

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110848.D
 Acq On : 19 Nov 2018 13:04
 Operator : JU/SJ
 Sample : J5977-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 19 15:28:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	59739	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	250081	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	117390	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	203043	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	125408	20.00	ng	0.00
87) Perylene-d12	15.66	264	121618	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	352131	95.75	ng	0.00
7) Phenol-d6	6.57	99	441744	93.93	ng	0.00
23) Nitrobenzene-d5	7.50	82	280732	64.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	106530	90.06	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	467676	56.90	ng	-0.01
79) Terphenyl-d14	13.06	244	339367	50.68	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.79	88	36173	19.740	ng	88
3) Pyridine	3.59	79	100944	25.520	ng	88
4) n-Nitrosodimethylamine	3.53	42	52944	31.195	ng	86
6) Aniline	6.60	93	128742	20.991	ng	# 57
8) 2-Chlorophenol	6.73	128	121728	28.234	ng	98
9) Benzaldehyde	6.50	77	61416	21.414	ng	99
10) Phenol	6.58	94	175952	32.265	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	108740	26.607	ng	96
12) 1,3-Dichlorobenzene	6.88	146	123091	26.093	ng	97
13) 1,4-Dichlorobenzene	6.96	146	127494	26.615	ng	99
14) 1,2-Dichlorobenzene	7.11	146	121787	27.329	ng	99
15) Benzyl Alcohol	7.08	79	105618	28.697	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.20	45	171964	26.794	ng	76
17) 2-Methylphenol	7.19	107	98253	28.634	ng	# 82
18) Hexachloroethane	7.45	117	46442	26.261	ng	93
19) n-Nitroso-di-n-propylamine	7.35	70	82586	27.510	ng	# 94
20) 3+4-Methylphenols	7.19	107	98253	22.306	ng	78
22) Acetophenone	7.35	105	169364	29.059	ng	# 93
24) Nitrobenzene	7.52	77	125709	28.255	ng	95
25) Isophorone	7.76	82	222255	31.227	ng	97
26) 2-Nitrophenol	7.84	139	63560	28.636	ng	98
27) 2,4-Dimethylphenol	7.87	122	110883	32.803	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	141788	29.423	ng	98
29) 2,4-Dichlorophenol	8.09	162	102670	29.518	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	108552	27.681	ng	97
31) Naphthalene	8.25	128	435004	37.053	ng	99
32) Benzoic acid	7.96	122	10877	4.548	ng	# 87
33) 4-Chloroaniline	8.30	127	95985	18.050	ng	99
34) Hexachlorobutadiene	8.35	225	59325	26.485	ng	99
35) Caprolactam	8.66	113	30480	26.229	ng	# 84
36) 4-Chloro-3-methylphenol	8.77	107	110015	29.328	ng	97
37) 2-Methylnaphthalene	8.93	142	261841	34.023	ng	98
38) 1-Methylnaphthalene	8.93	142	261841	35.377	ng	94
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	104498	28.122	ng	97

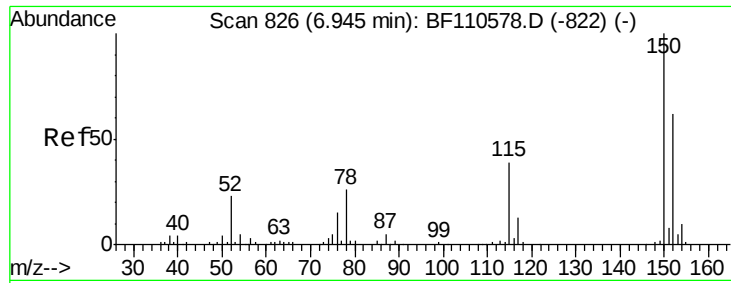
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110848.D
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	7890	12.551	nq	98
43) 2,4,6-Trichlorophenol	9.22	196	68090	29.160	nq	93
44) 2,4,5-Trichlorophenol	9.27	196	73409	29.472	nq	93
46) 1,1'-Biphenyl	9.40	154	301621	27.543	nq	99
47) 2-Chloronaphthalene	9.43	162	221926	28.130	nq	99
48) 2-Nitroaniline	9.53	65	73258	30.133	nq	91
49) Acenaphthylene	9.85	152	362237	31.882	nq	99
50) Dimethylphthalate	9.69	163	325306	37.138	nq	99
51) 2,6-Dinitrotoluene	9.77	165	56098	29.113	nq	95
52) Acenaphthene	10.02	154	240384	33.479	nq	98
53) 3-Nitroaniline	9.95	138	51842	23.223	nq	90
54) 2,4-Dinitrophenol	10.07	184	5545	11.501	nq	88
55) Dibenzofuran	10.19	168	328638	31.284	nq	99
56) 4-Nitrophenol	10.11	139	76397	51.584	nq	99
57) 2,4-Dinitrotoluene	10.18	165	73073	29.167	nq	99
58) Fluorene	10.53	166	288467	35.750	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.31	232	57509	29.350	nq	# 90
60) Diethylphthalate	10.39	149	258667	29.849	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	115452	27.634	nq	96
62) 4-Nitroaniline	10.56	138	57100	25.401	nq	99
63) Azobenzene	10.68	77	235888	27.900	nq	93
65) 4,6-Dinitro-2-methylphenol	10.60	198	8088	7.904	nq	75
66) n-Nitrosodiphenylamine	10.64	169	213318	31.169	nq	96
67) 4-Bromophenyl-phenylether	11.01	248	65061	28.993	nq	# 90
68) Hexachlorobenzene	11.09	284	66558	28.132	nq	97
69) Atrazine	11.16	200	65358	31.233	nq	97
70) Pentachlorophenol	11.29	266	57514	45.558	nq	97
71) Phenanthrene	11.50	178	754962	69.403	nq	100
72) Anthracene	11.56	178	470173	42.847	nq	99
73) Carbazole	11.71	167	311035	29.515	nq	99
74) Di-n-butylphthalate	12.02	149	384816	31.139	nq	97
75) Fluoranthene	12.70	202	860915	78.940	nq	99
77) Benzidine	12.82	184	69124	20.043	nq	97
78) Pyrene	12.93	202	803271	83.188	nq	99
80) Butylbenzylphthalate	13.52	149	124355	29.921	nq	95
81) Benzo(a)anthracene	14.12	228	509707	67.999	nq	98
82) 3,3'-Dichlorobenzidine	14.07	252	60066	23.921	nq	# 99
83) Chrysene	14.16	228	462065	64.704	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	168115	32.607	nq	99
85) Di-n-octyl phthalate	14.69	149	279112	36.814	nq	# 97
86) Indeno(1,2,3-cd)pyrene	17.25	276	318614	62.175	nq	100
88) Benzo(b)fluoranthene	15.21	252	556393	76.474	nq	99
89) Benzo(k)fluoranthene	15.24	252	308317	42.887	nq	98
90) Benzo(a)pyrene	15.60	252	453839	68.655	nq	99
91) Dibenzo(a,h)anthracene	17.25	278	195275	34.908	nq	99
92) Benzo(g,h,i)perylene	17.73	276	276165	49.757	nq	99

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

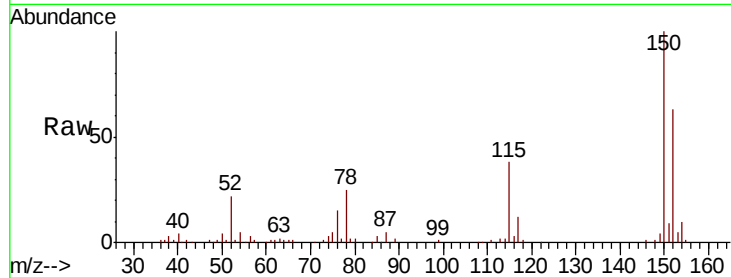


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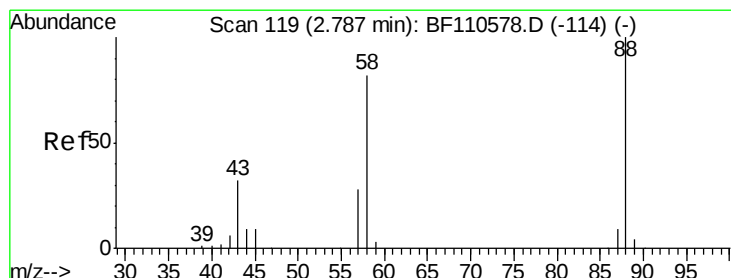
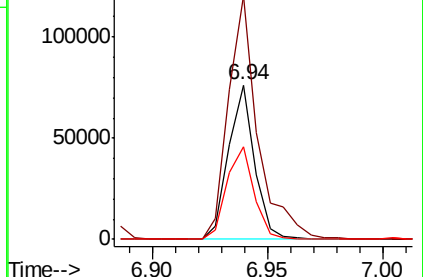
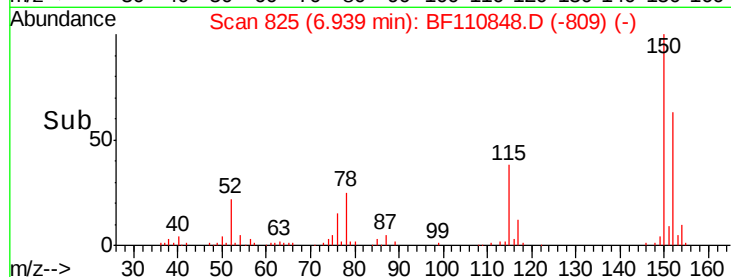
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 59739
Ion Ratio Lower Upper
152 100
150 158.0 122.7 184.1
115 59.9 49.1 73.7



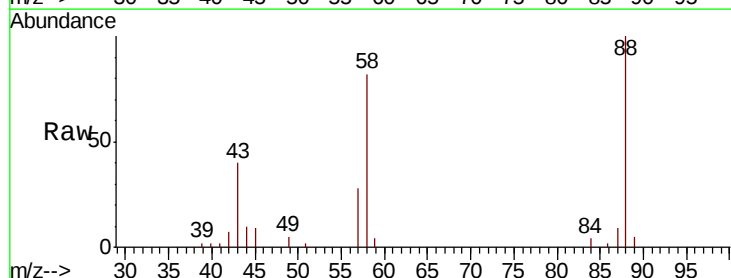
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



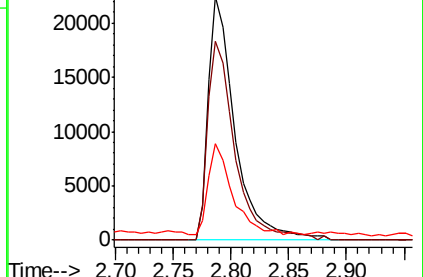
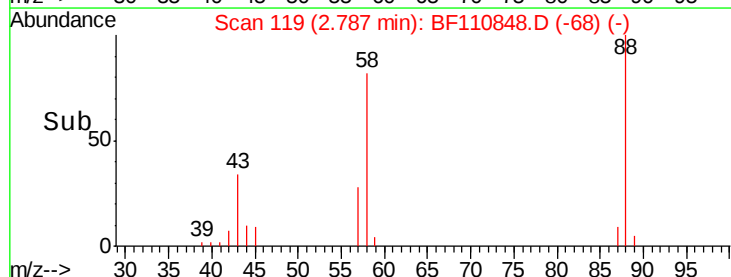
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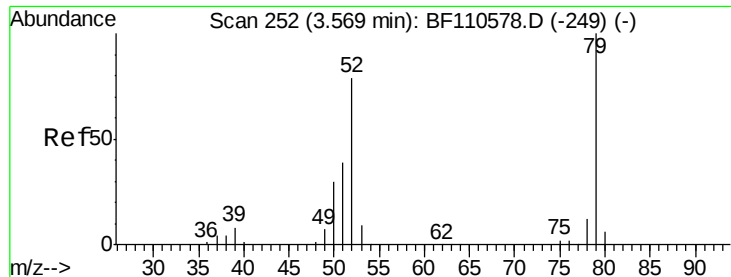
1,4-Dioxane
Concen: 19.740 ng
RT: 2.79 min Scan# 119
Delta R.T. -0.00 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion: 88 Resp: 36173
Ion Ratio Lower Upper
88 100
58 83.4 57.1 85.7
43 33.4 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

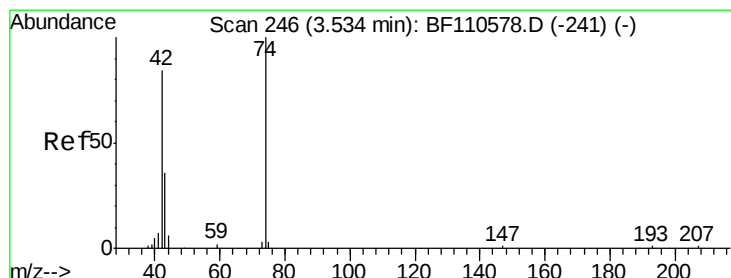
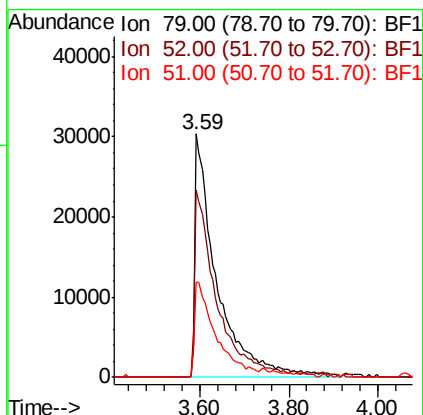
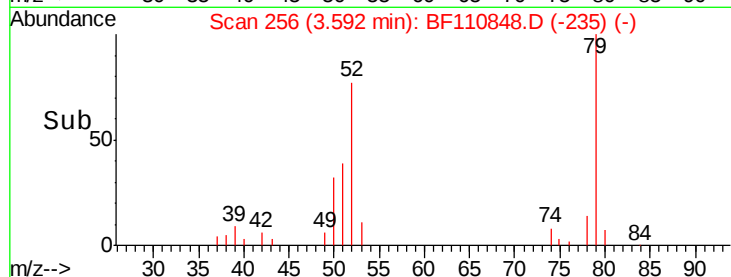
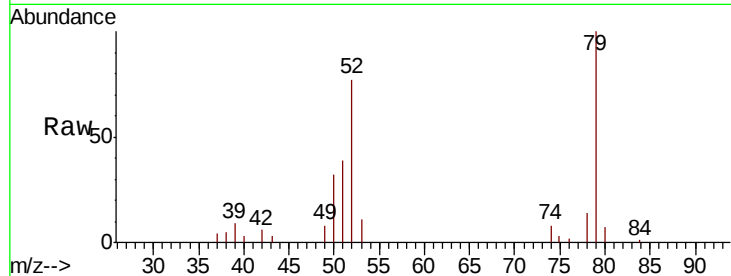




#3
 Pvridine
 Concen: 25.520 ng
 RT: 3.59 min Scan# 256
 Delta R.T. 0.02 min
 Lab File: BF110848.D
 Acq: 19 Nov 2018 13:04

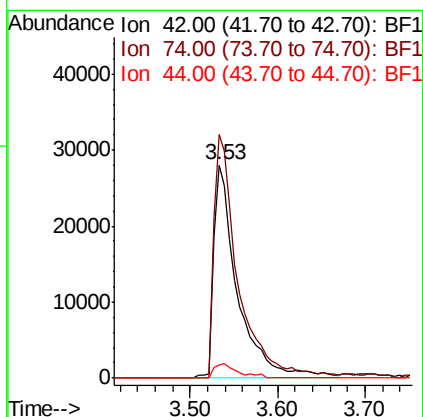
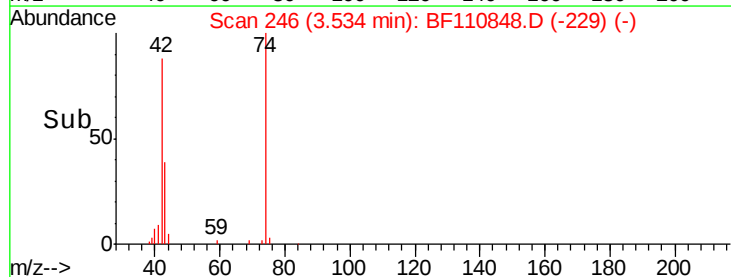
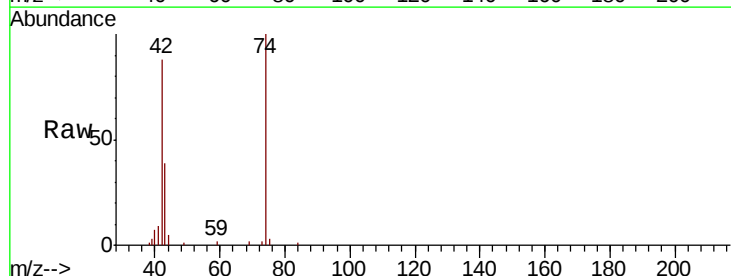
Instrument :
 BNA_F
 ClientSampleId :

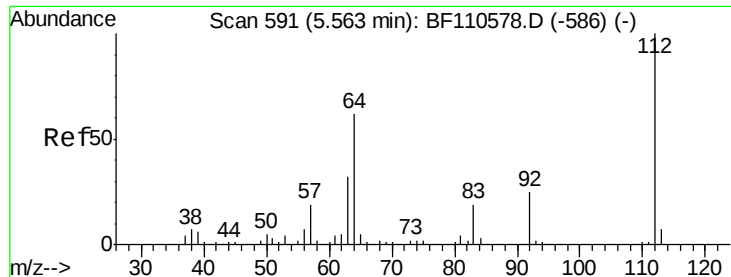
Tot Ion: 79 Resp: 100944
 Ion Ratio Lower Upper
 79 100
 52 76.8 53.1 79.7
 51 39.2 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 31.195 ng
 RT: 3.53 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: BF110848.D
 Acq: 19 Nov 2018 13:04

Tgt Ion: 42 Resp: 52944
 Ion Ratio Lower Upper
 42 100
 74 114.2 105.5 158.3
 44 6.2 4.9 7.3





#5

2-Fluorophenol

Concen: 95.745 ng

RT: 5.56 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Instrument :

BNA_F

ClientSampleId :

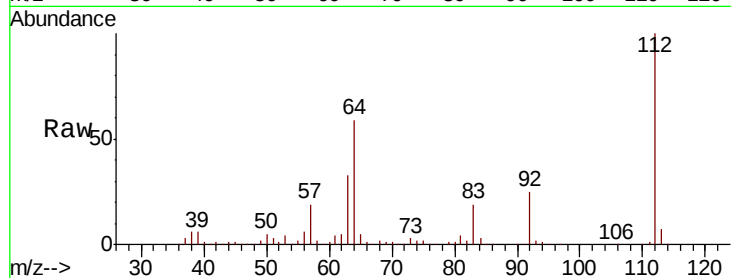
Tot Ion:112 Resp: 352131

Ion Ratio Lower Upper

112 100

64 58.8 44.1 66.1

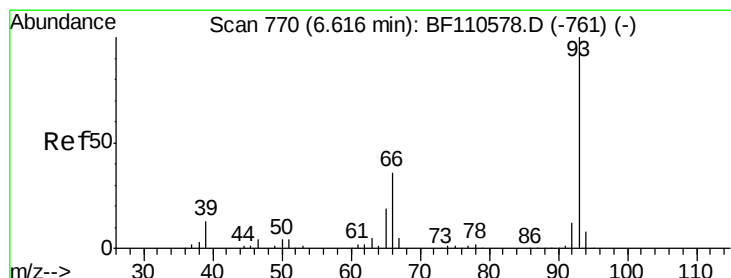
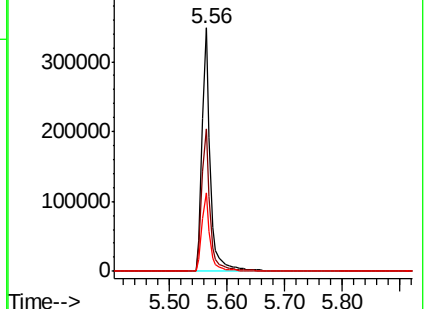
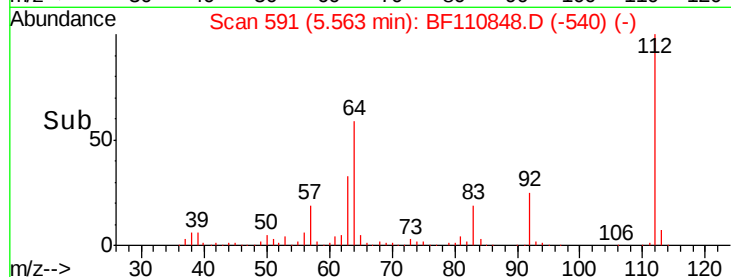
63 32.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.991 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

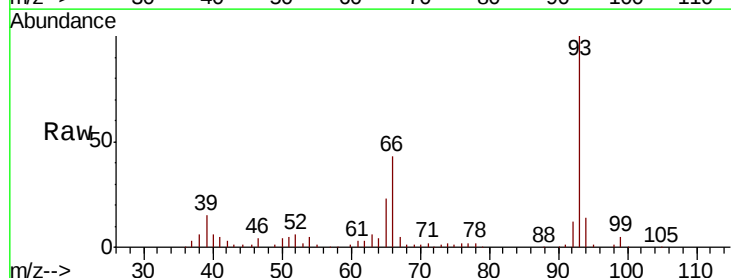
Tgt Ion: 93 Resp: 128742

Ion Ratio Lower Upper

93 100

66 43.4 67.4 101.0#

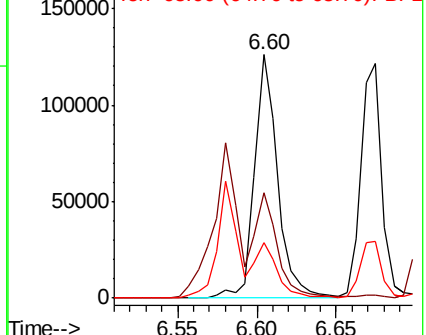
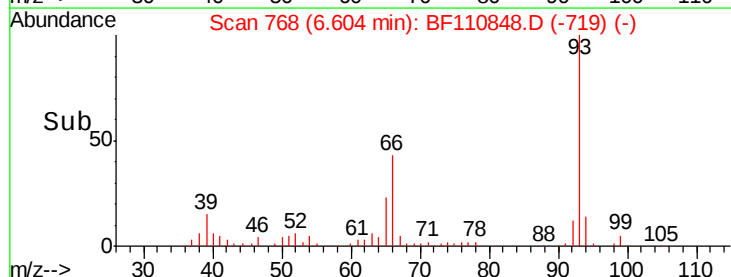
65 22.7 41.0 61.4#

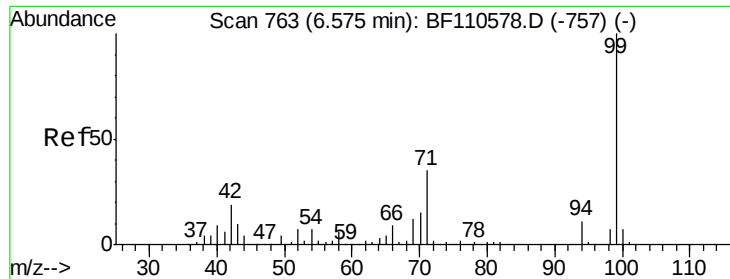


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.928 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Instrument :

BNA_F

ClientSampleId :

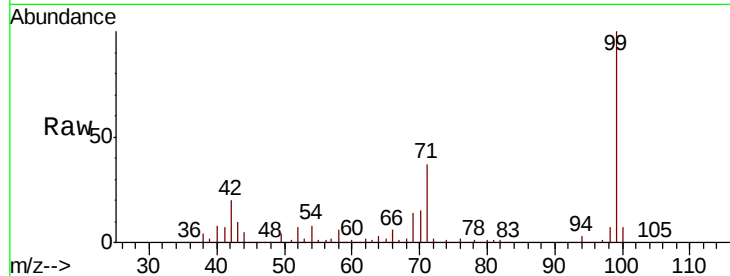
Tot Ion: 99 Resp: 441744

Ion Ratio Lower Upper

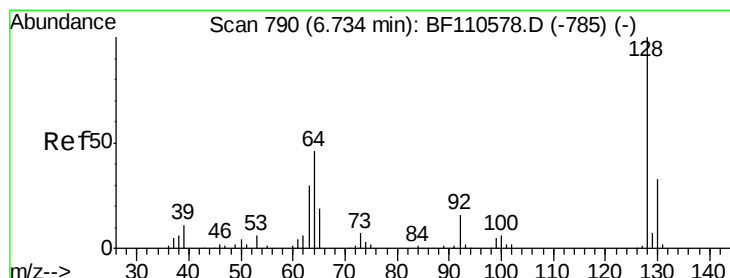
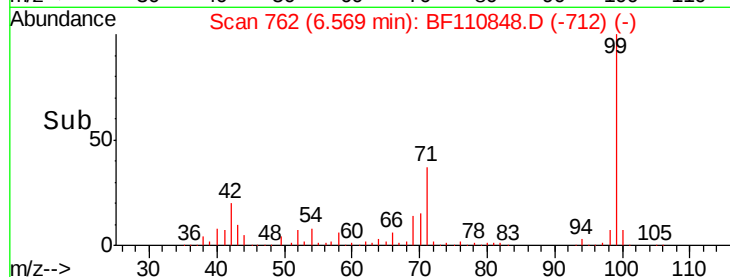
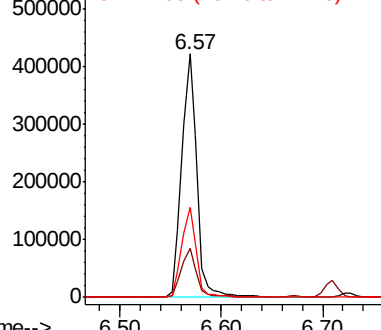
99 100

42 20.1 15.8 23.6

71 37.2 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: 28.234 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

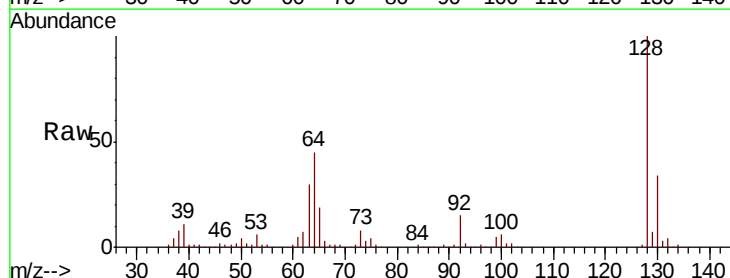
Tgt Ion: 128 Resp: 121728

Ion Ratio Lower Upper

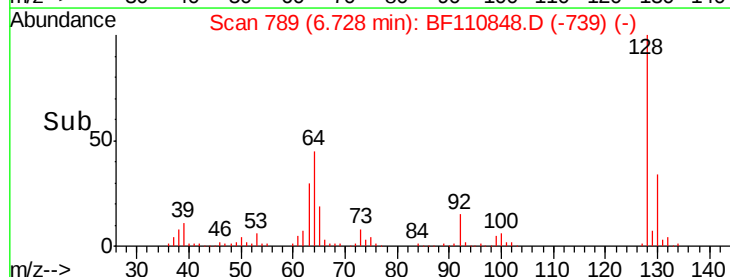
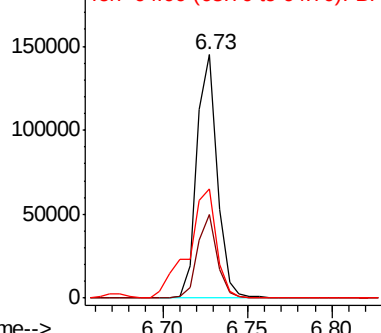
128 100

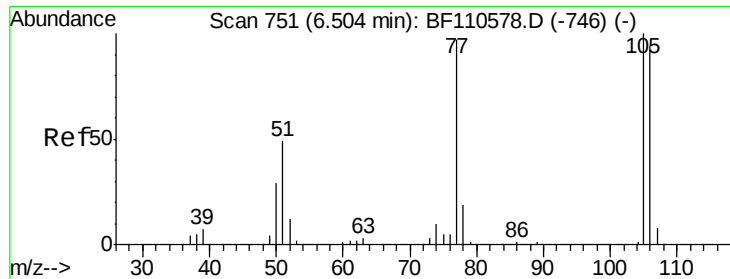
130 34.1 13.1 53.1

64 44.7 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: 21.414 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Instrument :

BNA_F

ClientSampled :

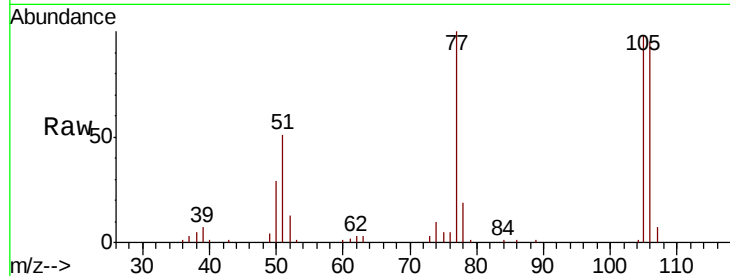
Tot Ion: 77 Resp: 61416

Ion Ratio Lower Upper

77 100

105 97.9 78.6 118.6

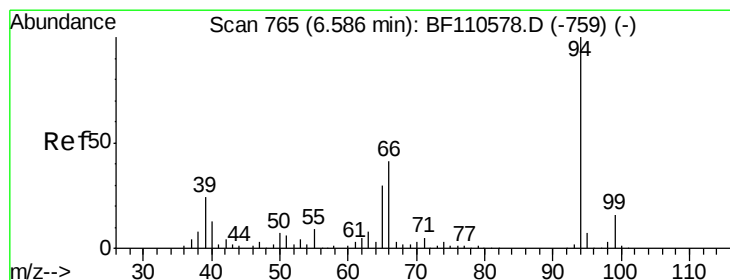
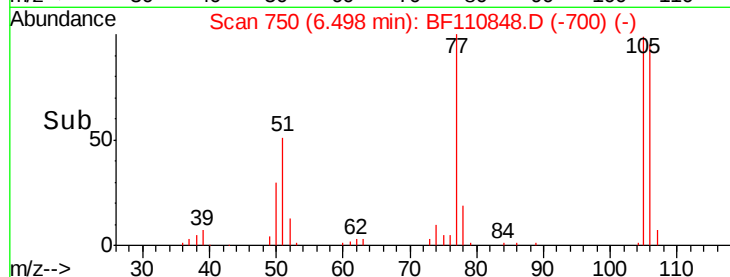
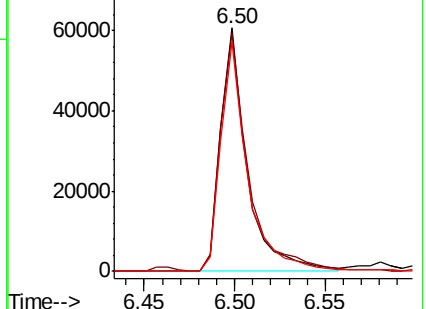
106 94.5 74.8 114.8



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: 32.265 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

