

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110974.D
 Acq On : 26 Nov 2018 20:06
 Operator : JU/SJ
 Sample : J6028-08MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

Quant Time: Nov 27 03:42:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	58881	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	213762	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	80025	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	136238	20.00	ng	0.00
76) Chrysene-d12	14.13	240	91690	20.00	ng	0.00
87) Perylene-d12	15.67	264	72566	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	506199	142.57	ng	0.02
7) Phenol-d6	6.57	99	614402	132.78	ng	0.00
23) Nitrobenzene-d5	7.51	82	378074	101.22	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	105453	132.69	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	605821	109.68	ng	0.00
79) Terphenyl-d14	13.06	244	490165	104.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	49653	29.189	ng	# 88
3) Pyridine	3.60	79	142860	38.352	ng	90
4) n-Nitrosodimethylamine	3.55	42	79574	46.686	ng	86
6) Aniline	6.61	93	143863	25.151	ng	# 57
8) 2-Chlorophenol	6.73	128	169824	40.358	ng	99
9) Benzaldehyde	6.50	77	63799	22.806	ng	94
10) Phenol	6.59	94	237743	45.624	ng	# 69
11) bis(2-Chloroethyl)ether	6.67	93	153910	39.204	ng	94
12) 1,3-Dichlorobenzene	6.88	146	177626	38.424	ng	97
13) 1,4-Dichlorobenzene	6.96	146	178244	37.495	ng	98
14) 1,2-Dichlorobenzene	7.11	146	166038	37.110	ng	99
15) Benzyl Alcohol	7.09	79	140326	39.462	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	240443	38.485	ng	87
17) 2-Methylphenol	7.19	107	129862	38.814	ng	# 87
18) Hexachloroethane	7.44	117	54528	31.183	ng	90
19) n-Nitroso-di-n-propylamine	7.35	70	114157	37.875	ng	95
20) 3+4-Methylphenols	7.35	107	168398	37.864	ng	# 67
22) Acetophenone	7.35	105	231461	46.195	ng	# 92
24) Nitrobenzene	7.53	77	169624	43.670	ng	96
25) Isophorone	7.76	82	289261	47.212	ng	95
26) 2-Nitrophenol	7.85	139	81074	42.963	ng	91
27) 2,4-Dimethylphenol	7.87	122	144445	50.686	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	187390	45.654	ng	100
29) 2,4-Dichlorophenol	8.09	162	125346	42.033	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	140730	42.109	ng	94
31) Naphthalene	8.25	128	449660	44.875	ng	100
33) 4-Chloroaniline	8.30	127	80228	18.811	ng	99
34) Hexachlorobutadiene	8.35	225	79227	41.622	ng	99
35) Caprolactam	8.67	113	35207	34.581	ng	# 86
36) 4-Chloro-3-methylphenol	8.78	107	124563	37.594	ng	98
37) 2-Methylnaphthalene	8.93	142	286031	43.217	ng	99
38) 1-Methylnaphthalene	9.03	142	263989	41.007	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	118844	47.209	ng	99
41) Hexachlorocyclopentadiene	9.07	237	147	10.663	ng	82

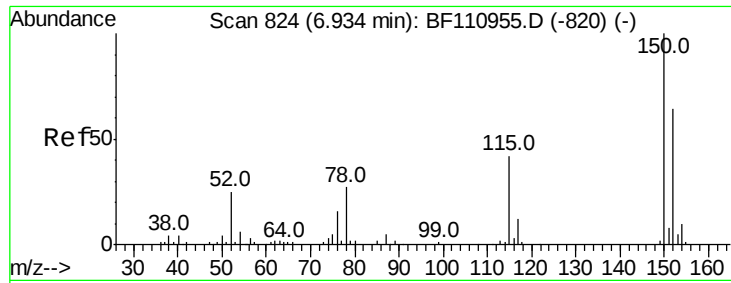
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	74749	49.717	nq	93
44) 2,4,5-Trichlorophenol	9.27	196	75482	47.680	nq	96
46) 1,1'-Biphenyl	9.40	154	330020	44.731	nq	99
47) 2-Chloronaphthalene	9.43	162	243214	45.466	nq	98
48) 2-Nitroaniline	9.53	65	79045	47.242	nq	98
49) Acenaphthylene	9.85	152	358017	47.066	nq	99
50) Dimethylphthalate	9.69	163	356624	60.763	nq	99
51) 2,6-Dinitrotoluene	9.77	165	55671	42.608	nq	# 89
52) Acenaphthene	10.02	154	214529	43.993	nq	98
53) 3-Nitroaniline	9.95	138	54384	35.712	nq	91
54) 2,4-Dinitrophenol	10.09	184	1363	6.533	nq	90
55) Dibenzofuran	10.19	168	305446	42.936	nq	99
56) 4-Nitrophenol	10.12	139	71168	83.853	nq	95
57) 2,4-Dinitrotoluene	10.19	165	66766	39.386	nq	# 81
58) Fluorene	10.53	166	243694	44.028	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	58623	45.121	nq	95
60) Diethylphthalate	10.39	149	268351	44.339	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	114691	39.616	nq	97
62) 4-Nitroaniline	10.57	138	55610	39.220	nq	97
63) Azobenzene	10.68	77	230402	39.057	nq	96
65) 4,6-Dinitro-2-methylphenol	10.61	198	3149	4.886	nq	# 73
66) n-Nitrosodiphenylamine	10.64	169	207054	45.654	nq	96
67) 4-Bromophenyl-phenylether	11.01	248	64774	43.656	nq	92
68) Hexachlorobenzene	11.09	284	65954	41.733	nq	94
69) Atrazine	11.16	200	64286	Below	Cal	97
70) Pentachlorophenol	11.29	266	54974	87.432	nq	98
71) Phenanthrene	11.50	178	394383	54.657	nq	100
72) Anthracene	11.56	178	363322	49.443	nq	99
73) Carbazole	11.72	167	303713	42.582	nq	100
74) Di-n-butylphthalate	12.02	149	381746	45.778	nq	99
75) Fluoranthene	12.70	202	467578	63.049	nq	100
77) Benzidine	12.82	184	129112	55.053	nq	98
78) Pyrene	12.93	202	453920	67.782	nq	98
80) Butylbenzylphthalate	13.52	149	161042	53.264	nq	96
81) Benzo(a)anthracene	14.13	228	293908	54.294	nq	99
82) 3,3'-Dichlorobenzidine	14.08	252	71198	38.358	nq	99
83) Chrysene	14.16	228	266420	49.995	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	209376	51.971	nq	97
85) Di-n-octyl phthalate	14.69	149	301939	47.479	nq	97
86) Indeno(1,2,3-cd)pyrene	17.27	276	210189	54.950	nq	100
88) Benzo(b)fluoranthene	15.22	252	223551	52.440	nq	100
89) Benzo(k)fluoranthene	15.24	252	197805	45.080	nq	99
90) Benzo(a)pyrene	15.61	252	203079	51.178	nq	99
91) Dibenzo(a,h)anthracene	17.27	278	162940	49.768	nq	99
92) Benzo(g,h,i)perylene	17.76	276	178640	56.589	nq	100

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

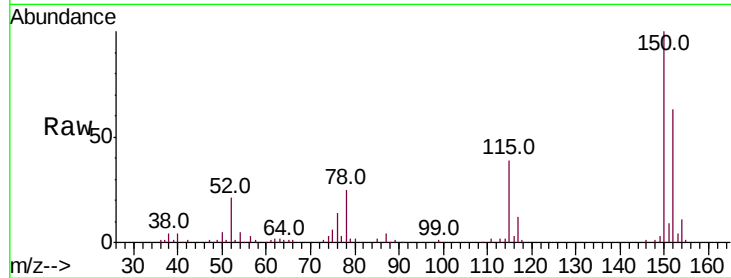


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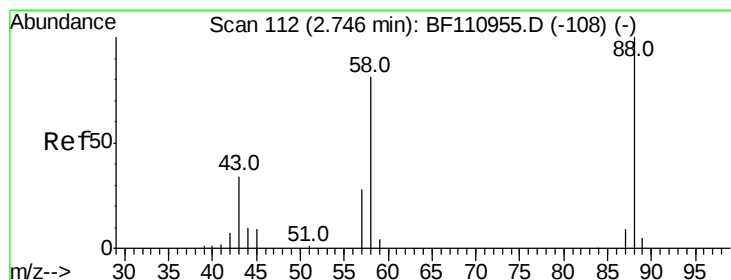
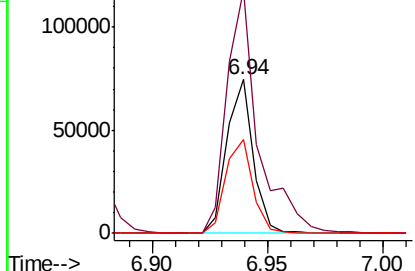
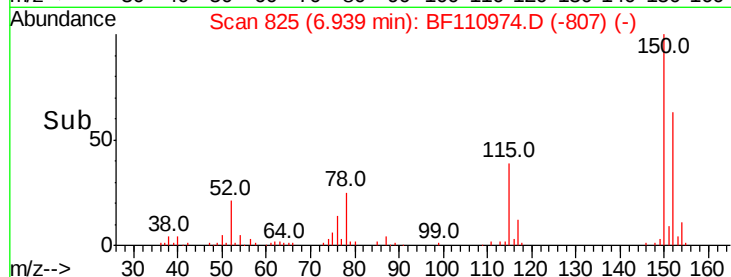
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

Tot Ion:152 Resp: 58881
 Ion Ratio Lower Upper
 152 100
 150 158.5 122.7 184.1
 115 61.4 49.1 73.7



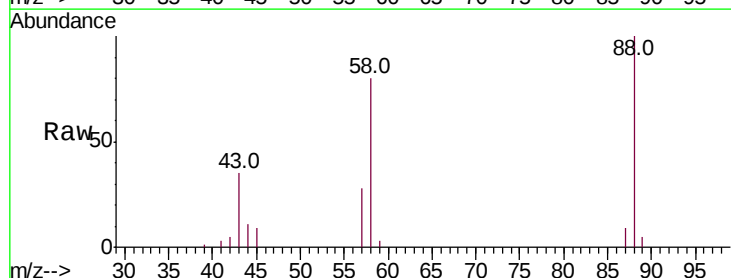
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



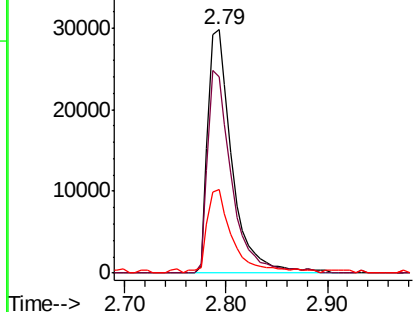
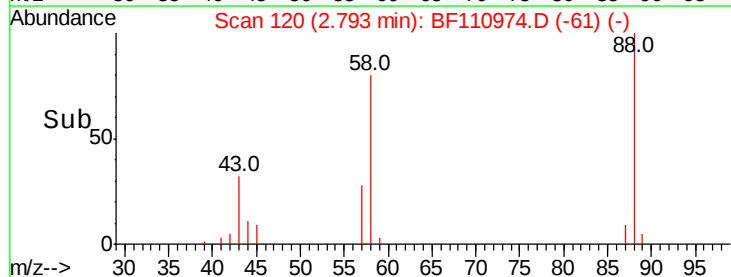
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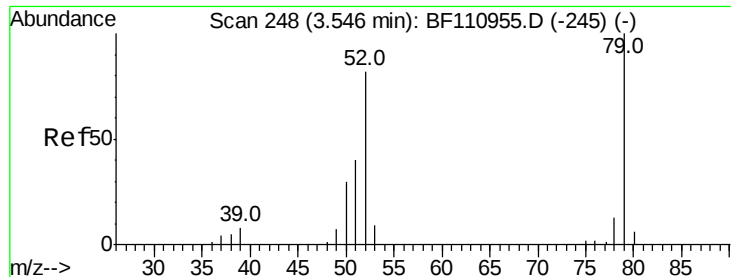
1,4-Dioxane
 Concen: 29.189 ng
 RT: 2.79 min Scan# 120
 Delta R.T. 0.05 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Tgt Ion: 88 Resp: 49653
 Ion Ratio Lower Upper
 88 100
 58 81.1 57.1 85.7
 43 37.0 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: 38.352 ng

RT: 3.60 min Scan# 257

Delta R.T. 0.05 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

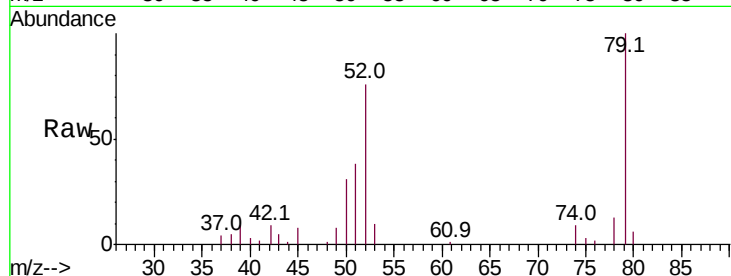
Tot Ion: 79 Resp: 142860

Ion Ratio Lower Upper

79 100

52 76.1 53.1 79.7

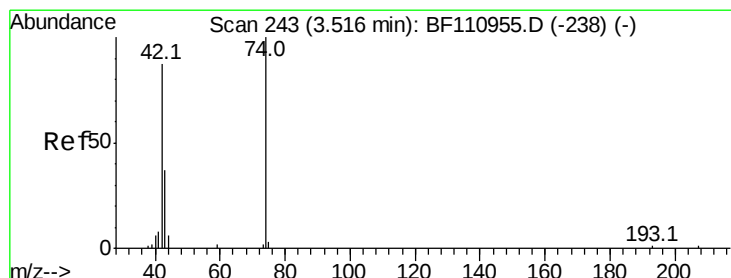
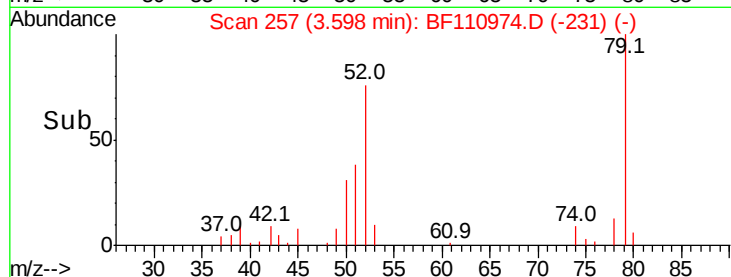
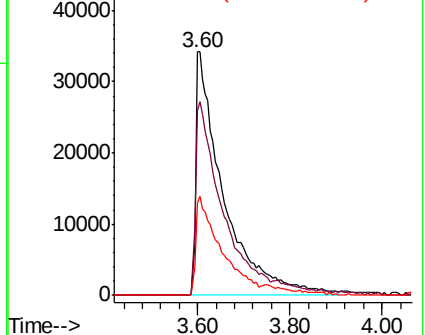
51 38.3 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 46.686 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.04 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

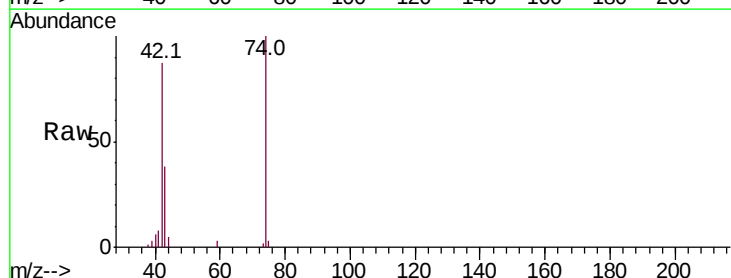
Tgt Ion: 42 Resp: 79574

Ion Ratio Lower Upper

42 100

74 115.0 105.5 158.3

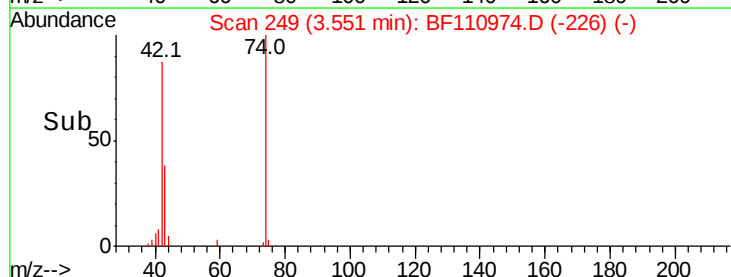
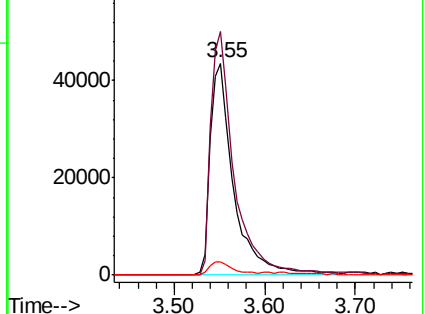
44 6.3 4.9 7.3

