

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110961.D
 Acq On : 26 Nov 2018 14:00
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 15:29:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	67973	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	294461	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	144589	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	272416	20.00	ng	0.00
76) Chrysene-d12	14.13	240	204834	20.00	ng	0.00
87) Perylene-d12	15.67	264	149432	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	339515	82.83	ng	0.00
7) Phenol-d6	6.57	99	430383	80.57	ng	0.00
23) Nitrobenzene-d5	7.51	82	414091	80.48	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	118228	82.33	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	784847	78.64	ng	0.00
79) Terphenyl-d14	13.06	244	833967	79.26	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.75	88	79077	40.268	ng	89
3) Pyridine	3.54	79	168308	39.140	ng	# 81
4) n-Nitrosodimethylamine	3.51	42	79469	40.388	ng	87
6) Aniline	6.60	93	270406	40.950	ng	# 56
8) 2-Chlorophenol	6.72	128	196663	40.485	ng	96
9) Benzaldehyde	6.50	77	117446	41.588	ng	98
10) Phenol	6.58	94	248228	41.264	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	182510	40.271	ng	95
12) 1,3-Dichlorobenzene	6.87	146	214879	40.265	ng	99
13) 1,4-Dichlorobenzene	6.95	146	219101	39.925	ng	97
14) 1,2-Dichlorobenzene	7.10	146	205241	39.736	ng	98
15) Benzyl Alcohol	7.09	79	169669	41.332	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	291447	40.409	ng	78
17) 2-Methylphenol	7.19	107	155899	40.364	ng	# 82
18) Hexachloroethane	7.44	117	82300	40.769	ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	143041	41.110	ng	96
20) 3+4-Methylphenols	7.35	107	206894	40.297	ng	# 87
22) Acetophenone	7.35	105	278195	40.306	ng	# 93
24) Nitrobenzene	7.53	77	211143	39.462	ng	95
25) Isophorone	7.76	82	339153	40.185	ng	97
26) 2-Nitrophenol	7.84	139	108796	41.853	ng	99
27) 2,4-Dimethylphenol	7.87	122	160940	40.997	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	228880	40.480	ng	99
29) 2,4-Dichlorophenol	8.08	162	169216	41.193	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	186562	40.525	ng	95
31) Naphthalene	8.25	128	547721	39.681	ng	99
32) Benzoic acid	8.03	122	118172	40.489	ng	97
33) 4-Chloroaniline	8.30	127	240926	41.009	ng	99
34) Hexachlorobutadiene	8.35	225	105479	40.227	ng	99
35) Caprolactam	8.69	113	57324	40.874	ng	95
36) 4-Chloro-3-methylphenol	8.78	107	184715	40.470	ng	94
37) 2-Methylnaphthalene	8.93	142	364130	39.939	ng	99
38) 1-Methylnaphthalene	9.03	142	354626	39.989	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	182570	40.139	ng	99

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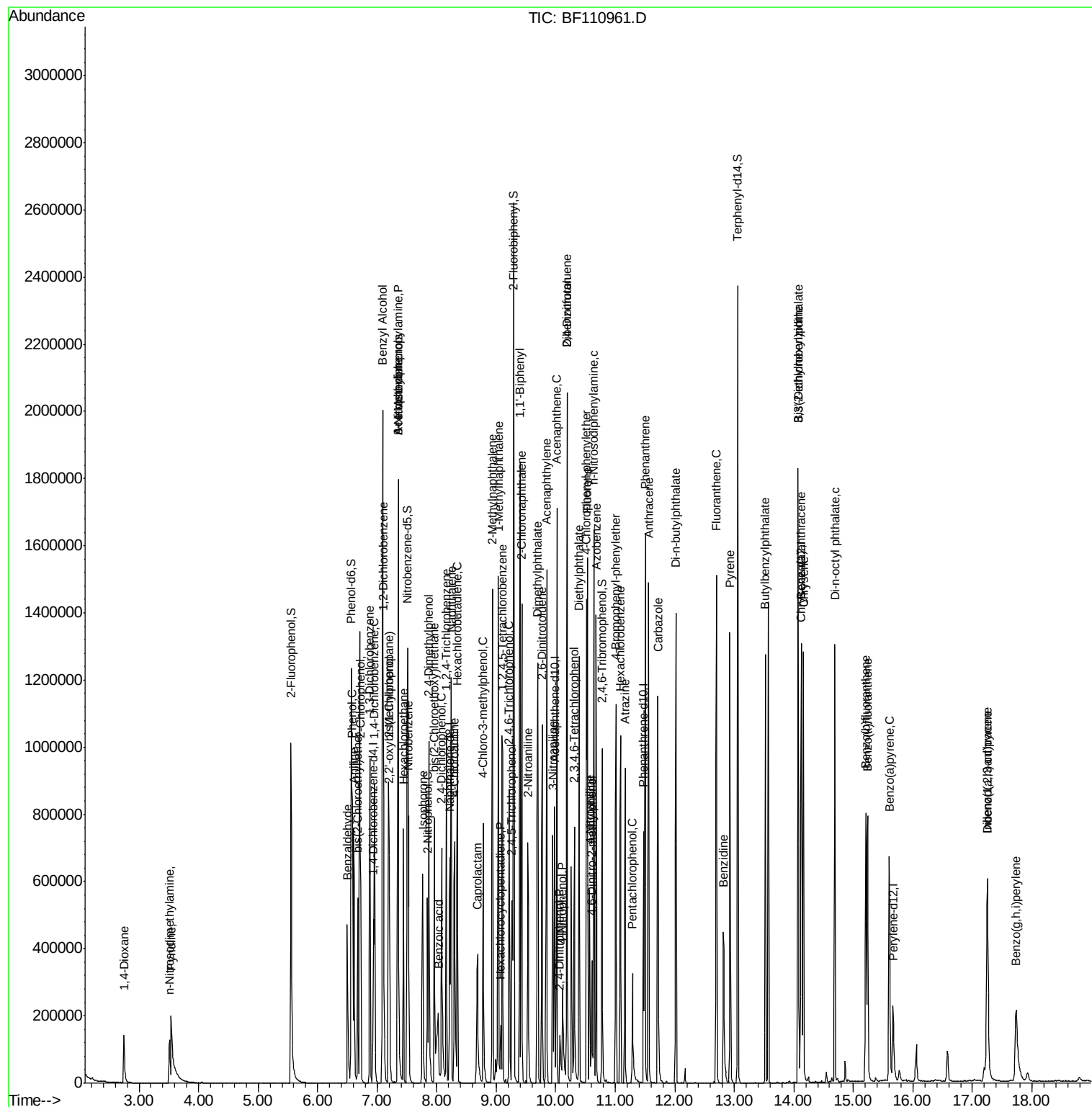
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	18062	40.454	ng	98
43) 2,4,6-Trichlorophenol	9.22	196	112385	41.371	ng	98
44) 2,4,5-Trichlorophenol	9.27	196	118292	41.356	ng	96
46) 1,1'-Biphenyl	9.40	154	530376	39.787	ng	99
47) 2-Chloronaphthalene	9.43	162	381732	39.495	ng	99
48) 2-Nitroaniline	9.53	65	122552	40.538	ng	96
49) Acenaphthylene	9.85	152	547496	39.836	ng	99
50) Dimethylphthalate	9.70	163	422878	39.878	ng	99
51) 2,6-Dinitrotoluene	9.77	165	95620	40.505	ng	95
52) Acenaphthene	10.02	154	349000	39.611	ng	98
53) 3-Nitroaniline	9.95	138	111778	40.625	ng	93
54) 2,4-Dinitrophenol	10.07	184	32937	41.372	ng	94
55) Dibenzofuran	10.19	168	502330	39.081	ng	99
56) 4-Nitrophenol	10.12	139	57198	39.652	ng	97
57) 2,4-Dinitrotoluene	10.19	165	123891	40.450	ng	# 87
58) Fluorene	10.53	166	392580	39.256	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	94918	40.434	ng	91
60) Diethylphthalate	10.39	149	426349	38.988	ng	100
61) 4-Chlorophenyl-phenylether	10.52	204	209507	40.053	ng	97
62) 4-Nitroaniline	10.57	138	104537	40.806	ng	96
63) Azobenzene	10.68	77	419222	39.332	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	56158	43.580	ng	96
66) n-Nitrosodiphenylamine	10.64	169	373100	41.142	ng	97
67) 4-Bromophenyl-phenylether	11.01	248	122786	41.386	ng	91
68) Hexachlorobenzene	11.09	284	127228	40.261	ng	94
69) Atrazine	11.16	200	106754	43.789	ng	98
70) Pentachlorophenol	11.29	266	55157	43.871	ng	99
71) Phenanthrene	11.50	178	578892	40.123	ng	100
72) Anthracene	11.56	178	589273	40.105	ng	99
73) Carbazole	11.72	167	578003	40.529	ng	99
74) Di-n-butylphthalate	12.02	149	670673	40.221	ng	99
75) Fluoranthene	12.70	202	592816	39.977	ng	99
77) Benzidine	12.82	184	223094	42.581	ng	99
78) Pyrene	12.93	202	608689	40.686	ng	97
80) Butylbenzylphthalate	13.52	149	274375	40.622	ng	97
81) Benzo(a)anthracene	14.12	228	490211	40.536	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	168911	40.735	ng	98
83) Chrysene	14.16	228	470055	39.485	ng	100
84) Bis(2-ethylhexyl)phthalate	14.07	149	372282	41.364	ng	97
85) Di-n-octyl phthalate	14.69	149	581615	40.939	ng	98
86) Indeno(1,2,3-cd)pyrene	17.25	276	331536	38.798	ng	99
88) Benzo(b)fluoranthene	15.21	252	355661	40.515	ng	98
89) Benzo(k)fluoranthene	15.24	252	372328	41.207	ng	98
90) Benzo(a)pyrene	15.60	252	328552	40.208	ng	98
91) Dibenzo(a,h)anthracene	17.25	278	274097	40.655	ng	100
92) Benzo(g,h,i)perylene	17.74	276	271903	41.827	ng	97

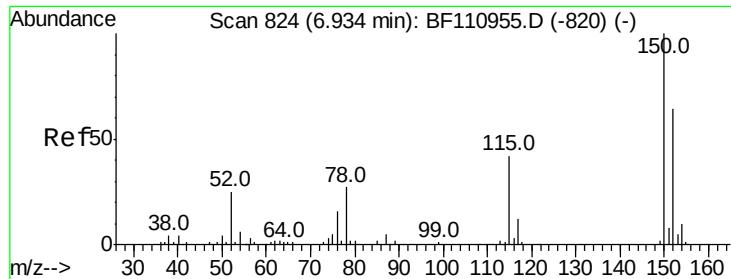
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

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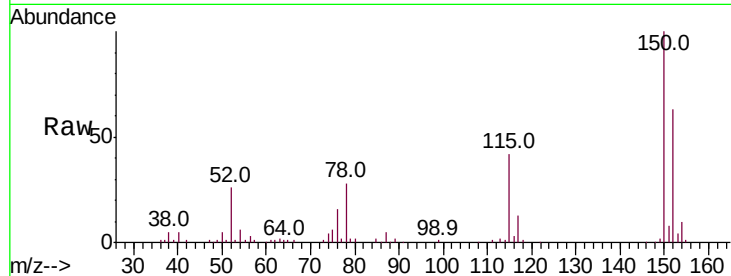


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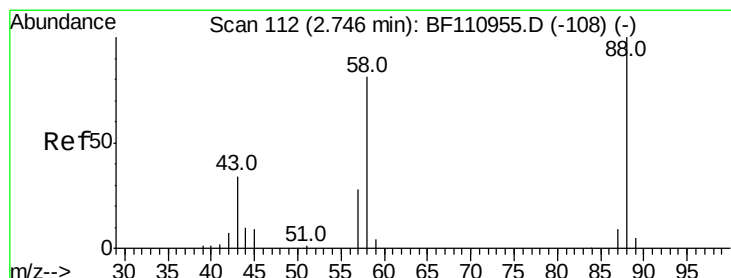
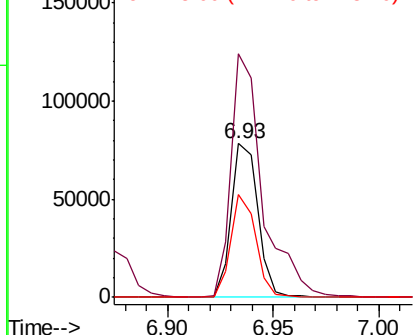
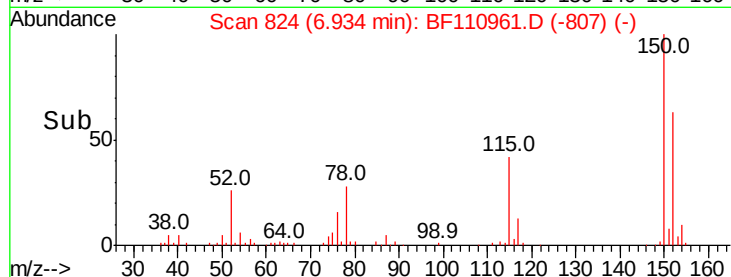
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67973
Ion Ratio Lower Upper
152 100
150 158.7 122.7 184.1
115 67.1 49.1 73.7



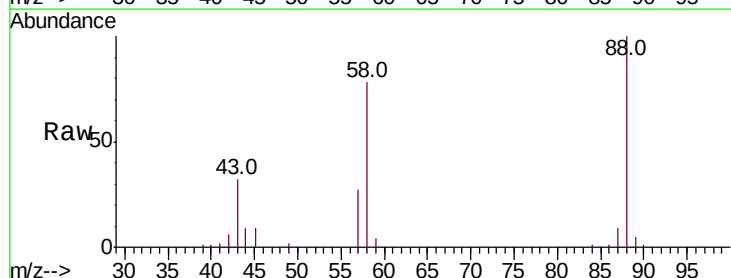
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



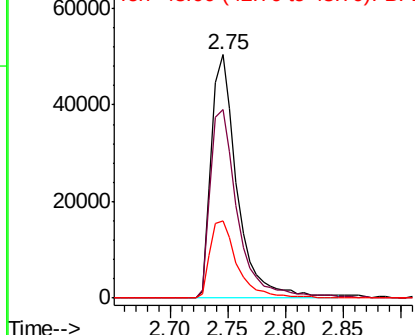
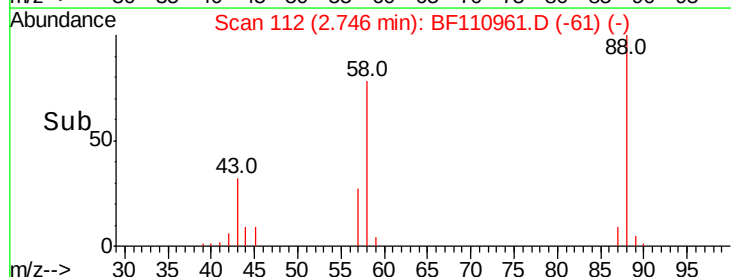
#2

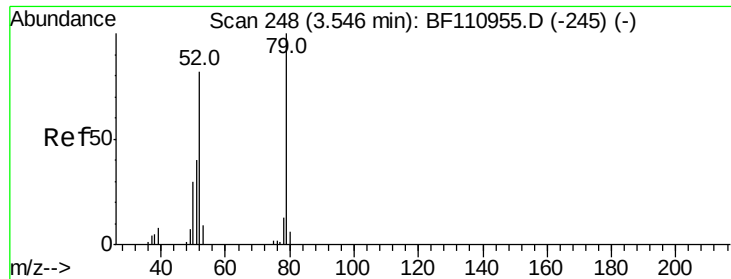
1,4-Dioxane
Concen: 40.268 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion: 88 Resp: 79077
Ion Ratio Lower Upper
88 100
58 81.9 57.1 85.7
43 33.2 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

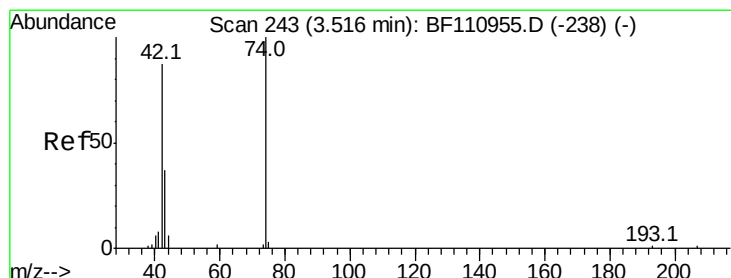
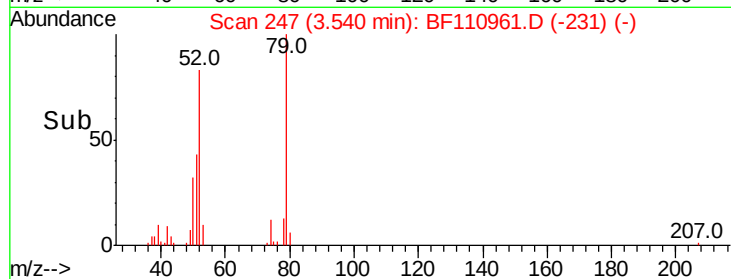
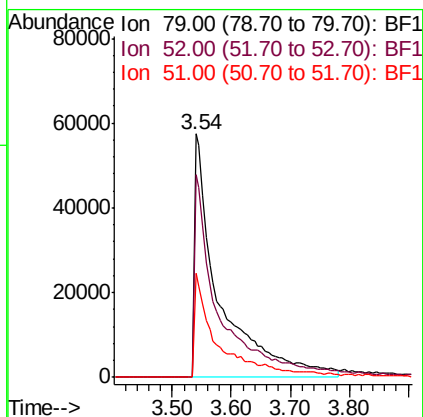
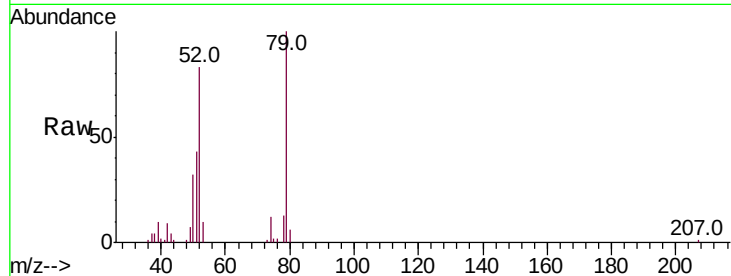




#3
 Pvridine
 Concen: 39.140 ng
 RT: 3.54 min Scan# 247
 Delta R.T. -0.01 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

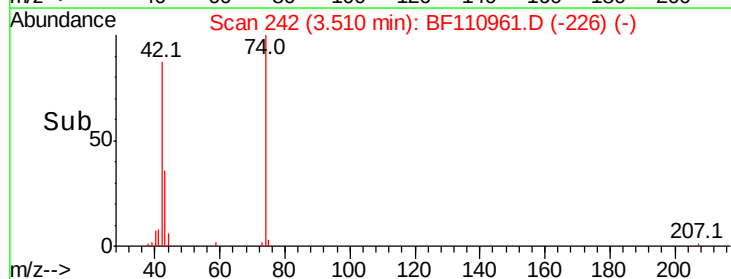
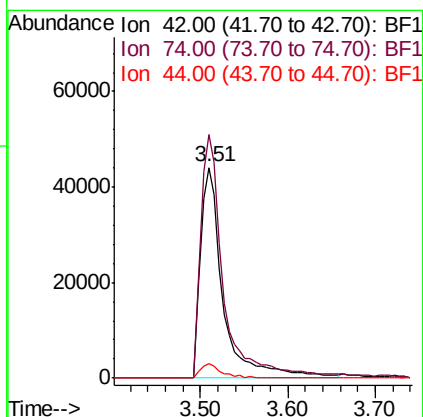
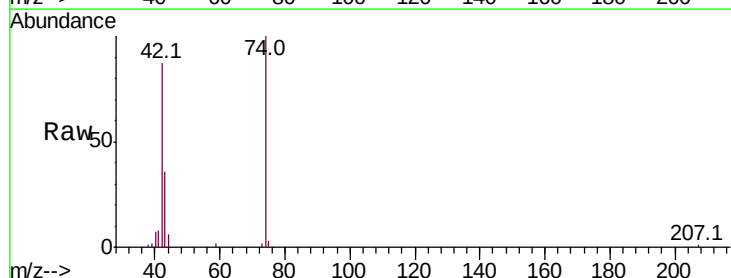
Instrument :
 BNA_F
 ClientSampled :

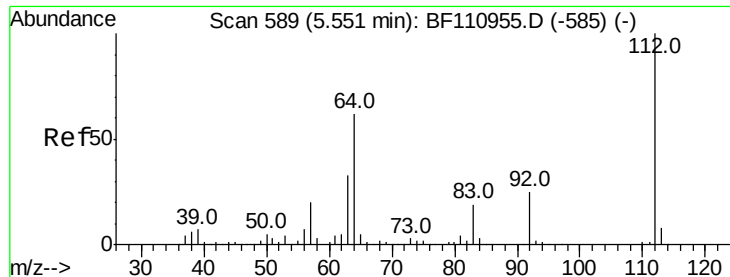
Tot Ion: 79 Resp: 168308
 Ion Ratio Lower Upper
 79 100
 52 83.0 53.1 79.7#
 51 42.9 27.4 41.2#



#4
 n-Nitrosodimethylamine
 Concen: 40.388 ng
 RT: 3.51 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion: 42 Resp: 79469
 Ion Ratio Lower Upper
 42 100
 74 115.6 105.5 158.3
 44 7.2 4.9 7.3





#5

2-Fluorophenol

Concen: 82.830 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

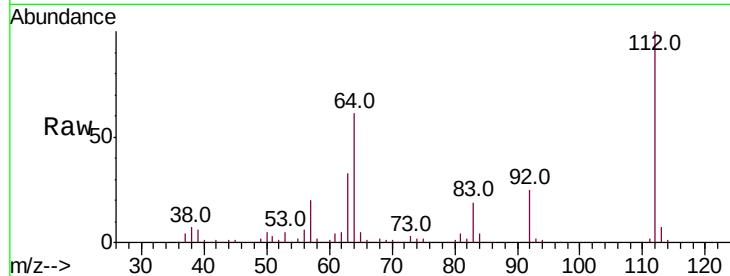
Tot Ion:112 Resp: 339515

Ion Ratio Lower Upper

112 100

64 61.1 44.1 66.1

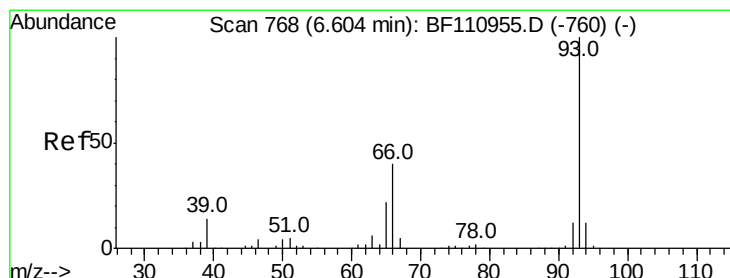
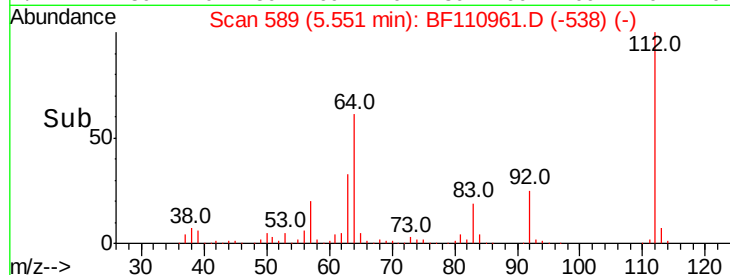
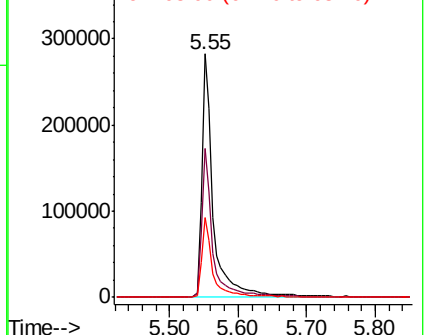
63 32.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.950 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

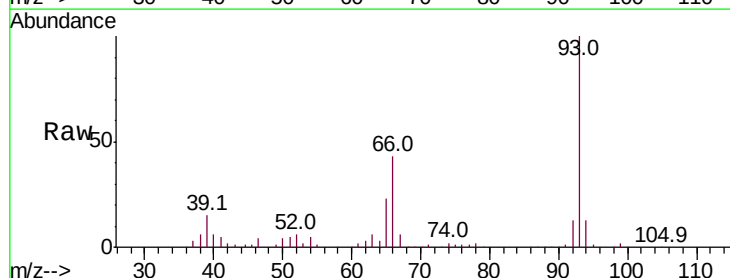
Tgt Ion: 93 Resp: 270406

Ion Ratio Lower Upper

93 100

66 43.0 67.4 101.0#

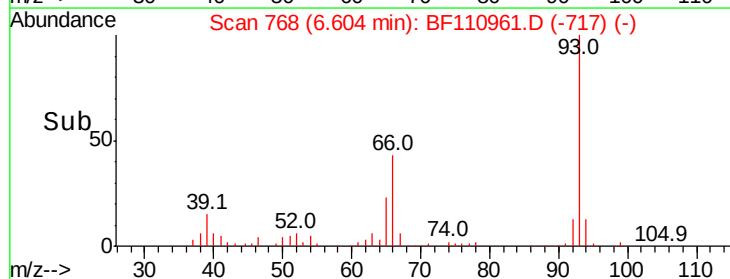
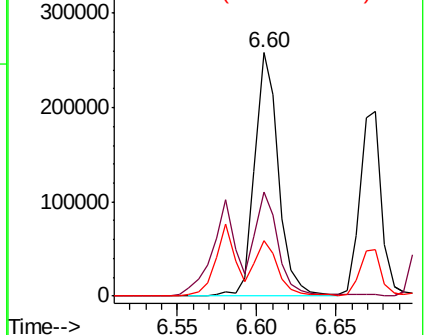
65 22.8 41.0 61.4#

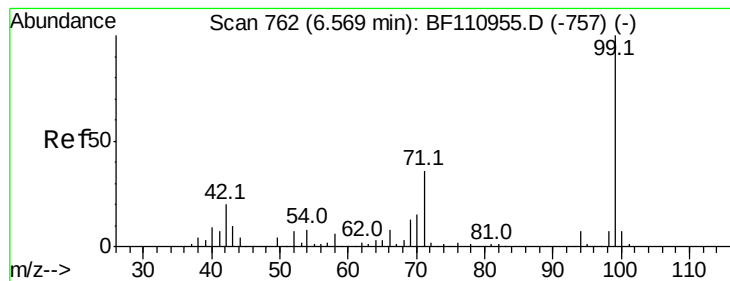


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.572 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampled :

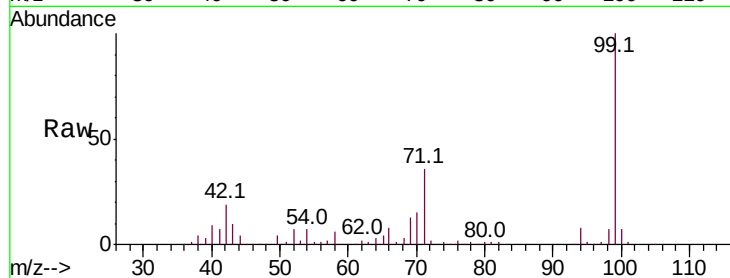
Tot Ion: 99 Resp: 430383

Ion Ratio Lower Upper

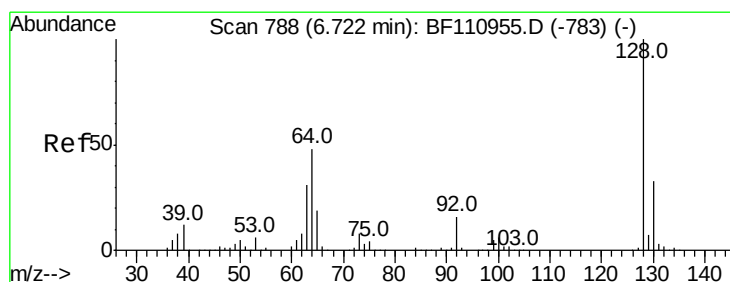
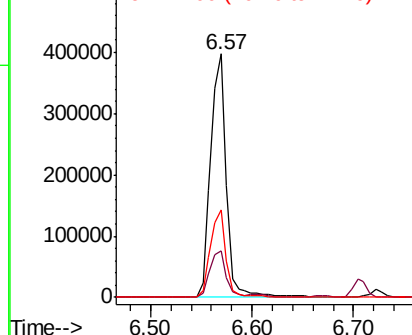
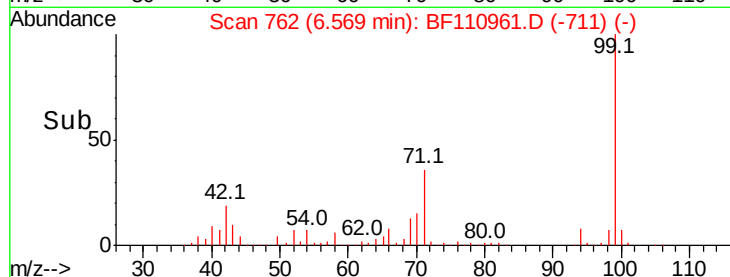
99 100

42 19.2 15.8 23.6

71 36.0 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: 40.485 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

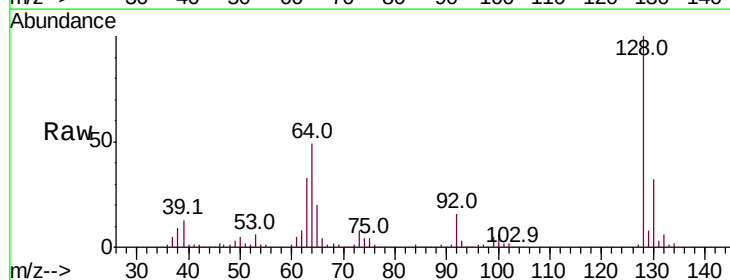
Tgt Ion: 128 Resp: 196663

Ion Ratio Lower Upper

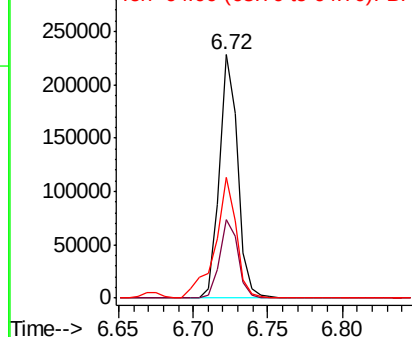
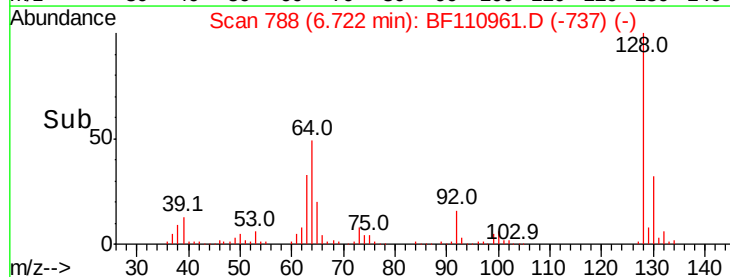
128 100