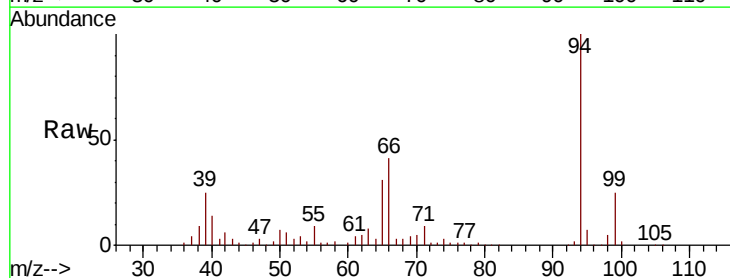
Tgt Ion: 94 Resp: 175952

Ion Ratio Lower Upper

94 100

65 31.1 25.3 65.3

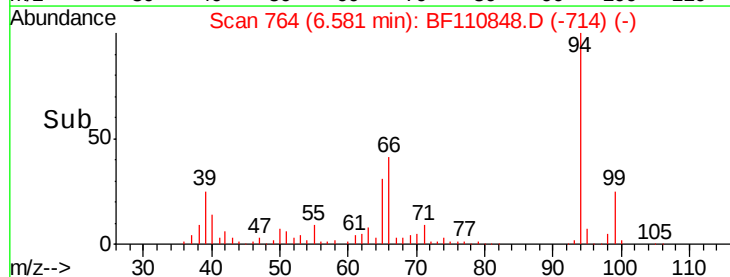
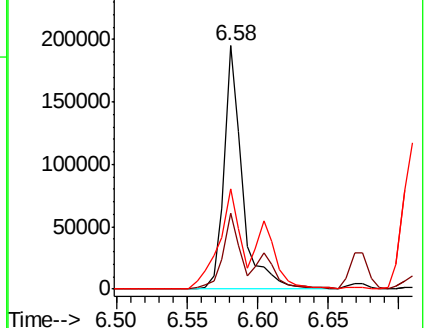
66 41.3 54.5 94.5#

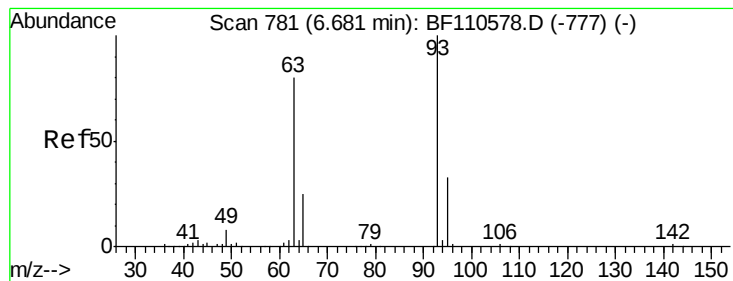


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

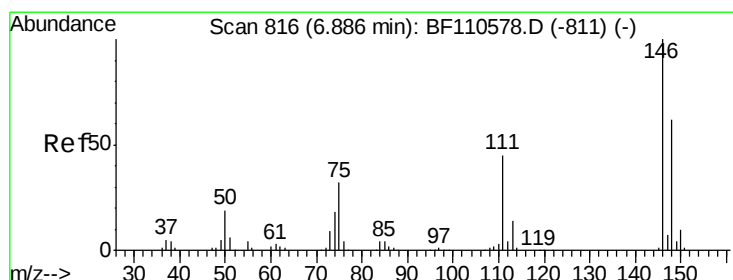
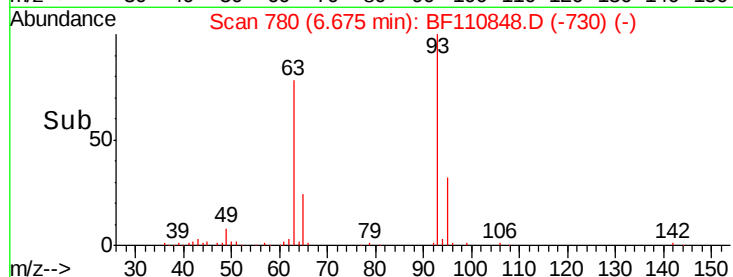
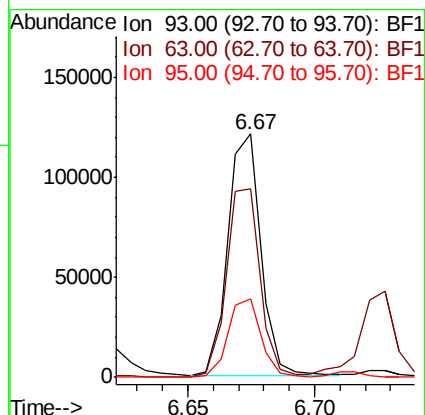
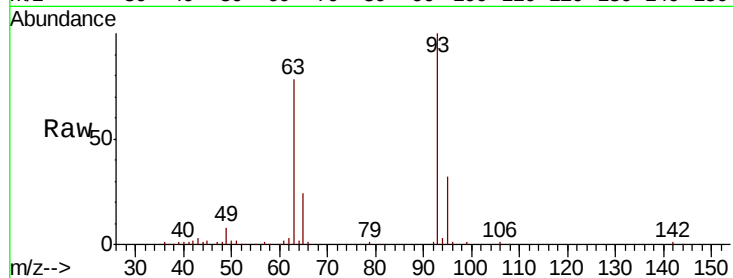




#11
bis(2-Chloroethyl)ether
Concen: 26.607 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

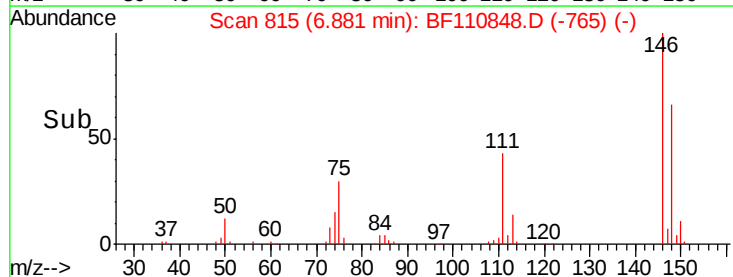
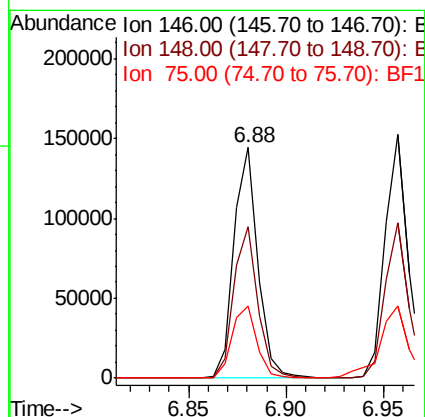
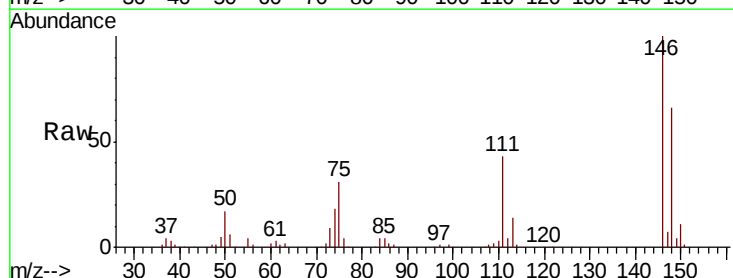
Instrument :
BNA_F
ClientSampleId :

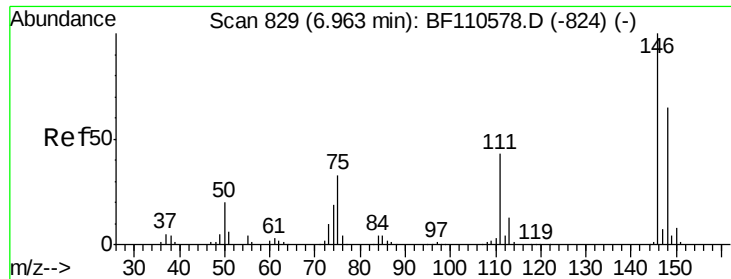
Tot Ion: 93 Resp: 108740
Ion Ratio Lower Upper
93 100
63 77.7 53.4 93.4
95 32.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 26.093 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion: 146 Resp: 123091
Ion Ratio Lower Upper
146 100
148 65.7 50.4 75.6
75 31.0 25.8 38.6

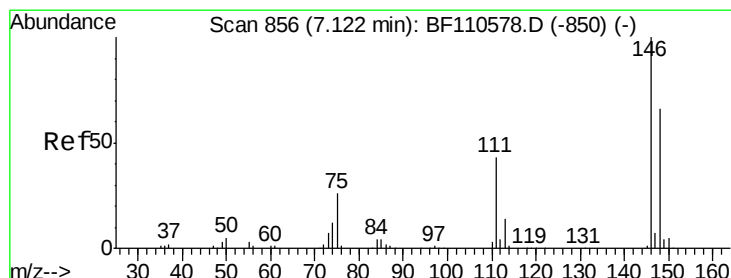
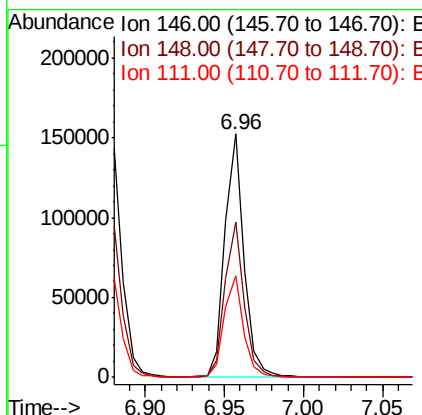
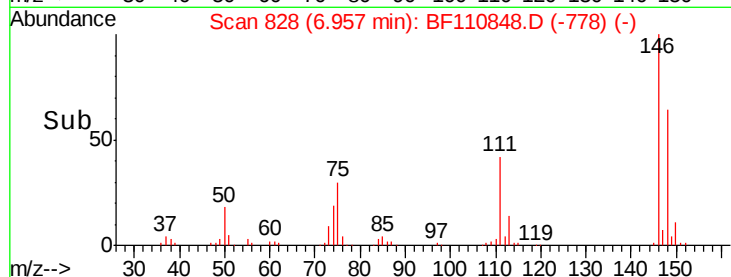
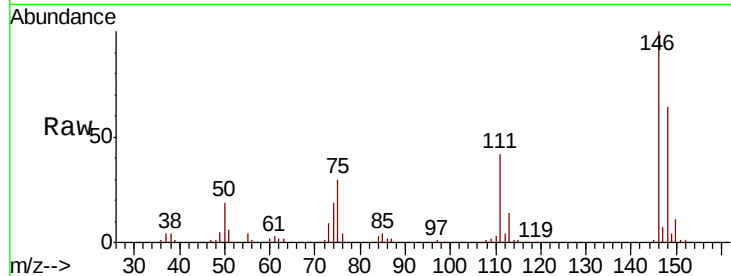




#13
 1,4-Dichlorobenzene
 Concen: 26.615 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF110848.D
 Acq: 19 Nov 2018 13:04

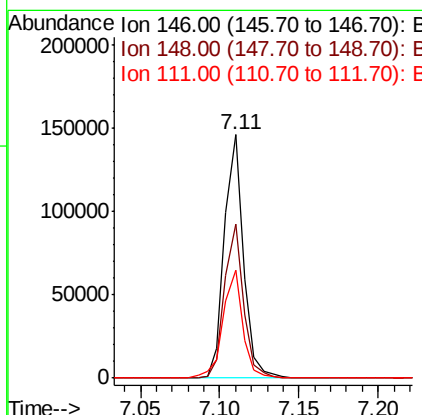
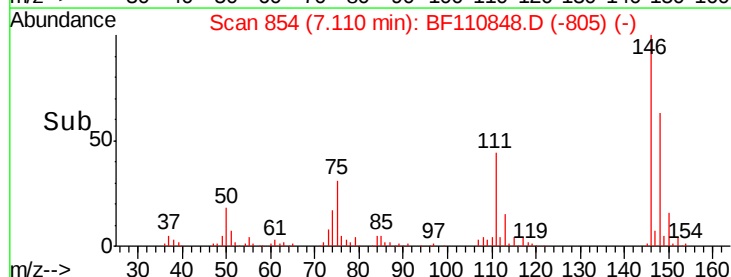
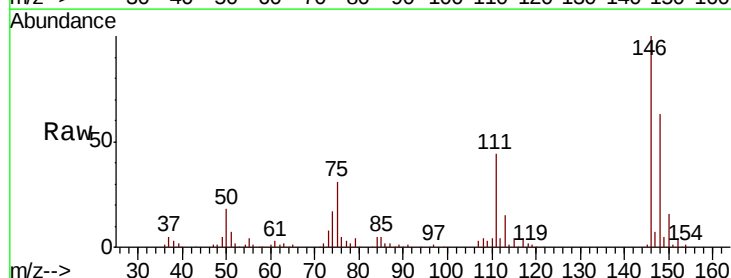
Instrument :
 BNA_F
 ClientSampleId :

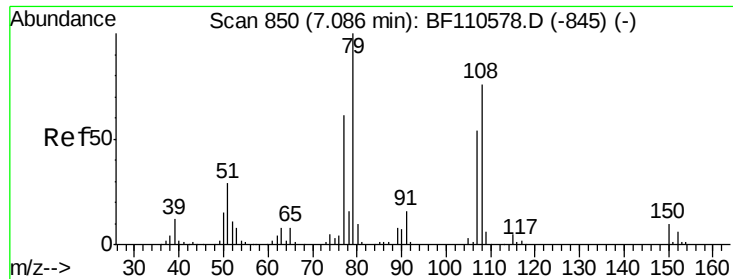
Tot Ion:146 Resp: 127494
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.3 75.5
 111 42.0 32.7 49.1



#14
 1,2-Dichlorobenzene
 Concen: 27.329 ng
 RT: 7.11 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: BF110848.D
 Acq: 19 Nov 2018 13:04

Tgt Ion:146 Resp: 121787
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.1 76.7
 111 44.1 35.8 53.6





#15

Benzyl Alcohol

Concen: 28.697 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Instrument :

BNA_F

ClientSampled :

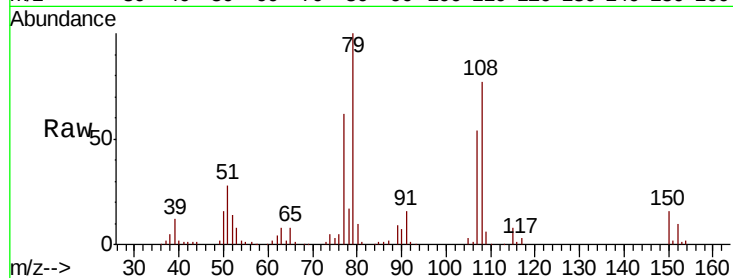
Tot Ion: 79 Resp: 105618

Ion Ratio Lower Upper

79 100

108 77.2 56.3 84.5

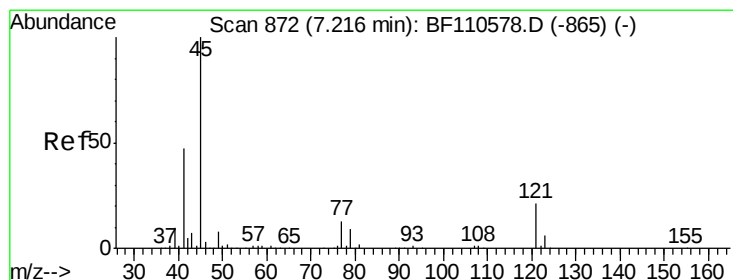
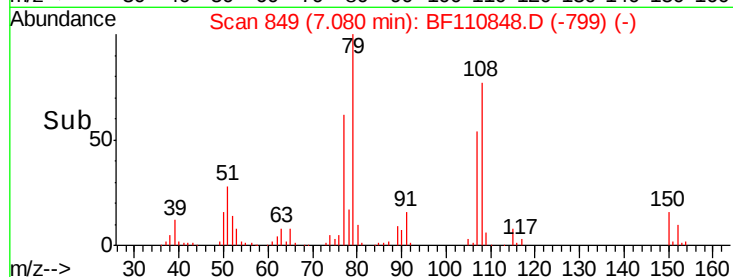
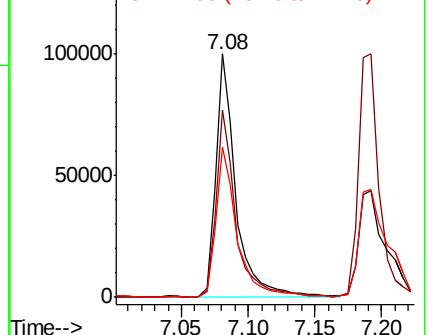
77 61.6 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.794 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

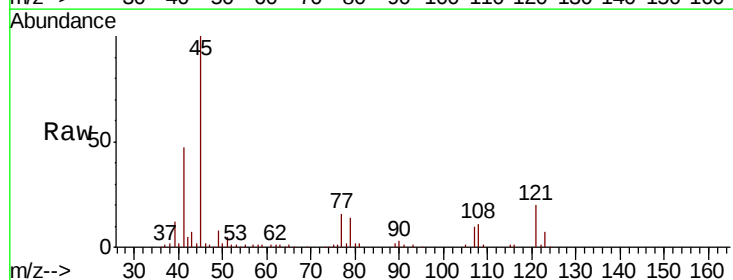
Tgt Ion: 45 Resp: 171964

Ion Ratio Lower Upper

45 100

77 16.2 10.0 50.0

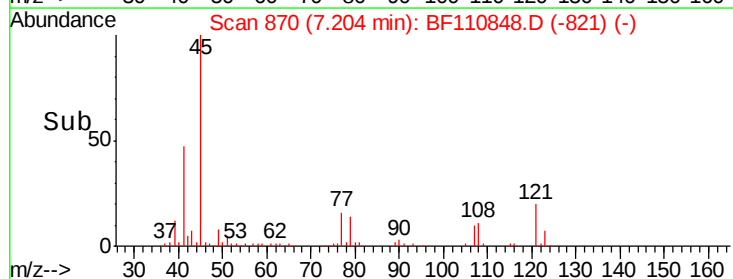
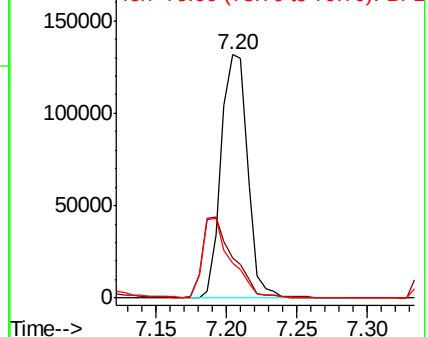
79 14.4 6.1 46.1

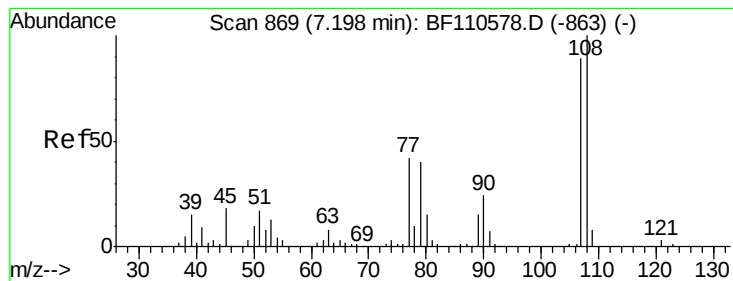


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

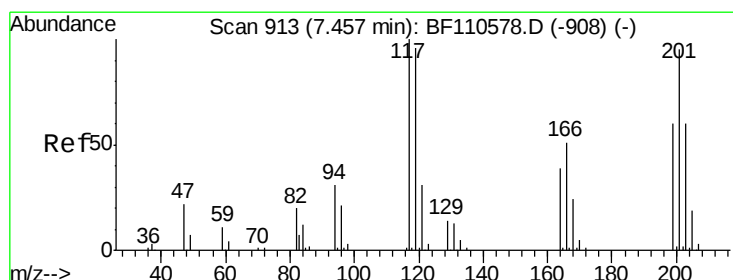
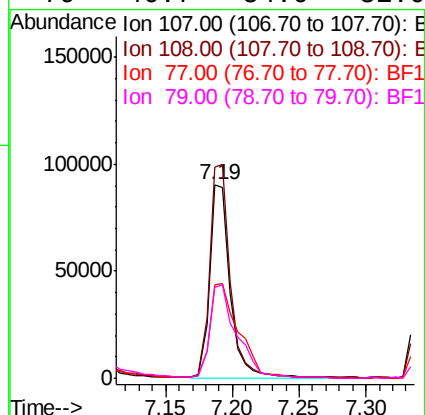
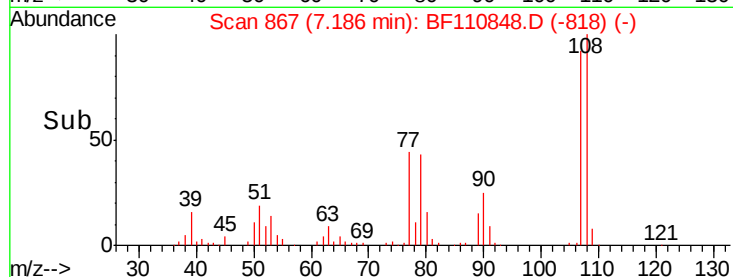
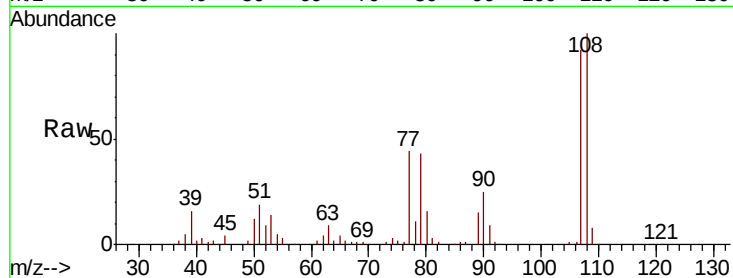




#17
2-Methylphenol
Concen: 28.634 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

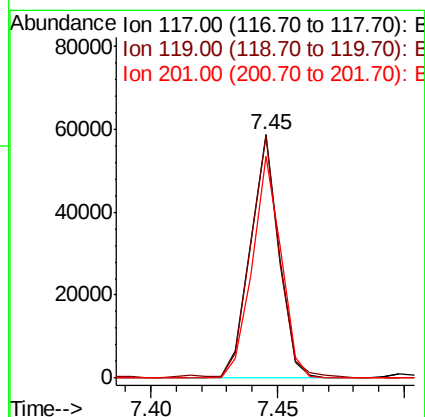
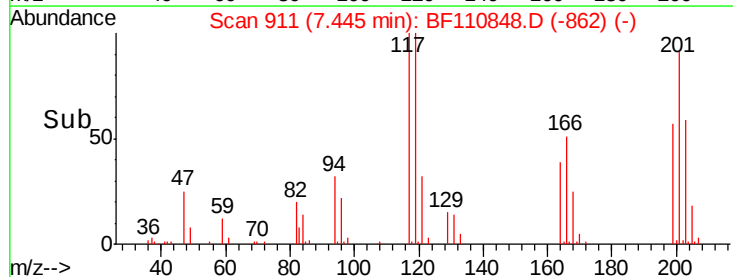
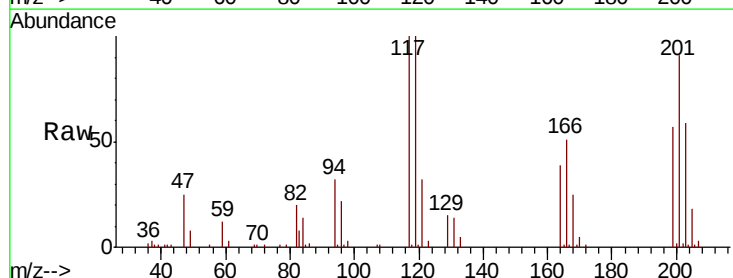
Instrument :
BNA_F
ClientSampleId :

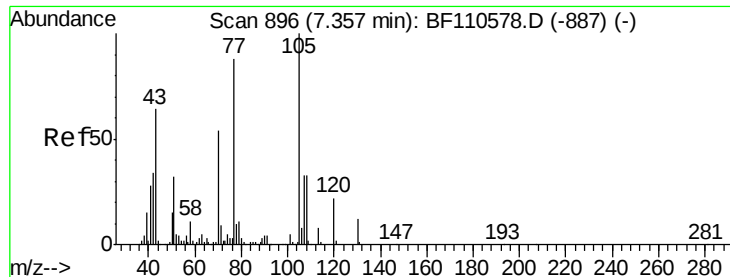
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.9	92.6	138.8
77	48.1	59.4	89.2#
79	46.7	54.0	81.0#



#18
Hexachloroethane
Concen: 26.261 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	75.0	112.6
201	91.3	79.2	118.8

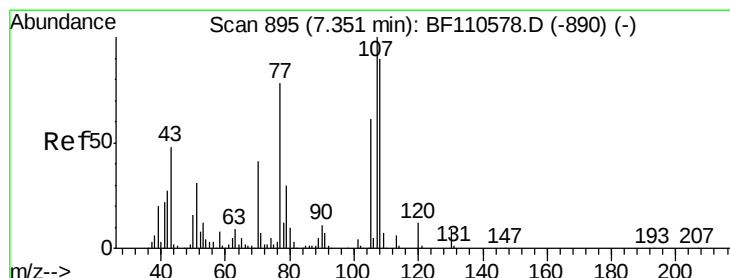
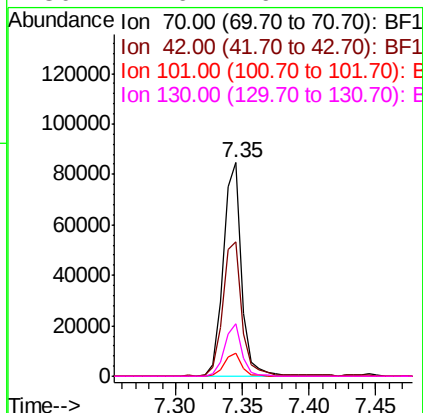
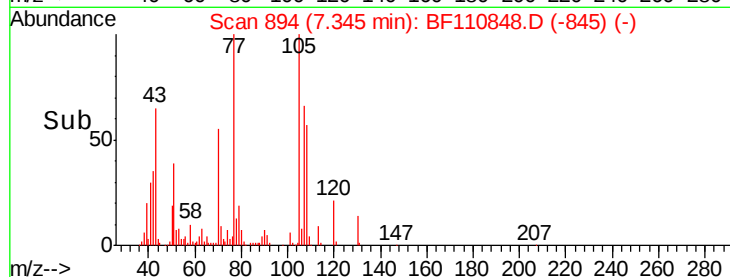
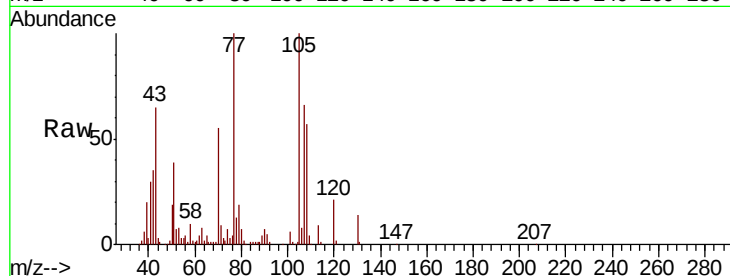




#19
n-Nitroso-di-n-propylamine
Concen: 27.510 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

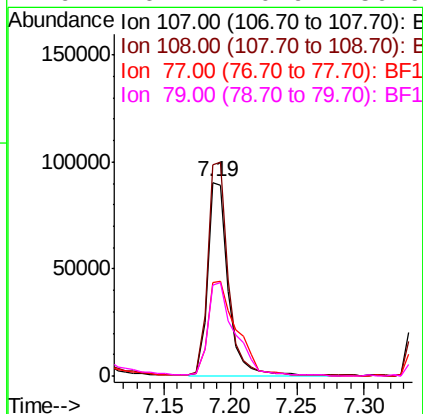
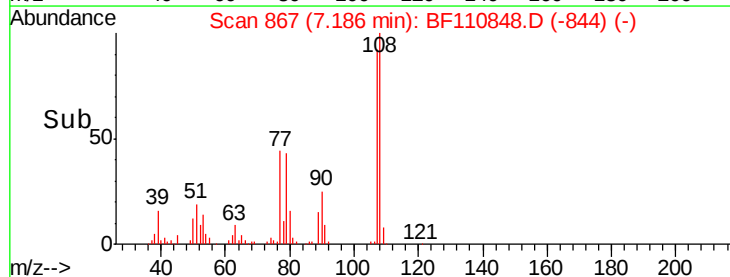
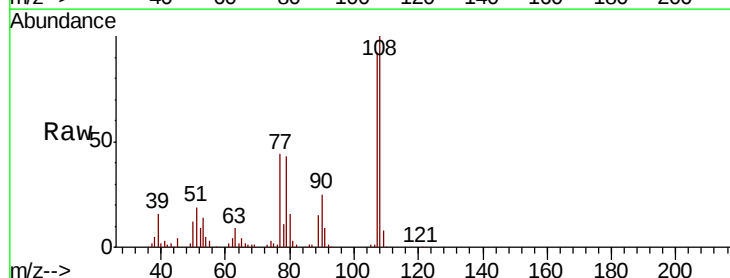
Instrument :
BNA_F
ClientSampleId :

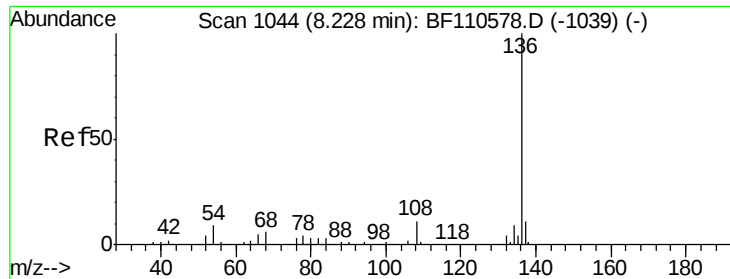
Tot Ion: 70 Resp: 82586
Ion Ratio Lower Upper
70 100
42 62.7 47.4 71.2
101 10.8 7.3 10.9
130 24.6 16.2 24.2#



#20
3+4-Methylphenols
Concen: 22.306 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.16 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion:107 Resp: 98253
Ion Ratio Lower Upper
107 100
108 108.9 71.4 111.4
77 48.1 47.3 87.3
79 46.7 10.9 50.9

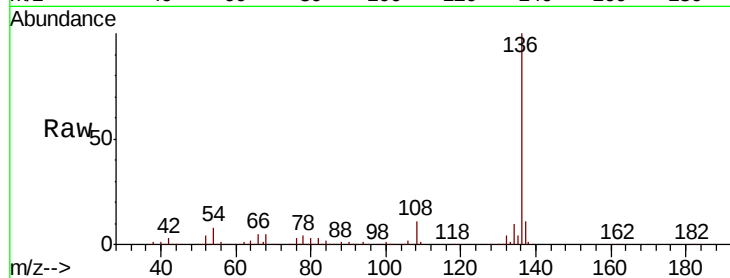




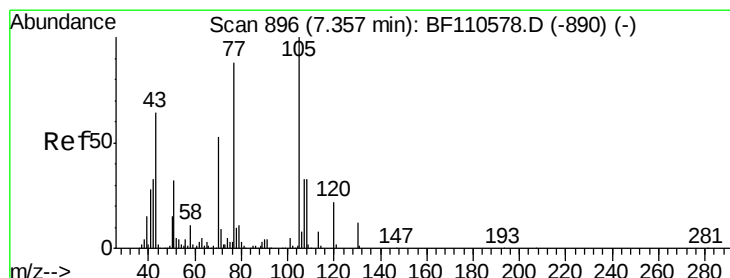
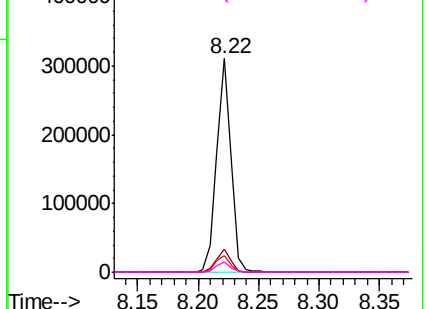
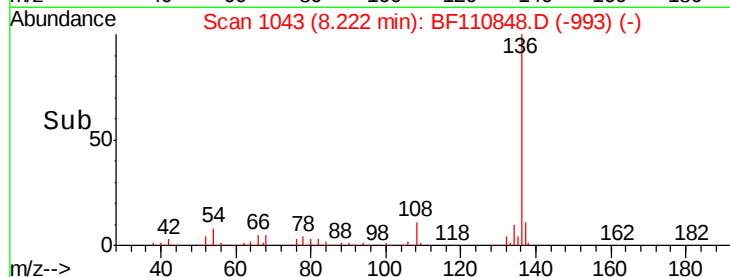
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	250081
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.8 13.2
54	7.8	5.4 8.2
68	4.9	4.2 6.2