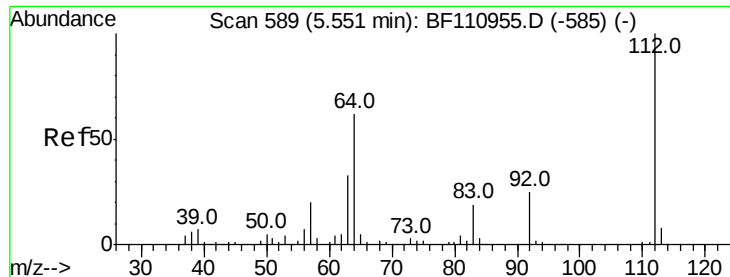


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

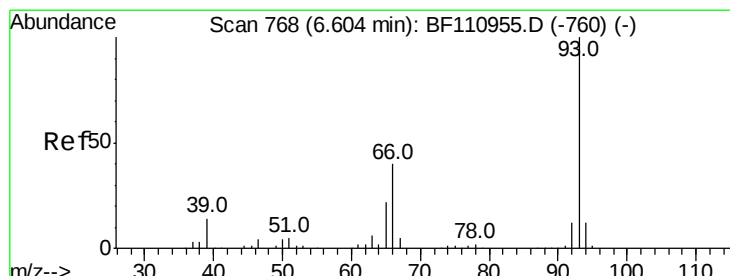
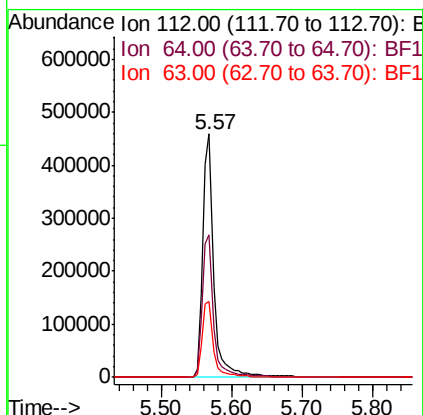
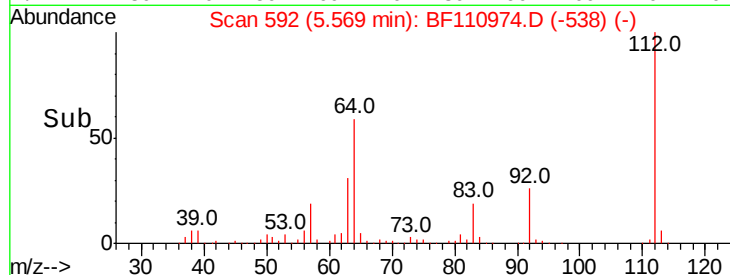
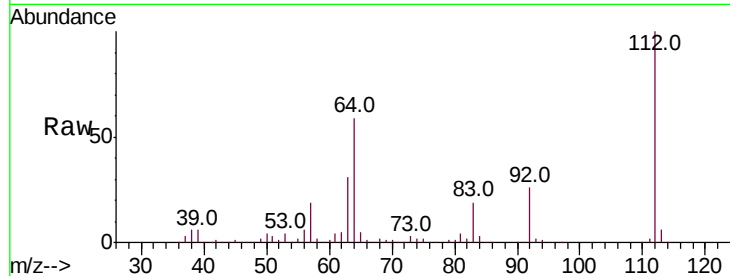




#5
 2-Fluorophenol
 Concen: 142.565 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.02 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

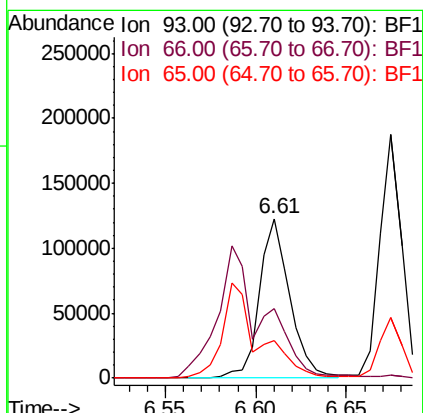
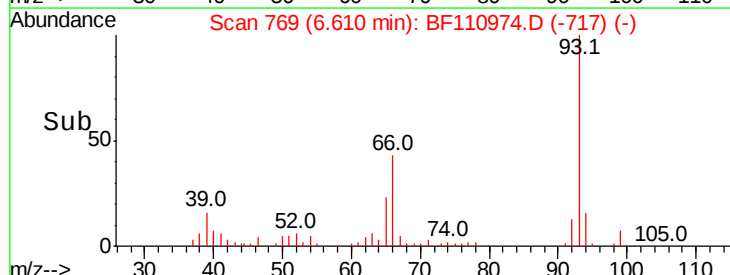
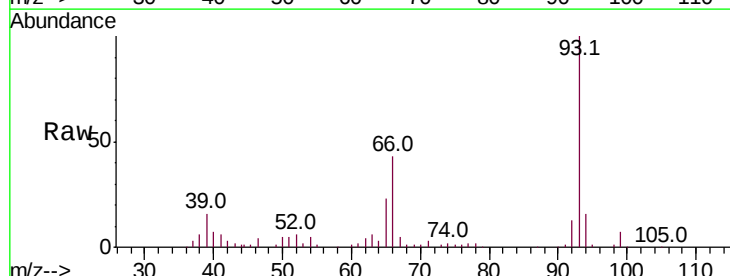
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

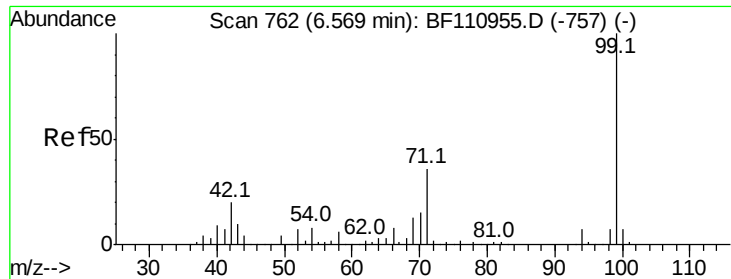
Tot Ion:	112	Resp:	506199
Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.1	66.1
63	31.4	23.7	35.5



#6
 Aniline
 Concen: 25.151 ng
 RT: 6.61 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Tgt Ion:	93	Resp:	143863
Ion	Ratio	Lower	Upper
93	100		
66	43.3	67.4	101.0#
65	23.4	41.0	61.4#





#7

Phenol-d6

Concen: 132.784 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

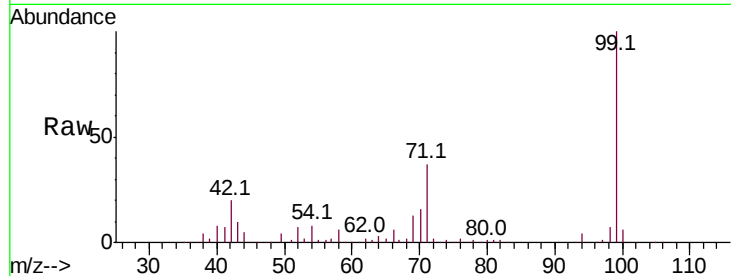
Tot Ion: 99 Resp: 614402

Ion Ratio Lower Upper

99 100

42 20.2 15.8 23.6

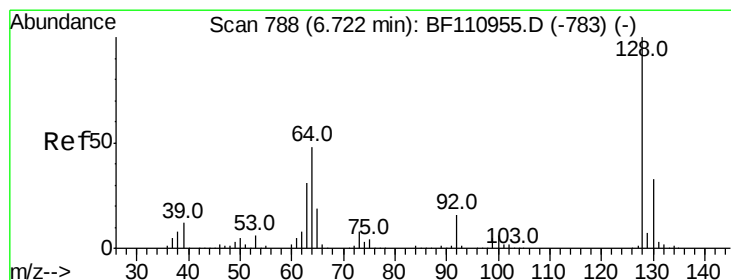
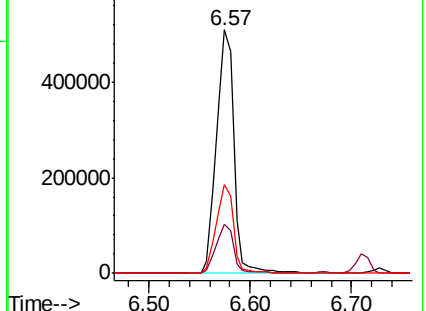
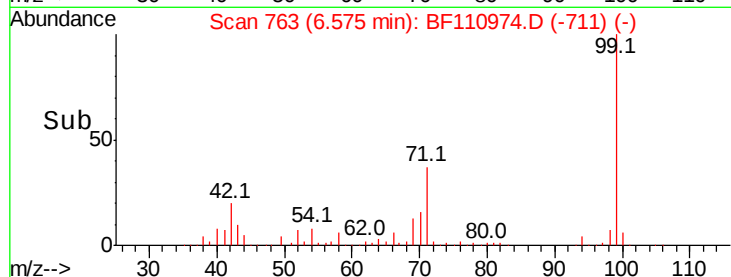
71 36.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.358 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

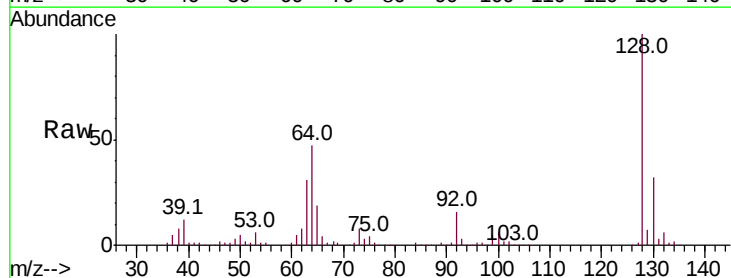
Tgt Ion:128 Resp: 169824

Ion Ratio Lower Upper

128 100

130 32.4 13.1 53.1

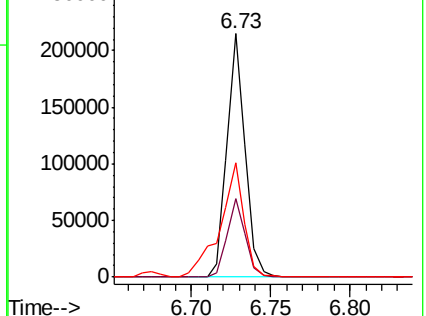
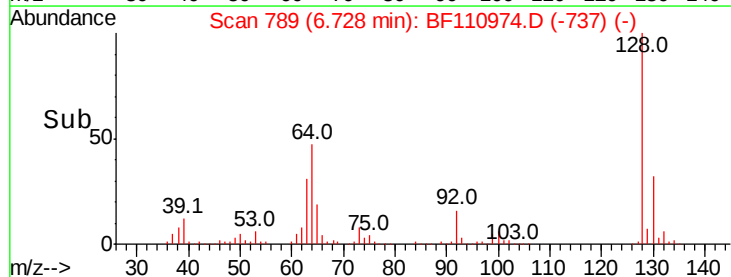
64 47.0 26.0 66.0

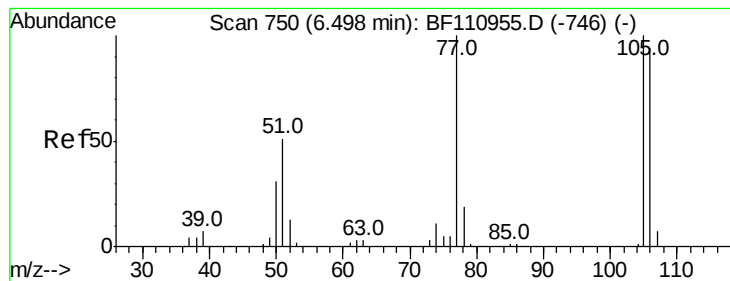


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.806 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

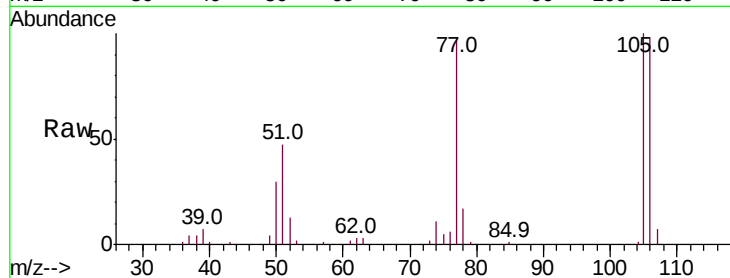
Tot Ion: 77 Resp: 63799

Ion Ratio Lower Upper

77 100

105 103.4 78.6 118.6

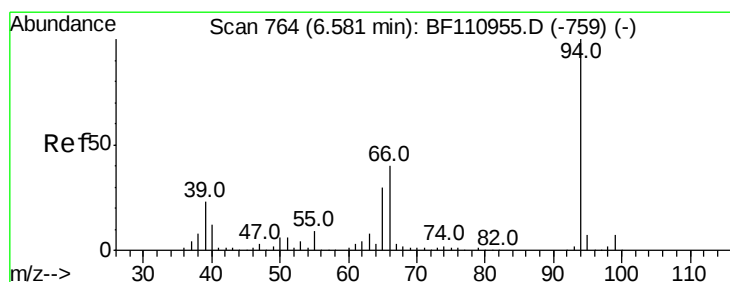
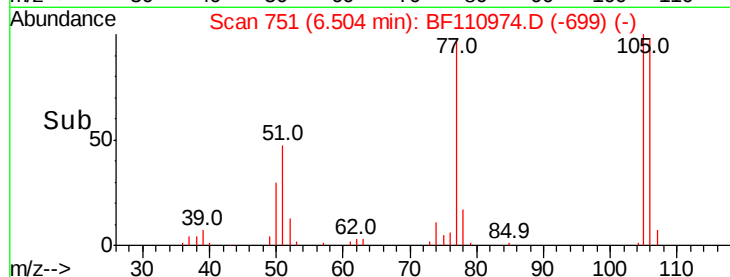
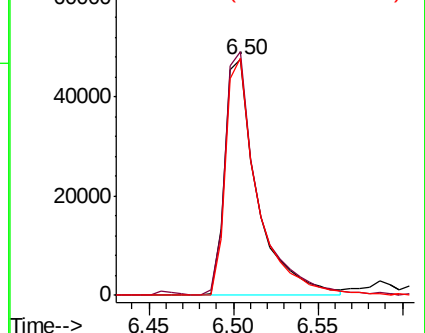
106 100.9 74.8 114.8



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: 45.624 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

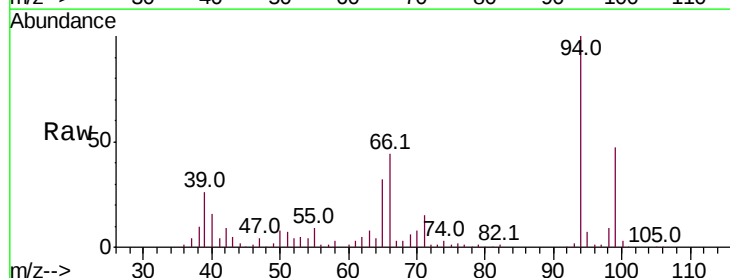
Tgt Ion: 94 Resp: 237743

Ion Ratio Lower Upper

94 100

65 31.6 25.3 65.3

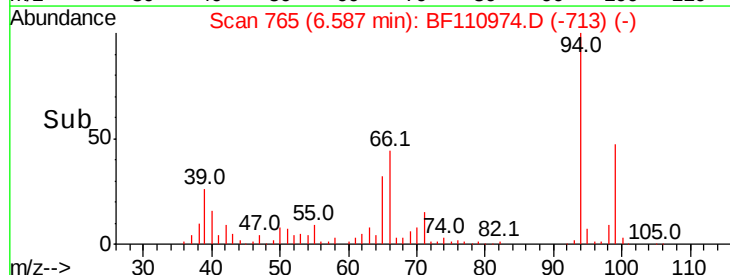
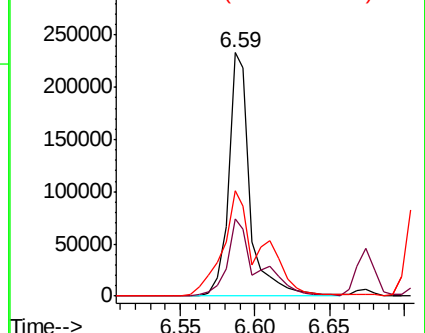
66 43.5 54.5 94.5#