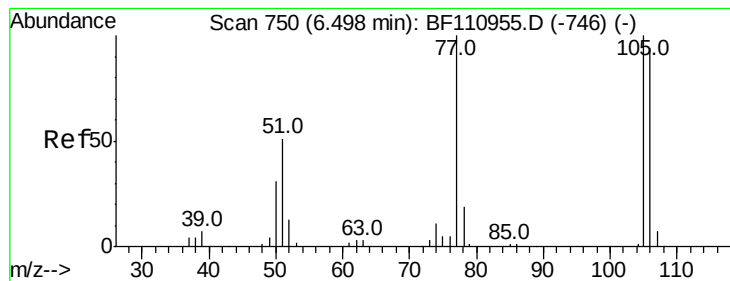
130 32.2 13.1 53.1

64 49.5 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: 41.588 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampled :

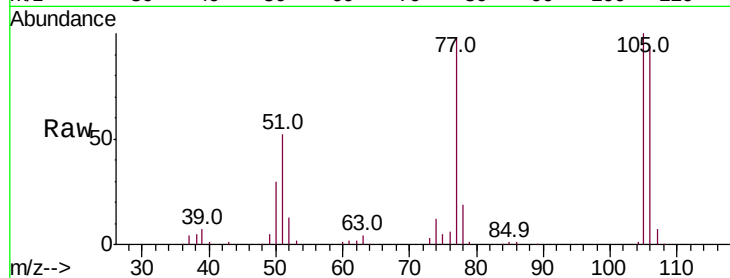
Tot Ion: 77 Resp: 117446

Ion Ratio Lower Upper

77 100

105 101.9 78.6 118.6

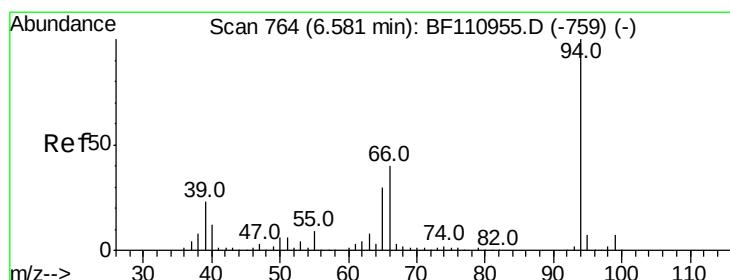
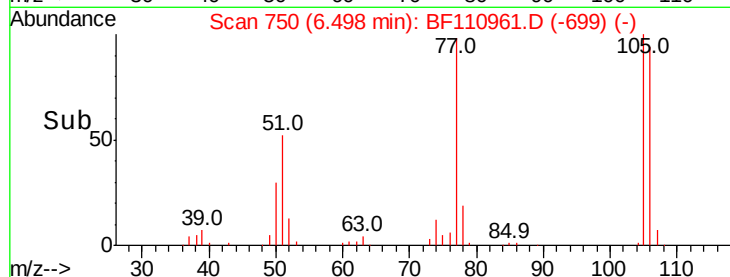
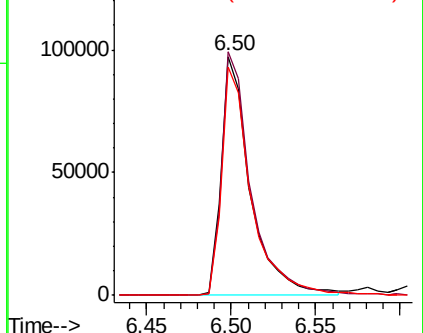
106 95.3 74.8 114.8



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: 41.264 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

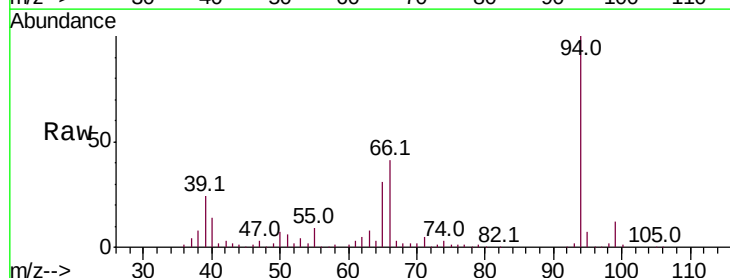
Tgt Ion: 94 Resp: 248228

Ion Ratio Lower Upper

94 100

65 30.7 25.3 65.3

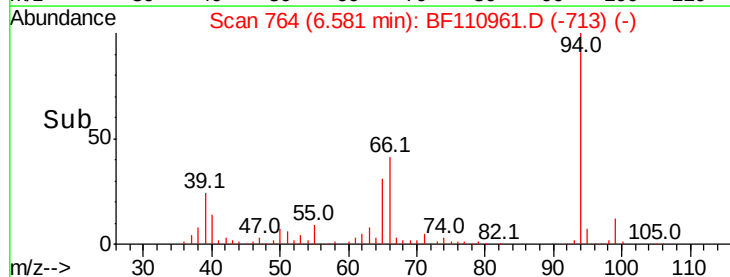
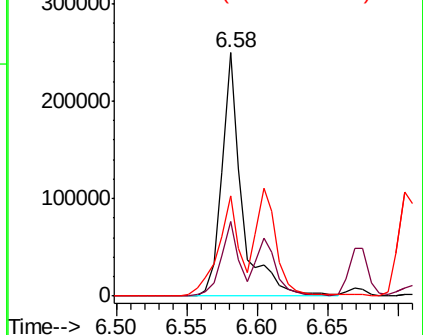
66 41.2 54.5 94.5#

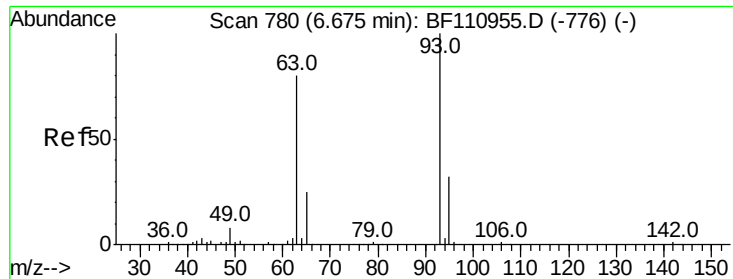


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.271 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

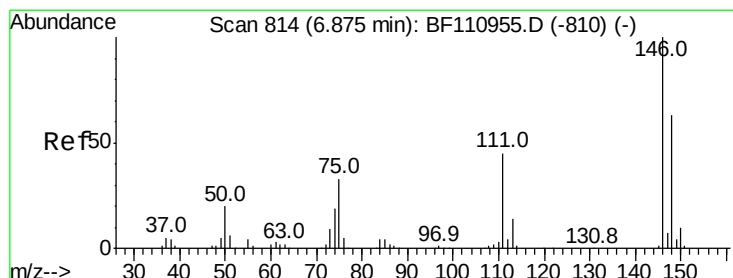
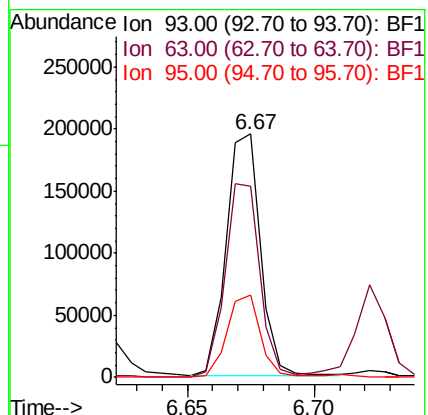
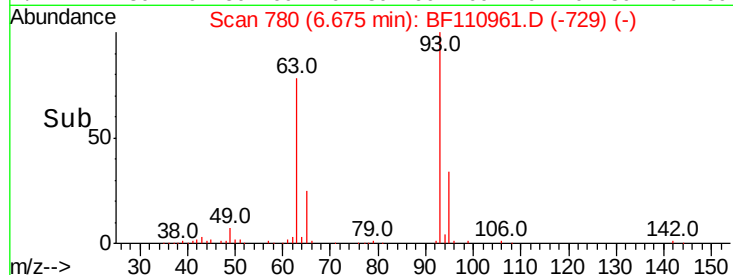
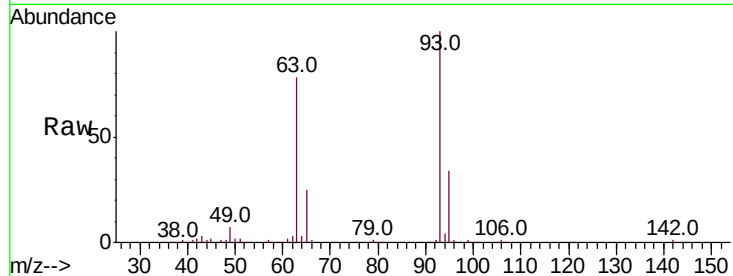
Tot Ion: 93 Resp: 182510

Ion Ratio Lower Upper

93 100

63 78.4 53.4 93.4

95 33.6 12.1 52.1



#12

1,3-Dichlorobenzene

Concen: 40.265 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

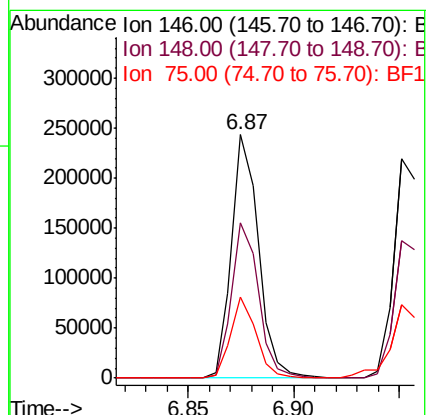
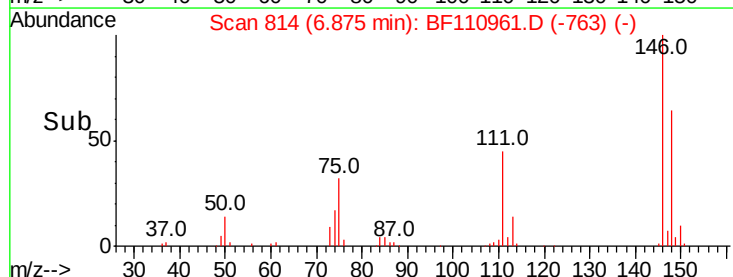
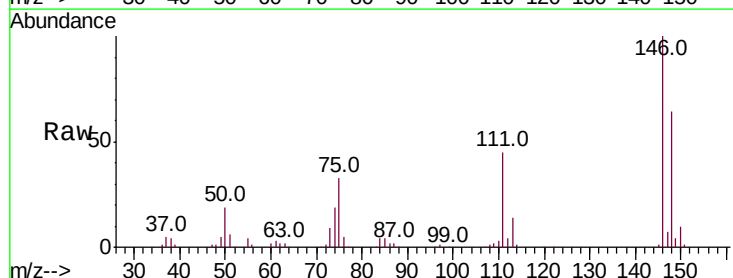
Tgt Ion: 146 Resp: 214879

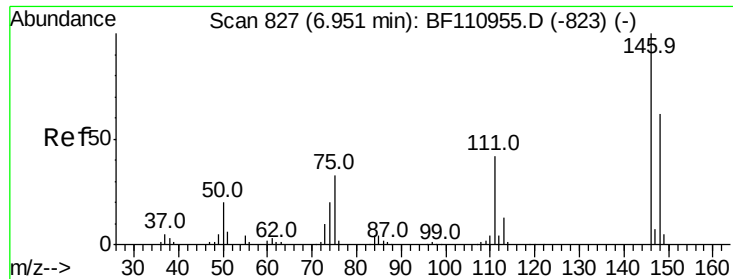
Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

75 33.1 25.8 38.6

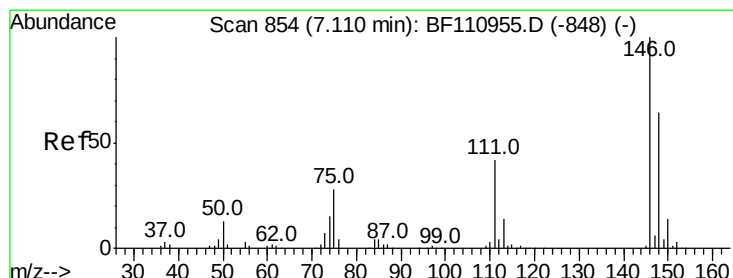
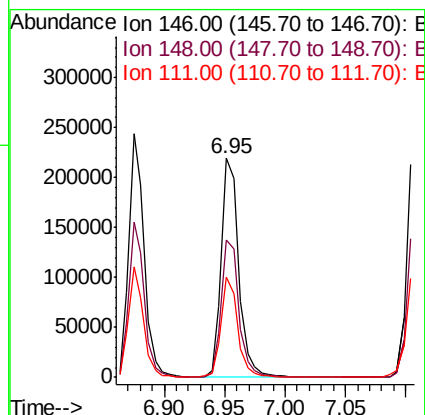
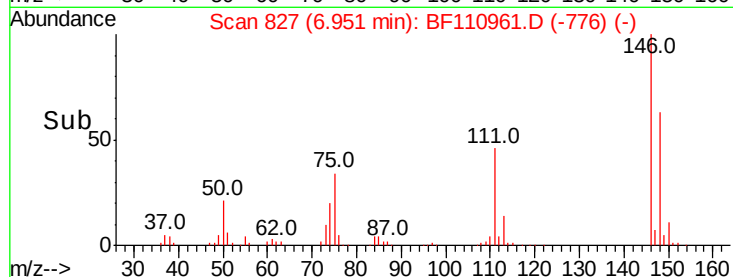
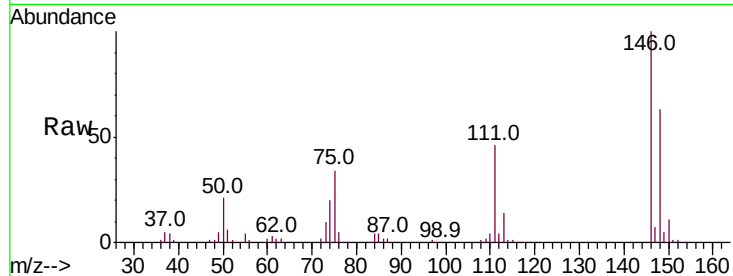




#13
 1,4-Dichlorobenzene
 Concen: 39.925 ng
 RT: 6.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

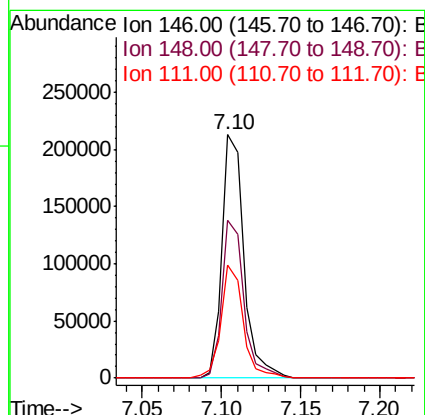
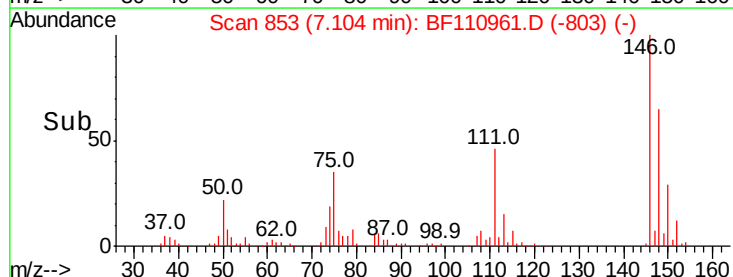
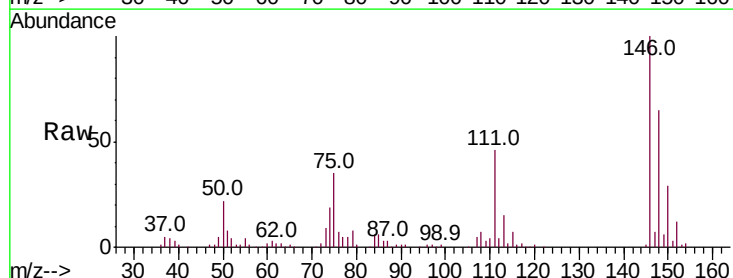
Instrument :
 BNA_F
 ClientSampleId :

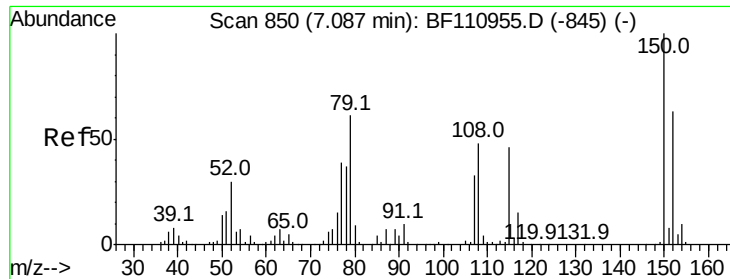
Tot Ion:146 Resp: 219101
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.3 75.5
 111 45.6 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 39.736 ng
 RT: 7.10 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:146 Resp: 205241
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.1 76.7
 111 46.4 35.8 53.6

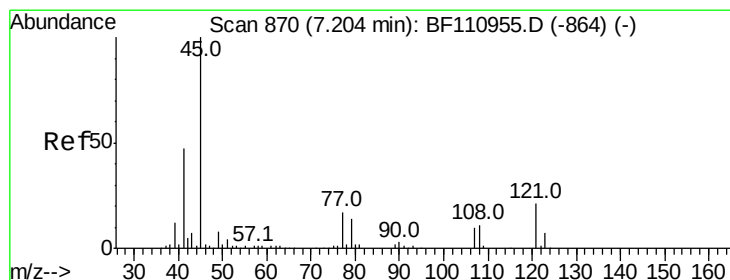
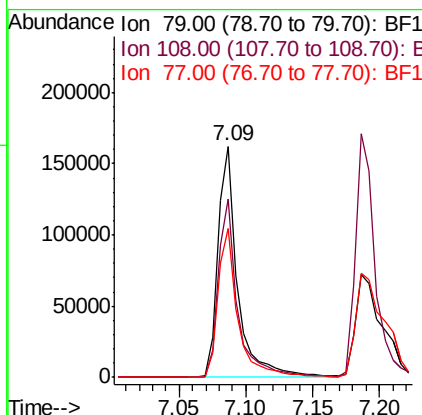
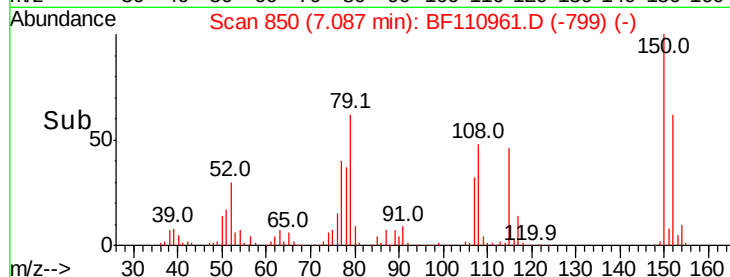
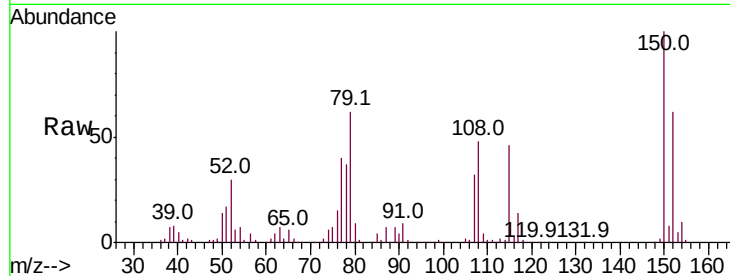




#15
Benzyl Alcohol
Concen: 41.332 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

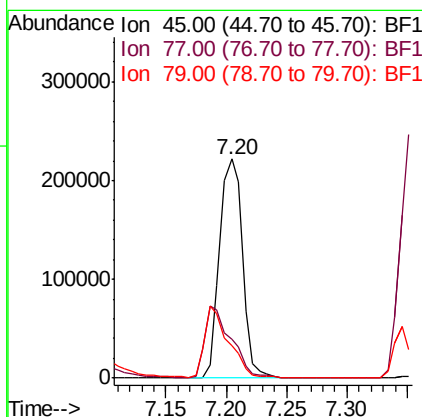
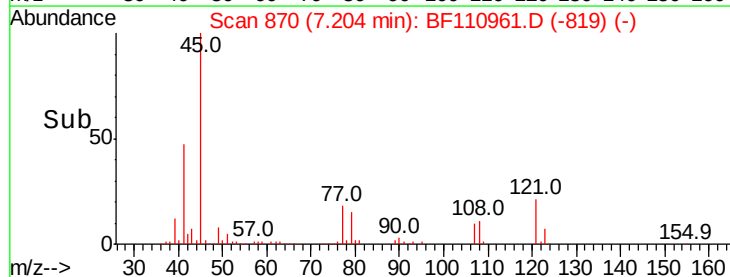
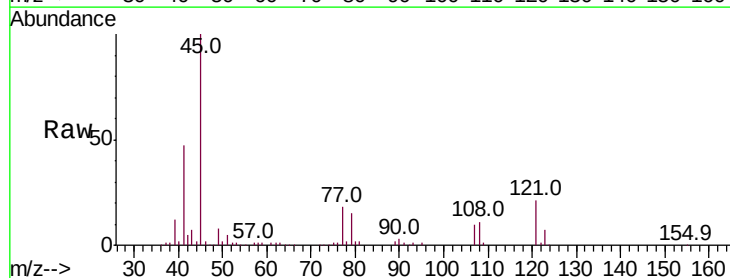
Instrument :
BNA_F
ClientSampled :

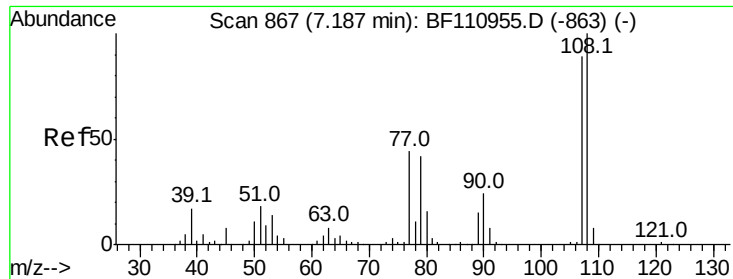
Tot Ion: 79 Resp: 169669
Ion Ratio Lower Upper
79 100
108 77.0 56.3 84.5
77 64.6 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.409 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion: 45 Resp: 291447
Ion Ratio Lower Upper
45 100
77 17.8 10.0 50.0
79 14.7 6.1 46.1

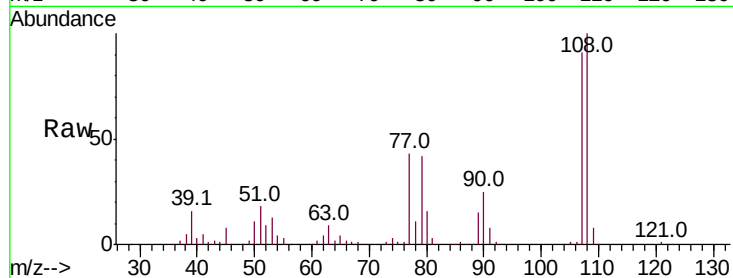




#17
2-Methylphenol
Concen: 40.364 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.4	92.6	138.8
77	47.1	59.4	89.2#
79	46.8	54.0	81.0#



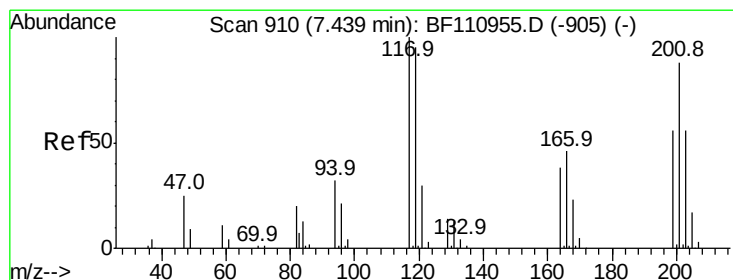
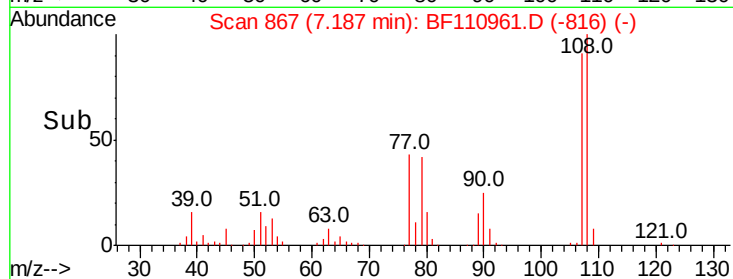
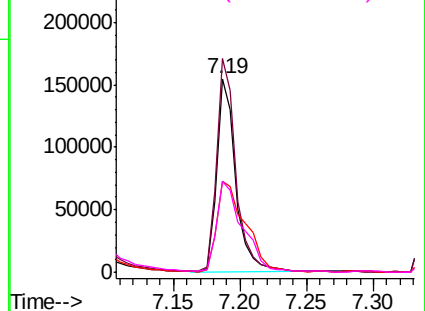
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

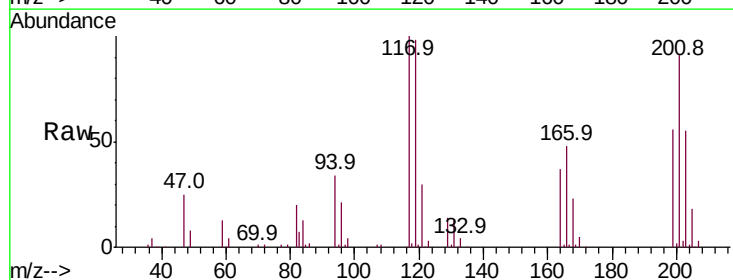
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.769 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.0	112.6
201	90.5	79.2	118.8

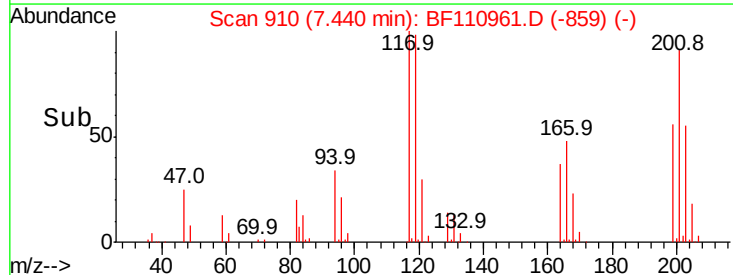
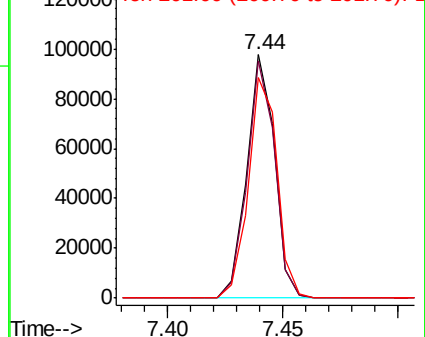


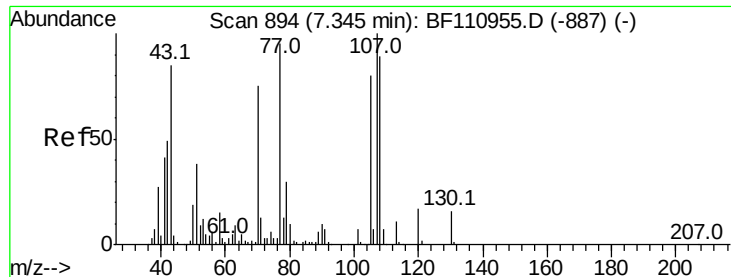
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

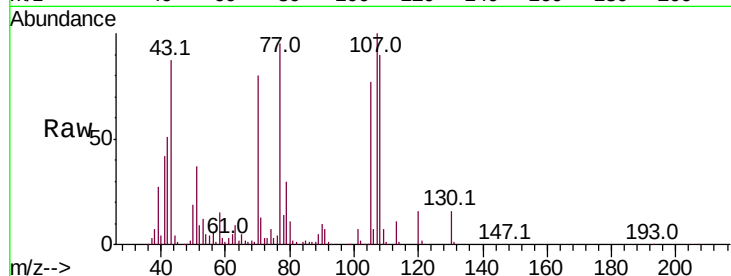




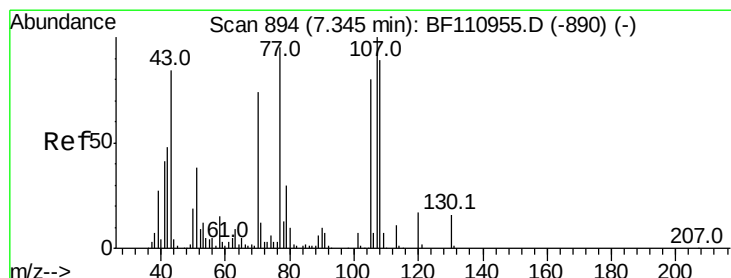
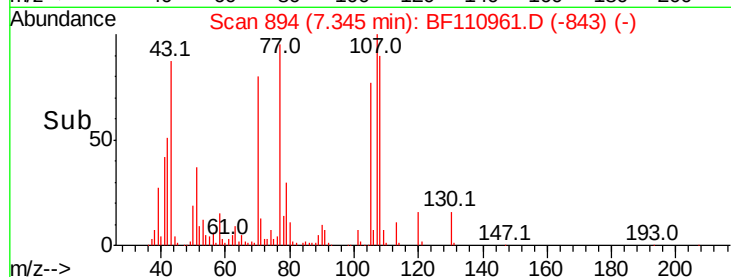
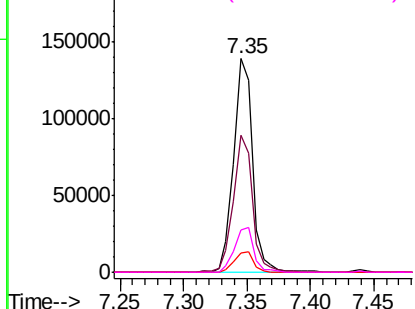
#19
n-Nitroso-di-n-propylamine
Concen: 41.110 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 143041
Ion Ratio Lower Upper
70 100
42 64.0 47.4 71.2
101 9.3 7.3 10.9
130 19.9 16.2 24.2



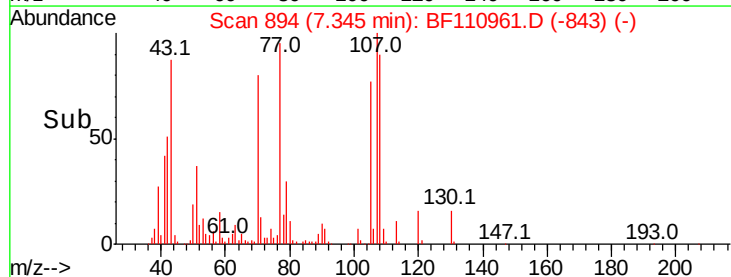
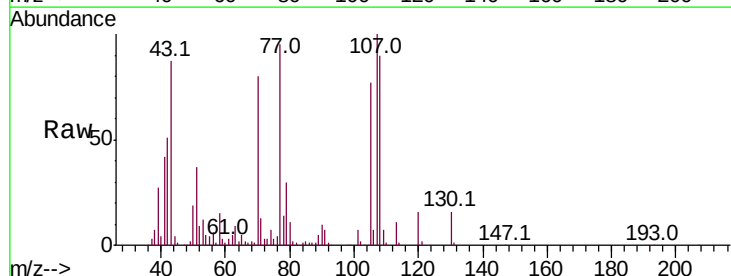
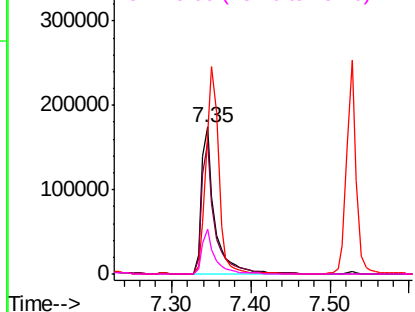
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