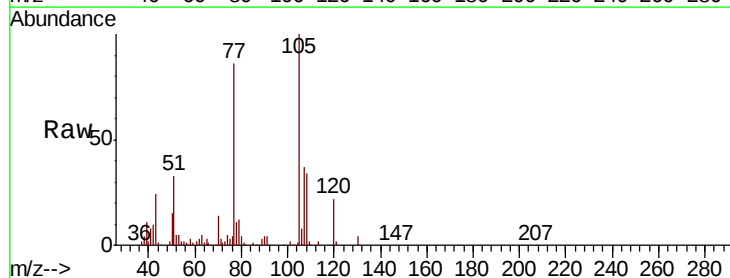


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

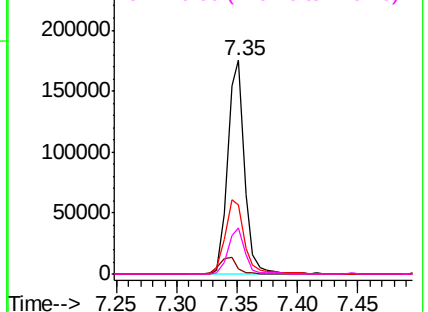
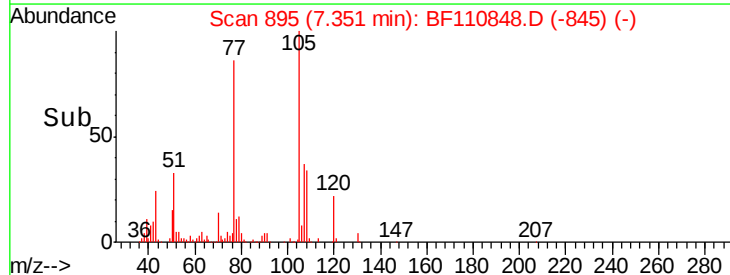


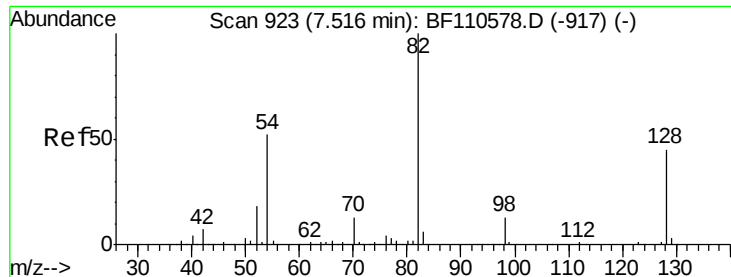
#22
Acetophenone
Concen: 29.059 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion:105	Resp:	169364
Ion Ratio	Lower	Upper
105	100	
71	2.6	5.2 7.8#
51	32.5	21.8 32.8
120	21.8	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

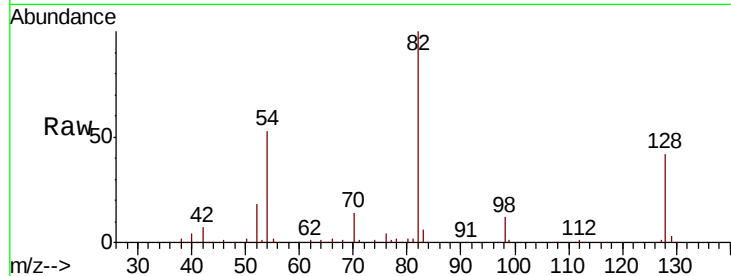




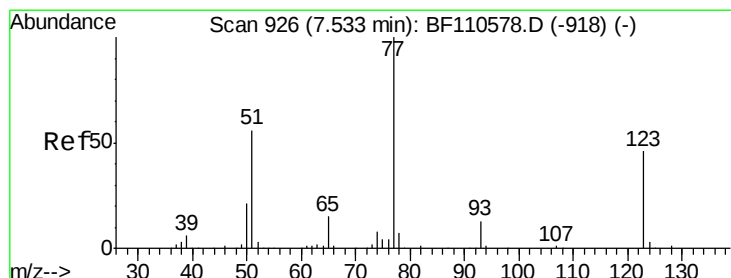
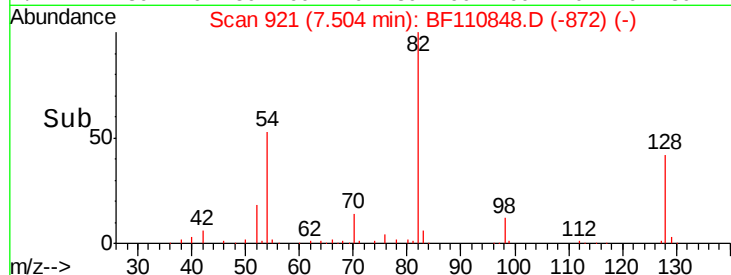
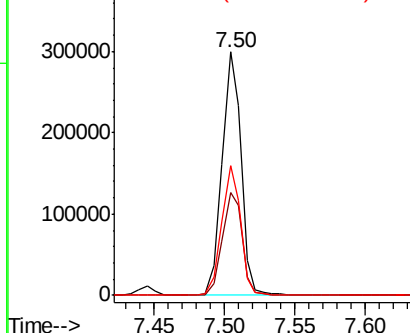
#23
Nitrobenzene-d5
Concen: 64.648 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	280732
Ion Ratio	100	Lower	Upper
128	42.2	34.2	51.2
54	53.2	38.6	58.0

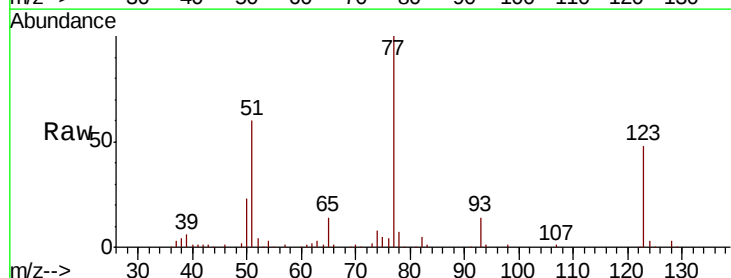


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

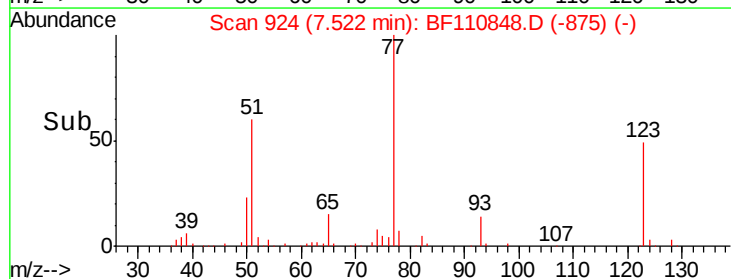
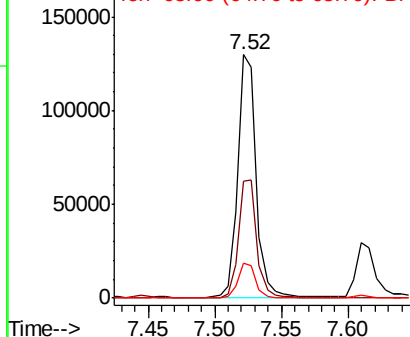


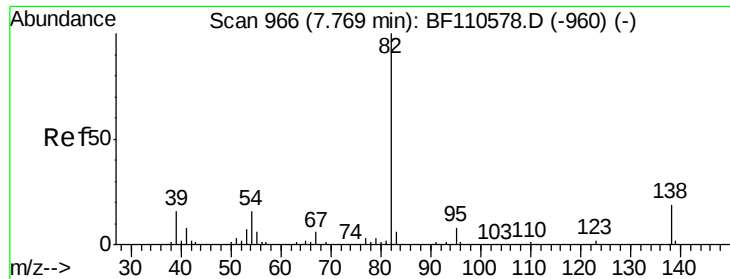
#24
Nitrobenzene
Concen: 28.255 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion	77	Resp	125709
Ion Ratio	100	Lower	Upper
123	48.0	35.7	53.5
65	14.4	10.7	16.1



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





#25

Isophorone

Concen: 31.227 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Instrument :

BNA_F

ClientSampleId :

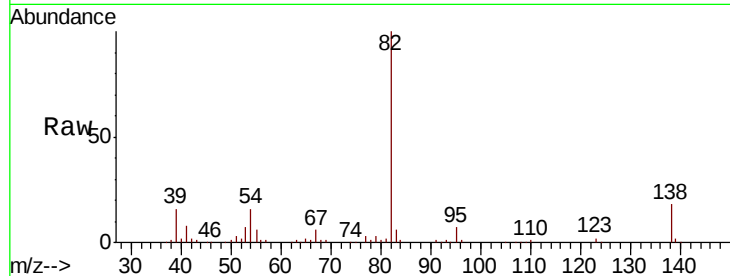
Tot Ion: 82 Resp: 222255

Ion Ratio Lower Upper

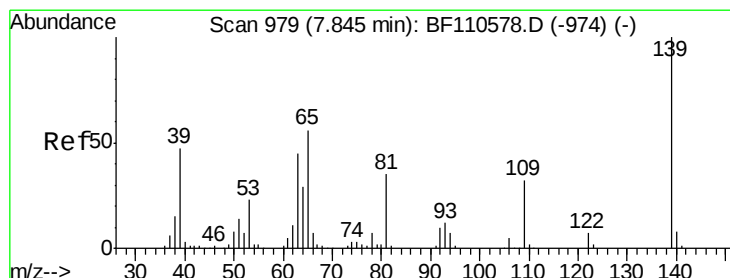
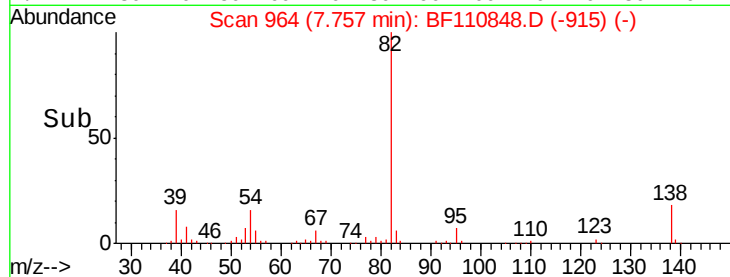
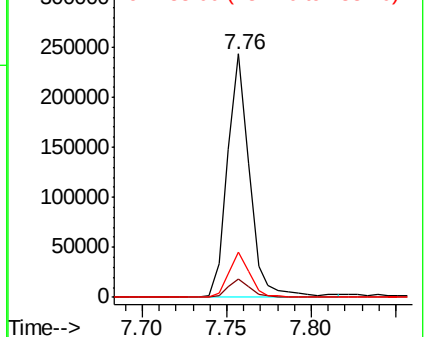
82 100

95 7.4 5.7 8.5

138 18.4 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: 28.636 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

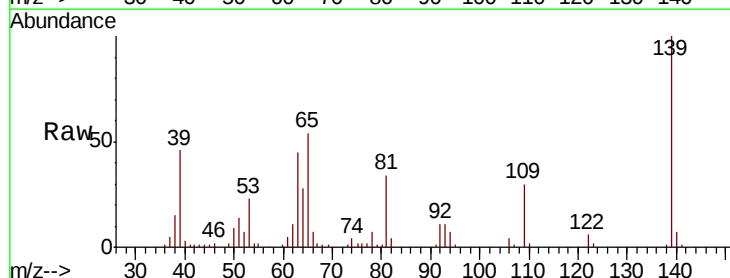
Tgt Ion: 139 Resp: 63560

Ion Ratio Lower Upper

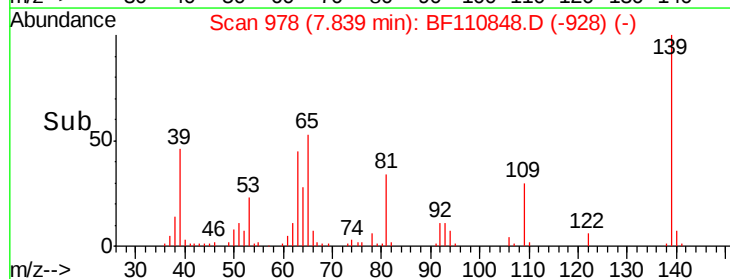
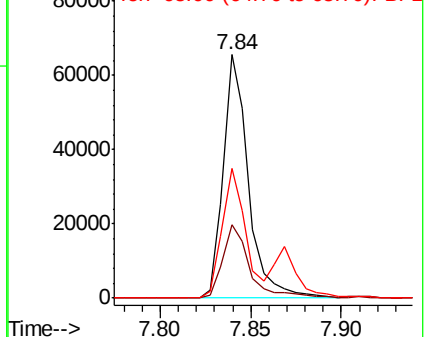
139 100

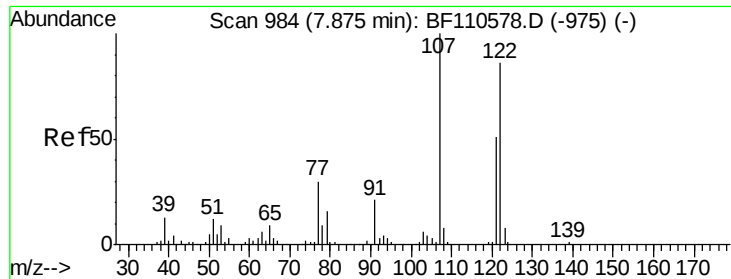
109 30.1 25.0 37.6

65 53.5 44.0 66.0



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

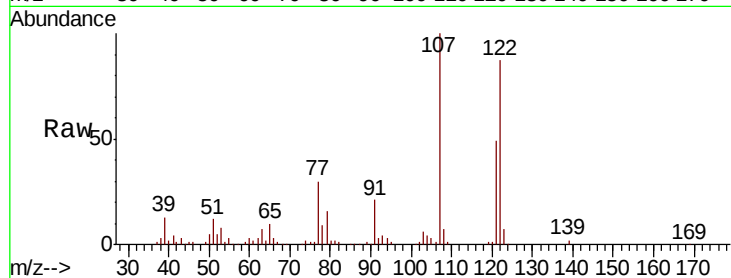




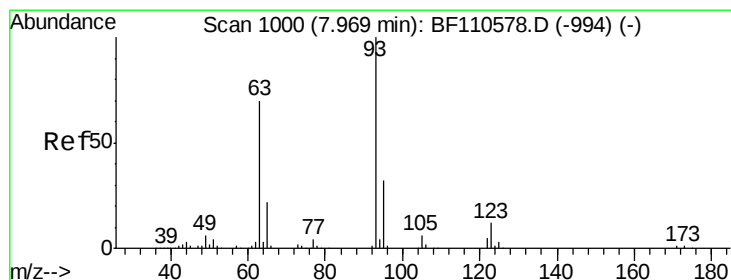
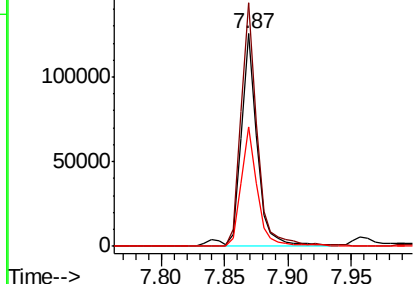
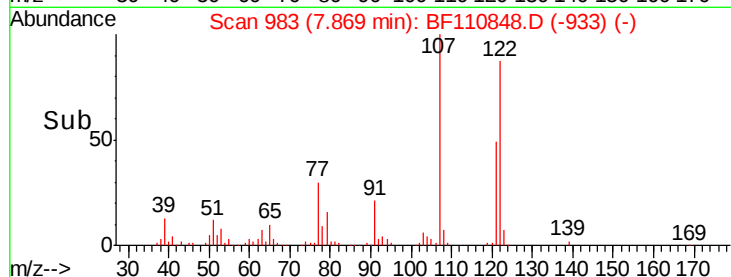
#27
2,4-Dimethylphenol
Concen: 32.803 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 110883
Ion Ratio Lower Upper
122 100
107 114.5 92.5 138.7
121 55.9 45.8 68.8

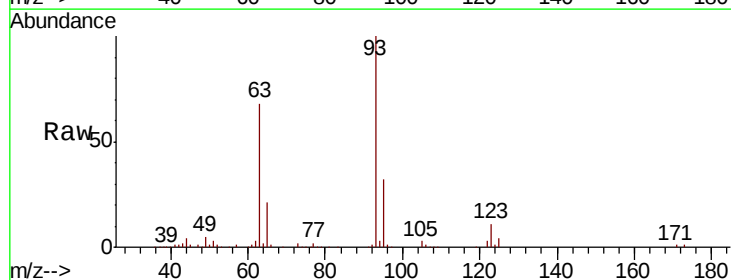


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

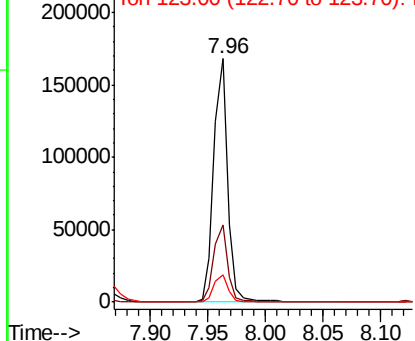
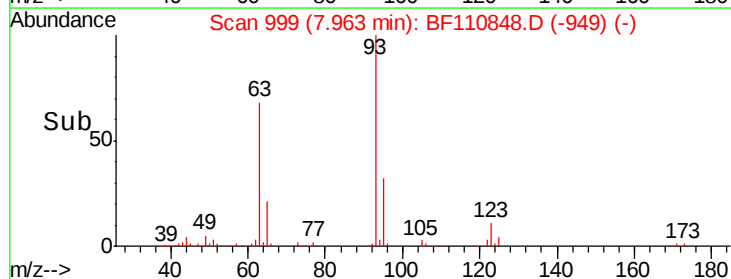


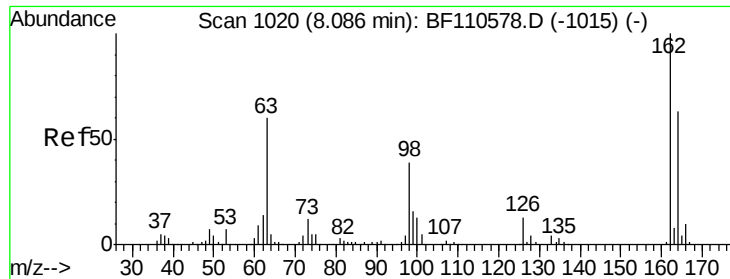
#28
bis(2-Chloroethoxy)methane
Concen: 29.423 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion: 93 Resp: 141788
Ion Ratio Lower Upper
93 100
95 31.9 26.4 39.6
123 11.1 9.0 13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

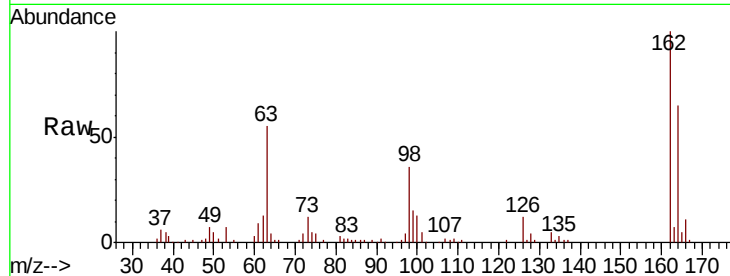




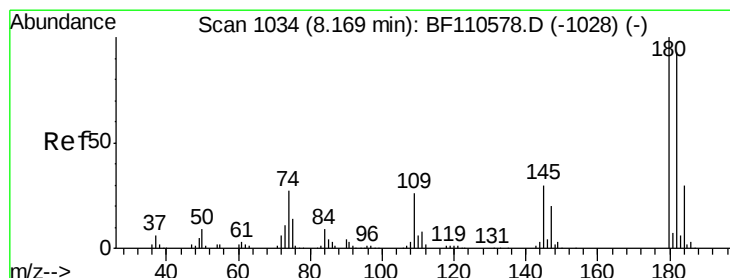
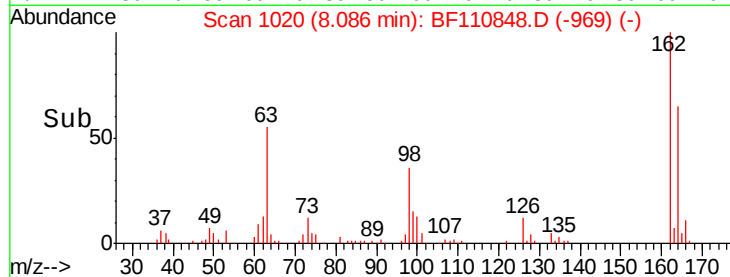
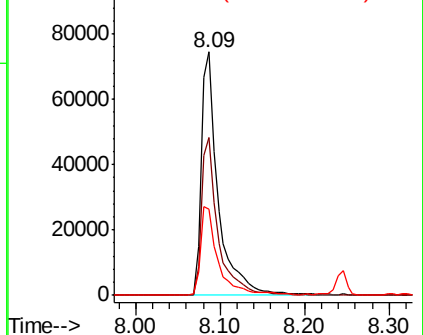
#29
 2,4-Dichlorophenol
 Concen: 29.518 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF110848.D
 Acq: 19 Nov 2018 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.6	84.6
98	35.6	17.4	57.4

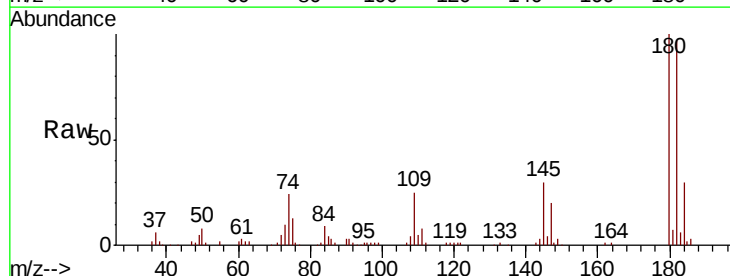


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

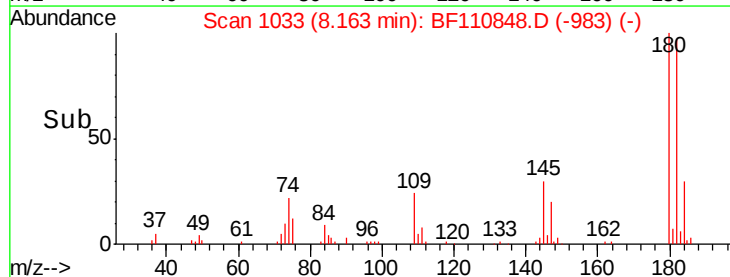
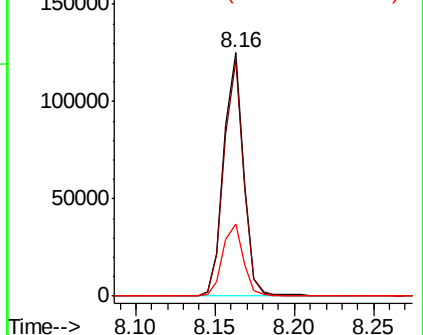


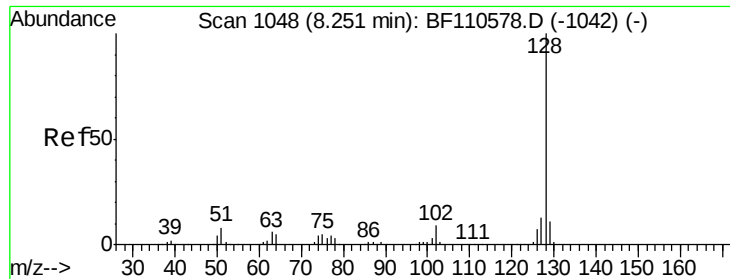
#30
 1,2,4-Trichlorobenzene
 Concen: 27.681 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF110848.D
 Acq: 19 Nov 2018 13:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	80.3	120.5
145	29.8	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

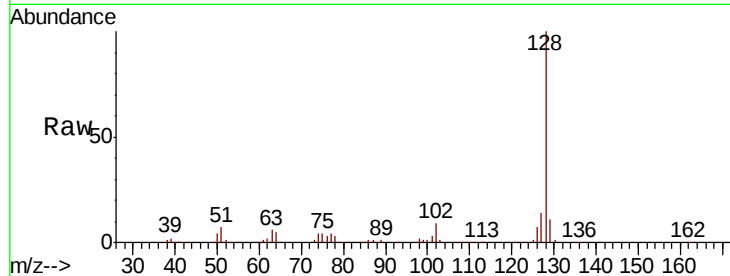




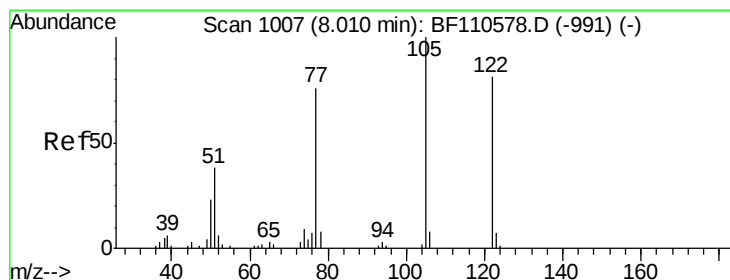
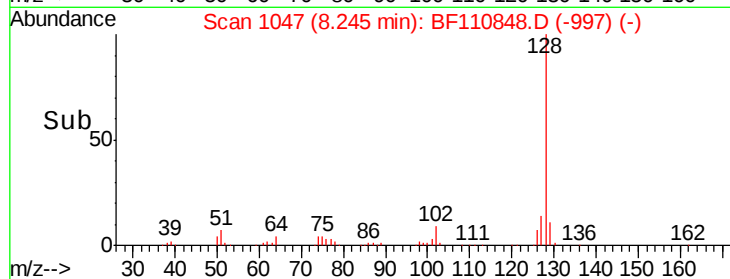
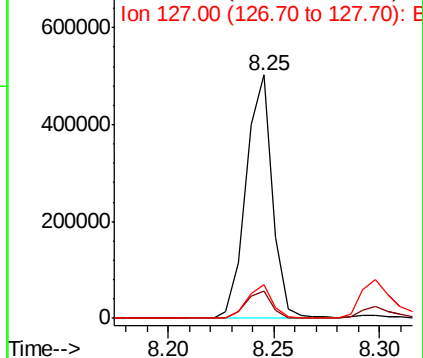
#31
Naphthalene
Concen: 37.053 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 435004
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.8 10.8 16.2

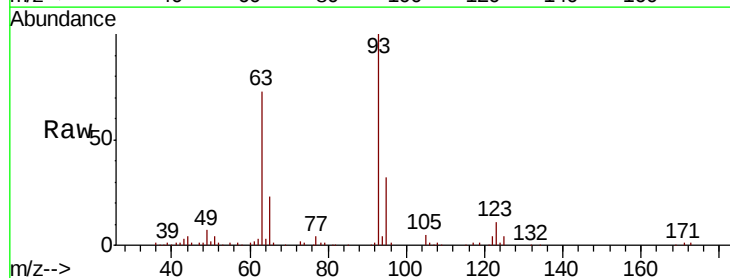


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

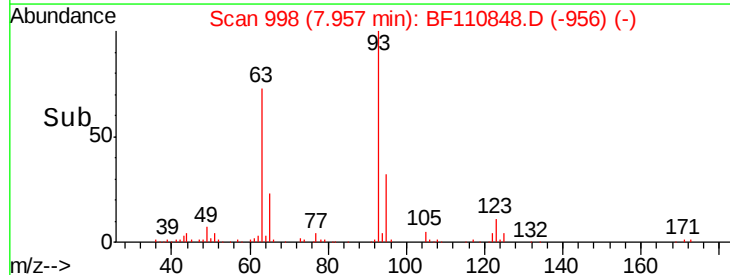
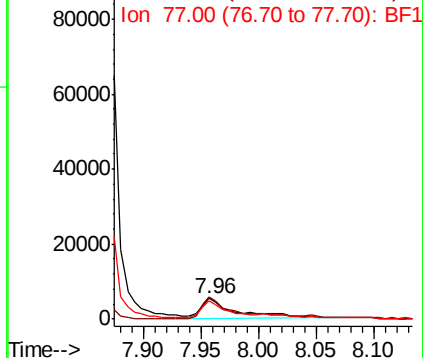


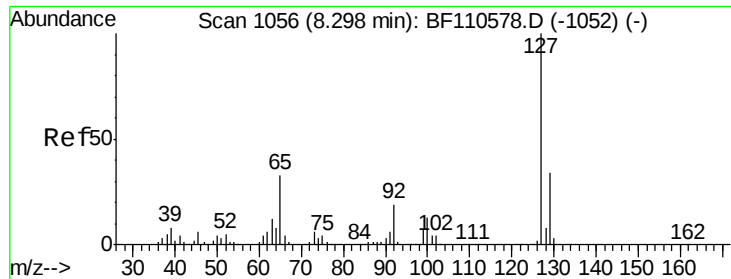
#32
Benzoic acid
Concen: 4.548 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.05 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion:122 Resp: 10877
Ion Ratio Lower Upper
122 100
105 108.3 109.0 149.0#
77 92.6 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

