

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110716.D
 Acq On : 13 Nov 2018 11:16
 Operator : JU/SJ
 Sample : PB114706BSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114706BSD

Quant Time: Nov 13 11:59:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	66231	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	286981	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	137354	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	236907	20.00	ng	0.00
76) Chrysene-d12	14.13	240	142998	20.00	ng	-0.01
87) Perylene-d12	15.65	264	115297	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	315467	77.37	ng	0.00
7) Phenol-d6	6.57	99	396652	76.07	ng	0.00
23) Nitrobenzene-d5	7.51	82	365907	73.43	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	90659	65.50	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	734090	76.33	ng	0.00
79) Terphenyl-d14	13.06	244	531798	69.65	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	50607	24.910	ng	87
3) Pyridine	3.62	79	133174	30.368	ng	# 85
4) n-Nitrosodimethylamine	3.57	42	68346	36.323	ng	# 92
6) Aniline	6.60	93	131733	19.373	ng	# 54
8) 2-Chlorophenol	6.73	128	170391	35.647	ng	98
9) Benzaldehyde	6.50	77	97821	33.459	ng	98
10) Phenol	6.58	94	208346	34.460	ng	# 65
11) bis(2-Chloroethyl)ether	6.67	93	154847	34.175	ng	94
12) 1,3-Dichlorobenzene	6.88	146	174171	33.302	ng	99
13) 1,4-Dichlorobenzene	6.96	146	178506	33.611	ng	96
14) 1,2-Dichlorobenzene	7.11	146	167966	33.997	ng	97
15) Benzyl Alcohol	7.08	79	143235	35.103	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	246661	34.665	ng	70
17) 2-Methylphenol	7.19	107	138382	36.376	ng	# 82
18) Hexachloroethane	7.45	117	62802	32.031	ng	97
19) n-Nitroso-di-n-propylamine	7.35	70	116015	34.857	ng	94
20) 3+4-Methylphenols	7.35	107	179694	36.797	ng	# 79
22) Acetophenone	7.35	105	234370	35.042	ng	95
24) Nitrobenzene	7.53	77	176708	34.610	ng	96
25) Isophorone	7.76	82	314416	38.496	ng	98
26) 2-Nitrophenol	7.85	139	80561	31.629	ng	90
27) 2,4-Dimethylphenol	7.87	122	154455	39.818	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	199007	35.987	ng	100
29) 2,4-Dichlorophenol	8.08	162	140611	35.228	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	150480	33.438	ng	97
31) Naphthalene	8.25	128	496233	36.834	ng	99
32) Benzoic acid	7.97	122	35871	13.070	ng	97
33) 4-Chloroaniline	8.30	127	102308	16.765	ng	96
34) Hexachlorobutadiene	8.35	225	83014	32.296	ng	97
35) Caprolactam	8.66	113	43212	32.404	ng	# 82
36) 4-Chloro-3-methylphenol	8.77	107	152575	35.444	ng	98
37) 2-Methylnaphthalene	8.94	142	344068	38.958	ng	97
38) 1-Methylnaphthalene	9.04	142	317452	37.376	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	145940	33.566	ng	98

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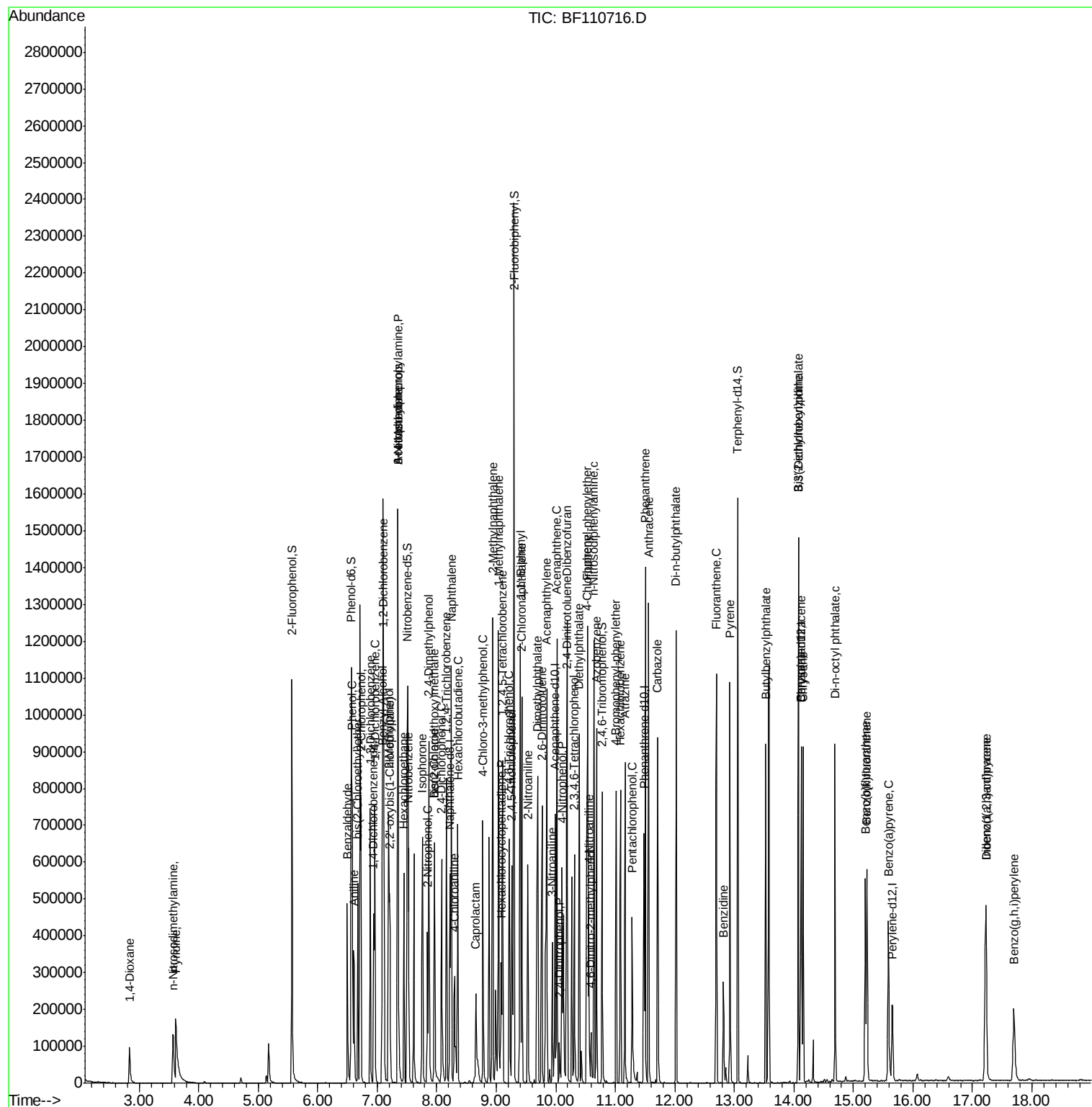
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41) Hexachlorocyclopentadiene	9.08	237	44750	31.511	ng	99
43) 2,4,6-Trichlorophenol	9.22	196	91719	33.570	ng	93
44) 2,4,5-Trichlorophenol	9.26	196	99483	34.135	ng	95
46) 1,1'-Biphenyl	9.40	154	417965	32.620	ng	99
47) 2-Chloronaphthalene	9.43	162	312791	33.885	ng	98
48) 2-Nitroaniline	9.53	65	101037	35.518	ng	91
49) Acenaphthylene	9.85	152	489373	36.812	ng	99
50) Dimethylphthalate	9.70	163	366567	35.766	ng	99
51) 2,6-Dinitrotoluene	9.77	165	79117	35.092	ng	98
52) Acenaphthene	10.02	154	292436	34.808	ng	97
53) 3-Nitroaniline	9.95	138	62803	24.044	ng	86
54) 2,4-Dinitrophenol	10.06	184	17481	23.022	ng	91
55) Dibenzofuran	10.19	168	427275	34.761	ng	97
56) 4-Nitrophenol	10.10	139	99414	57.369	ng	96
57) 2,4-Dinitrotoluene	10.18	165	101953	34.779	ng	91
58) Fluorene	10.53	166	341605	36.182	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	79474	34.664	ng	# 94
60) Diethylphthalate	10.40	149	365071	36.005	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	162574	33.257	ng	96
62) 4-Nitroaniline	10.56	138	81749	31.080	ng	97
63) Azobenzene	10.69	77	342799	34.652	ng	96
65) 4,6-Dinitro-2-methylphenol	10.59	198	17038	14.270	ng	82
66) n-Nitrosodiphenylamine	10.64	169	297549	37.262	ng	97
67) 4-Bromophenyl-phenylether	11.02	248	94141	35.955	ng	97
68) Hexachlorobenzene	11.09	284	95909	34.743	ng	# 91
69) Atrazine	11.16	200	95922	39.286	ng	99
70) Pentachlorophenol	11.29	266	64171	43.566	ng	95
71) Phenanthrene	11.50	178	469541	36.994	ng	99
72) Anthracene	11.56	178	485984	37.957	ng	99
73) Carbazole	11.71	167	406787	33.083	ng	99
74) Di-n-butylphthalate	12.02	149	564281	39.134	ng	99
75) Fluoranthene	12.70	202	428978	33.712	ng	99
77) Benzidine	12.82	184	114070	29.007	ng	96
78) Pyrene	12.93	202	418442	38.004	ng	99
80) Butylbenzylphthalate	13.53	149	197659	41.709	ng	96
81) Benzo(a)anthracene	14.12	228	320769	37.529	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	81758	28.554	ng	99
83) Chrysene	14.16	228	303800	37.309	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	270035	45.933	ng	97
85) Di-n-octyl phthalate	14.69	149	400764	46.357	ng	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	246486	42.183	ng	97
88) Benzo(b)fluoranthene	15.20	252	262219	38.017	ng	98
89) Benzo(k)fluoranthene	15.23	252	247856	36.367	ng	# 96
90) Benzo(a)pyrene	15.59	252	238763	38.099	ng	97
91) Dibenzo(a,h)anthracene	17.23	278	205164	38.686	ng	98
92) Benzo(g,h,i)perylene	17.70	276	190374	36.180	ng	96

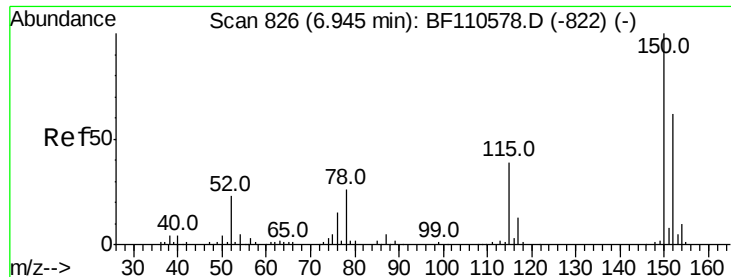
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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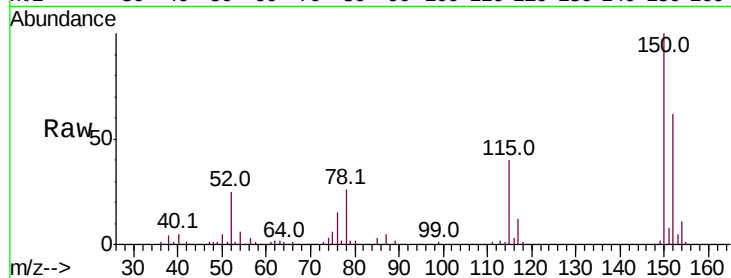


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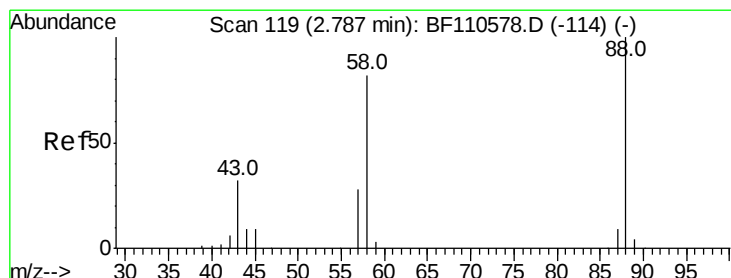
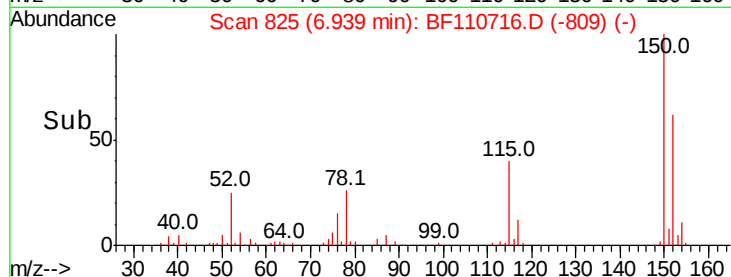
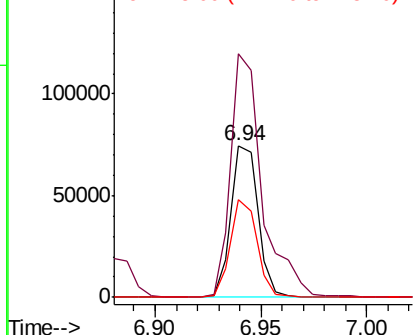
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Instrument :
BNA_F
ClientSampleId :
PB114706BSD

Tot Ion:152 Resp: 66231
Ion Ratio Lower Upper
152 100
150 160.5 122.7 184.1
115 64.6 49.1 73.7



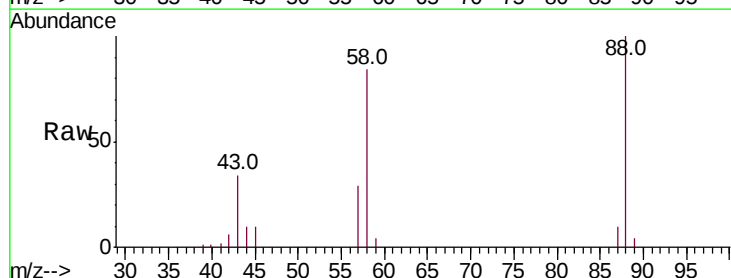
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



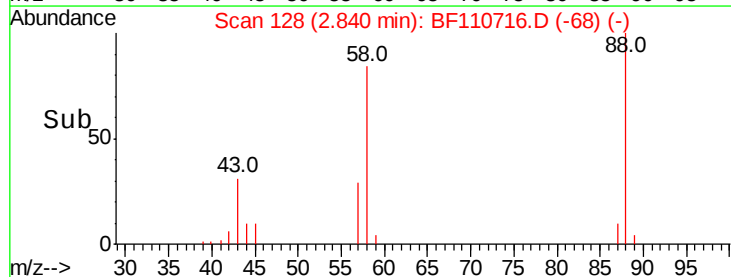
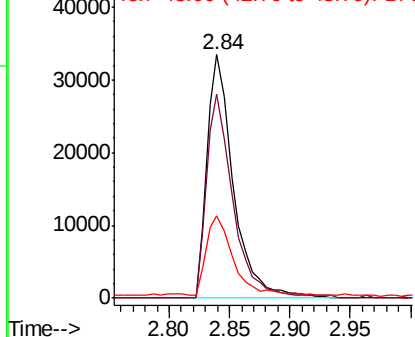
#2

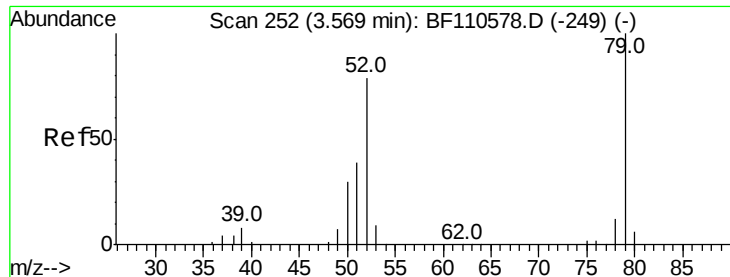
1,4-Dioxane
Concen: 24.910 ng
RT: 2.84 min Scan# 128
Delta R.T. 0.05 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion: 88 Resp: 50607
Ion Ratio Lower Upper
88 100
58 84.5 57.1 85.7
43 33.1 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.368 ng

RT: 3.62 min Scan# 260

Delta R.T. 0.05 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

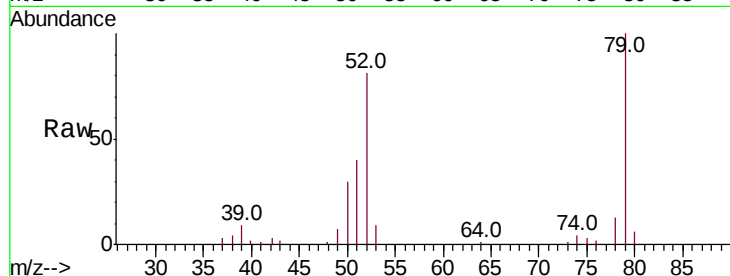
Tot Ion: 79 Resp: 133174

Ion Ratio Lower Upper

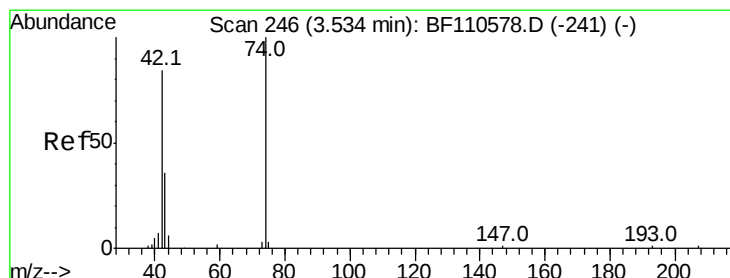
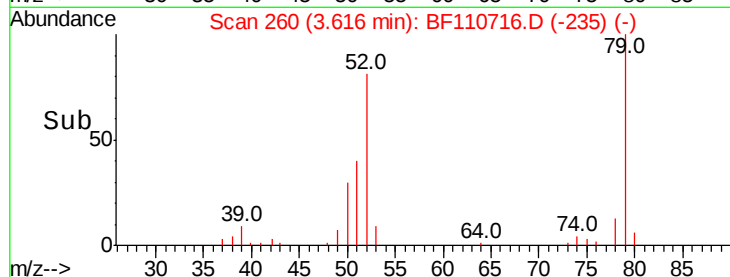
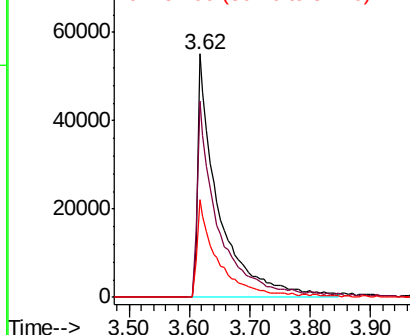
79 100

52 80.6 53.1 79.7#

51 39.9 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.323 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.04 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

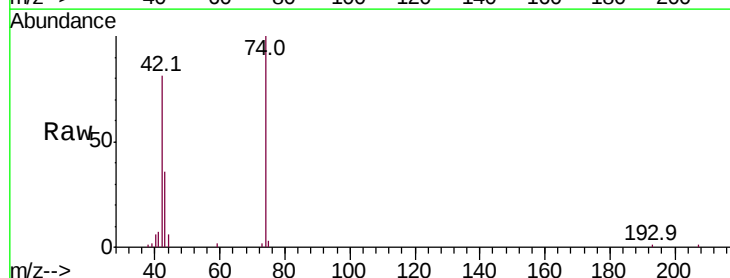
Tgt Ion: 42 Resp: 68346

Ion Ratio Lower Upper

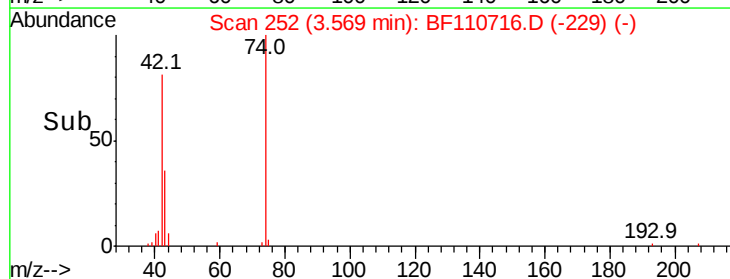
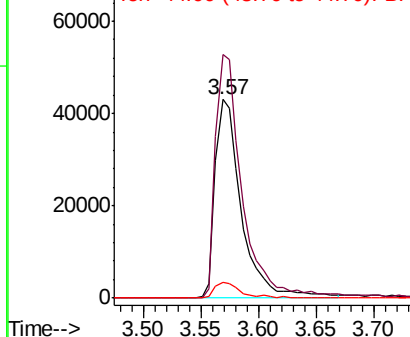
42 100

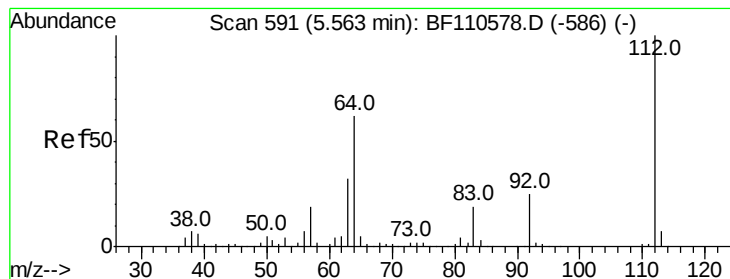
74 122.7 105.5 158.3

44 7.9 4.9 7.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

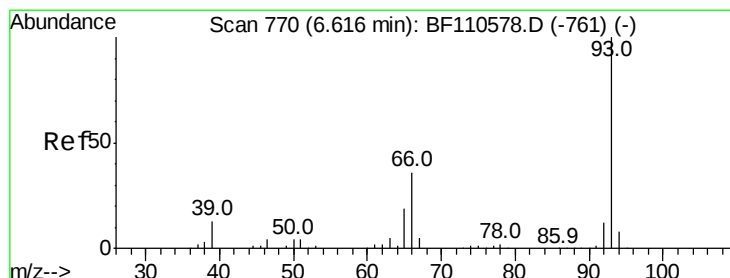
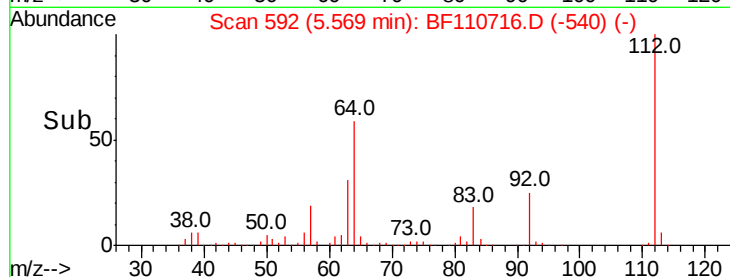
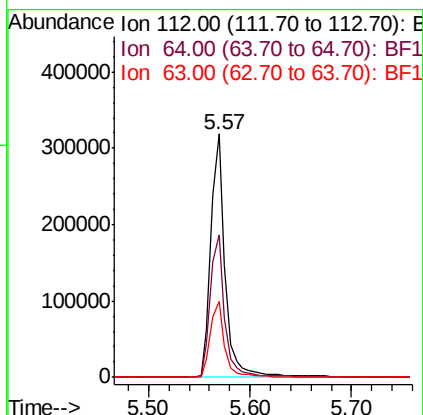
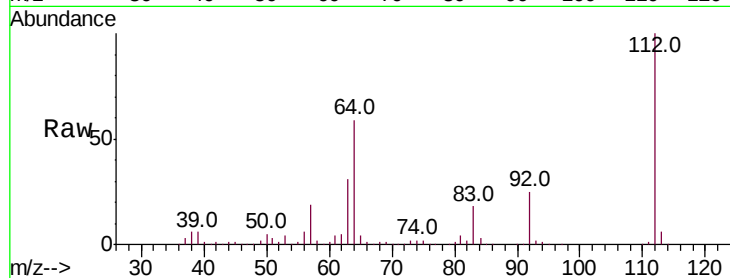




#5
 2-Fluorophenol
 Concen: 77.368 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF110716.D
 Acq: 13 Nov 2018 11:16

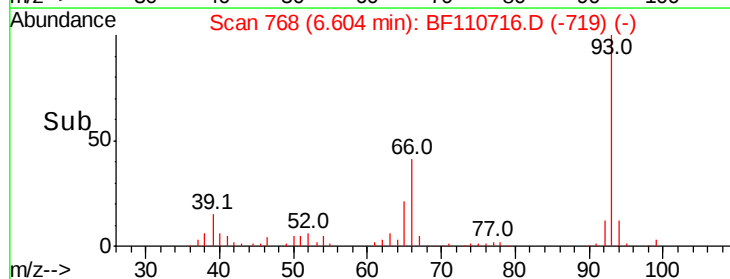
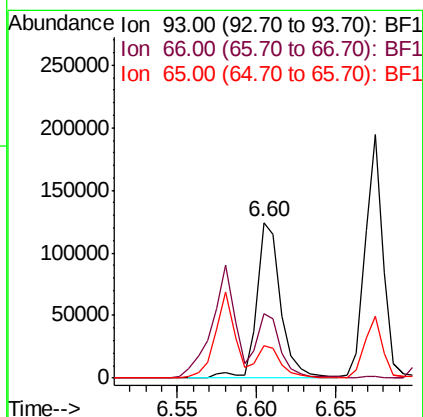
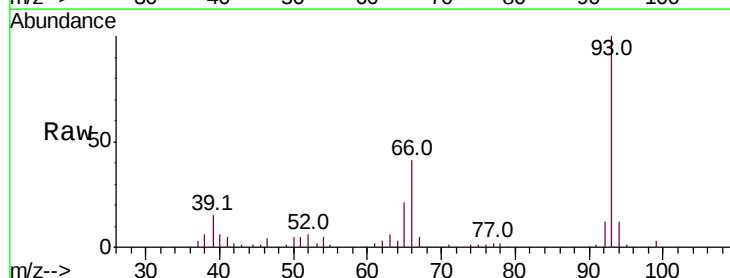
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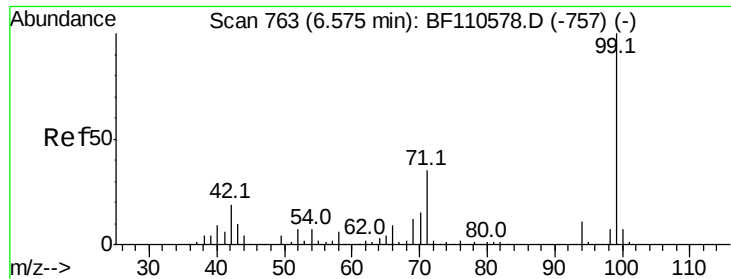
Tot Ion: 112 Resp: 315467
 Ion Ratio Lower Upper
 112 100
 64 58.7 44.1 66.1
 63 31.1 23.7 35.5



#6
 Aniline
 Concen: 19.373 ng
 RT: 6.60 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF110716.D
 Acq: 13 Nov 2018 11:16

Tgt Ion: 93 Resp: 131733
 Ion Ratio Lower Upper
 93 100
 66 41.2 67.4 101.0#
 65 21.1 41.0 61.4#





#7

Phenol-d6

Concen: 76.073 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

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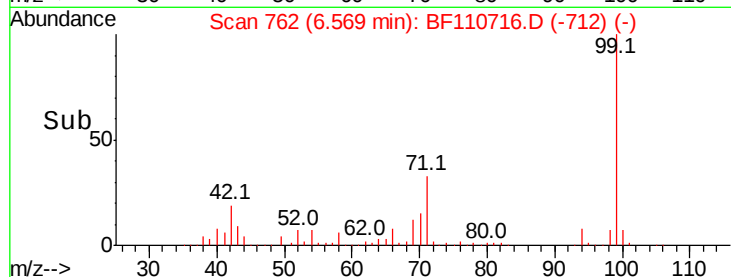
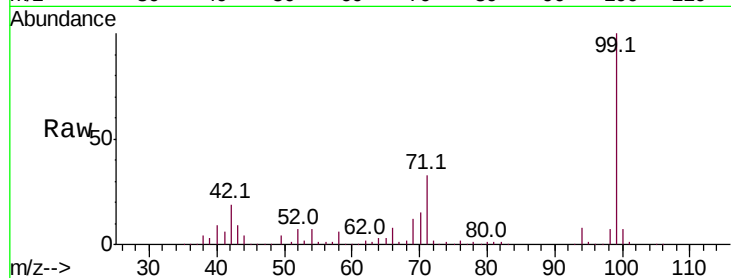
Tot Ion: 99 Resp: 396652

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

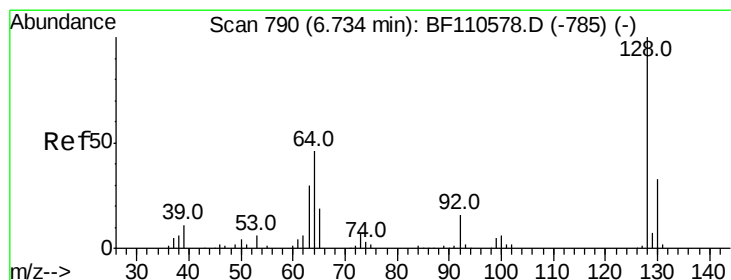
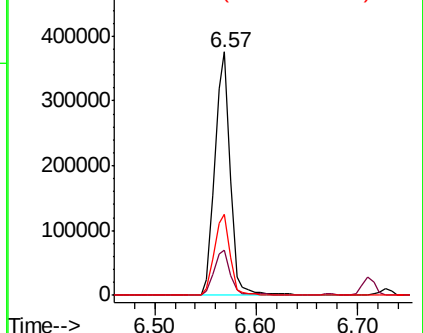
71 33.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.647 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

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Acq: 13 Nov 2018 11:16

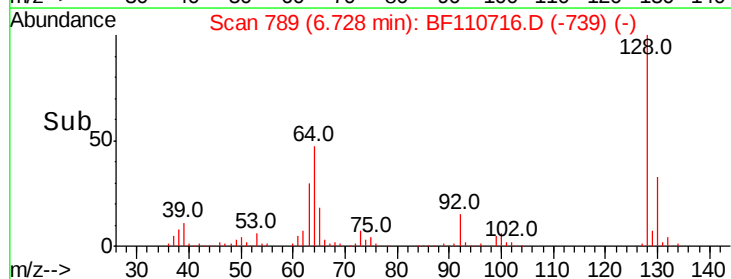
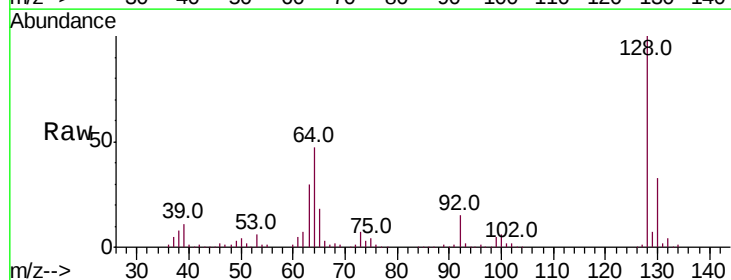
Tgt Ion: 128 Resp: 170391

Ion Ratio Lower Upper

128 100

130 32.5 13.1 53.1

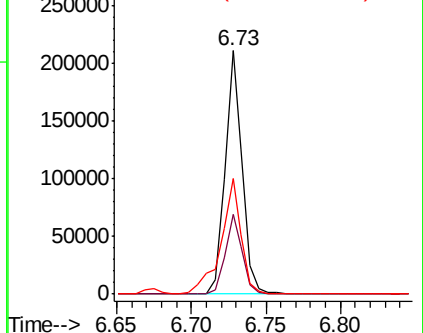
64 47.5 26.0 66.0

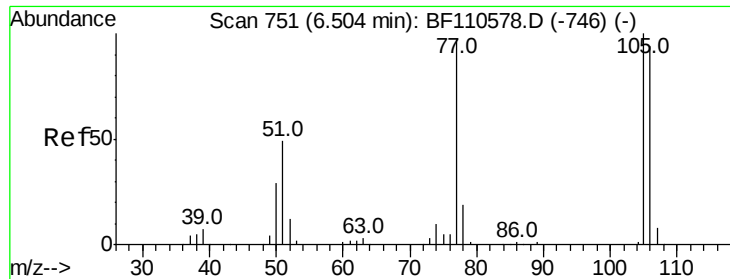


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.459 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