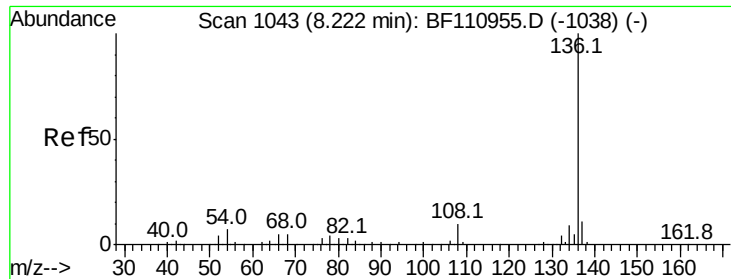


#20
3+4-Methylphenols
Concen: 40.297 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion:107 Resp: 206894
Ion Ratio Lower Upper
107 100
108 89.8 71.4 111.4
77 94.9 47.3 87.3#
79 30.2 10.9 50.9

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 294461

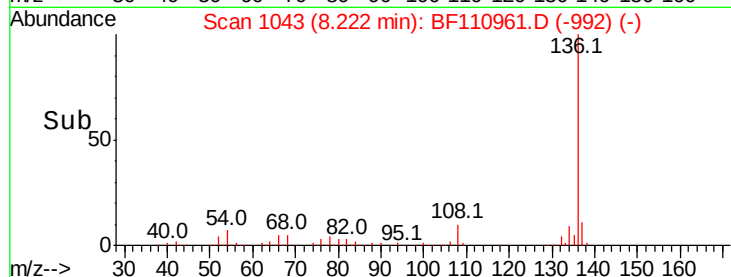
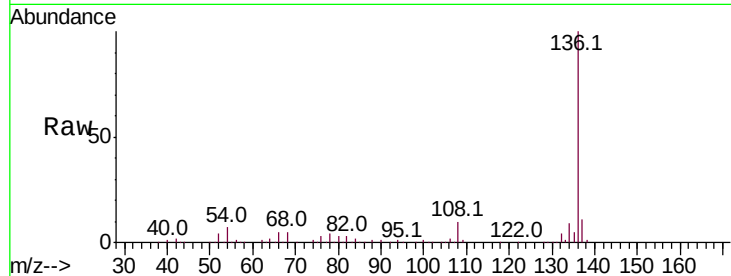
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 7.0 5.4 8.2

68 4.7 4.2 6.2

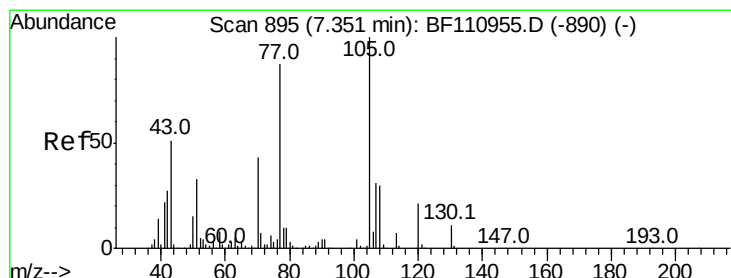
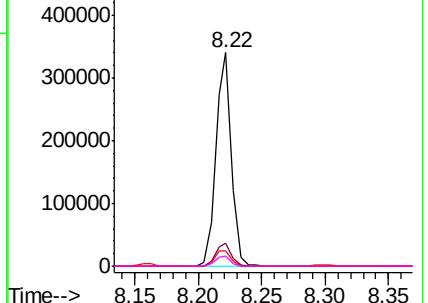


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.306 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Tgt Ion:105 Resp: 278195

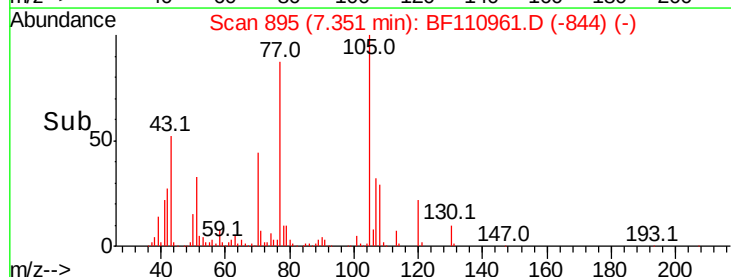
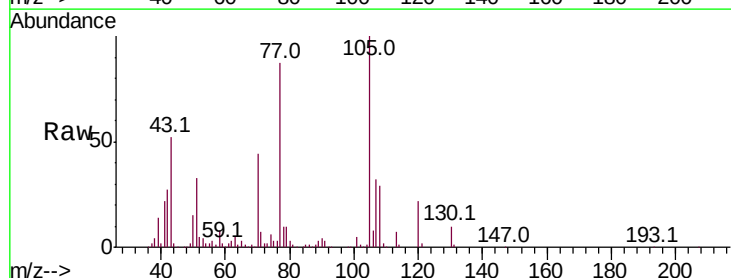
Ion Ratio Lower Upper

105 100

71 7.1 5.2 7.8

51 33.3 21.8 32.8#

120 22.0 17.0 25.4

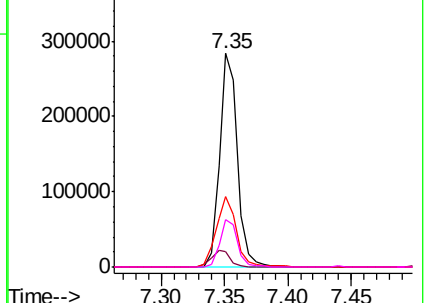


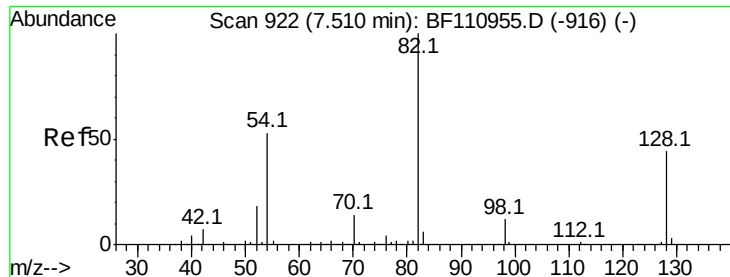
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

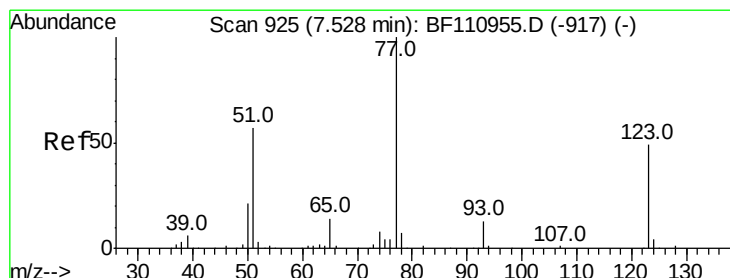
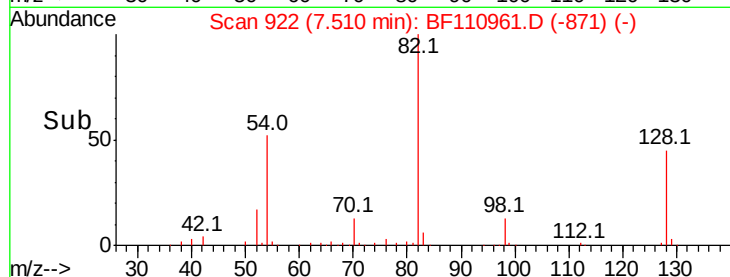
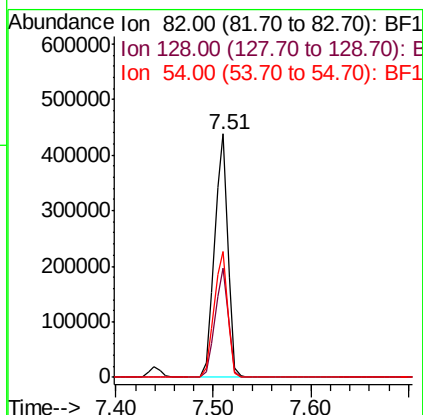
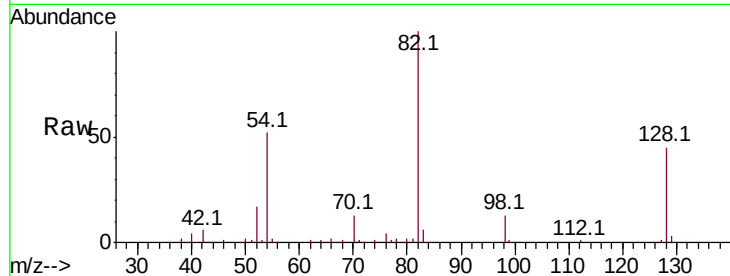




#23
 Nitrobenzene-d5
 Concen: 80.482 ng
 RT: 7.51 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

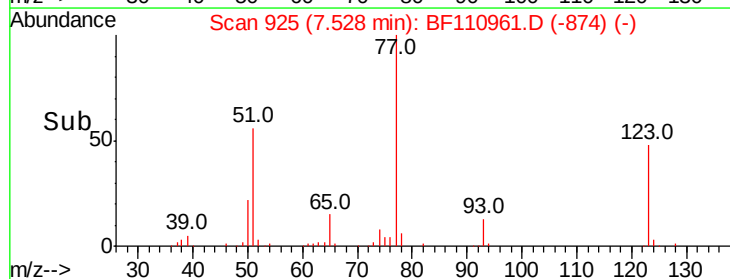
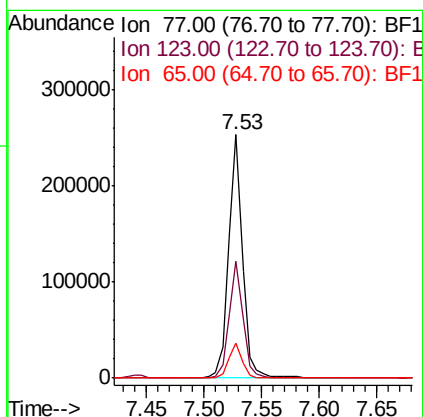
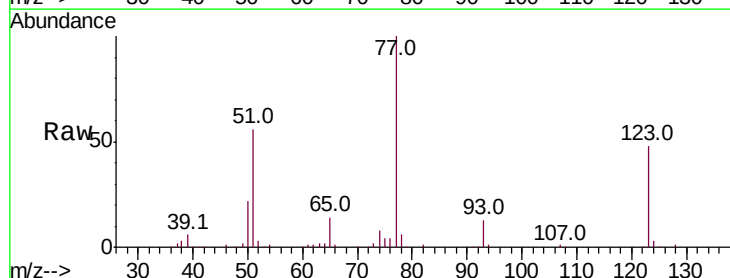
Instrument :
 BNA_F
 ClientSampled :

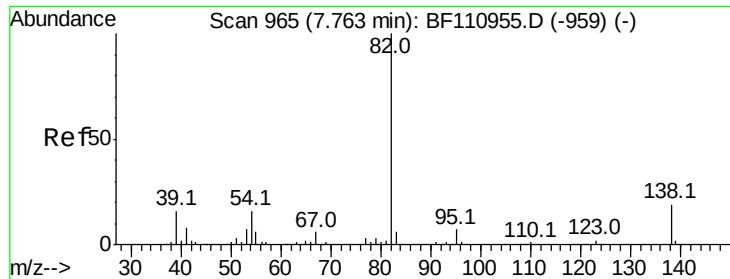
Tot Ion: 82 Resp: 414091
 Ion Ratio Lower Upper
 82 100
 128 44.7 34.2 51.2
 54 52.0 38.6 58.0



#24
 Nitrobenzene
 Concen: 39.462 ng
 RT: 7.53 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion: 77 Resp: 211143
 Ion Ratio Lower Upper
 77 100
 123 48.1 35.7 53.5
 65 14.4 10.7 16.1





#25

Isophorone

Concen: 40.185 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

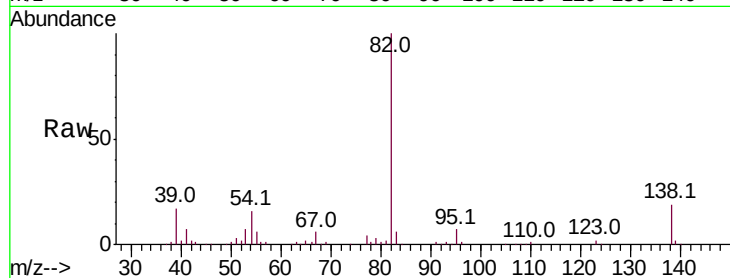
Tot Ion: 82 Resp: 339153

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

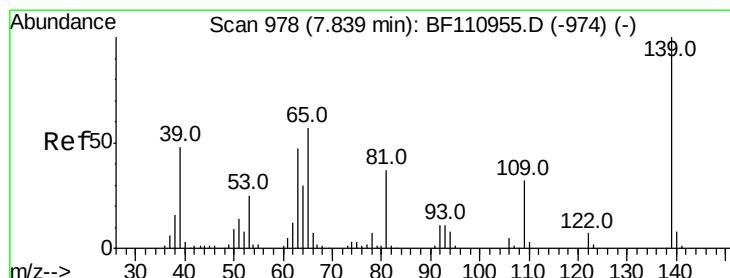
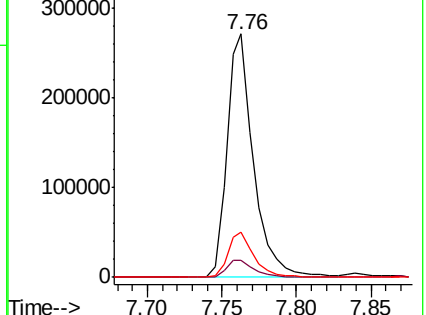
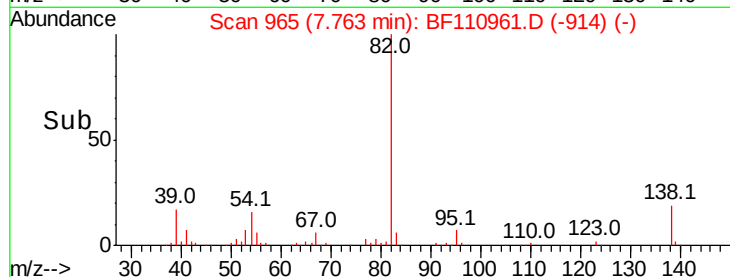
138 18.5 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.853 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

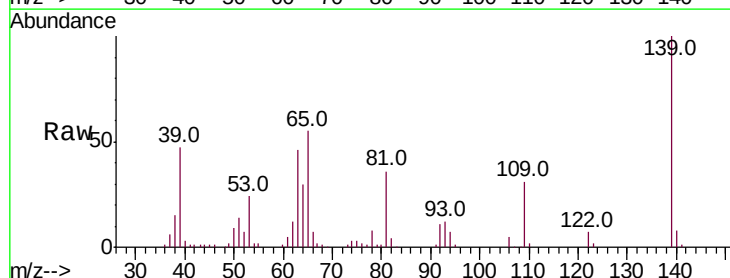
Tgt Ion: 139 Resp: 108796

Ion Ratio Lower Upper

139 100

109 30.7 25.0 37.6

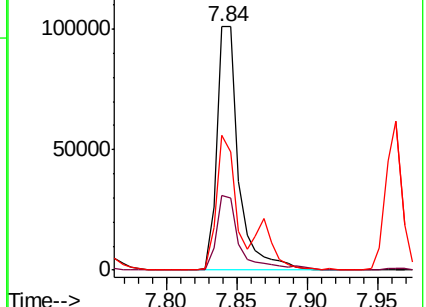
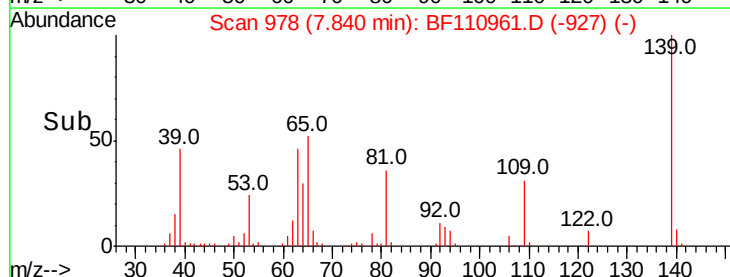
65 55.5 44.0 66.0

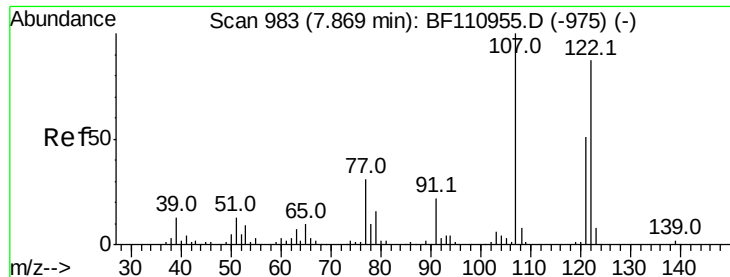


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

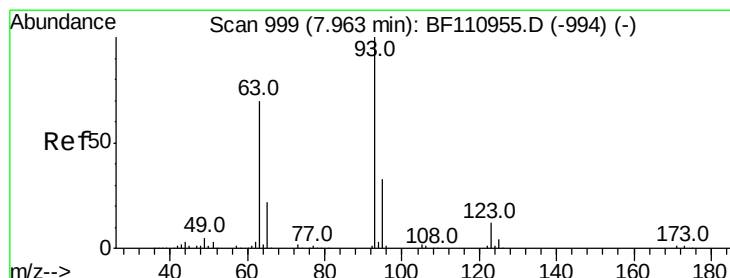
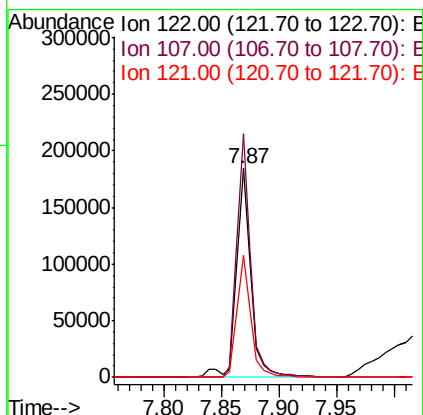
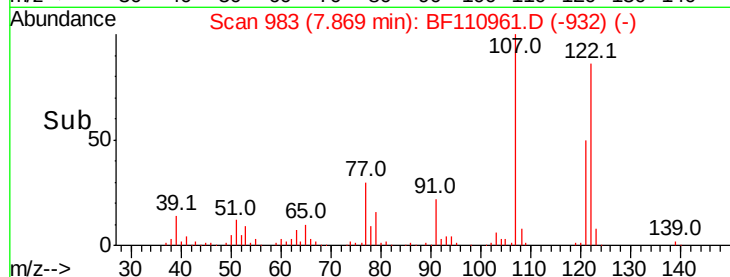
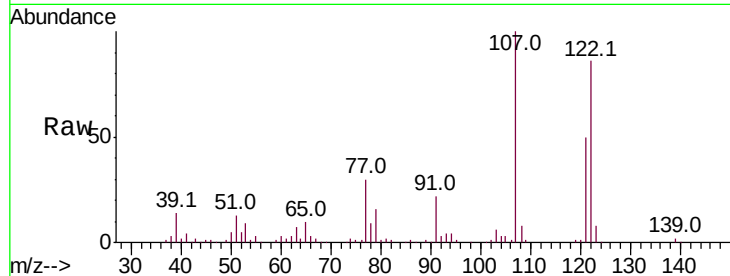




#27
2,4-Dimethylphenol
Concen: 40.997 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

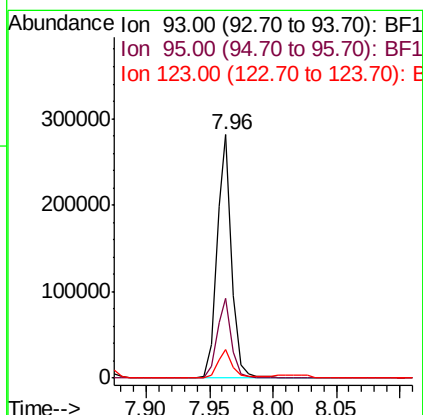
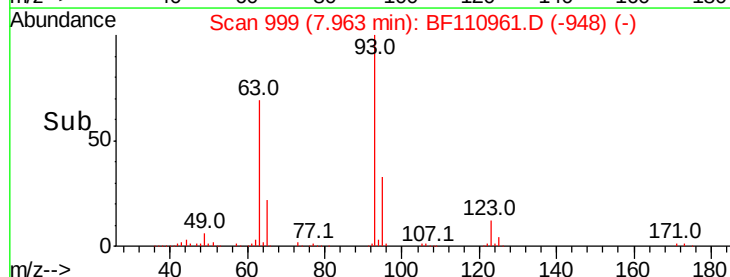
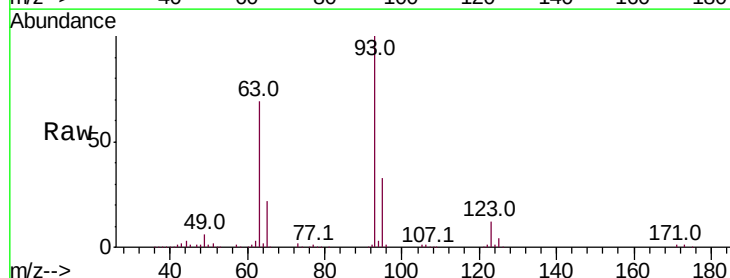
Instrument :
BNA_F
ClientSampled :

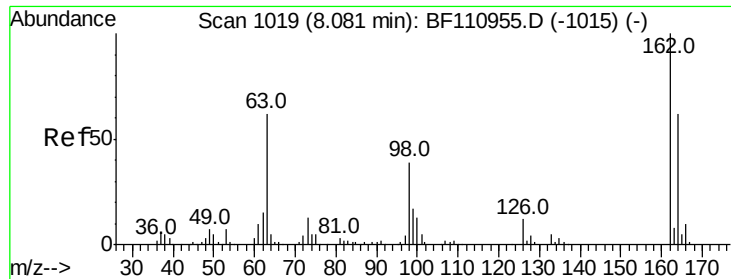
Tot Ion:122 Resp: 160940
Ion Ratio Lower Upper
122 100
107 116.6 92.5 138.7
121 58.1 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.480 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion: 93 Resp: 228880
Ion Ratio Lower Upper
93 100
95 32.6 26.4 39.6
123 12.0 9.0 13.6

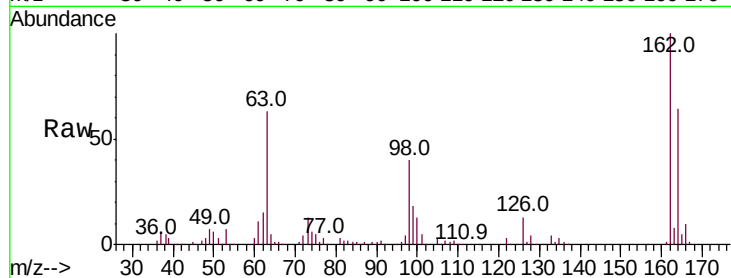




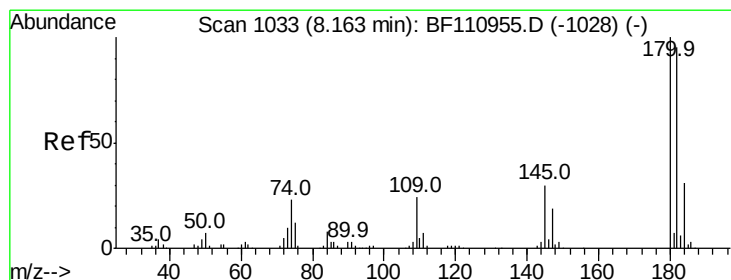
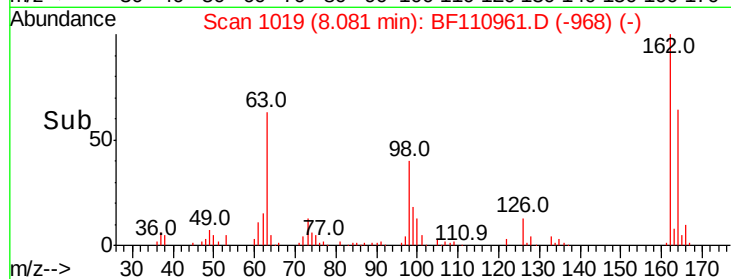
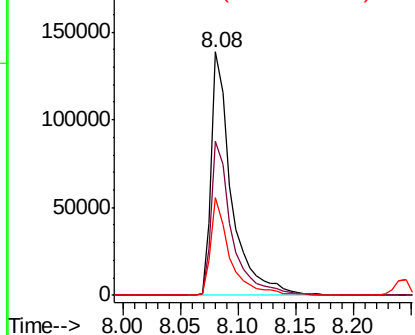
#29
 2,4-Dichlorophenol
 Concen: 41.193 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.6	84.6
98	40.0	17.4	57.4

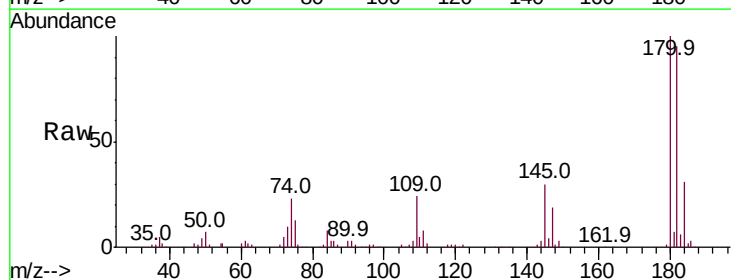


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

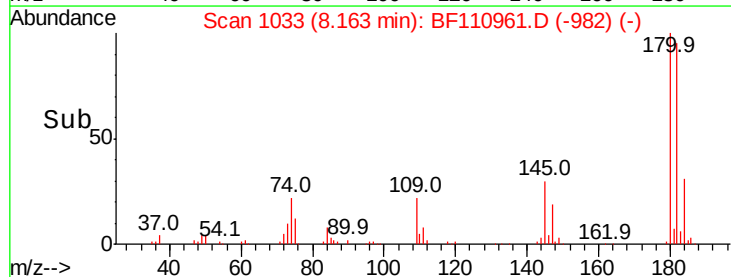
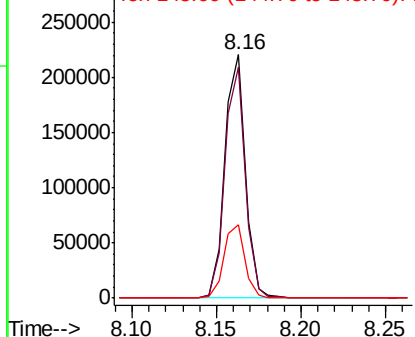


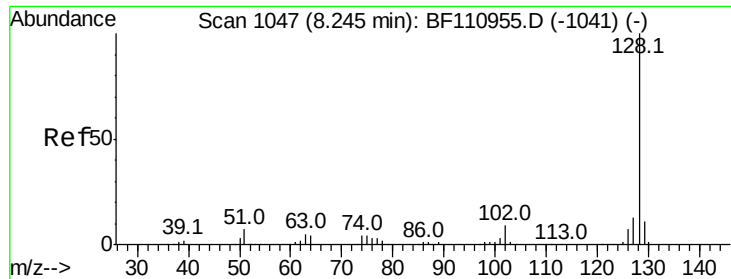
#30
 1,2,4-Trichlorobenzene
 Concen: 40.525 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	80.3	120.5
145	29.9	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

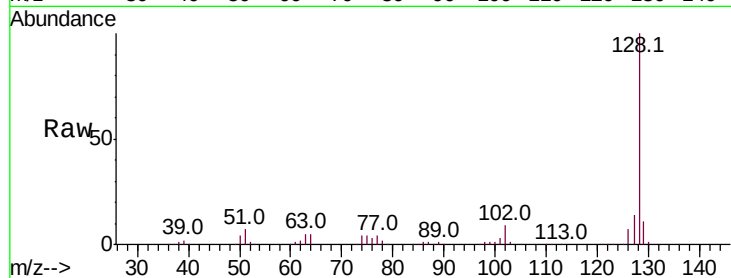




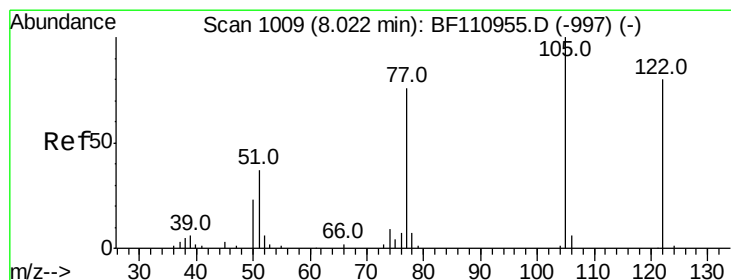
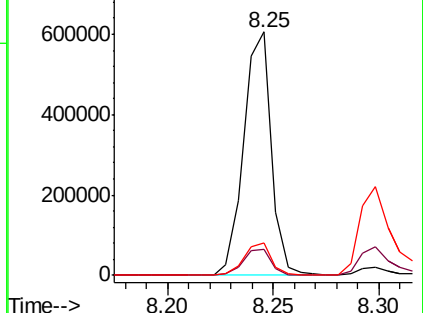
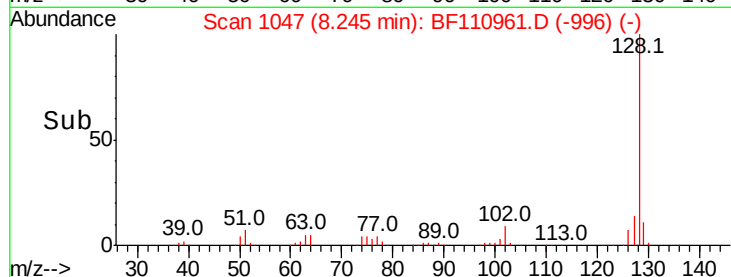
#31
Naphthalene
Concen: 39.681 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 547721
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.6 10.8 16.2

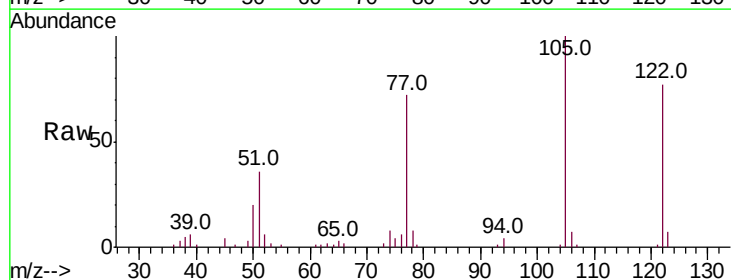


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

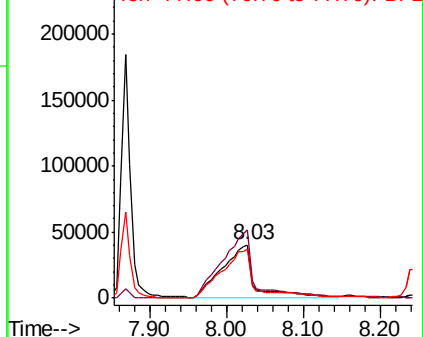
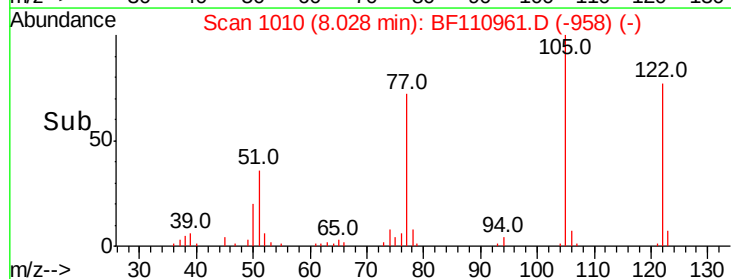