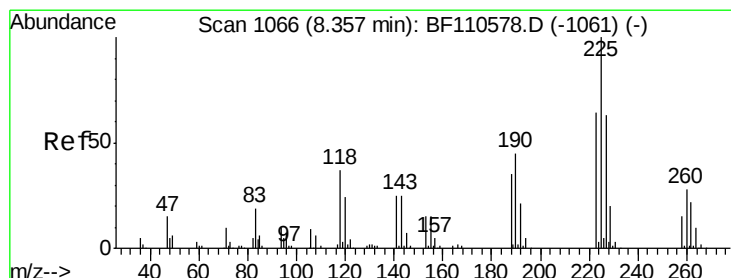
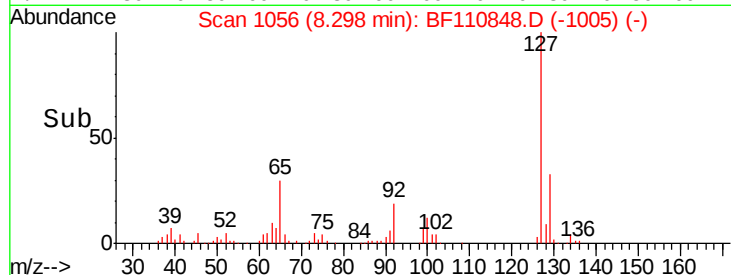
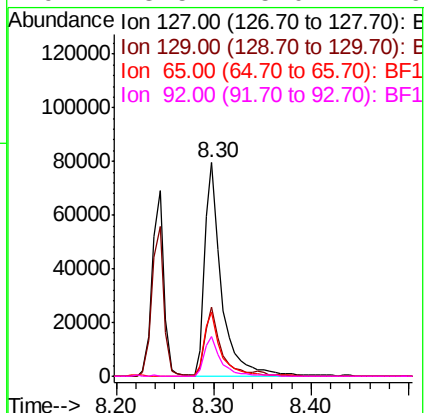
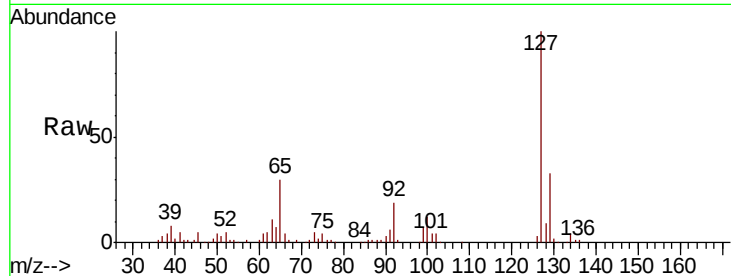




#33
4-Chloroaniline
Concen: 18.050 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

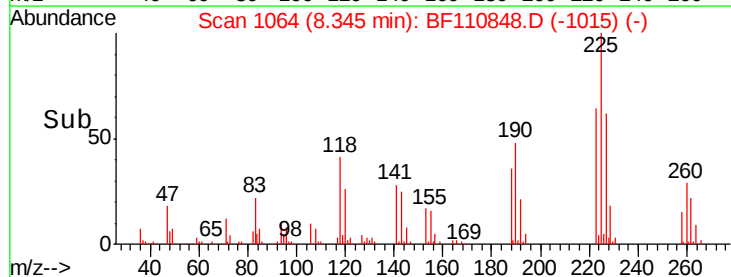
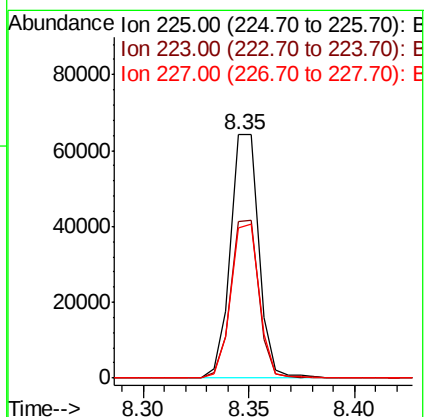
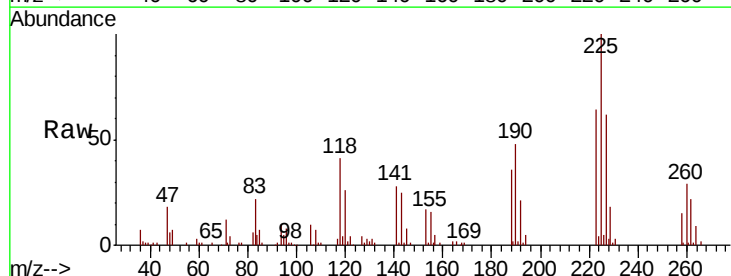
Instrument :
BNA_F
ClientSampleId :

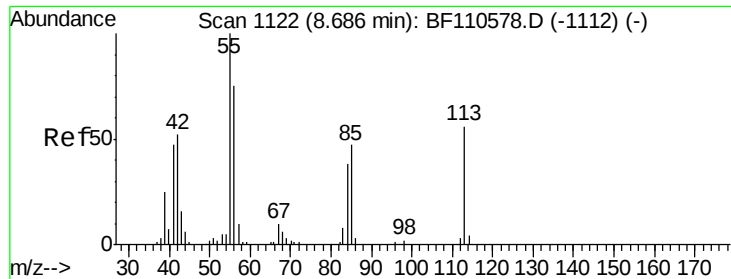
Tot Ion:	127	Resp:	95985
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	29.9	25.1	37.7
92	18.5	15.0	22.6



#34
Hexachlorobutadiene
Concen: 26.485 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion:	225	Resp:	59325
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.4	77.2
227	61.9	51.0	76.6

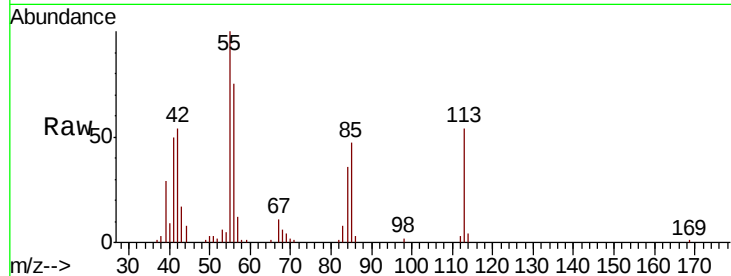




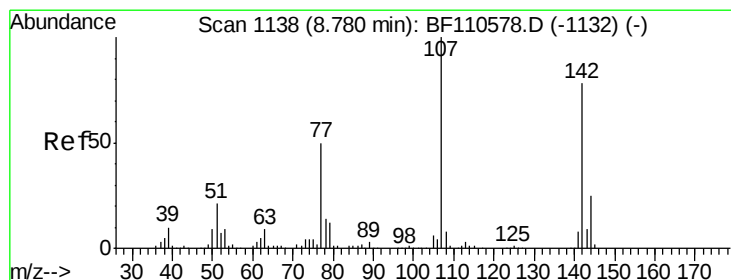
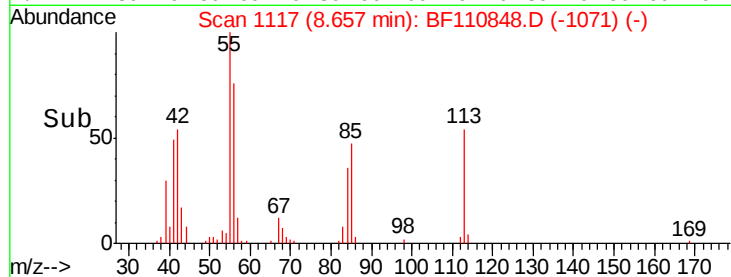
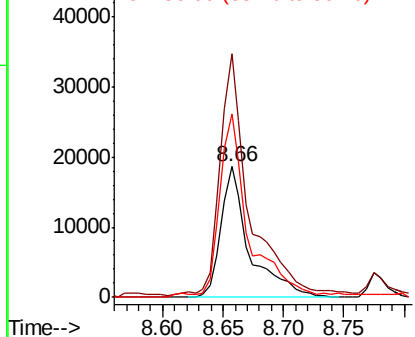
#35
 Caprolactam
 Concen: 26.229 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.03 min
 Lab File: BF110848.D
 Acq: 19 Nov 2018 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 30480
 Ion Ratio Lower Upper
 113 100
 55 186.5 142.8 182.8#
 56 140.1 105.0 145.0

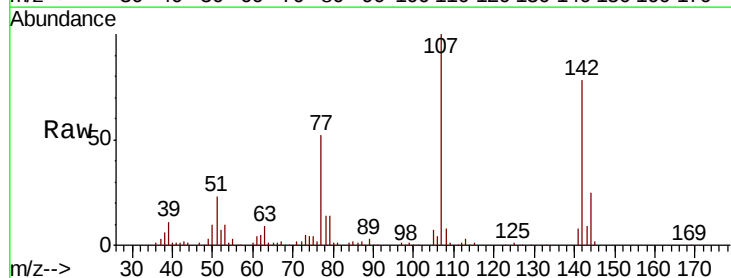


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

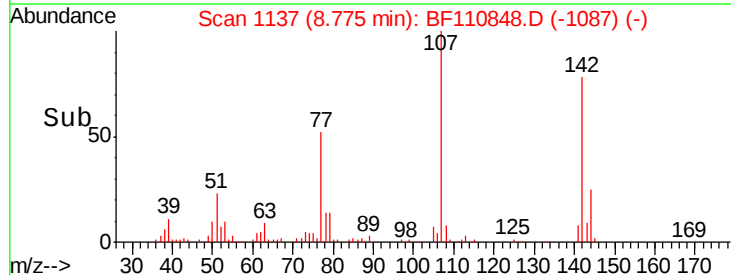
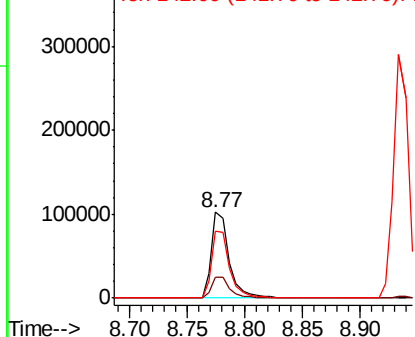


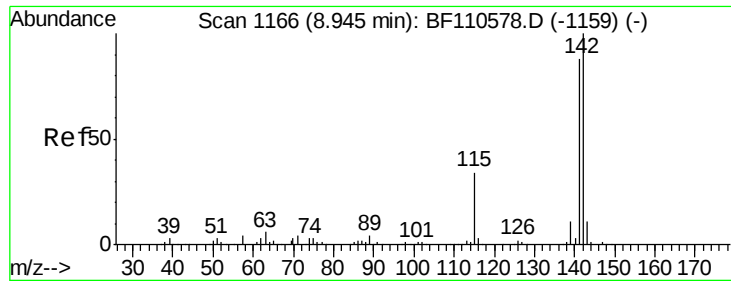
#36
 4-Chloro-3-methylphenol
 Concen: 29.328 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF110848.D
 Acq: 19 Nov 2018 13:04

Tgt Ion:107 Resp: 110015
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.0 30.0
 142 77.6 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

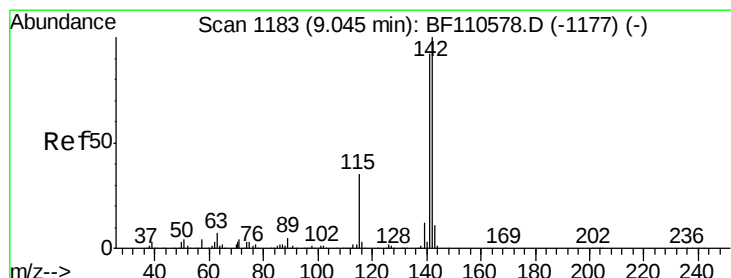
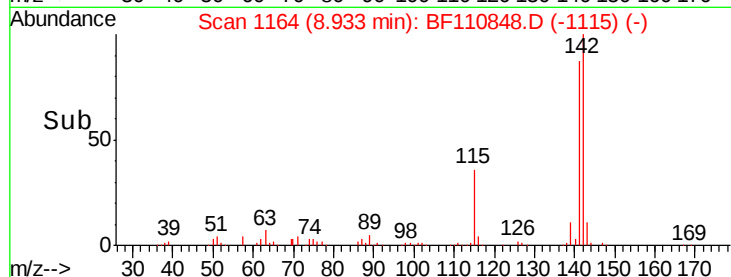
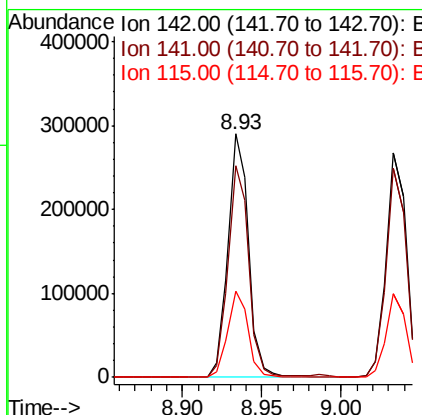
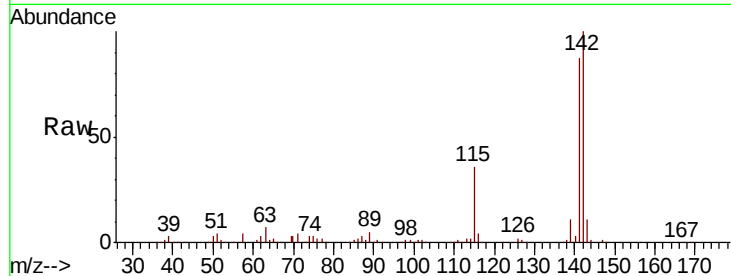




#37
 2-Methylnaphthalene
 Concen: 34.023 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF110848.D
 Acq: 19 Nov 2018 13:04

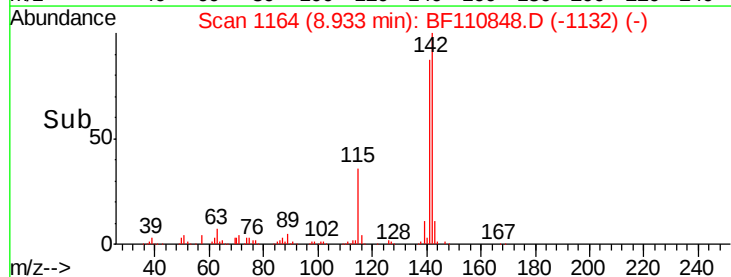
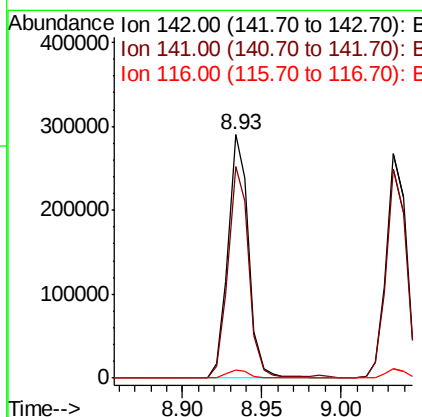
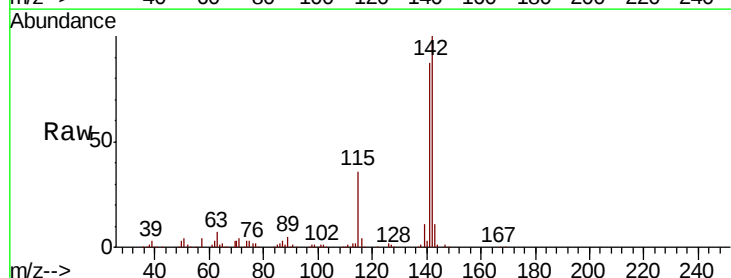
Instrument :
 BNA_F
 ClientSampleId :

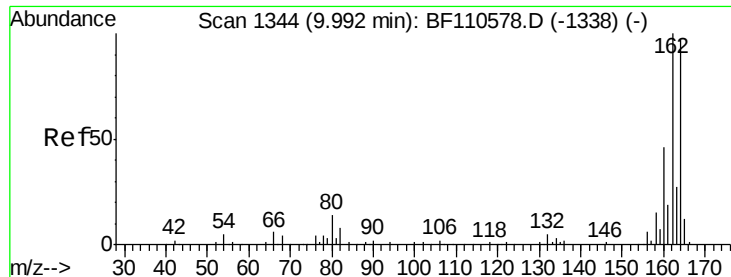
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.4	107.2
115	35.5	28.7	43.1



#38
 1-Methylnaphthalene
 Concen: 35.377 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.11 min
 Lab File: BF110848.D
 Acq: 19 Nov 2018 13:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.7	74.2	111.4
116	3.6	2.6	4.0

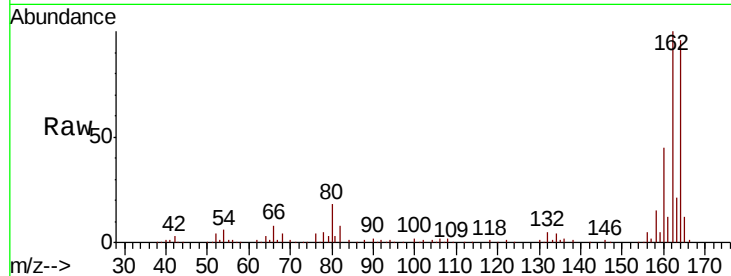




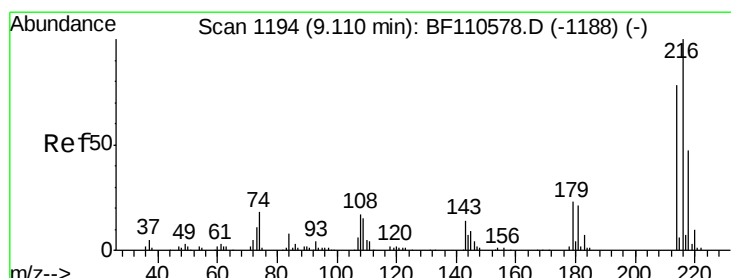
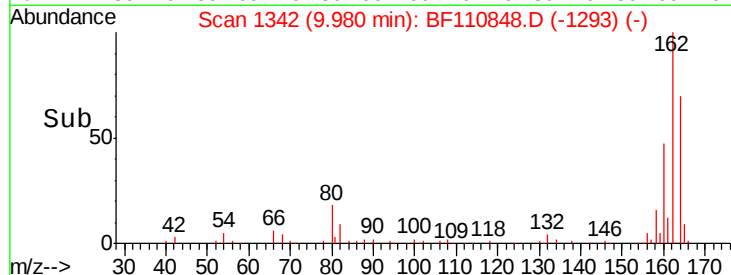
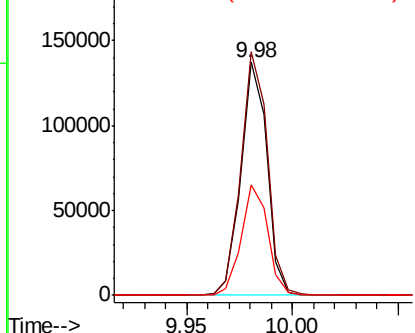
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 117390
Ion Ratio Lower Upper
164 100
162 104.5 83.0 124.6
160 47.4 37.0 55.6

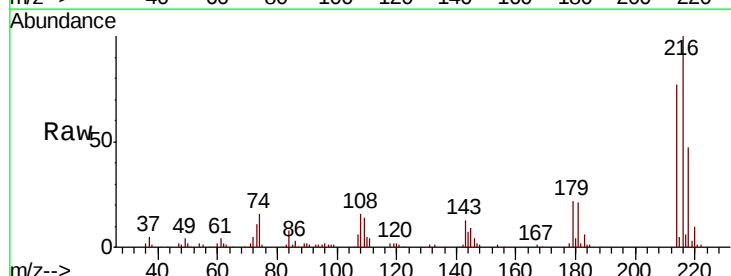


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

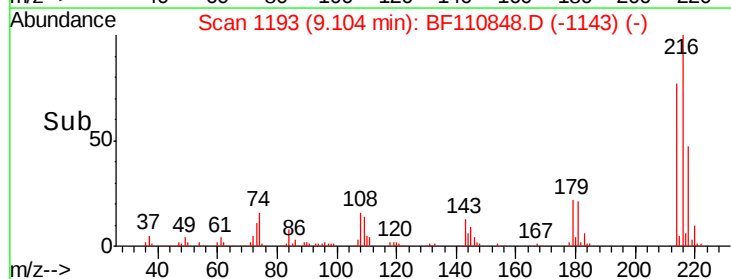
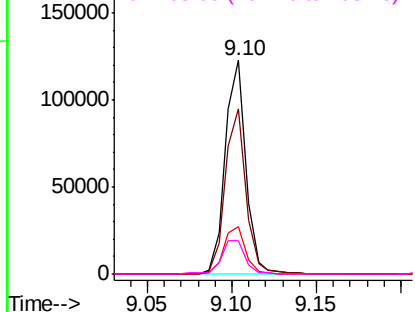


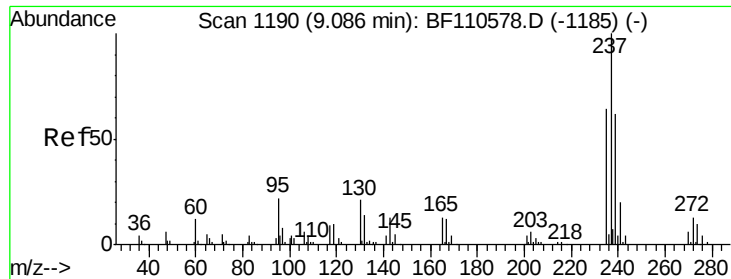
#40
1,2,4,5-Tetrachlorobenzene
Concen: 28.122 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion:216 Resp: 104498
Ion Ratio Lower Upper
216 100
214 77.3 63.8 95.6
179 22.7 16.6 25.0
108 18.2 15.1 22.7



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





#41

Hexachlorocyclopentadiene

Concen: 12.551 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Instrument :

BNA_F

ClientSampleId :

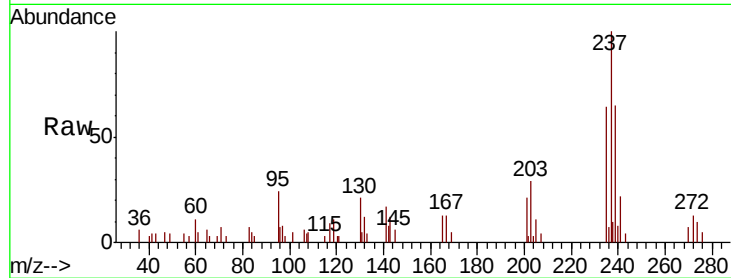
Tot Ion:237 Resp: 7890

Ion Ratio Lower Upper

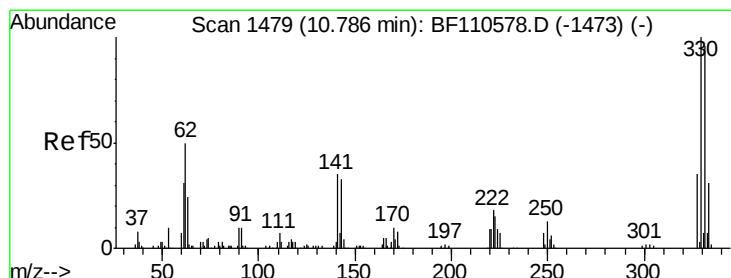
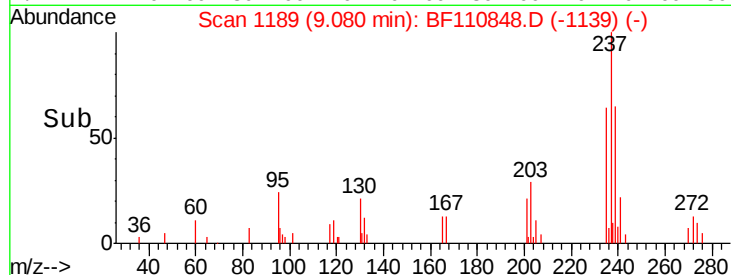
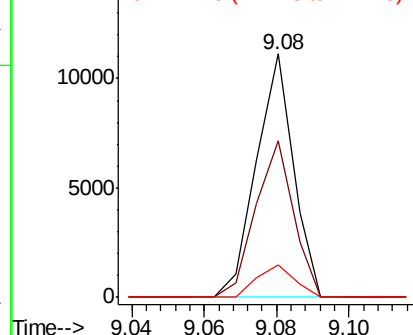
237 100

235 64.3 43.1 83.1

272 13.4 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: 90.062 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

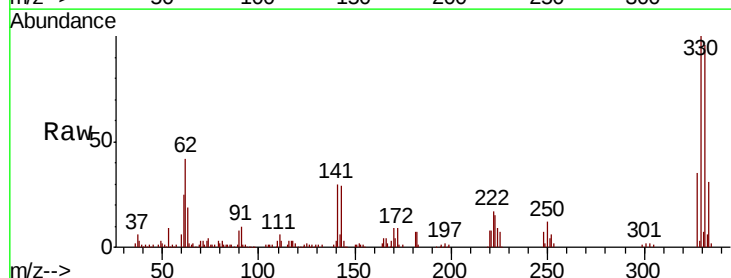
Tgt Ion:330 Resp: 106530

Ion Ratio Lower Upper

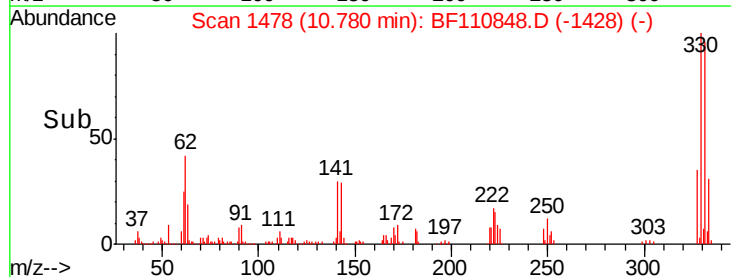
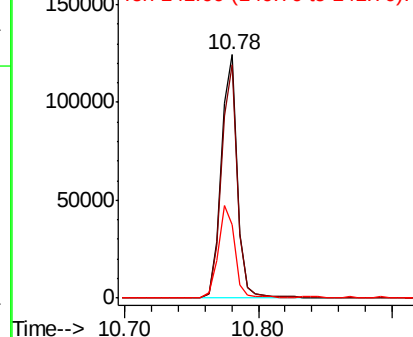
330 100

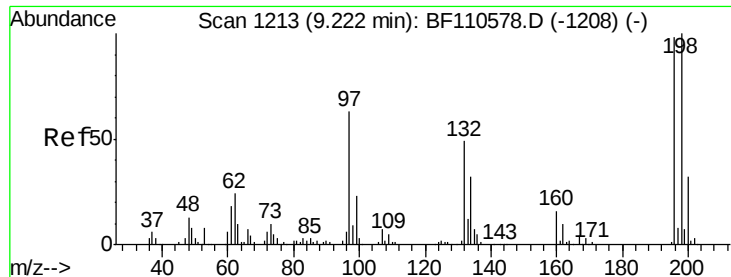
332 95.4 77.1 115.7

141 39.5 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

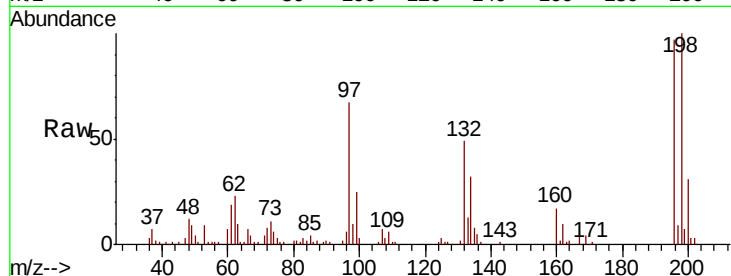




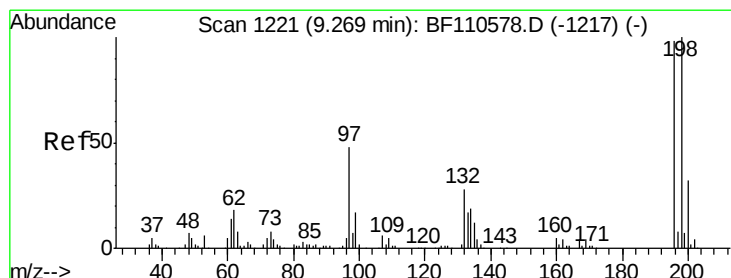
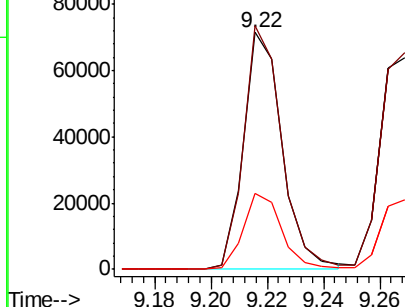
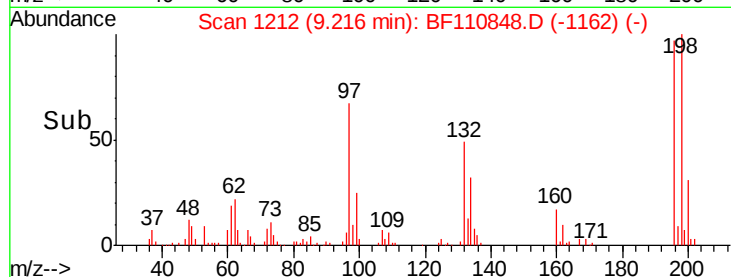
#43
 2,4,6-Trichlorophenol
 Concen: 29.160 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF110848.D
 Acq: 19 Nov 2018 13:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 68090
 Ion Ratio Lower Upper
 196 100
 198 102.7 76.2 114.4
 200 32.3 24.4 36.6

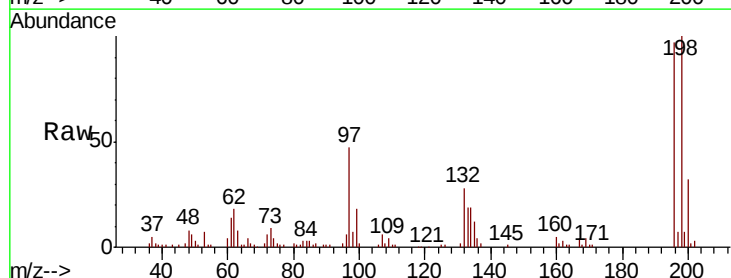


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

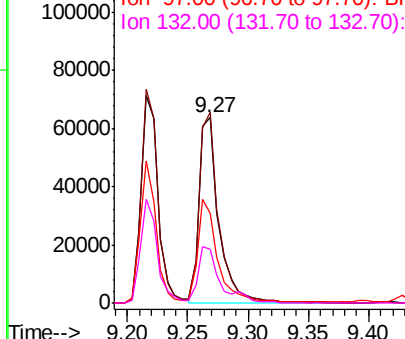
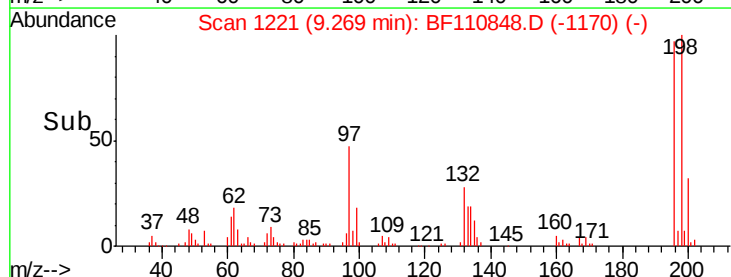


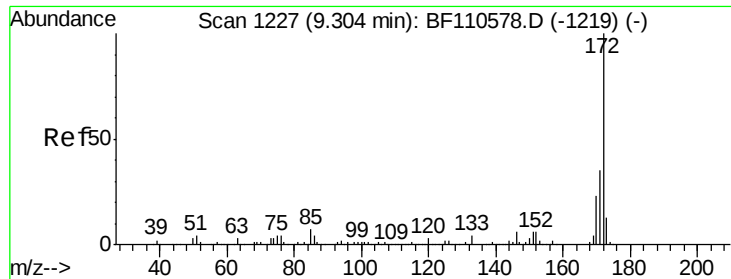
#44
 2,4,5-Trichlorophenol
 Concen: 29.472 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF110848.D
 Acq: 19 Nov 2018 13:04

Tgt Ion:196 Resp: 73409
 Ion Ratio Lower Upper
 196 100
 198 102.7 75.8 113.6
 97 48.6 42.4 63.6
 132 29.2 22.8 34.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