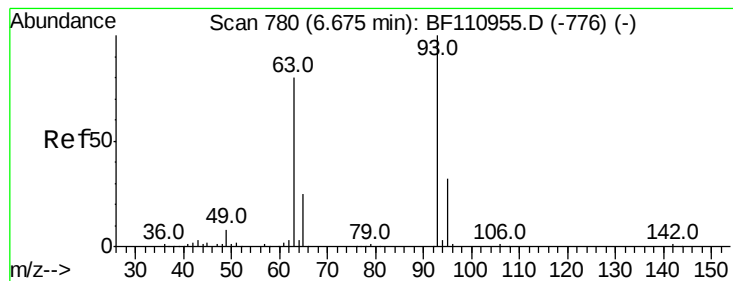


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

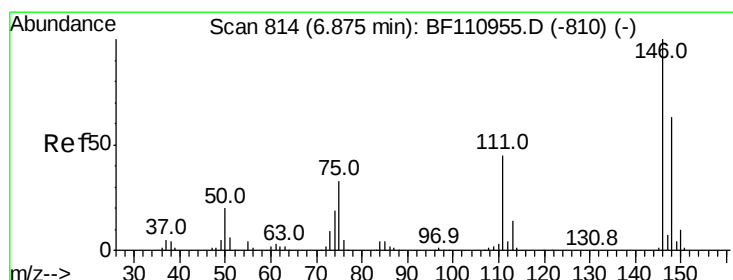
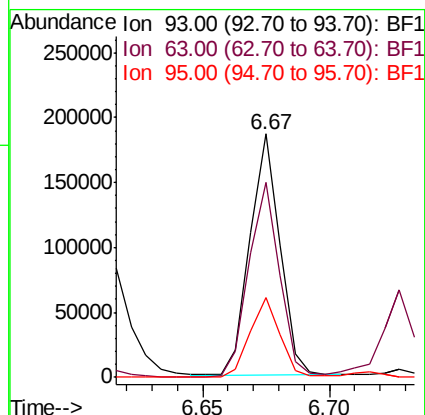
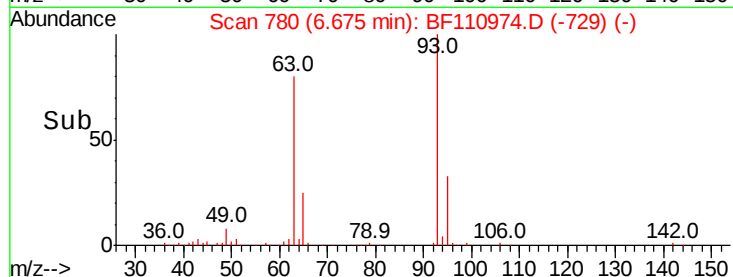
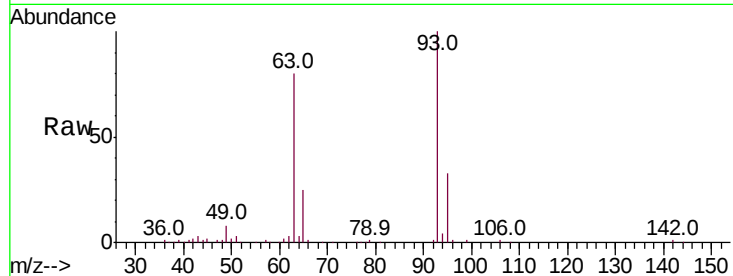




#11
bis(2-Chloroethyl)ether
Concen: 39.204 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

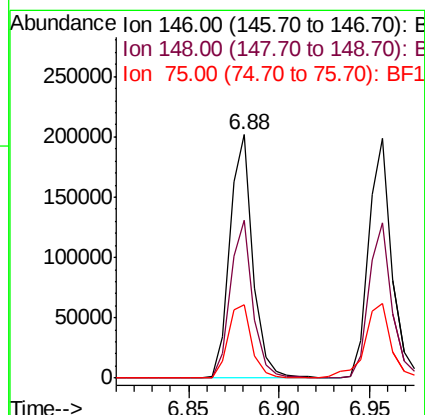
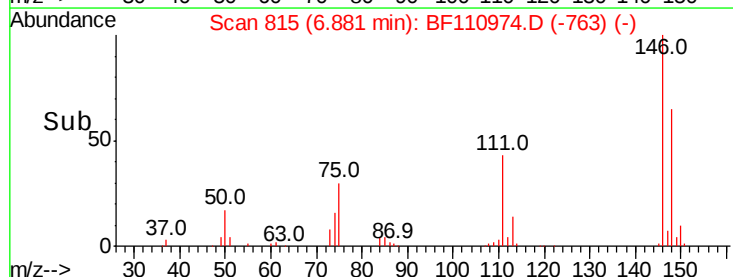
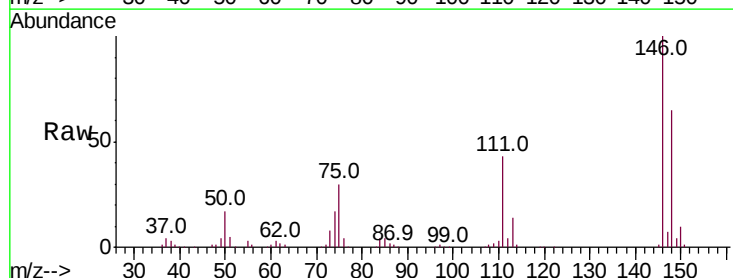
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

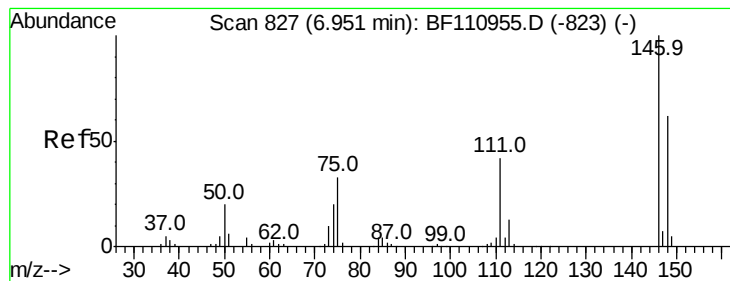
Tot Ion: 93 Resp: 153910
Ion Ratio Lower Upper
93 100
63 80.3 53.4 93.4
95 32.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 38.424 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.01 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Tgt Ion: 146 Resp: 177626
Ion Ratio Lower Upper
146 100
148 65.1 50.4 75.6
75 30.1 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 37.495 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

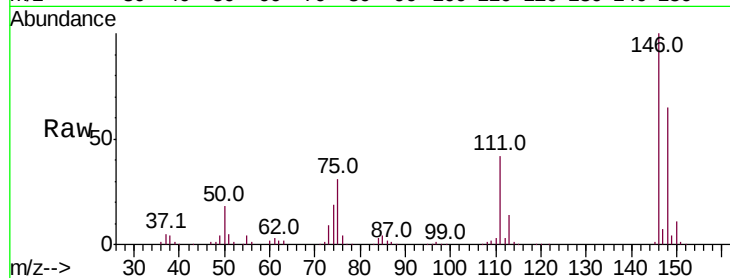
Tot Ion:146 Resp: 178244

Ion Ratio Lower Upper

146 100

148 64.7 50.3 75.5

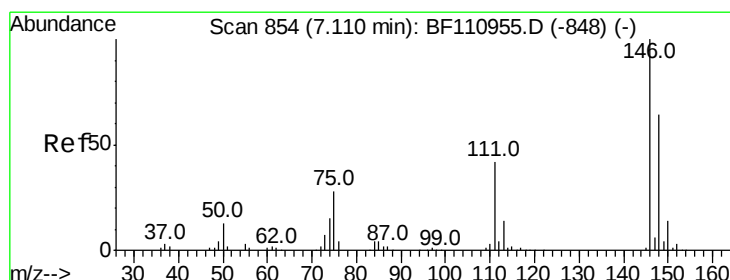
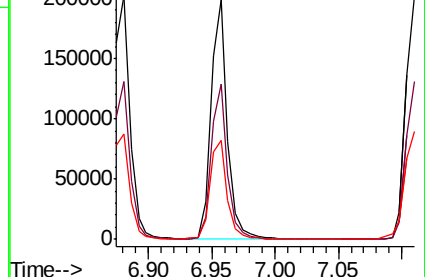
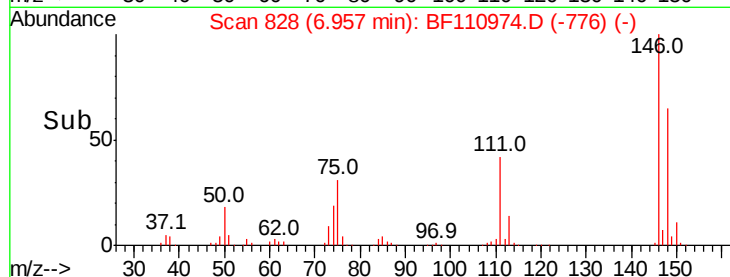
111 41.6 32.7 49.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.110 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

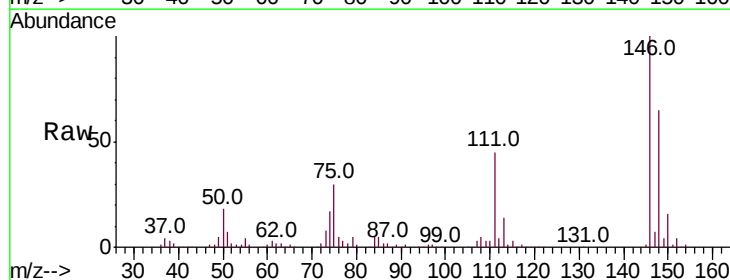
Tgt Ion:146 Resp: 166038

Ion Ratio Lower Upper

146 100

148 64.8 51.1 76.7

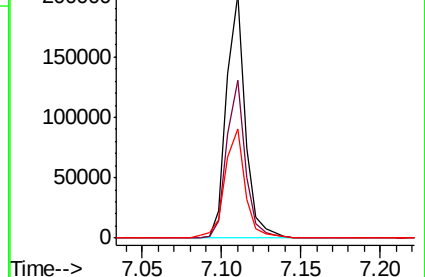
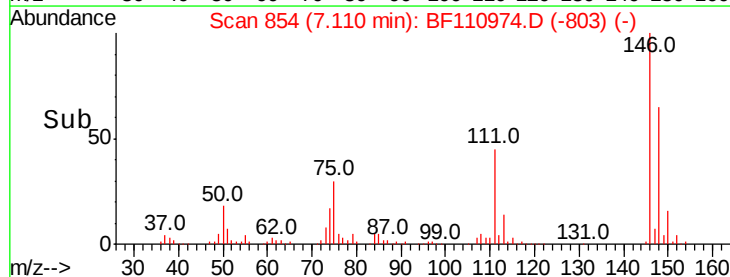
111 44.6 35.8 53.6

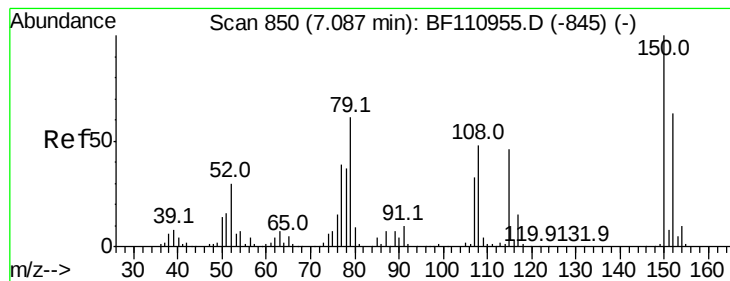


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.462 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

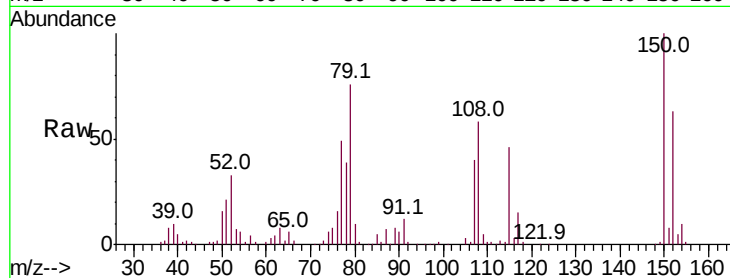
Tot Ion: 79 Resp: 140326

Ion Ratio Lower Upper

79 100

108 76.5 56.3 84.5

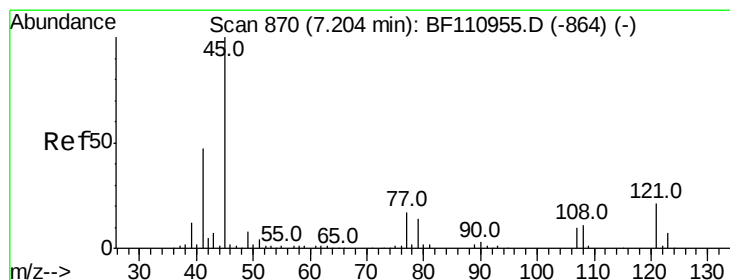
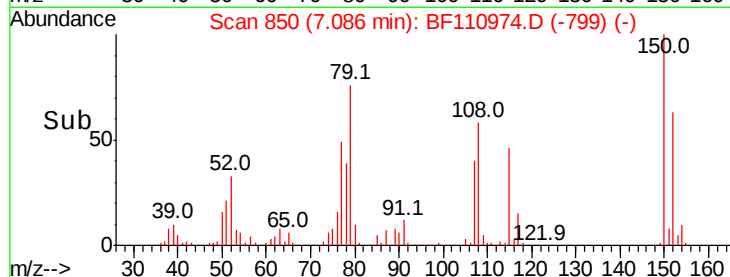
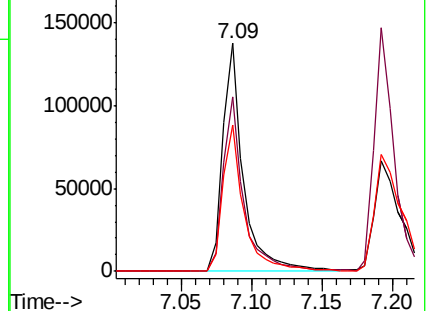
77 64.4 52.9 79.3



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: 38.485 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

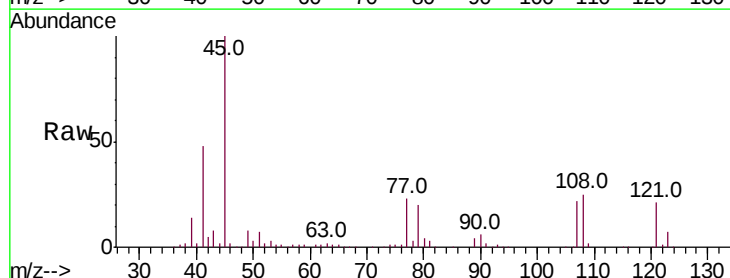
Tgt Ion: 45 Resp: 240443

Ion Ratio Lower Upper

45 100

77 22.9 10.0 50.0

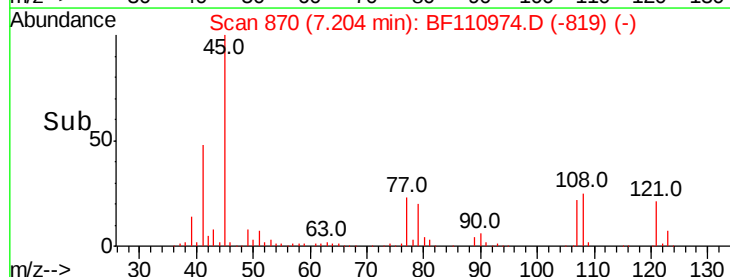
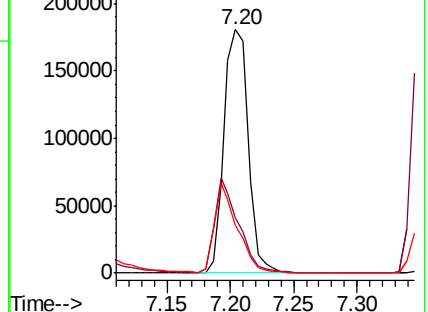
79 19.9 6.1 46.1