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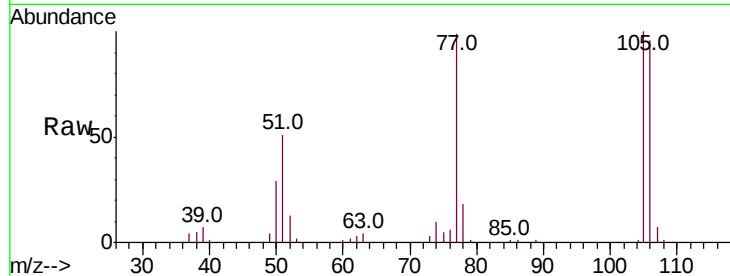
Tot Ion: 77 Resp: 97821

Ion Ratio Lower Upper

77 100

105 100.6 78.6 118.6

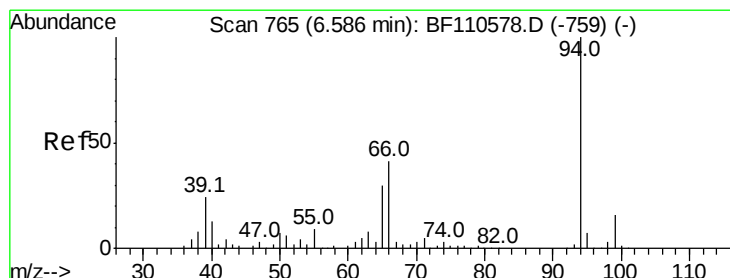
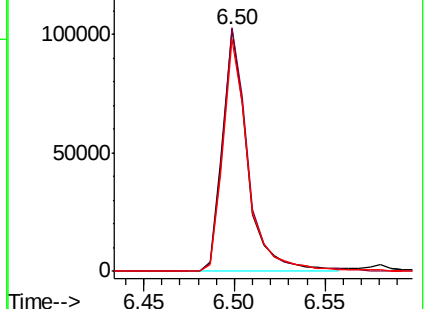
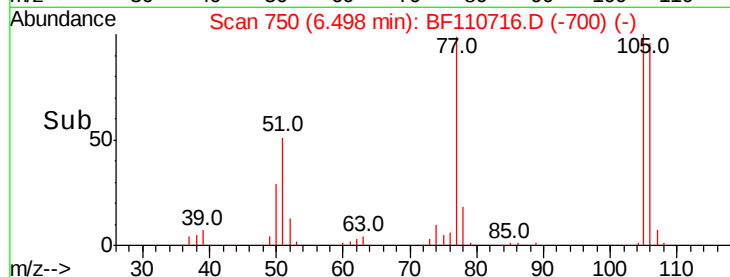
106 96.1 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.460 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

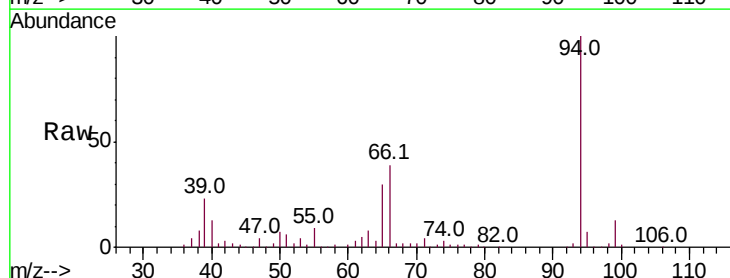
Tgt Ion: 94 Resp: 208346

Ion Ratio Lower Upper

94 100

65 29.7 25.3 65.3

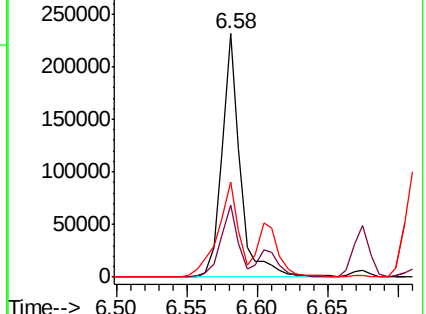
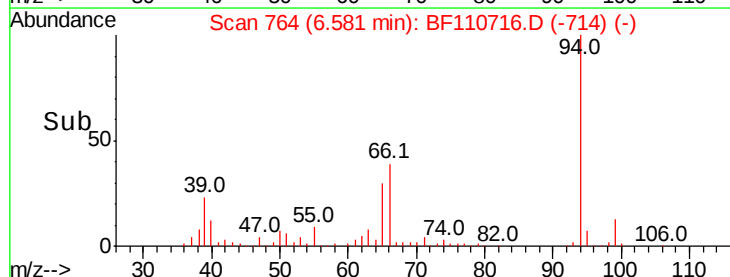
66 38.9 54.5 94.5#

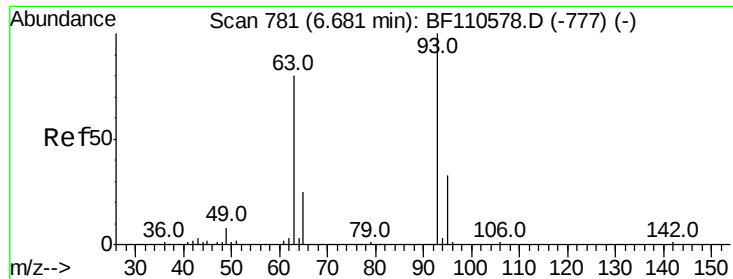


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.175 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

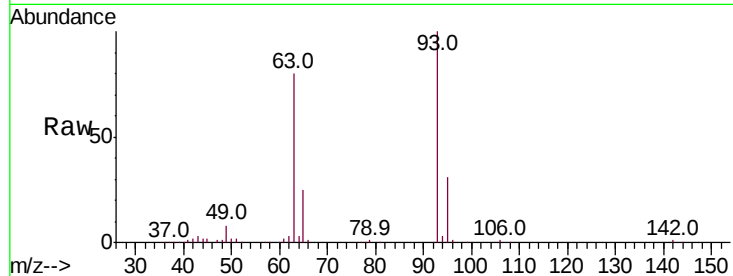
Tot Ion: 93 Resp: 154847

Ion Ratio Lower Upper

93 100

63 79.6 53.4 93.4

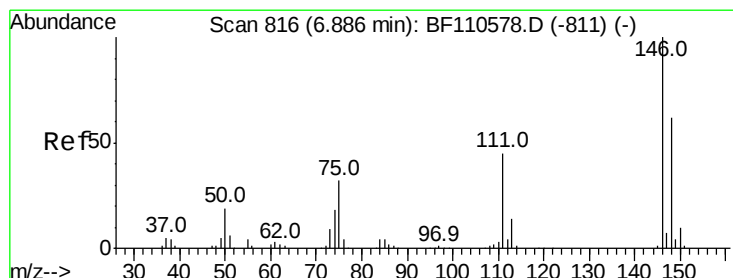
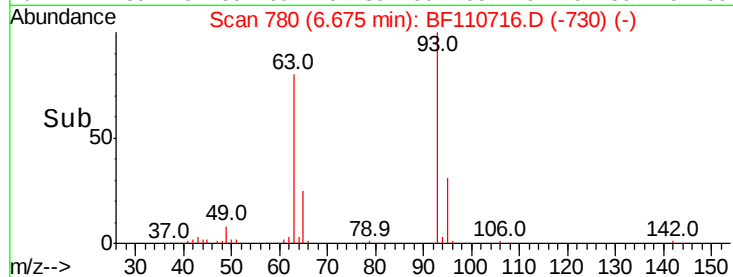
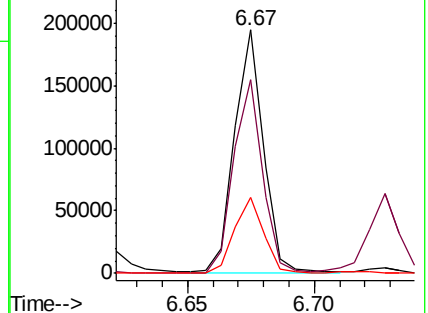
95 31.2 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 33.302 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

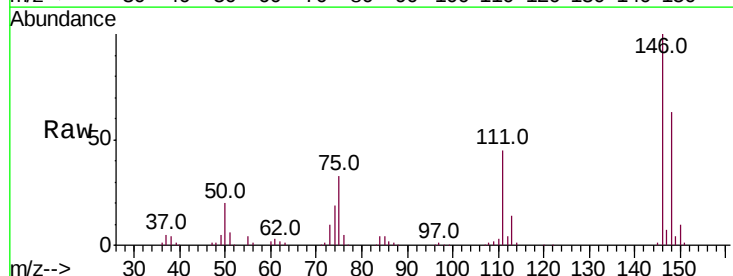
Tgt Ion: 146 Resp: 174171

Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

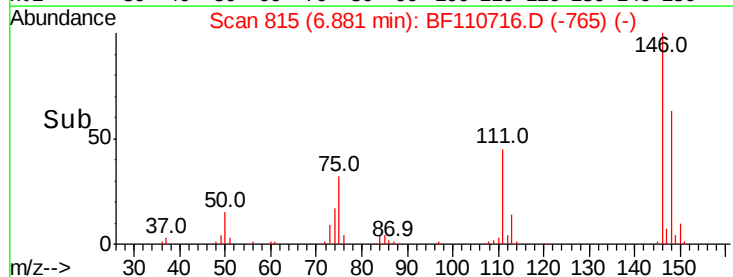
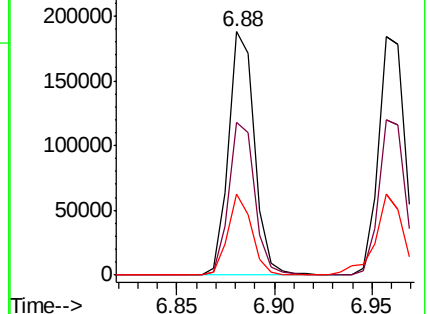
75 33.1 25.8 38.6

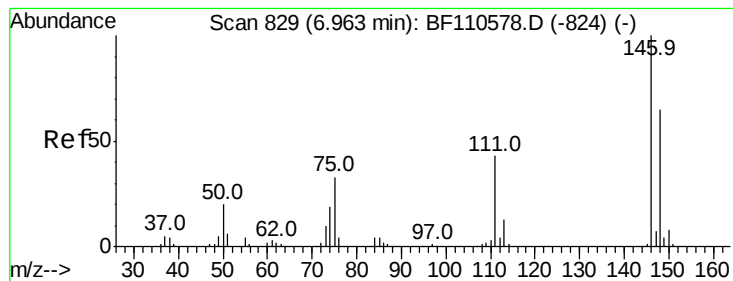


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 33.611 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

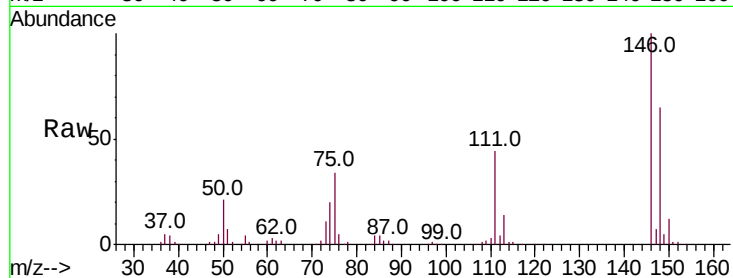
Tot Ion:146 Resp: 178506

Ion Ratio Lower Upper

146 100

148 65.2 50.3 75.5

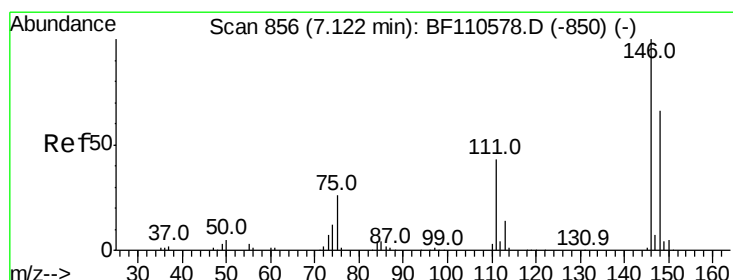
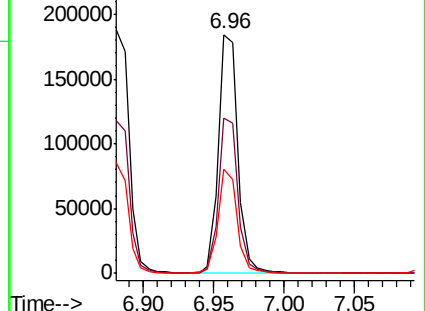
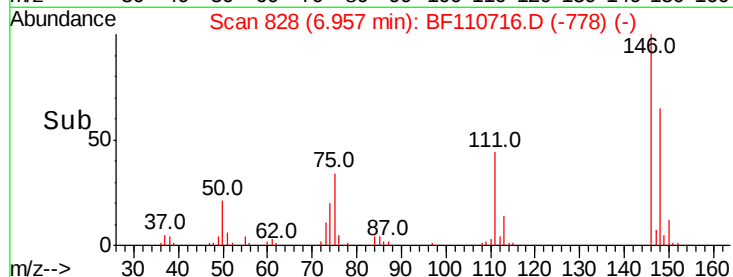
111 43.6 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.997 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

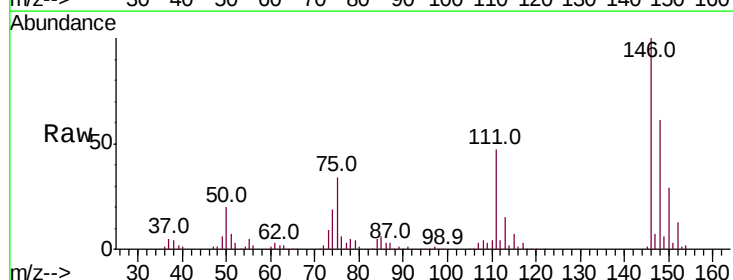
Tgt Ion:146 Resp: 167966

Ion Ratio Lower Upper

146 100

148 61.4 51.1 76.7

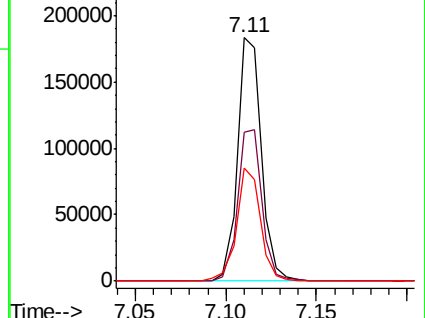
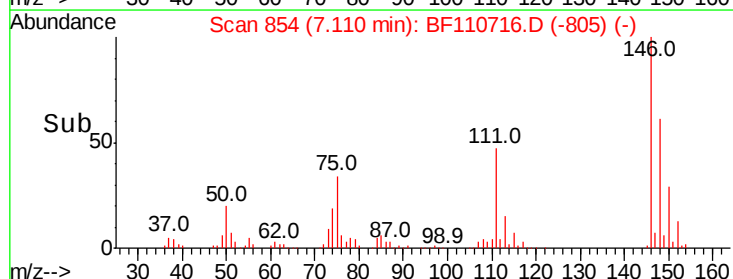
111 46.5 35.8 53.6

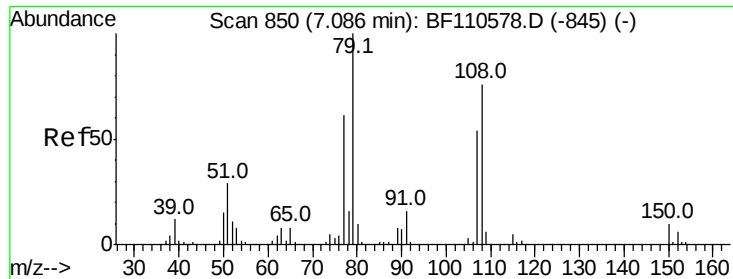


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

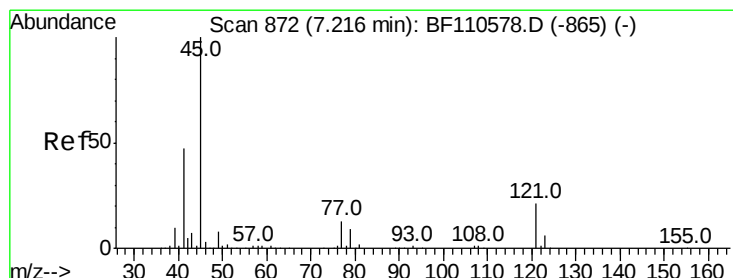
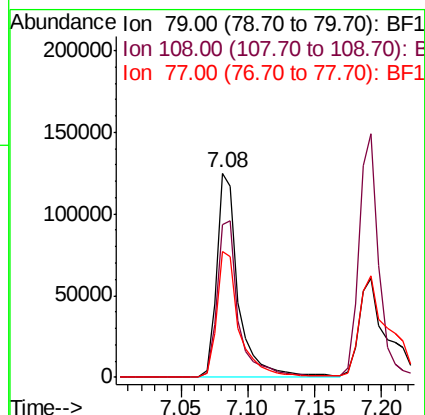
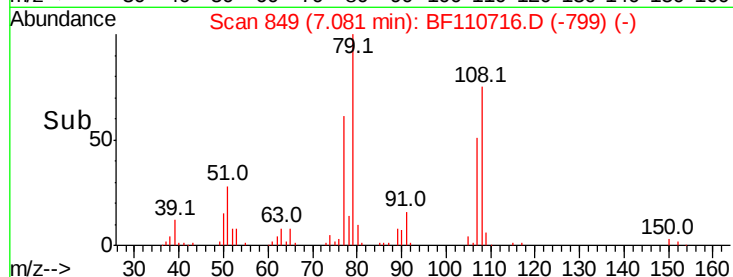
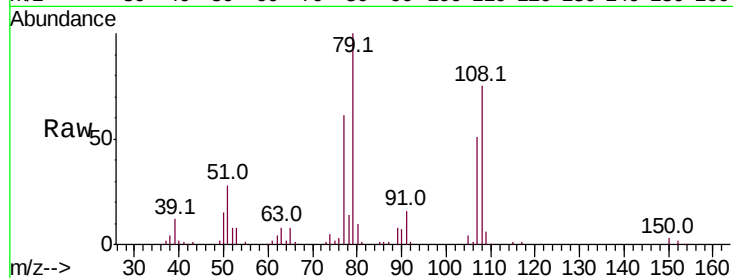




#15
Benzyl Alcohol
Concen: 35.103 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

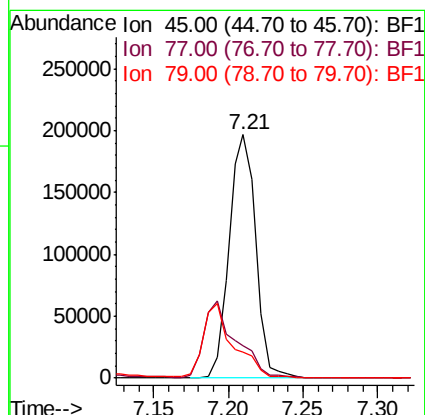
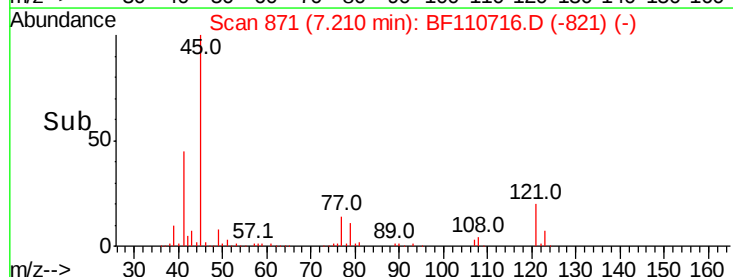
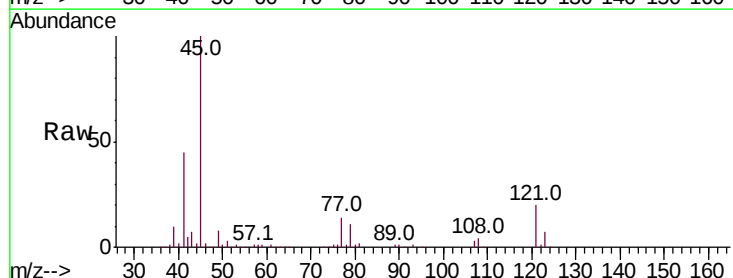
Instrument :
BNA_F
ClientSampleId :
PB114706BSD

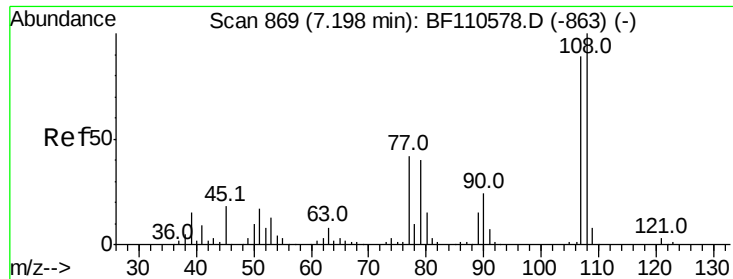
Tot Ion: 79 Resp: 143235
Ion Ratio Lower Upper
79 100
108 75.1 56.3 84.5
77 61.5 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 34.665 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion: 45 Resp: 246661
Ion Ratio Lower Upper
45 100
77 13.6 10.0 50.0
79 10.9 6.1 46.1

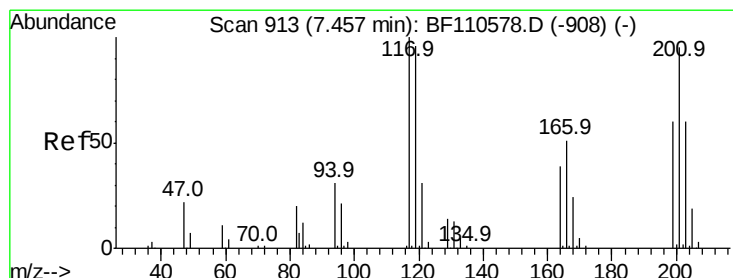
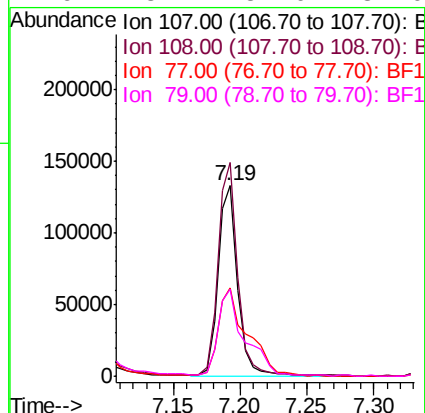
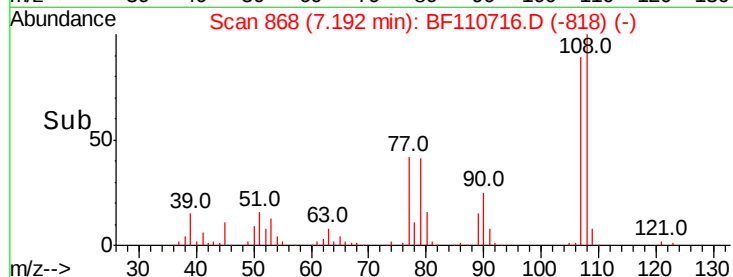
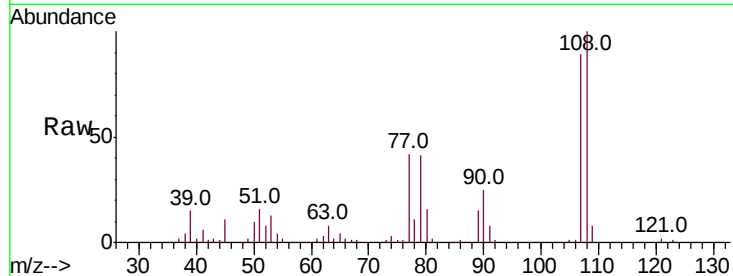




#17
2-Methylphenol
Concen: 36.376 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

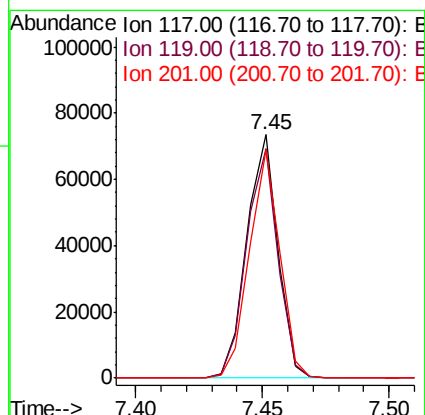
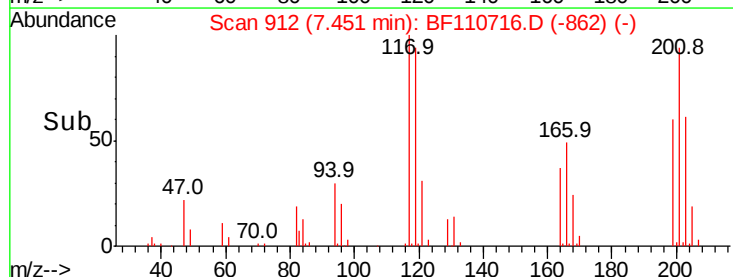
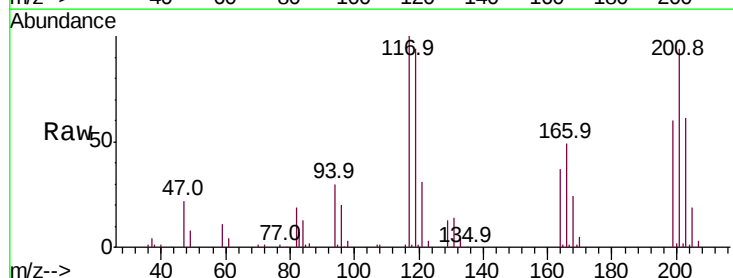
Instrument :
BNA_F
ClientSampleId :
PB114706BSD

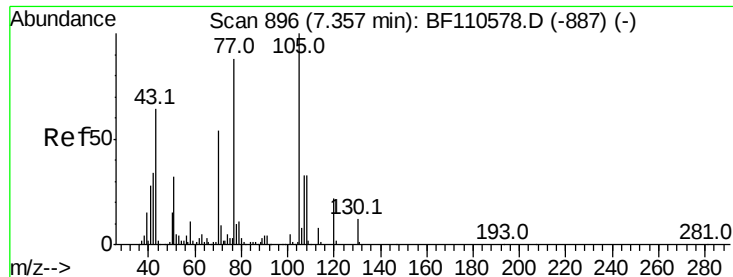
Tot Ion:107 Resp: 138382
Ion Ratio Lower Upper
107 100
108 112.3 92.6 138.8
77 46.8 59.4 89.2#
79 45.7 54.0 81.0#



#18
Hexachloroethane
Concen: 32.031 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:117 Resp: 62802
Ion Ratio Lower Upper
117 100
119 94.0 75.0 112.6
201 93.8 79.2 118.8

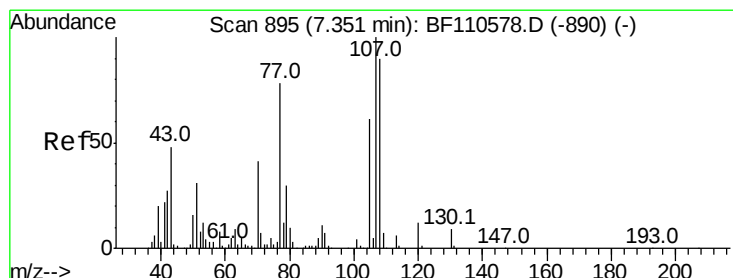
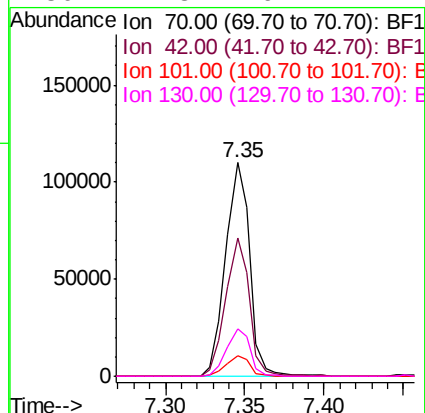
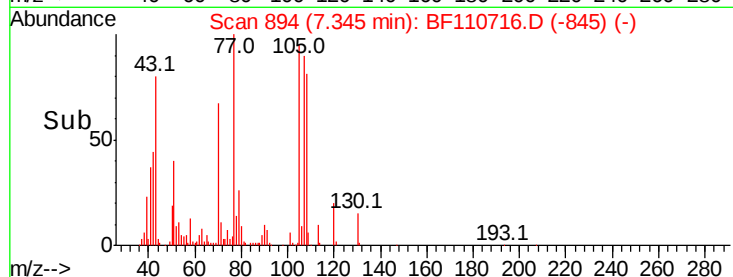
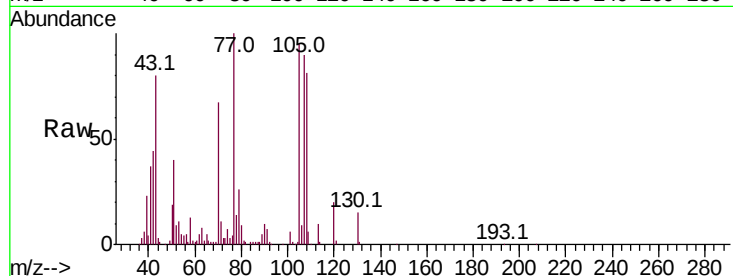




#19
n-Nitroso-di-n-propylamine
Concen: 34.857 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

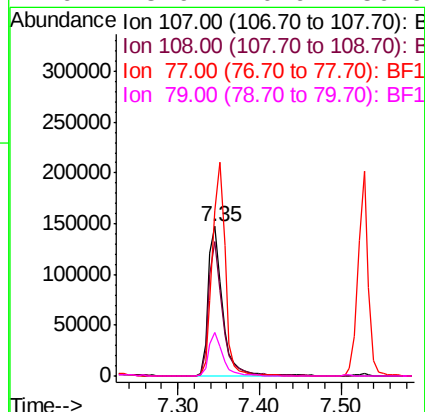
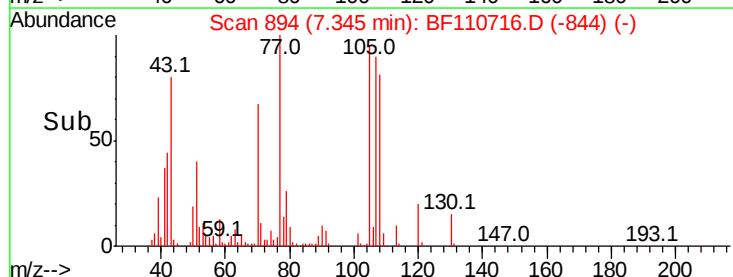
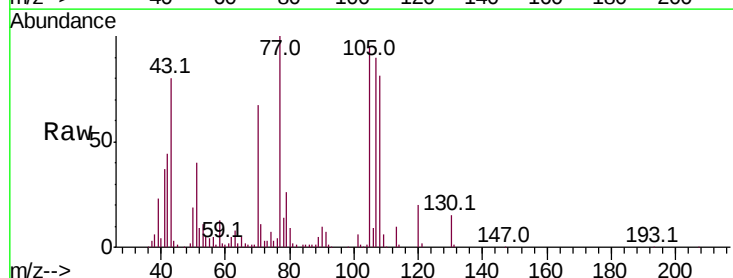
Instrument :
BNA_F
ClientSampleId :
PB114706BSD