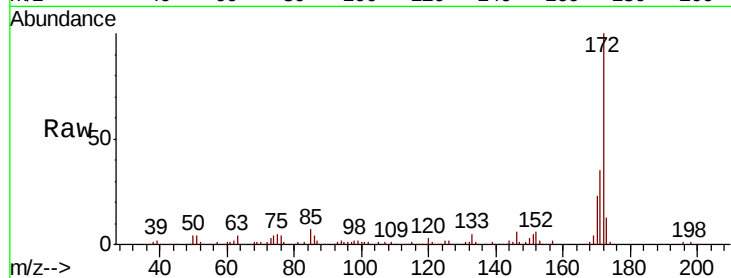




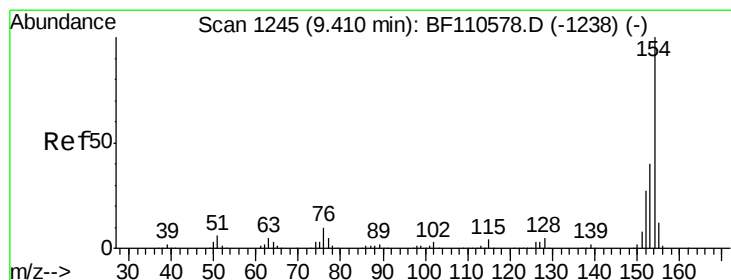
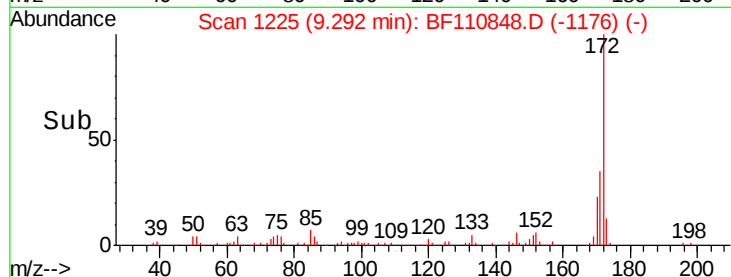
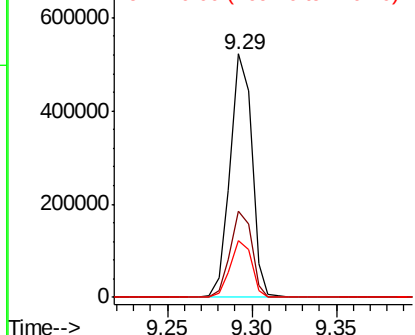
#45
2-Fluorobiphenyl
Concen: 56.898 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 467676
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.4 19.7 29.5

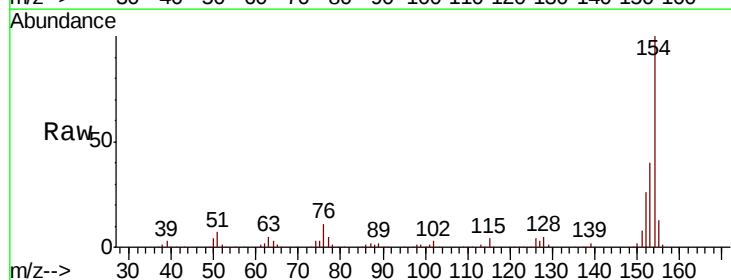


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

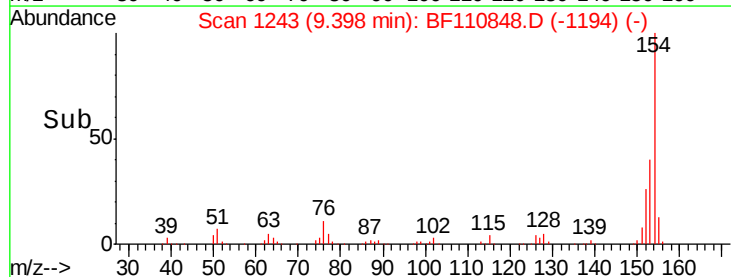
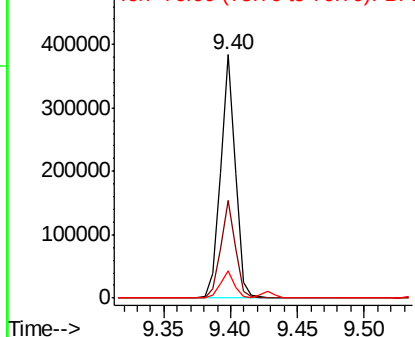


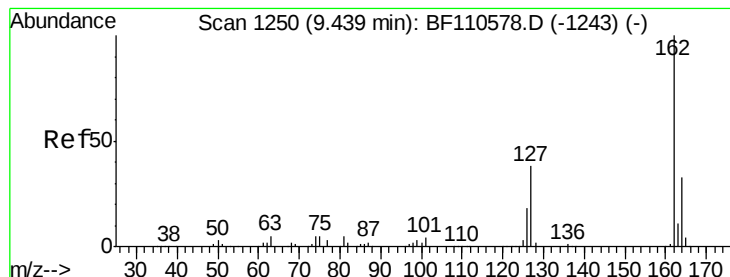
#46
1,1'-Biphenyl
Concen: 27.543 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion:154 Resp: 301621
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.1 0.0 31.9



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





#47

2-Chloronaphthalene

Concen: 28.130 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Instrument :

BNA_F

ClientSampleId :

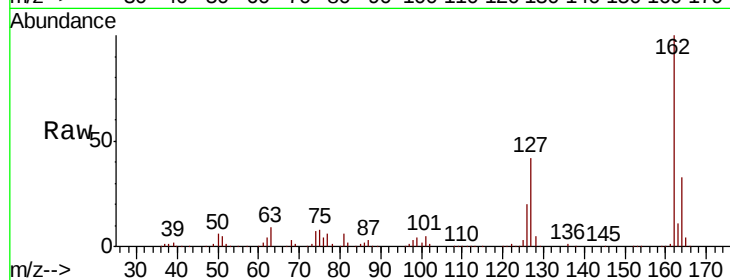
Tot Ion:162 Resp: 221926

Ion Ratio Lower Upper

162 100

127 41.9 32.6 48.8

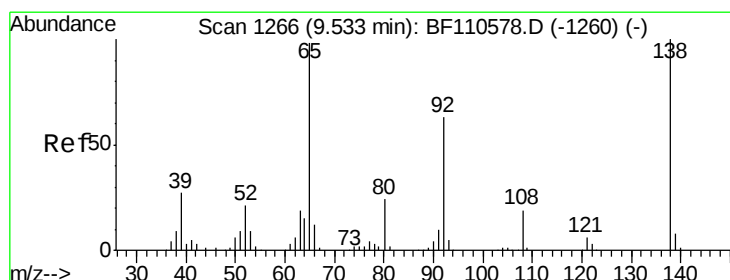
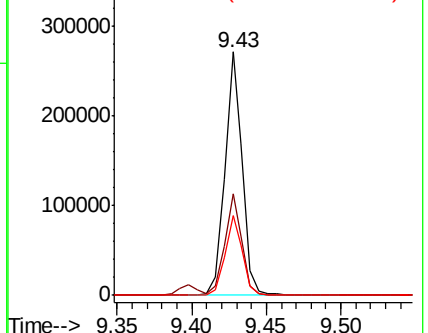
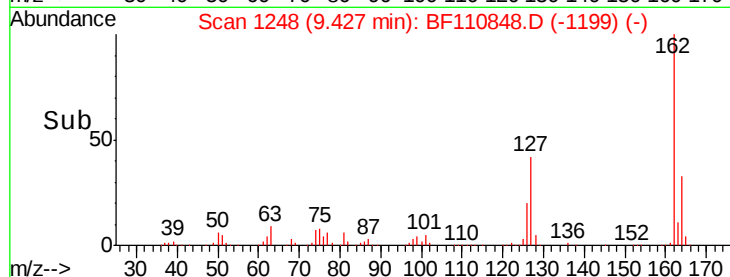
164 32.8 25.9 38.9



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: 30.133 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

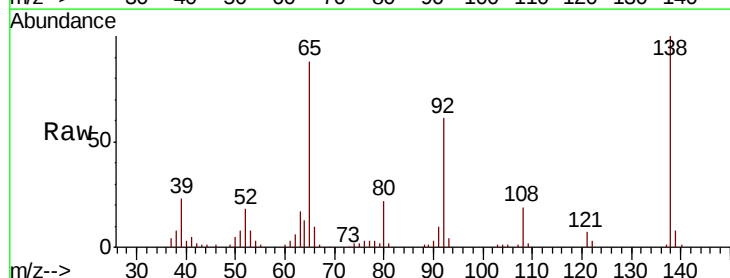
Tgt Ion: 65 Resp: 73258

Ion Ratio Lower Upper

65 100

92 69.8 54.6 81.8

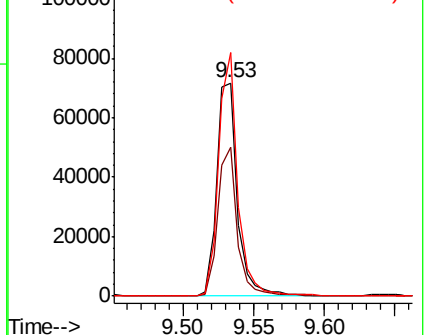
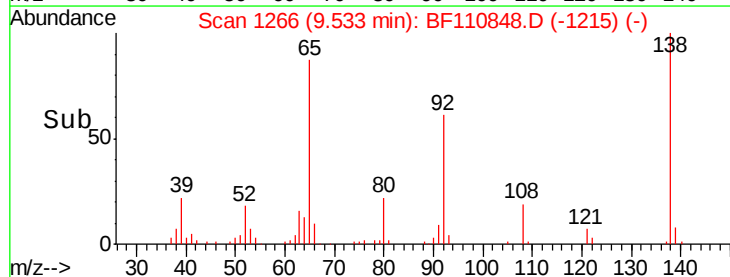
138 114.2 80.3 120.5

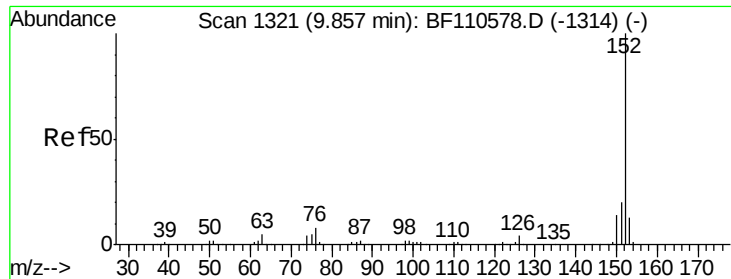


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 31.882 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

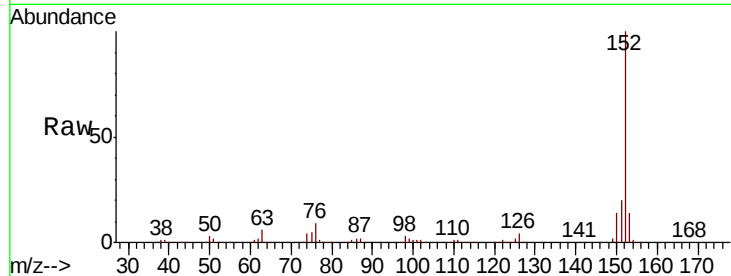
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 362237

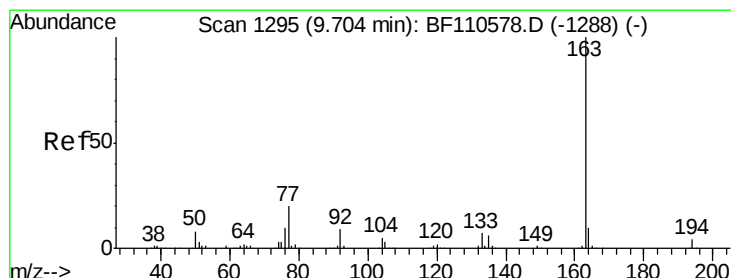
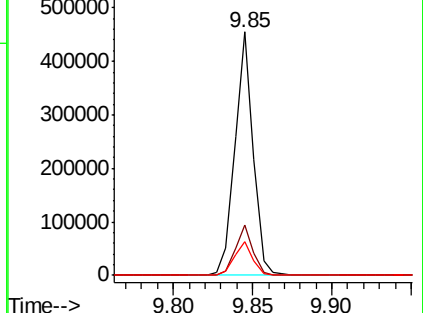
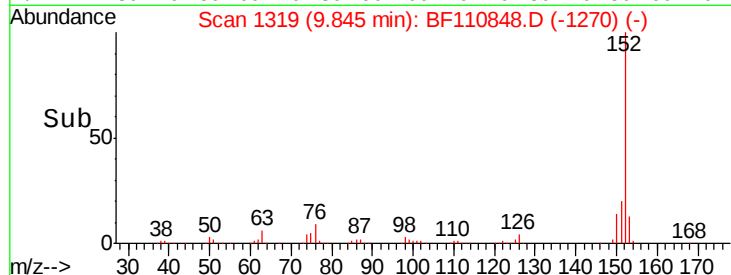
Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.7	10.4	15.6



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: 37.138 ng

RT: 9.69 min Scan# 1293

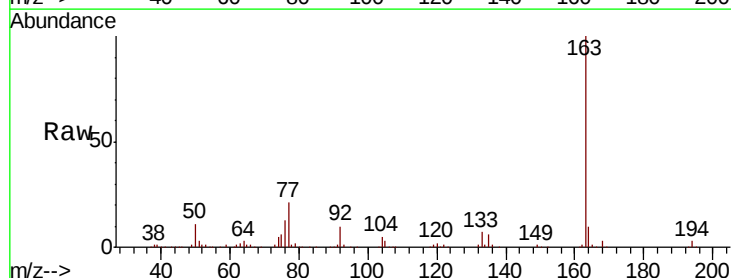
Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Tgt Ion:163 Resp: 325306

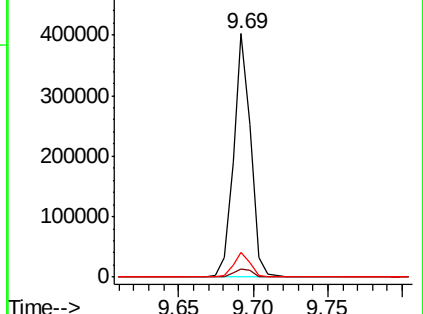
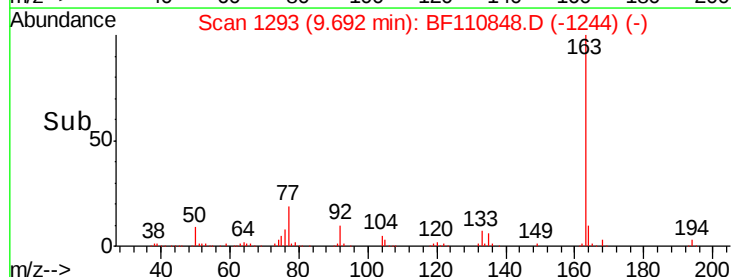
Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.2	4.8
164	9.9	8.1	12.1

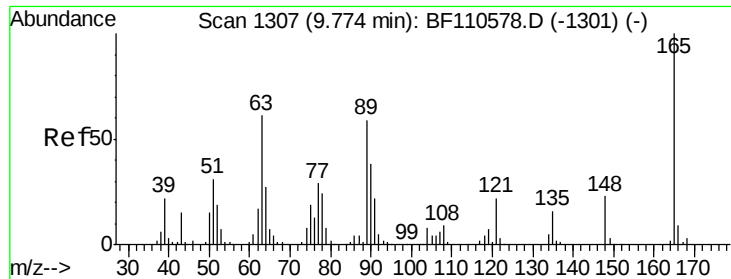


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 29.113 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Instrument :

BNA_F

ClientSampleId :

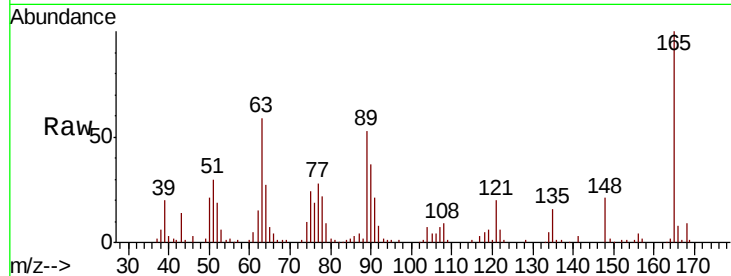
Tot Ion:165 Resp: 56098

Ion Ratio Lower Upper

165 100

63 58.7 48.9 73.3

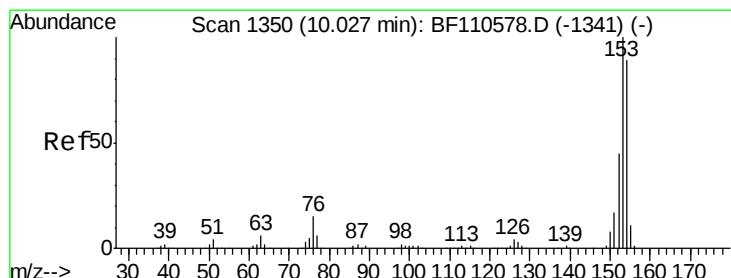
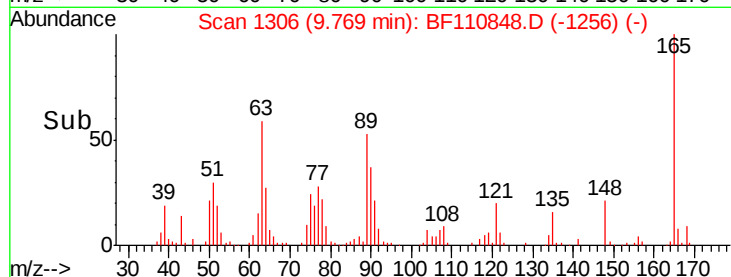
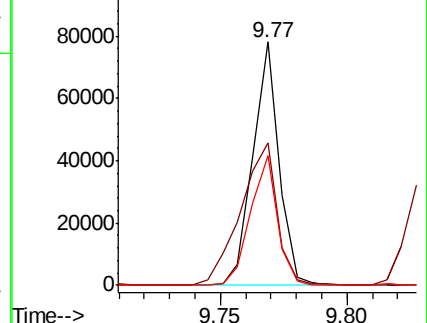
89 53.1 46.6 69.8



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: 33.479 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

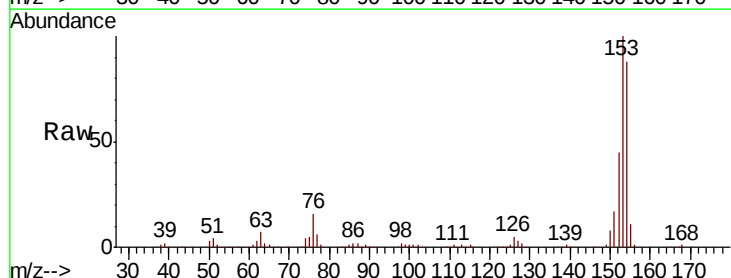
Tgt Ion:154 Resp: 240384

Ion Ratio Lower Upper

154 100

153 113.3 90.1 135.1

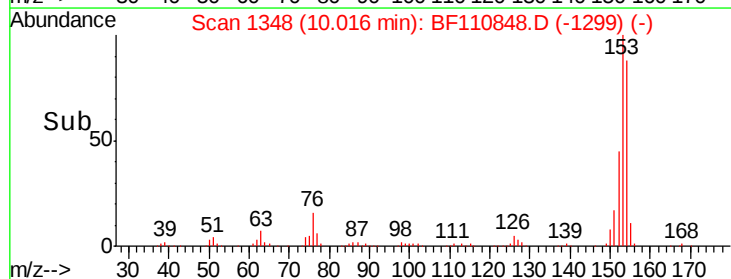
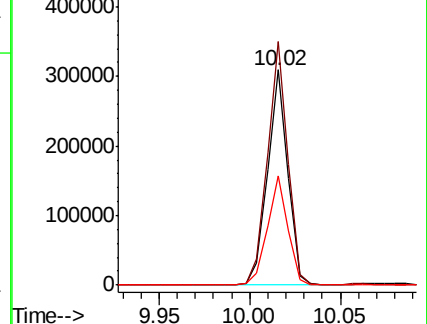
152 50.9 43.4 65.2

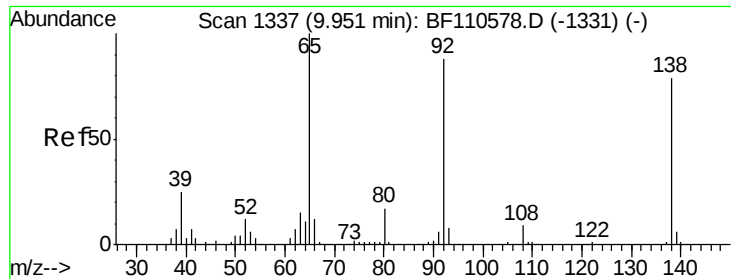


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

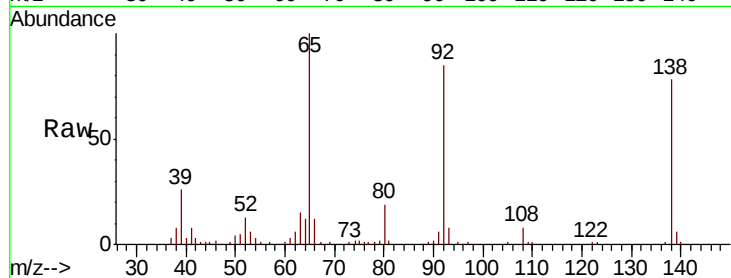




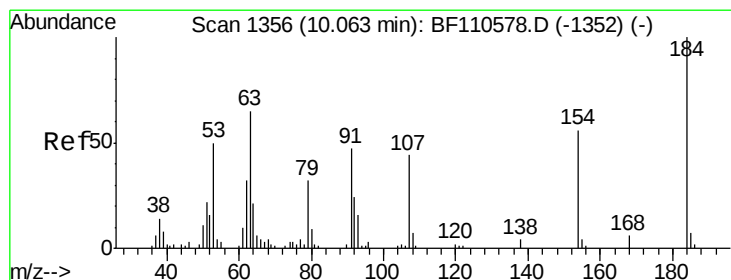
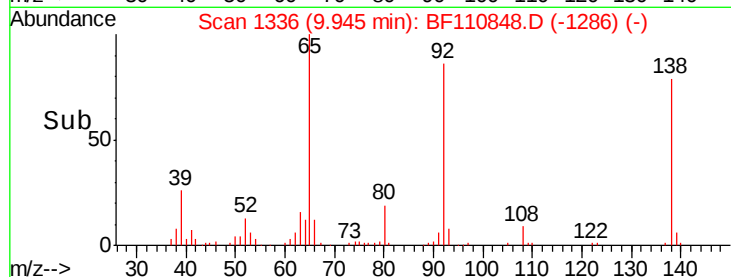
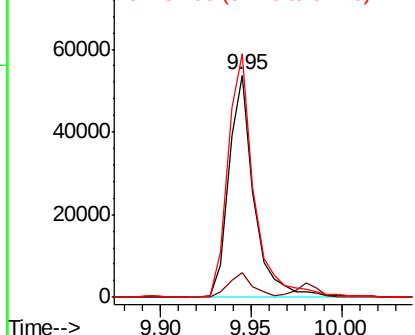
#53
3-Nitroaniline
Concen: 23.223 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 51842
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 109.4 97.0 145.4

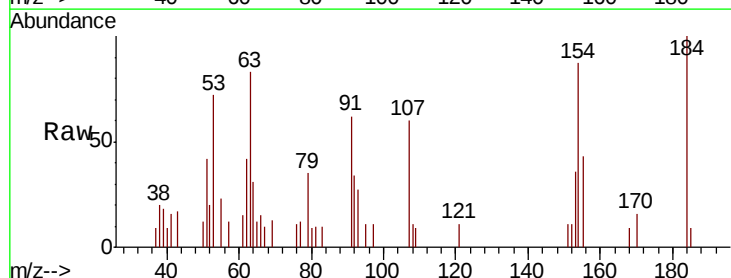


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

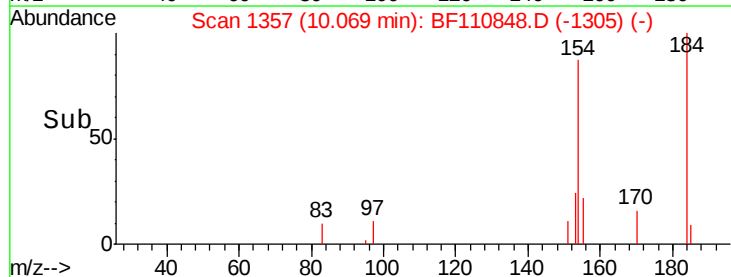
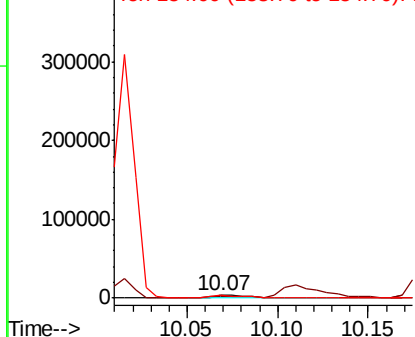


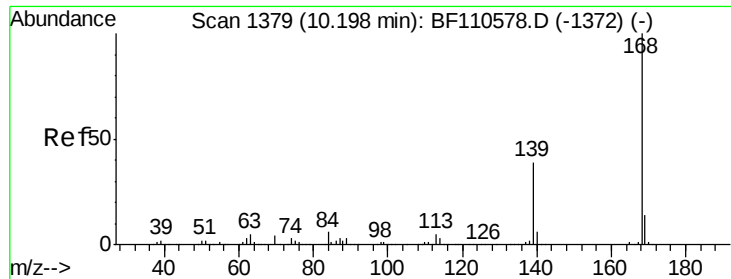
#54
2,4-Dinitrophenol
Concen: 11.501 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion:184 Resp: 5545
Ion Ratio Lower Upper
184 100
63 82.6 55.8 83.6
154 86.8 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

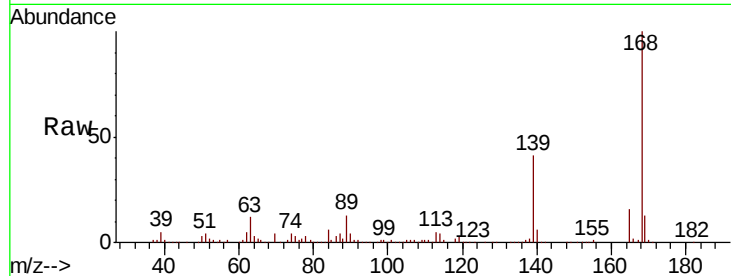




#55
Dibenzofuran
Concen: 31.284 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
139	40.9	33.0	49.6	
169	13.5	11.3	16.9	

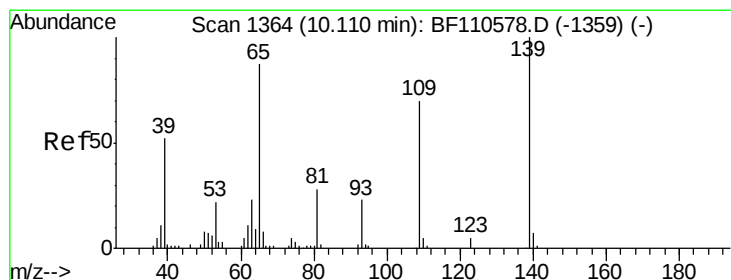
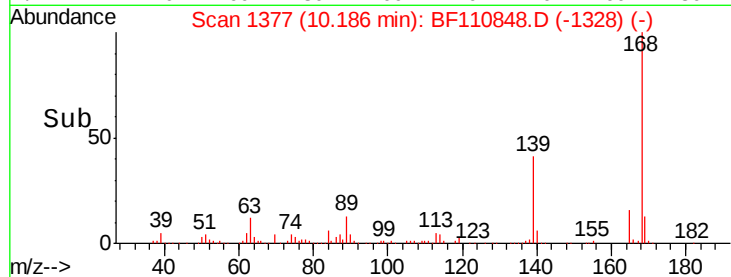
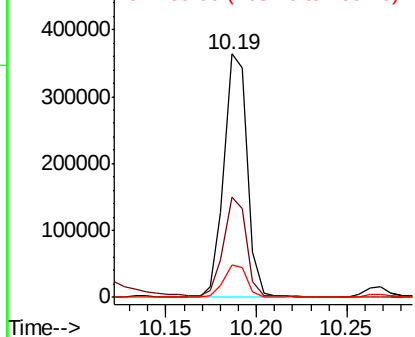


Abundance

Ion 168.00 (167.70 to 168.70): E

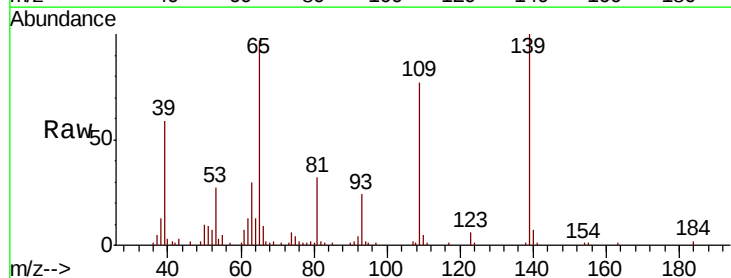
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 51.584 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion	Ion	Ratio	Lower	Upper
139	100			
109	76.8	55.8	95.8	
65	96.7	77.9	117.9	

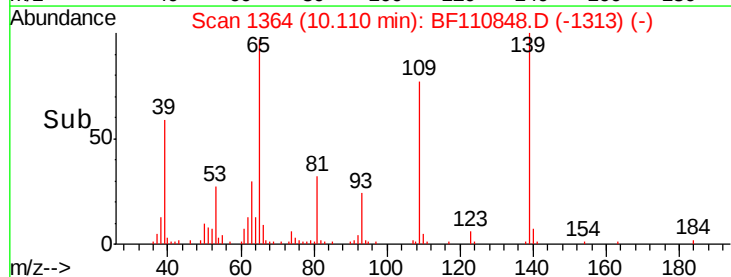
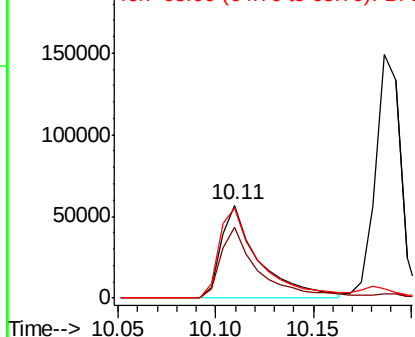