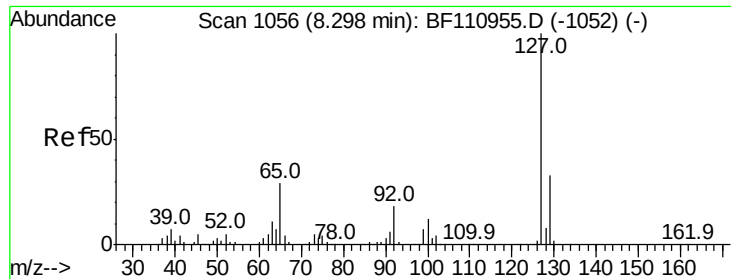
#32
Benzoic acid
Concen: 40.489 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion:122 Resp: 118172
Ion Ratio Lower Upper
122 100
105 129.7 109.0 149.0
77 93.0 79.0 119.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

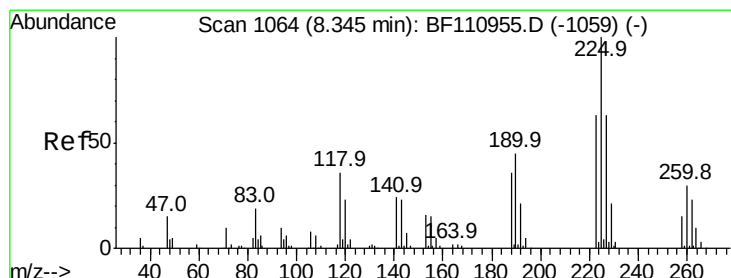
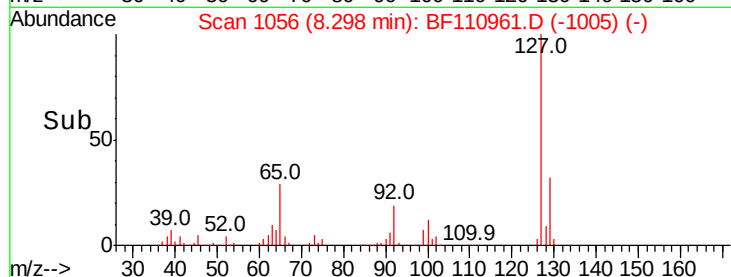
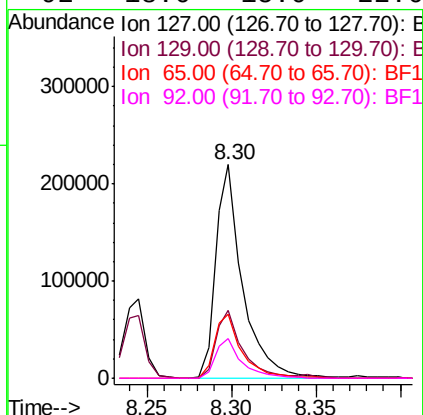
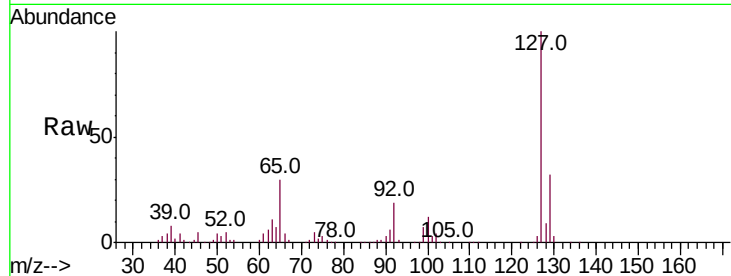




#33
4-Chloroaniline
Concen: 41.009 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

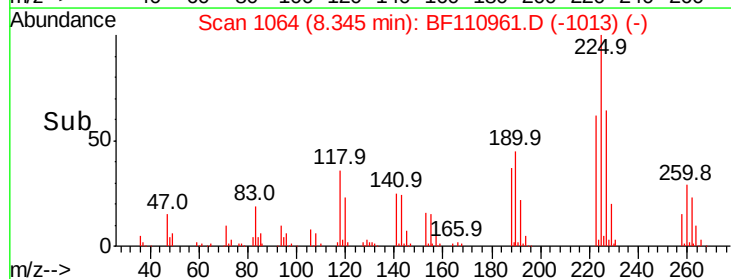
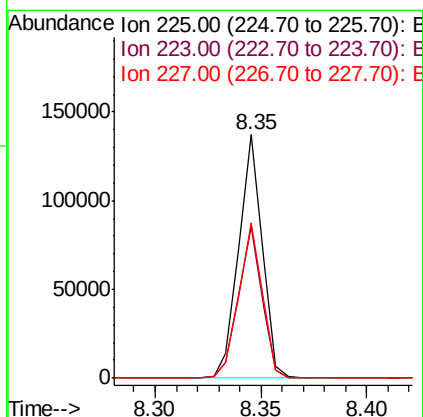
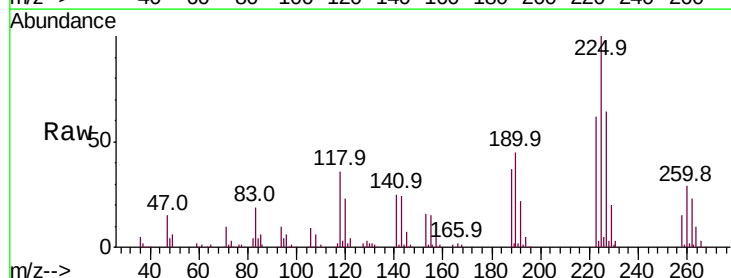
Instrument :
BNA_F
ClientSampleId :

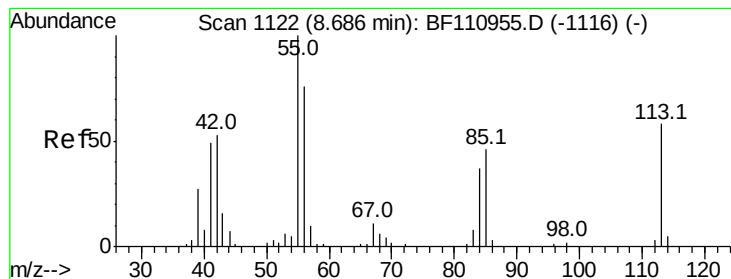
Tot Ion:	127	Resp:	240926
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	29.9	25.1	37.7
92	18.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.227 ng
RT: 8.35 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion:	225	Resp:	105479
Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.4	77.2
227	63.8	51.0	76.6





#35

Caprolactam

Concen: 40.874 ng

RT: 8.69 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampled :

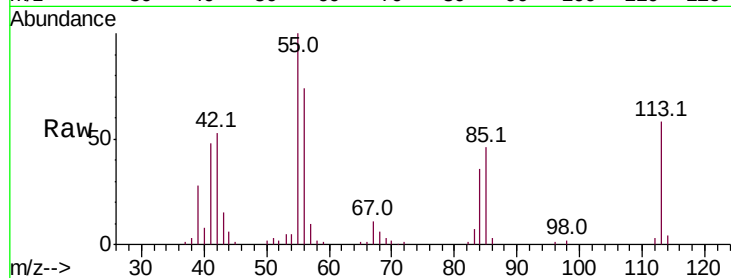
Tot Ion:113 Resp: 57324

Ion Ratio Lower Upper

113 100

55 172.6 142.8 182.8

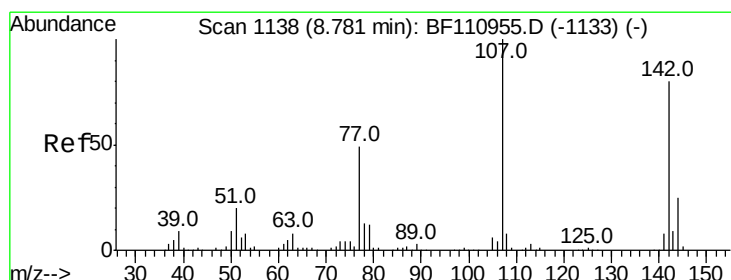
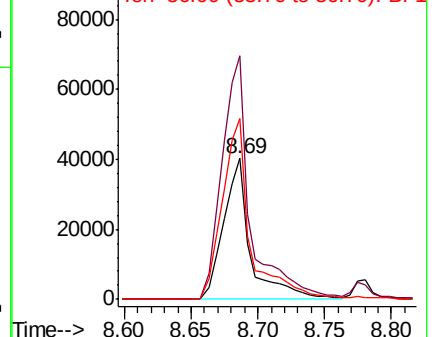
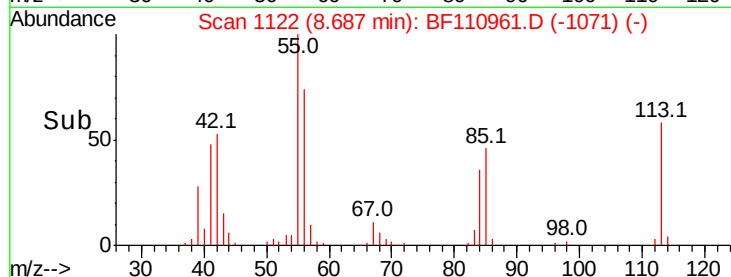
56 128.4 105.0 145.0



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: 40.470 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

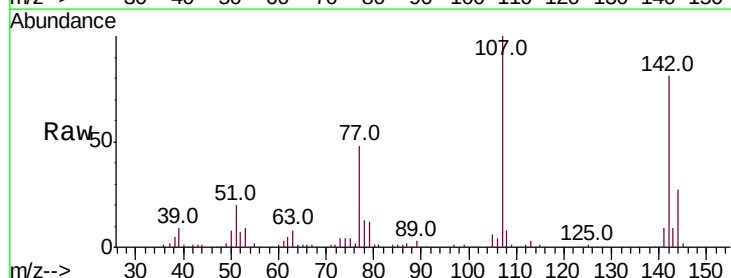
Tgt Ion:107 Resp: 184715

Ion Ratio Lower Upper

107 100

144 26.5 20.0 30.0

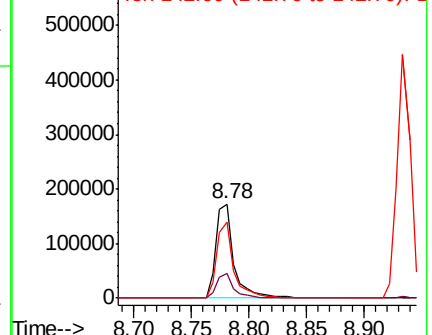
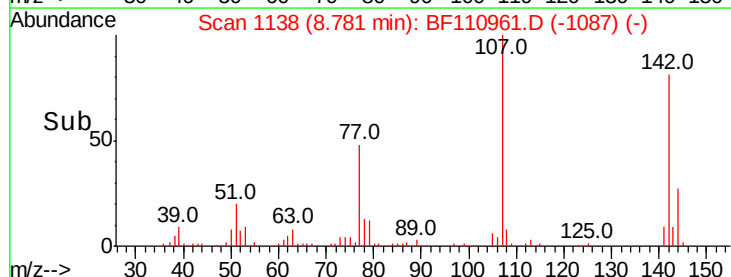
142 81.0 59.7 89.5

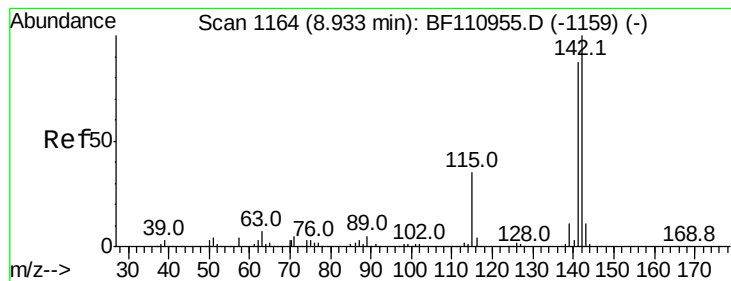


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

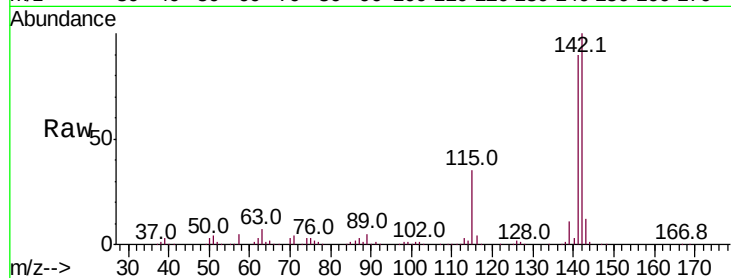




#37
2-Methylnaphthalene
Concen: 39.939 ng
RT: 8.93 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	35.1	28.7	43.1

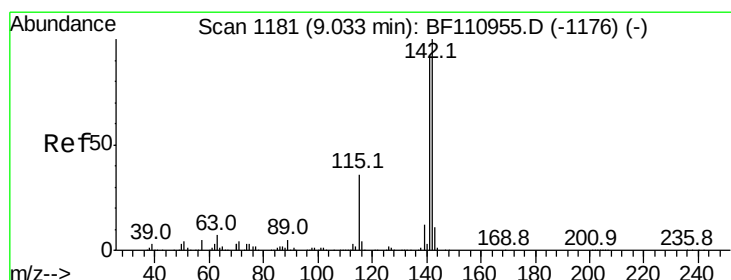
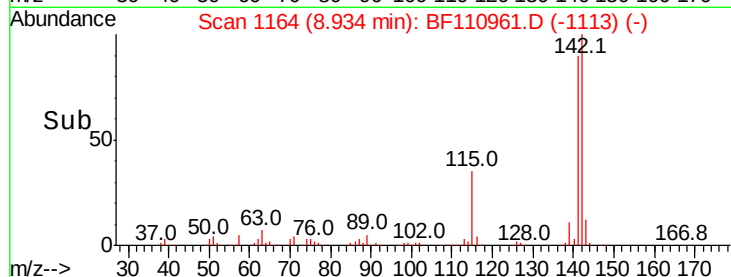
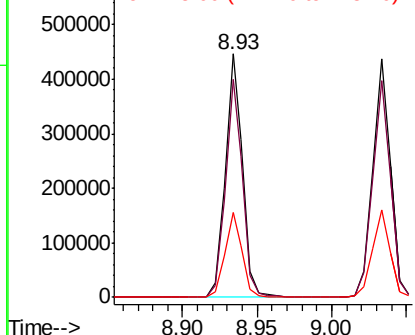


Abundance

Ion 142.00 (141.70 to 142.70): E

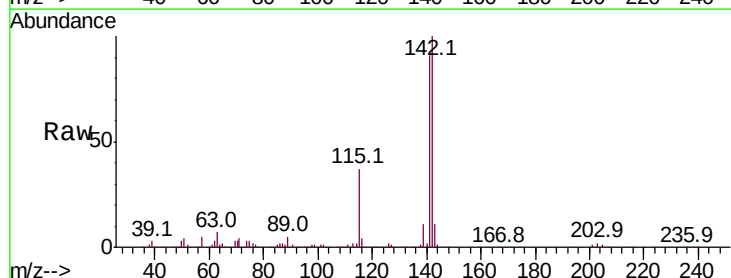
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.989 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.2	111.4
116	3.7	2.6	4.0

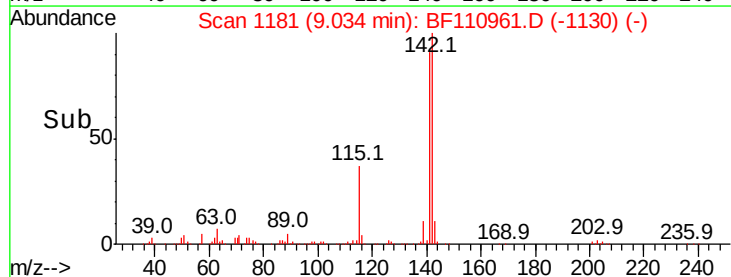
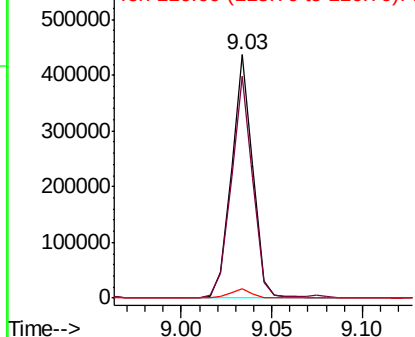


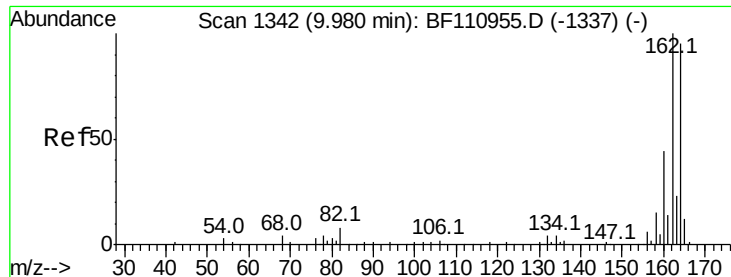
Abundance

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

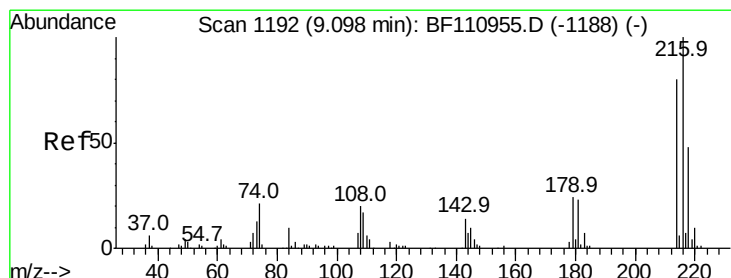
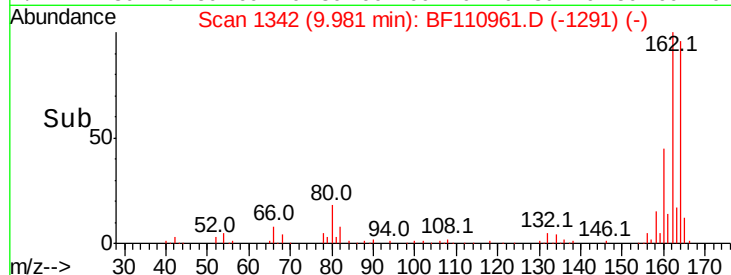
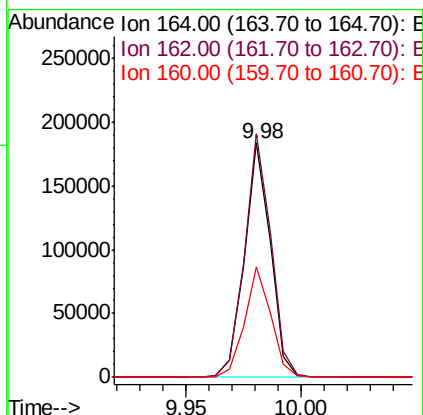
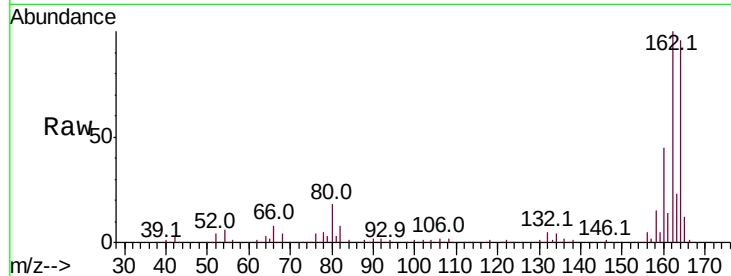




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

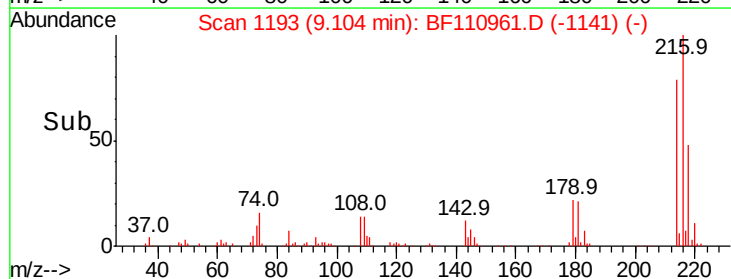
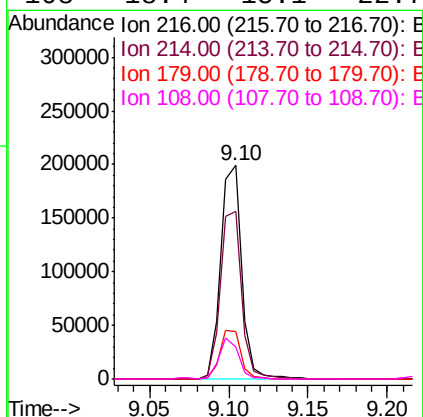
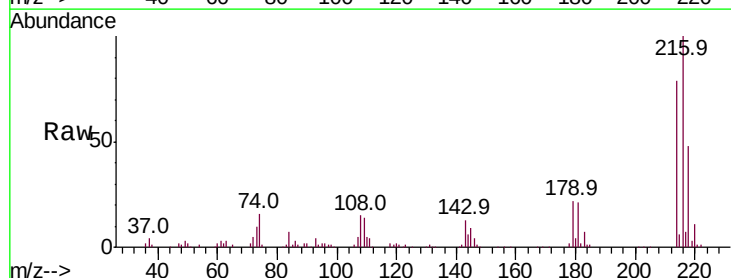
Instrument :
 BNA_F
 ClientSampleId :

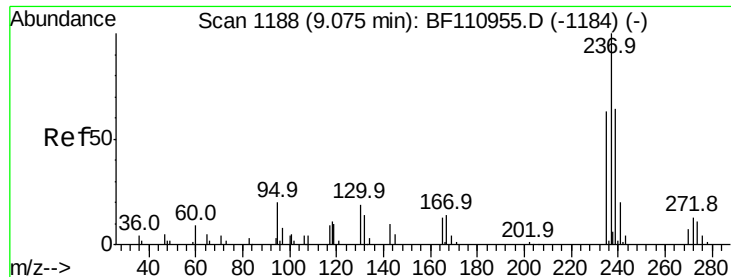
Tot Ion:164 Resp: 144589
 Ion Ratio Lower Upper
 164 100
 162 103.8 83.0 124.6
 160 47.1 37.0 55.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.139 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:216 Resp: 182570
 Ion Ratio Lower Upper
 216 100
 214 79.5 63.8 95.6
 179 23.1 16.6 25.0
 108 18.4 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 40.454 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

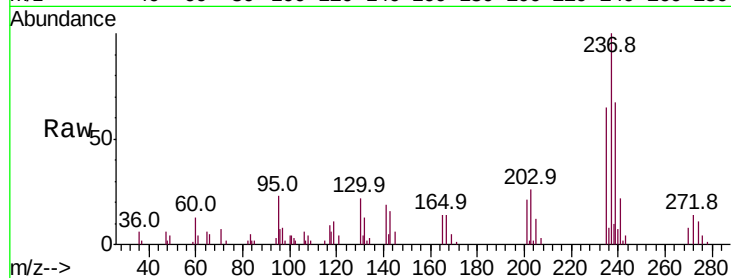
Tot Ion:237 Resp: 18062

Ion Ratio Lower Upper

237 100

235 65.0 43.1 83.1

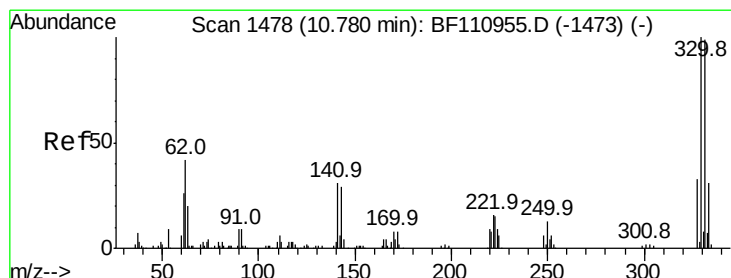
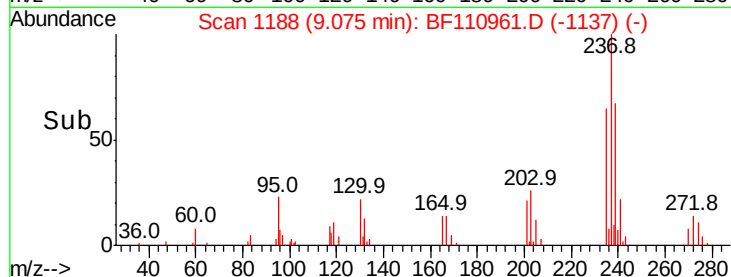
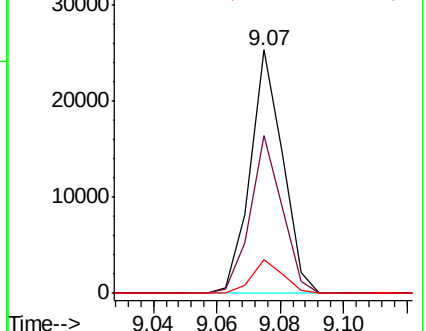
272 13.6 0.0 32.6



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: 82.334 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

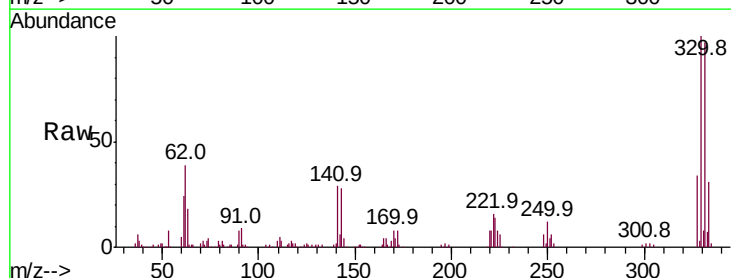
Tgt Ion:330 Resp: 118228

Ion Ratio Lower Upper

330 100

332 94.7 77.1 115.7

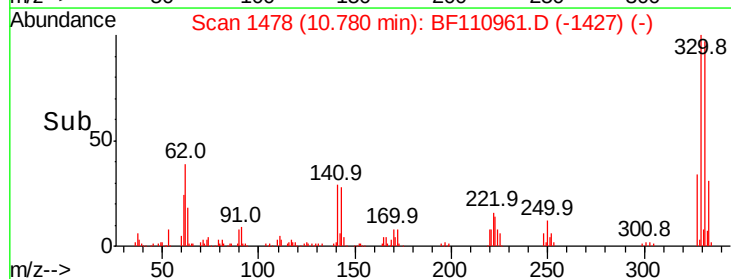
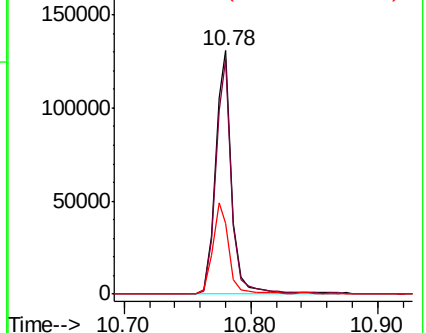
141 37.8 27.0 40.4

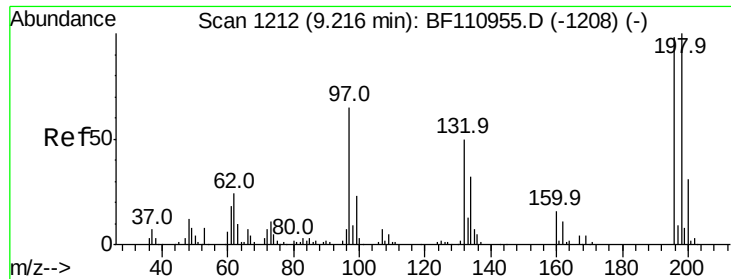


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

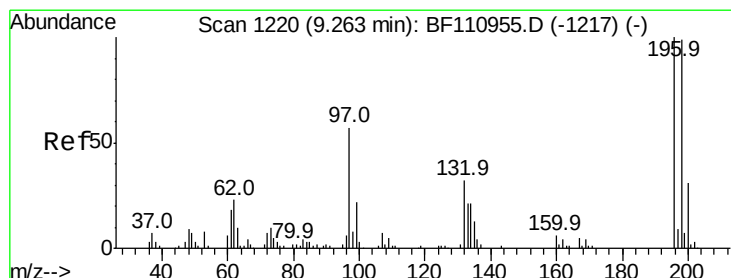
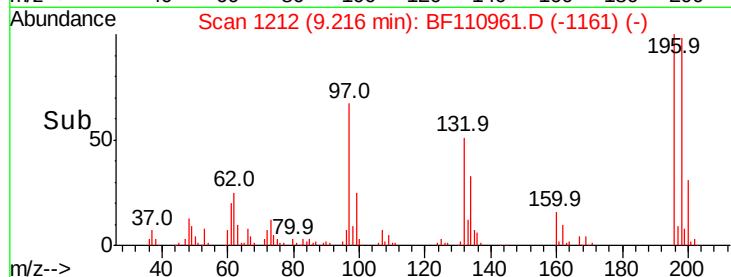
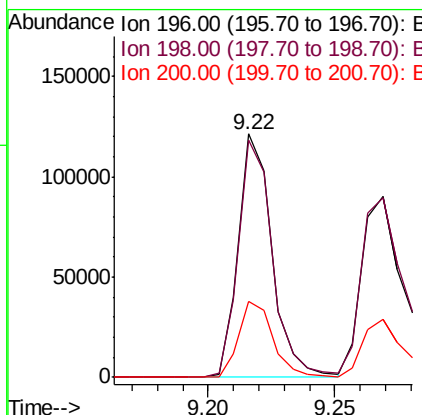
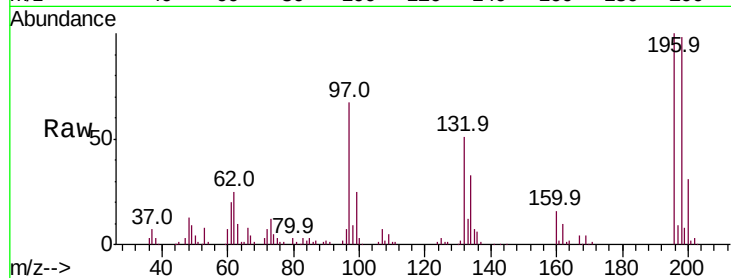




#43
 2,4,6-Trichlorophenol
 Concen: 41.371 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