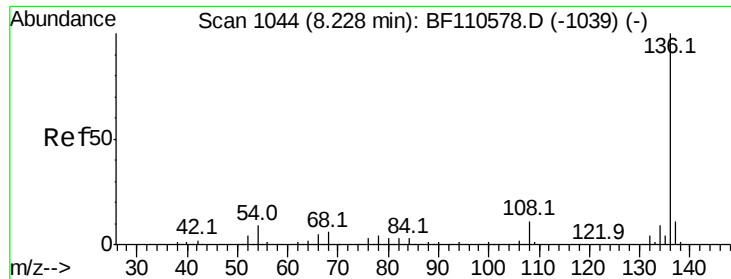
Tot Ion:	70	Resp:	116015
Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.4	71.2
101	9.3	7.3	10.9
130	22.3	16.2	24.2



#20
3+4-Methylphenols
Concen: 36.797 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:	107	Resp:	179694
Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.4	111.4
77	110.5	47.3	87.3#
79	28.9	10.9	50.9

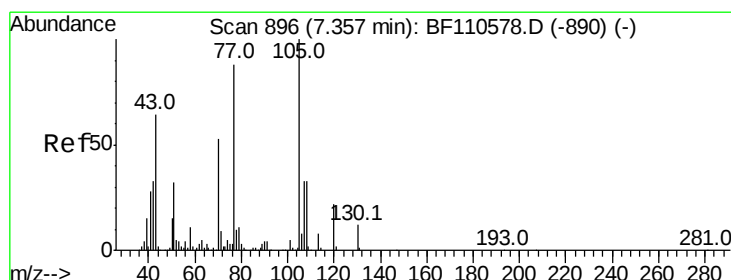
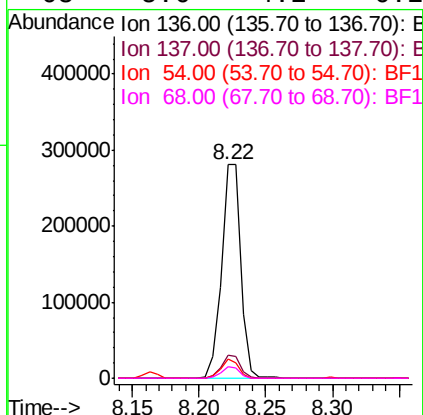
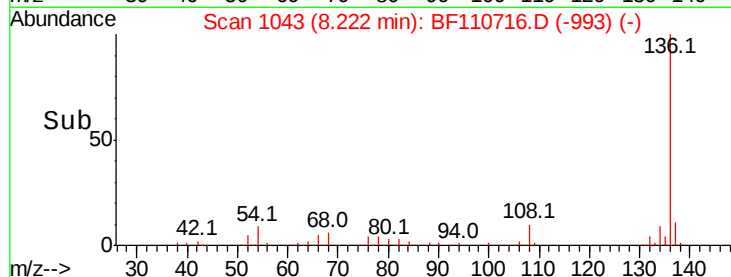
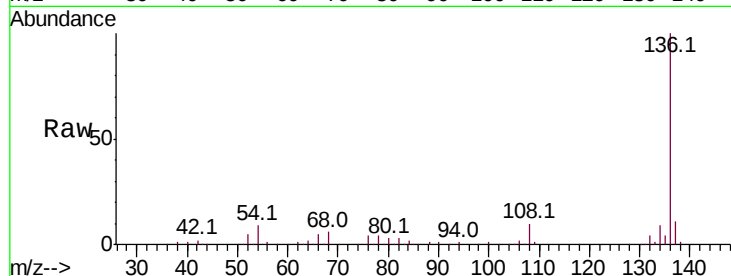




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

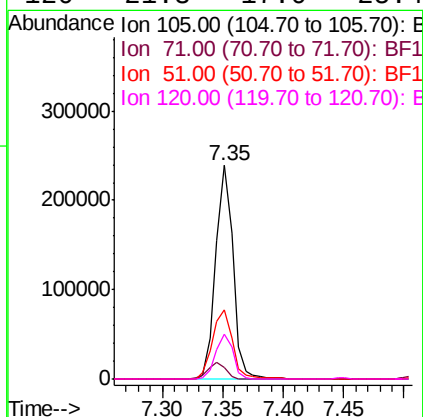
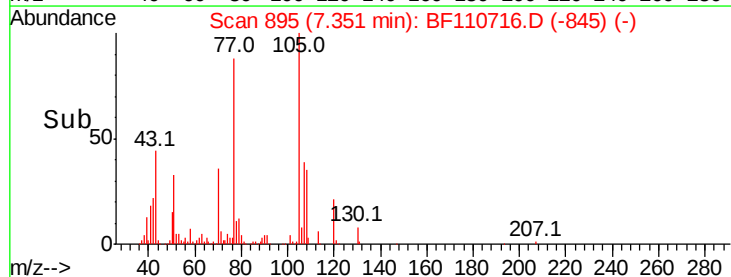
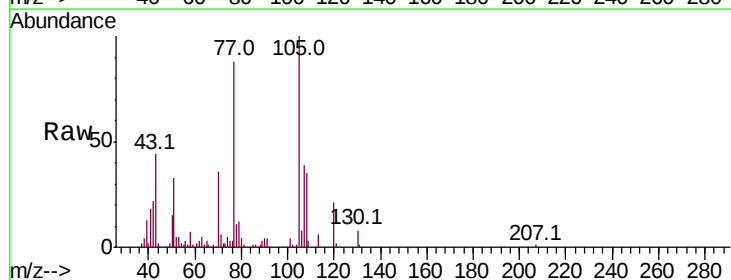
Instrument :
BNA_F
ClientSampleId :
PB114706BSD

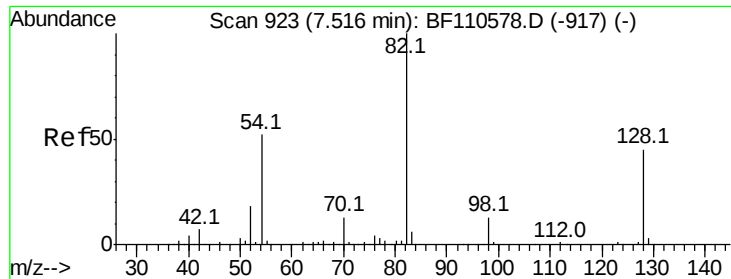
Tot Ion:136	Resp:	286981
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	8.8	5.4 8.2#
68	5.6	4.2 6.2



#22
Acetophenone
Concen: 35.042 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:105	Resp:	234370
Ion Ratio	Lower	Upper
105	100	
71	5.7	5.2 7.8
51	32.6	21.8 32.8
120	21.3	17.0 25.4

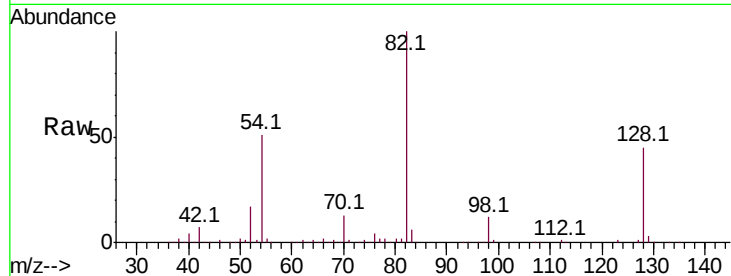




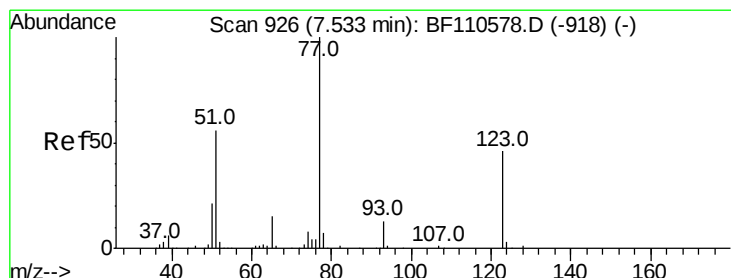
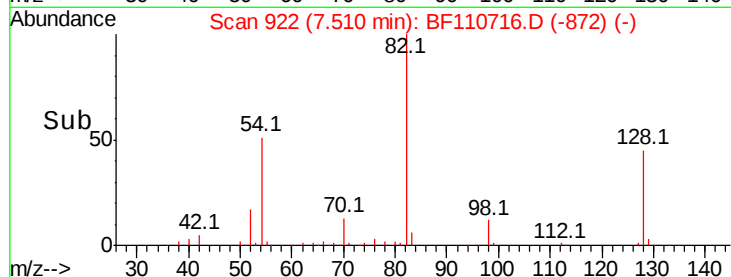
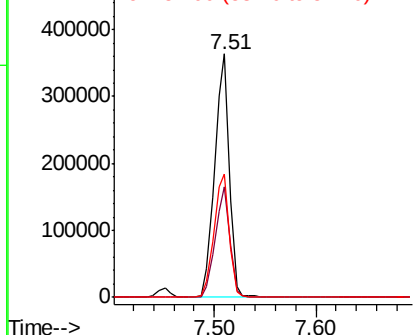
#23
 Nitrobenzene-d5
 Concen: 73.428 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110716.D
 Acq: 13 Nov 2018 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB114706BSD

Tot Ion	82	Resp	365907
Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.2	51.2
54	50.9	38.6	58.0

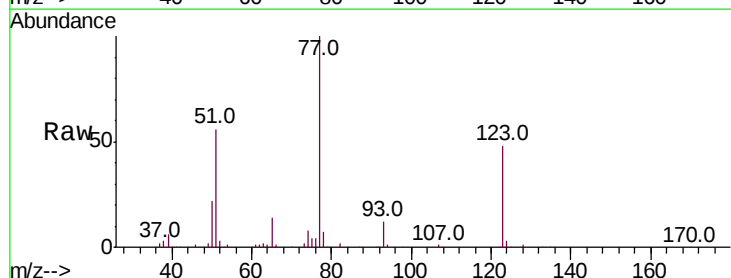


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

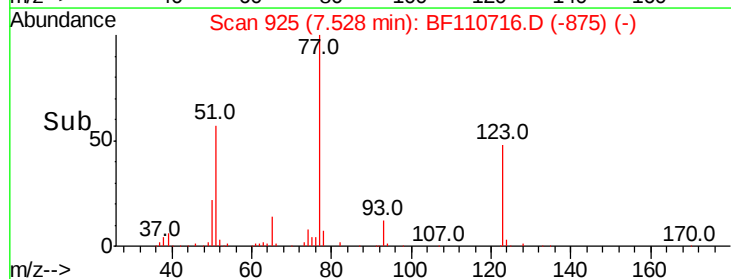
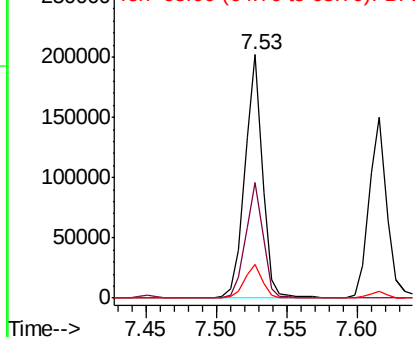


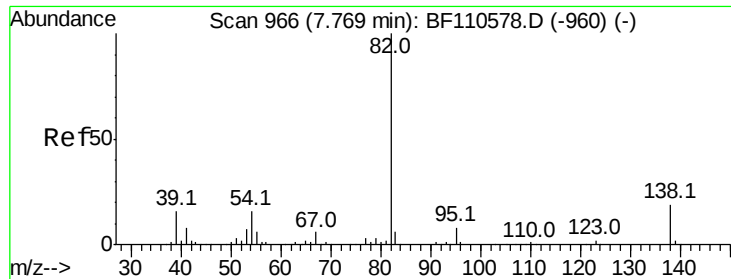
#24
 Nitrobenzene
 Concen: 34.610 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110716.D
 Acq: 13 Nov 2018 11:16

Tgt Ion	77	Resp	176708
Ion	Ratio	Lower	Upper
77	100		
123	47.7	35.7	53.5
65	13.8	10.7	16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.496 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

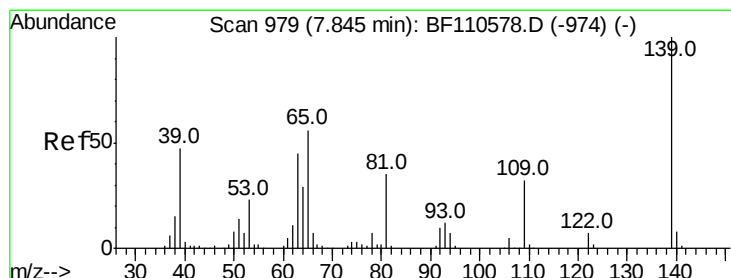
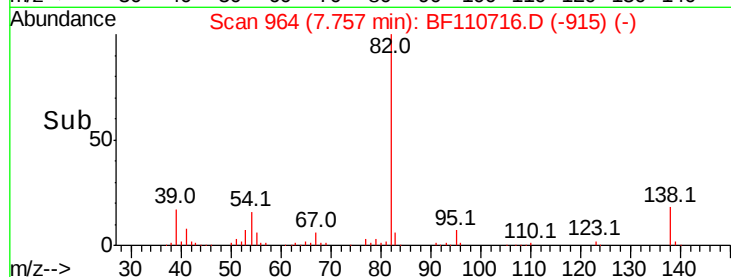
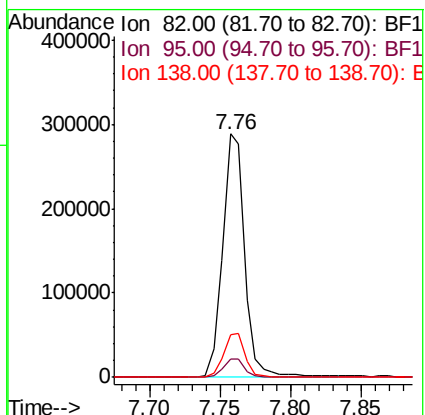
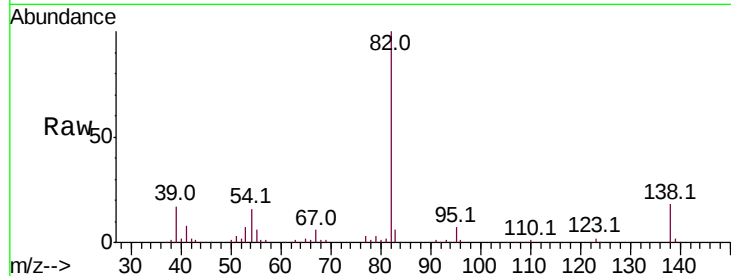
Tot Ion: 82 Resp: 314416

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

138 17.8 13.2 19.8



#26

2-Nitrophenol

Concen: 31.629 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

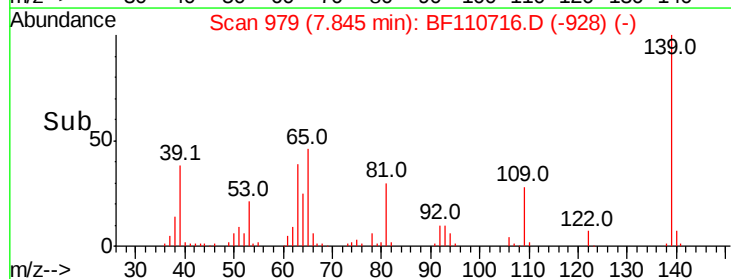
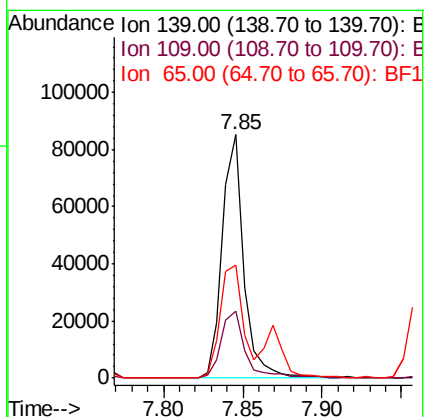
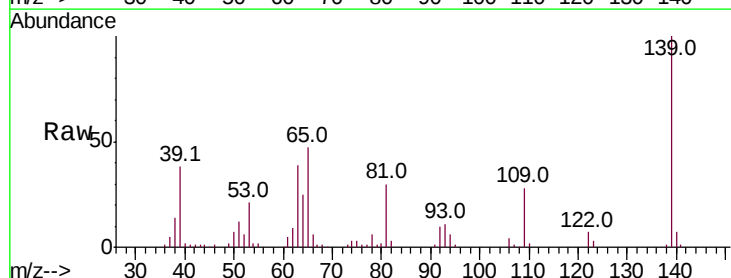
Tgt Ion: 139 Resp: 80561

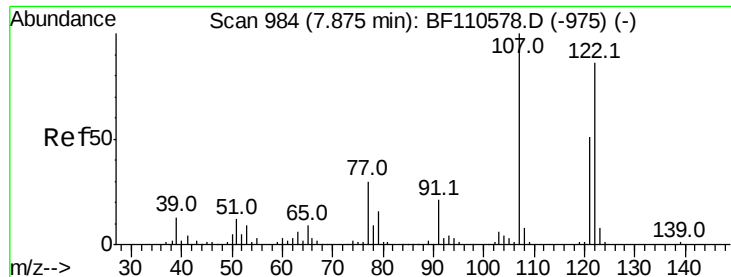
Ion Ratio Lower Upper

139 100

109 27.6 25.0 37.6

65 46.5 44.0 66.0

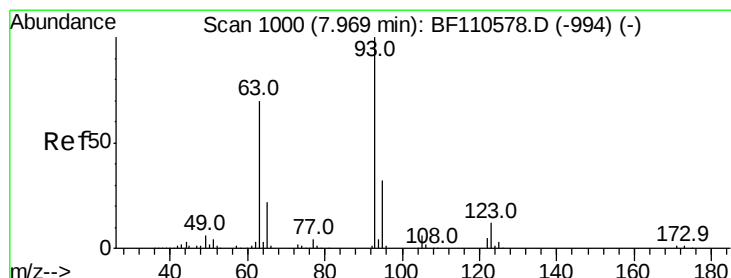
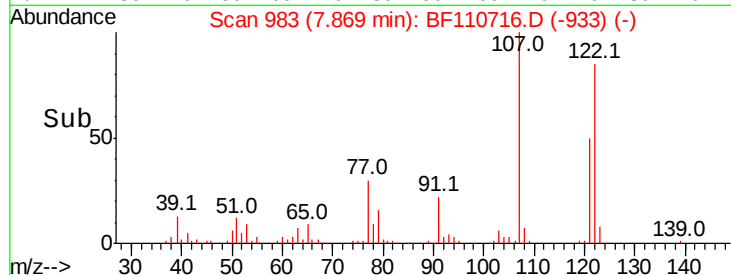
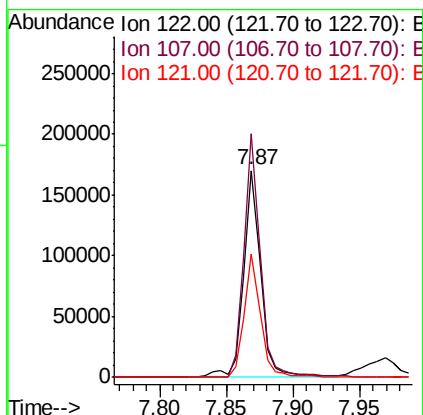
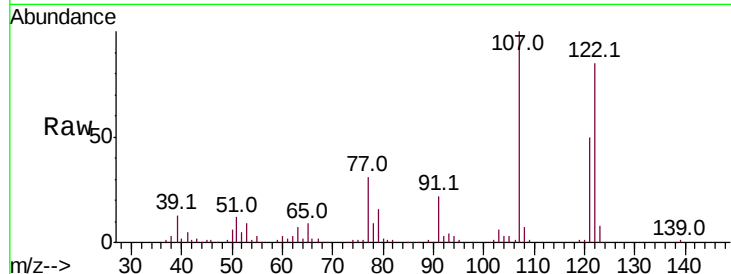




#27
2,4-Dimethylphenol
Concen: 39.818 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

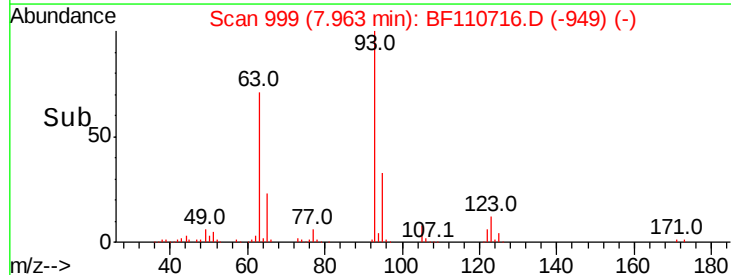
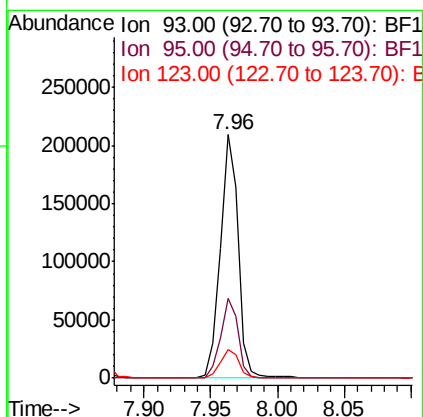
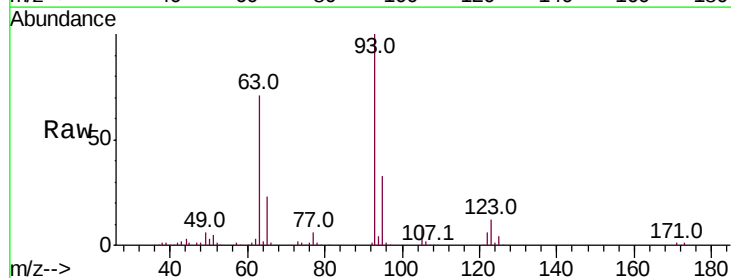
Instrument :
BNA_F
ClientSampleId :
PB114706BSD

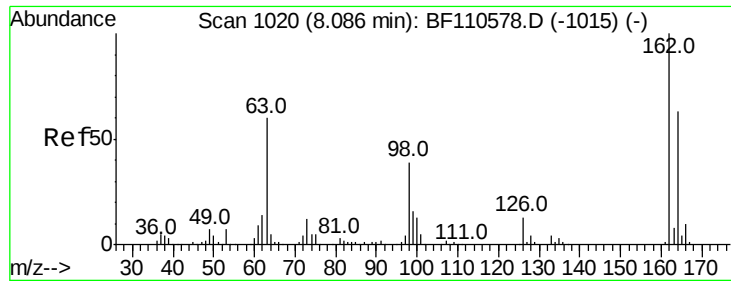
Tot Ion:122 Resp: 154455
Ion Ratio Lower Upper
122 100
107 117.6 92.5 138.7
121 59.4 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 35.987 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion: 93 Resp: 199007
Ion Ratio Lower Upper
93 100
95 33.0 26.4 39.6
123 11.7 9.0 13.6

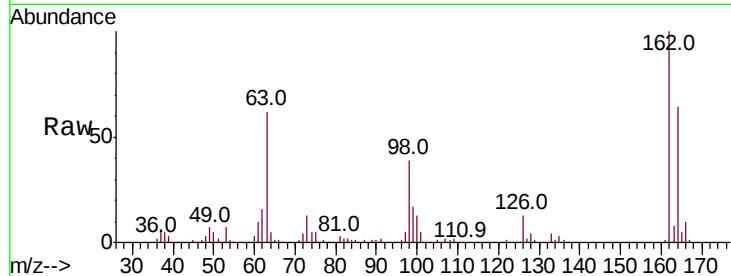




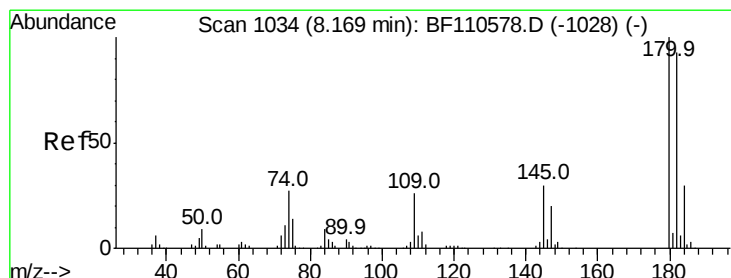
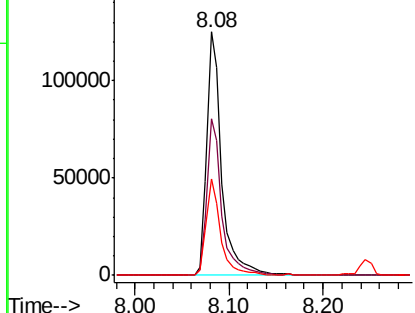
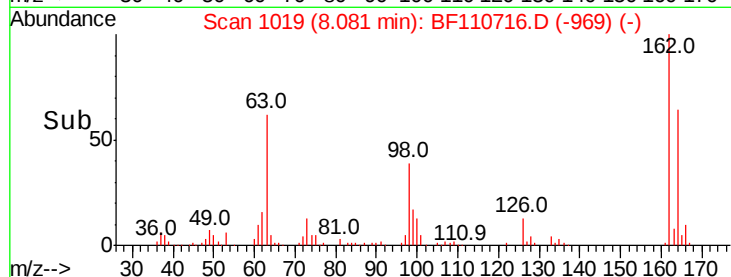
#29
2,4-Dichlorophenol
Concen: 35.228 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Instrument :
BNA_F
ClientSampleId :
PB114706BSD

Tot Ion:162 Resp: 140611
Ion Ratio Lower Upper
162 100
164 64.2 44.6 84.6
98 39.4 17.4 57.4

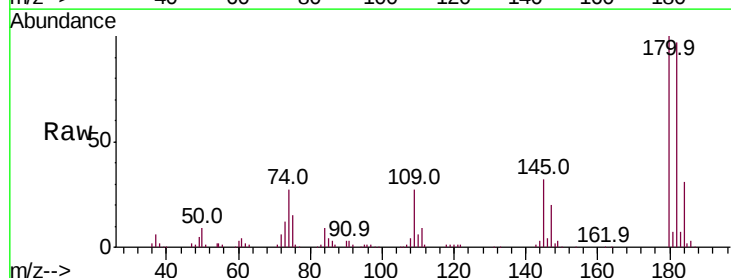


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

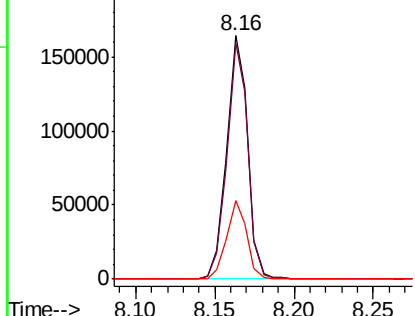
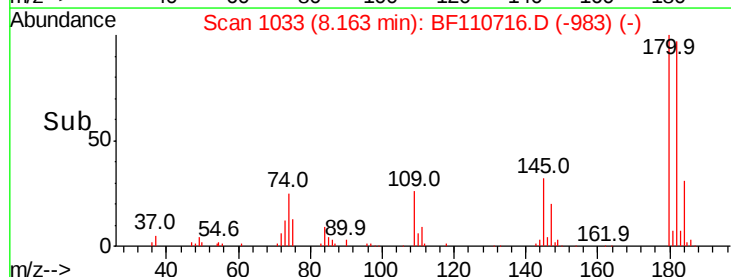


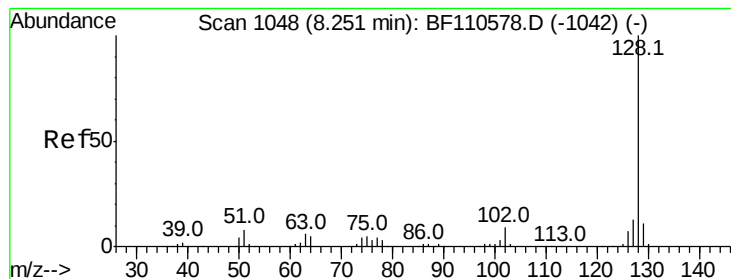
#30
1,2,4-Trichlorobenzene
Concen: 33.438 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:180 Resp: 150480
Ion Ratio Lower Upper
180 100
182 97.0 80.3 120.5
145 32.2 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.834 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

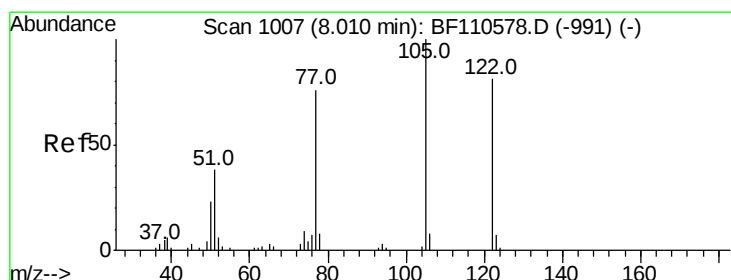
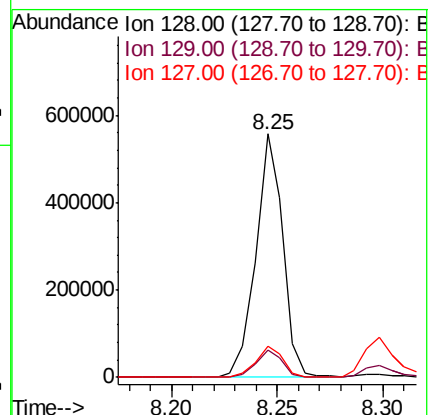
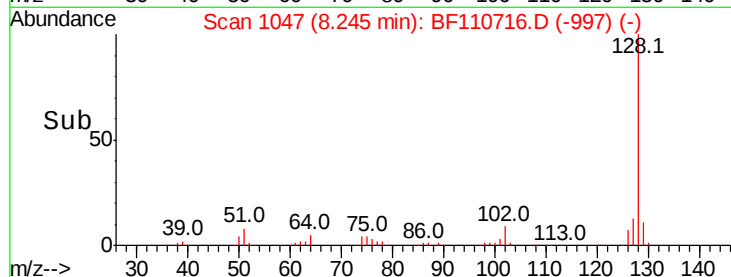
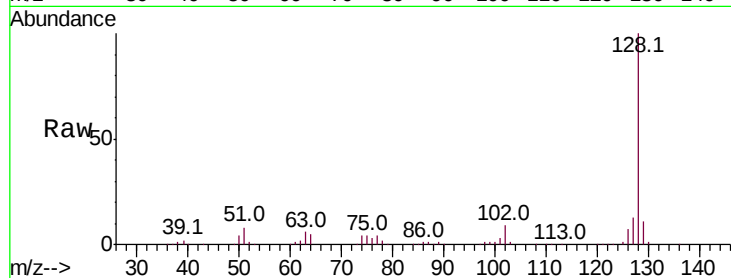
Tot Ion:128 Resp: 496233

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.0 10.8 16.2



#32

Benzoic acid

Concen: 13.070 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.04 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

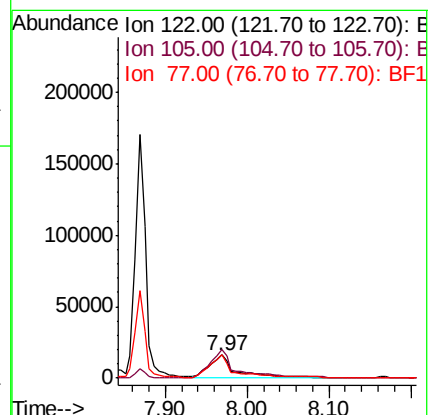
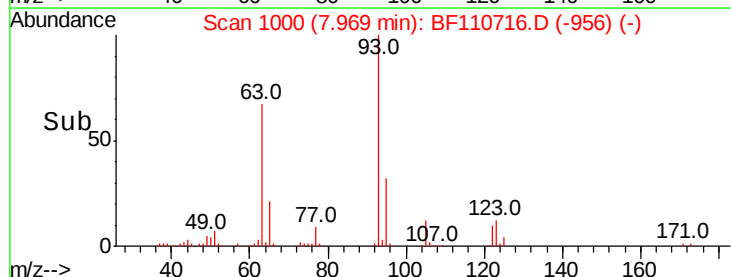
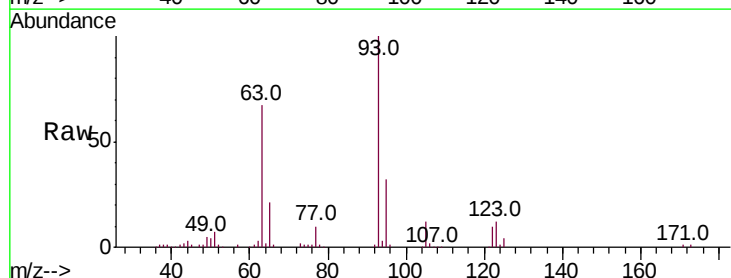
Tgt Ion:122 Resp: 35871