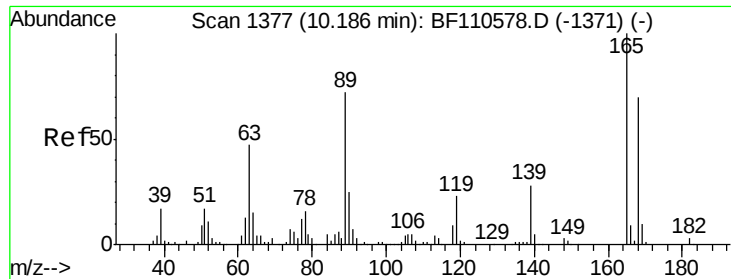
Abundance

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

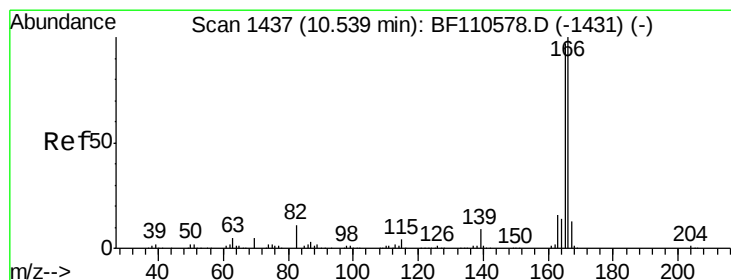
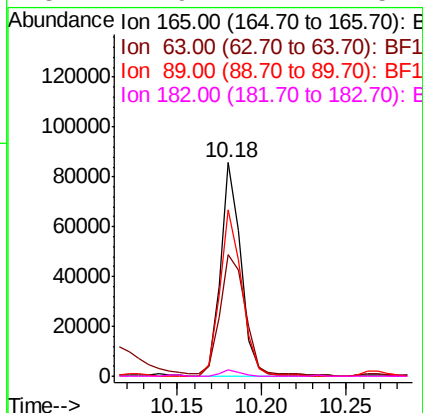
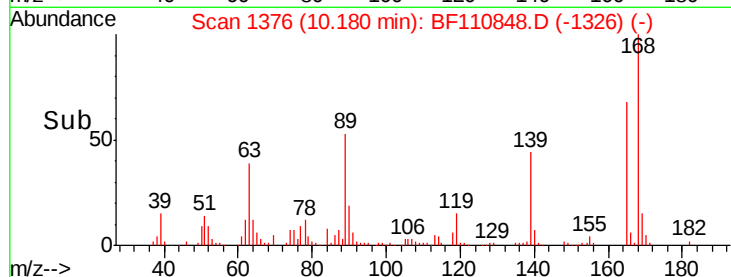
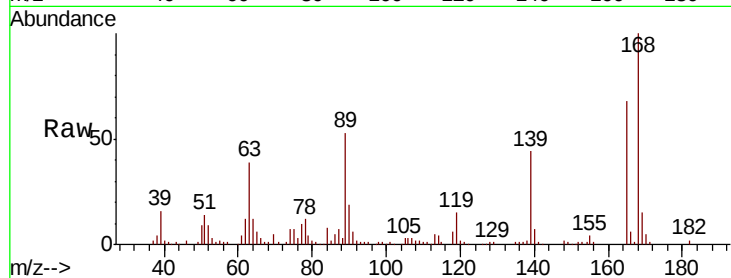




#57
2,4-Dinitrotoluene
Concen: 29.167 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

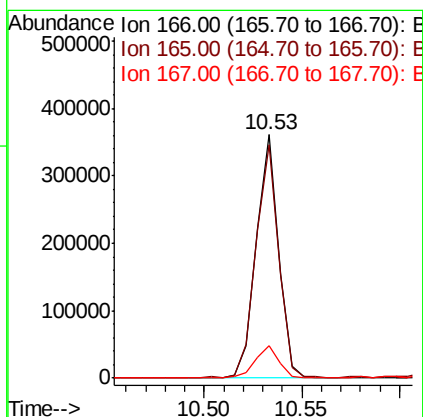
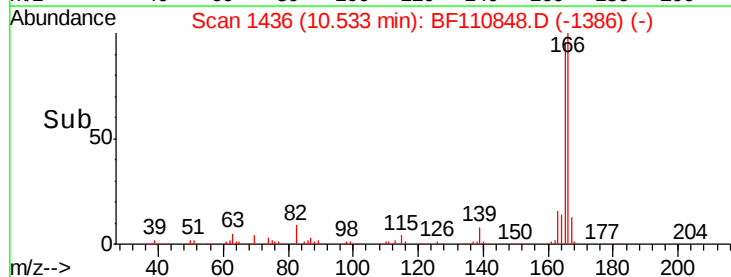
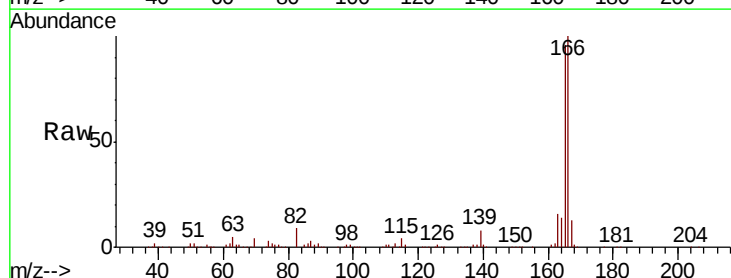
Instrument :
BNA_F
ClientSampleId :

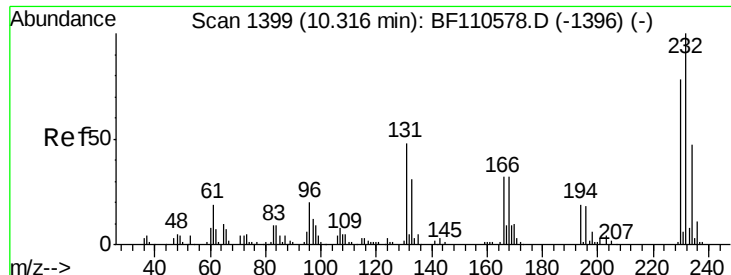
Tot Ion:165 Resp: 73073
Ion Ratio Lower Upper
165 100
63 57.0 44.8 67.2
89 77.9 62.2 93.4
182 2.9 2.1 3.1



#58
Fluorene
Concen: 35.750 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion:166 Resp: 288467
Ion Ratio Lower Upper
166 100
165 95.9 78.6 117.8
167 13.1 10.8 16.2

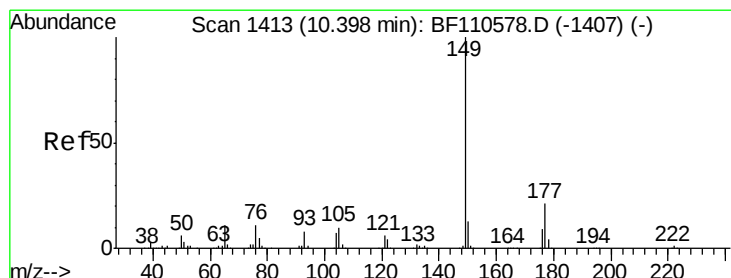
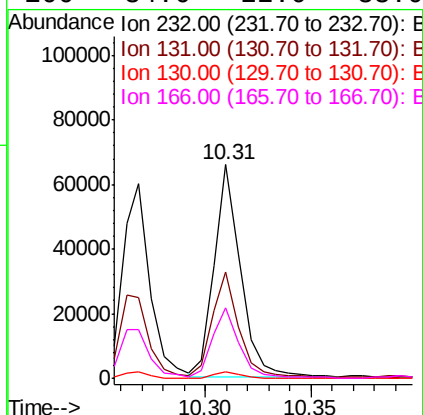
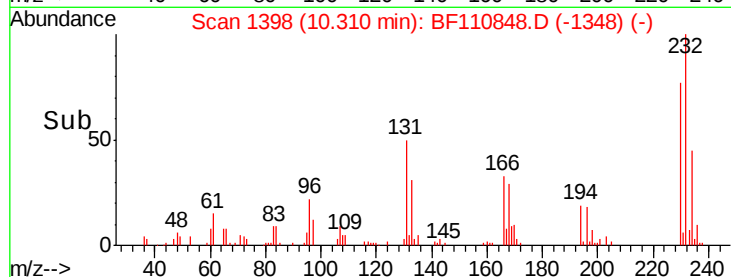
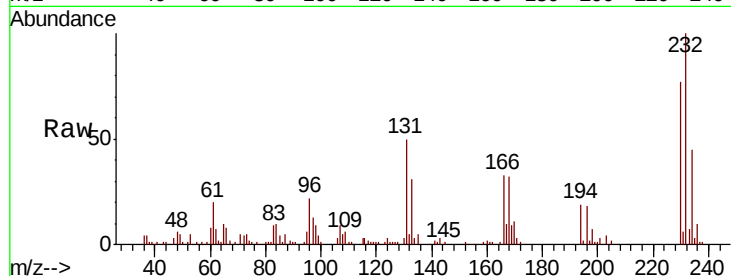




#59
2,3,4,6-Tetrachlorophenol
Concen: 29.350 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

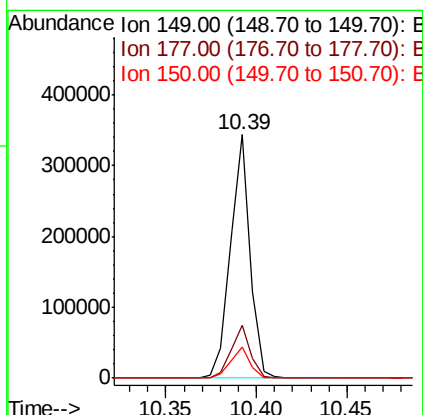
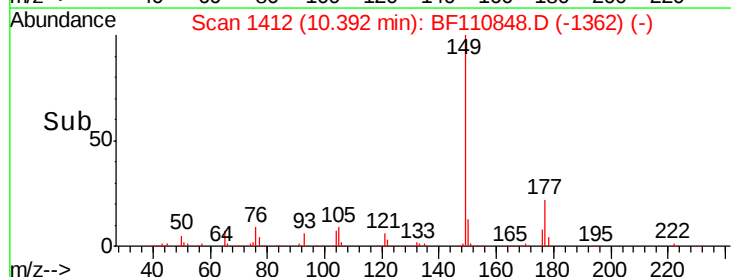
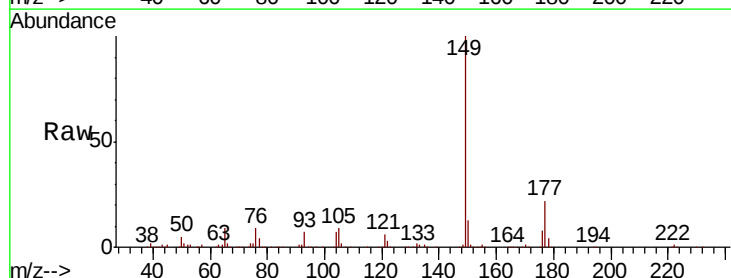
Instrument :
BNA_F
ClientSampled :

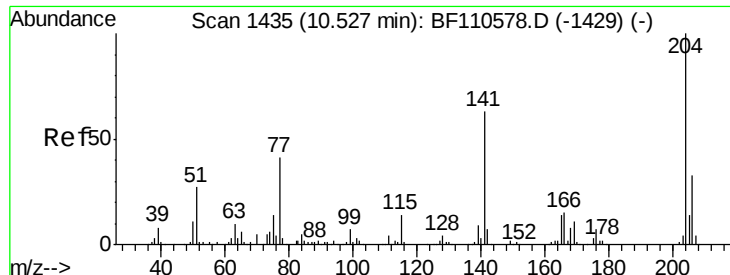
Tot Ion:232 Resp: 57509
Ion Ratio Lower Upper
232 100
131 52.1 37.0 55.4
130 2.7 1.8 2.6#
166 34.6 22.0 33.0#



#60
Diethylphthalate
Concen: 29.849 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion:149 Resp: 258667
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.2
150 12.7 9.8 14.8

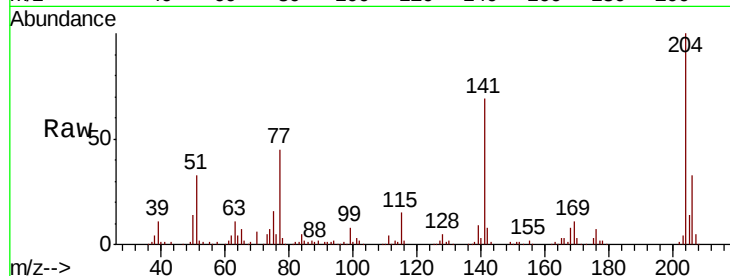




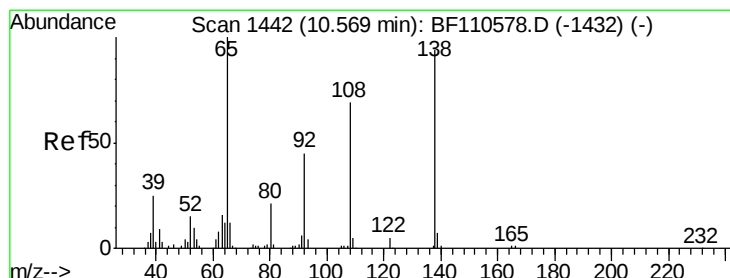
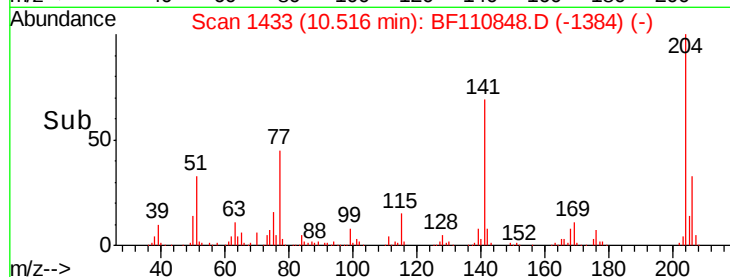
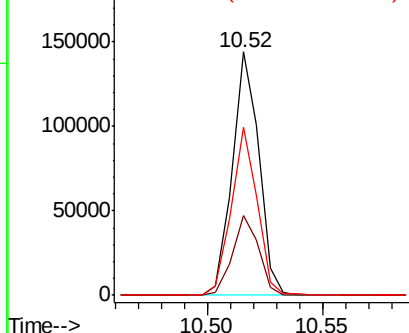
#61
4-Chlorophenyl-phenylether
Concen: 27.634 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 115452
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 68.9 51.8 77.8

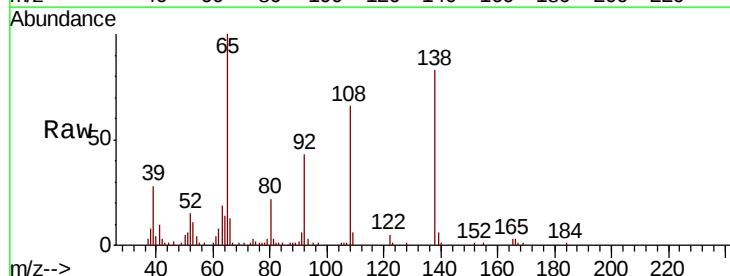


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

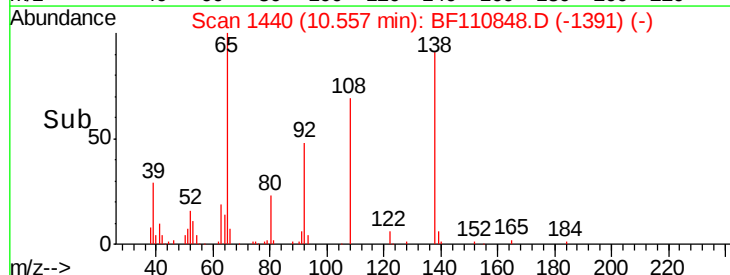
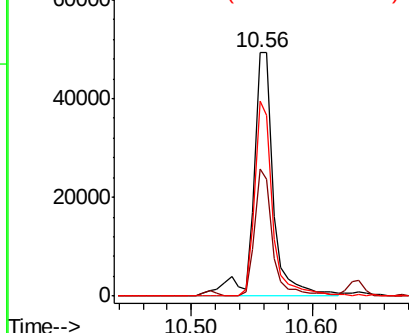


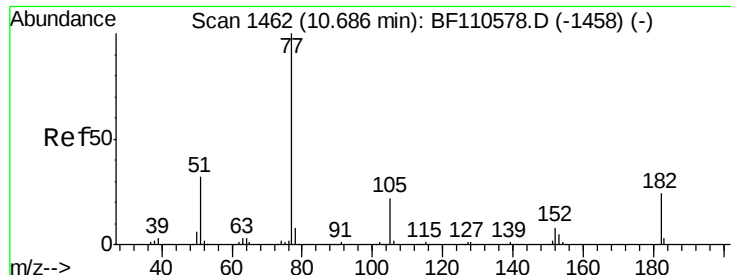
#62
4-Nitroaniline
Concen: 25.401 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion:138 Resp: 57100
Ion Ratio Lower Upper
138 100
92 52.3 31.7 71.7
108 80.0 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

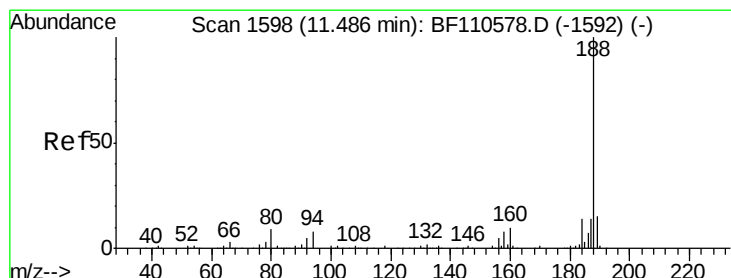
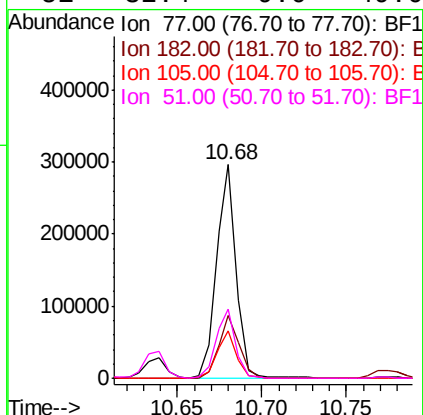
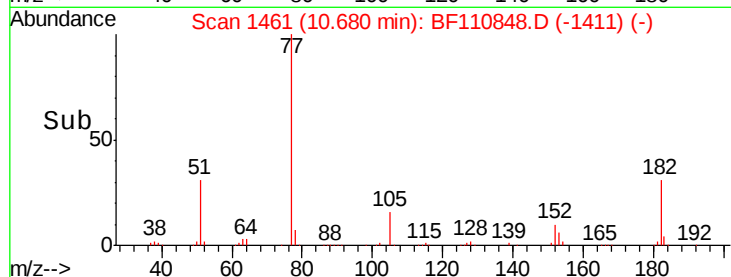
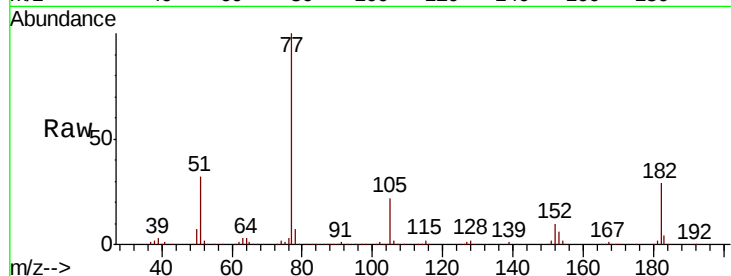




#63
Azobenzene
Concen: 27.900 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

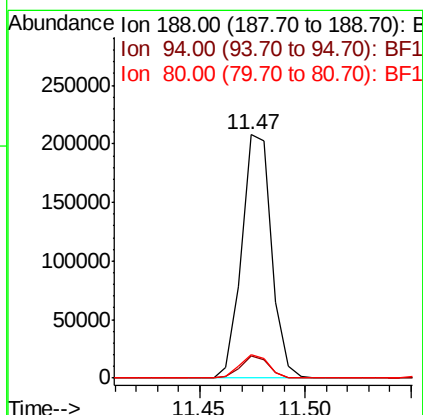
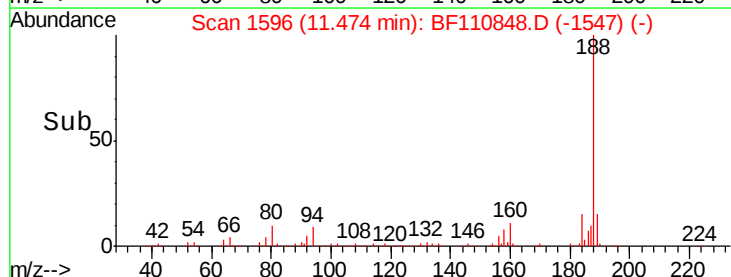
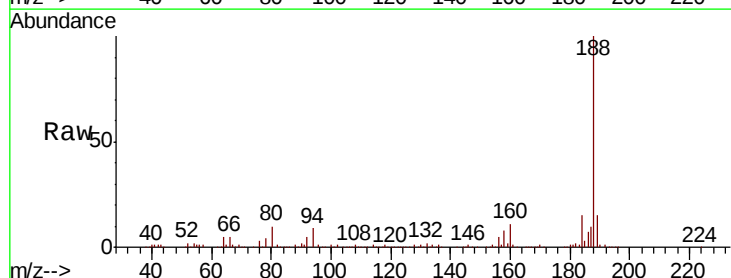
Instrument :
BNA_F
ClientSampleId :

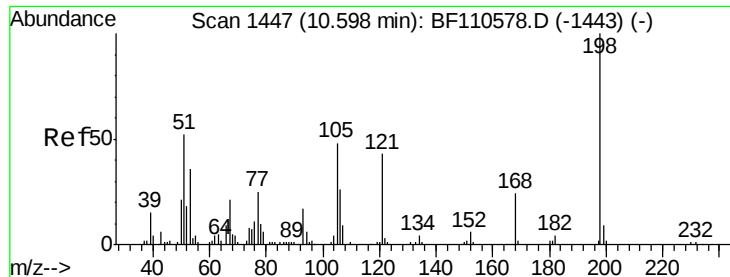
Tot Ion:	77	Resp:	235888
Ion	Ratio	Lower	Upper
77	100		
182	29.5	4.3	44.3
105	22.4	1.3	41.3
51	32.4	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion:	188	Resp:	203043
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.9	7.9	11.9

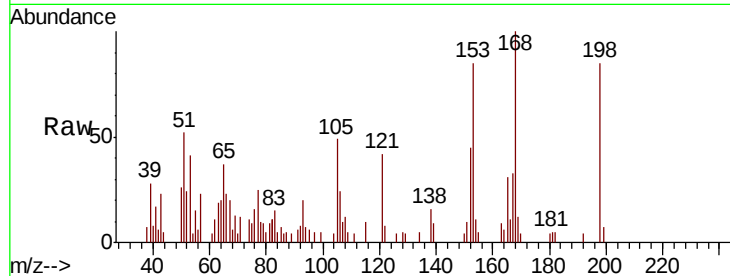




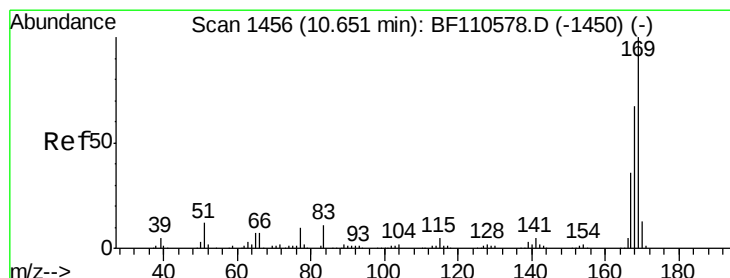
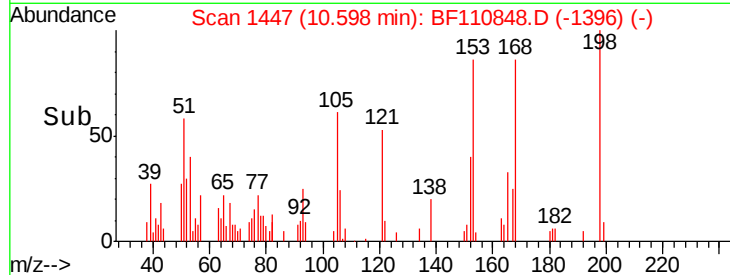
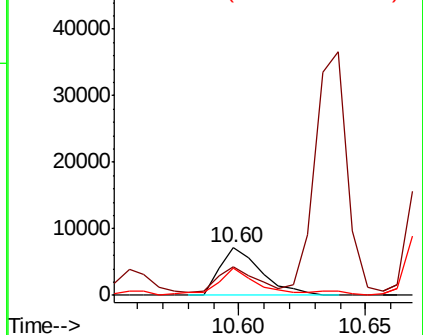
#65
4,6-Dinitro-2-methylphenol
Concen: 7.904 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	198	Resp	8088
Ion Ratio	100	Lower	Upper
51	60.9	22.8	62.8
105	57.8	23.6	63.6

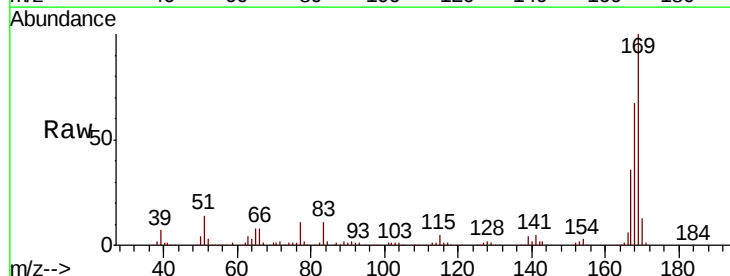


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

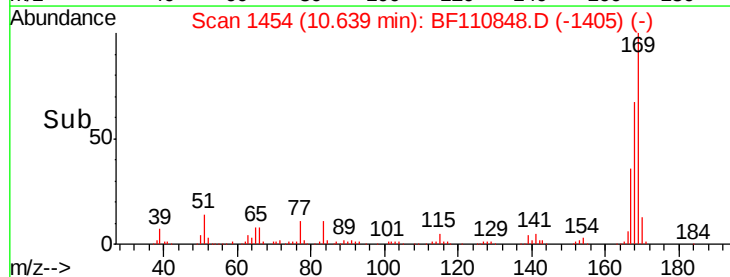
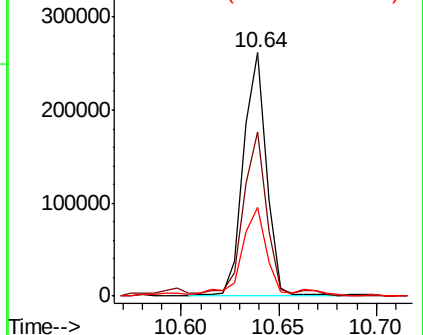


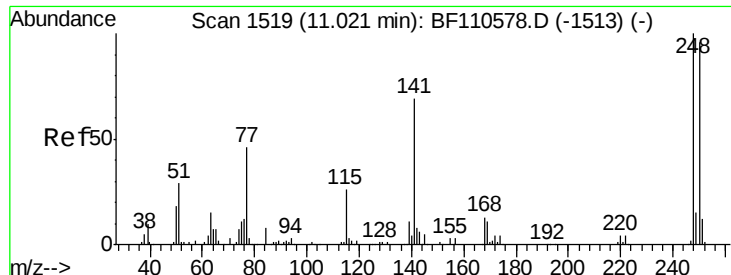
#66
n-Nitrosodiphenylamine
Concen: 31.169 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion	169	Resp	213318
Ion Ratio	100	Lower	Upper
168	67.4	51.2	76.8
167	36.4	27.8	41.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

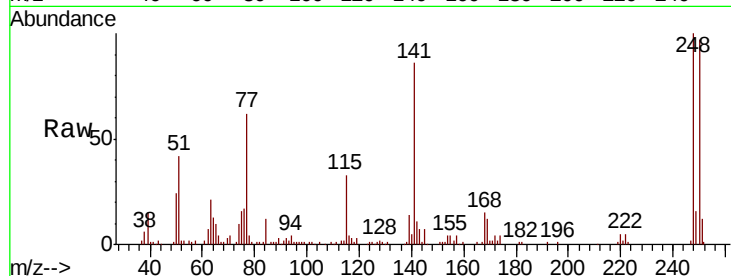




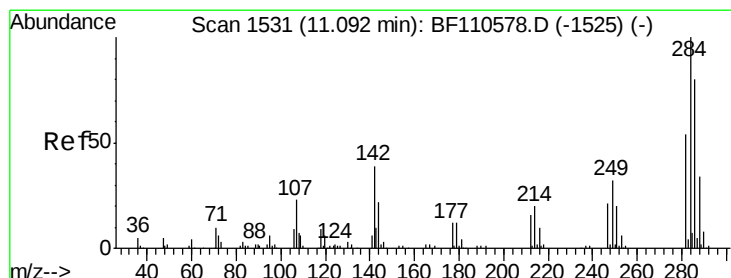
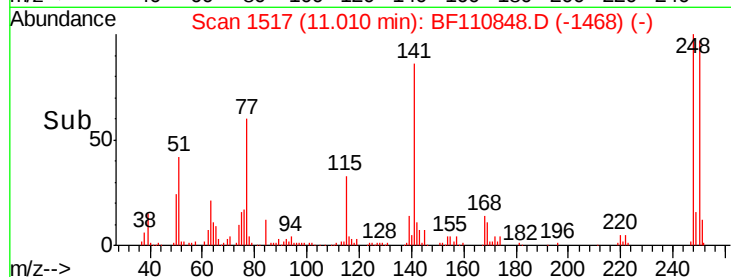
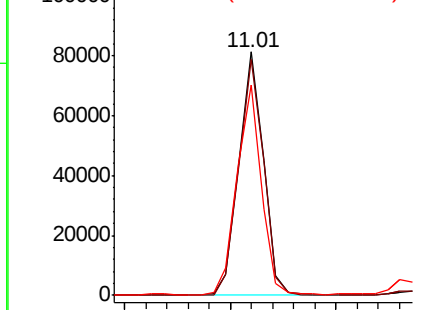
#67
4-Bromophenyl-phenylether
Concen: 28.993 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 65061
Ion Ratio Lower Upper
248 100
250 96.9 79.4 119.2
141 86.2 55.9 83.9#

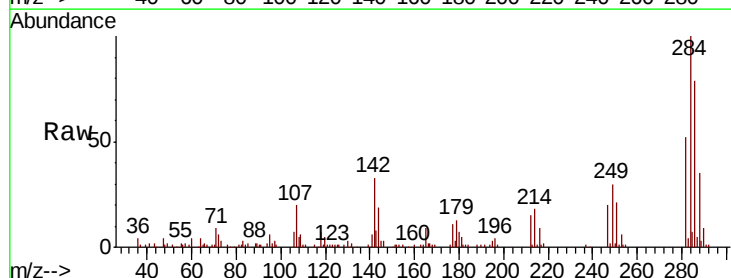


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

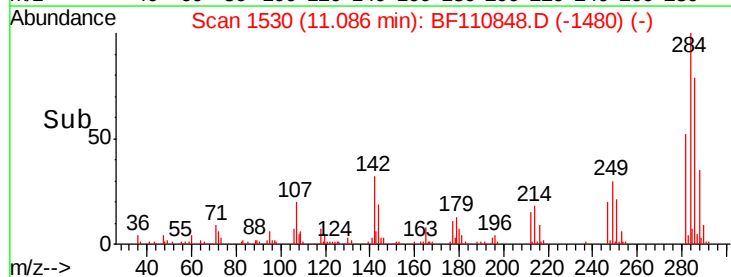
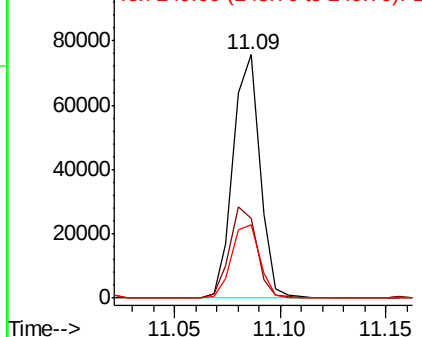