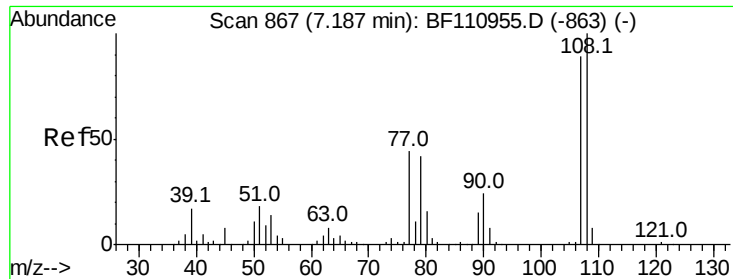


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.814 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

Tot Ion:107 Resp: 129862

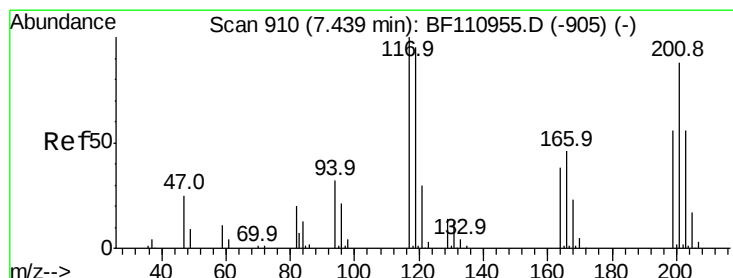
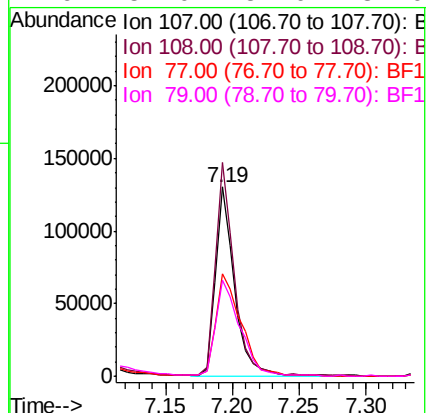
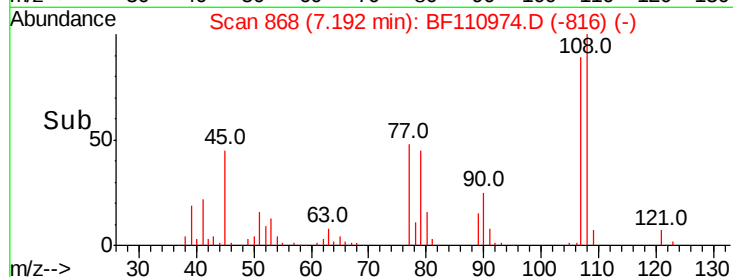
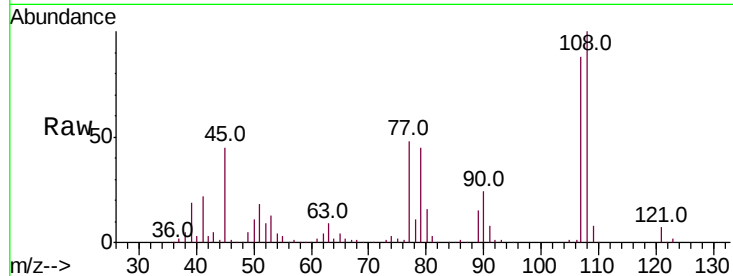
Ion Ratio Lower Upper

107 100

108 113.0 92.6 138.8

77 54.4 59.4 89.2#

79 51.0 54.0 81.0#



#18

Hexachloroethane

Concen: 31.183 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

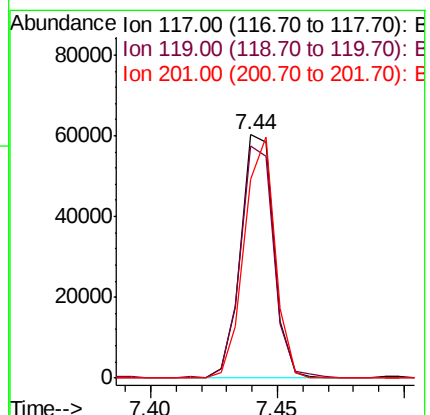
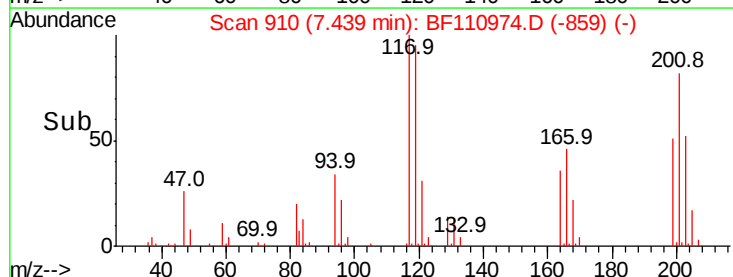
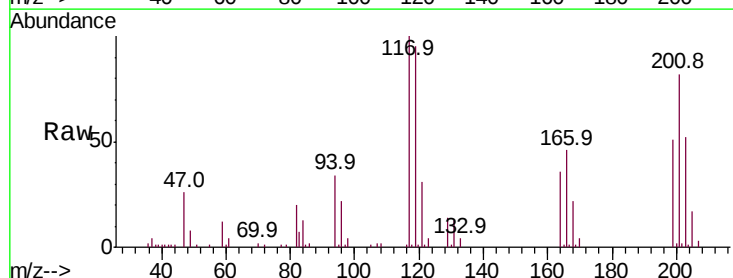
Tgt Ion:117 Resp: 54528

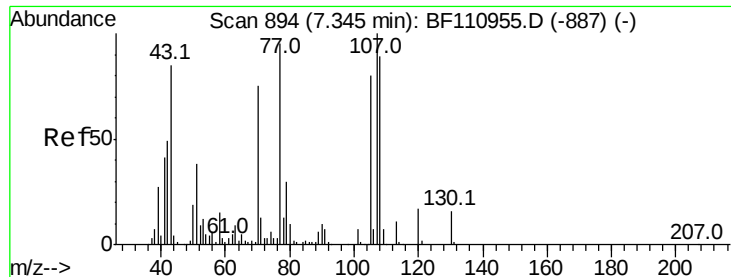
Ion Ratio Lower Upper

117 100

119 95.2 75.0 112.6

201 81.8 79.2 118.8

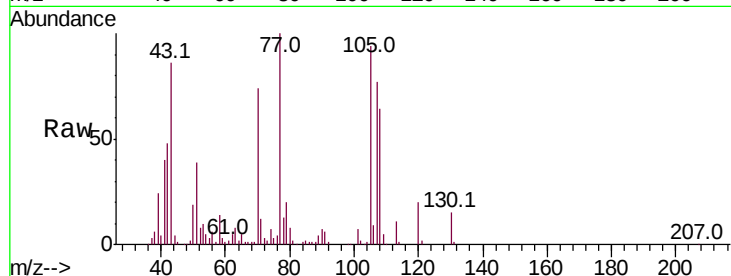




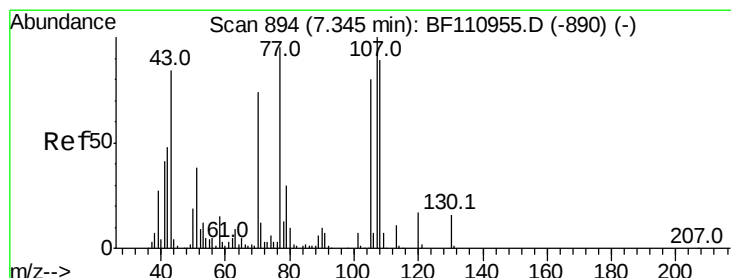
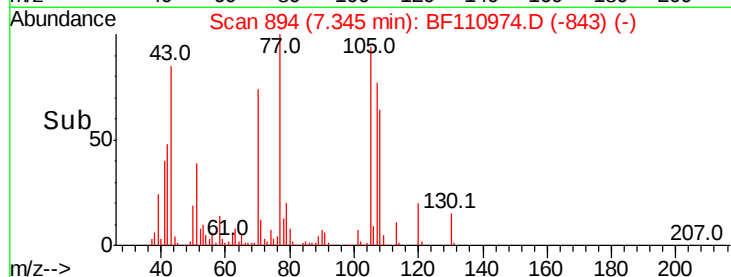
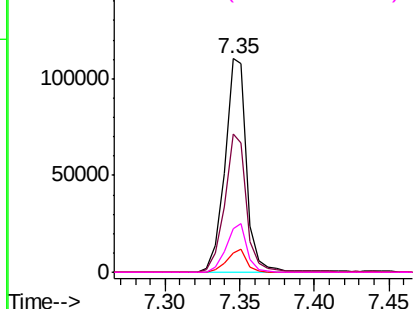
#19
n-Nitroso-di-n-propylamine
Concen: 37.875 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Instrument :
BNA_F
ClientSampleId :
COMP-3MS

Tot Ion: 70 Resp: 114157
Ion Ratio Lower Upper
70 100
42 64.6 47.4 71.2
101 9.1 7.3 10.9
130 20.4 16.2 24.2

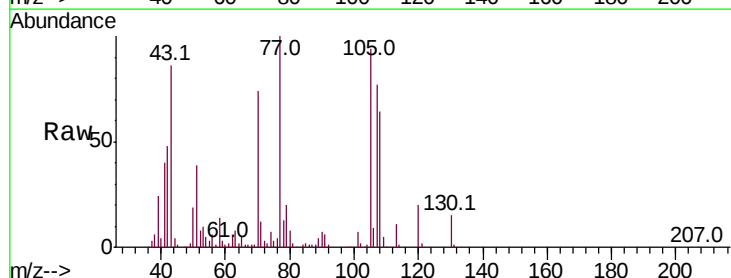


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

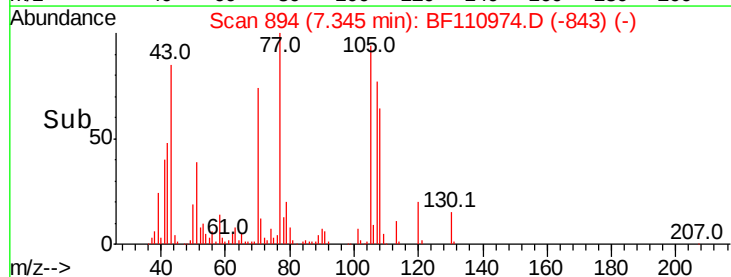
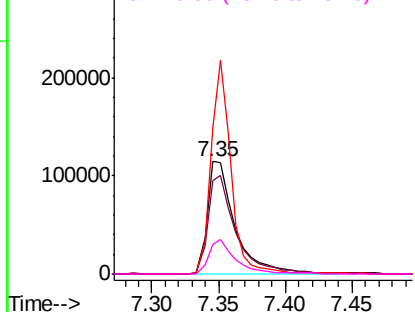


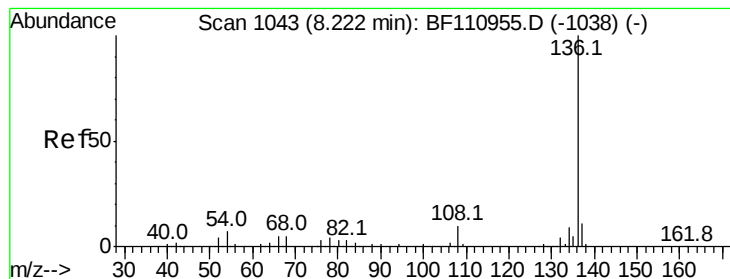
#20
3+4-Methylphenols
Concen: 37.864 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Tgt Ion: 107 Resp: 168398
Ion Ratio Lower Upper
107 100
108 83.1 71.4 111.4
77 129.7 47.3 87.3#
79 26.0 10.9 50.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

Tot Ion:136 Resp: 213762

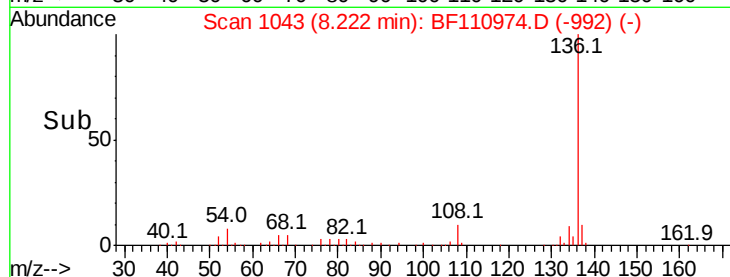
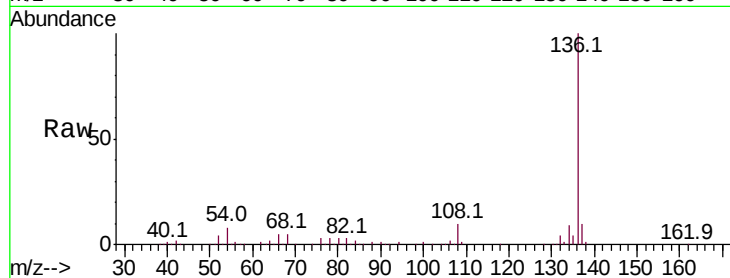
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 7.9 5.4 8.2

68 5.0 4.2 6.2

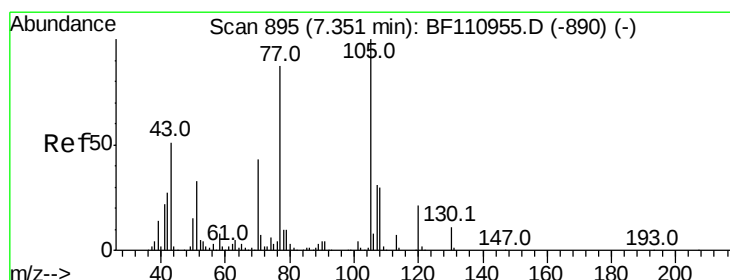
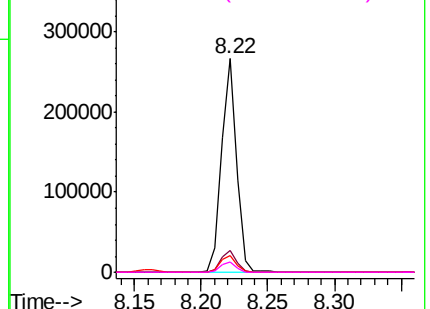


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.195 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Tgt Ion:105 Resp: 231461

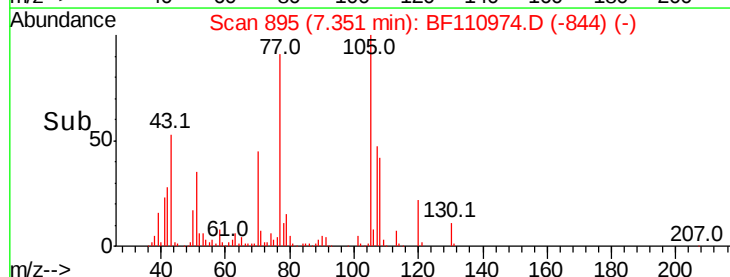
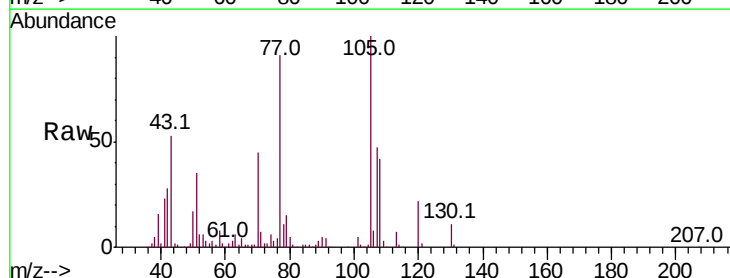
Ion Ratio Lower Upper

105 100

71 7.3 5.2 7.8

51 34.9 21.8 32.8#

120 21.8 17.0 25.4

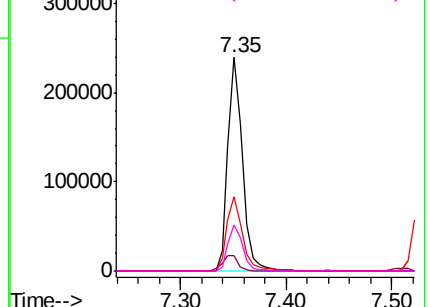


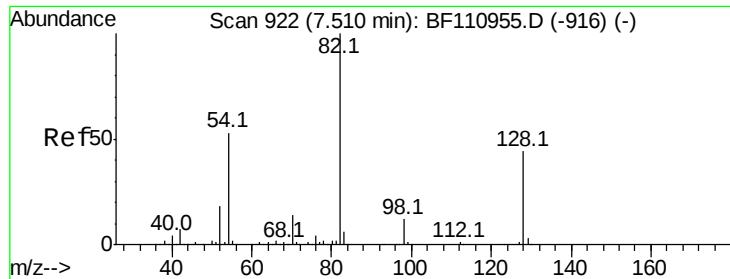
Abundance Ion 105.00 (104.70 to 105.70): E