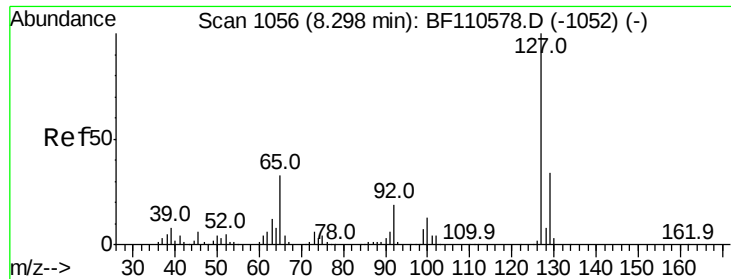
Ion Ratio Lower Upper

122 100

105 124.4 109.0 149.0

77 98.4 79.0 119.0

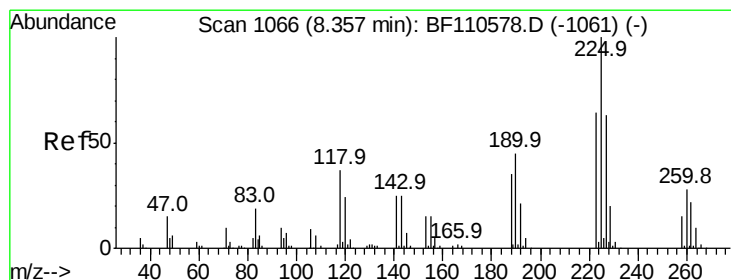
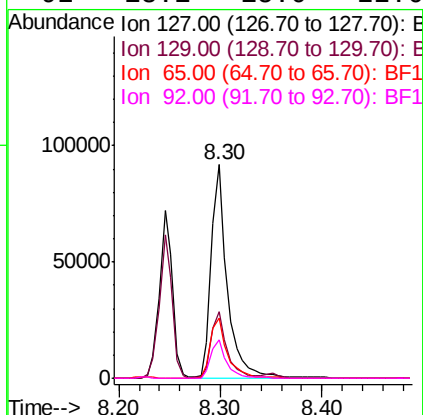
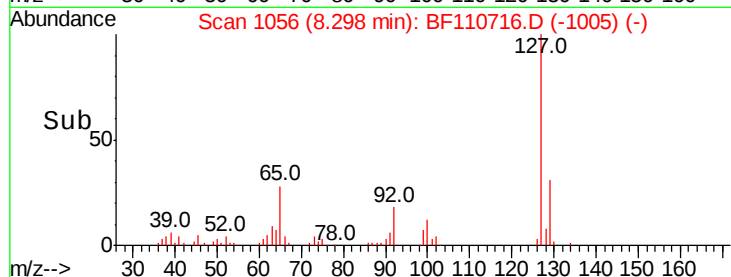
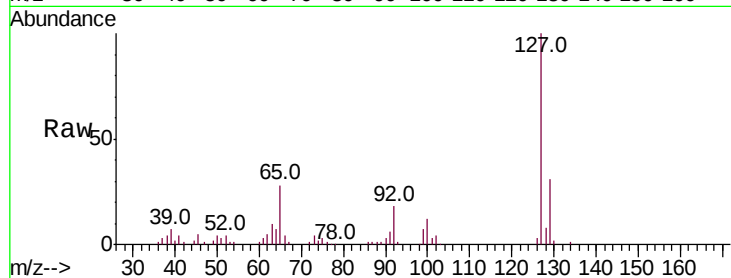




#33
4-Chloroaniline
Concen: 16.765 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

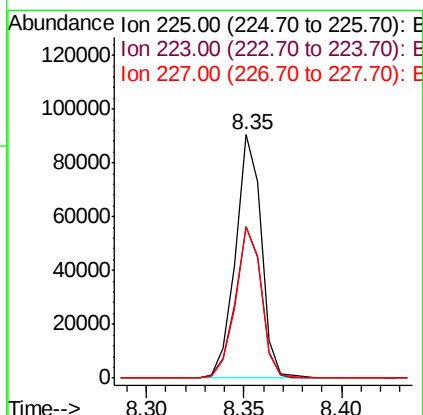
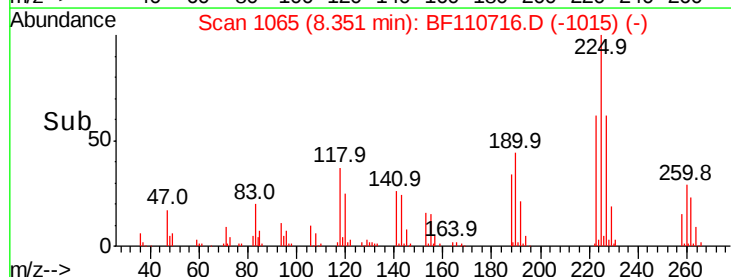
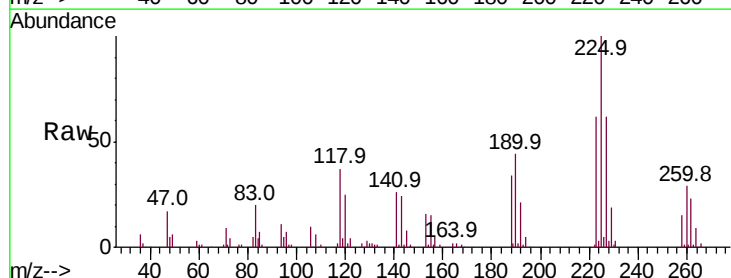
Instrument :
BNA_F
ClientSampleId :
PB114706BSD

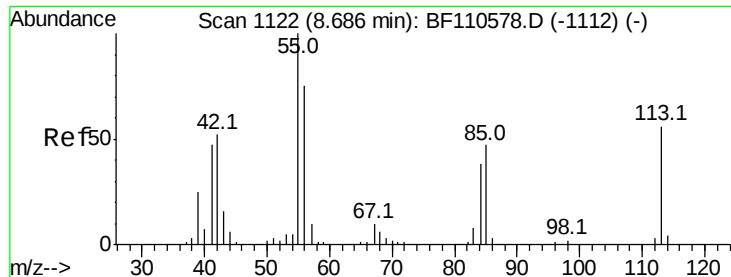
Tot Ion:	127	Resp:	102308
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.0	39.0
65	28.0	25.1	37.7
92	18.1	15.0	22.6



#34
Hexachlorobutadiene
Concen: 32.296 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:	225	Resp:	83014
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.4	77.2
227	62.0	51.0	76.6





#35

Caprolactam

Concen: 32.404 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

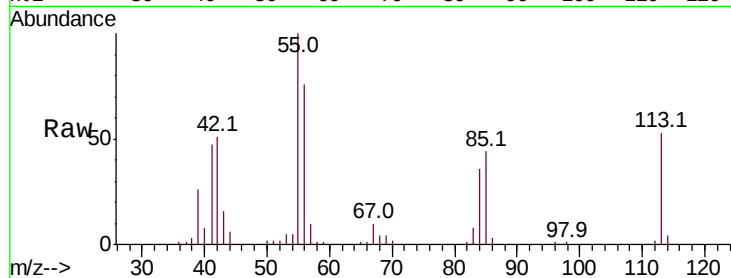
Tot Ion:113 Resp: 43212

Ion Ratio Lower Upper

113 100

55 189.0 142.8 182.8#

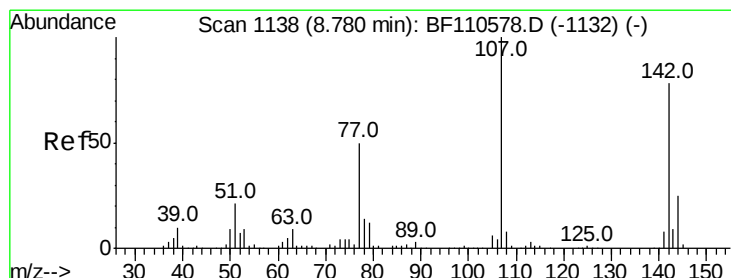
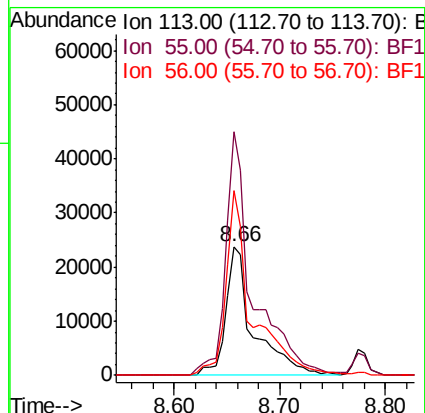
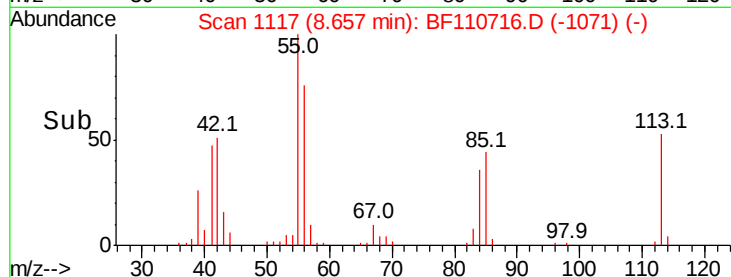
56 143.2 105.0 145.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 35.444 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

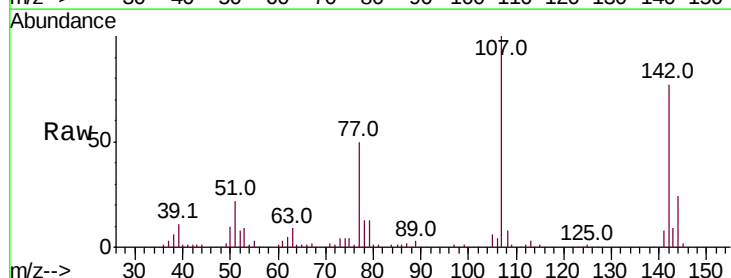
Tgt Ion:107 Resp: 152575

Ion Ratio Lower Upper

107 100

144 24.0 20.0 30.0

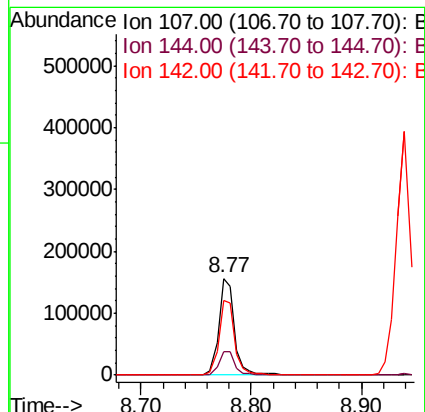
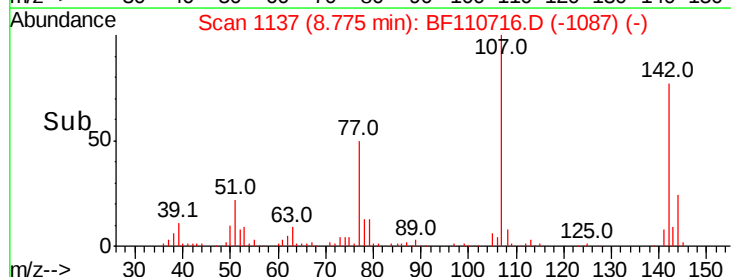
142 76.7 59.7 89.5

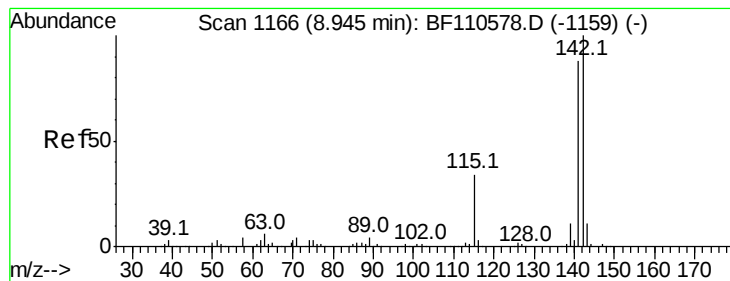


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

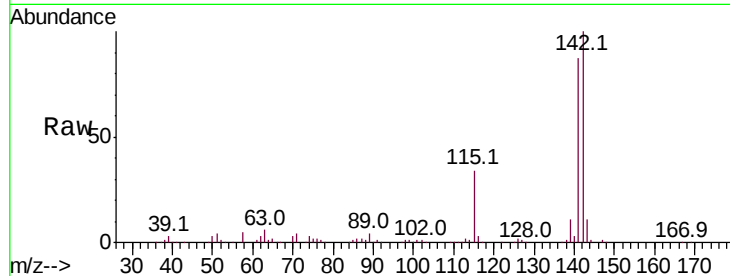




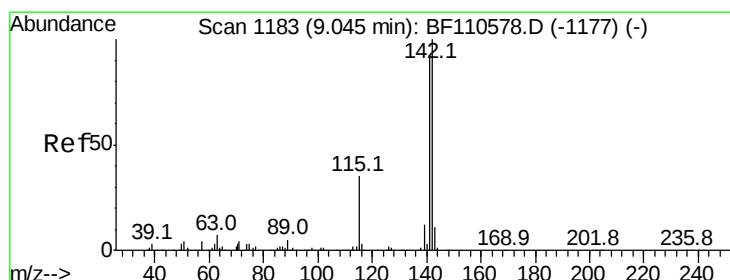
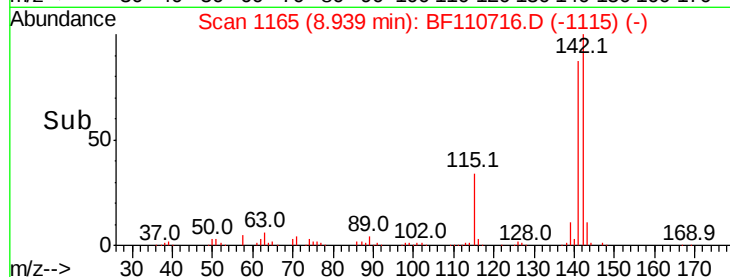
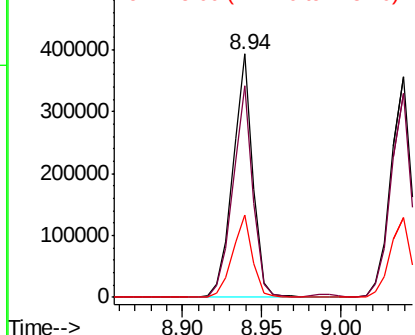
#37
 2-Methylnaphthalene
 Concen: 38.958 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF110716.D
 Acq: 13 Nov 2018 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB114706BSD

Tot Ion:142 Resp: 344068
 Ion Ratio Lower Upper
 142 100
 141 87.1 71.4 107.2
 115 33.6 28.7 43.1

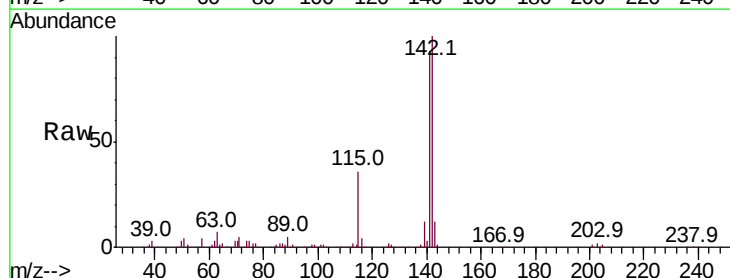


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

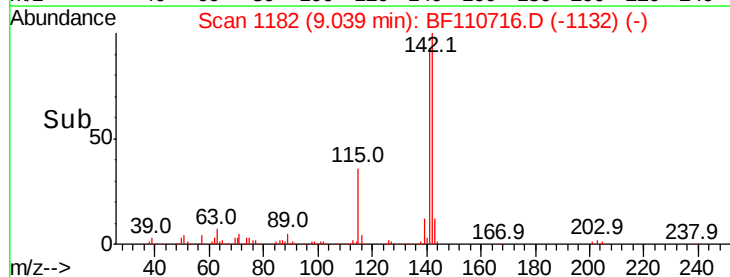
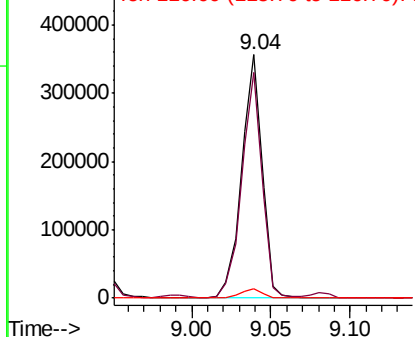


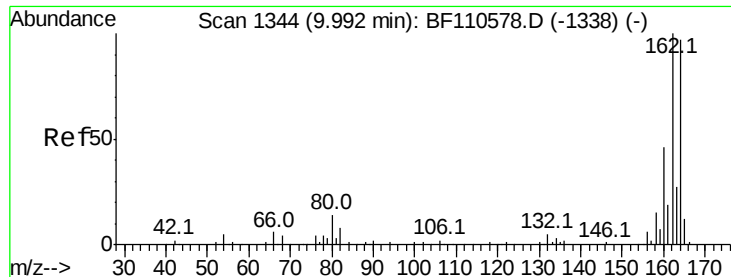
#38
 1-Methylnaphthalene
 Concen: 37.376 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF110716.D
 Acq: 13 Nov 2018 11:16

Tgt Ion:142 Resp: 317452
 Ion Ratio Lower Upper
 142 100
 141 92.5 74.2 111.4
 116 3.9 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

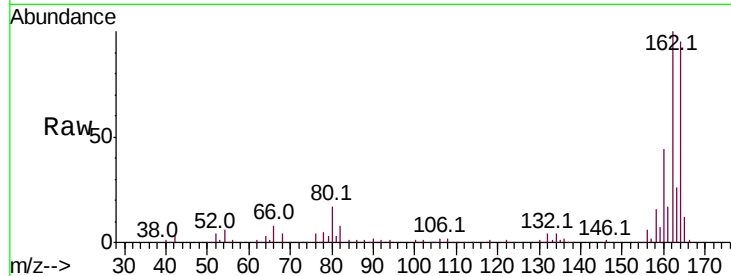




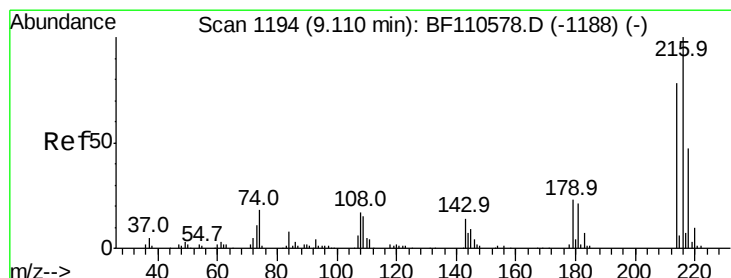
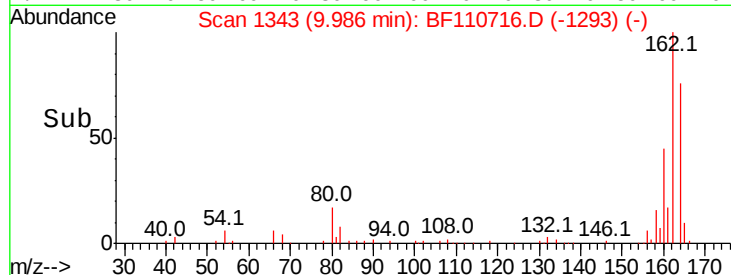
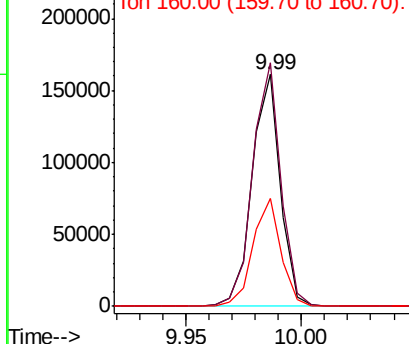
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Instrument :
BNA_F
ClientSampleId :
PB114706BSD

Tot Ion:164 Resp: 137354
Ion Ratio Lower Upper
164 100
162 105.0 83.0 124.6
160 46.5 37.0 55.6

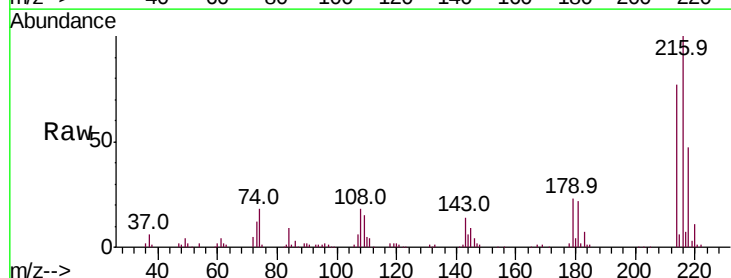


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

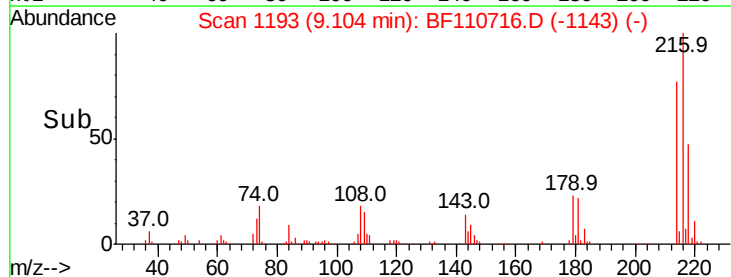
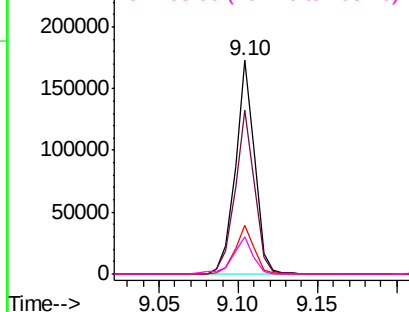


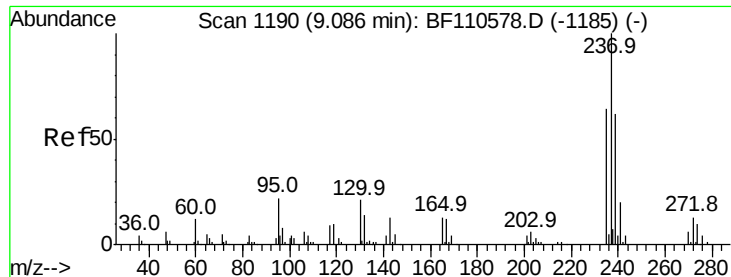
#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.566 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:216 Resp: 145940
Ion Ratio Lower Upper
216 100
214 77.7 63.8 95.6
179 22.6 16.6 25.0
108 18.7 15.1 22.7



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 31.511 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

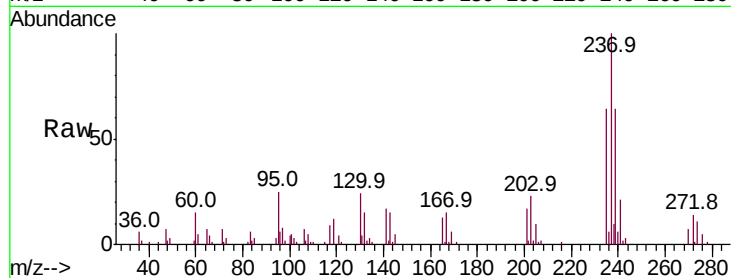
Tot Ion:237 Resp: 44750

Ion Ratio Lower Upper

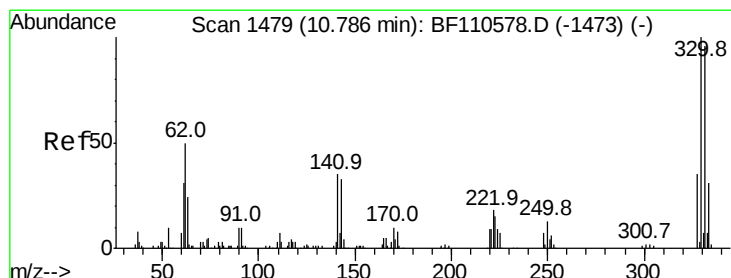
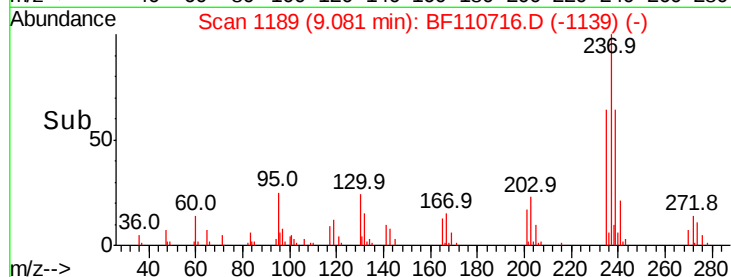
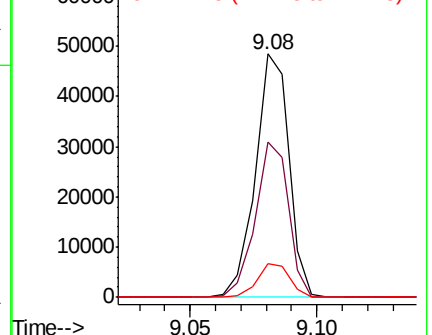
237 100

235 63.8 43.1 83.1

272 13.8 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 65.504 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

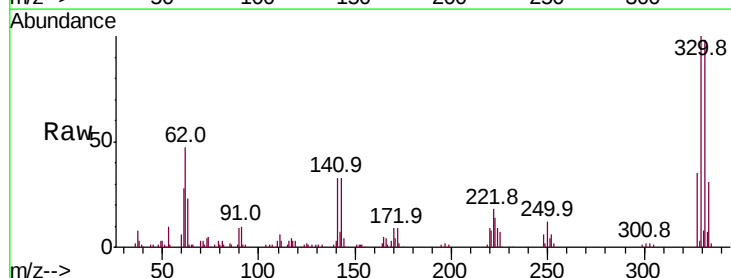
Tgt Ion:330 Resp: 90659

Ion Ratio Lower Upper

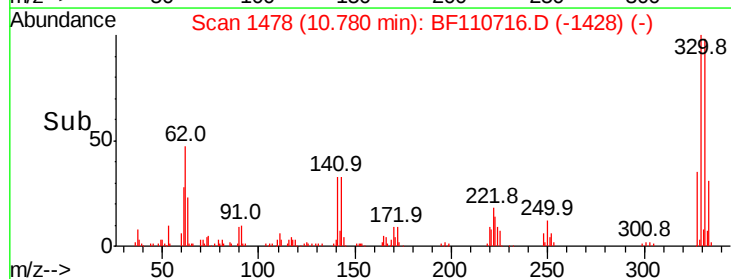
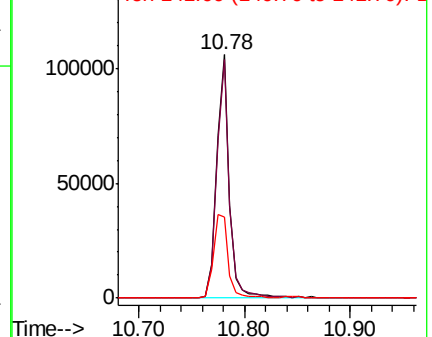
330 100

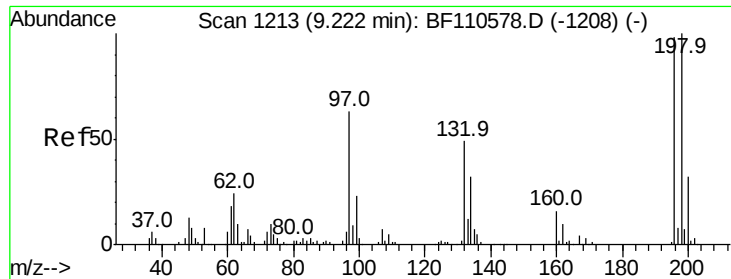
332 97.7 77.1 115.7

141 39.2 27.0 40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

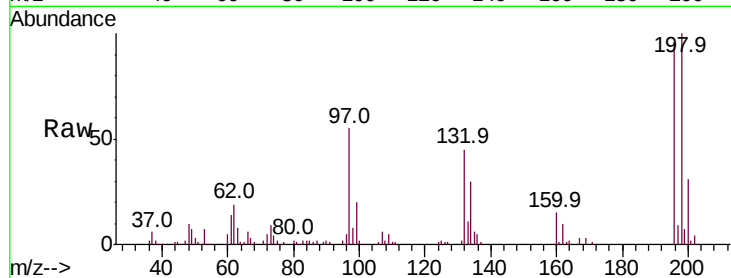




#43
 2,4,6-Trichlorophenol
 Concen: 33.570 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110716.D
 Acq: 13 Nov 2018 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB114706BSD

Tot Ion	196	Resp	91719
Ion	Ratio	Lower	Upper
196	100		
198	103.7	76.2	114.4
200	32.2	24.4	36.6

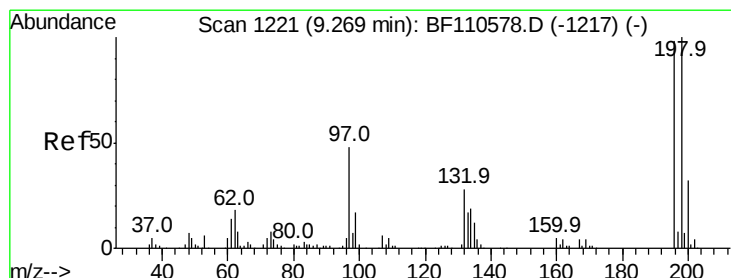
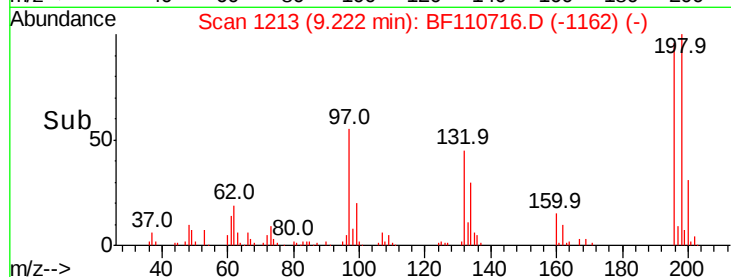
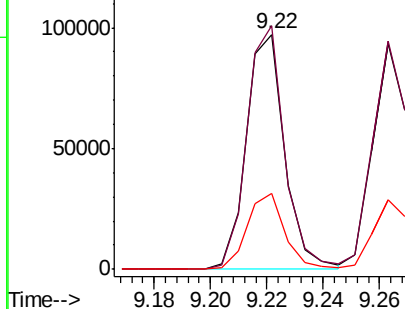


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 34.135 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110716.D
 Acq: 13 Nov 2018 11:16

Tgt Ion	196	Resp	99483
Ion	Ratio	Lower	Upper
196	100		
198	101.4	75.8	113.6
97	56.0	42.4	63.6
132	29.7	22.8	34.2