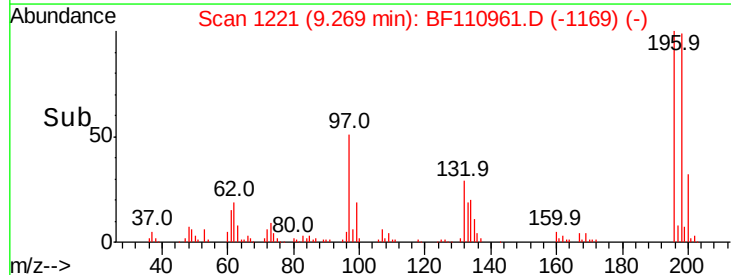
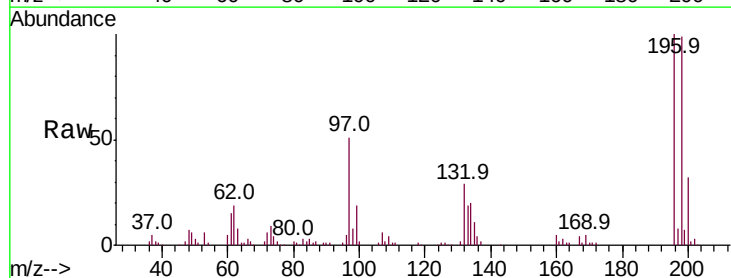
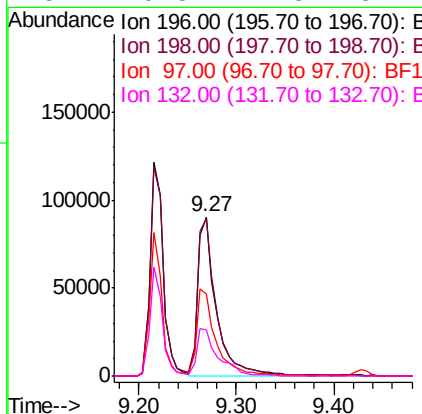
Instrument :
 BNA_F
 ClientSampled :

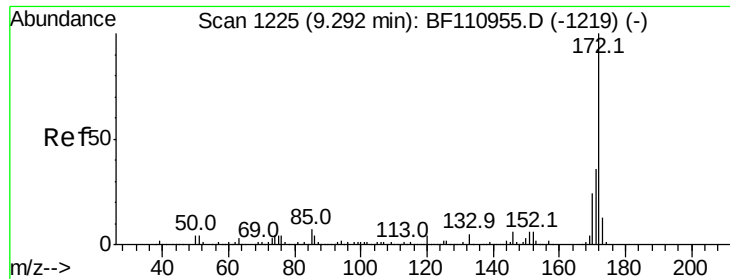
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.2	114.4
200	31.3	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.356 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.2	75.8	113.6
97	51.1	42.4	63.6
132	29.3	22.8	34.2

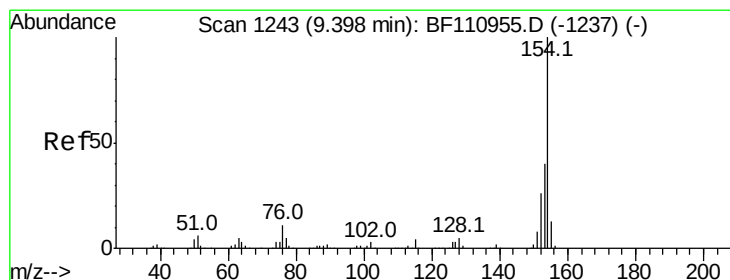
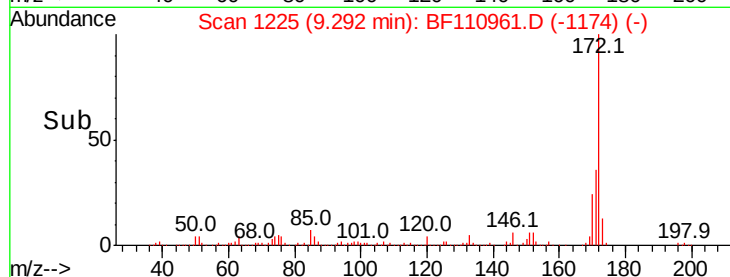
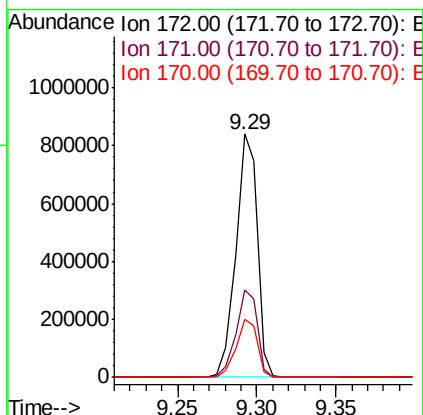
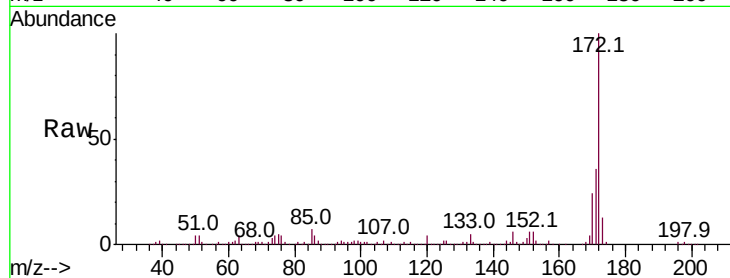




#45
2-Fluorobiphenyl
Concen: 78.641 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

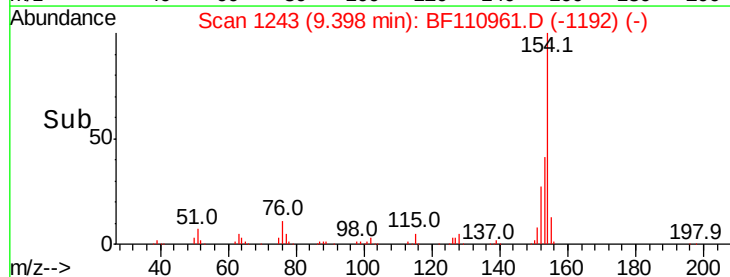
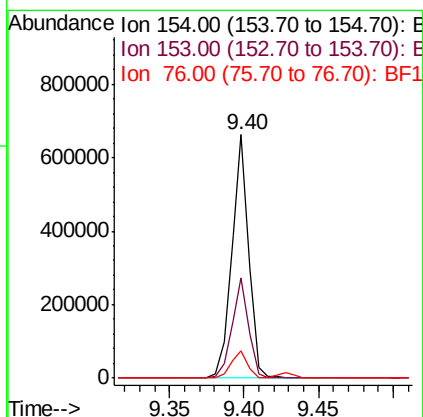
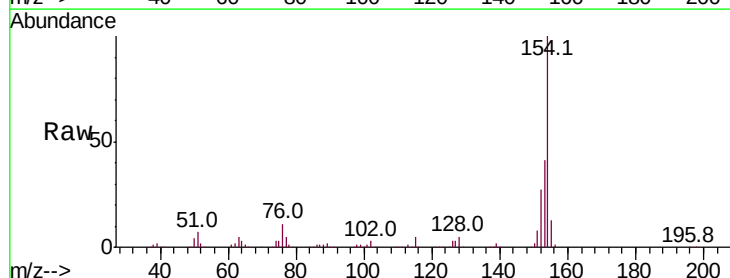
Instrument :
BNA_F
ClientSampleId :

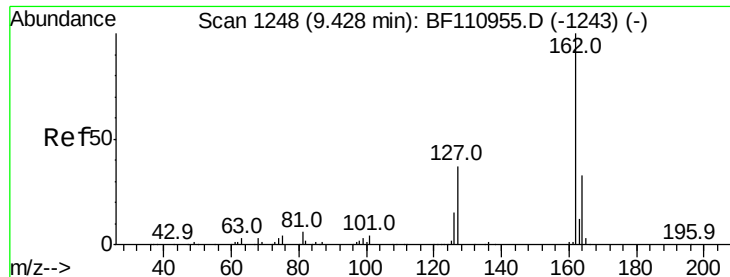
Tot Ion:172 Resp: 784847
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.6 19.7 29.5



#46
1,1'-Biphenyl
Concen: 39.787 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion:154 Resp: 530376
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 11.1 0.0 31.9

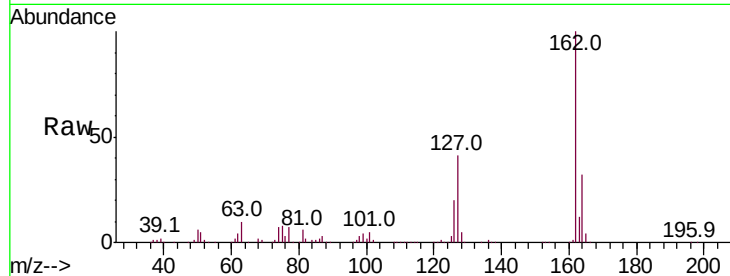




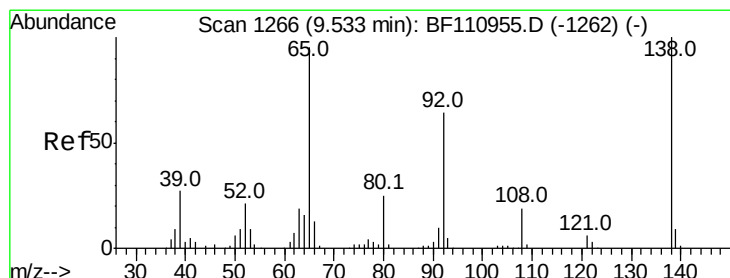
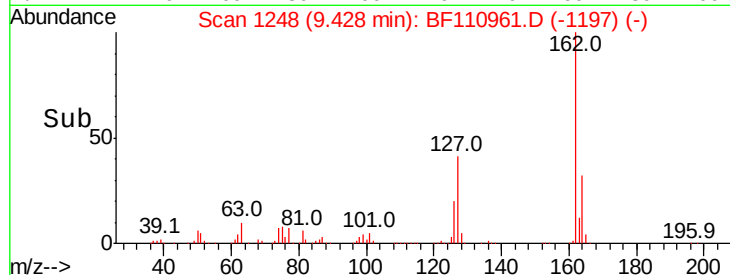
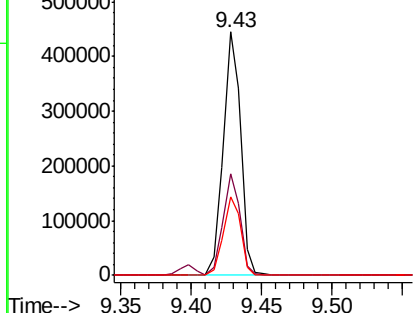
#47
 2-Chloronaphthalene
 Concen: 39.495 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 381732
 Ion Ratio Lower Upper
 162 100
 127 41.5 32.6 48.8
 164 32.0 25.9 38.9

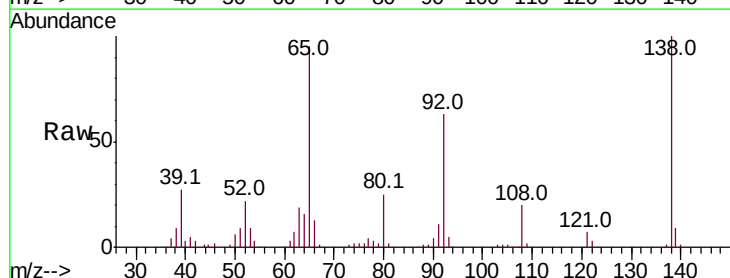


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

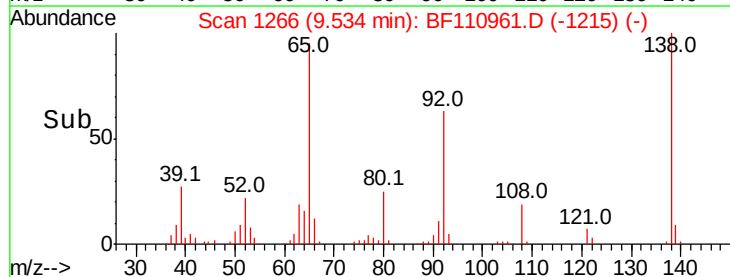
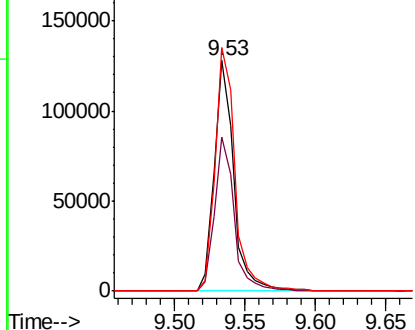


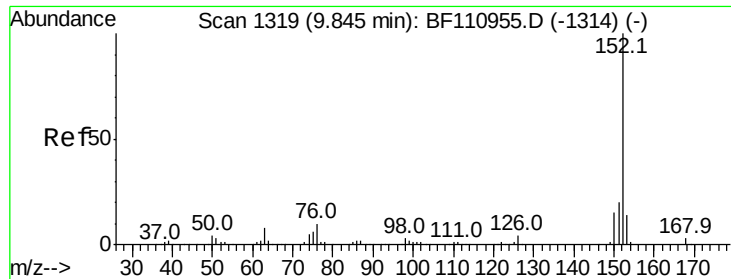
#48
 2-Nitroaniline
 Concen: 40.538 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion: 65 Resp: 122552
 Ion Ratio Lower Upper
 65 100
 92 67.1 54.6 81.8
 138 105.7 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: 39.836 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

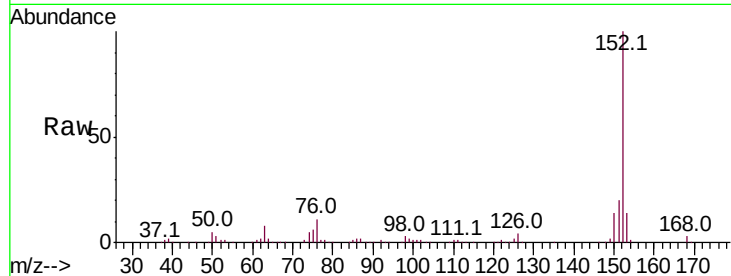
Tot Ion:152 Resp: 547496

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

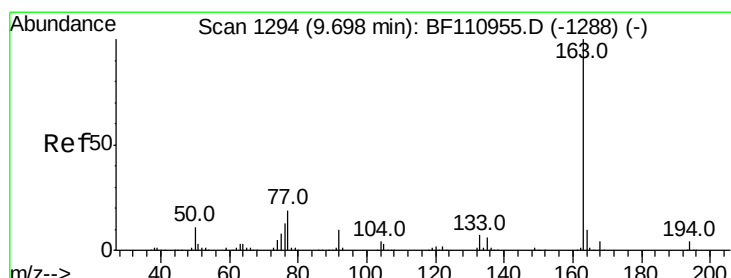
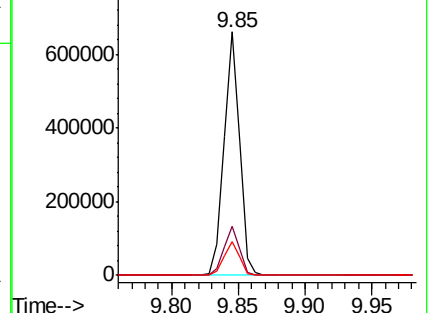
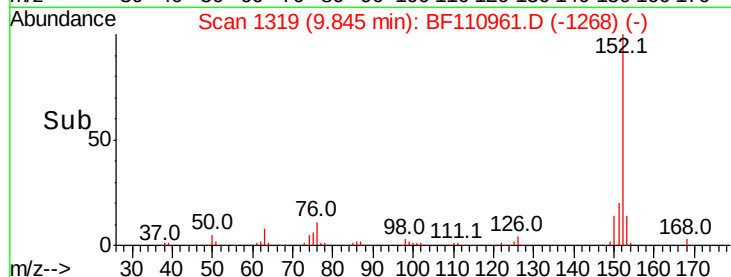
153 13.9 10.4 15.6



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: 39.878 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

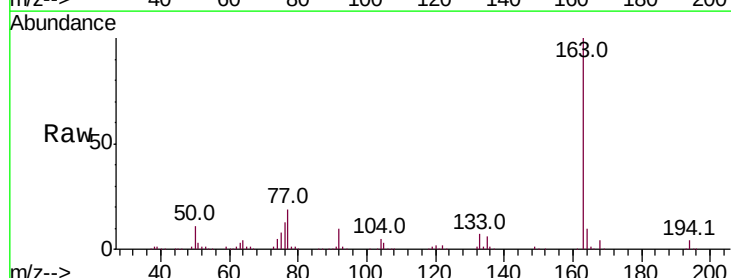
Tgt Ion:163 Resp: 422878

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

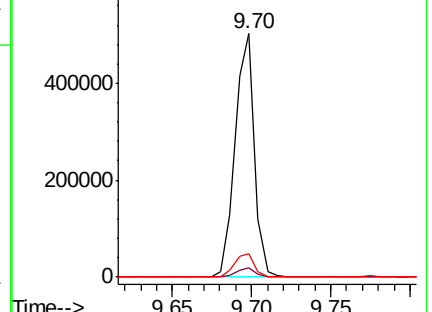
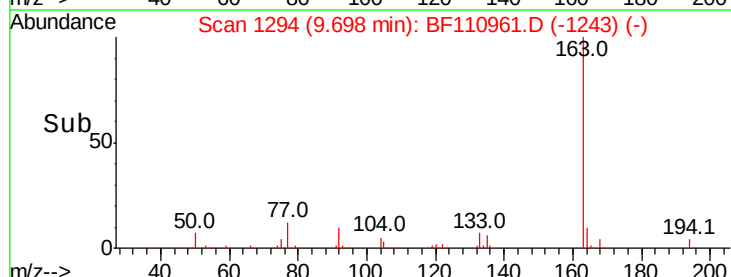
164 9.8 8.1 12.1

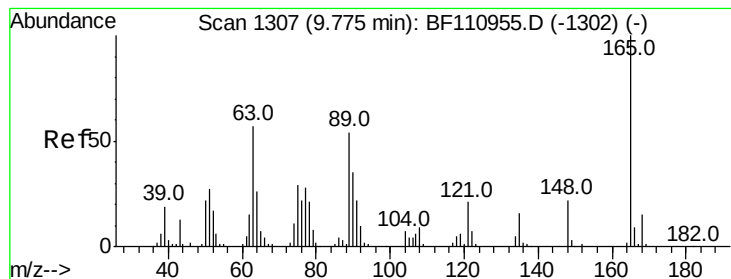


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.505 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampled :

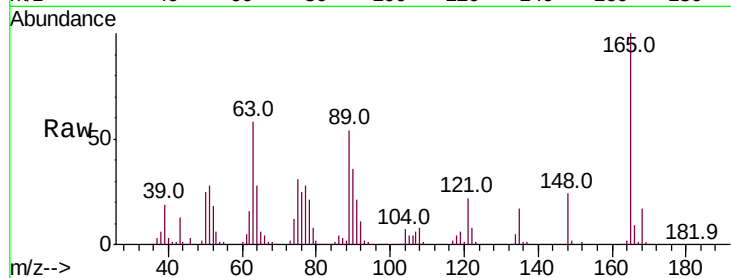
Tot Ion:165 Resp: 95620

Ion Ratio Lower Upper

165 100

63 58.5 48.9 73.3

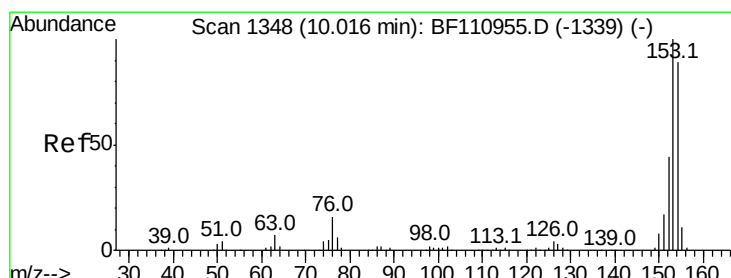
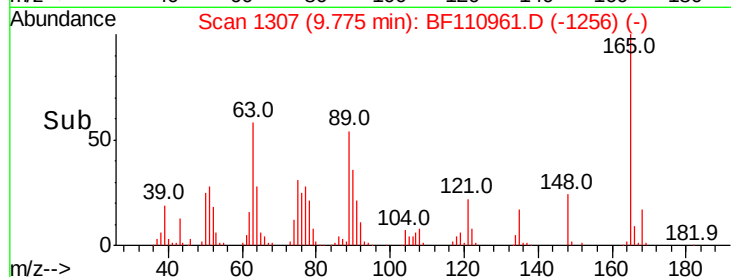
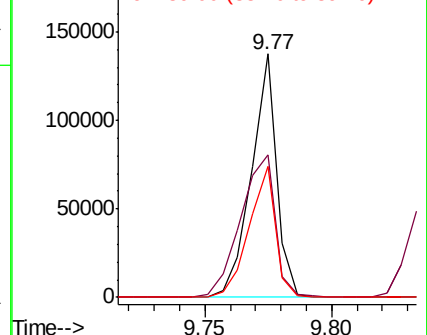
89 53.7 46.6 69.8



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: 39.611 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

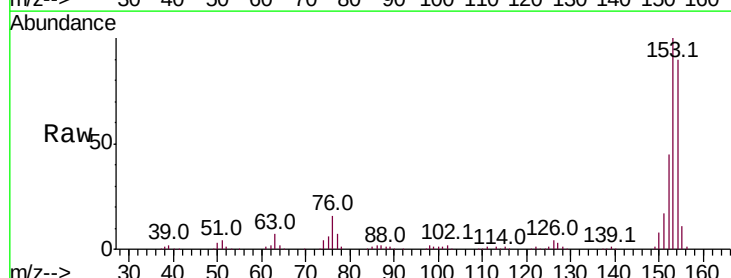
Tgt Ion:154 Resp: 349000

Ion Ratio Lower Upper

154 100

153 111.7 90.1 135.1

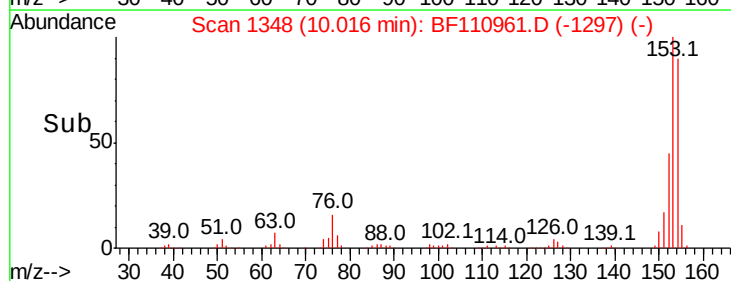
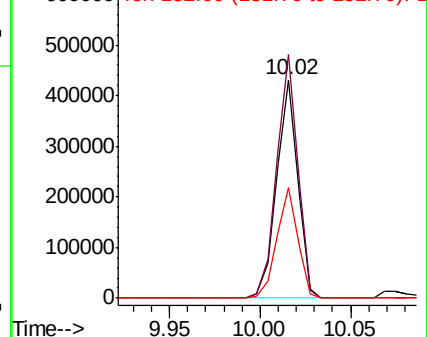
152 50.6 43.4 65.2

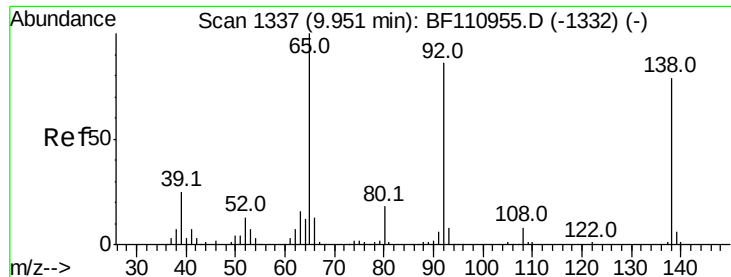


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

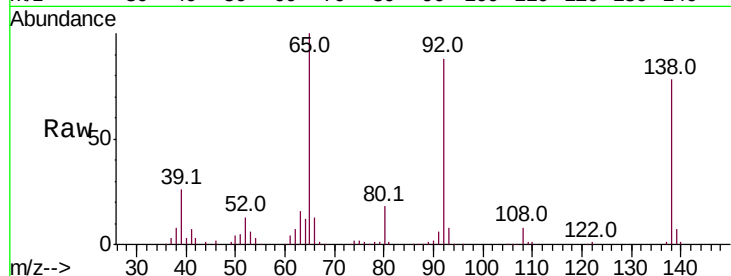




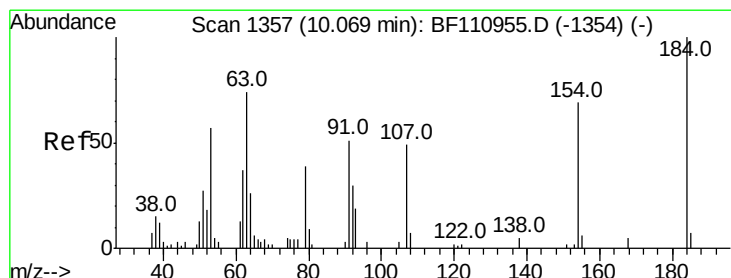
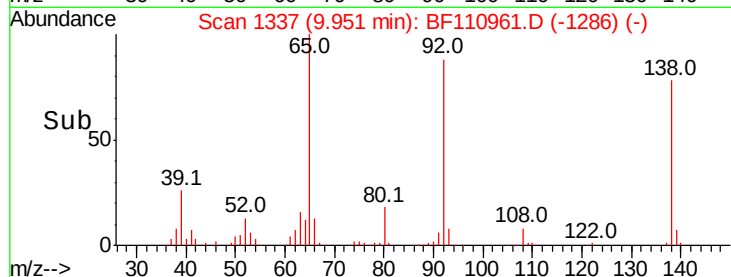
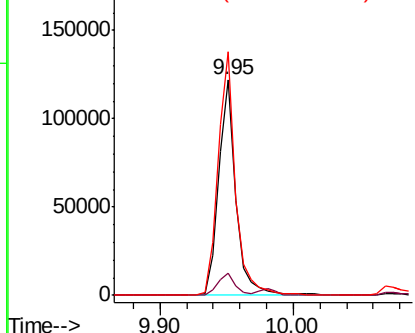
#53
 3-Nitroaniline
 Concen: 40.625 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 111778
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.7 13.1
 92 112.9 97.0 145.4

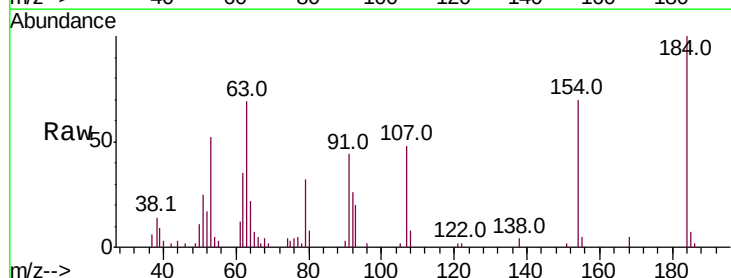


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

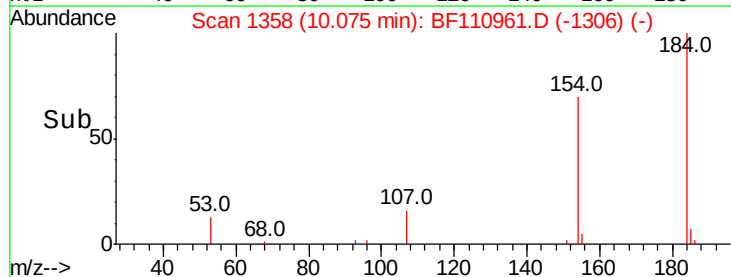
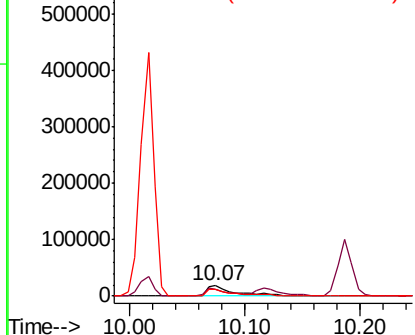


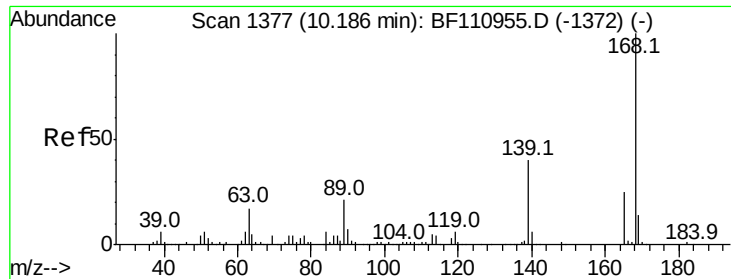
#54
 2,4-Dinitrophenol
 Concen: 41.372 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.01 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:184 Resp: 32937
 Ion Ratio Lower Upper
 184 100
 63 69.2 55.8 83.6
 154 69.8 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

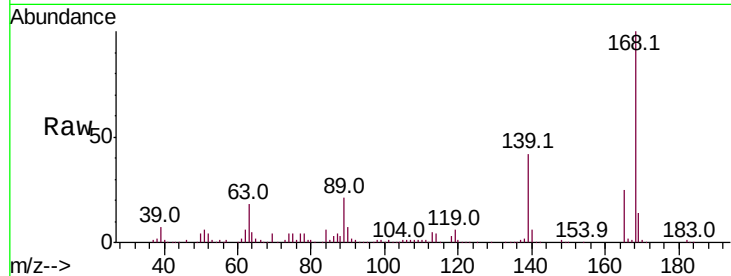




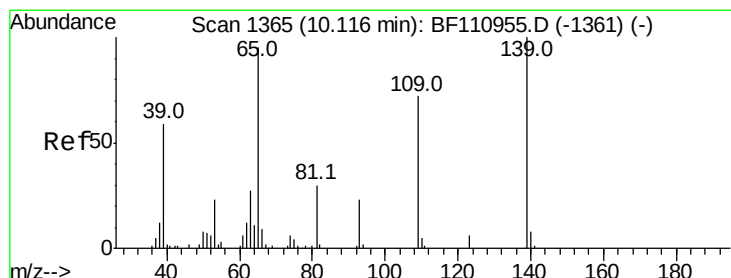
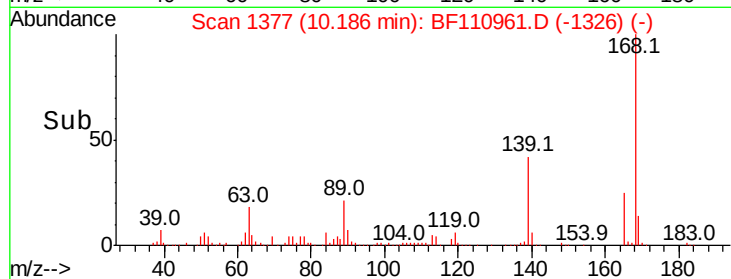
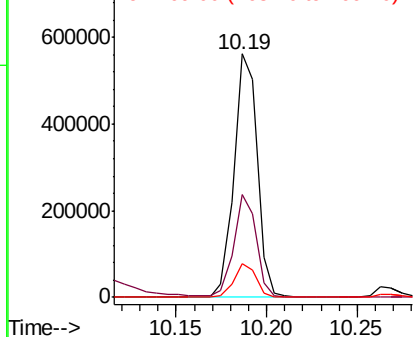
#55
Dibenzenofuran
Concen: 39.081 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 502330
Ion Ratio Lower Upper
168 100
139 42.1 33.0 49.6
169 13.7 11.3 16.9