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

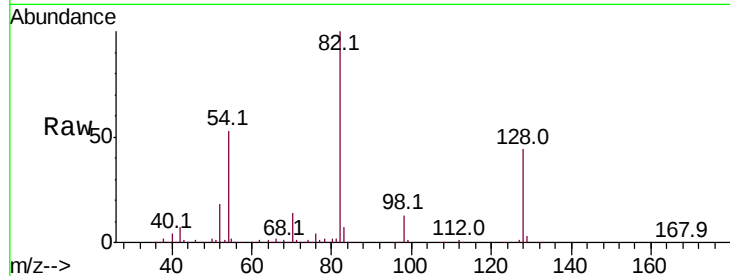




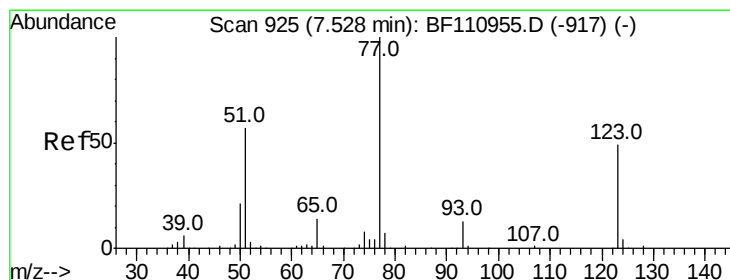
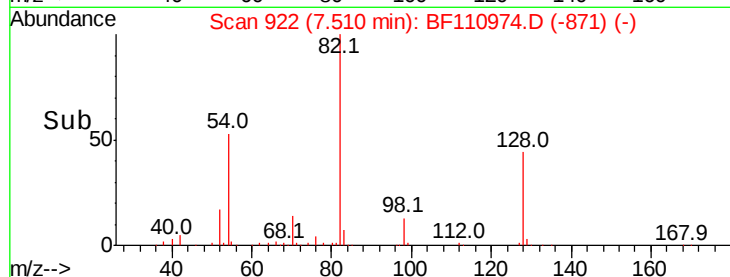
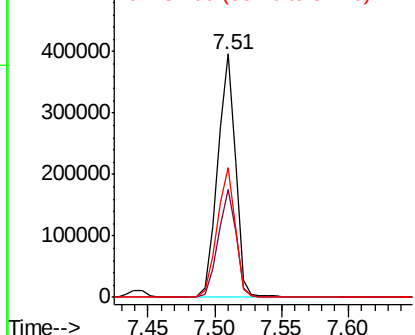
#23
 Nitrobenzene-d5
 Concen: 101.222 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

Tot Ion	82	Resp	378074
Ion Ratio	Lower	Upper	
82	100		
128	44.3	34.2	51.2
54	53.2	38.6	58.0

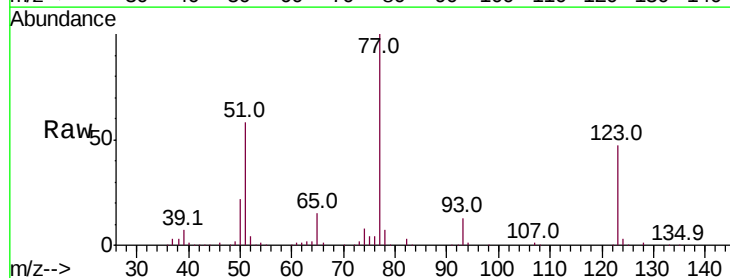


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

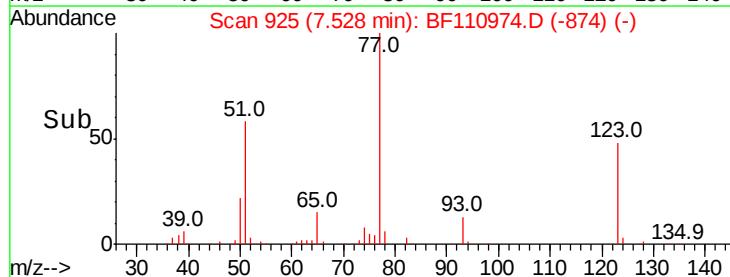
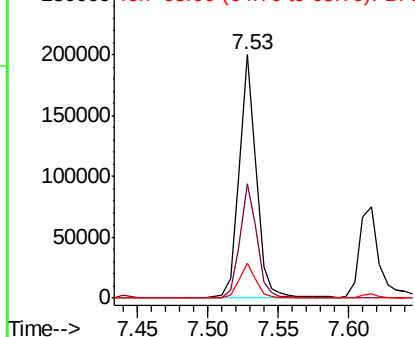


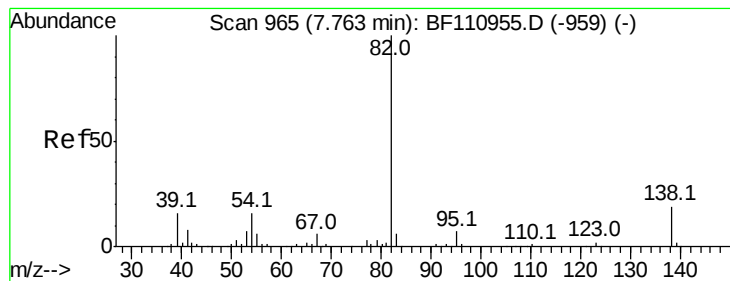
#24
 Nitrobenzene
 Concen: 43.670 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Tgt Ion	77	Resp	169624
Ion Ratio	Lower	Upper	
77	100		
123	47.1	35.7	53.5
65	14.6	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: 47.212 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

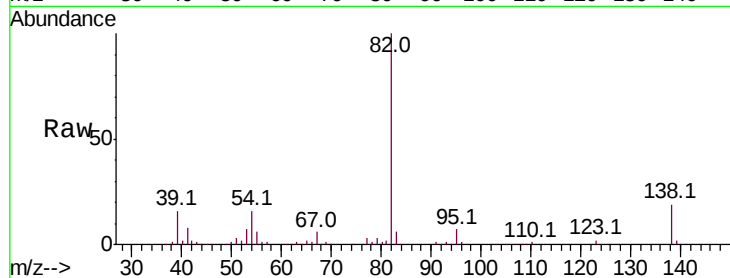
Tot Ion: 82 Resp: 289261

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

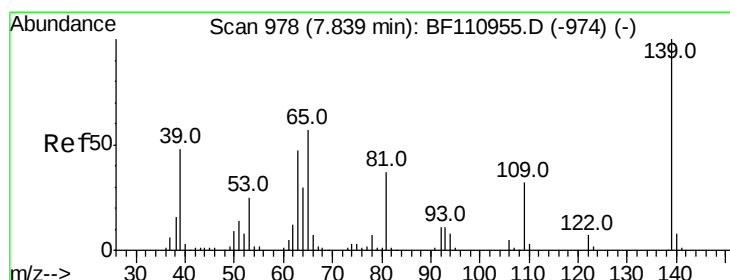
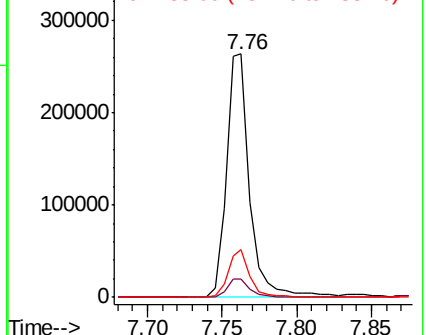
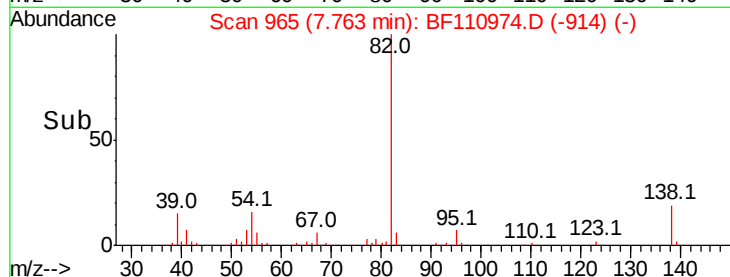
138 19.4 13.2 19.8



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: 42.963 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

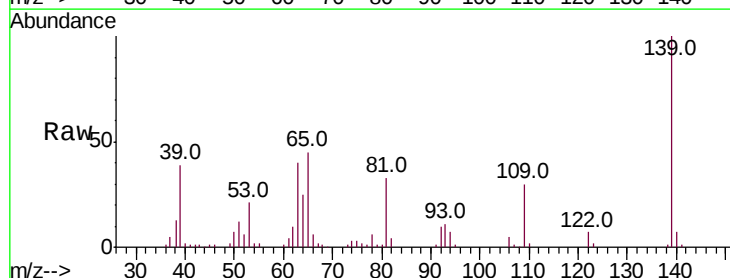
Tgt Ion: 139 Resp: 81074

Ion Ratio Lower Upper

139 100

109 30.3 25.0 37.6

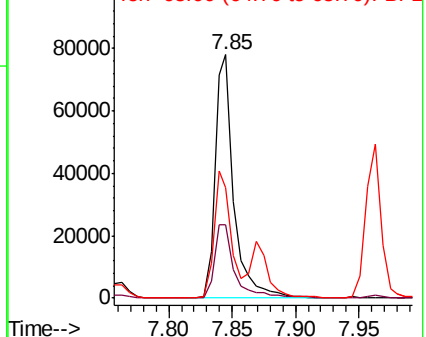
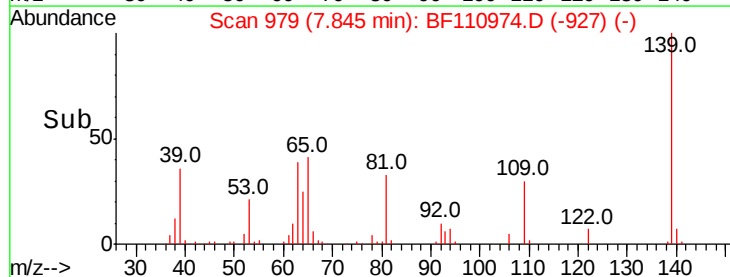
65 45.4 44.0 66.0

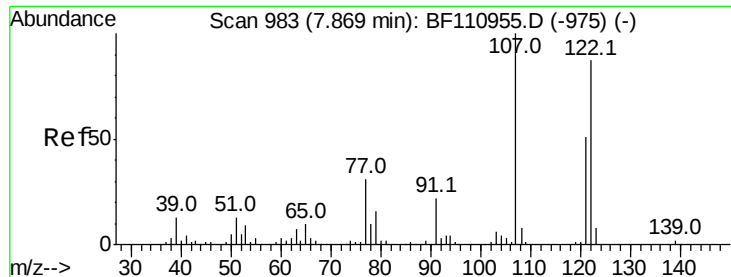


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

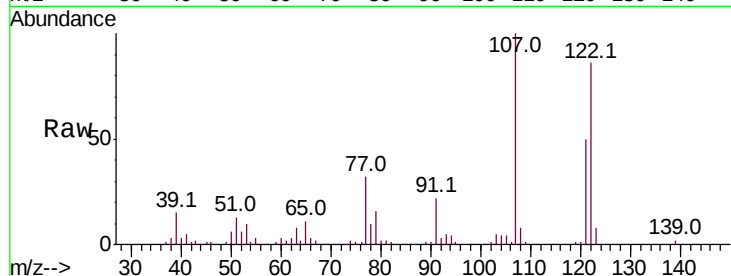




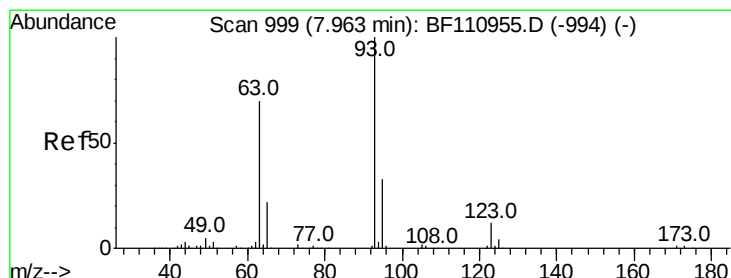
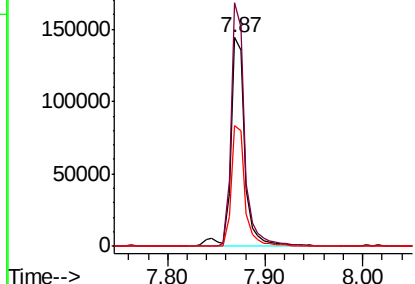
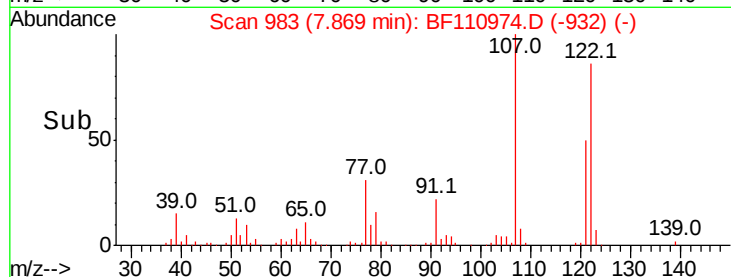
#27
2,4-Dimethylphenol
Concen: 50.686 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Instrument :
BNA_F
ClientSampled :
COMP-3MS

Tot Ion:122 Resp: 144445
Ion Ratio Lower Upper
122 100
107 116.8 92.5 138.7
121 57.9 45.8 68.8

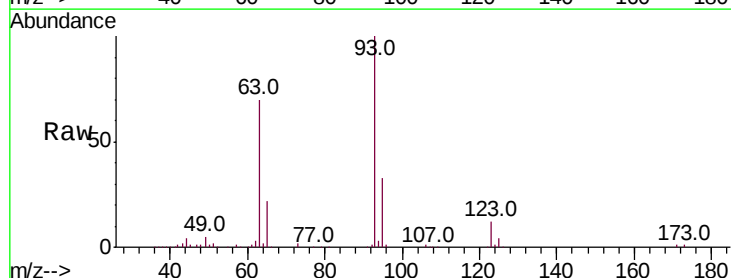


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

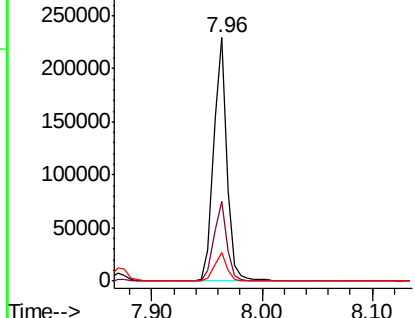
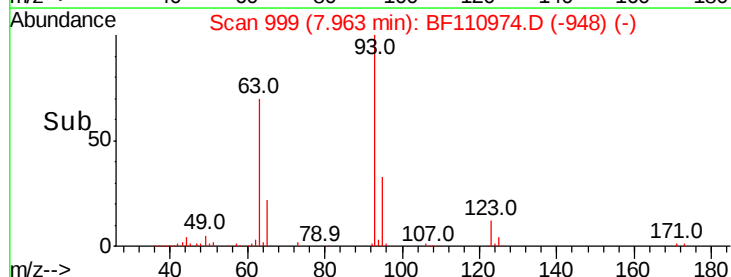


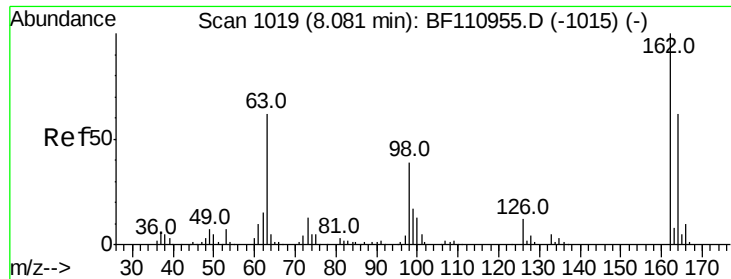
#28
bis(2-Chloroethoxy)methane
Concen: 45.654 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Tgt Ion: 93 Resp: 187390
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 11.6 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