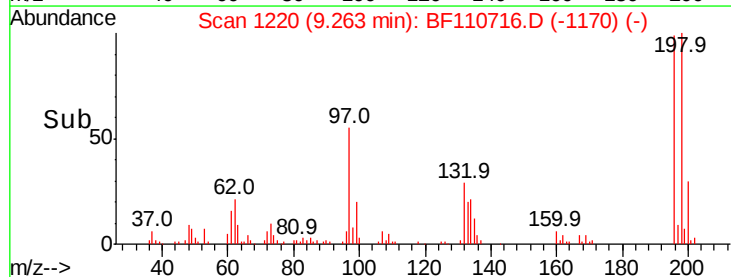
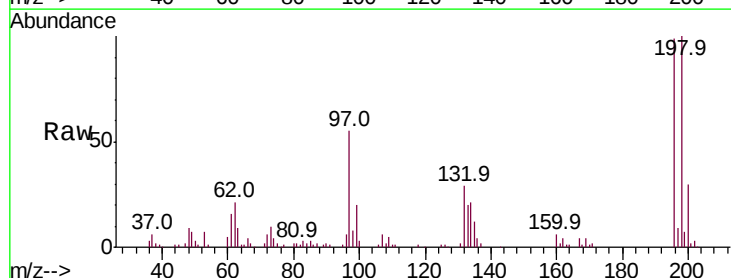
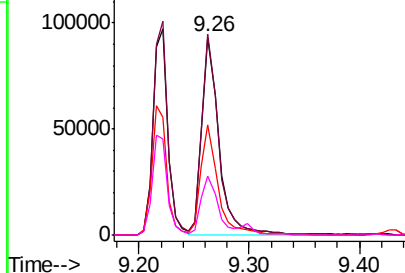
Abundance

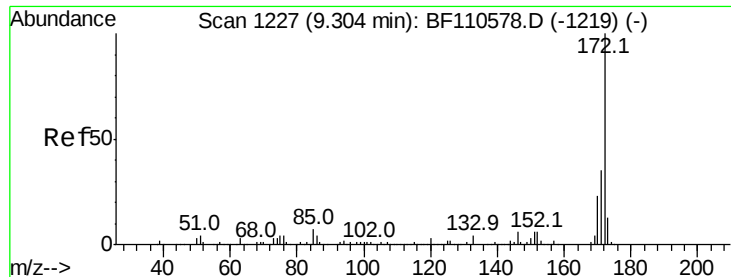
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

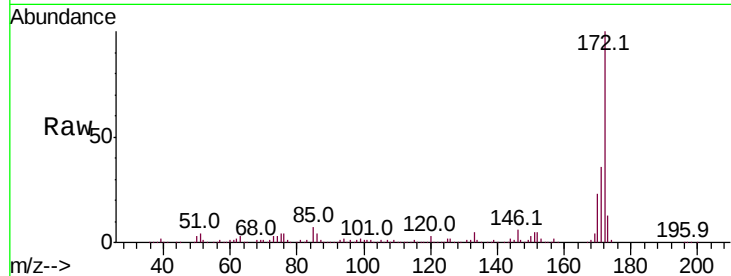




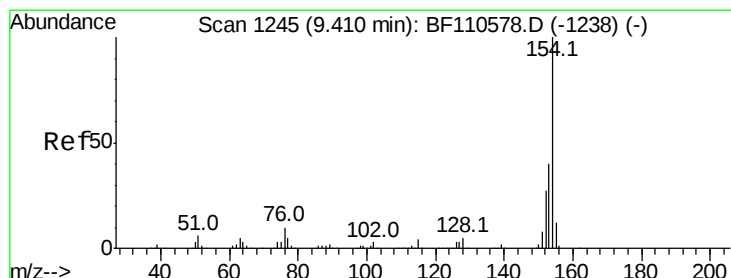
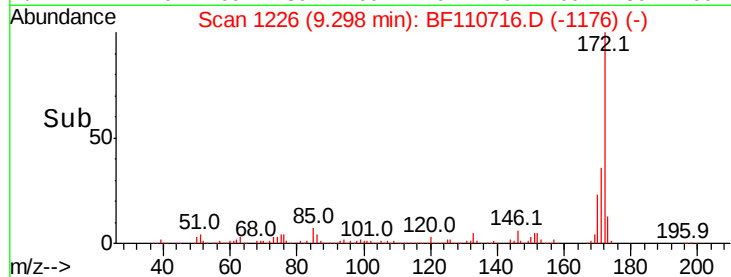
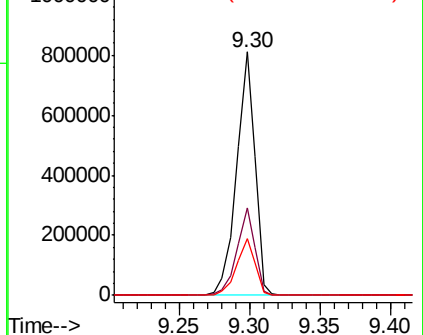
#45
2-Fluorobiphenyl
Concen: 76.329 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Instrument :
BNA_F
ClientSampleId :
PB114706BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.1	19.7	29.5

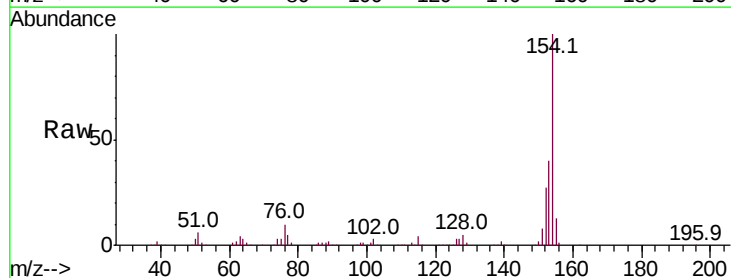


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

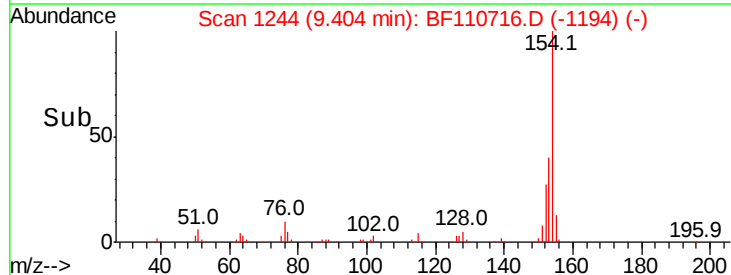
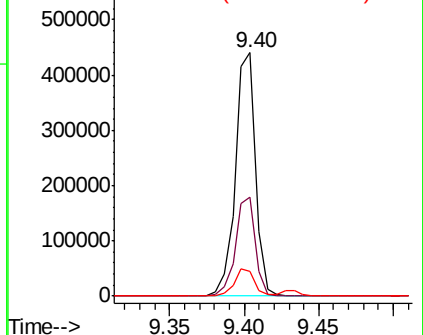


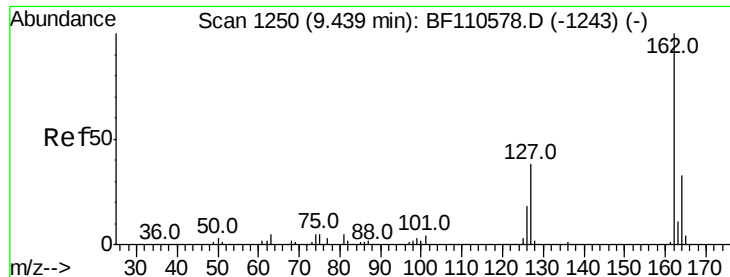
#46
1,1'-Biphenyl
Concen: 32.620 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.4	60.4
76	10.2	0.0	31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

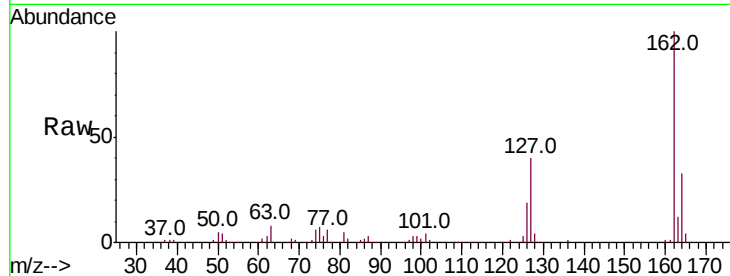




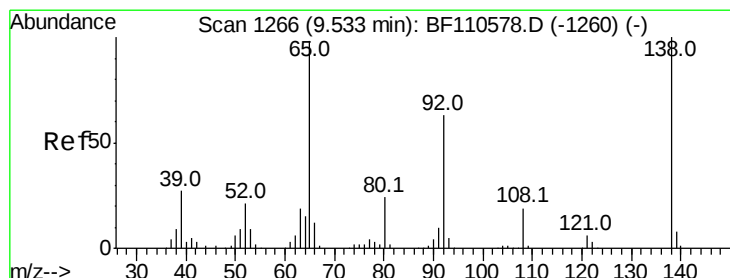
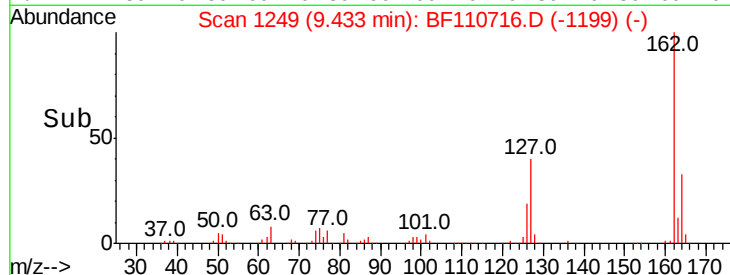
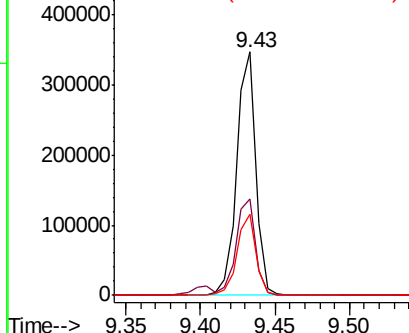
#47
 2-Chloronaphthalene
 Concen: 33.885 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110716.D
 Acq: 13 Nov 2018 11:16

Instrument :
 BNA_F
 ClientSampleId :
 PB114706BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	32.6	48.8
164	33.1	25.9	38.9

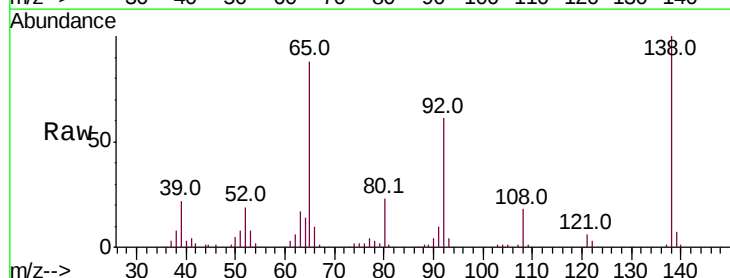


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

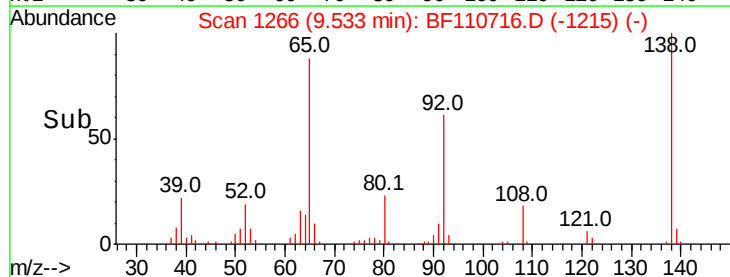
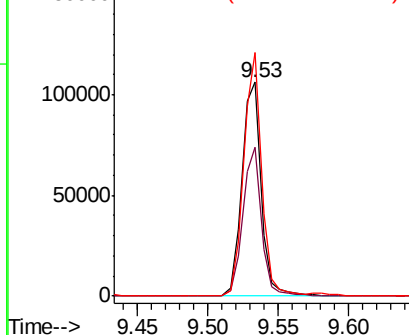


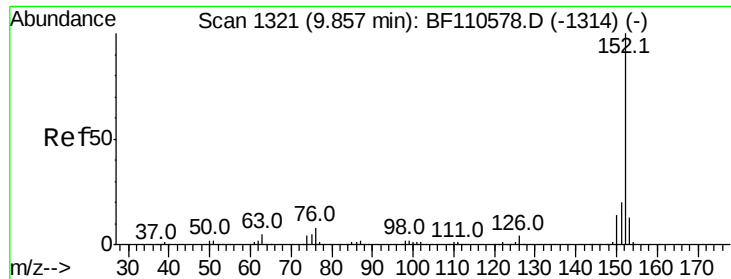
#48
 2-Nitroaniline
 Concen: 35.518 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110716.D
 Acq: 13 Nov 2018 11:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	54.6	81.8
138	113.8	80.3	120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.812 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

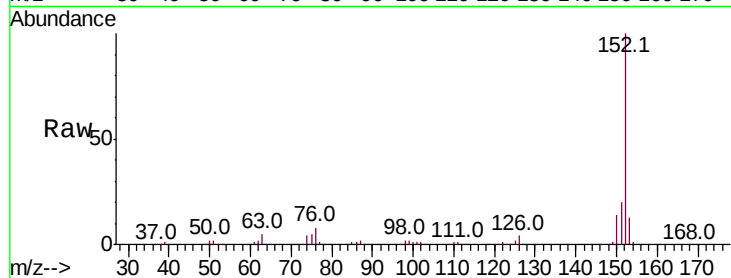
Tot Ion:152 Resp: 489373

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

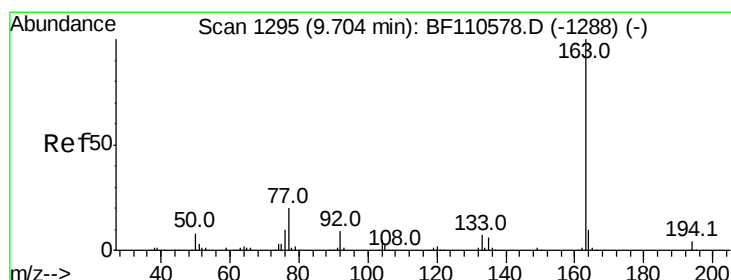
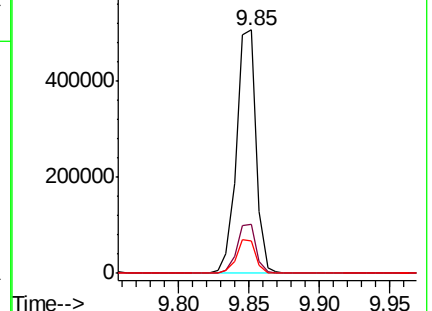
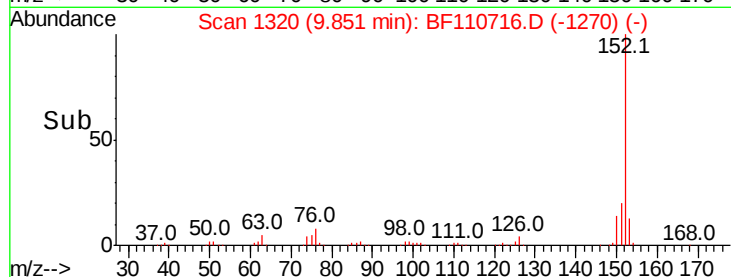
153 13.4 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.766 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

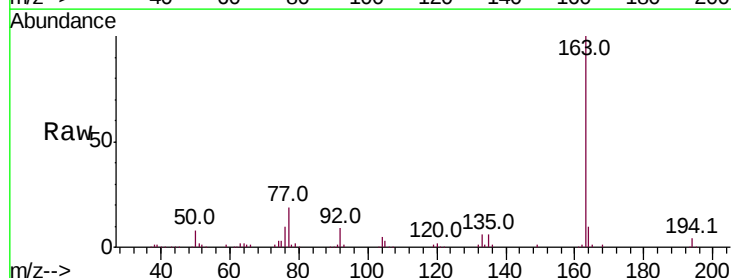
Tgt Ion:163 Resp: 366567

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

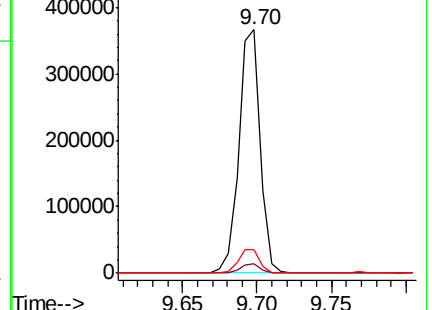
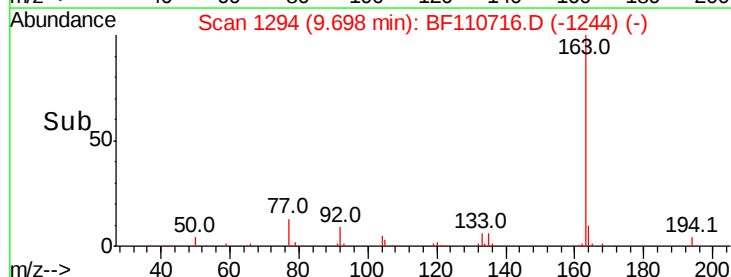
164 9.7 8.1 12.1

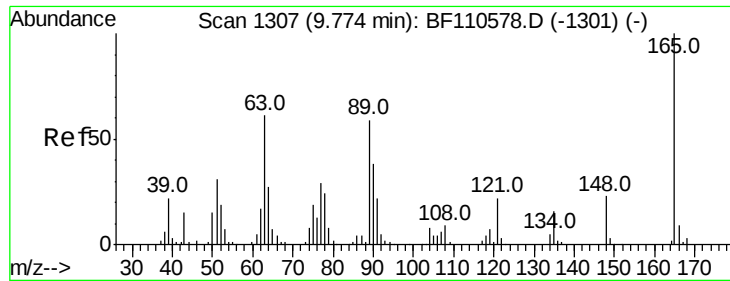


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

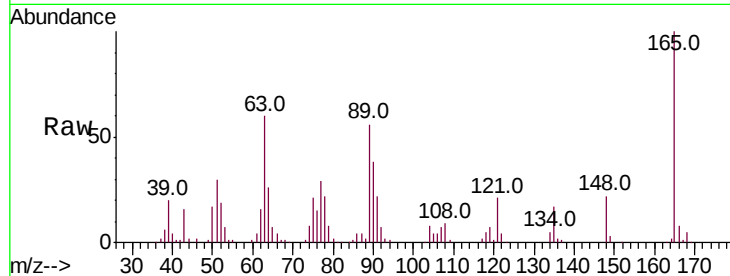




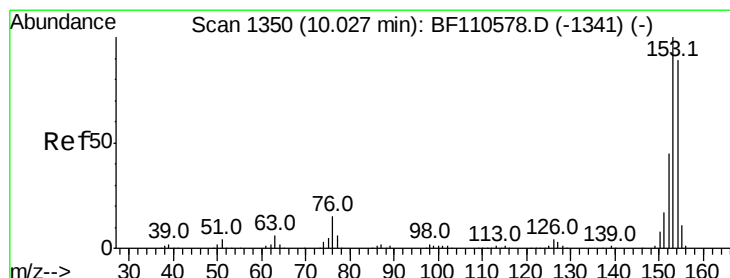
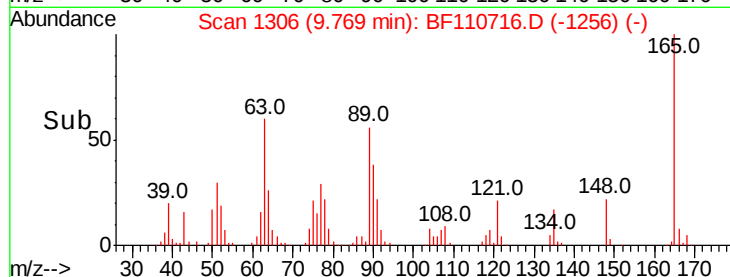
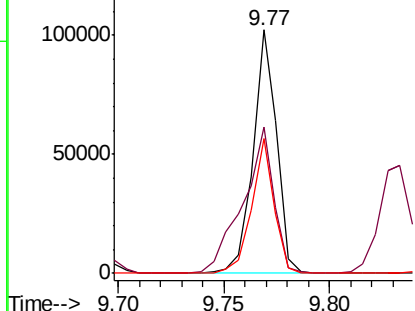
#51
2,6-Dinitrotoluene
Concen: 35.092 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Instrument :
BNA_F
ClientSampleId :
PB114706BSD

Tot Ion:165 Resp: 79117
Ion Ratio Lower Upper
165 100
63 60.0 48.9 73.3
89 55.5 46.6 69.8

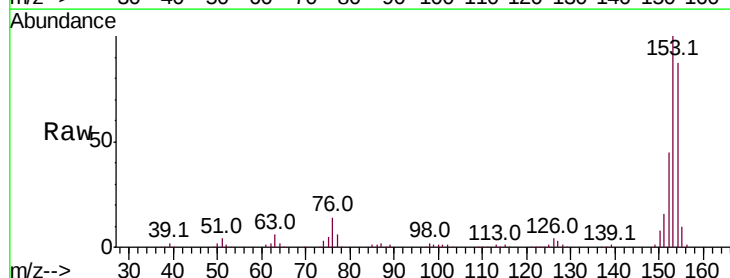


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

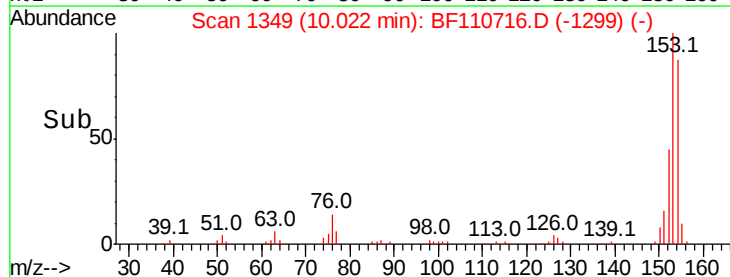
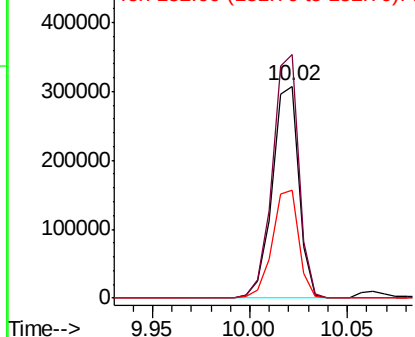


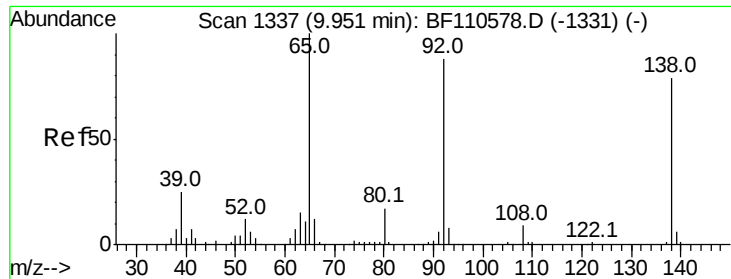
#52
Acenaphthene
Concen: 34.808 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:154 Resp: 292436
Ion Ratio Lower Upper
154 100
153 114.8 90.1 135.1
152 51.2 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

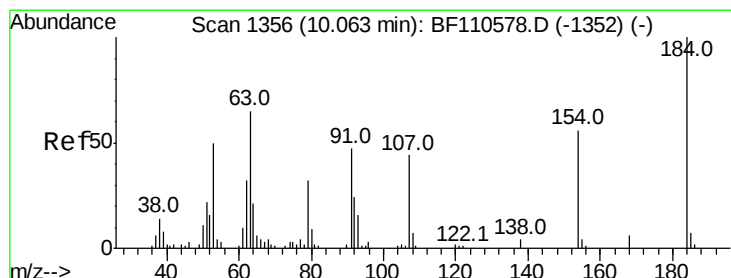
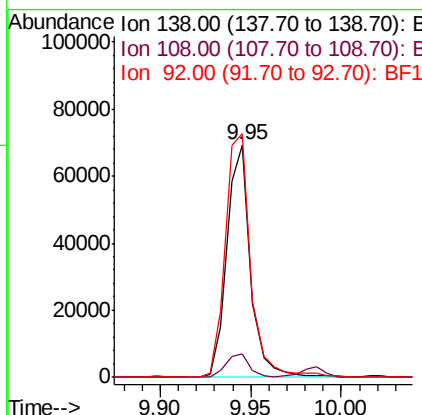
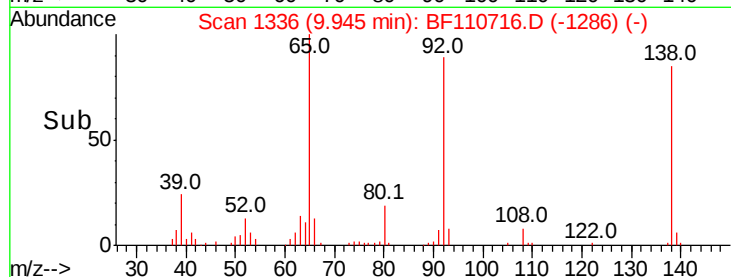
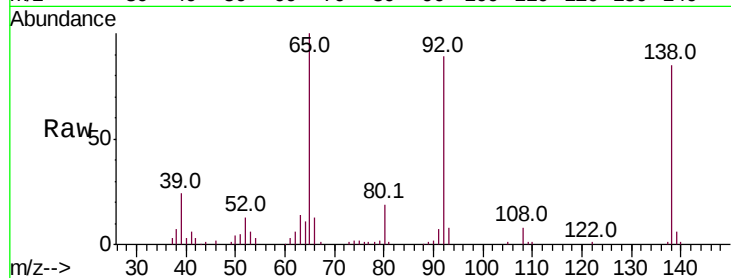




#53
3-Nitroaniline
Concen: 24.044 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

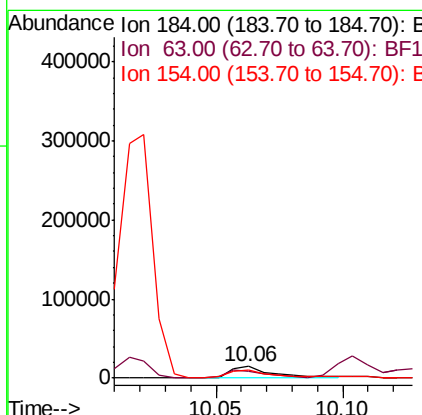
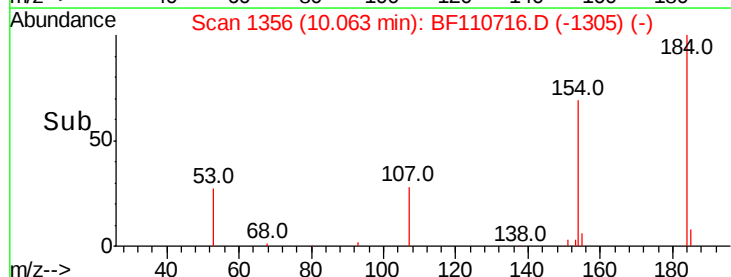
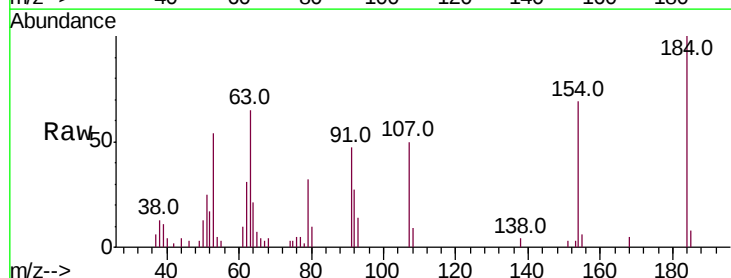
Instrument :
BNA_F
ClientSampleId :
PB114706BSD

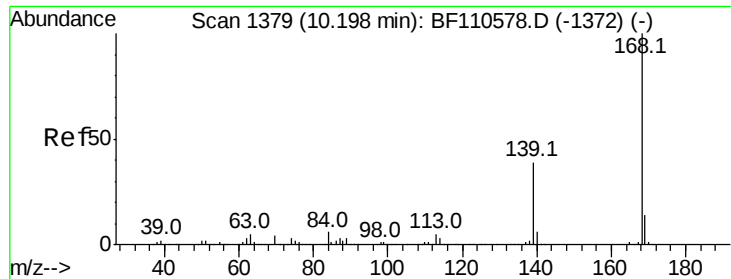
Tot Ion:138 Resp: 62803
Ion Ratio Lower Upper
138 100
108 9.9 8.7 13.1
92 104.9 97.0 145.4



#54
2,4-Dinitrophenol
Concen: 23.022 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:184 Resp: 17481
Ion Ratio Lower Upper
184 100
63 64.8 55.8 83.6
154 69.4 63.2 94.8

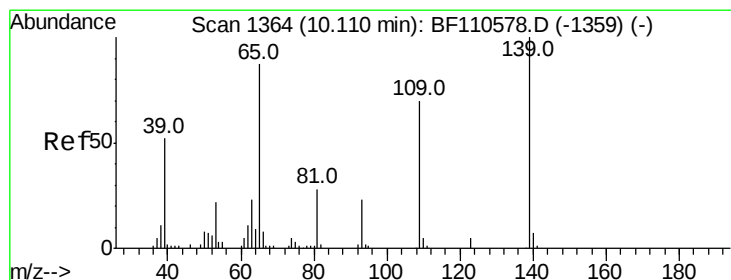
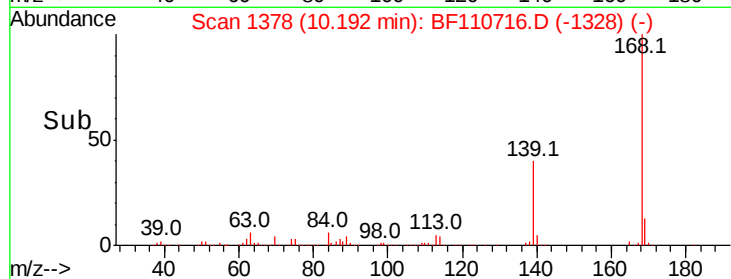
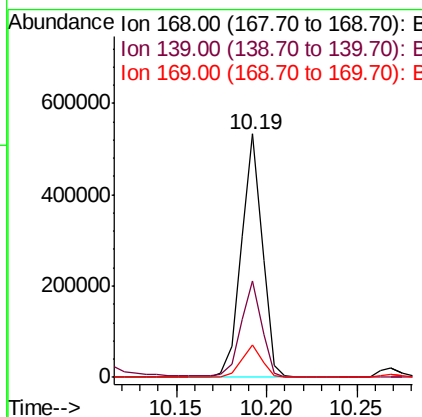
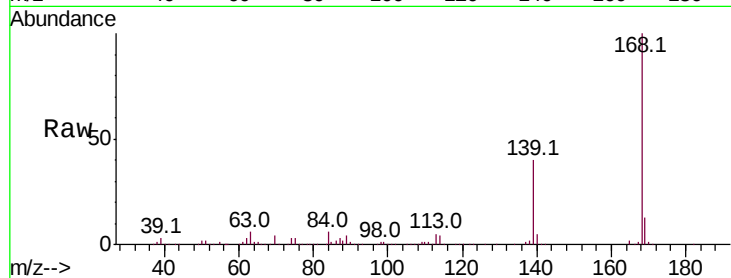




#55
Dibenzofuran
Concen: 34.761 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