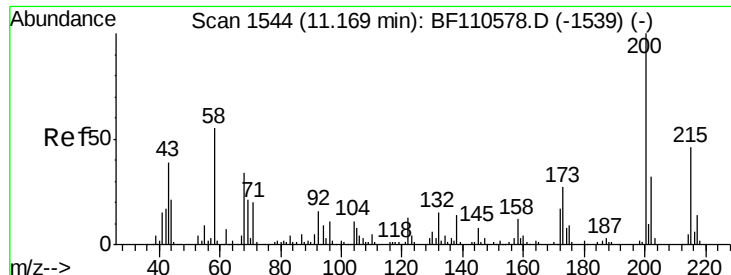
#68
Hexachlorobenzene
Concen: 28.132 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion:284 Resp: 66558
Ion Ratio Lower Upper
284 100
142 32.6 23.9 35.9
249 30.2 24.2 36.2



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

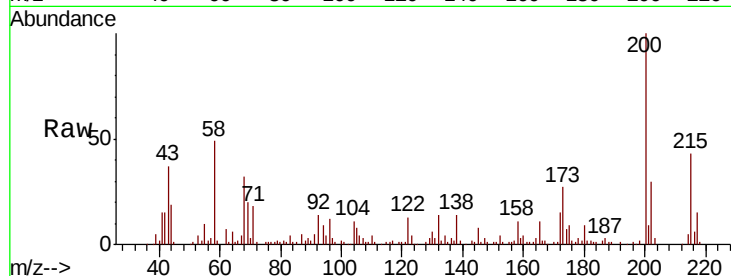




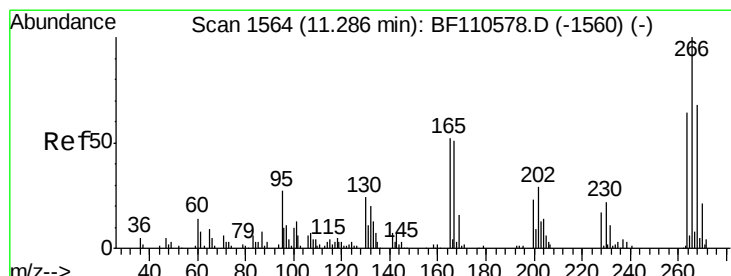
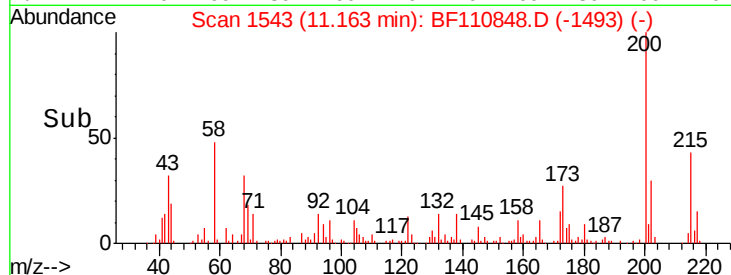
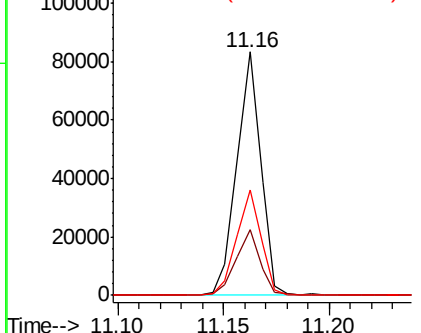
#69
Atrazine
Concen: 31.233 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 65358
Ion Ratio Lower Upper
200 100
173 26.8 6.6 46.6
215 43.4 26.3 66.3

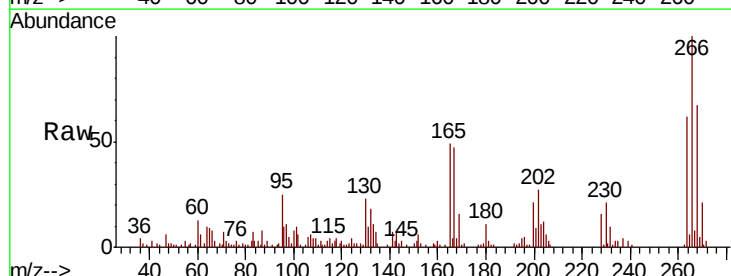


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

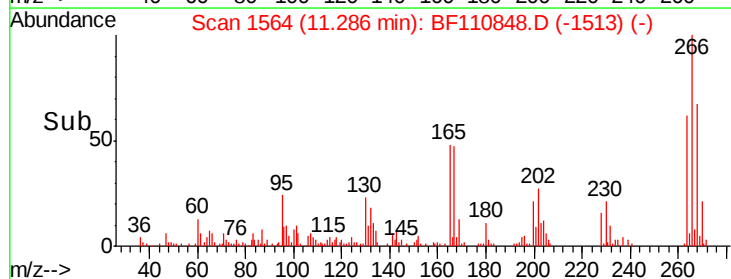
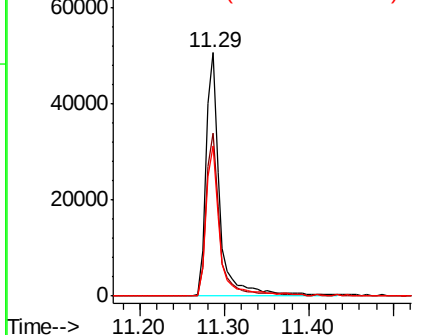


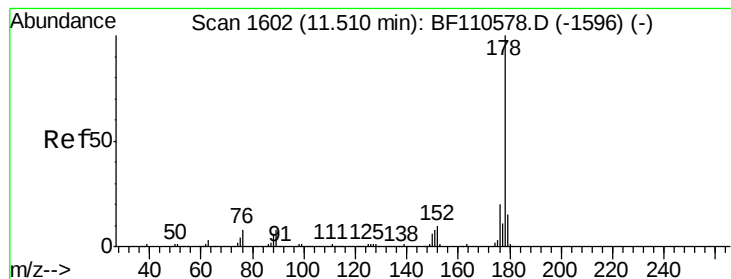
#70
Pentachlorophenol
Concen: 45.558 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion:266 Resp: 57514
Ion Ratio Lower Upper
266 100
268 66.7 50.6 75.8
264 61.7 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

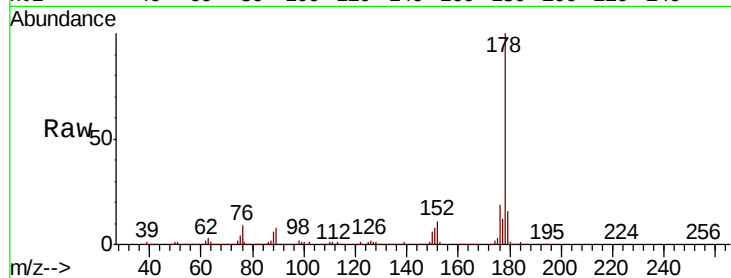




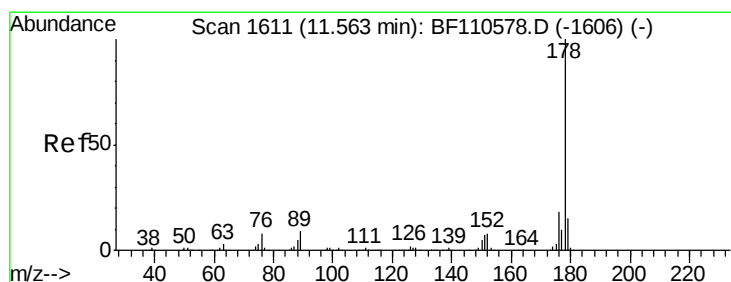
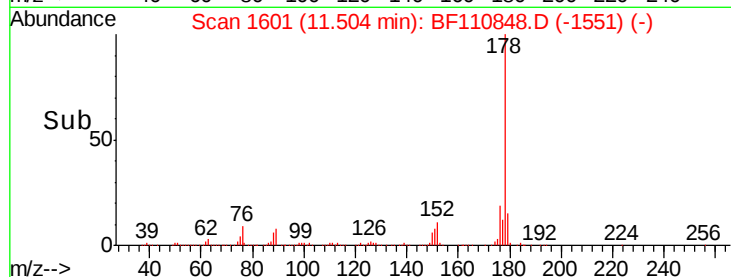
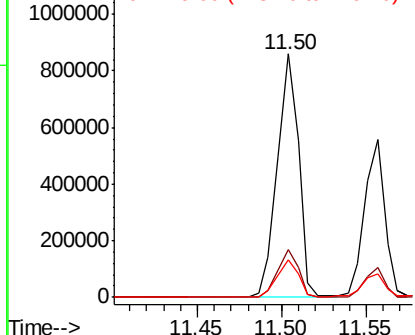
#71
Phenanthrene
Concen: 69.403 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 754962
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.5 18.7

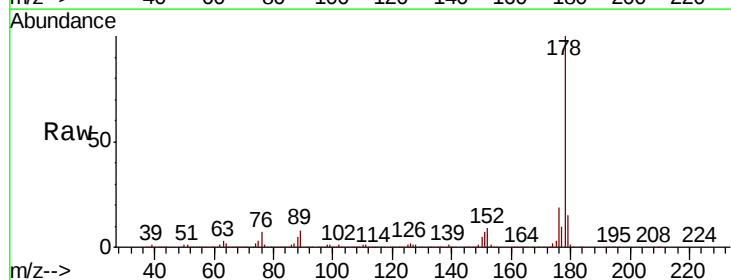


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

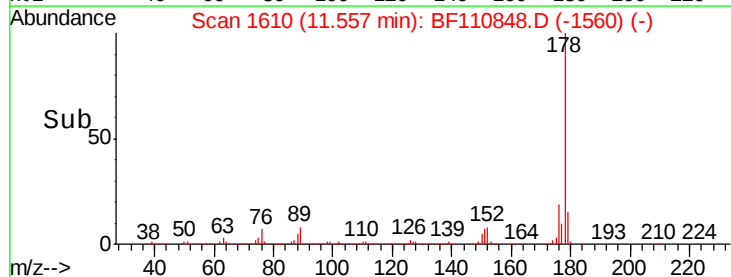
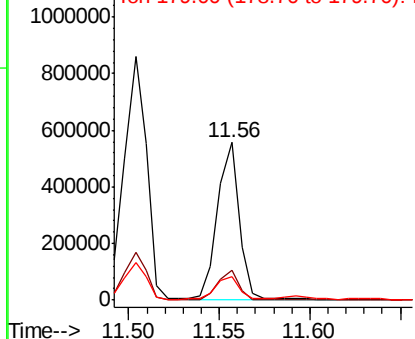


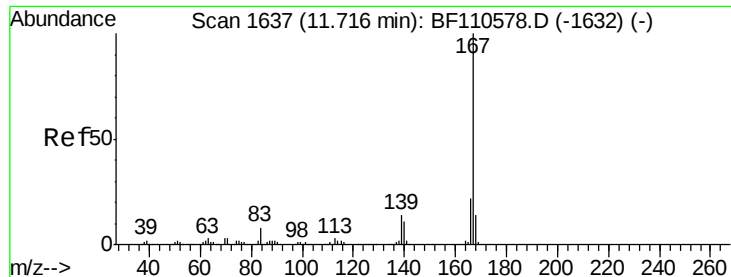
#72
Anthracene
Concen: 42.847 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion:178 Resp: 470173
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.2 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: 29.515 ng

RT: 11.71 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Instrument :

BNA_F

ClientSampleId :

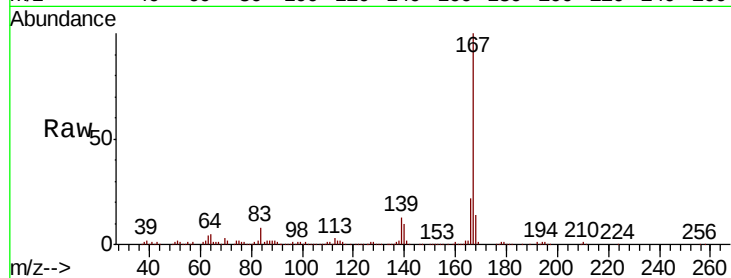
Tot Ion:167 Resp: 311035

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

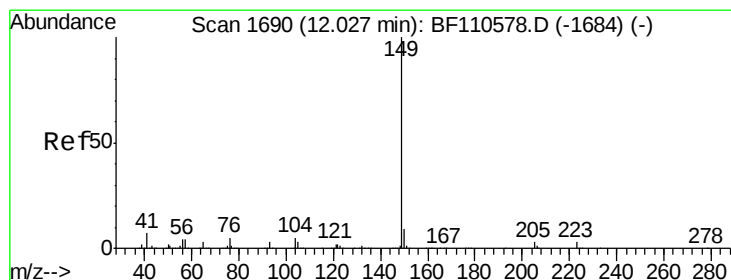
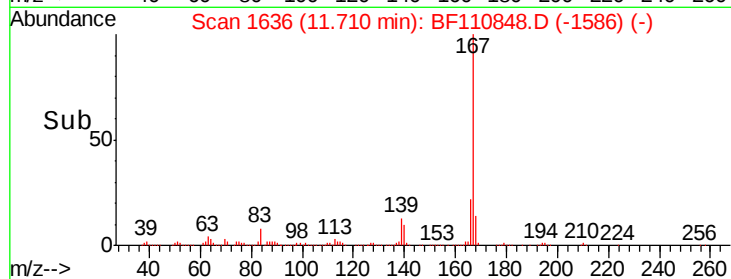
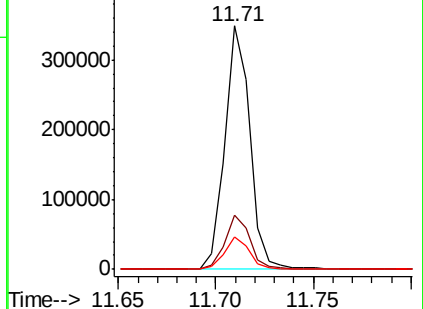
139 13.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 31.139 ng

RT: 12.02 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

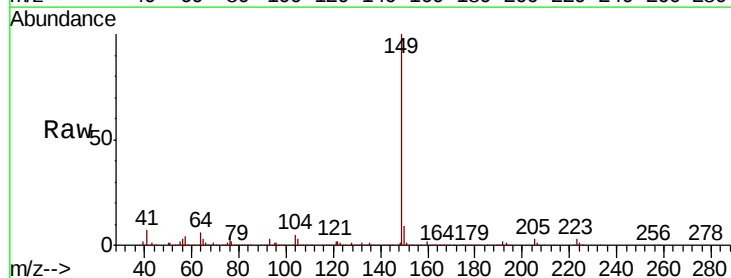
Tgt Ion:149 Resp: 384816

Ion Ratio Lower Upper

149 100

150 8.5 7.7 11.5

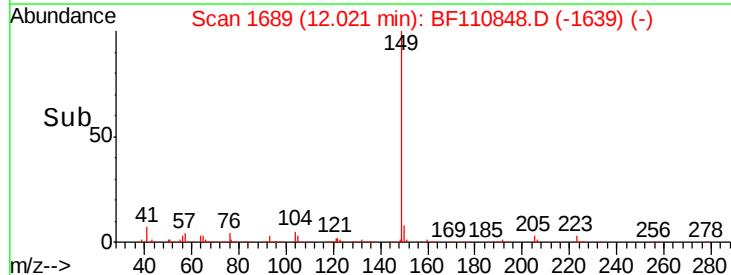
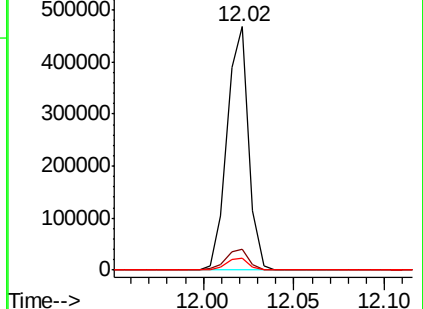
104 4.7 4.2 6.4

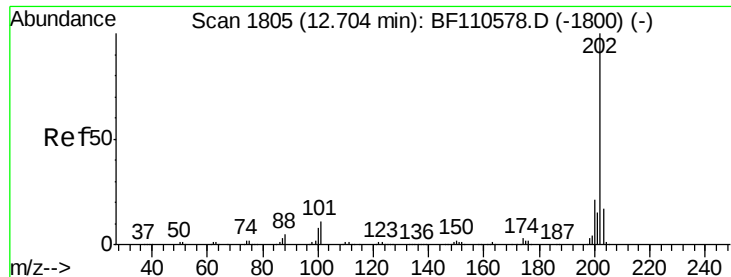


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 78.940 ng

RT: 12.70 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Instrument :

BNA_F

ClientSampled :

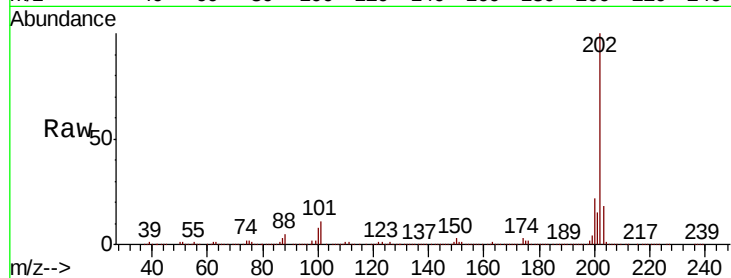
Tot Ion:202 Resp: 860915

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.4

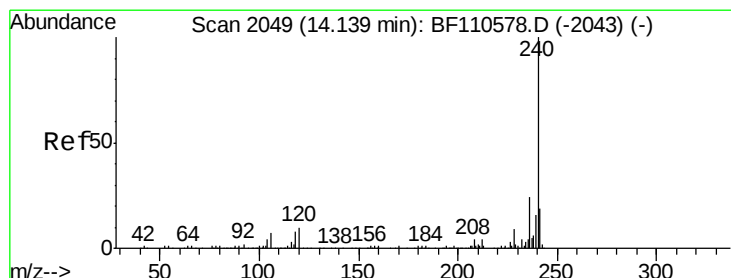
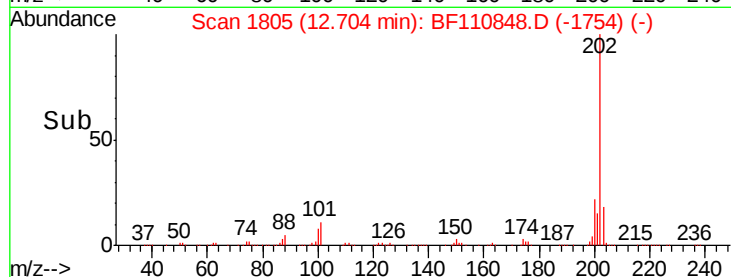
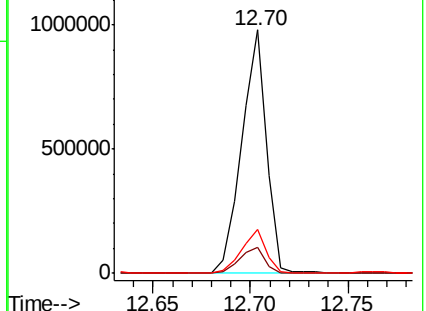
203 17.9 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

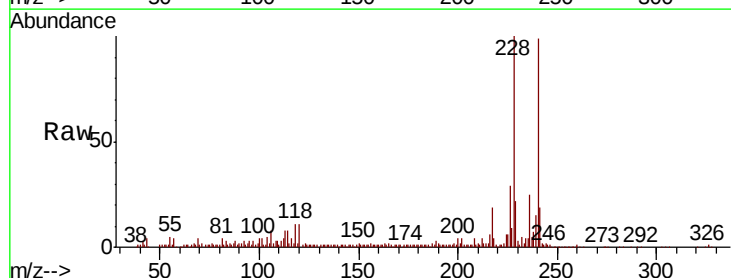
Tgt Ion:240 Resp: 125408

Ion Ratio Lower Upper

240 100

120 11.6 8.3 12.5

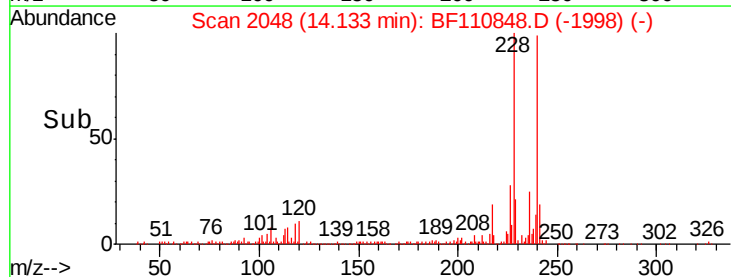
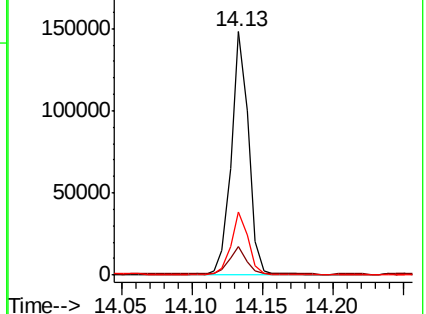
236 25.7 21.2 31.8

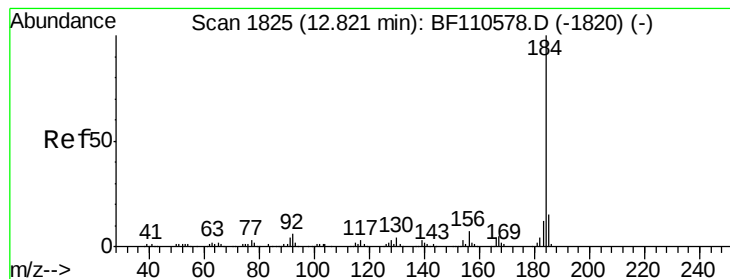


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.043 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Instrument :

BNA_F

ClientSampleId :

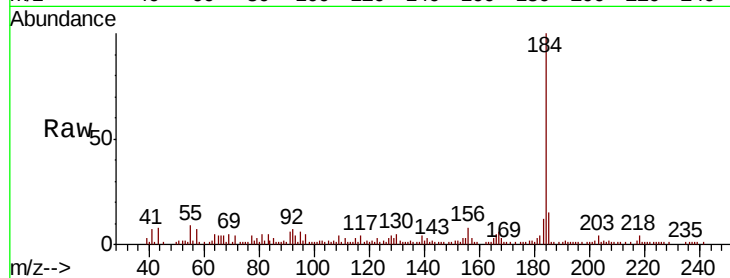
Tot Ion:184 Resp: 69124

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.2

183 11.9 9.4 14.2

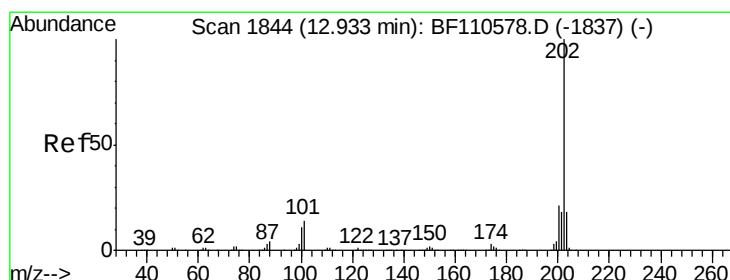
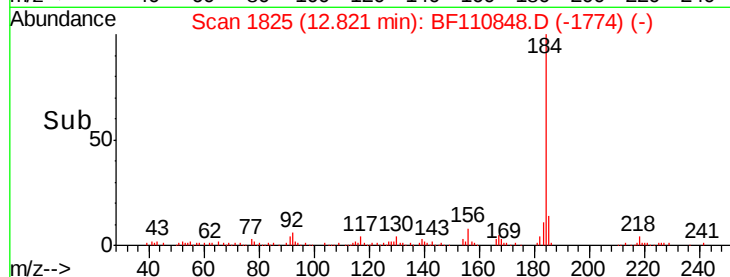
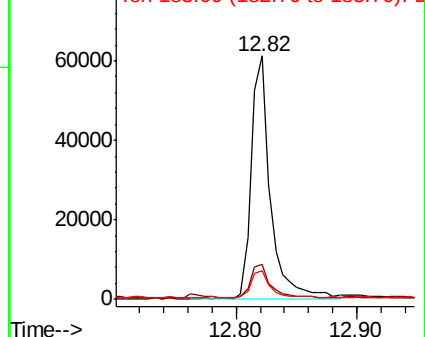


Abundance

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: 83.188 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

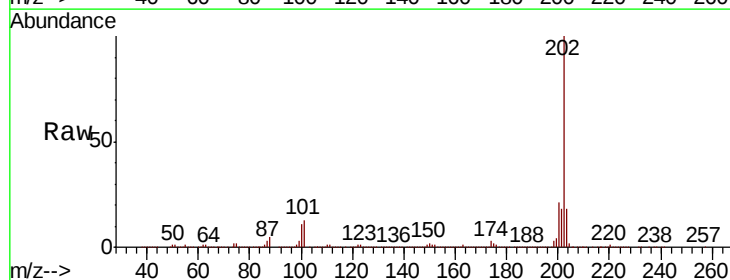
Tgt Ion:202 Resp: 803271

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

203 18.0 14.2 21.4

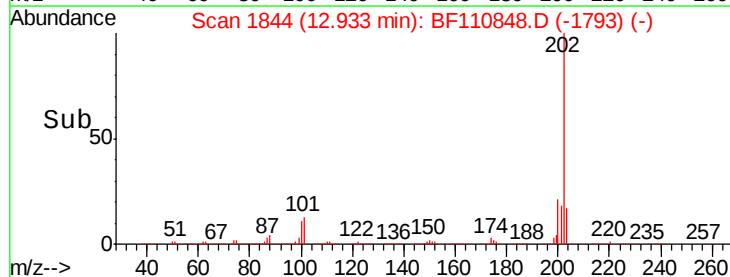
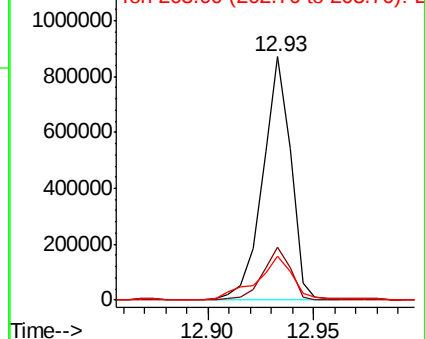


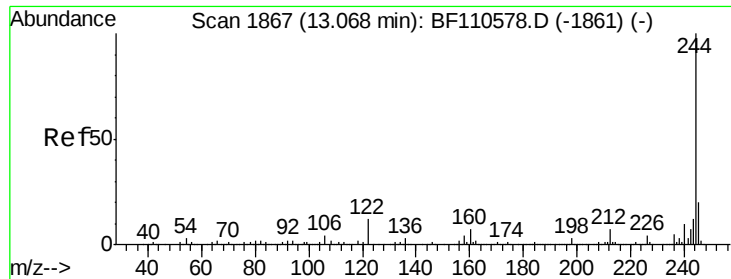
Abundance

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: 50.679 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Instrument :

BNA_F

ClientSampleId :

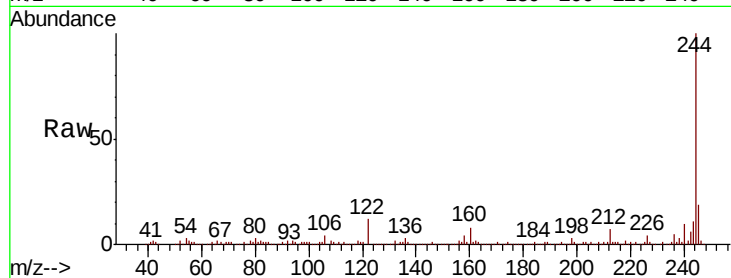
Tot Ion:244 Resp: 339367

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

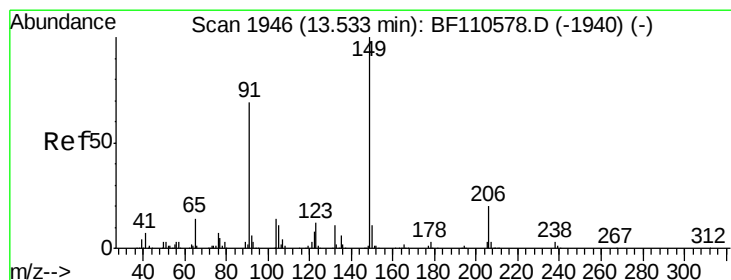
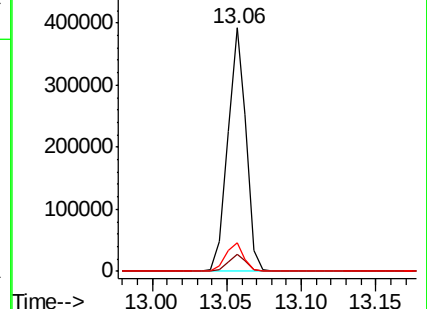
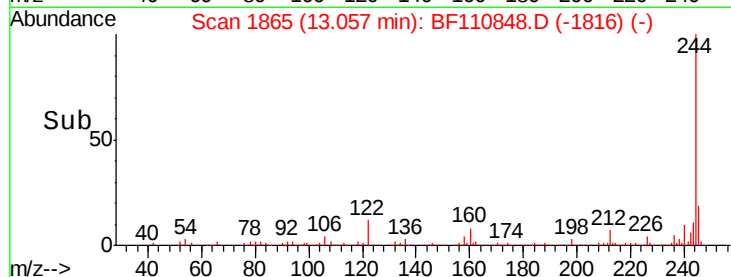
122 11.6 8.7 13.1



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: 29.921 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

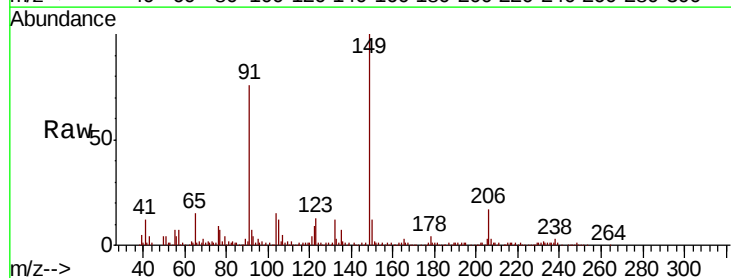
Tgt Ion:149 Resp: 124355

Ion Ratio Lower Upper

149 100

91 75.5 57.2 85.8

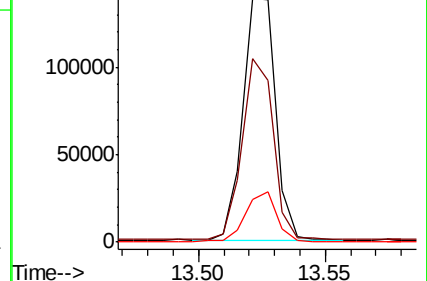
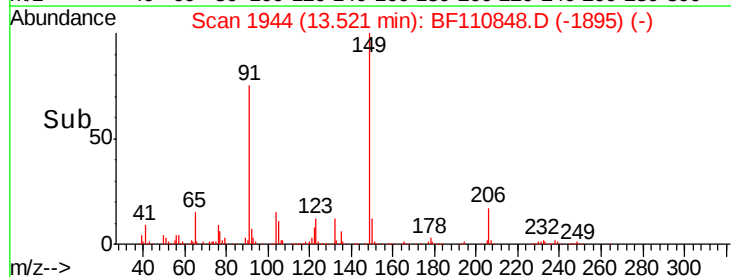
206 17.5 15.7 23.5