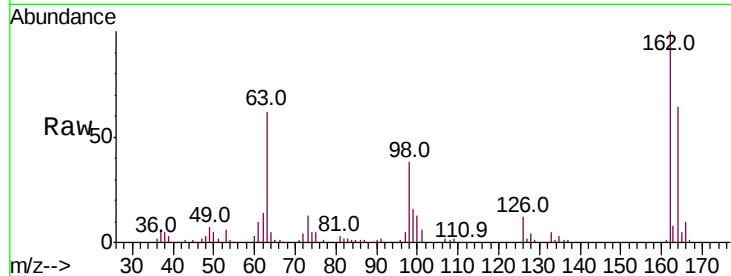




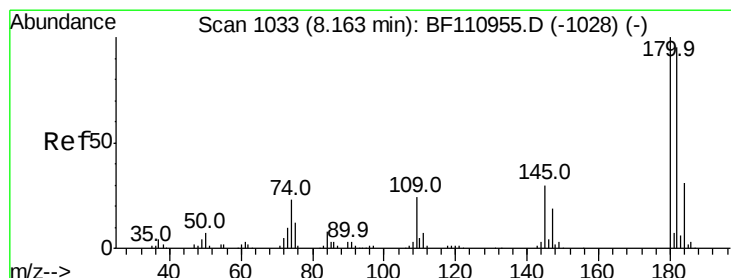
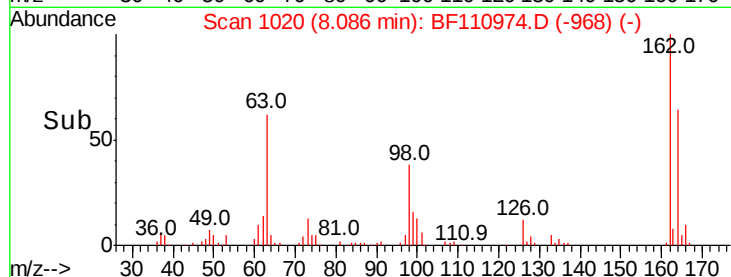
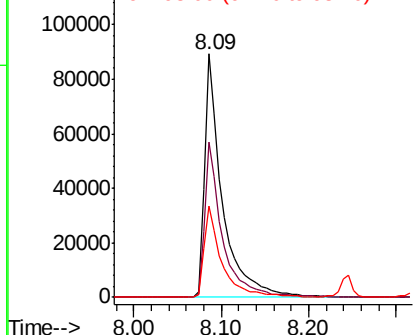
#29
 2,4-Dichlorophenol
 Concen: 42.033 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

Tot Ion:162 Resp: 125346
 Ion Ratio Lower Upper
 162 100
 164 63.6 44.6 84.6
 98 37.6 17.4 57.4

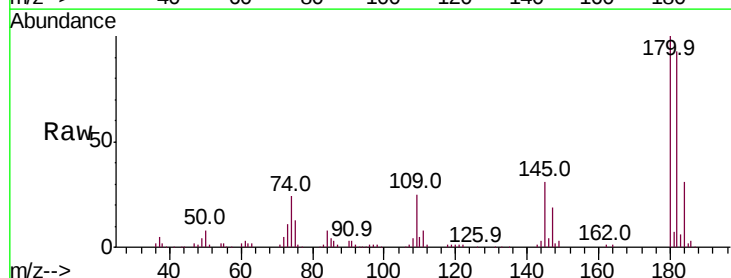


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

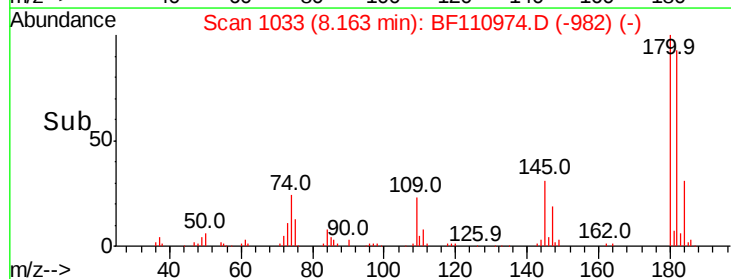
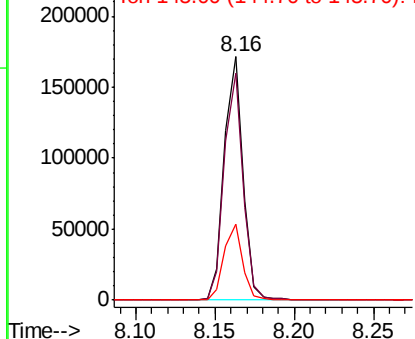


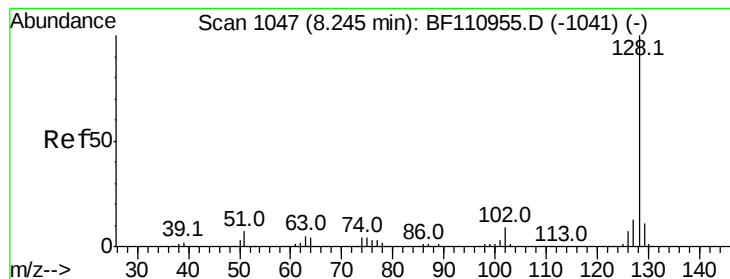
#30
 1,2,4-Trichlorobenzene
 Concen: 42.109 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Tgt Ion:180 Resp: 140730
 Ion Ratio Lower Upper
 180 100
 182 93.2 80.3 120.5
 145 31.2 25.4 38.0



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





#31

Naphthalene

Concen: 44.875 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

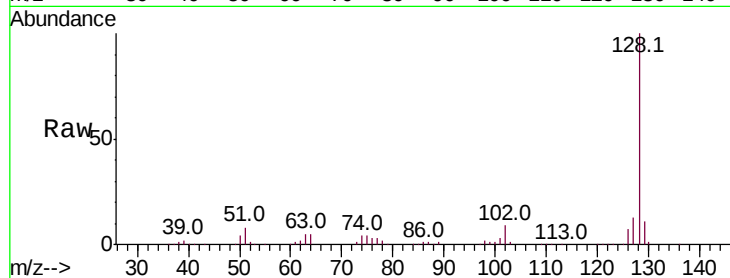
Tot Ion:128 Resp: 449660

Ion Ratio Lower Upper

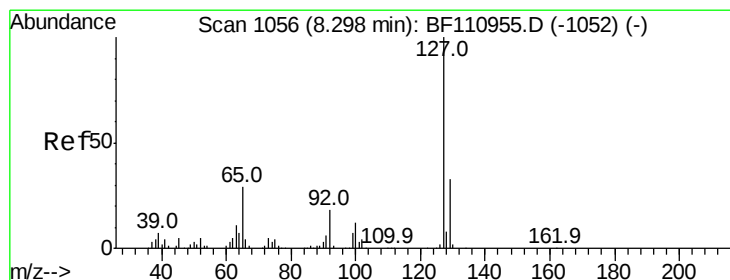
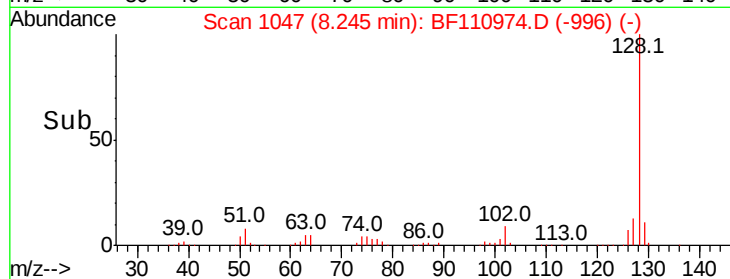
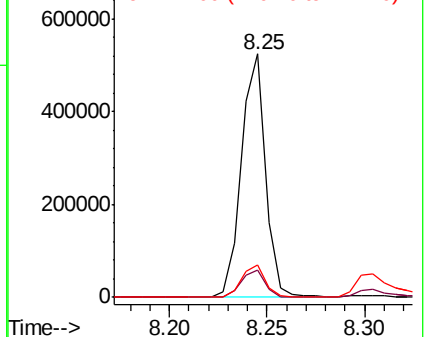
128 100

129 11.0 8.8 13.2

127 13.4 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



#33

4-Chloroaniline

Concen: 18.811 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Tgt Ion:127 Resp: 80228

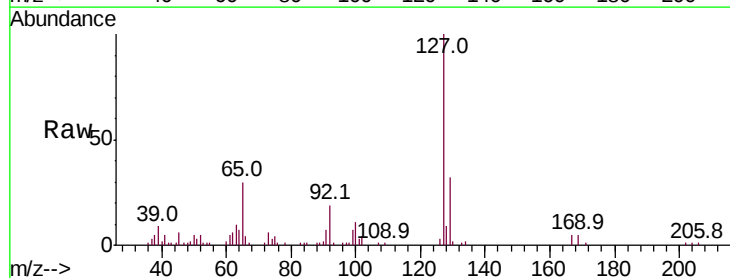
Ion Ratio Lower Upper

127 100

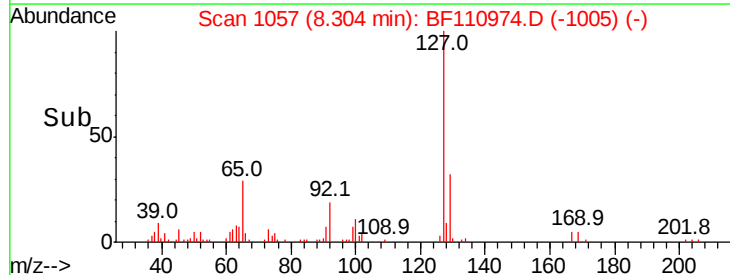
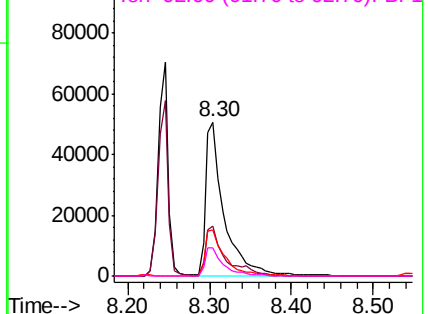
129 32.1 26.0 39.0

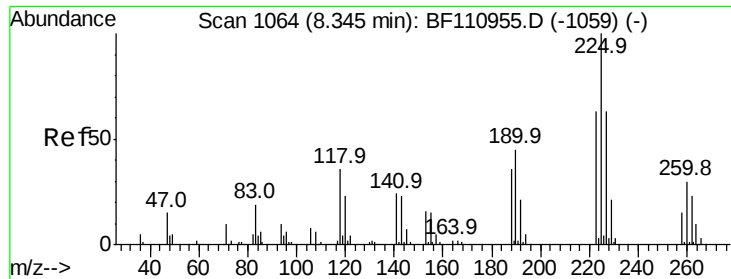
65 30.2 25.1 37.7

92 18.7 15.0 22.6



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

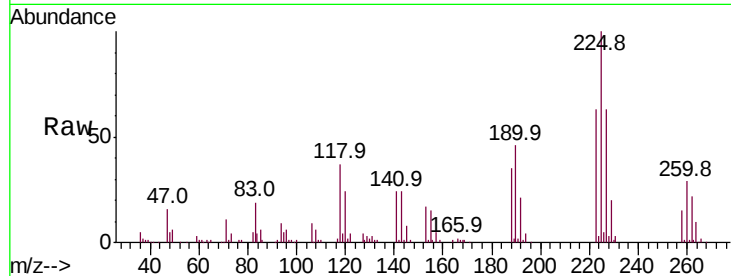




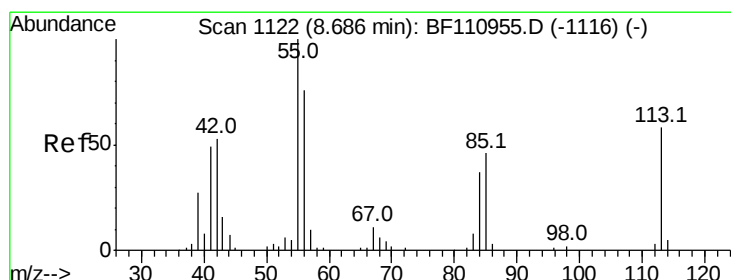
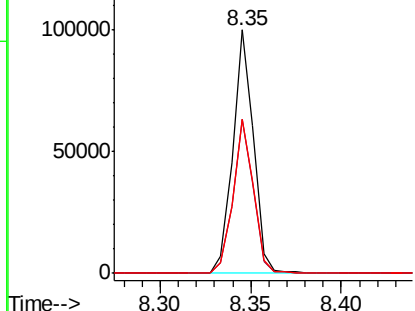
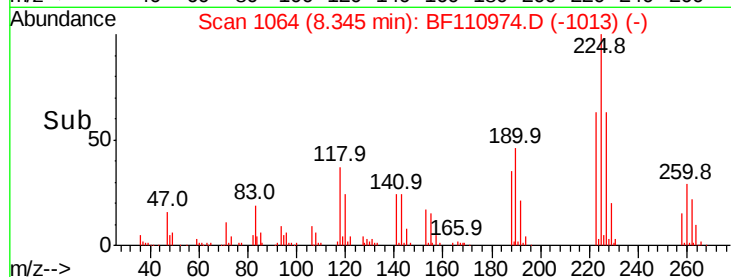
#34
Hexachlorobutadiene
Concen: 41.622 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Instrument :
BNA_F
ClientSampleId :
COMP-3MS

Tot Ion:225 Resp: 79227
Ion Ratio Lower Upper
225 100
223 63.3 51.4 77.2
227 63.1 51.0 76.6

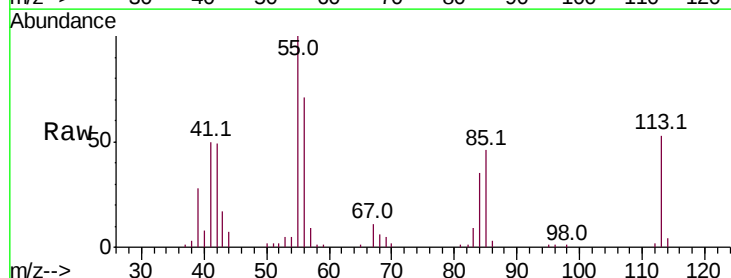


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

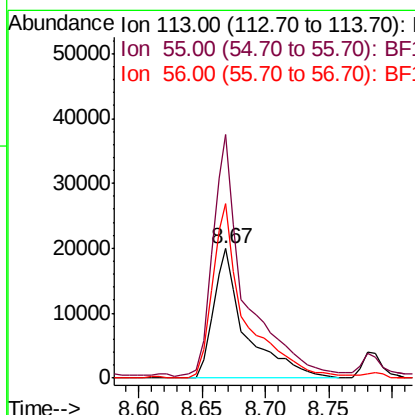
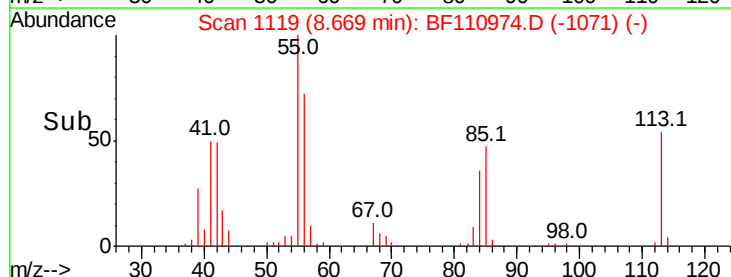


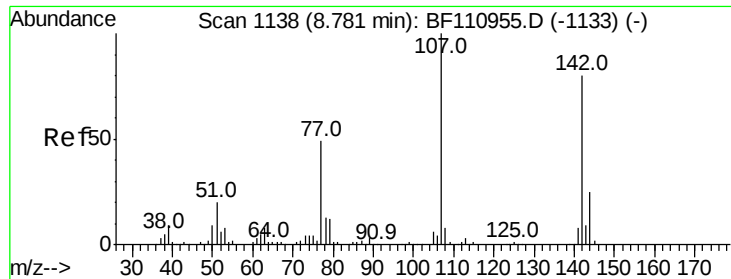
#35
Caprolactam
Concen: 34.581 ng
RT: 8.67 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Tgt Ion:113 Resp: 35207
Ion Ratio Lower Upper
113 100
55 188.2 142.8 182.8#
56 134.5 105.0 145.0