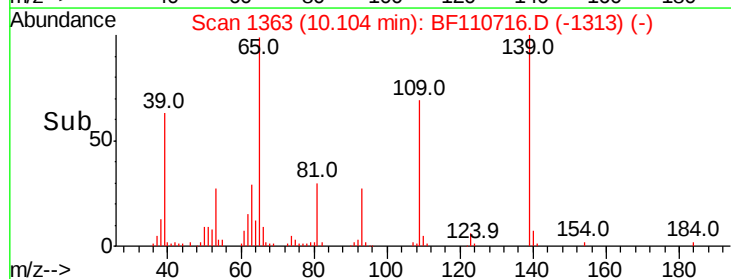
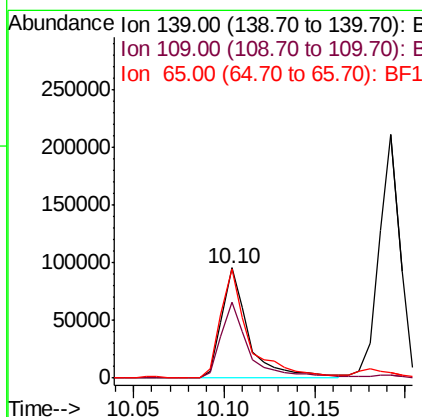
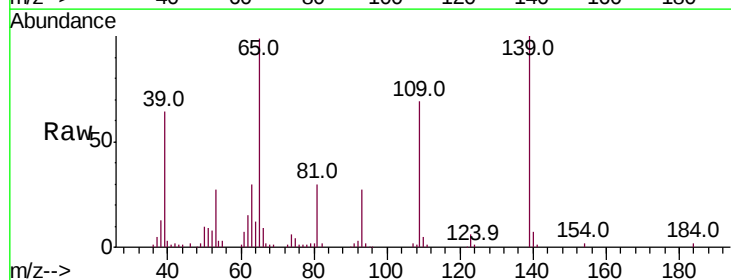
Instrument :
BNA_F
ClientSampleId :
PB114706BSD

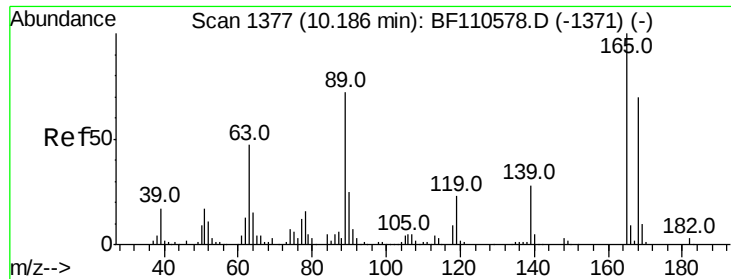
Tot Ion:168 Resp: 427275
Ion Ratio Lower Upper
168 100
139 39.5 33.0 49.6
169 13.4 11.3 16.9



#56
4-Nitrophenol
Concen: 57.369 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:139 Resp: 99414
Ion Ratio Lower Upper
139 100
109 69.0 55.8 95.8
65 99.4 77.9 117.9

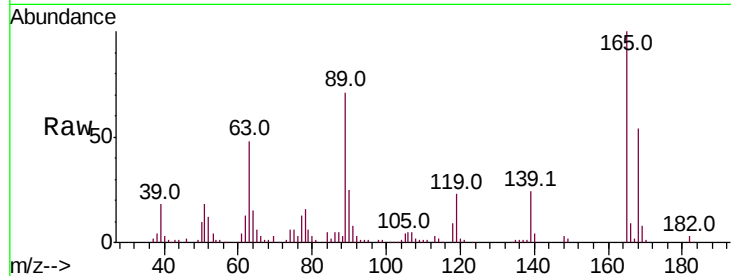




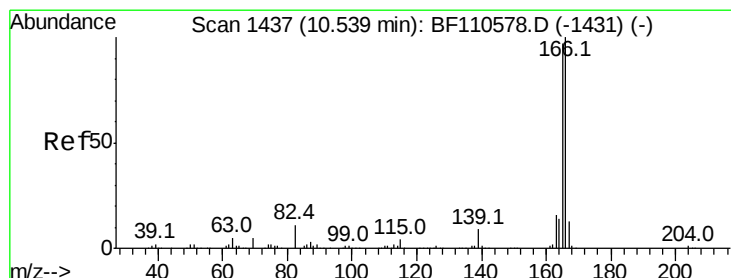
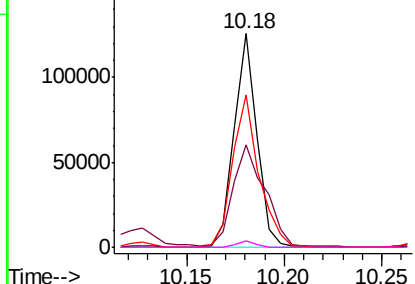
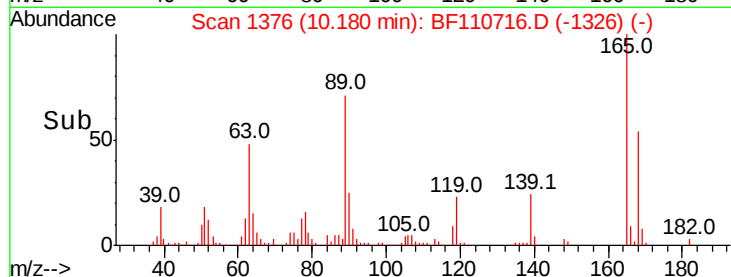
#57
2,4-Dinitrotoluene
Concen: 34.779 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Instrument :
BNA_F
ClientSampleId :
PB114706BSD

Tot Ion:	165	Resp:	101953
Ion	Ratio	Lower	Upper
165	100		
63	47.9	44.8	67.2
89	71.3	62.2	93.4
182	2.8	2.1	3.1

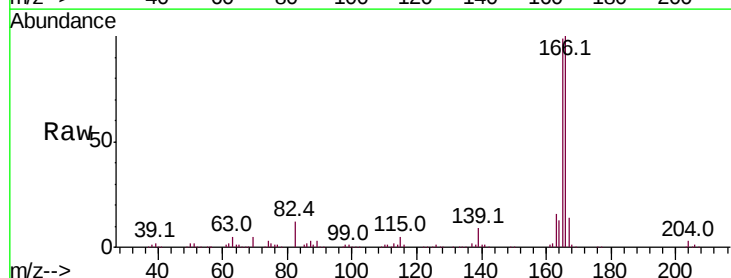


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

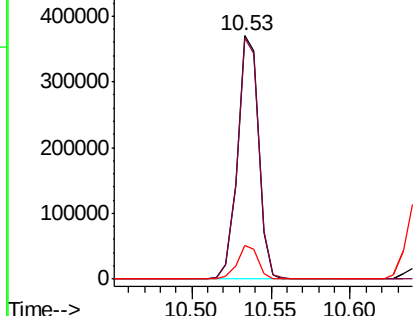
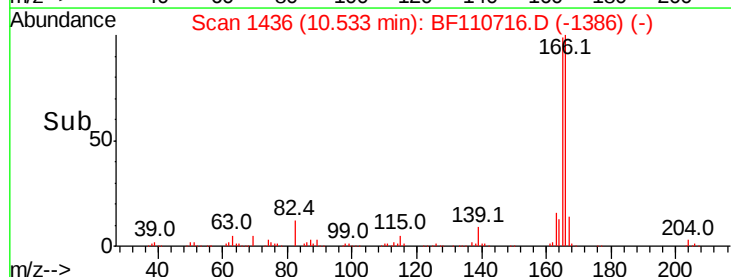


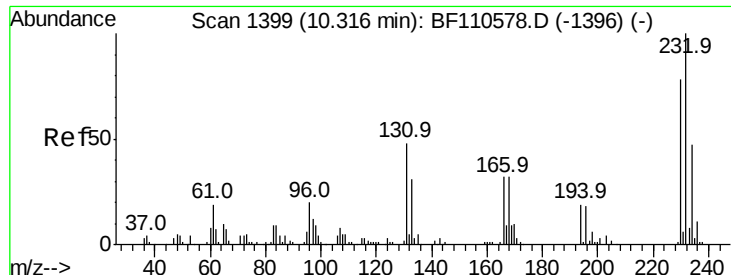
#58
Fluorene
Concen: 36.182 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:	166	Resp:	341605
Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	117.8
167	13.9	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

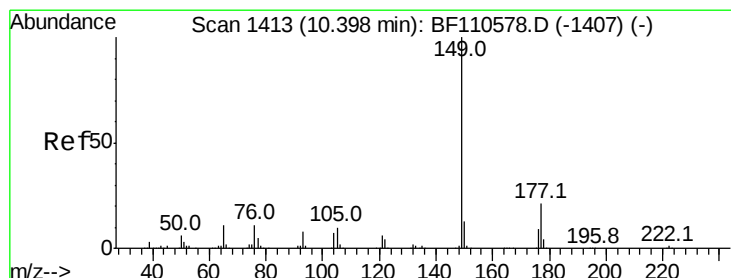
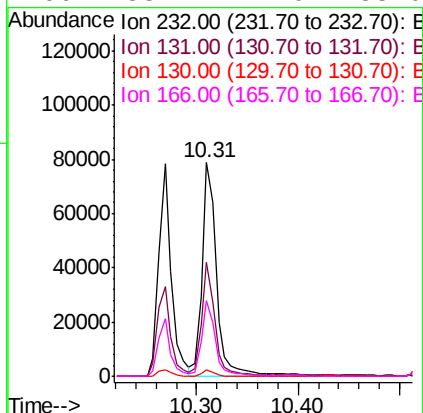
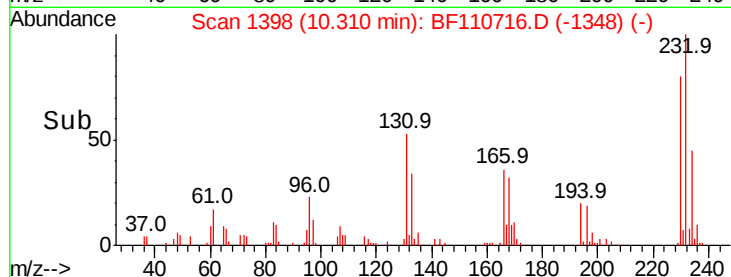
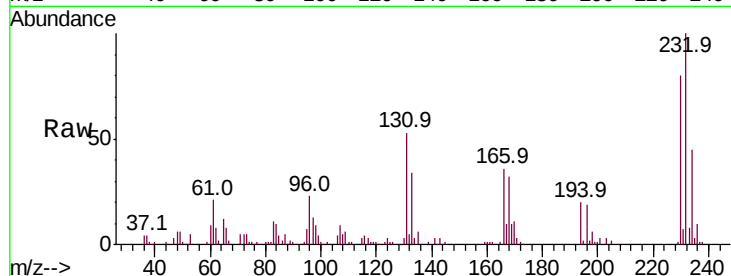




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.664 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF110716.D
 Acq: 13 Nov 2018 11:16

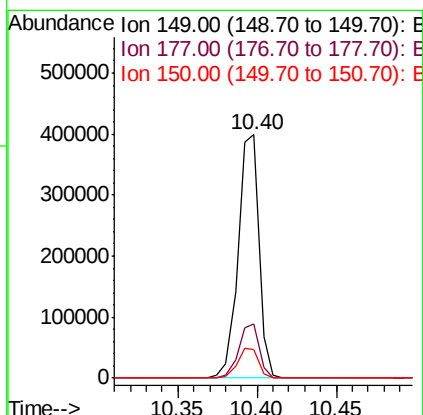
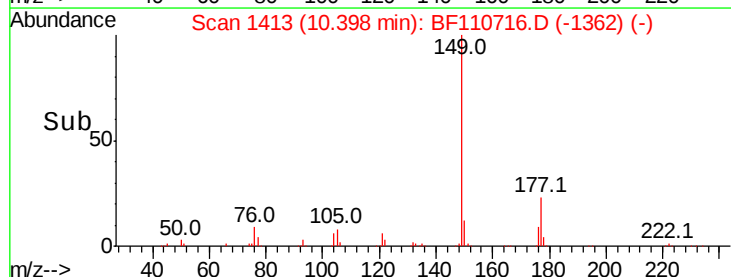
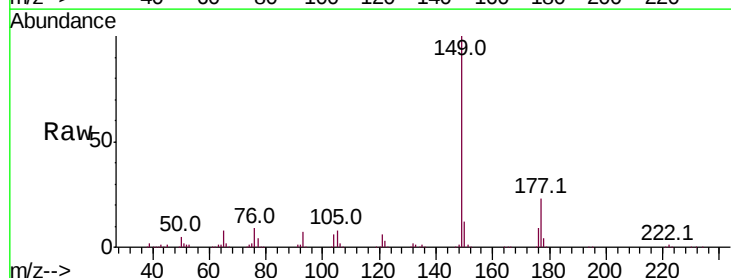
Instrument :
 BNA_F
 ClientSampleId :
 PB114706BSD

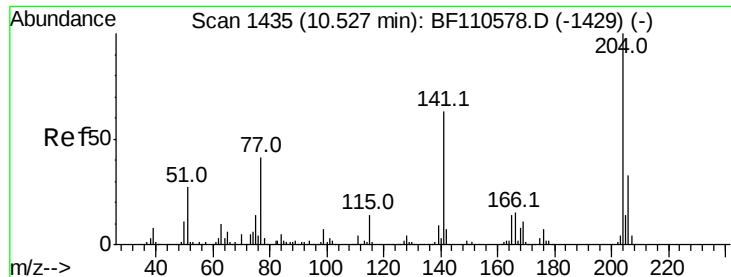
Tot Ion:232 Resp: 79474
 Ion Ratio Lower Upper
 232 100
 131 48.5 37.0 55.4
 130 2.2 1.8 2.6
 166 33.2 22.0 33.0#



#60
 Diethylphthalate
 Concen: 36.005 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110716.D
 Acq: 13 Nov 2018 11:16

Tgt Ion:149 Resp: 365071
 Ion Ratio Lower Upper
 149 100
 177 22.5 17.4 26.2
 150 11.9 9.8 14.8

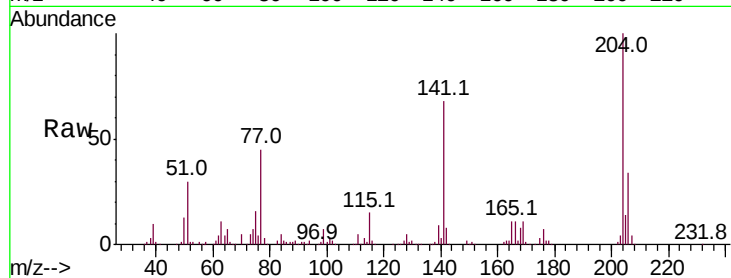




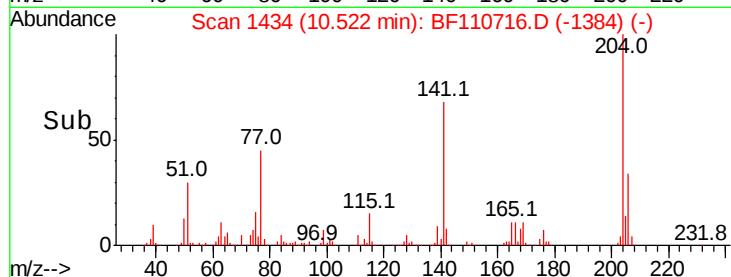
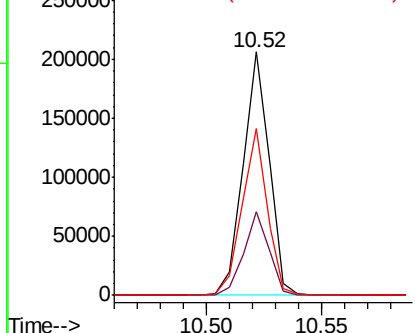
#61
4-Chlorophenyl-phenylether
Concen: 33.257 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Instrument :
BNA_F
ClientSampleId :
PB114706BSD

Tot Ion:204 Resp: 162574
Ion Ratio Lower Upper
204 100
206 34.4 26.5 39.7
141 68.4 51.8 77.8

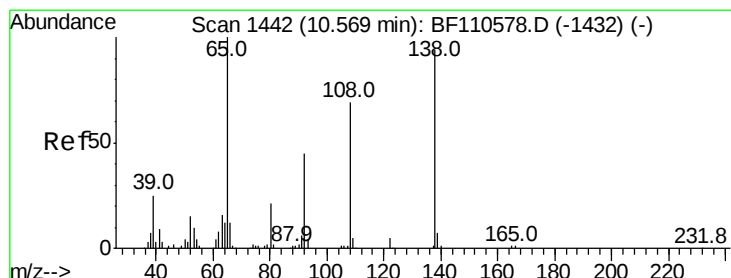


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

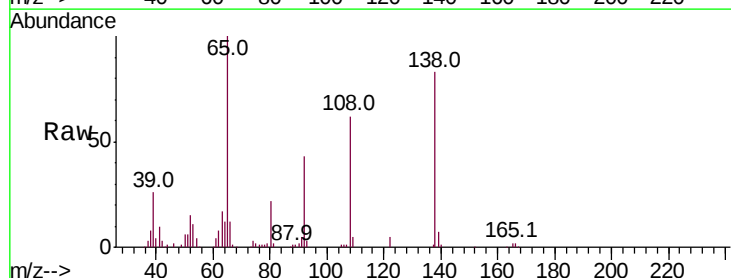
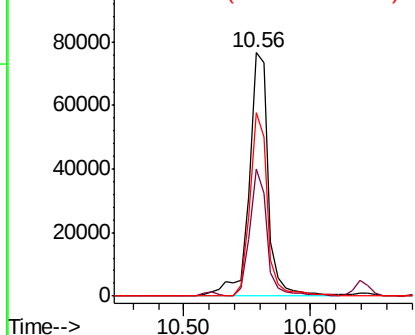


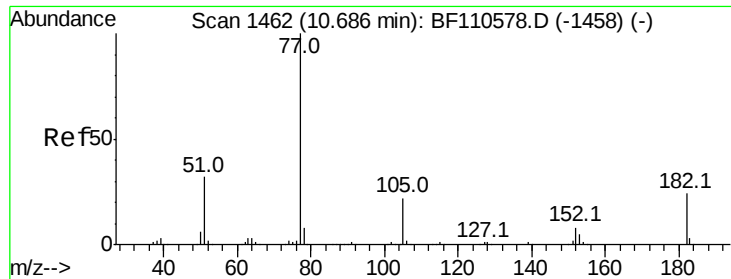
#62
4-Nitroaniline
Concen: 31.080 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:138 Resp: 81749
Ion Ratio Lower Upper
138 100
92 52.1 31.7 71.7
108 75.3 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 34.652 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

Tot Ion: 77 Resp: 342799

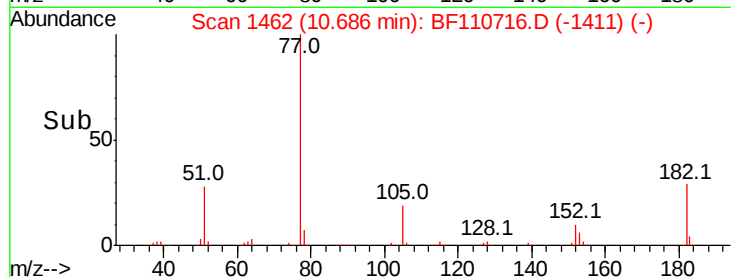
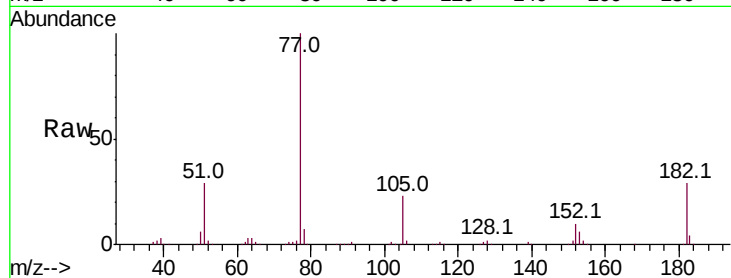
Ion Ratio Lower Upper

77 100

182 28.6 4.3 44.3

105 22.8 1.3 41.3

51 28.9 9.0 49.0

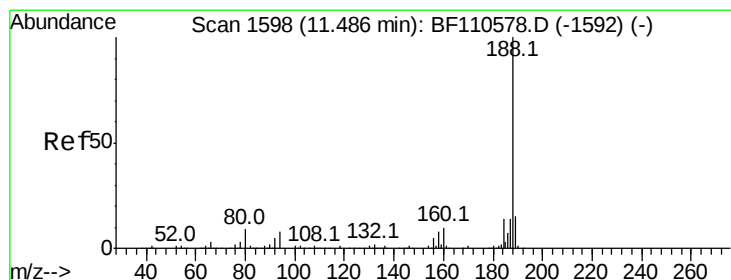
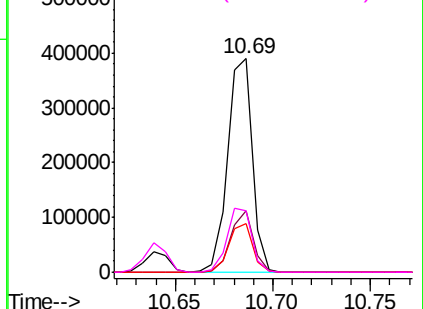


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

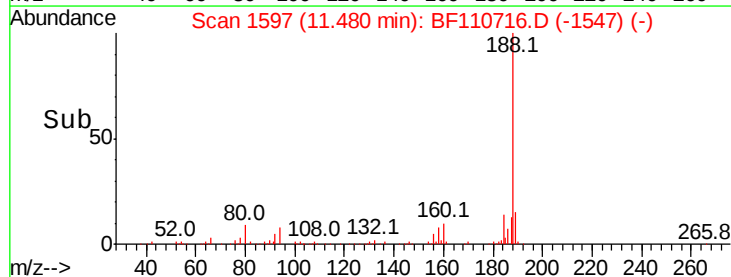
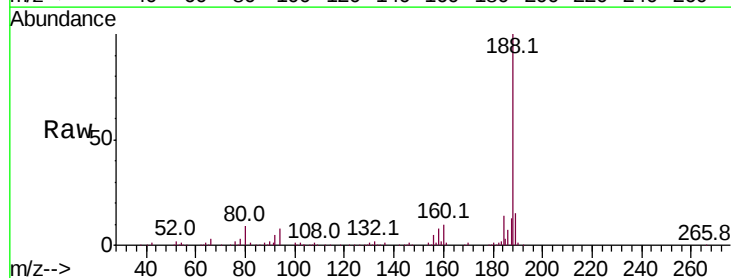
Tgt Ion: 188 Resp: 236907

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

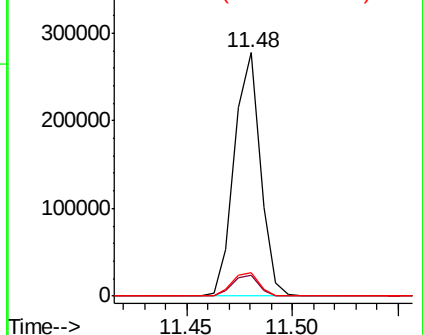
80 9.4 7.9 11.9

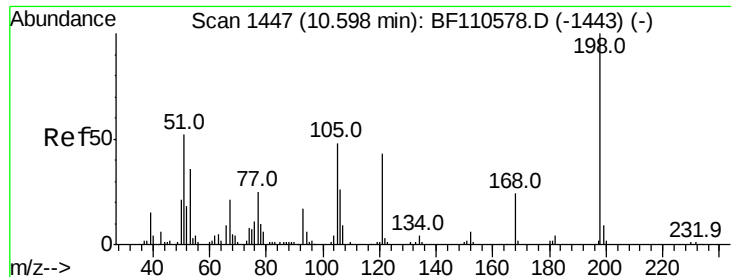


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 14.270 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

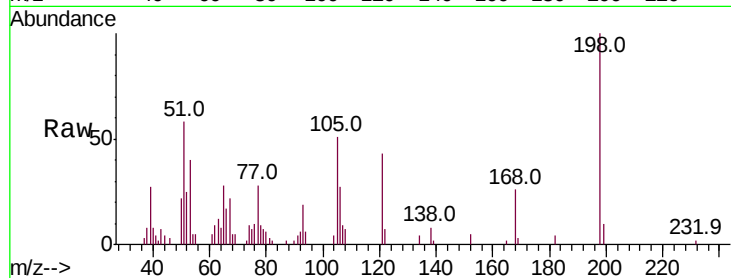
Tot Ion:198 Resp: 17038

Ion Ratio Lower Upper

198 100

51 58.2 22.8 62.8

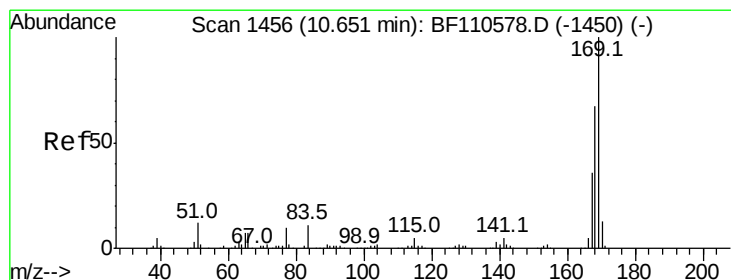
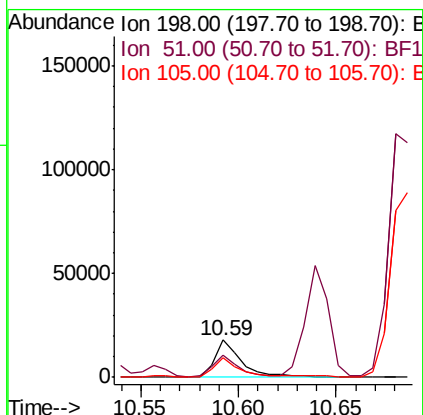
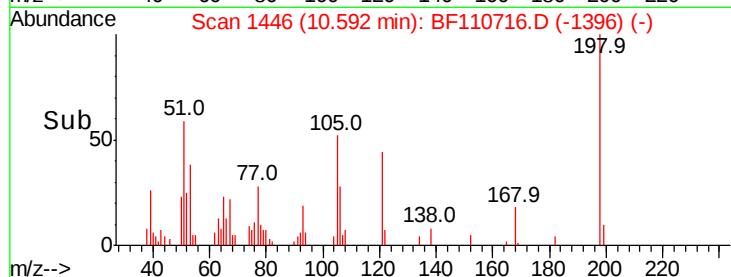
105 51.3 23.6 63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.262 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

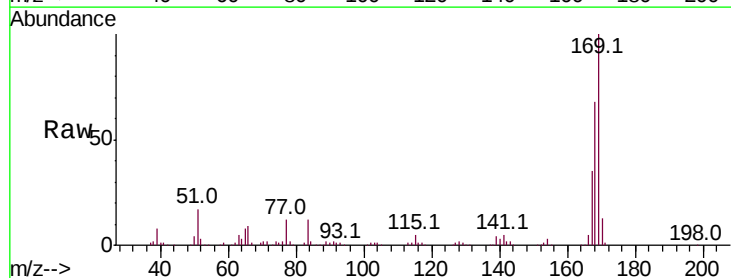
Tgt Ion:169 Resp: 297549

Ion Ratio Lower Upper

169 100

168 67.5 51.2 76.8

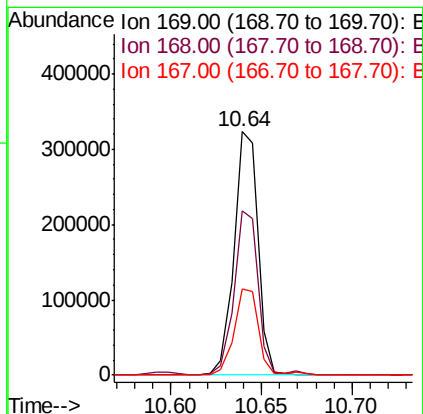
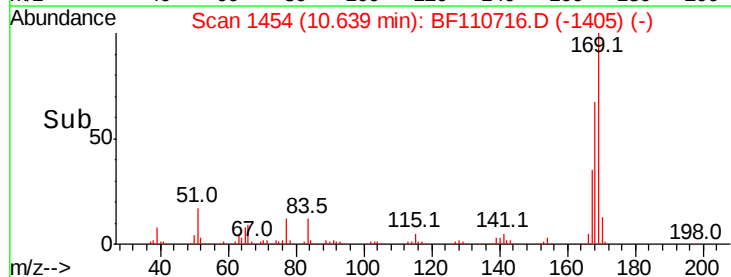
167 35.3 27.8 41.6

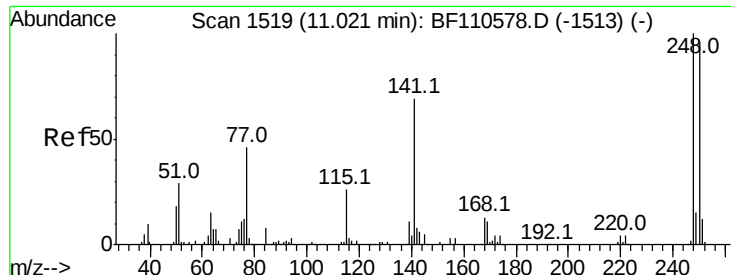


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

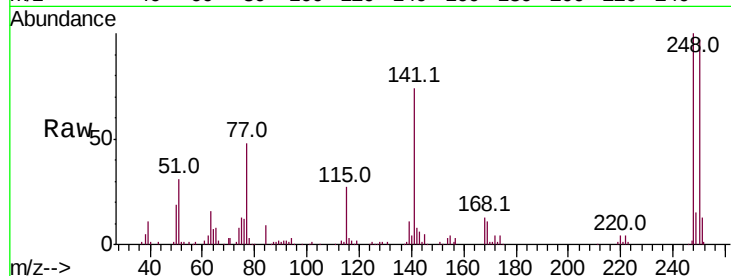




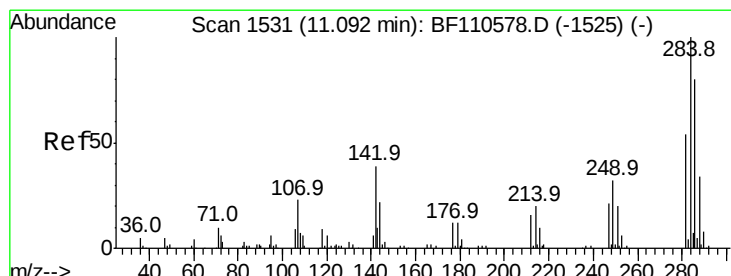
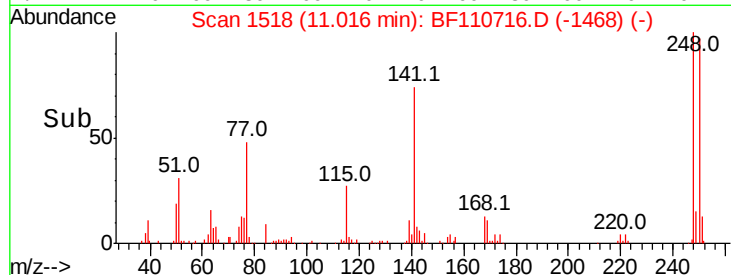
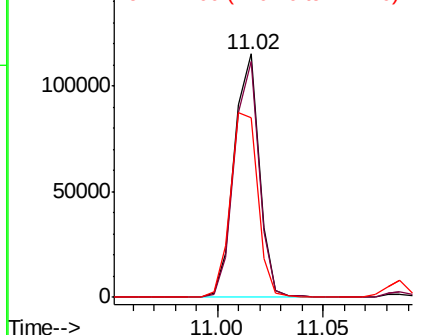
#67
4-Bromophenyl-phenylether
Concen: 35.955 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Instrument :
BNA_F
ClientSampleId :
PB114706BSD

Tot Ion:248 Resp: 94141
Ion Ratio Lower Upper
248 100
250 96.8 79.4 119.2
141 73.8 55.9 83.9