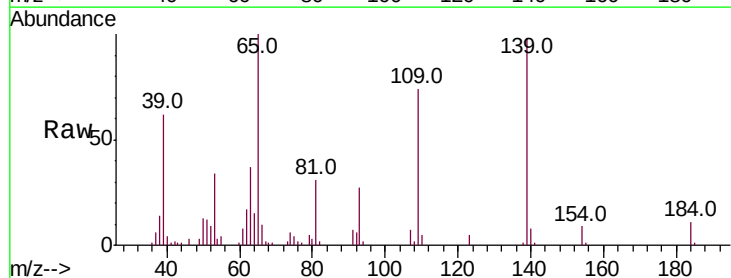


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

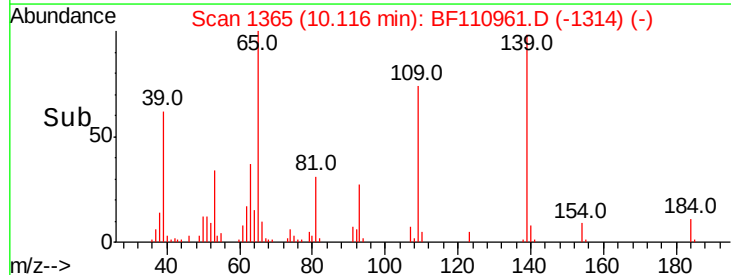
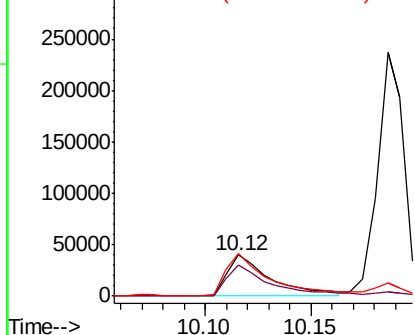


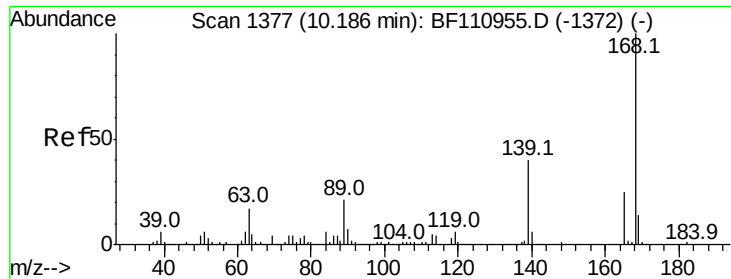
#56
4-Nitrophenol
Concen: 39.652 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion:139 Resp: 57198
Ion Ratio Lower Upper
139 100
109 76.3 55.8 95.8
65 102.4 77.9 117.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

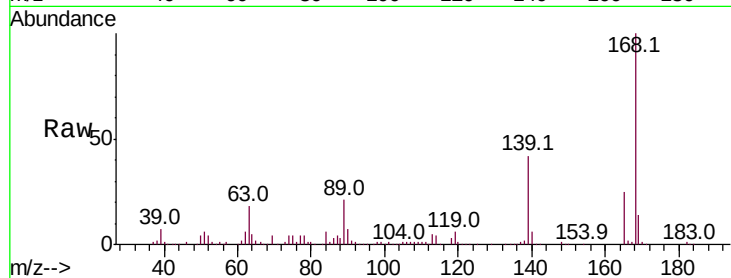




#57
 2,4-Dinitrotoluene
 Concen: 40.450 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	70.3	44.8	67.2#
89	85.3	62.2	93.4
182	2.4	2.1	3.1



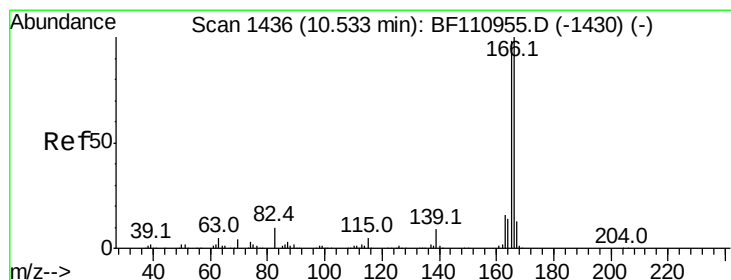
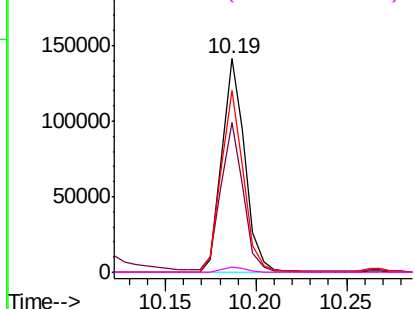
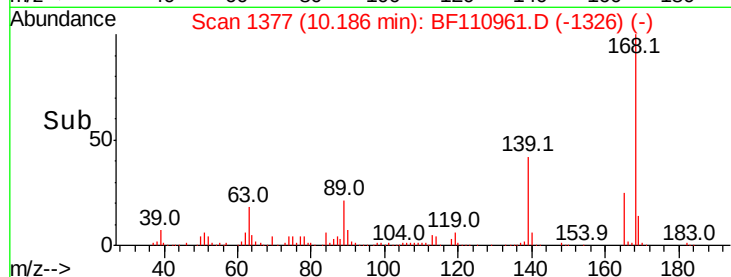
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

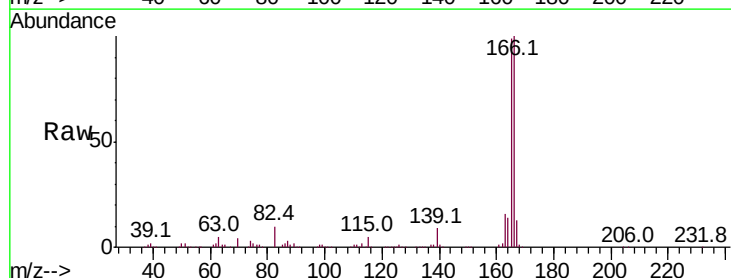
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 39.256 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	117.8
167	13.4	10.8	16.2

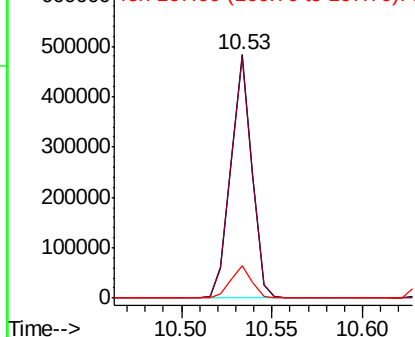
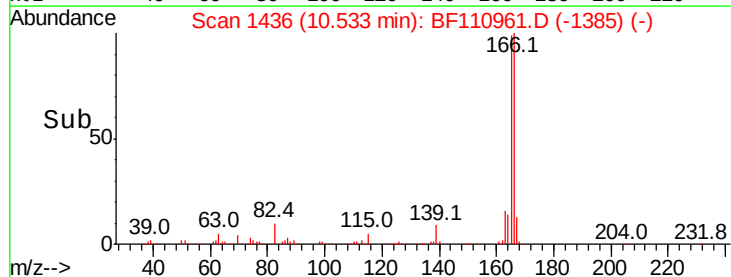


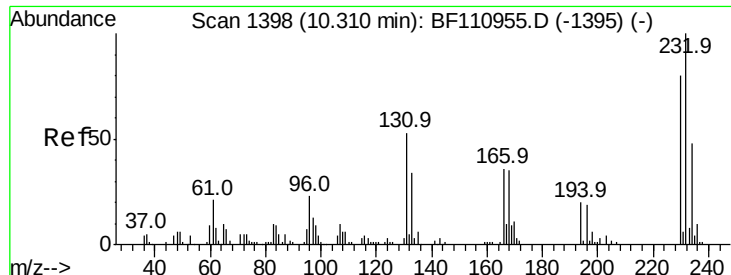
Abundance

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

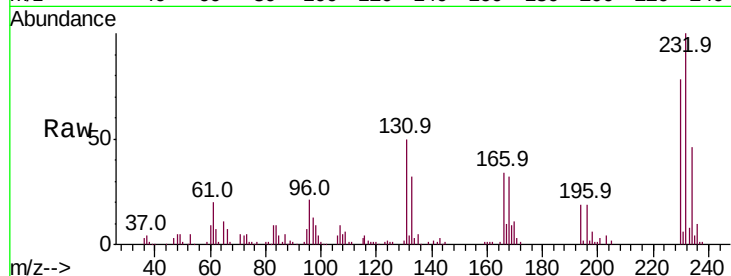




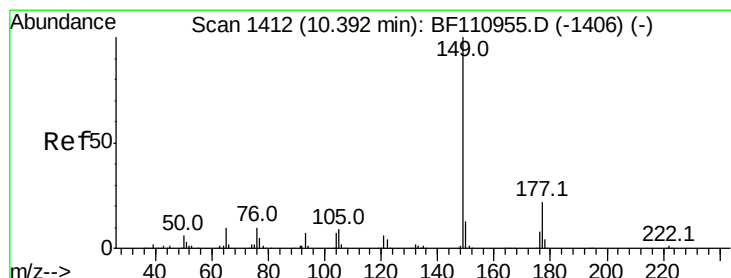
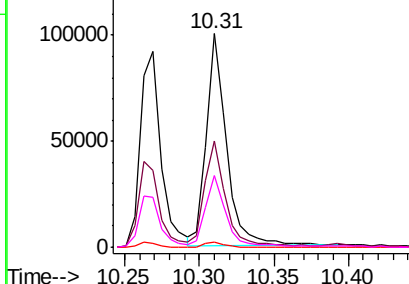
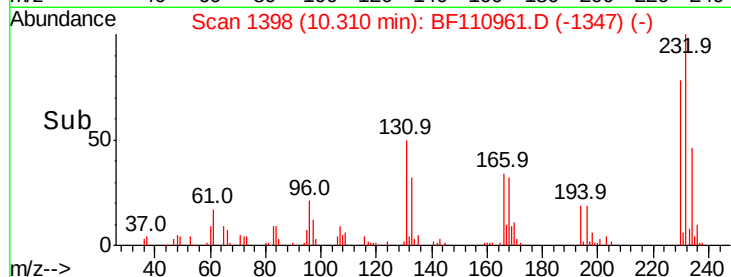
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.434 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 94918
Ion Ratio Lower Upper
232 100
131 51.5 37.0 55.4
130 2.2 1.8 2.6
166 32.8 22.0 33.0

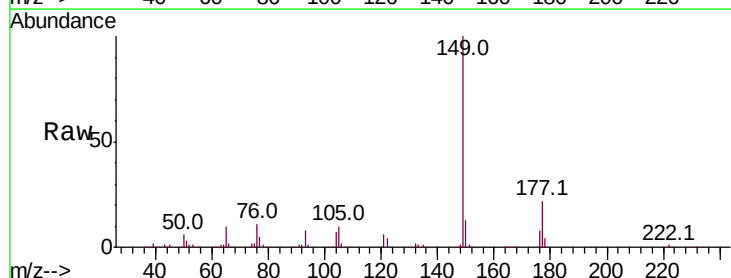


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

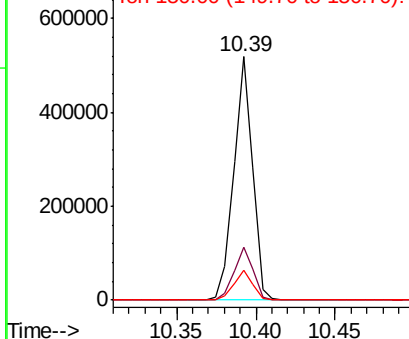
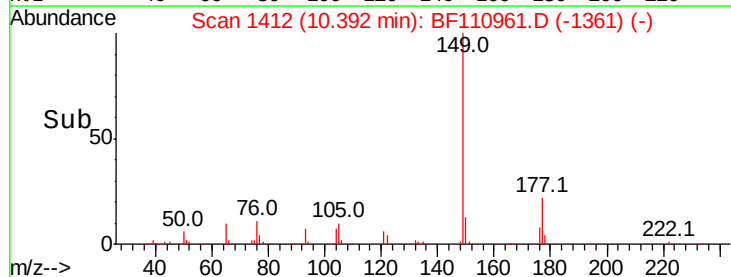


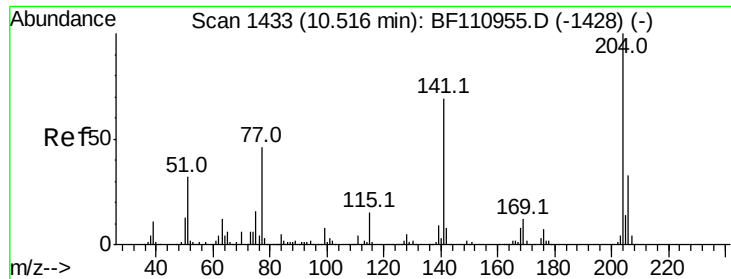
#60
Diethylphthalate
Concen: 38.988 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion:149 Resp: 426349
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.5 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

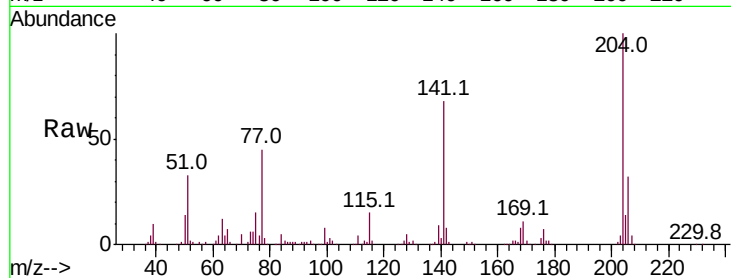




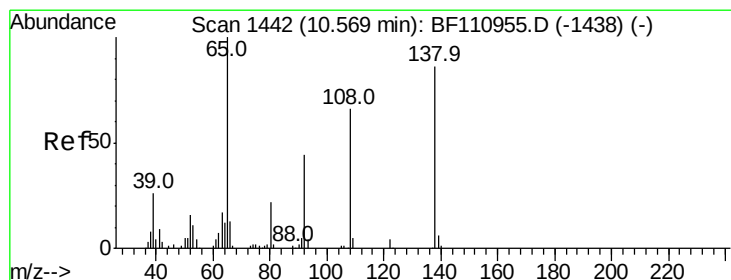
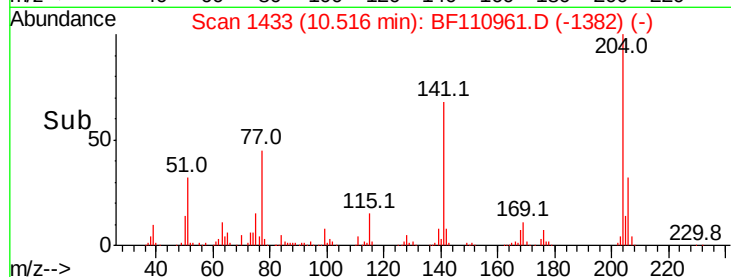
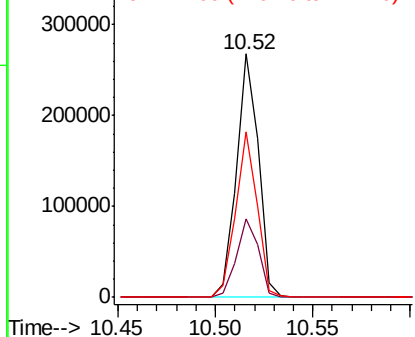
#61
4-Chlorophenyl-phenylether
Concen: 40.053 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	68.2	51.8	77.8

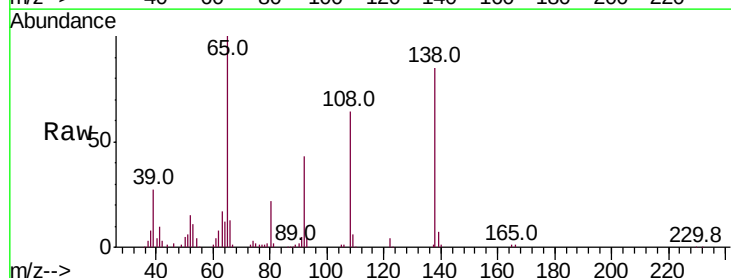


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

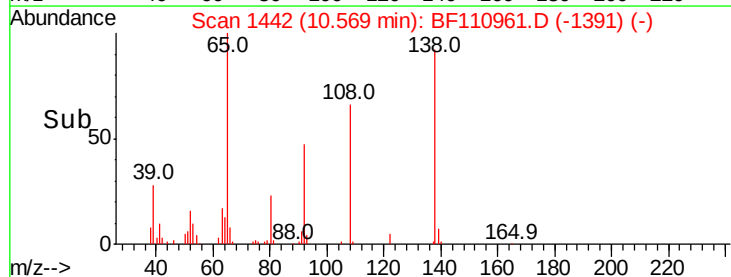
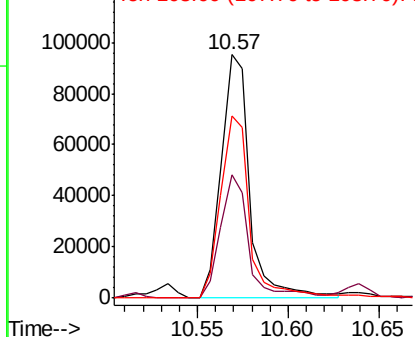


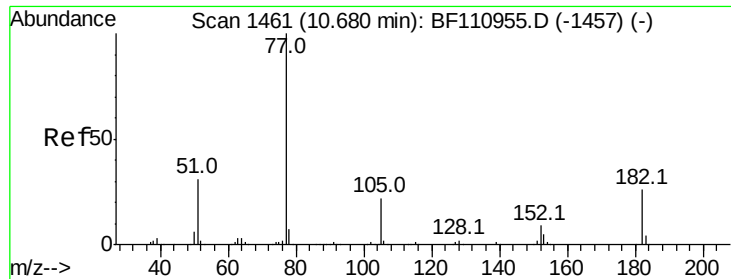
#62
4-Nitroaniline
Concen: 40.806 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	31.7	71.7
108	74.9	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

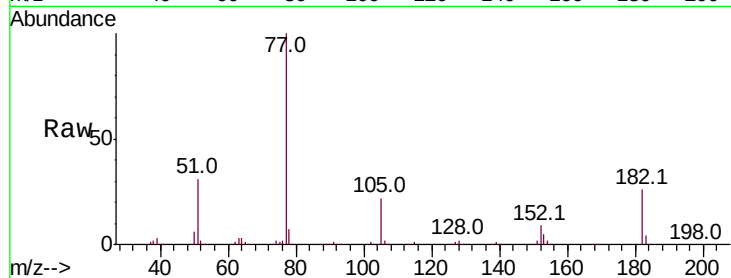




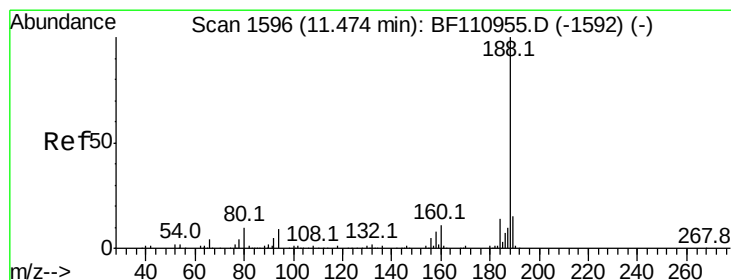
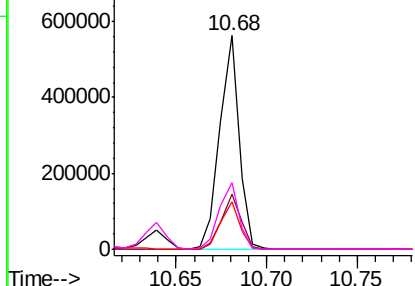
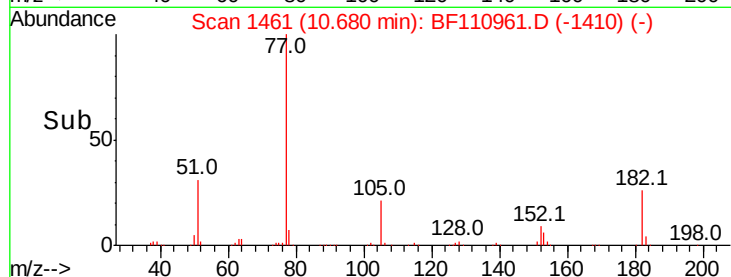
#63
Azobenzene
Concen: 39.332 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.7	4.3	44.3	
105	22.0	1.3	41.3	
51	31.3	9.0	49.0	

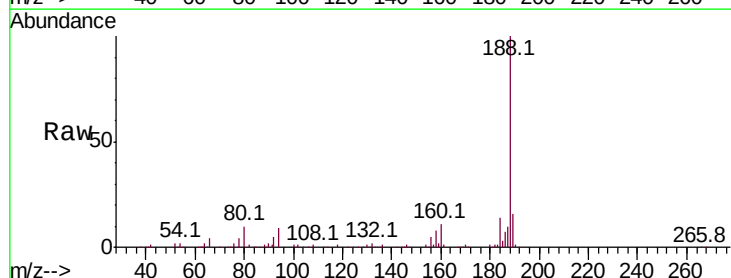


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

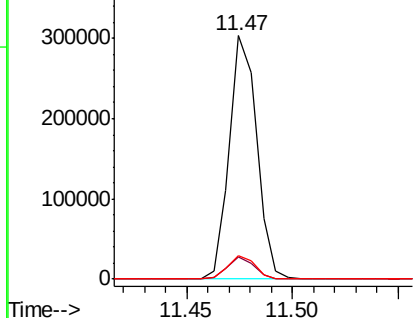
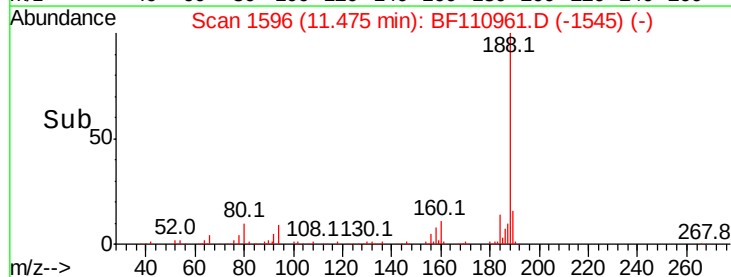


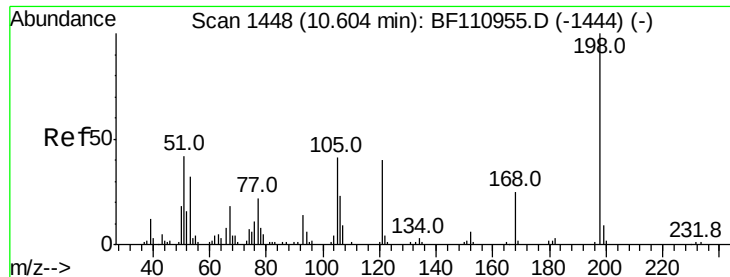
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	7.2	10.8	
80	9.8	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

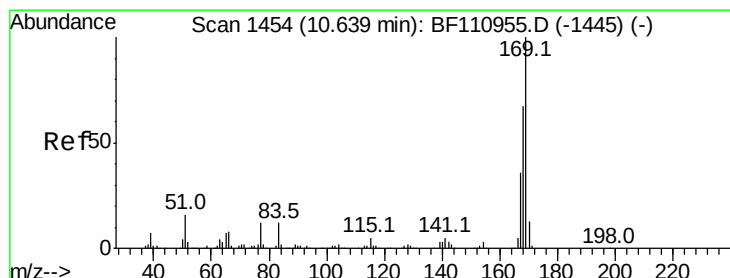
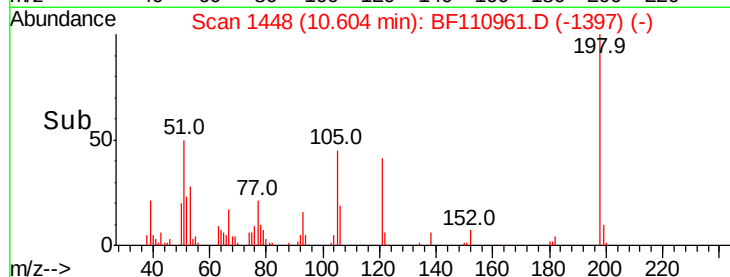
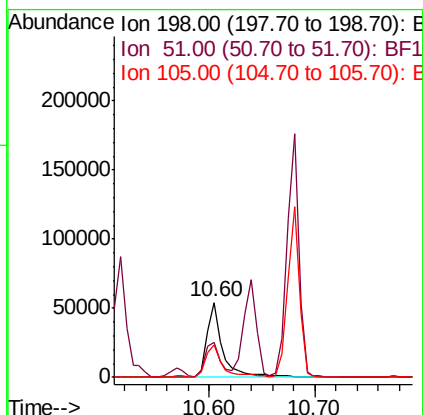
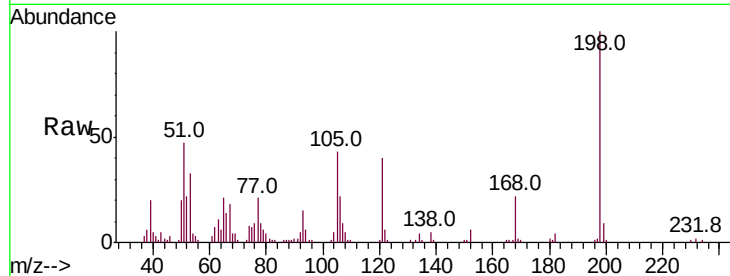




#65
4,6-Dinitro-2-methylphenol
Concen: 43.580 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

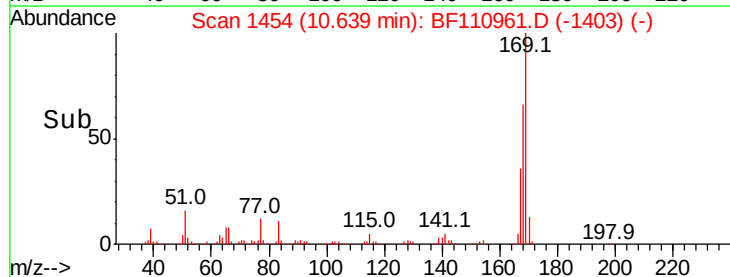
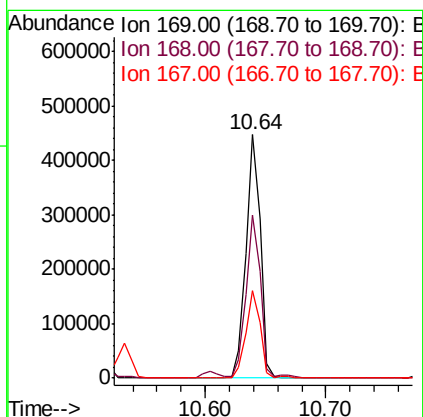
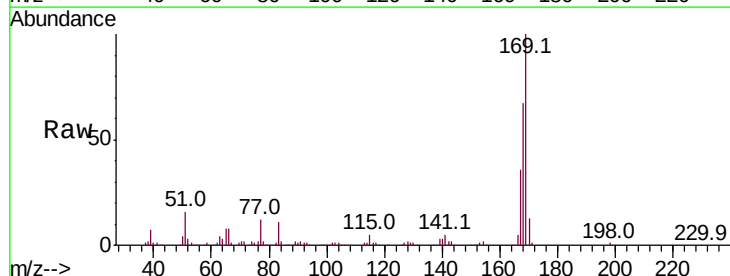
Instrument :
BNA_F
ClientSampled :

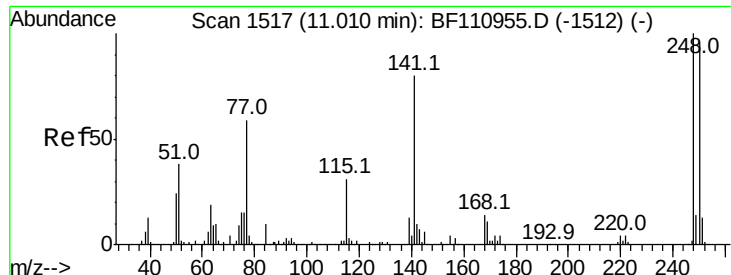
Tot Ion	Ratio	Lower	Upper
198	100		
51	46.9	22.8	62.8
105	42.7	23.6	63.6



#66
n-Nitrosodiphenylamine
Concen: 41.142 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	51.2	76.8
167	35.8	27.8	41.6

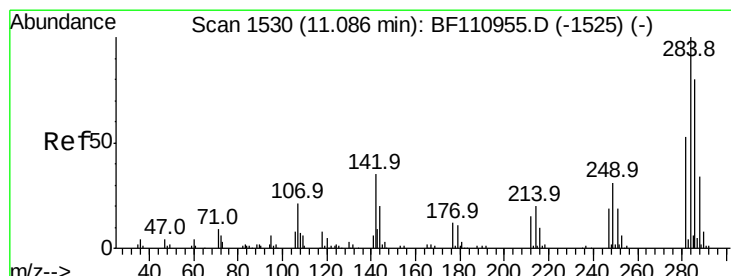
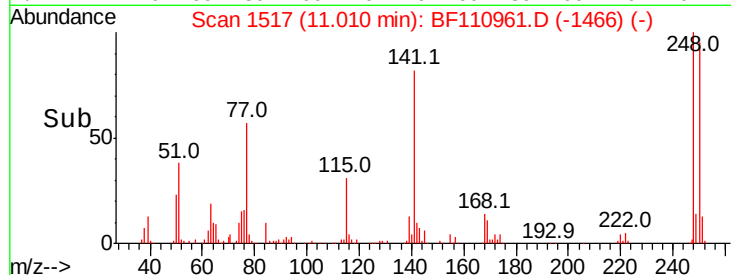
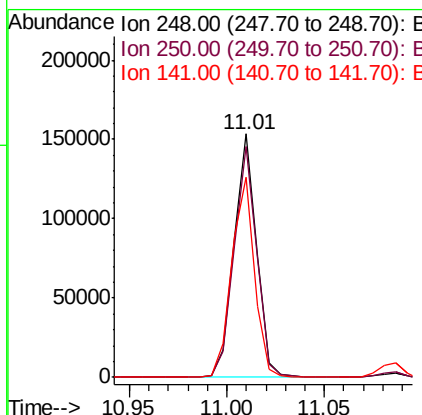
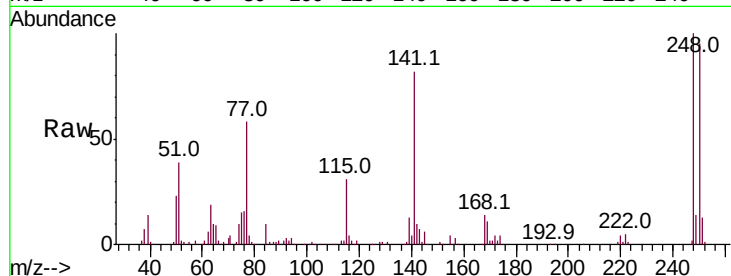




#67
 4-Bromophenyl-phenylether
 Concen: 41.386 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