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

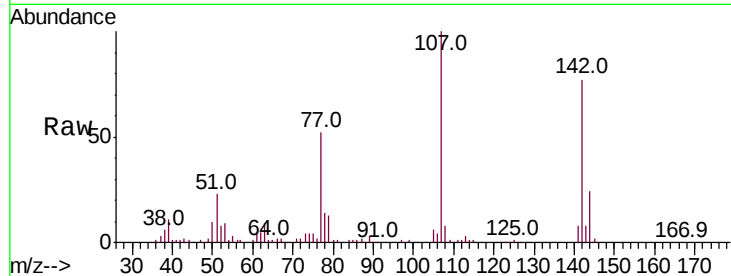




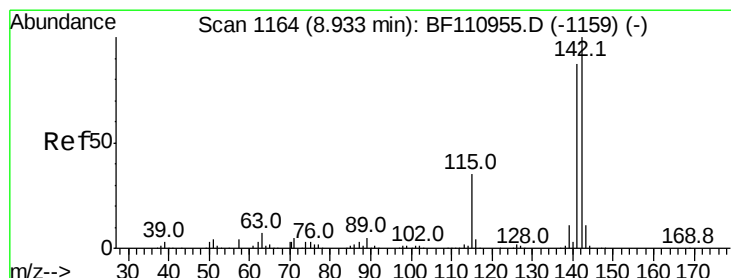
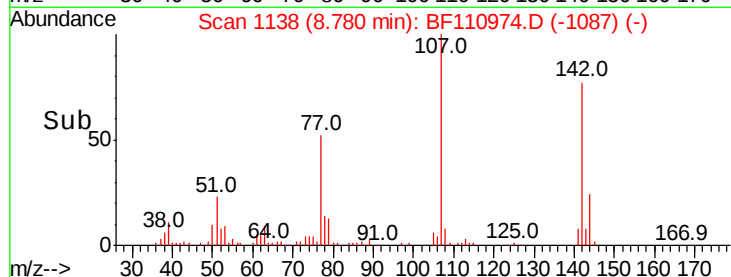
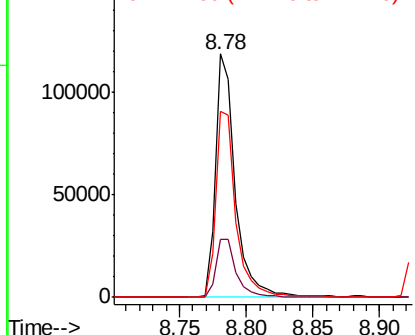
#36
 4-Chloro-3-methylphenol
 Concen: 37.594 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

Tot Ion:107 Resp: 124563
 Ion Ratio Lower Upper
 107 100
 144 24.0 20.0 30.0
 142 76.6 59.7 89.5

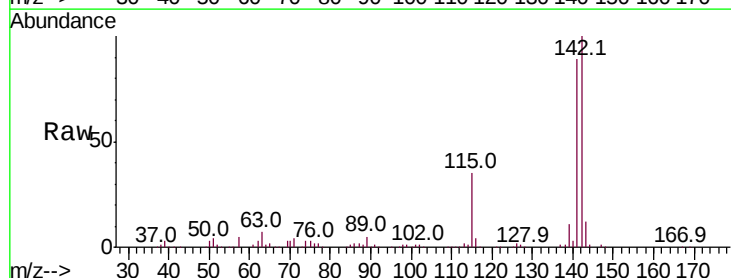


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

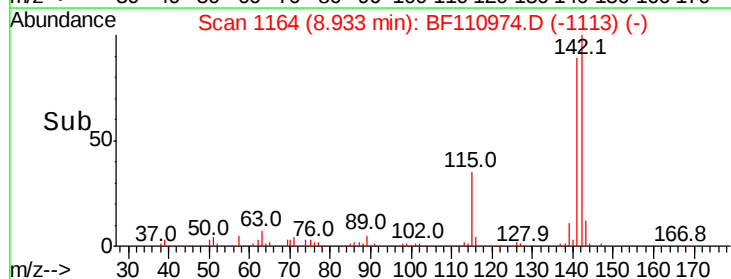
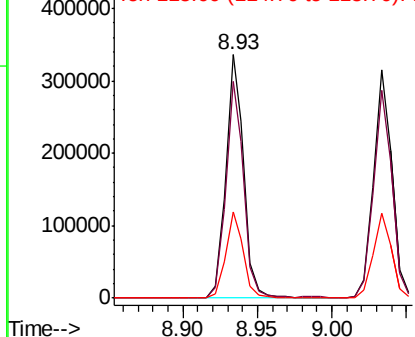


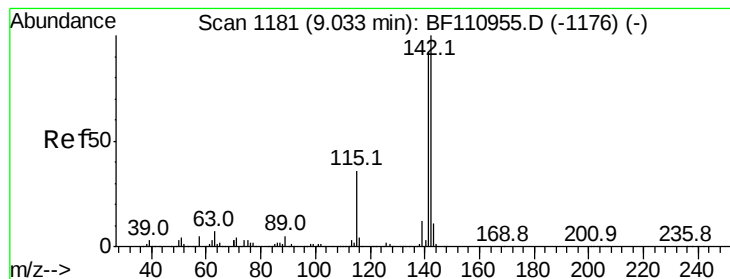
#37
 2-Methylnaphthalene
 Concen: 43.217 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Tgt Ion:142 Resp: 286031
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.4 107.2
 115 35.5 28.7 43.1



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





#38

1-Methylnaphthalene

Concen: 41.007 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

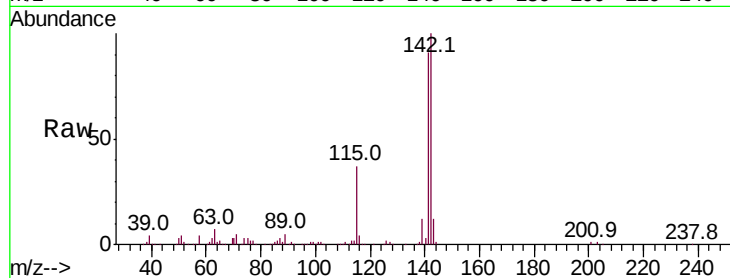
Tot Ion:142 Resp: 263989

Ion Ratio Lower Upper

142 100

141 91.2 74.2 111.4

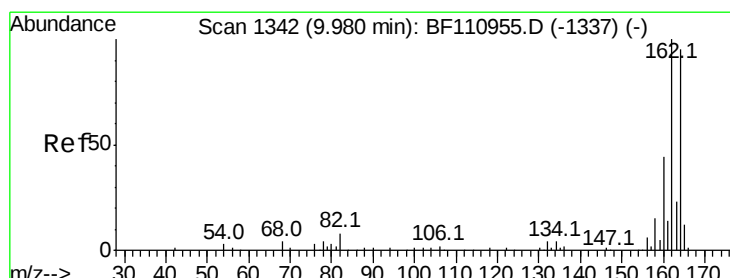
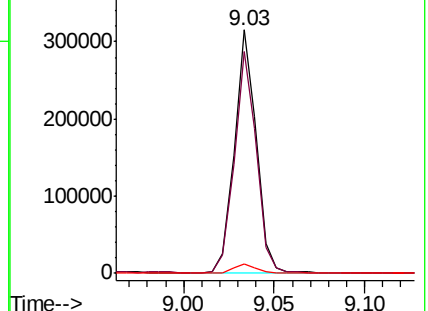
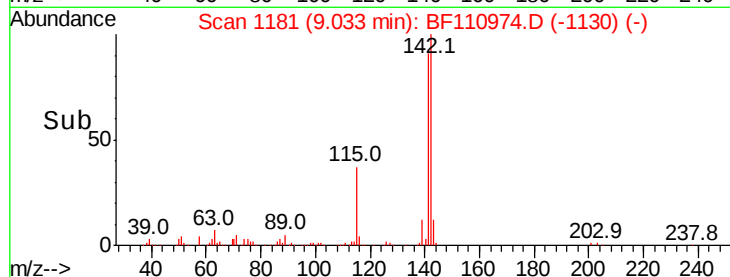
116 3.9 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

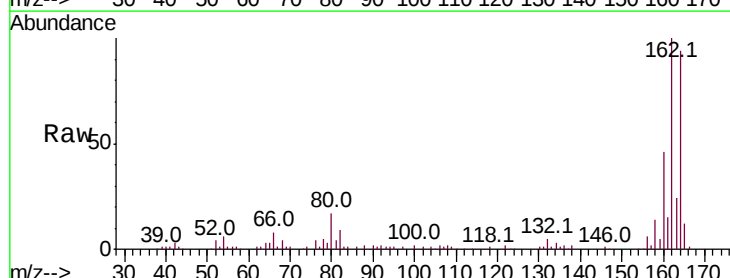
Tgt Ion:164 Resp: 80025

Ion Ratio Lower Upper

164 100

162 106.0 83.0 124.6

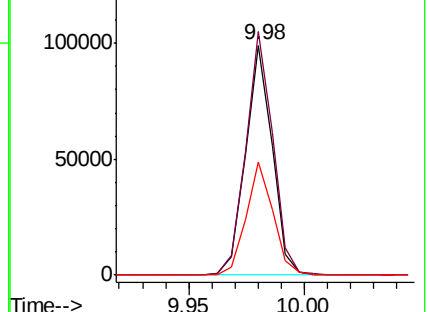
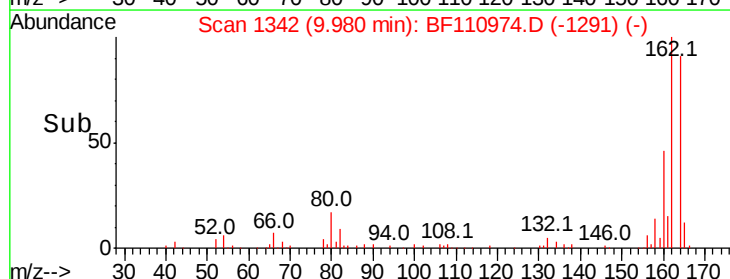
160 49.0 37.0 55.6

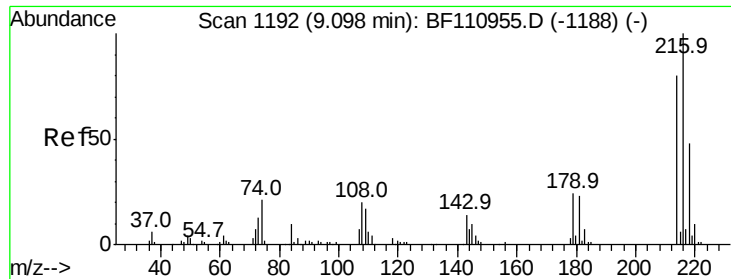


Abundance Ion 164.00 (163.70 to 164.70): E

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: 47.209 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

Tot Ion:216 Resp: 118844

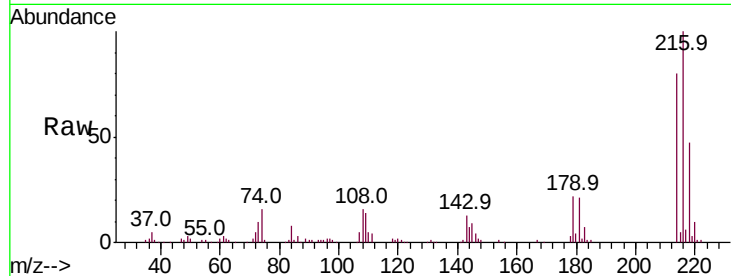
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.6

179 22.8 16.6 25.0

108 17.8 15.1 22.7

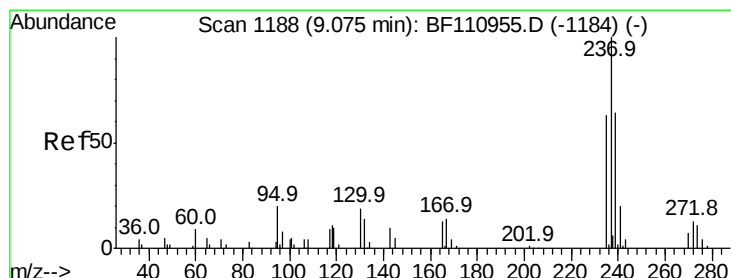
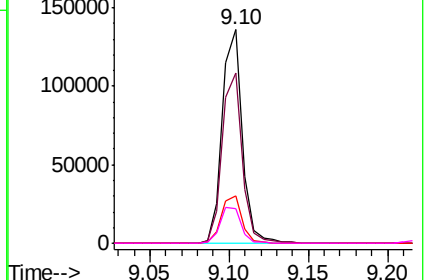
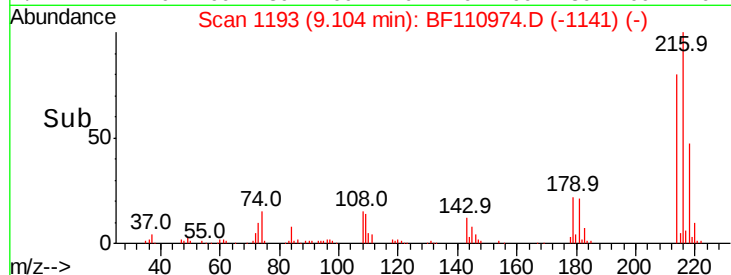


Abundance Ion 216.00 (215.70 to 216.70): E

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: 10.663 ng

RT: 9.07 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

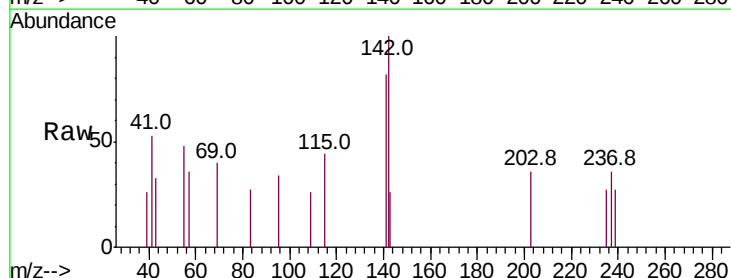
Tgt Ion:237 Resp: 147

Ion Ratio Lower Upper

237 100

235 75.0 43.1 83.1

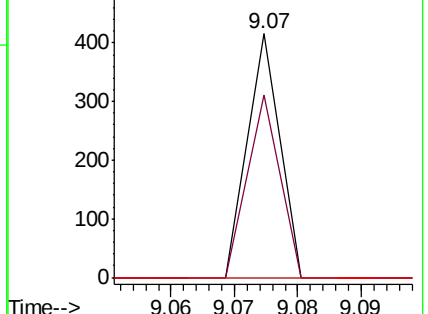
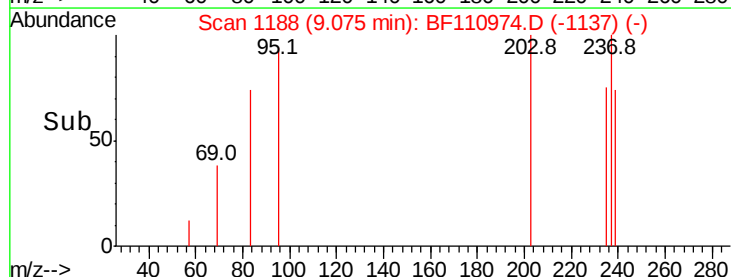
272 0.0 0.0 32.6

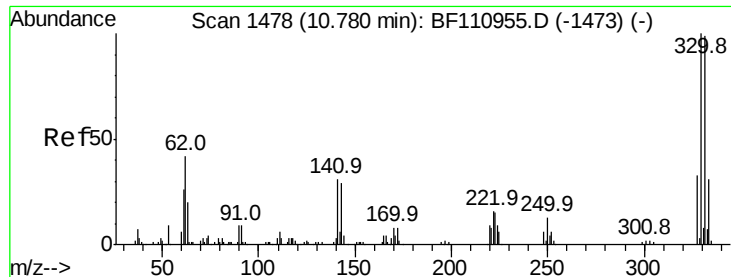


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

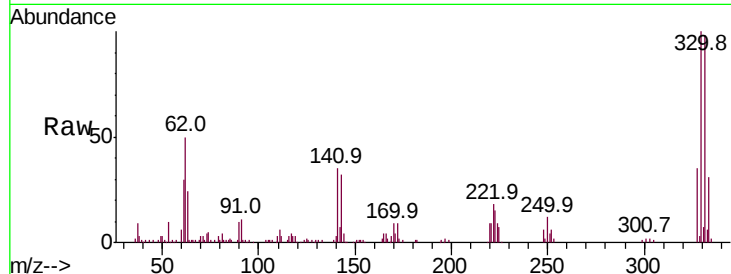




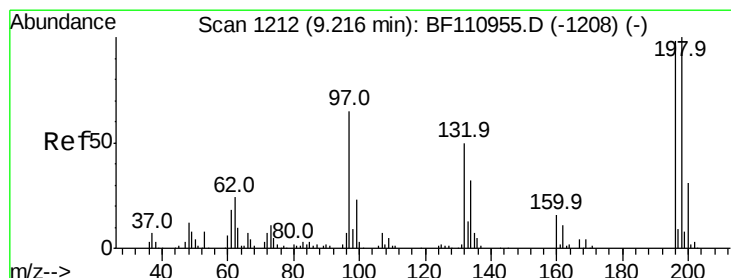
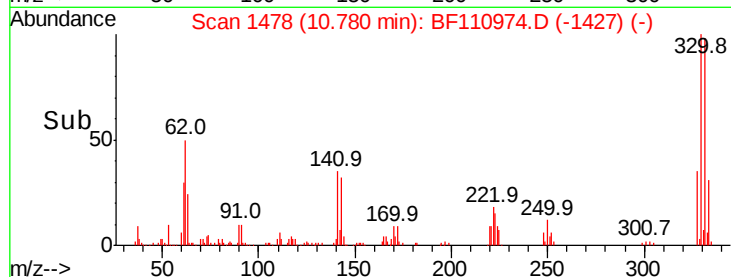
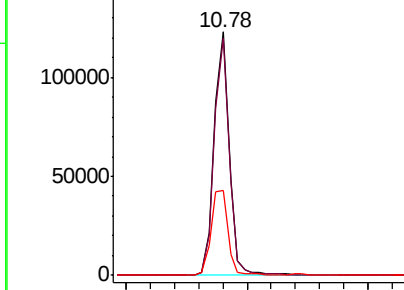
#42
 2,4,6-Tribromophenol
 Concen: 132.686 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	39.1	27.0	40.4