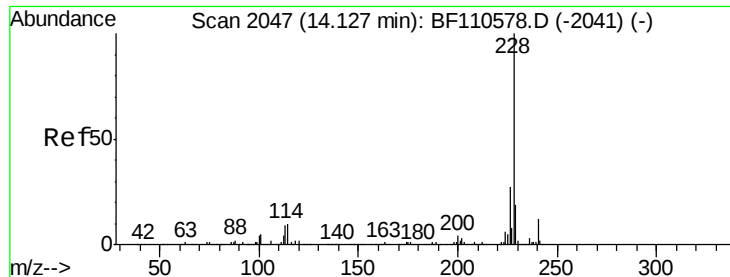


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 67.999 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Instrument :

BNA_F

ClientSampleId :

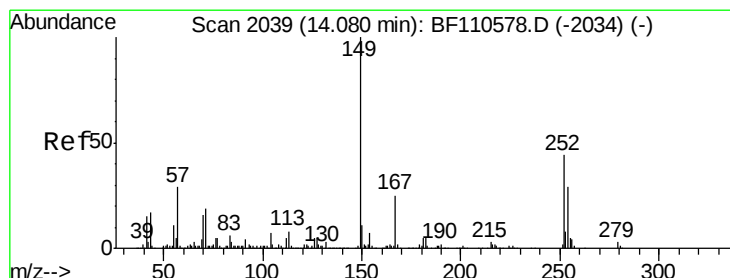
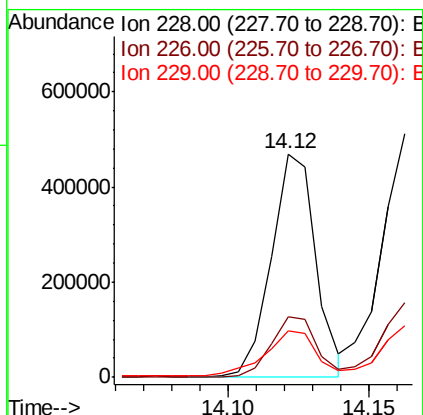
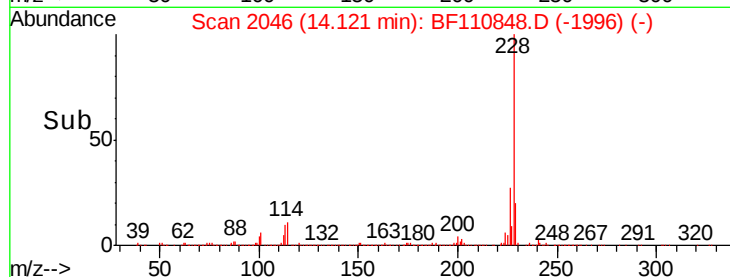
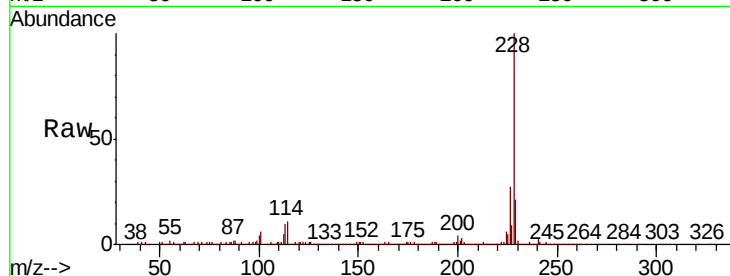
Tot Ion:228 Resp: 509707

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 20.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 23.921 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

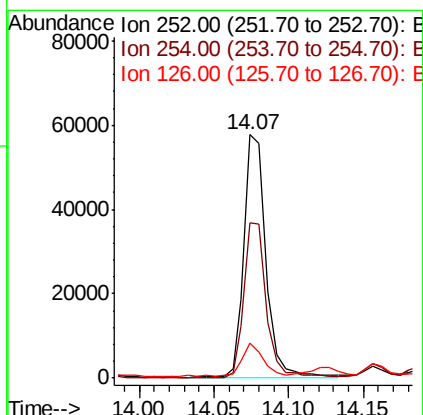
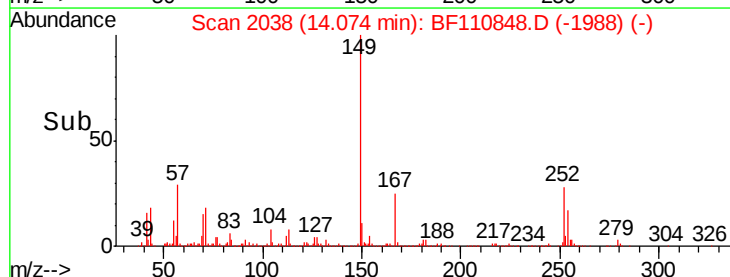
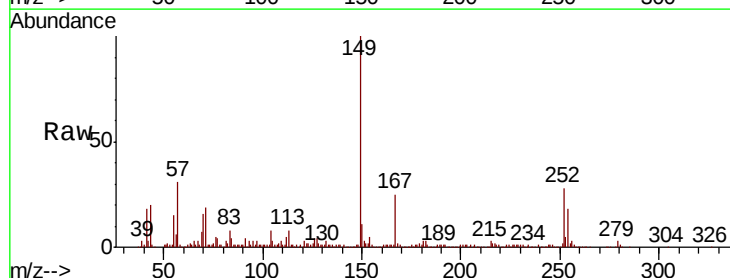
Tgt Ion:252 Resp: 60066

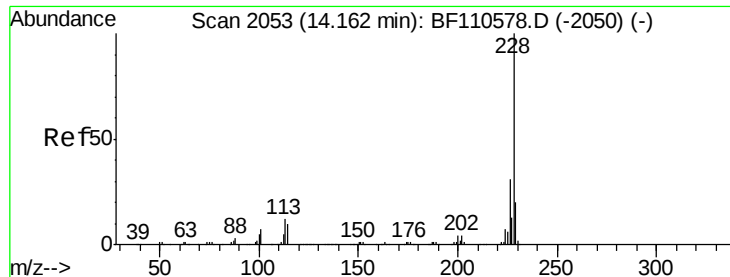
Ion Ratio Lower Upper

252 100

254 63.9 51.3 76.9

126 14.6 9.4 14.2#





#83

Chrysene

Concen: 64.704 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Instrument :

BNA_F

ClientSampleId :

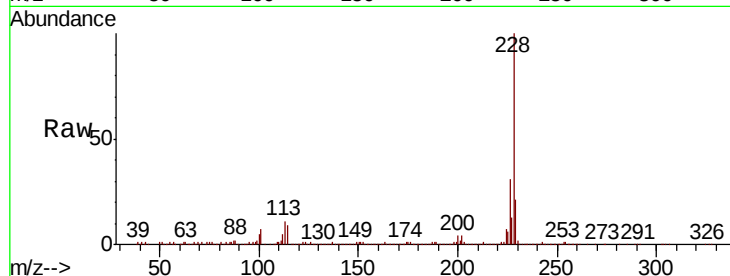
Tot Ion:228 Resp: 462065

Ion Ratio Lower Upper

228 100

226 30.7 24.7 37.1

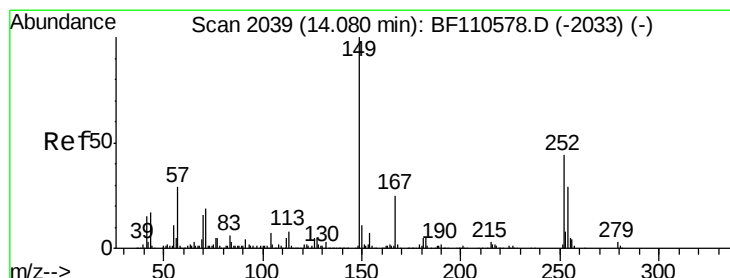
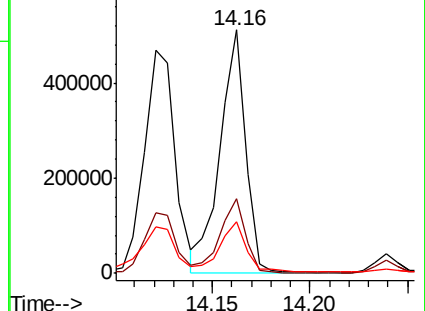
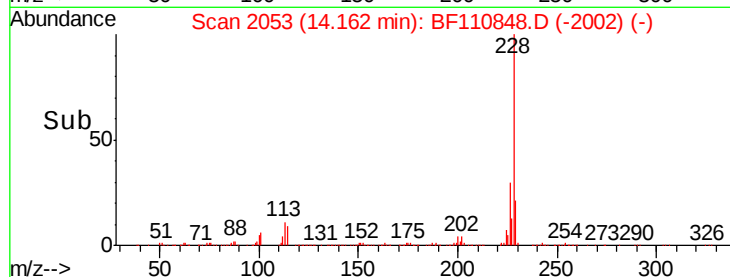
229 21.2 15.9 23.9



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: 32.607 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

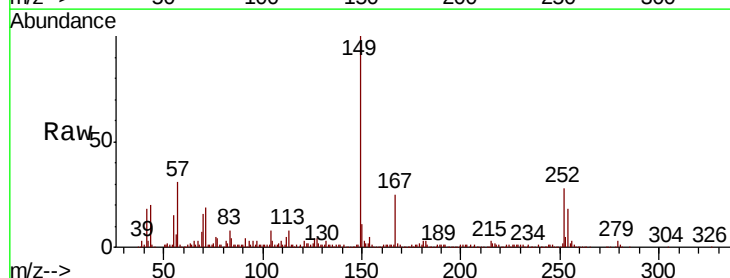
Tgt Ion:149 Resp: 168115

Ion Ratio Lower Upper

149 100

167 25.3 19.8 29.8

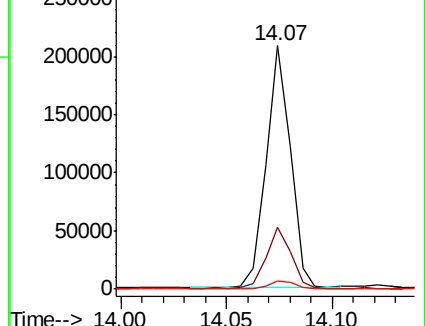
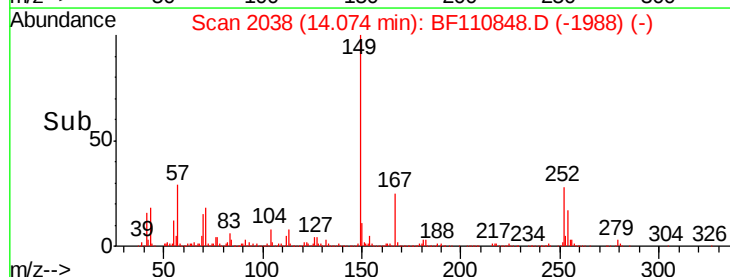
279 3.4 2.7 4.1

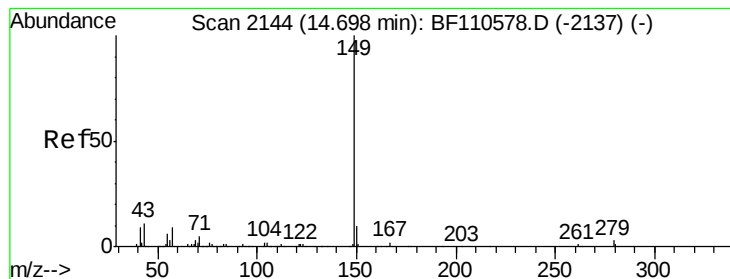


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.814 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

Instrument :

BNA_F

ClientSampleId :

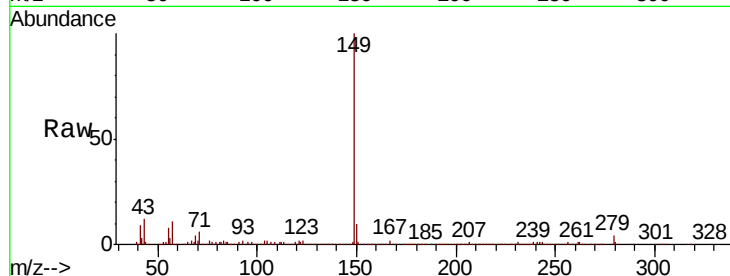
Tot Ion:149 Resp: 279112

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

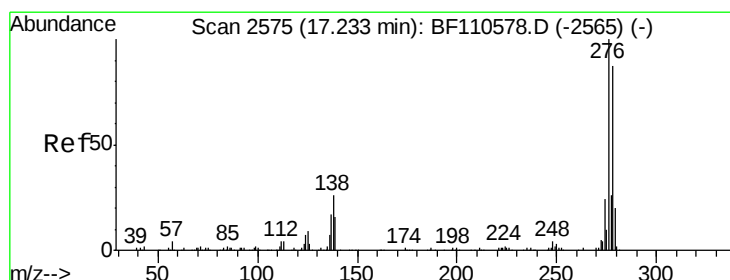
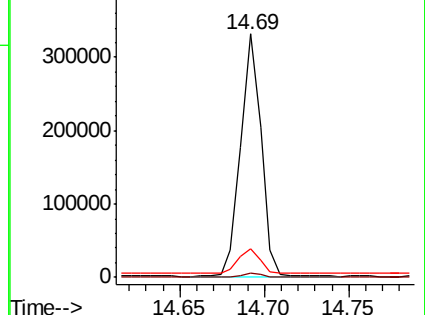
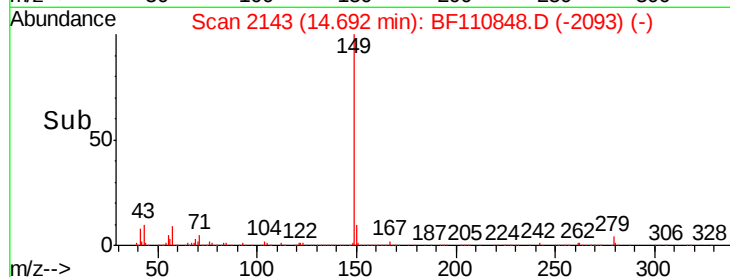
43 10.8 7.8 11.8



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: 62.175 ng

RT: 17.25 min Scan# 2578

Delta R.T. 0.02 min

Lab File: BF110848.D

Acq: 19 Nov 2018 13:04

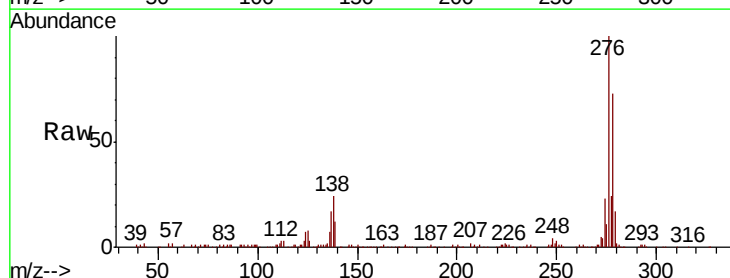
Tgt Ion:276 Resp: 318614

Ion Ratio Lower Upper

276 100

138 22.9 18.5 27.7

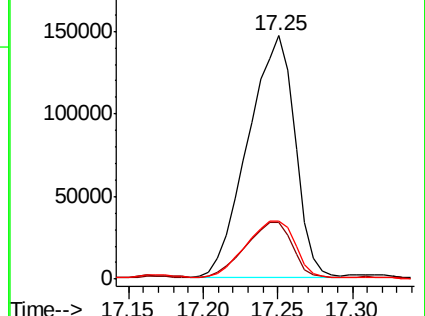
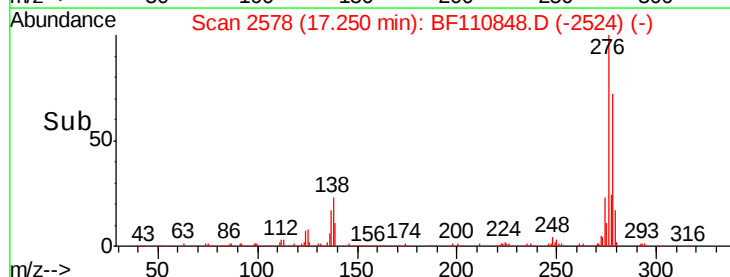
277 24.9 20.0 30.0

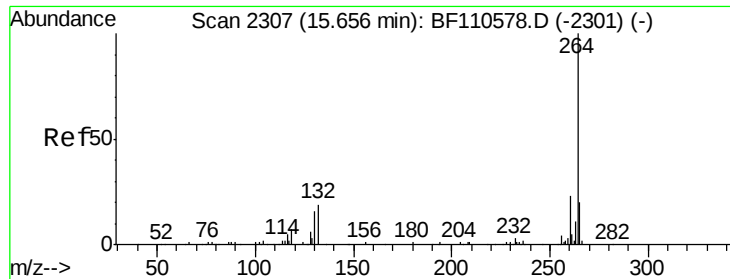


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

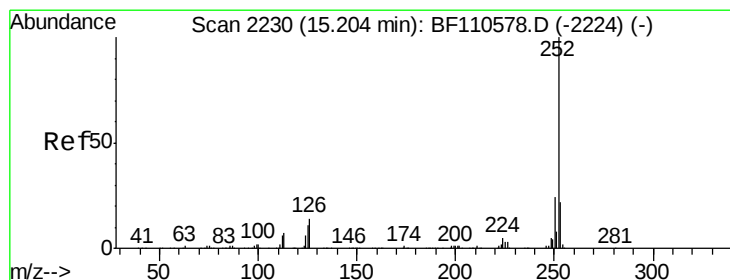
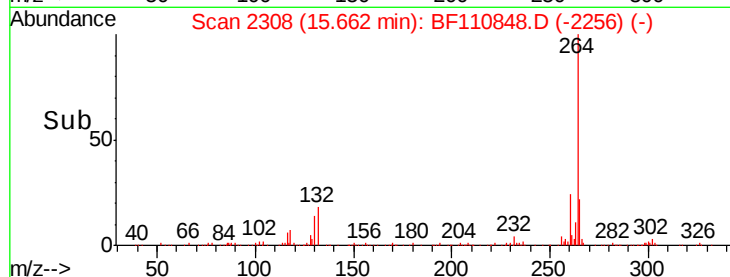
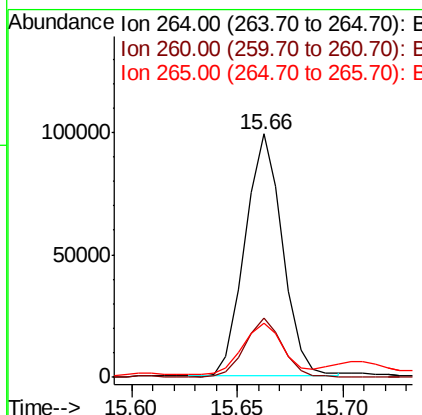
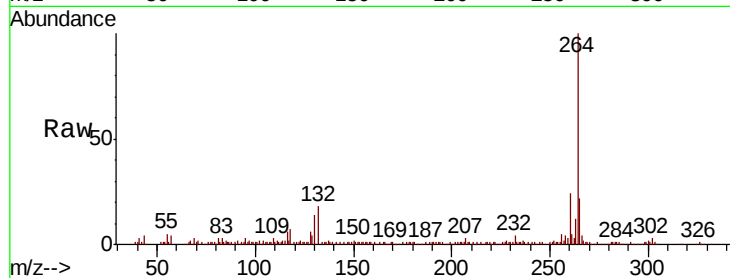




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

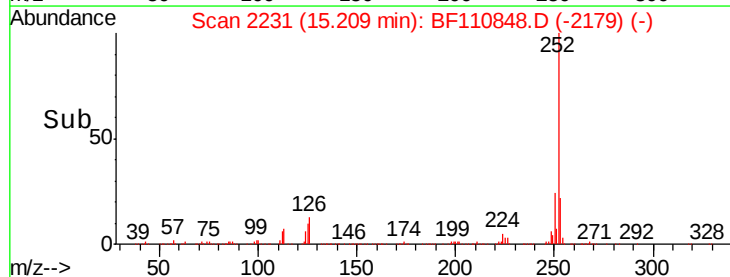
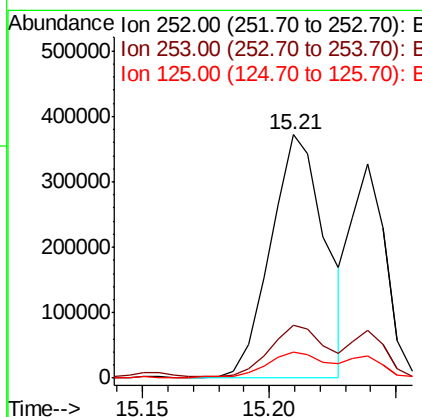
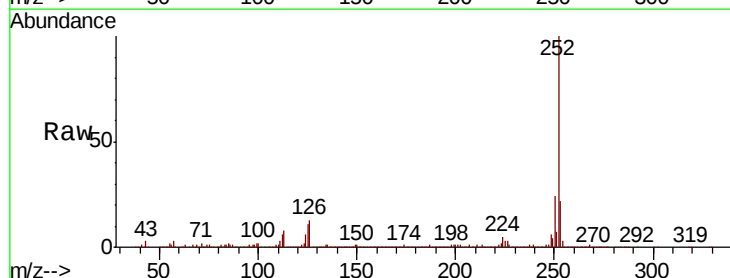
Instrument :
BNA_F
ClientSampleId :

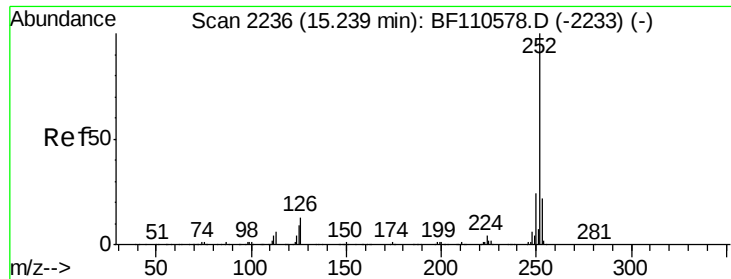
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	22.1	16.7	25.1



#88
Benzo(b)fluoranthene
Concen: 76.474 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	10.9	8.2	12.4

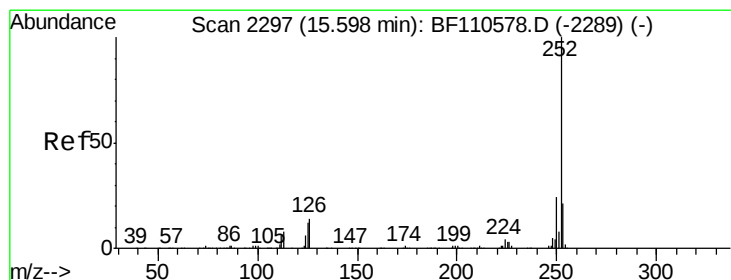
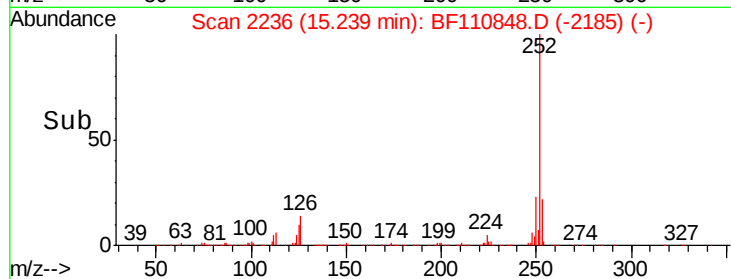
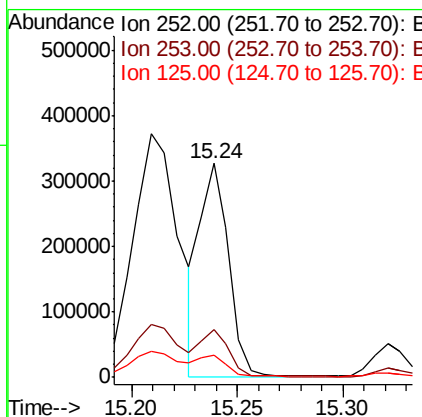
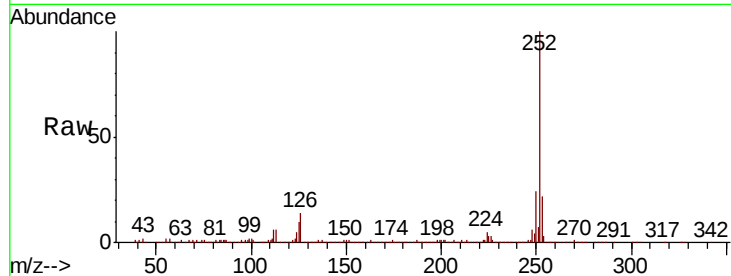




#89
Benzo(k)fluoranthene
Concen: 42.887 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

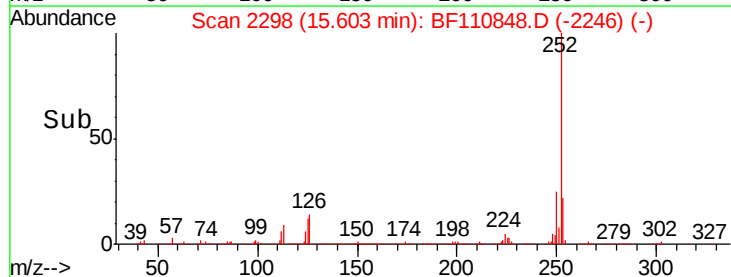
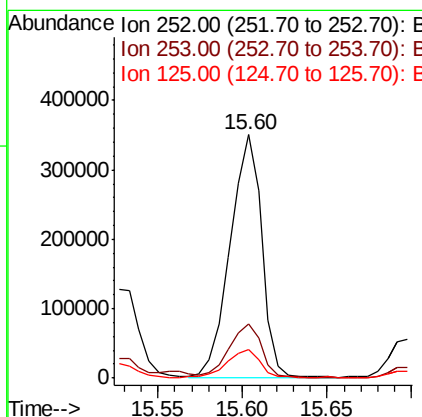
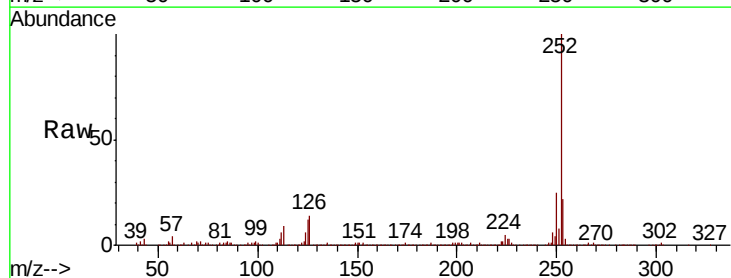
Instrument :
BNA_F
ClientSampleId :

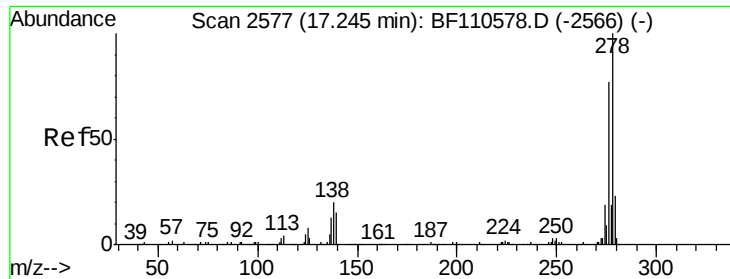
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	10.4	7.4	11.0



#90
Benzo(a)pyrene
Concen: 68.655 ng
RT: 15.60 min Scan# 2298
Delta R.T. 0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	11.9	9.0	13.6

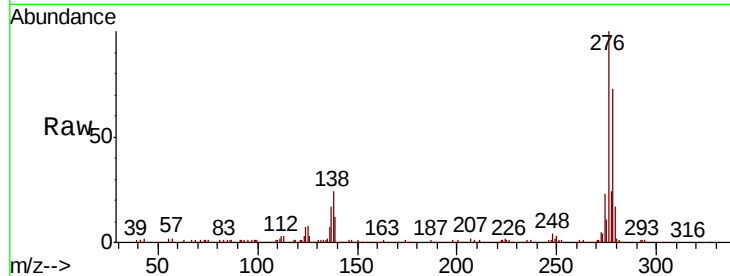




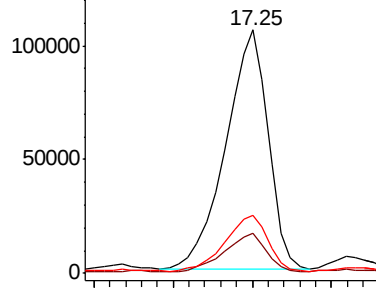
#91
Dibenzo(a,h)anthracene
Concen: 34.908 ng
RT: 17.25 min Scan# 2578
Delta R.T. 0.01 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Instrument :
BNA_F
ClientSampleId :

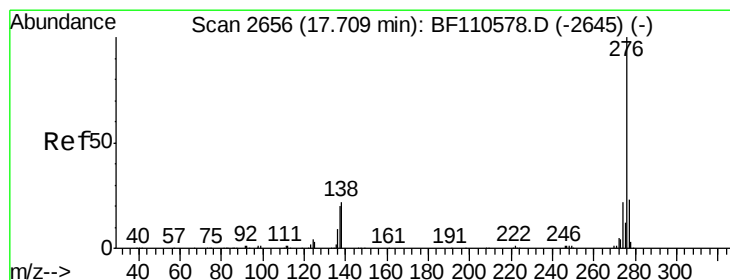
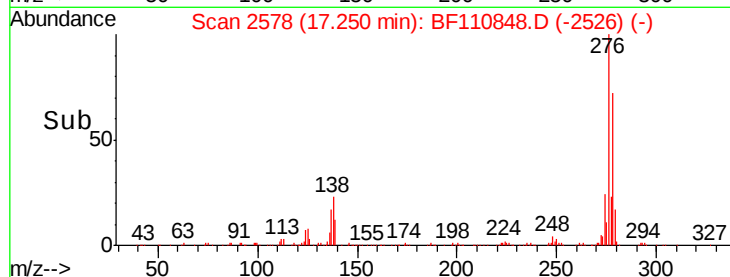
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.7	19.1
279	23.8	19.0	28.4



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

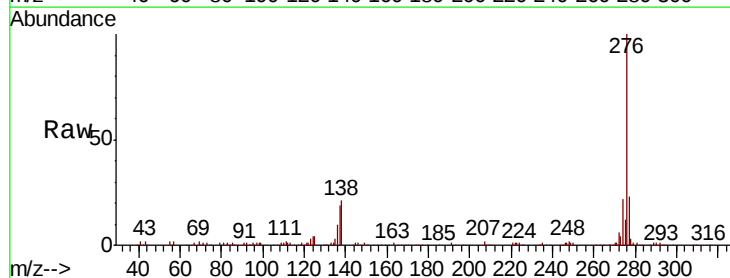


Time--> 17.15 17.20 17.25 17.30

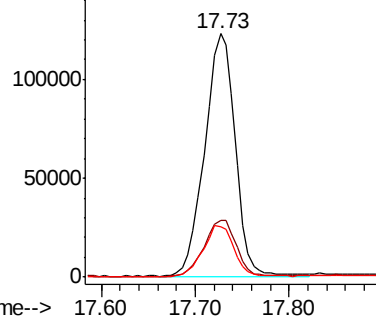


#92
Benzo(g,h,i)perylene
Concen: 49.757 ng
RT: 17.73 min Scan# 2659
Delta R.T. 0.02 min
Lab File: BF110848.D
Acq: 19 Nov 2018 13:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	20.7	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



Time--> 17.60 17.70 17.80