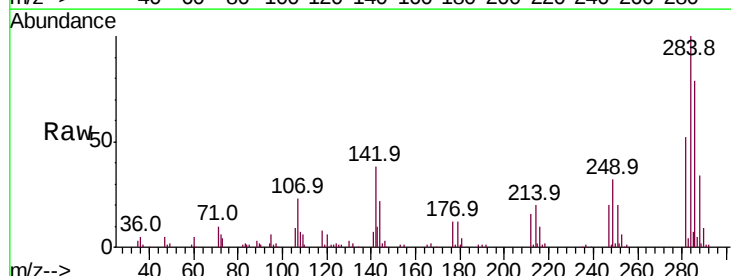


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

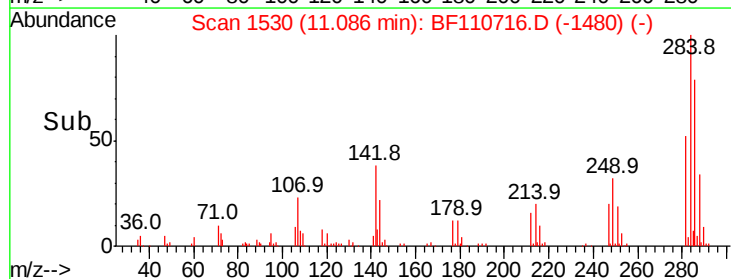
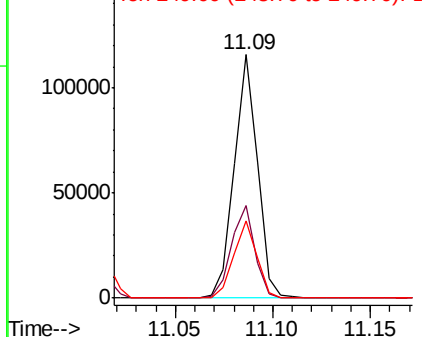


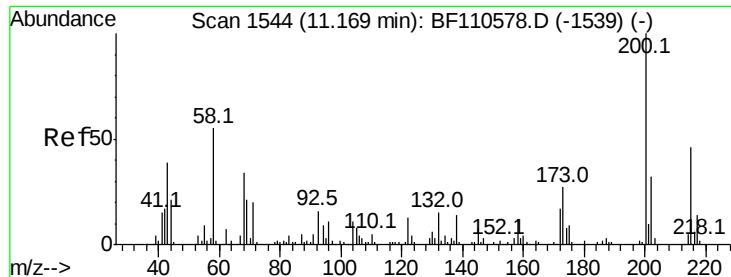
#68
Hexachlorobenzene
Concen: 34.743 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:284 Resp: 95909
Ion Ratio Lower Upper
284 100
142 38.1 23.9 35.9#
249 31.5 24.2 36.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

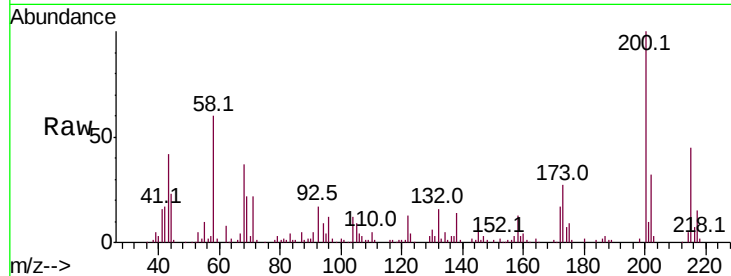




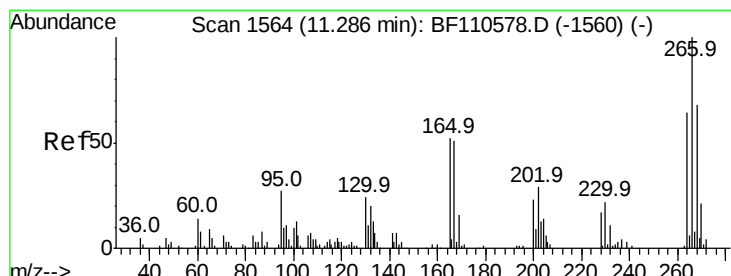
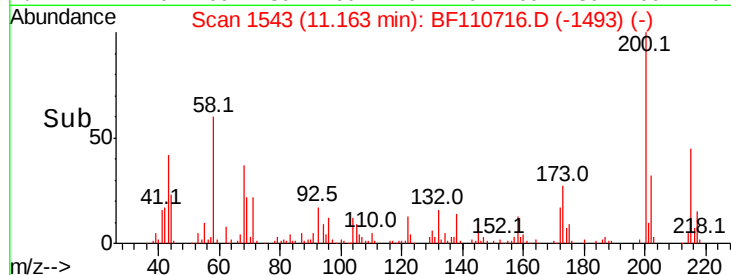
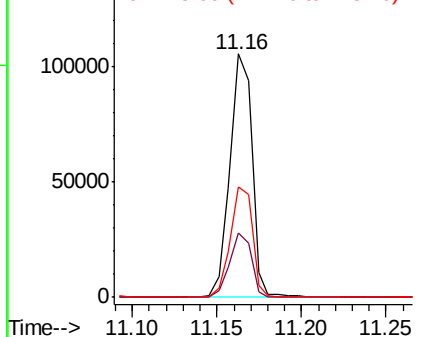
#69
Atrazine
Concen: 39.286 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Instrument :
BNA_F
ClientSampleId :
PB114706BSD

Tot Ion:200 Resp: 95922
Ion Ratio Lower Upper
200 100
173 26.5 6.6 46.6
215 45.2 26.3 66.3

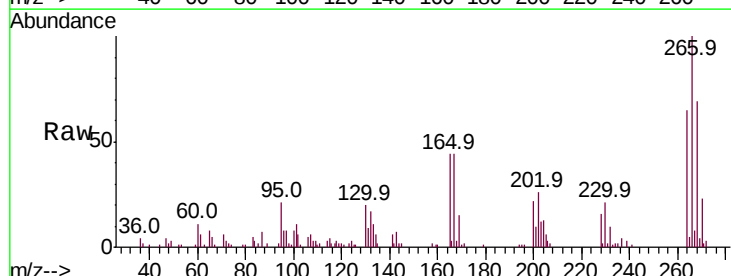


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

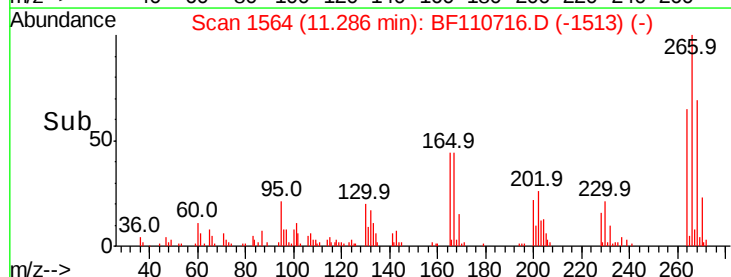
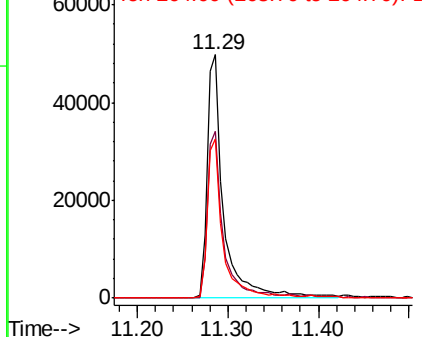


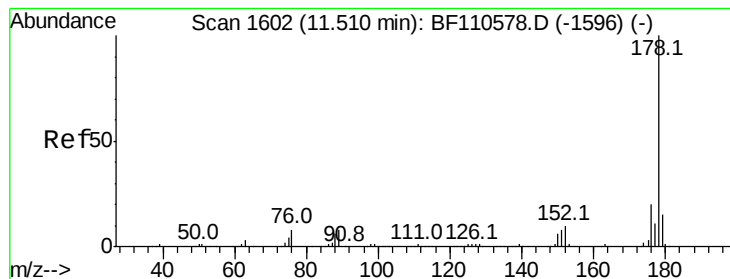
#70
Pentachlorophenol
Concen: 43.566 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:266 Resp: 64171
Ion Ratio Lower Upper
266 100
268 68.6 50.6 75.8
264 65.2 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.994 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

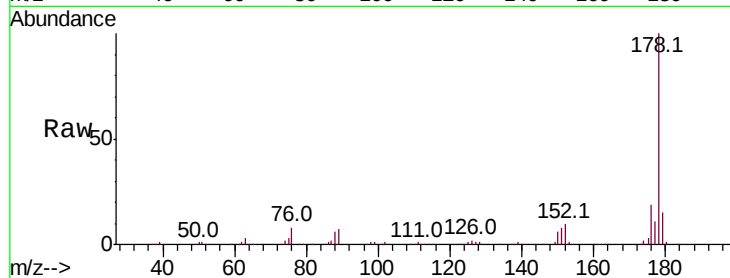
Tot Ion:178 Resp: 469541

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

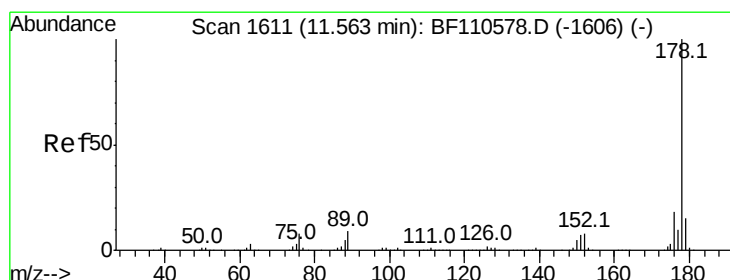
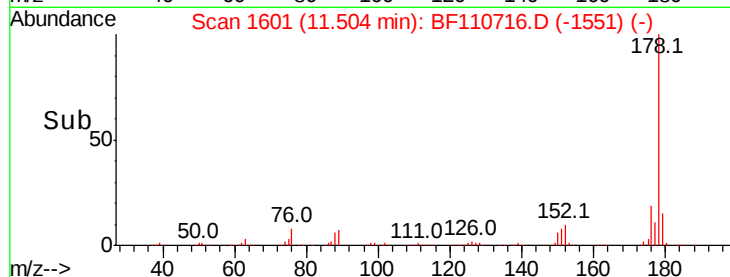
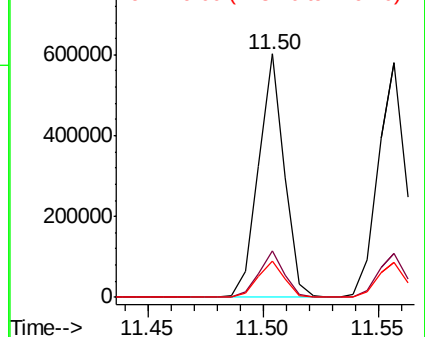
179 14.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.957 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

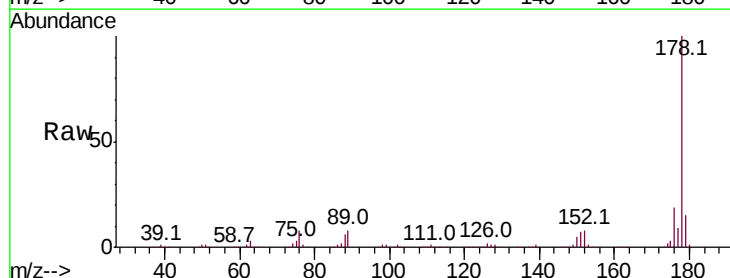
Tgt Ion:178 Resp: 485984

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

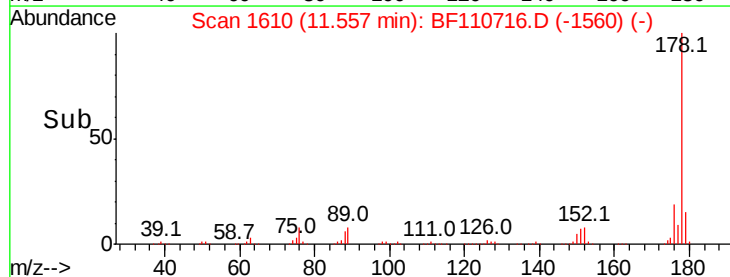
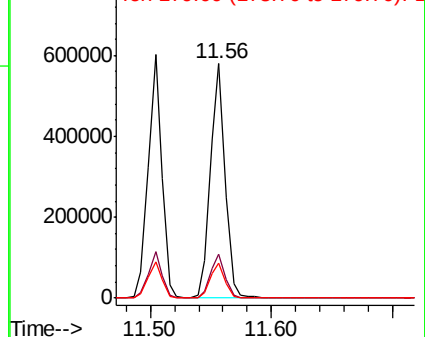
179 14.9 12.6 18.8

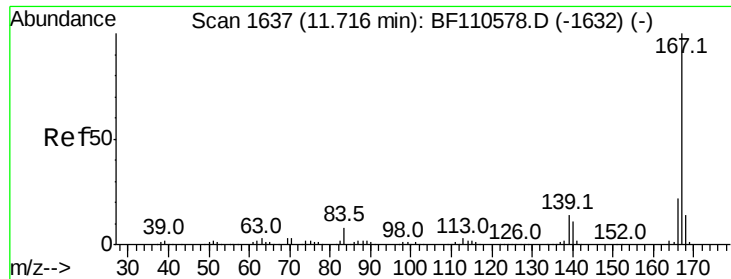


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

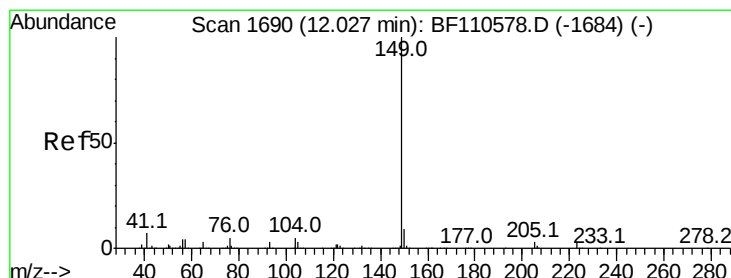
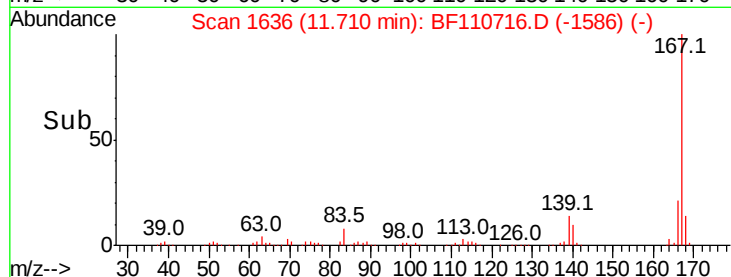
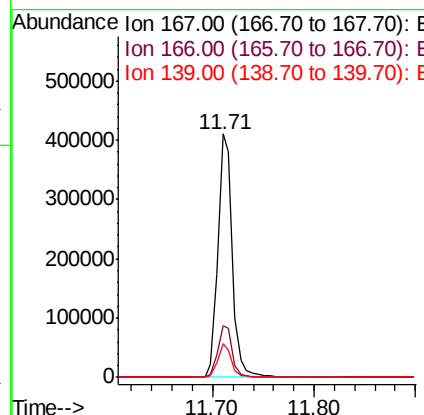
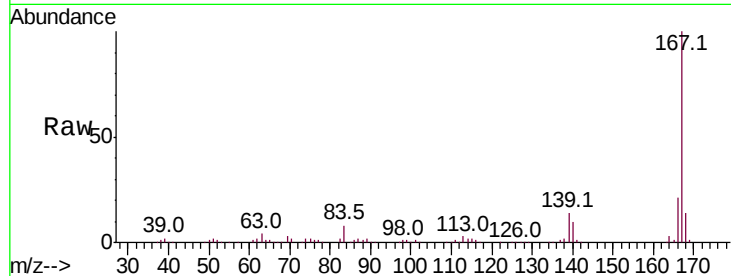




#73
 Carbazole
 Concen: 33.083 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110716.D
 Acq: 13 Nov 2018 11:16

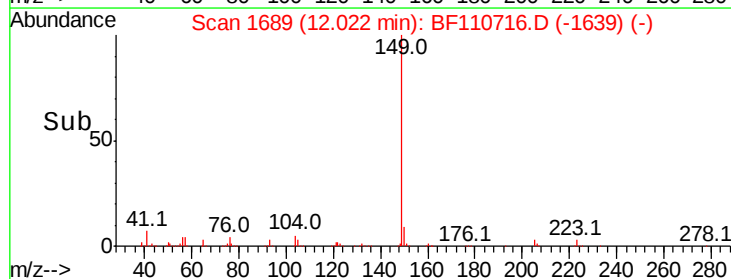
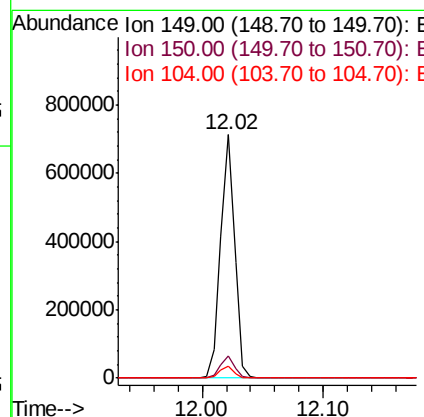
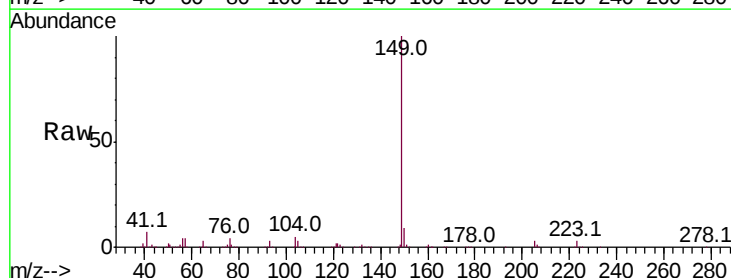
Instrument :
 BNA_F
 ClientSampleId :
 PB114706BSD

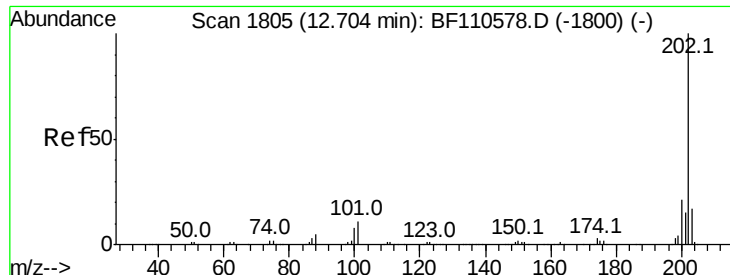
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	13.8	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 39.134 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110716.D
 Acq: 13 Nov 2018 11:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 33.712 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

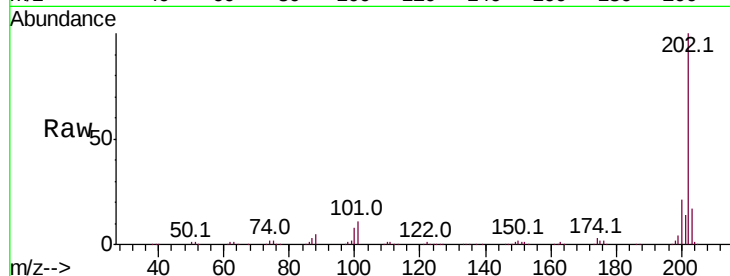
Tot Ion:202 Resp: 428978

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.4

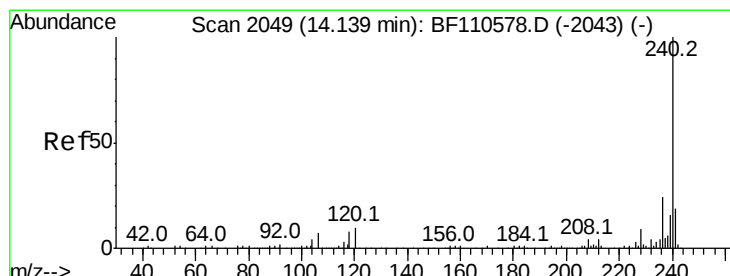
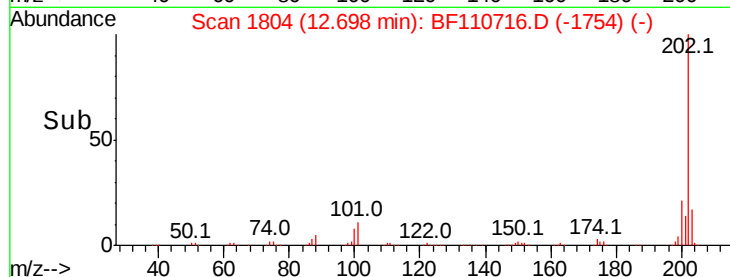
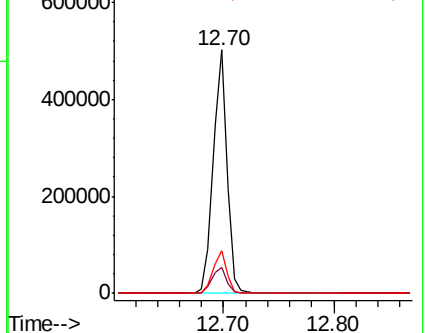
203 17.4 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

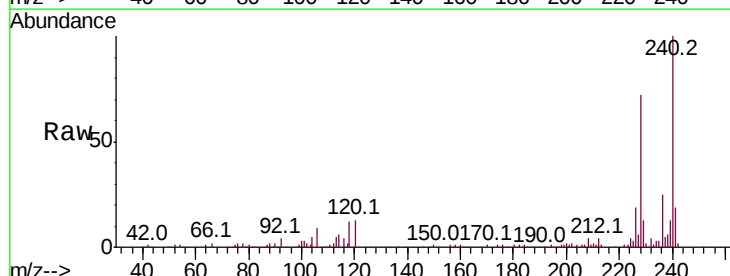
Tgt Ion:240 Resp: 142998

Ion Ratio Lower Upper

240 100

120 12.8 8.3 12.5#

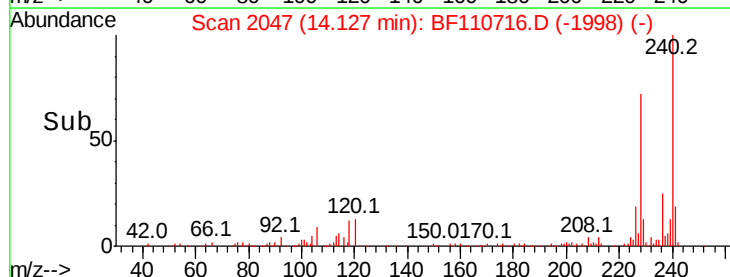
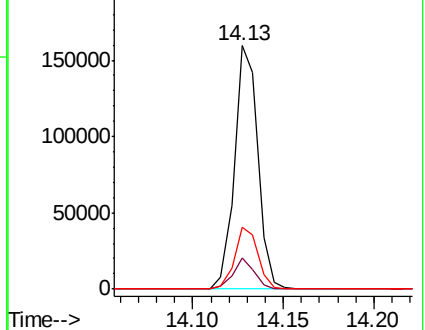
236 25.4 21.2 31.8

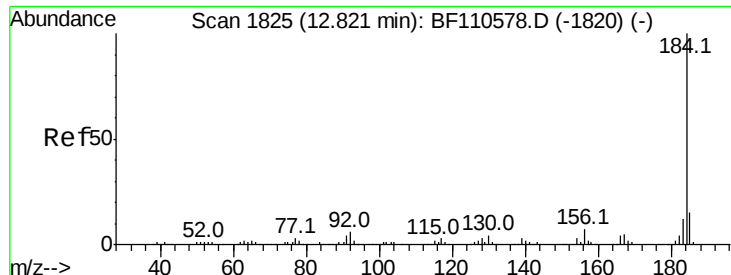


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.007 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

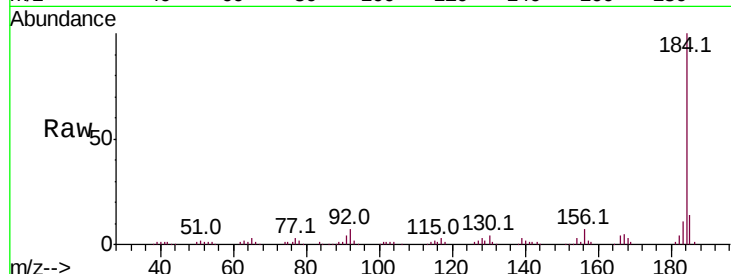
Tot Ion:184 Resp: 114070

Ion Ratio Lower Upper

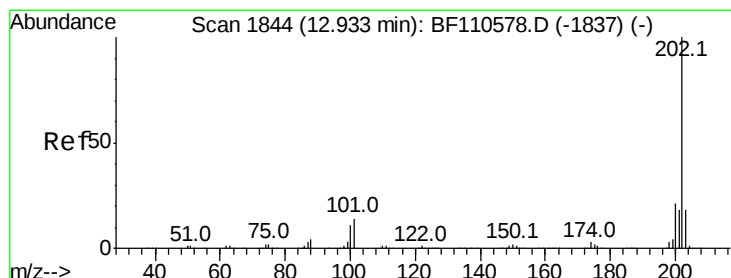
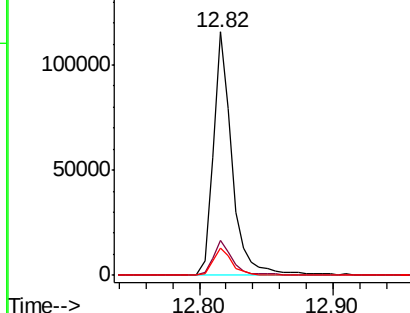
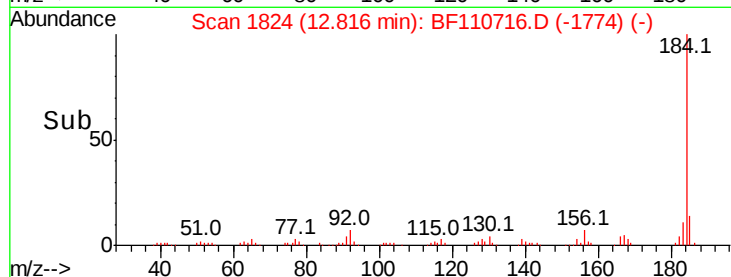
184 100

185 14.2 13.4 20.2

183 11.3 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.004 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

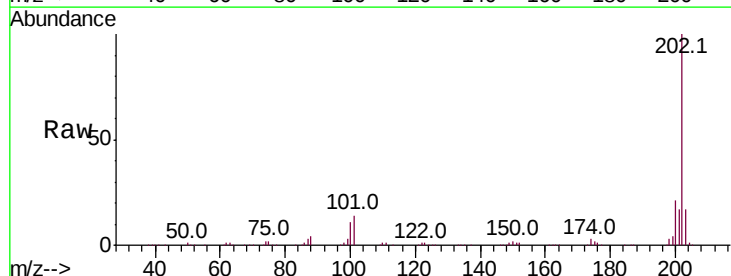
Tgt Ion:202 Resp: 418442

Ion Ratio Lower Upper

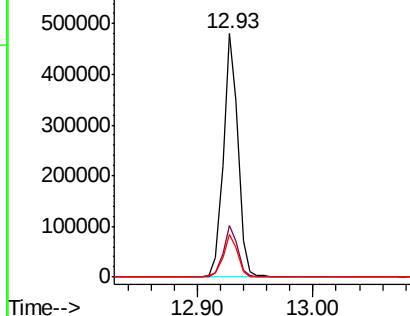
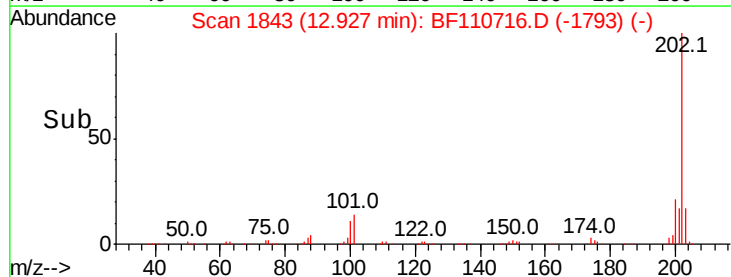
202 100

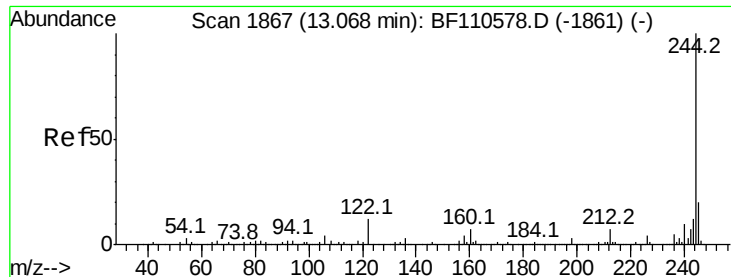
200 21.4 17.8 26.6

203 17.4 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.647 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

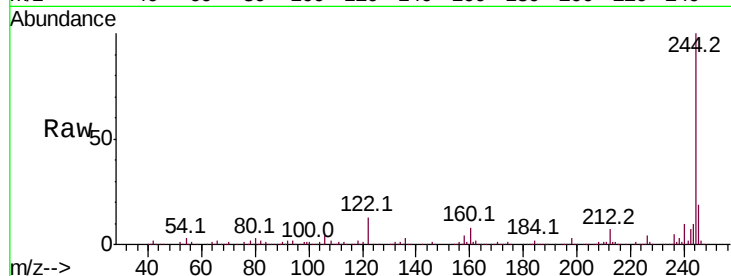
Tot Ion:244 Resp: 531798

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

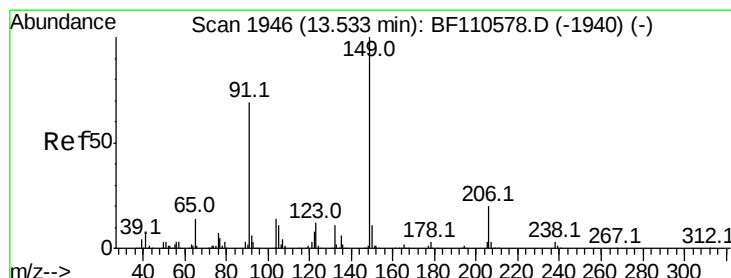
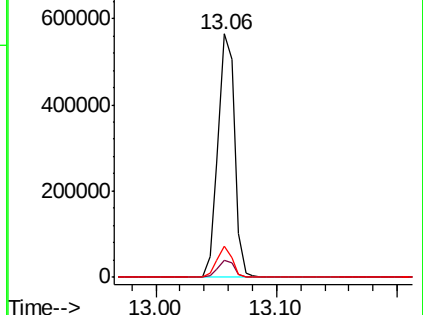
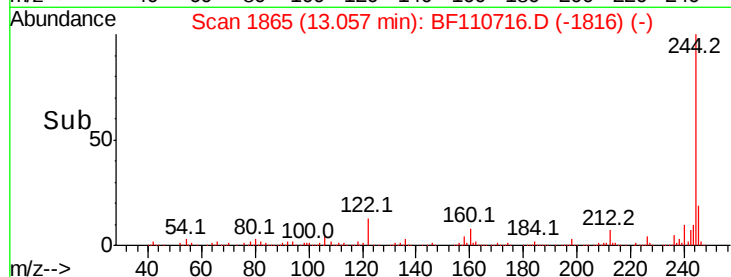
122 13.0 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.709 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