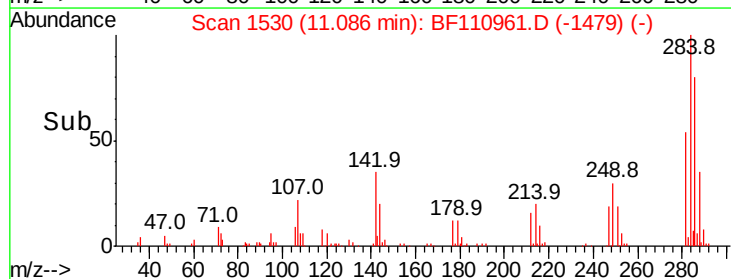
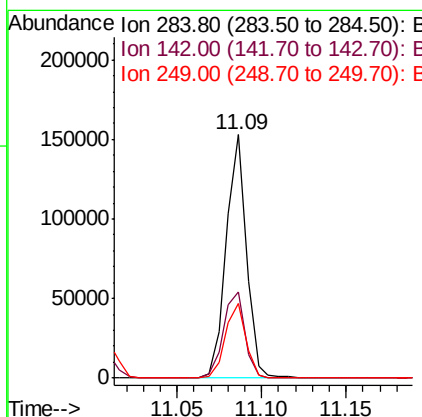
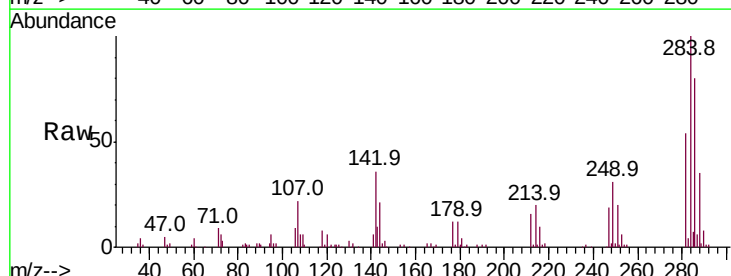
Instrument :
 BNA_F
 ClientSampleId :

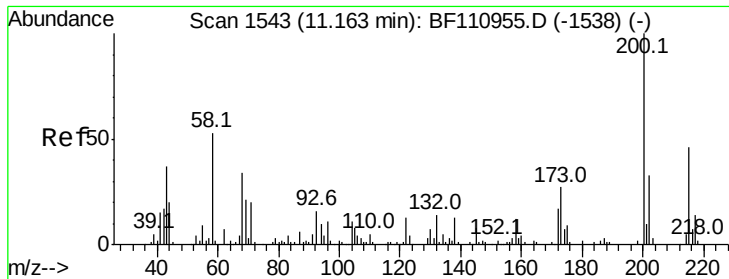
Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	79.4	119.2
141	82.1	55.9	83.9



#68
 Hexachlorobenzene
 Concen: 40.261 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	23.9	35.9
249	30.8	24.2	36.2

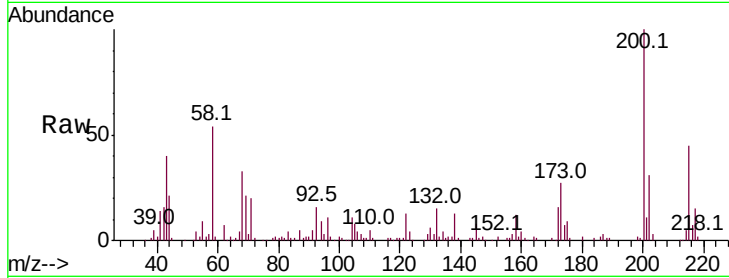




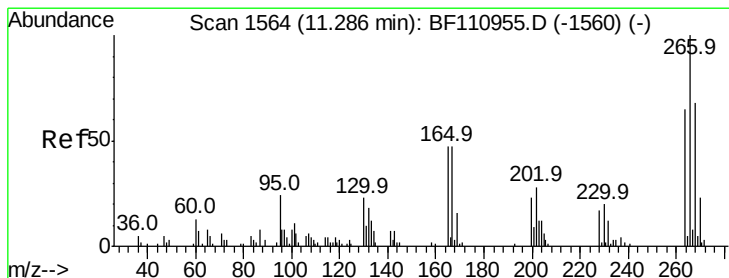
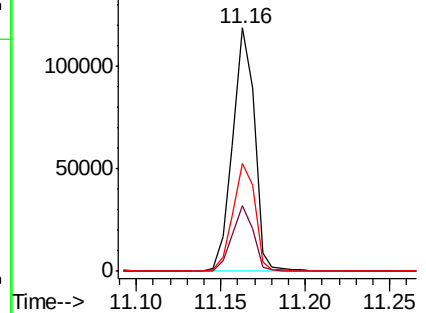
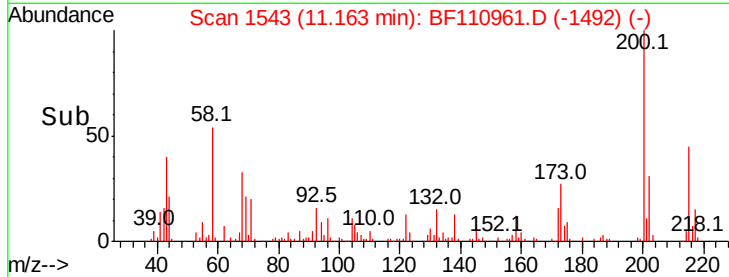
#69
 Atrazine
 Concen: 43.789 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 106754
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.6 46.6
 215 44.5 26.3 66.3

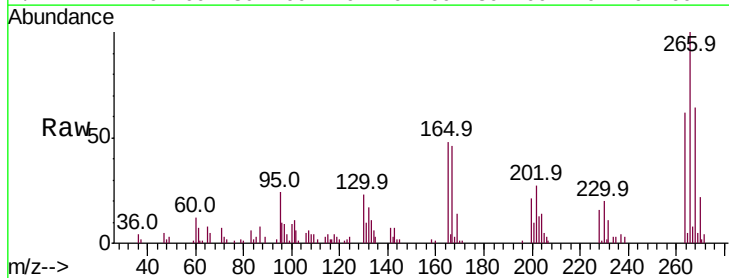


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

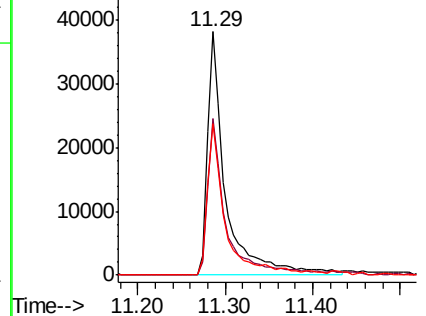
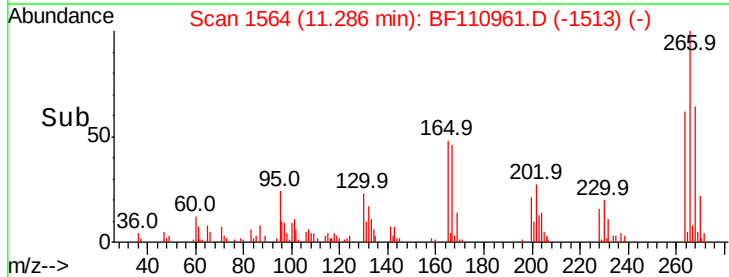


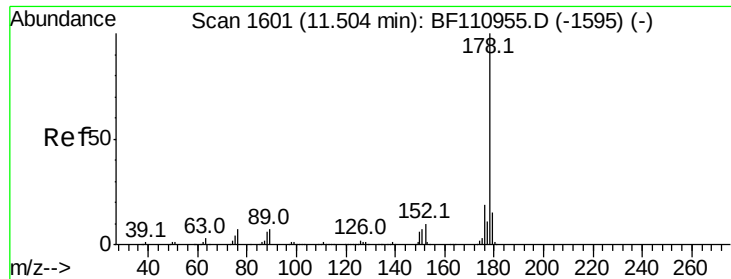
#70
 Pentachlorophenol
 Concen: 43.871 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:266 Resp: 55157
 Ion Ratio Lower Upper
 266 100
 268 64.2 50.6 75.8
 264 62.0 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: 40.123 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampled :

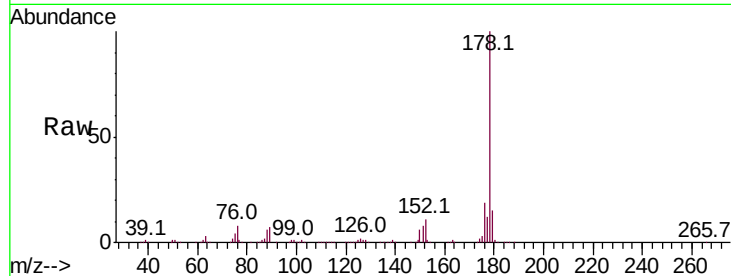
Tot Ion:178 Resp: 578892

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

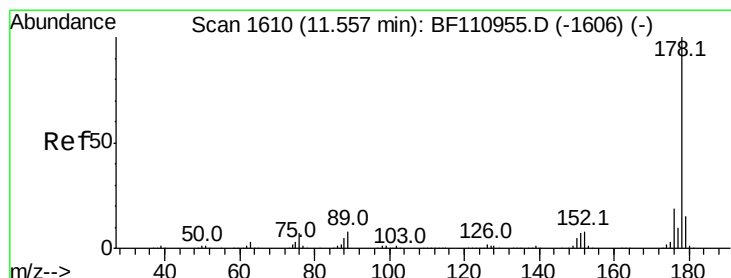
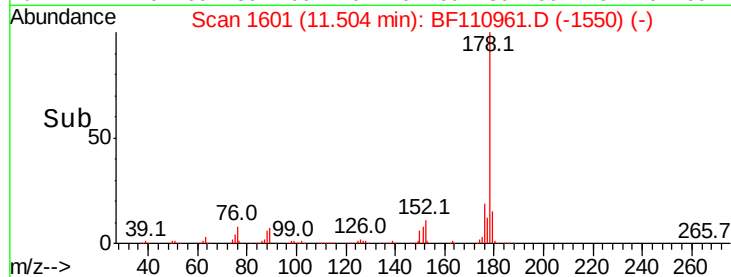
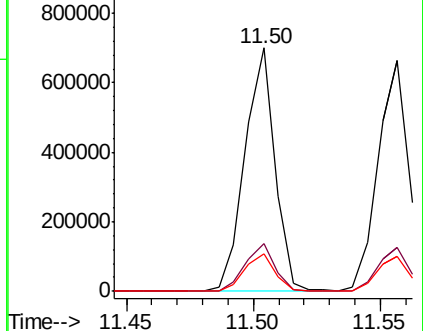
179 15.3 12.5 18.7



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: 40.105 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

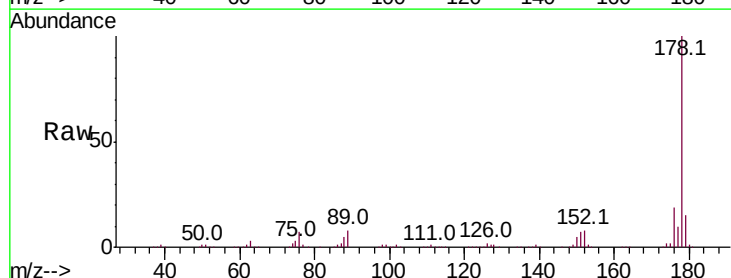
Tgt Ion:178 Resp: 589273

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

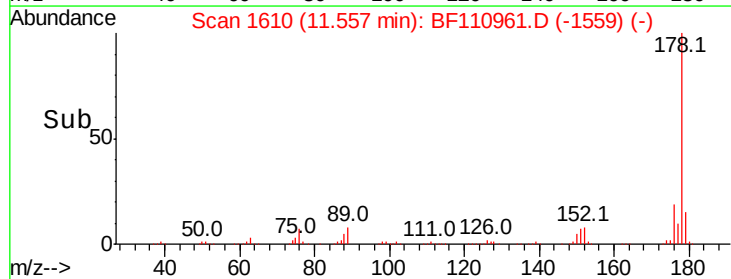
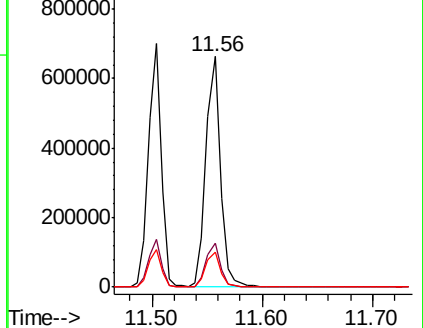
179 15.4 12.6 18.8

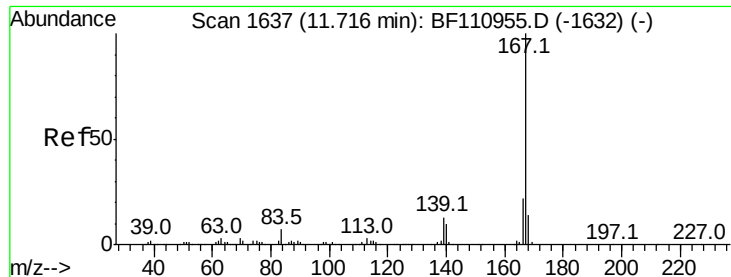


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

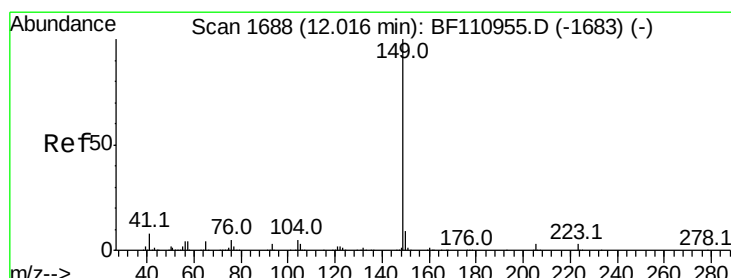
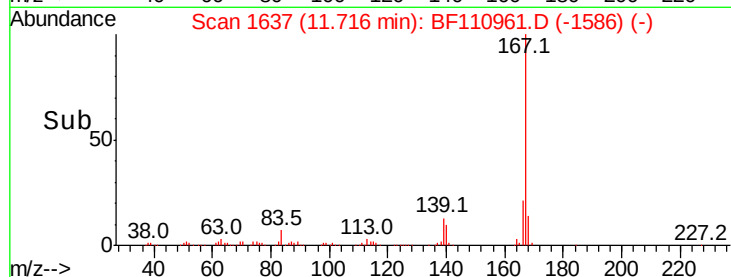
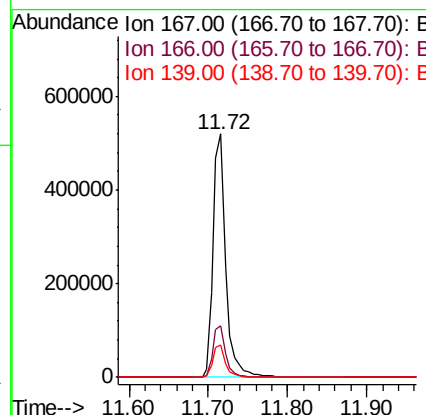
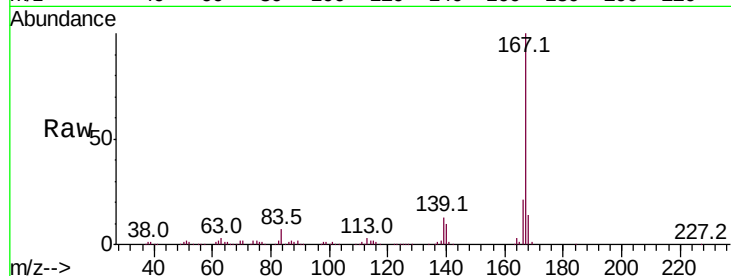




#73
 Carbazole
 Concen: 40.529 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

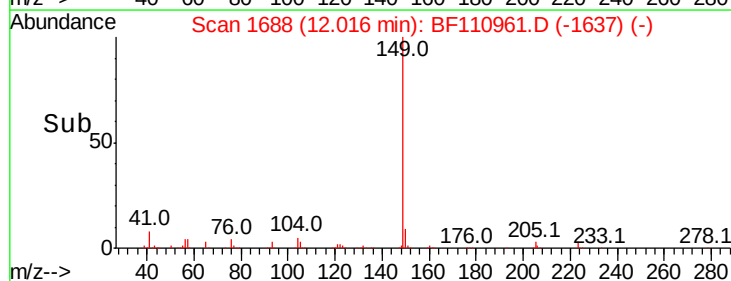
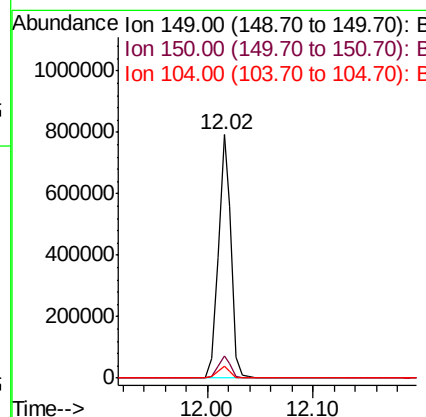
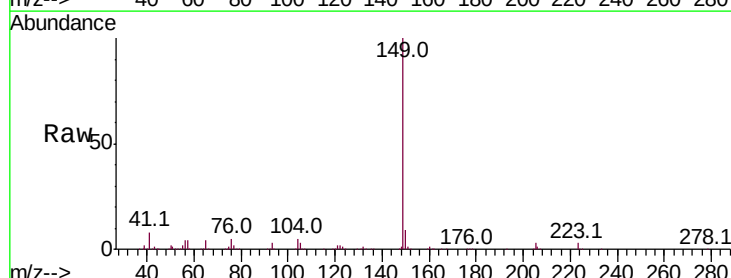
Instrument :
 BNA_F
 ClientSampleId :

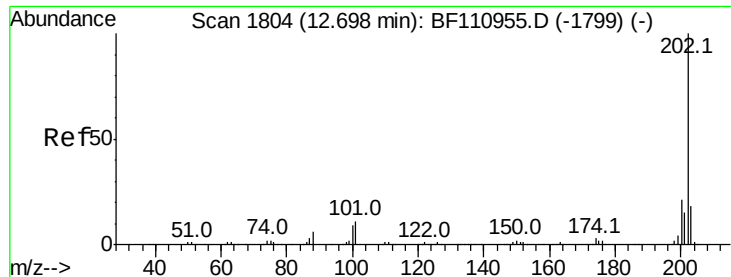
Tot Ion:167 Resp: 578003
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 13.3 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 40.221 ng
 RT: 12.02 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:149 Resp: 670673
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.0 4.2 6.4

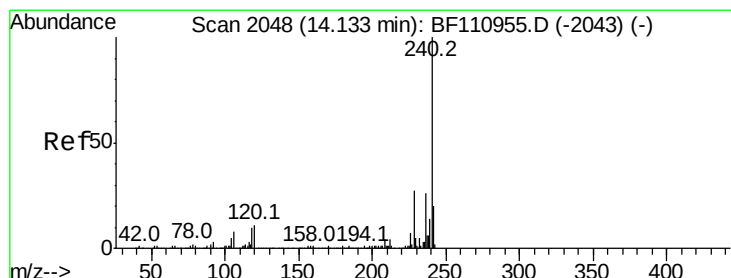
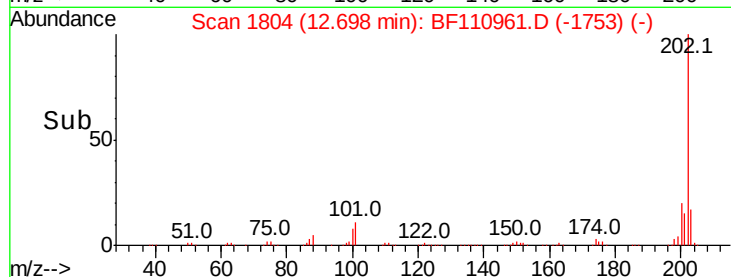
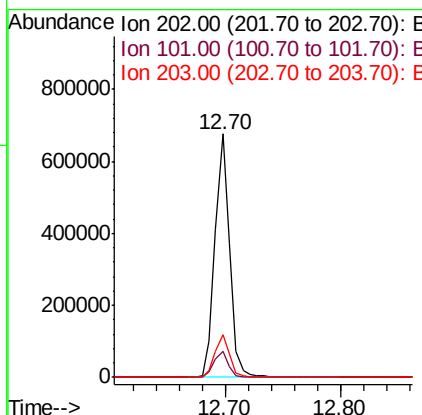
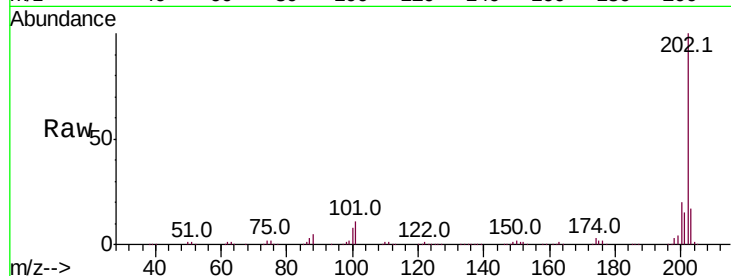




#75
Fluoranthene
 Concen: 39.977 ng
 RT: 12.70 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

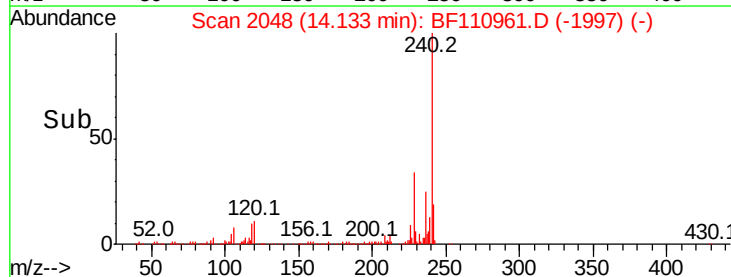
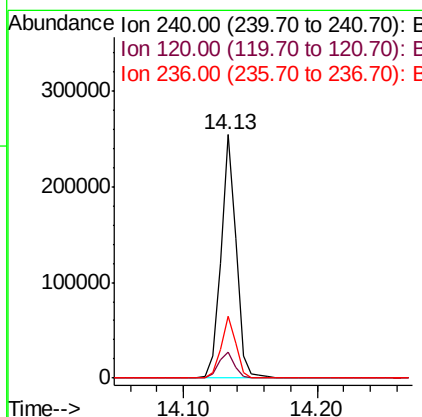
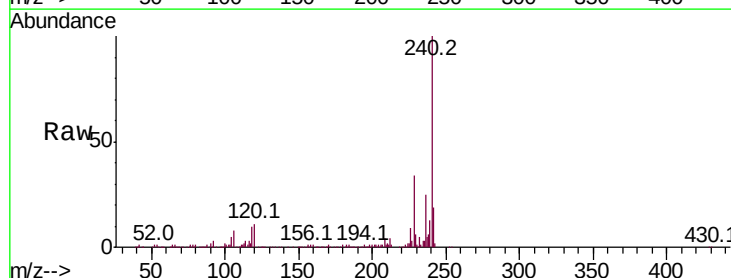
Instrument :
 BNA_F
 ClientSampleId :

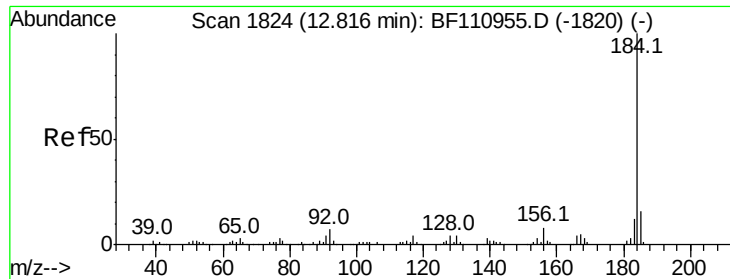
Tot Ion:202 Resp: 592816
 Ion Ratio Lower Upper
 202 100
 101 10.8 0.0 31.4
 203 17.3 0.0 37.7



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BF110961.D
 Acq: 26 Nov 2018 14:00

Tgt Ion:240 Resp: 204834
 Ion Ratio Lower Upper
 240 100
 120 10.6 8.3 12.5
 236 25.3 21.2 31.8





#77

Benzidine

Concen: 42.581 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampled :

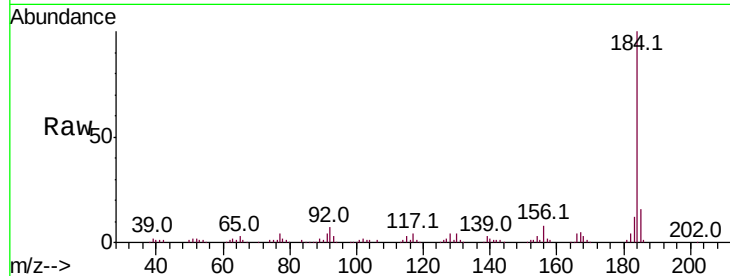
Tot Ion:184 Resp: 223094

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.2

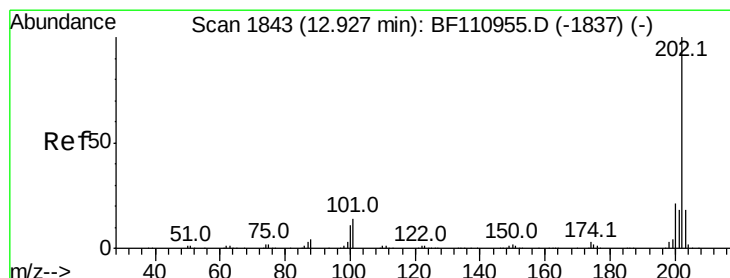
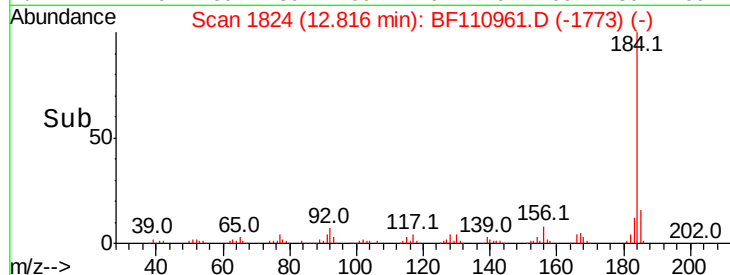
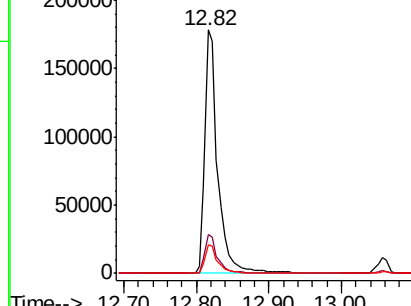
183 11.8 9.4 14.2



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: 40.686 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

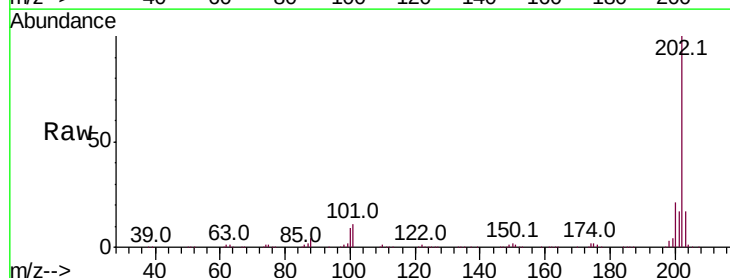
Tgt Ion:202 Resp: 608689

Ion Ratio Lower Upper

202 100

200 20.8 17.8 26.6

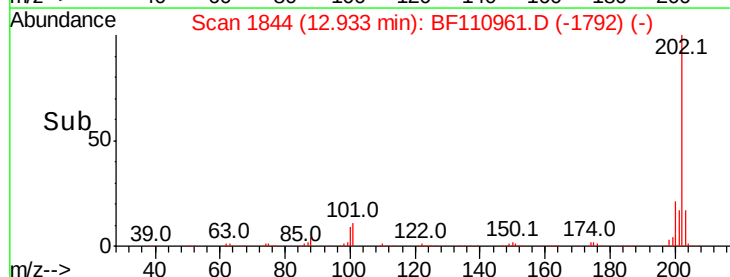
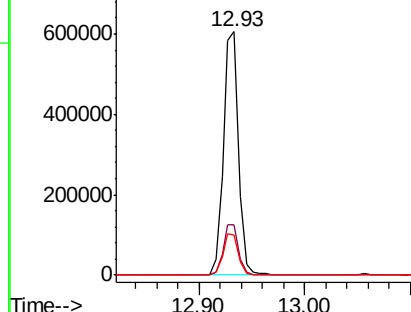
203 16.7 14.2 21.4

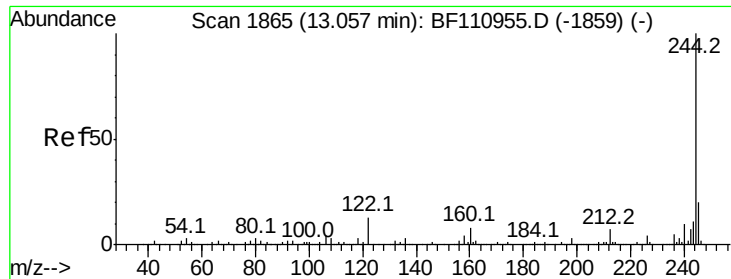


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.256 ng

RT: 13.06 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

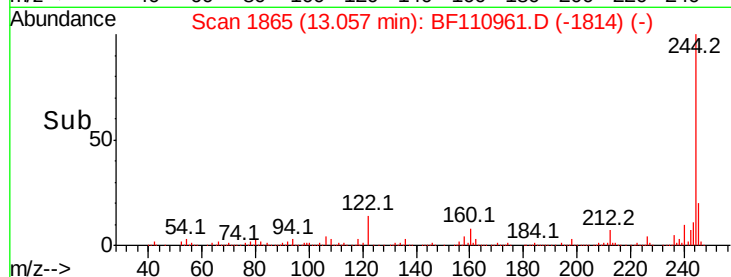
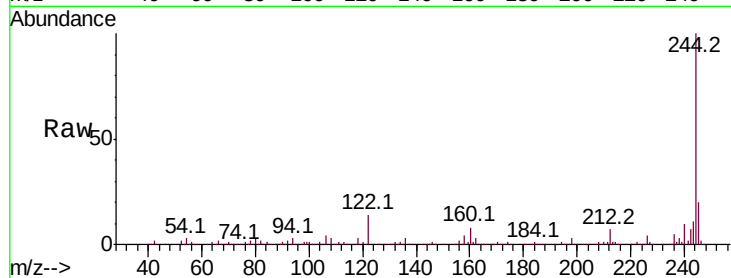
Tot Ion:244 Resp: 833967

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

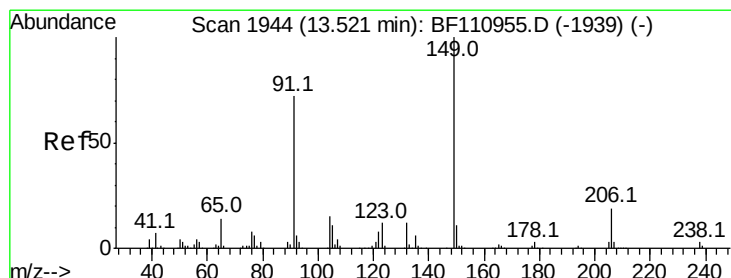
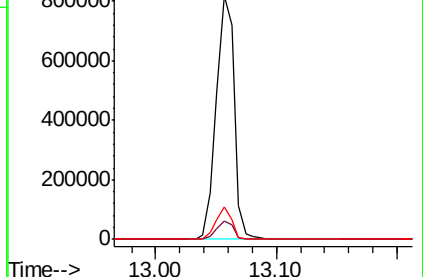
122 13.6 8.7 13.1#