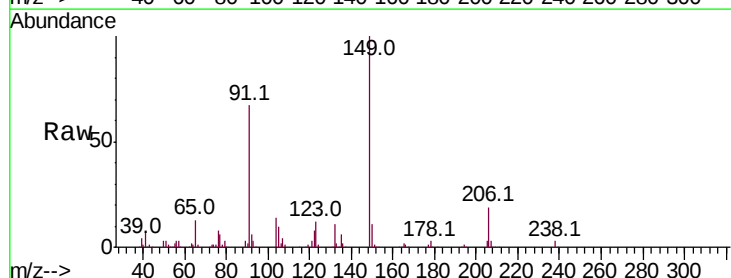
Tgt Ion:149 Resp: 197659

Ion Ratio Lower Upper

149 100

91 67.1 57.2 85.8

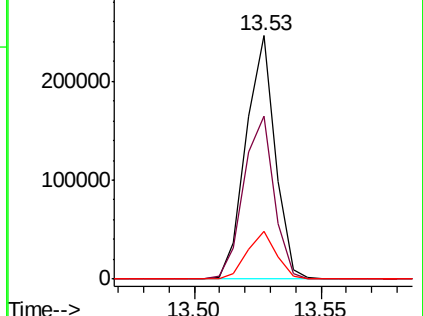
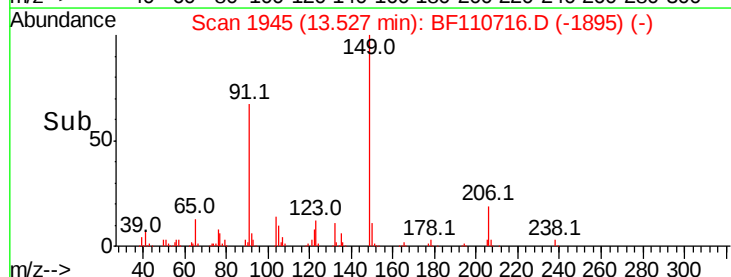
206 19.4 15.7 23.5

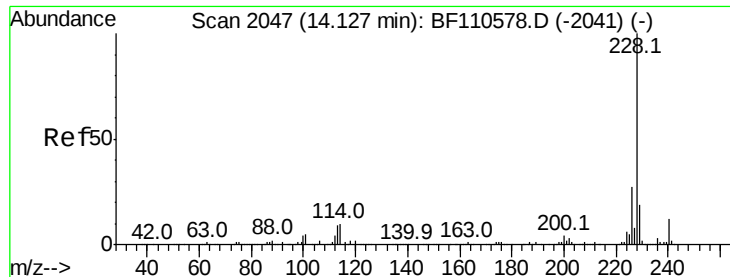


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.529 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

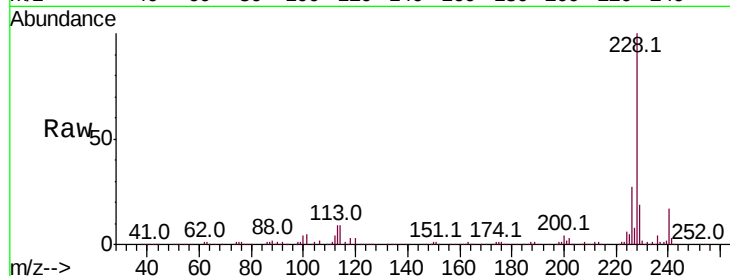
Tot Ion:228 Resp: 320769

Ion Ratio Lower Upper

228 100

226 26.6 22.1 33.1

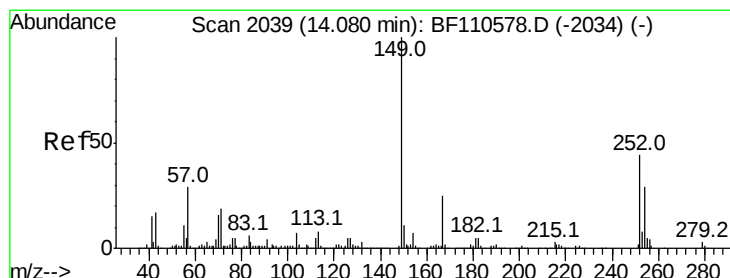
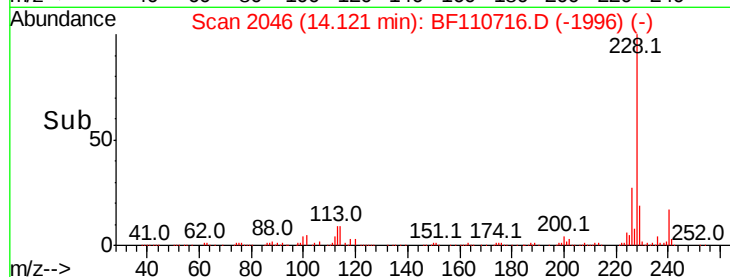
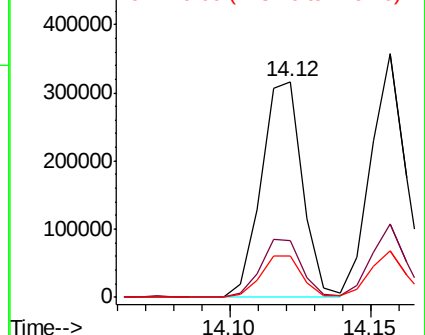
229 19.3 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.554 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

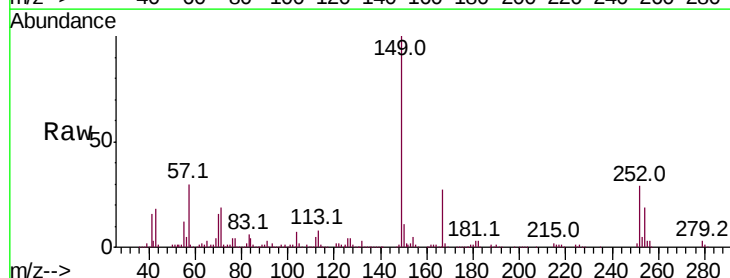
Tgt Ion:252 Resp: 81758

Ion Ratio Lower Upper

252 100

254 63.9 51.3 76.9

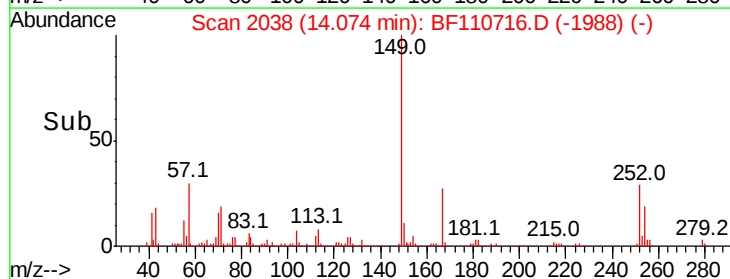
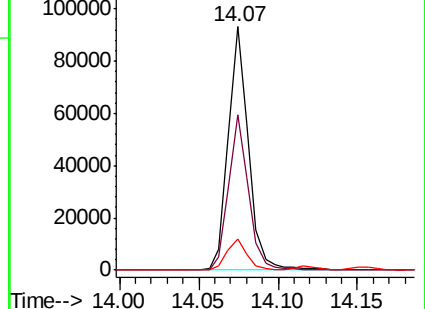
126 12.9 9.4 14.2

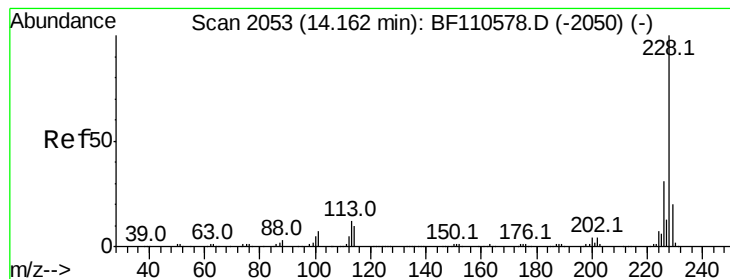


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.309 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

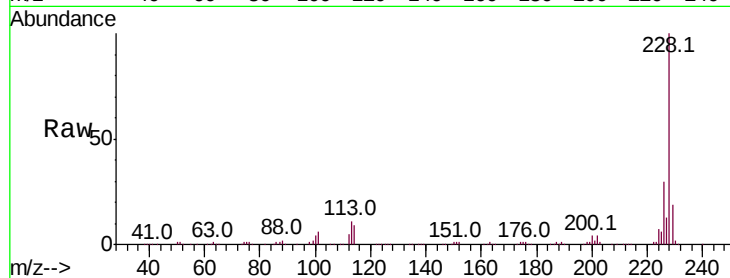
Tot Ion:228 Resp: 303800

Ion Ratio Lower Upper

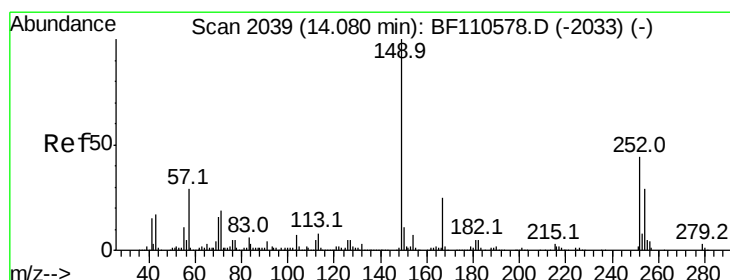
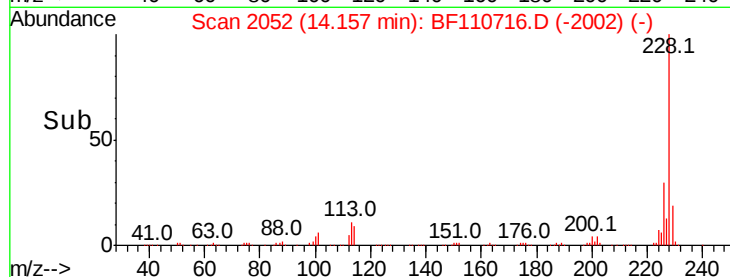
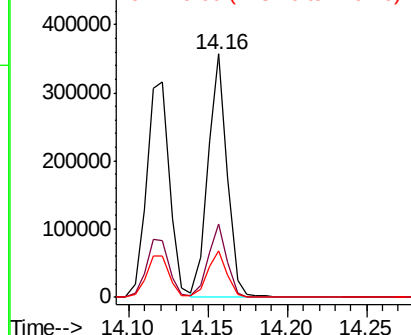
228 100

226 30.0 24.7 37.1

229 19.3 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.933 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

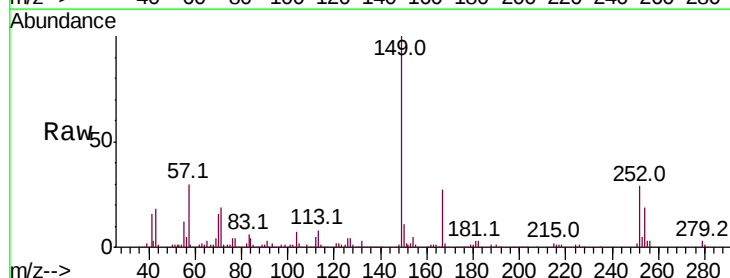
Tgt Ion:149 Resp: 270035

Ion Ratio Lower Upper

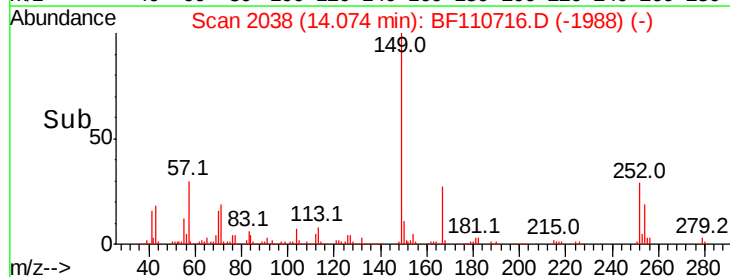
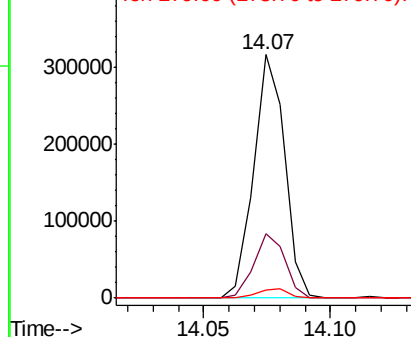
149 100

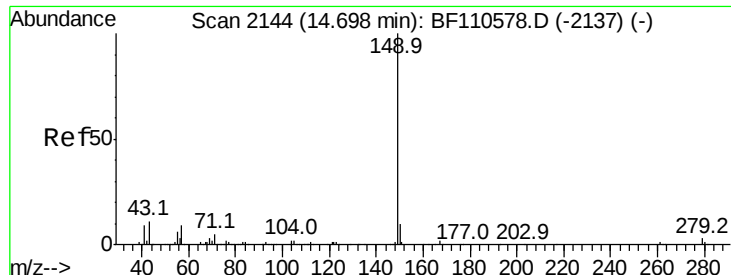
167 26.6 19.8 29.8

279 3.5 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.357 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

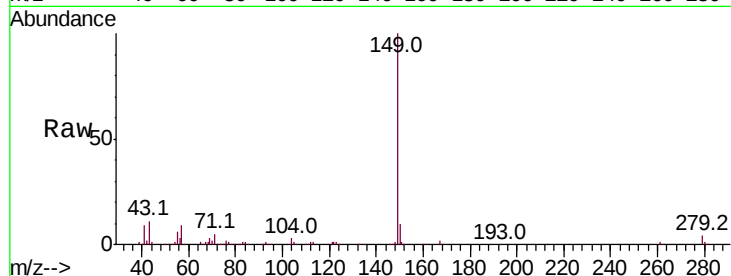
Tot Ion:149 Resp: 400764

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.7 7.8 11.8

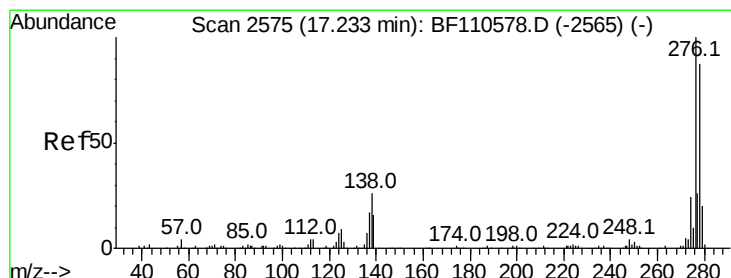
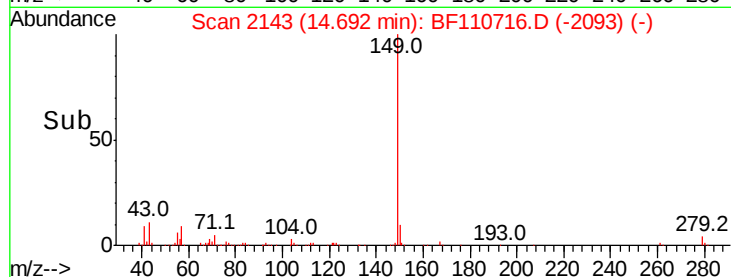
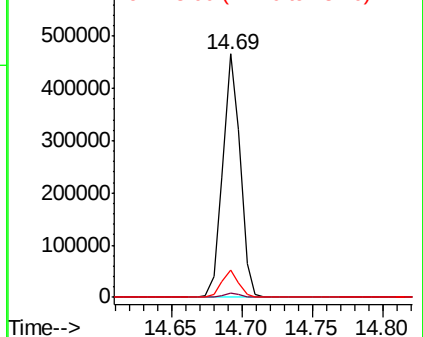


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.183 ng

RT: 17.22 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

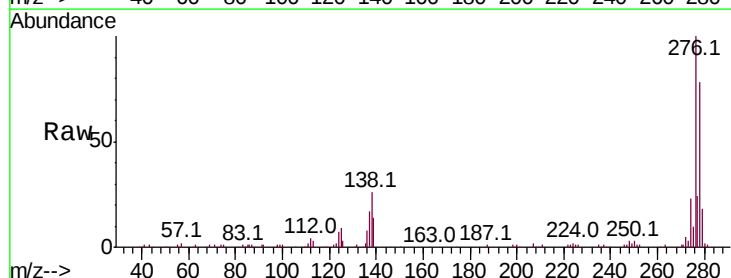
Tgt Ion:276 Resp: 246486

Ion Ratio Lower Upper

276 100

138 25.5 18.5 27.7

277 24.6 20.0 30.0

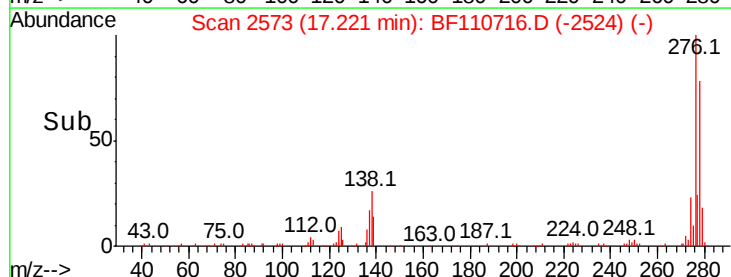
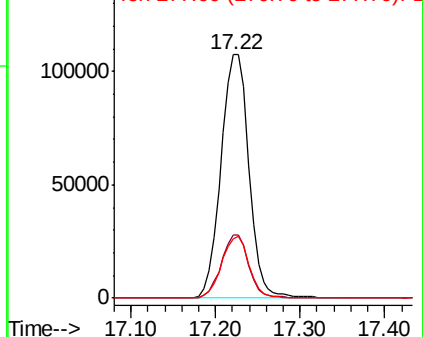


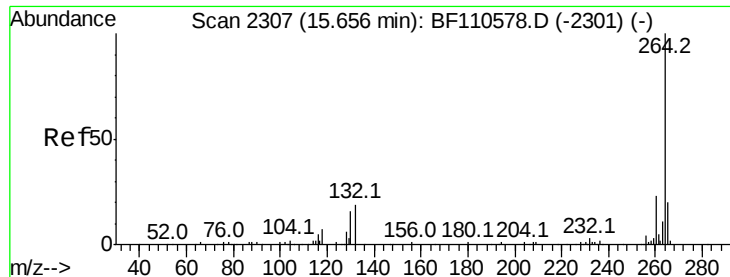
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

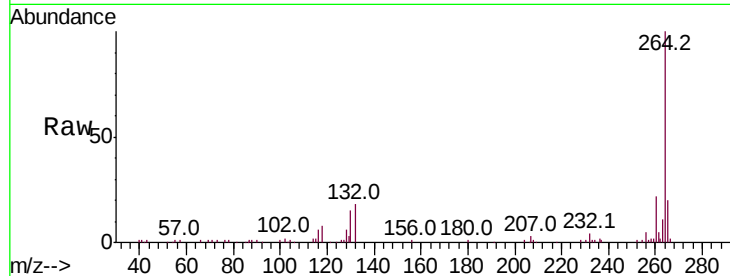




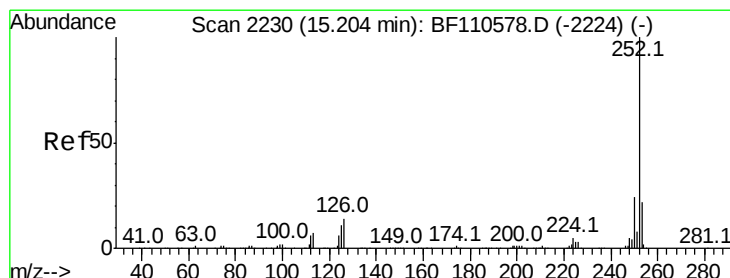
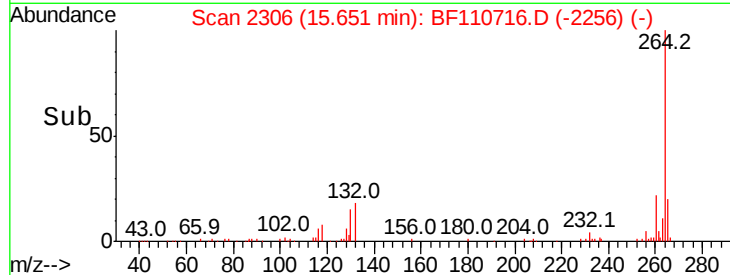
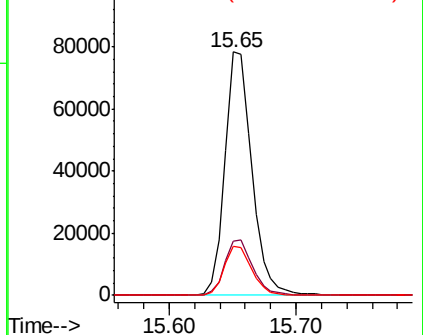
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Instrument :
BNA_F
ClientSampleId :
PB114706BSD

Tot Ion:264 Resp: 115297
Ion Ratio Lower Upper
264 100
260 22.4 18.7 28.1
265 20.3 16.7 25.1

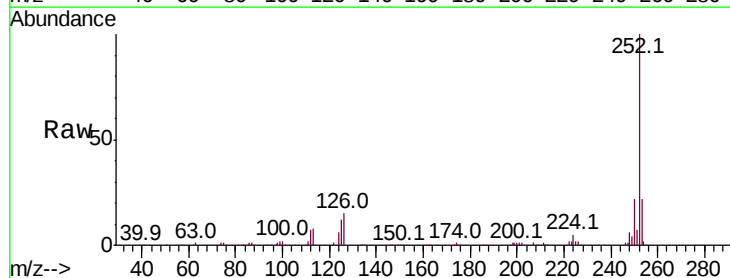


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

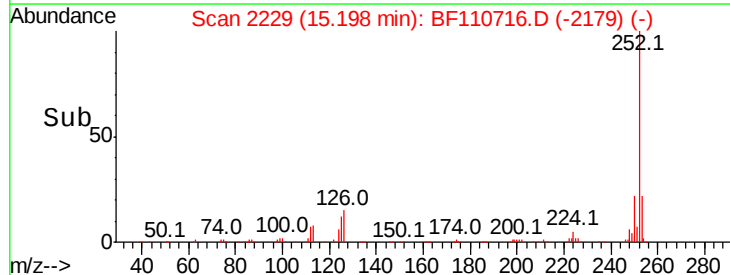
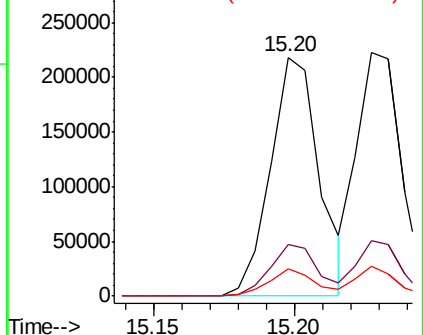


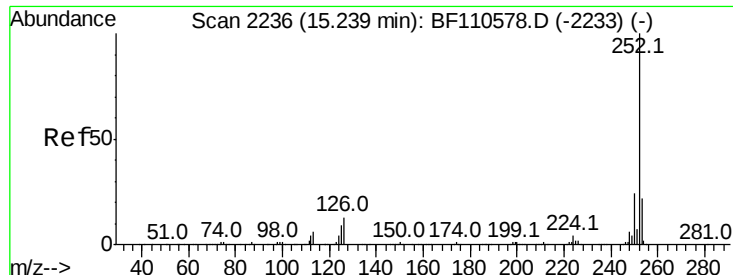
#88
Benzo(b)fluoranthene
Concen: 38.017 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion:252 Resp: 262219
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 11.7 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

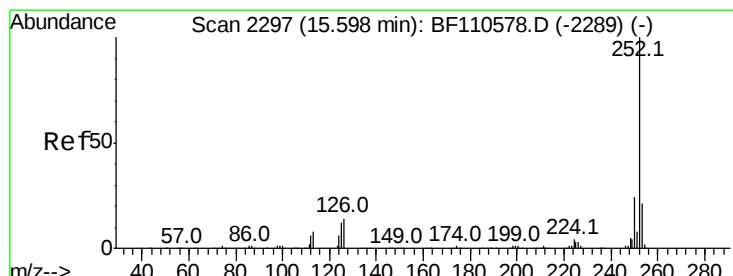
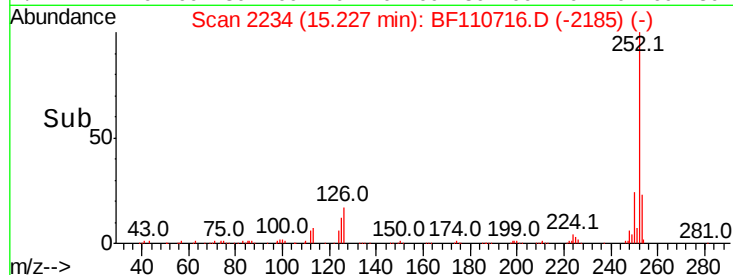
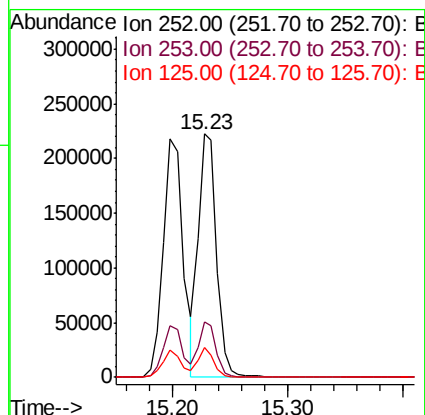
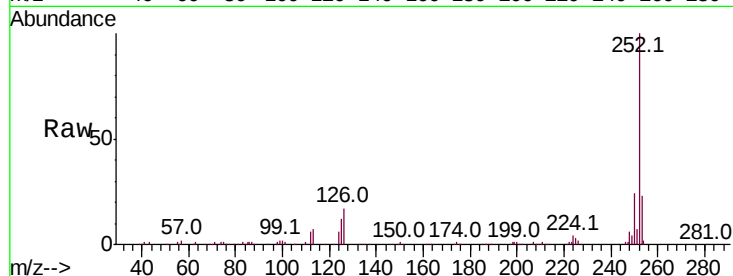




#89
Benzo(k)fluoranthene
Concen: 36.367 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

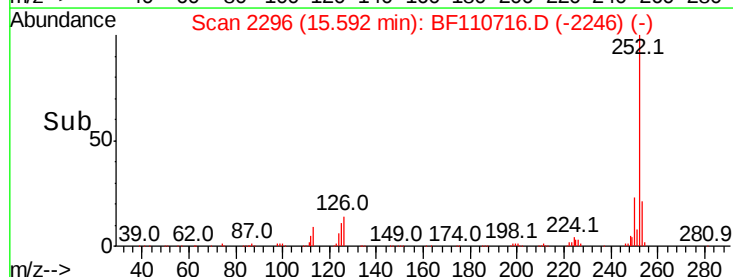
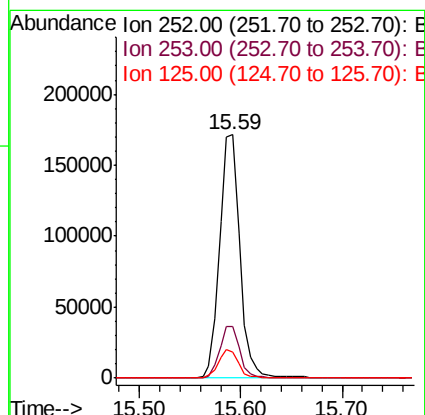
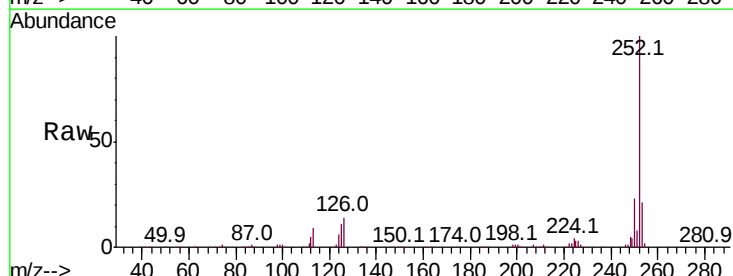
Instrument :
BNA_F
ClientSampleId :
PB114706BSD

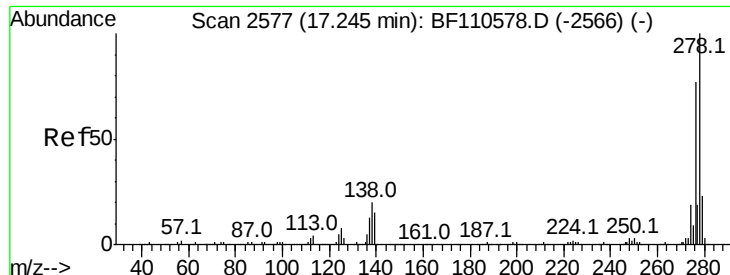
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	12.2	7.4	11.0



#90
Benzo(a)pyrene
Concen: 38.099 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110716.D
Acq: 13 Nov 2018 11:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.2	27.4
125	10.6	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 38.686 ng

RT: 17.23 min Scan# 2574

Delta R.T. -0.02 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

Instrument :

BNA_F

ClientSampleId :

PB114706BSD

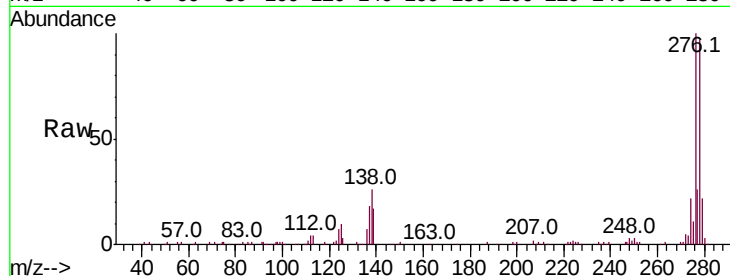
Tot Ion:278 Resp: 205164

Ion Ratio Lower Upper

278 100

139 17.2 12.7 19.1

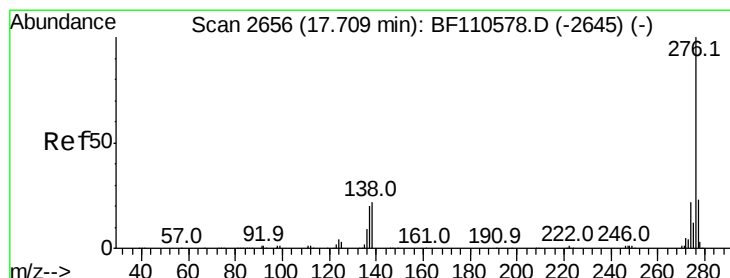
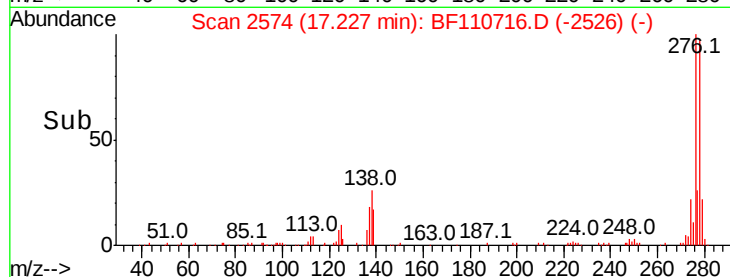
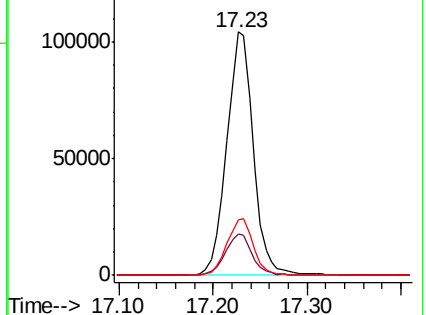
279 22.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 36.180 ng

RT: 17.70 min Scan# 2654

Delta R.T. -0.01 min

Lab File: BF110716.D

Acq: 13 Nov 2018 11:16

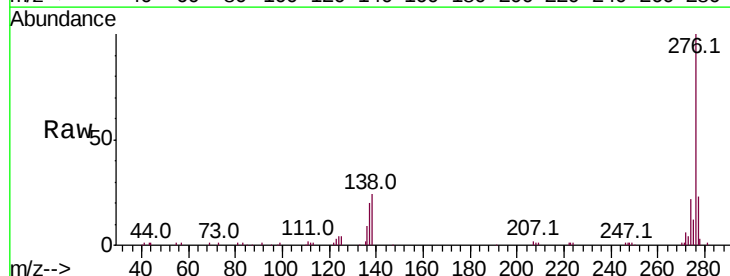
Tgt Ion:276 Resp: 190374

Ion Ratio Lower Upper

276 100

277 23.0 18.8 28.2

138 23.6 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