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: 40.622 ng

RT: 13.52 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

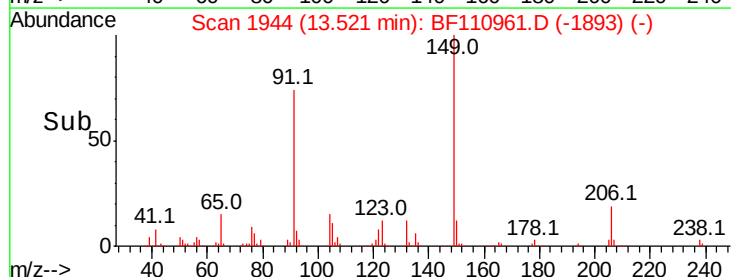
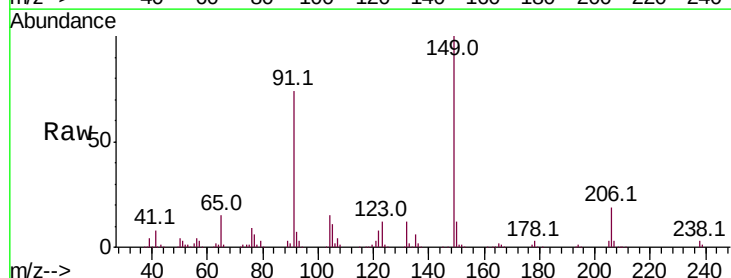
Tgt Ion:149 Resp: 274375

Ion Ratio Lower Upper

149 100

91 74.2 57.2 85.8

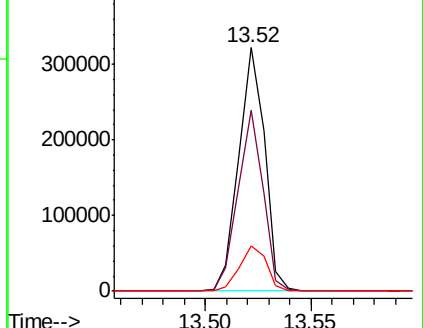
206 18.5 15.7 23.5

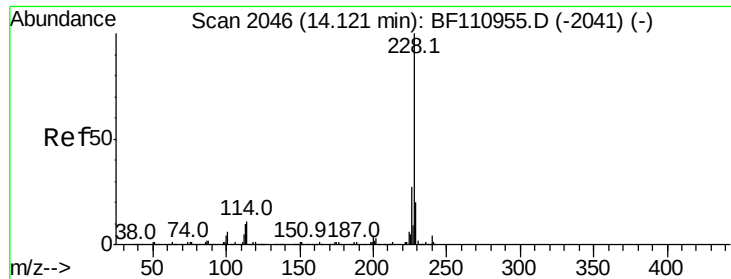


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.536 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

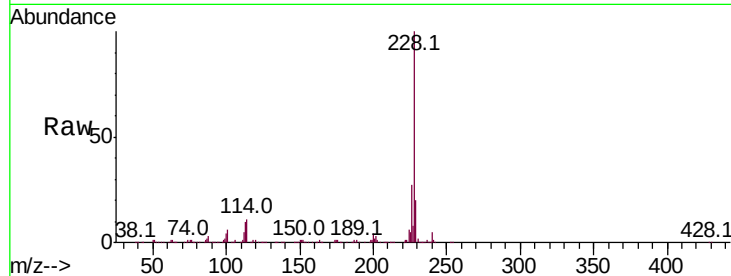
Tot Ion:228 Resp: 490211

Ion Ratio Lower Upper

228 100

226 26.6 22.1 33.1

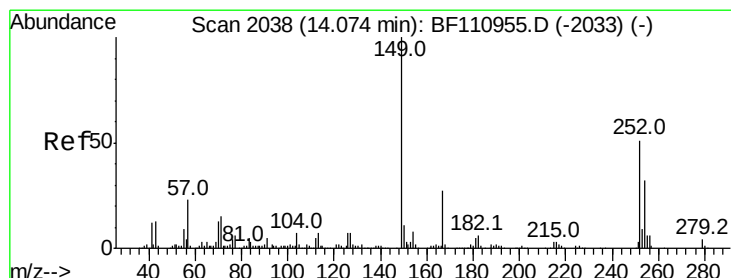
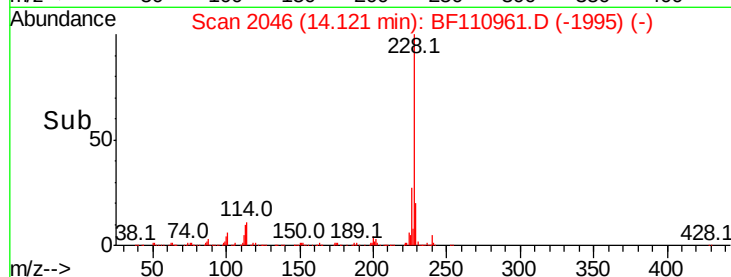
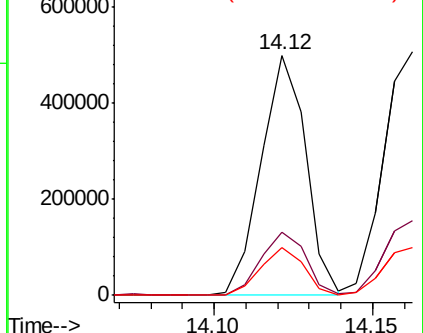
229 19.8 15.6 23.4



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: 40.735 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

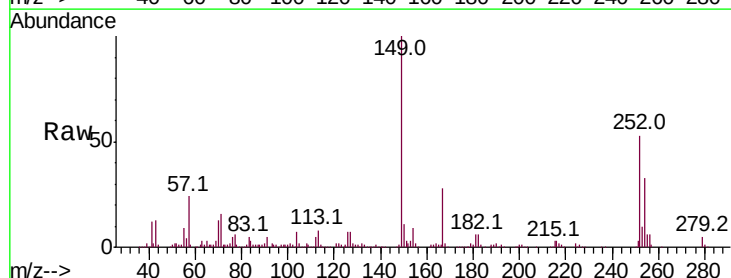
Tgt Ion:252 Resp: 168911

Ion Ratio Lower Upper

252 100

254 62.7 51.3 76.9

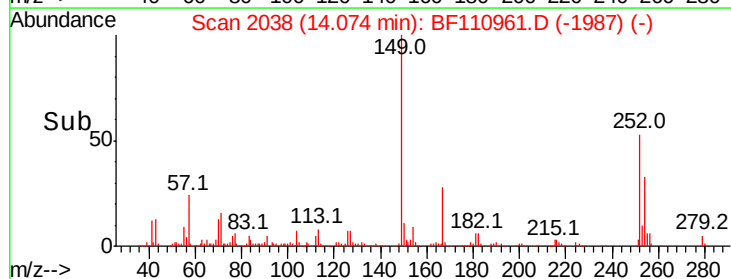
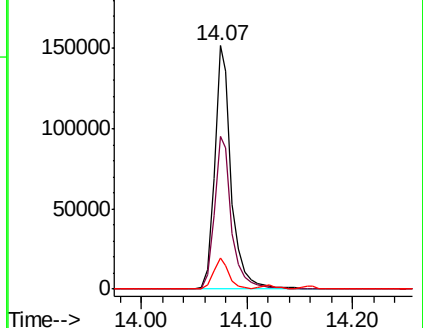
126 12.5 9.4 14.2

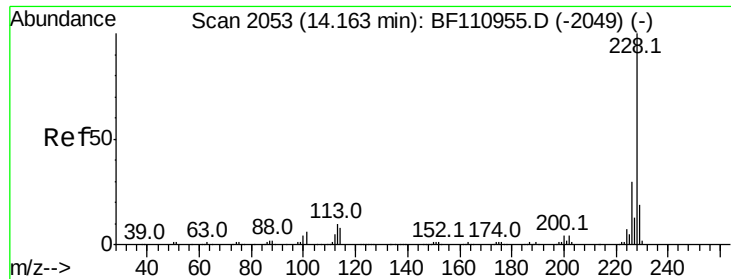


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.485 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

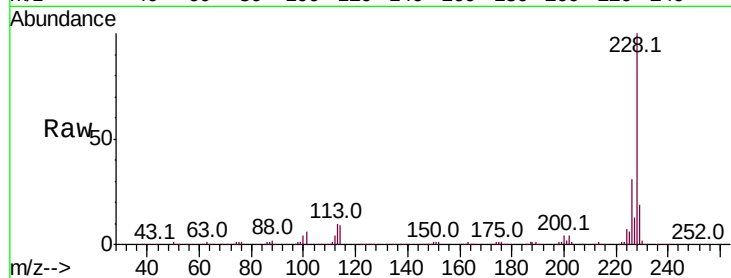
Tot Ion:228 Resp: 470055

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

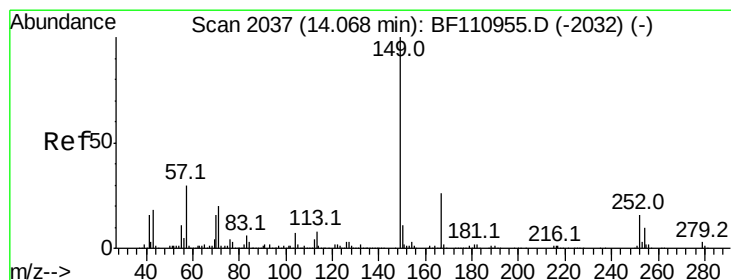
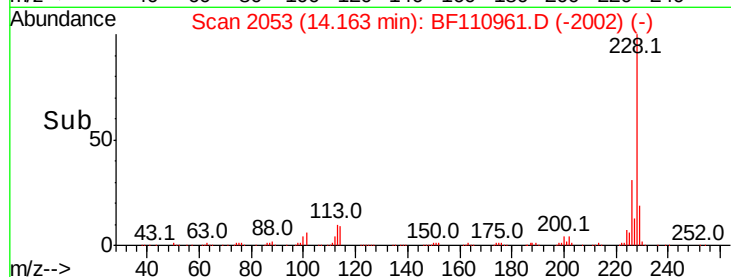
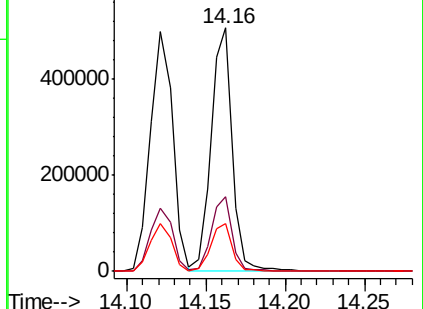
229 19.5 15.9 23.9



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: 41.364 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

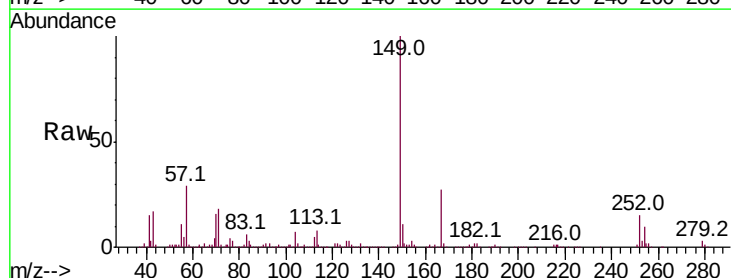
Tgt Ion:149 Resp: 372282

Ion Ratio Lower Upper

149 100

167 26.7 19.8 29.8

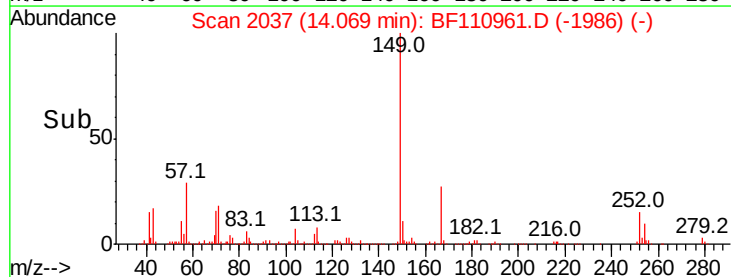
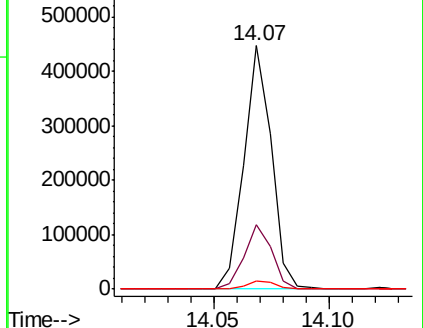
279 3.4 2.7 4.1

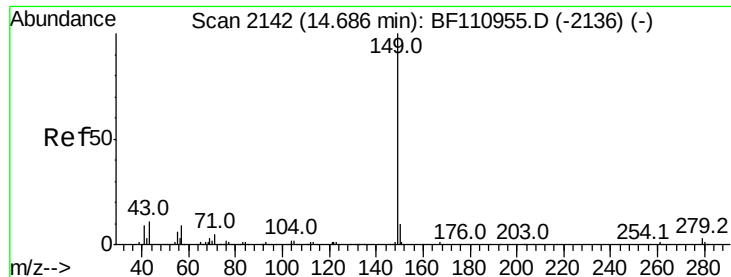


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.939 ng

RT: 14.69 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

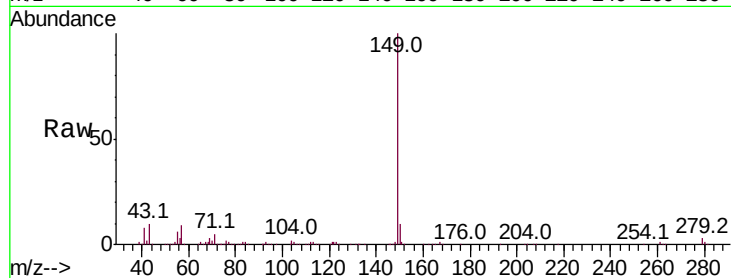
Tot Ion:149 Resp: 581615

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

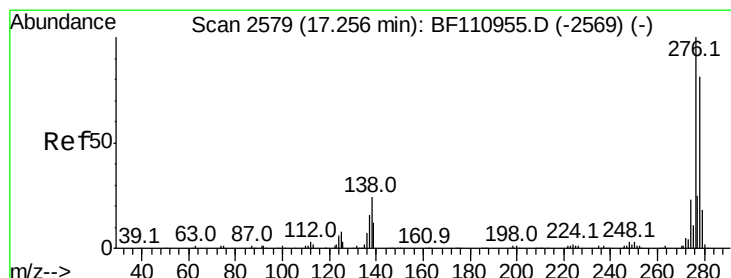
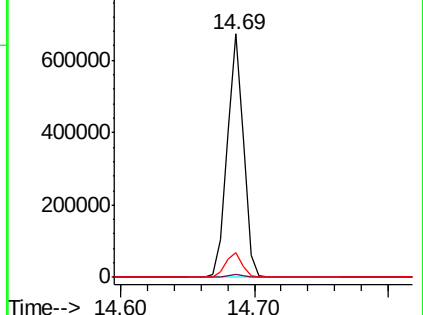
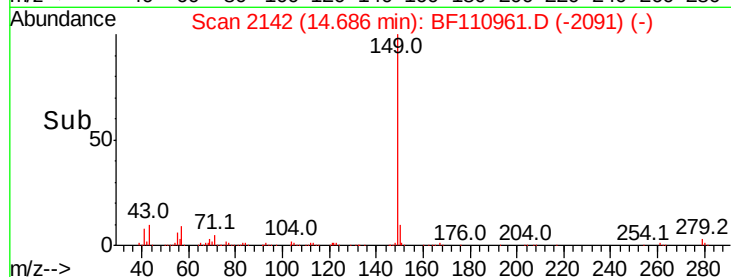
43 10.6 7.8 11.8



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: 38.798 ng

RT: 17.25 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

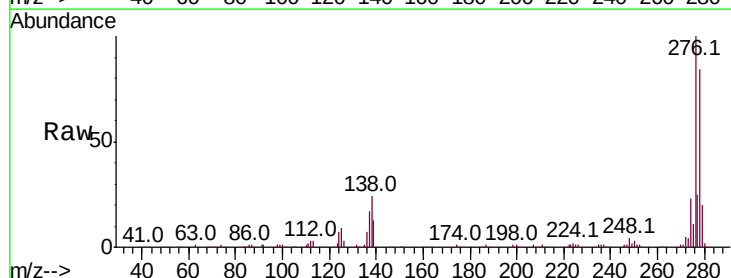
Tgt Ion:276 Resp: 331536

Ion Ratio Lower Upper

276 100

138 23.9 18.5 27.7

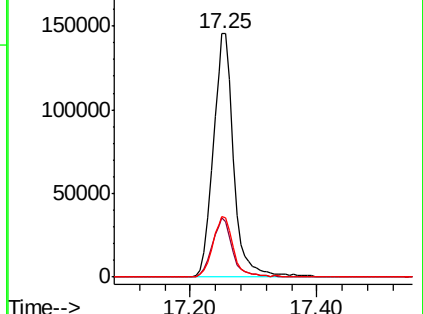
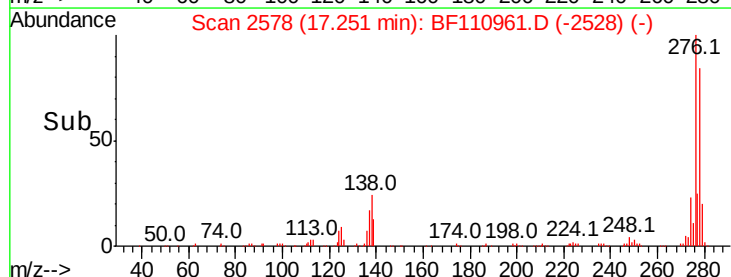
277 25.0 20.0 30.0

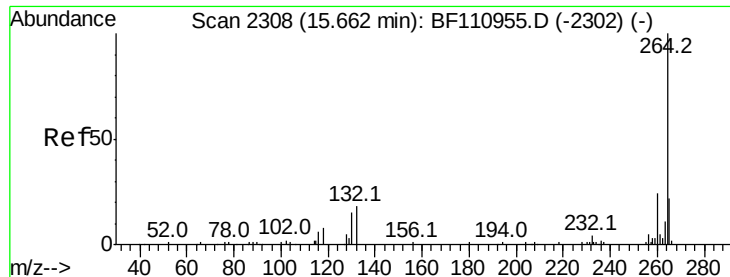


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

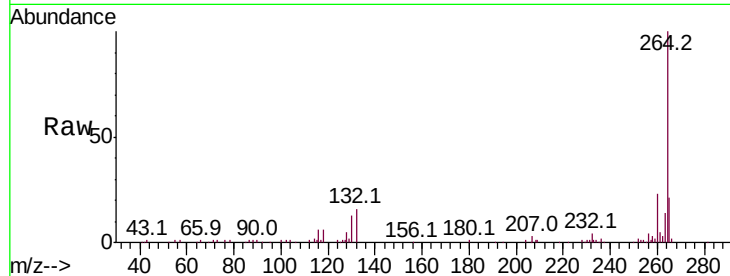




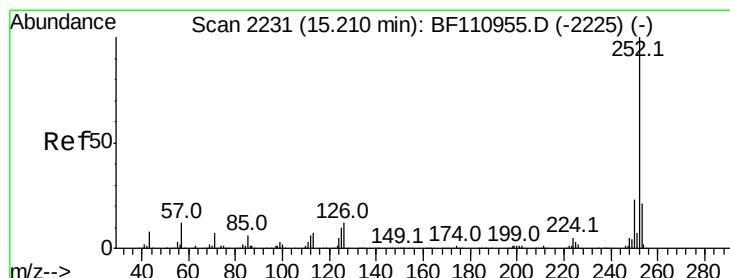
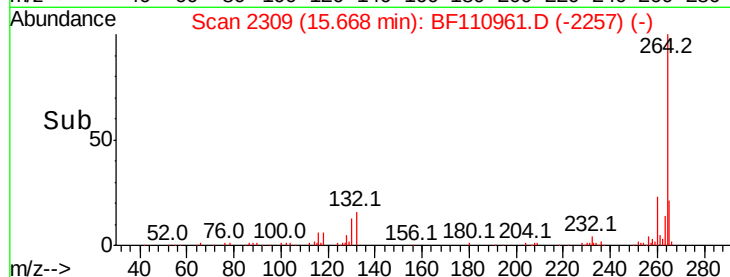
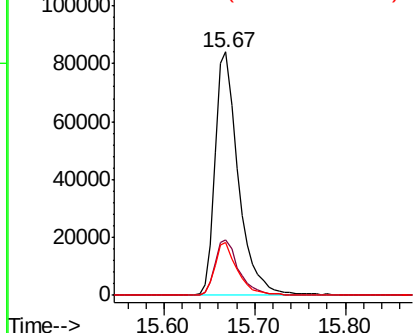
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 149432
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 21.5 16.7 25.1

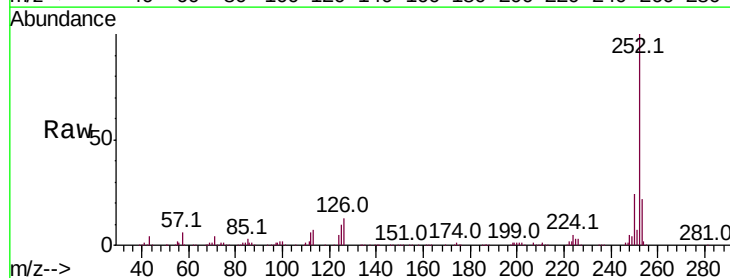


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

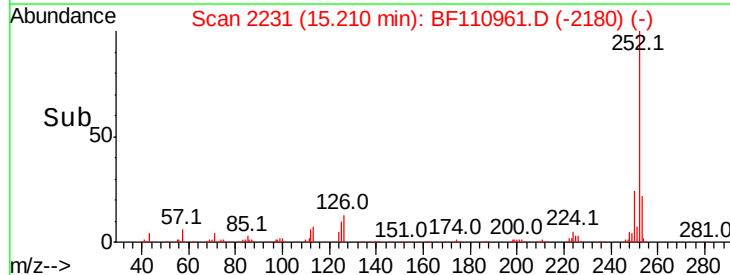
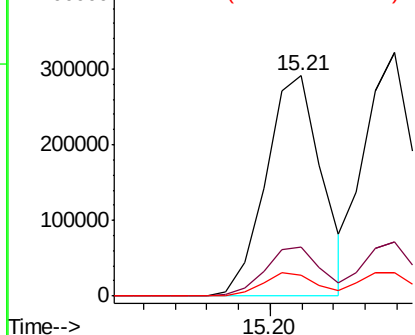


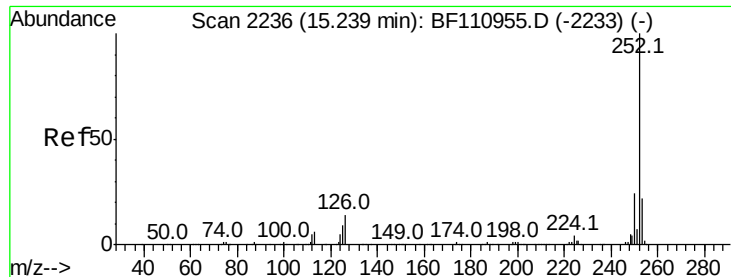
#88
Benzo(b)fluoranthene
Concen: 40.515 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF110961.D
Acq: 26 Nov 2018 14:00

Tgt Ion:252 Resp: 355661
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 9.6 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: 41.207 ng

RT: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Instrument :

BNA_F

ClientSampleId :

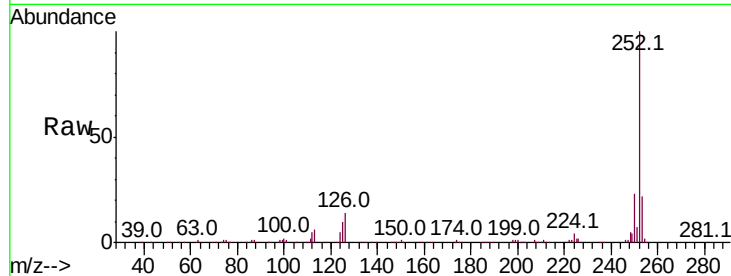
Tot Ion:252 Resp: 372328

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

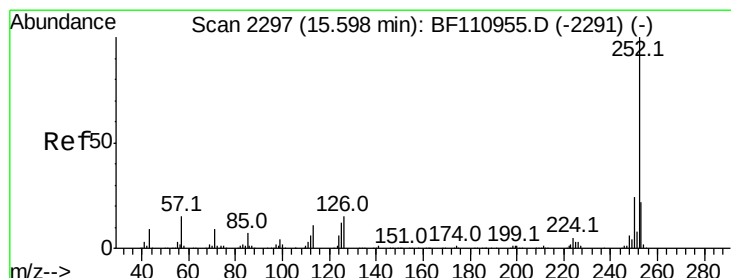
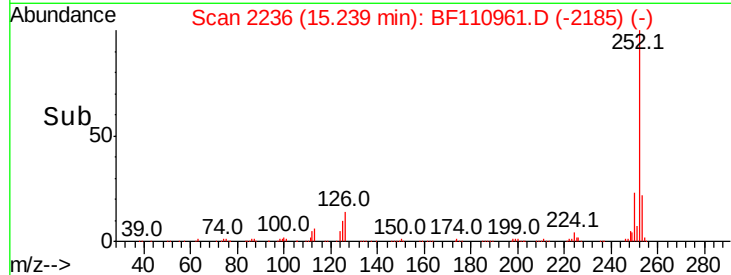
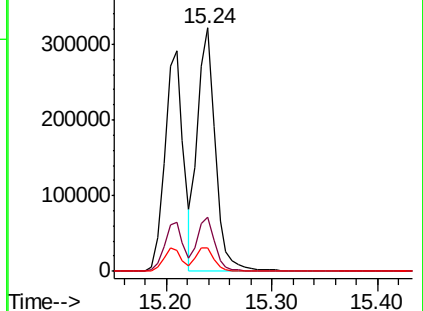
125 9.9 7.4 11.0



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



#90

Benzo(a)pyrene

Concen: 40.208 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

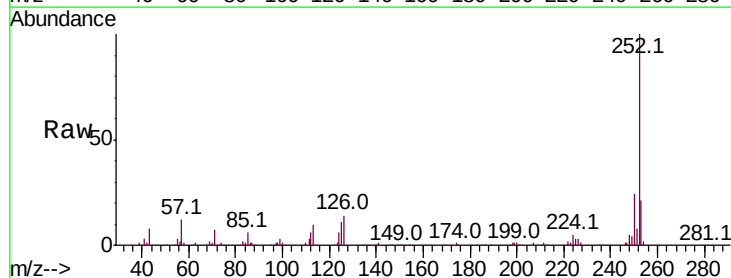
Tgt Ion:252 Resp: 328552

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.4

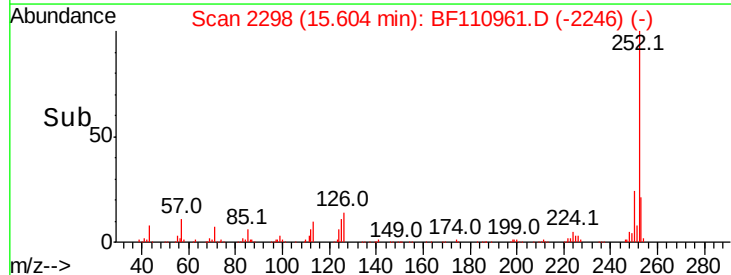
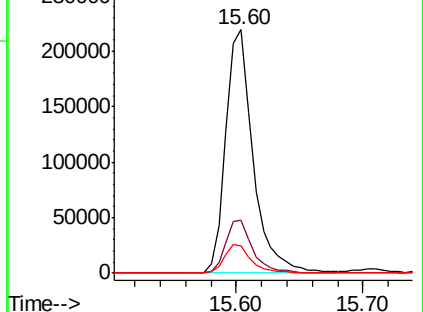
125 11.3 9.0 13.6

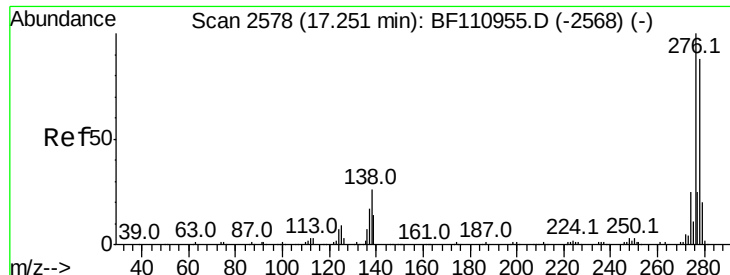


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.655 ng

RT: 17.25 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

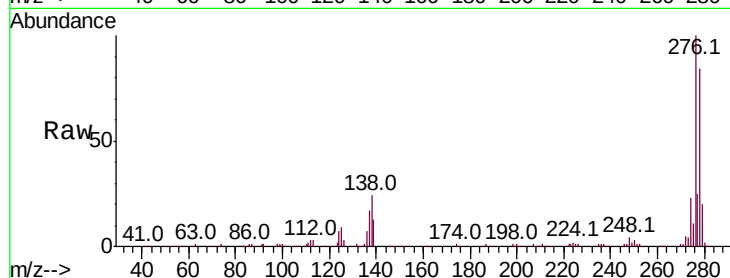
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 274097

Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	23.5	19.0	28.4

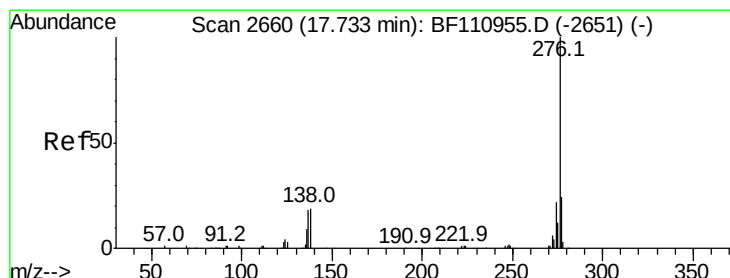
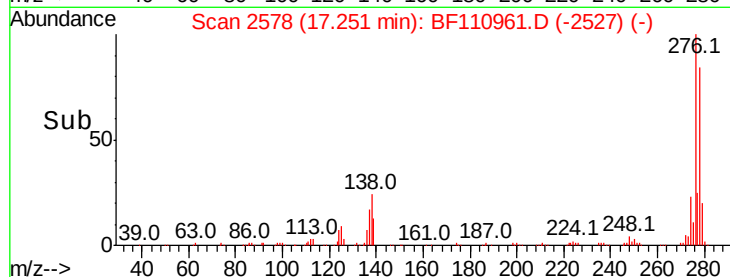
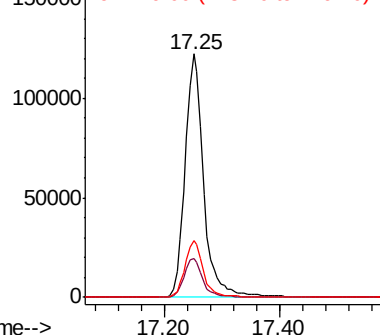


Abundance

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: 41.827 ng

RT: 17.74 min Scan# 2661

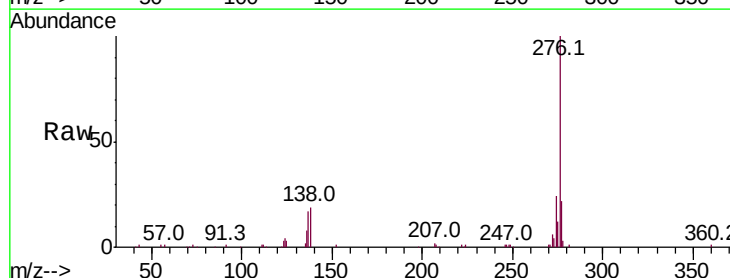
Delta R.T. 0.01 min

Lab File: BF110961.D

Acq: 26 Nov 2018 14:00

Tgt Ion:276 Resp: 271903

Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.8	28.2
138	19.0	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