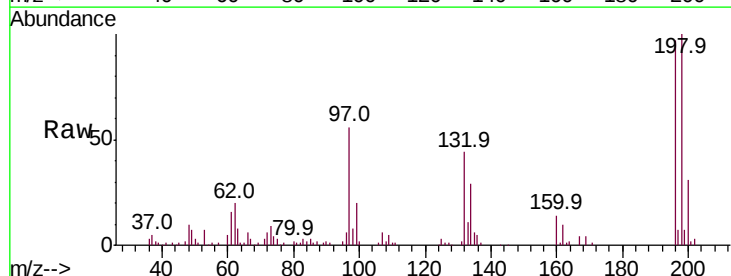


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

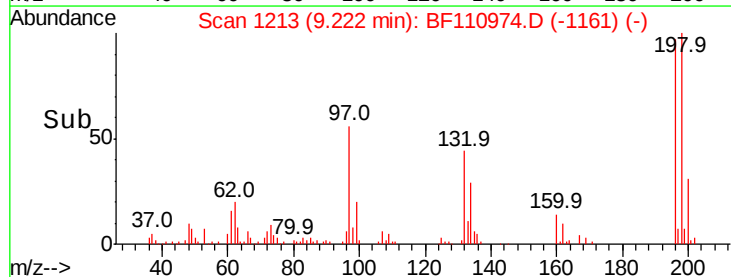
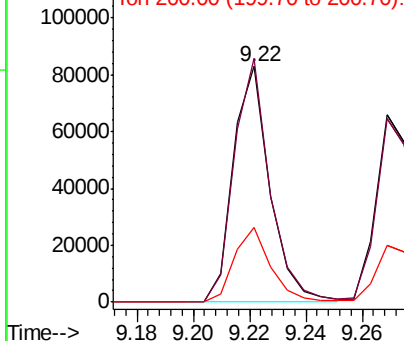


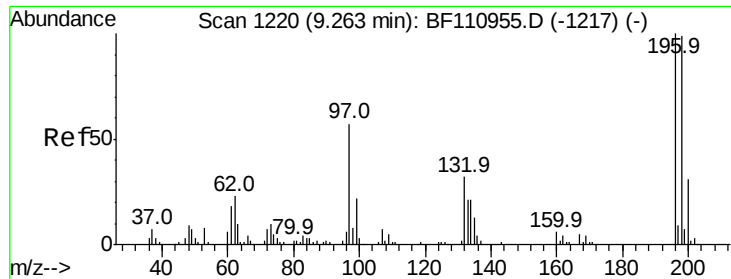
#43
 2,4,6-Trichlorophenol
 Concen: 49.717 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.3	76.2	114.4
200	31.7	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

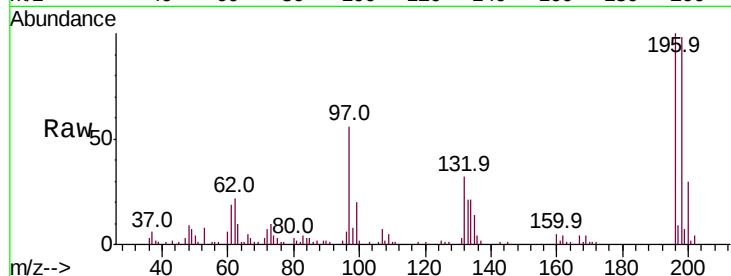




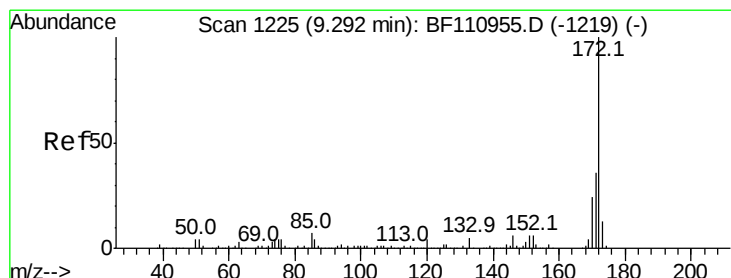
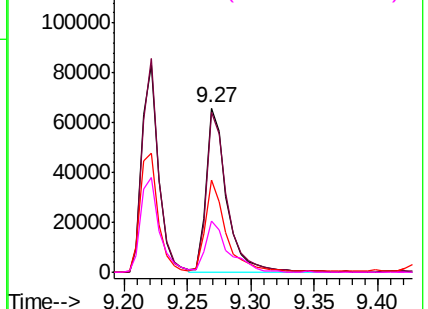
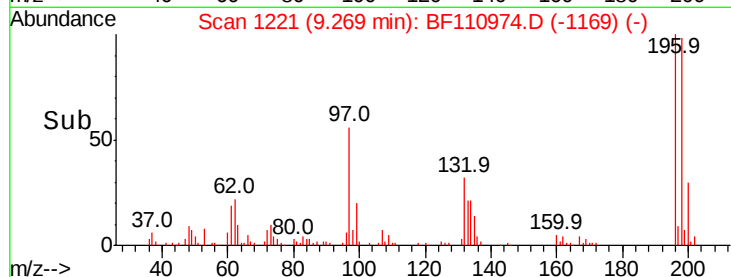
#44
 2,4,5-Trichlorophenol
 Concen: 47.680 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

Tot Ion:196 Resp: 75482
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.8 113.6
 97 56.4 42.4 63.6
 132 31.6 22.8 34.2

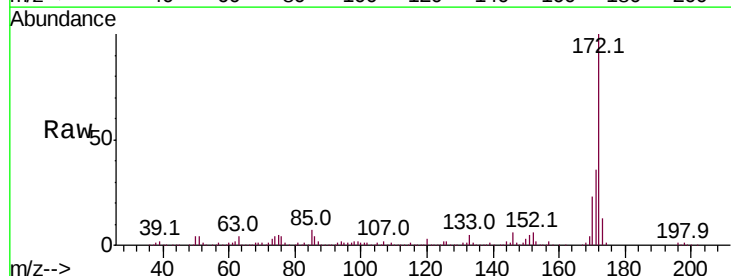


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

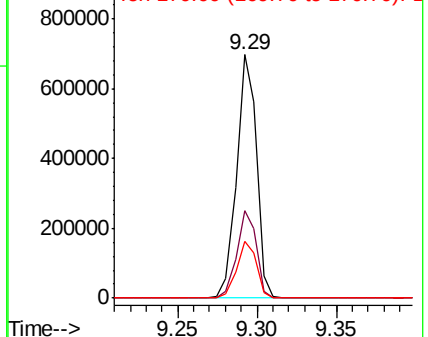
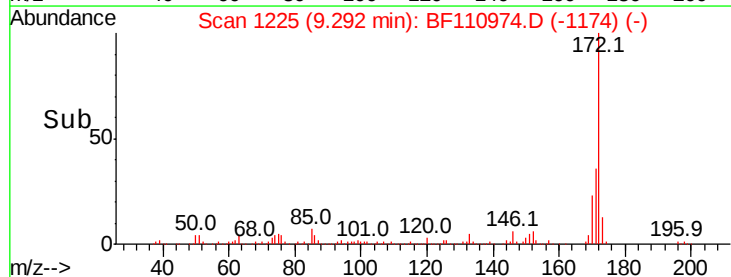


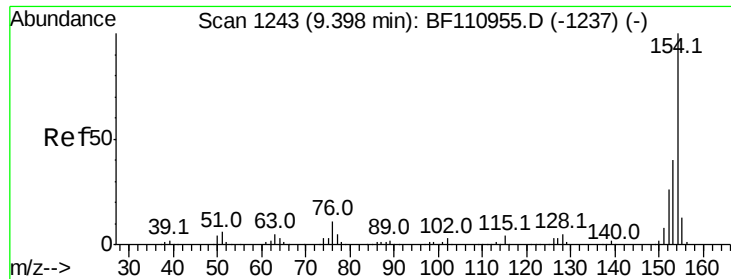
#45
 2-Fluorobiphenyl
 Concen: 109.678 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Tgt Ion:172 Resp: 605821
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

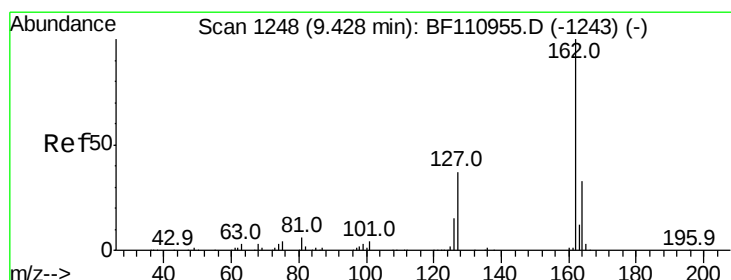
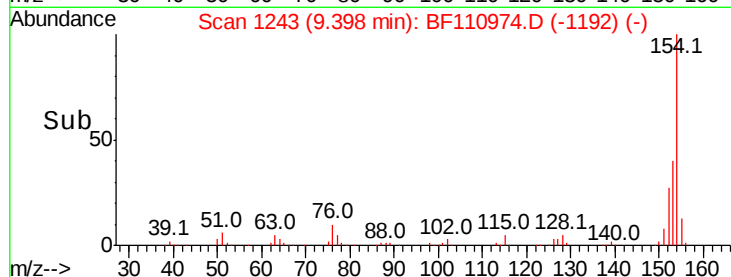
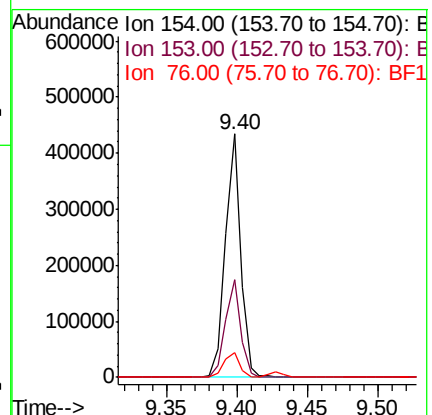
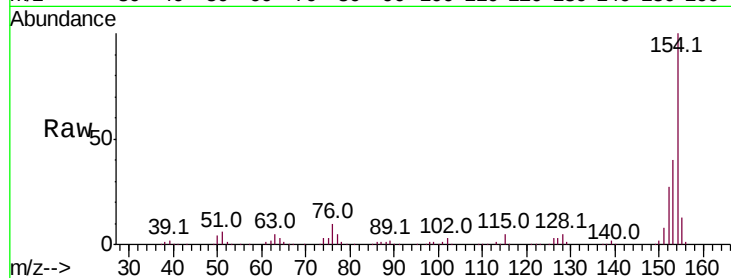




#46
 1,1'-Biphenyl
 Concen: 44.731 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

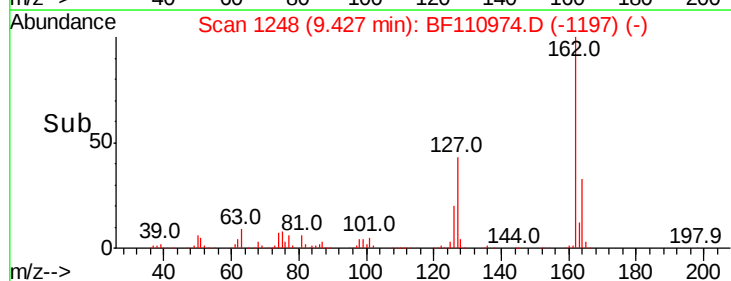
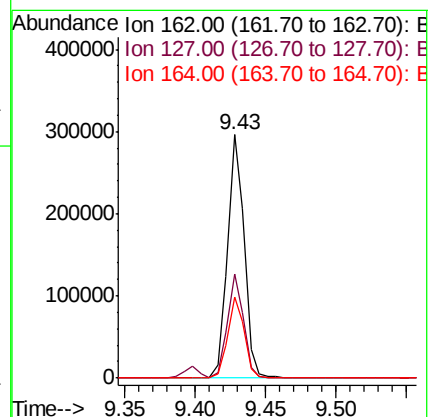
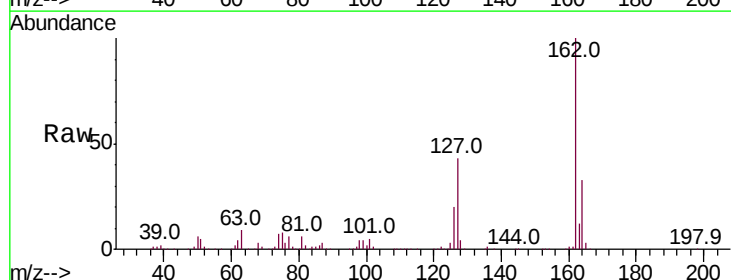
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

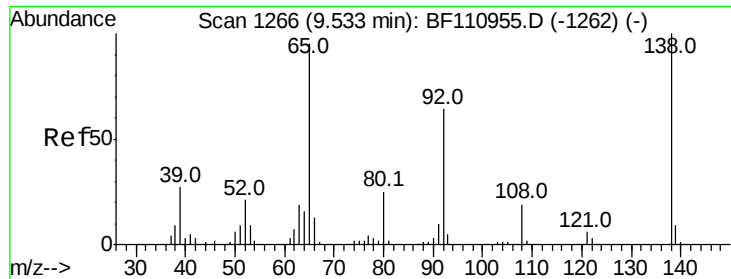
Tot Ion:	154	Resp:	330020
Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.4	60.4
76	10.2	0.0	31.9



#47
 2-Chloronaphthalene
 Concen: 45.466 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Tgt Ion:	162	Resp:	243214
Ion	Ratio	Lower	Upper
162	100		
127	42.9	32.6	48.8
164	33.0	25.9	38.9

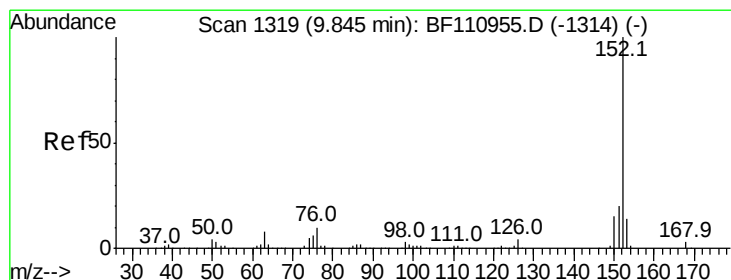
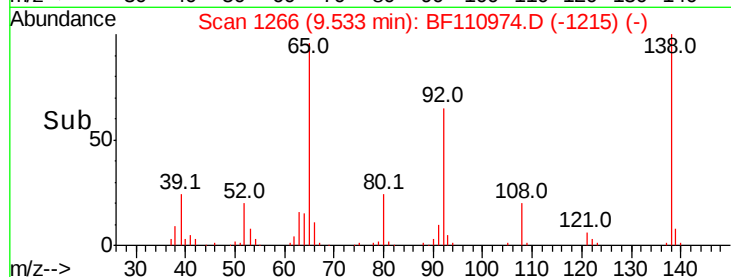
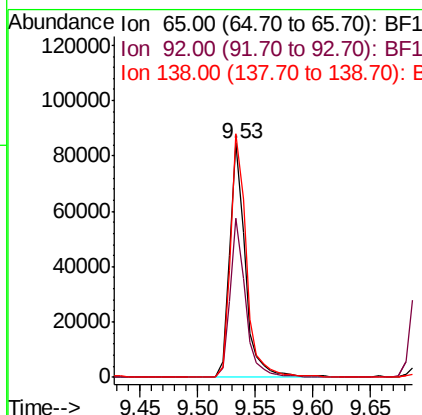
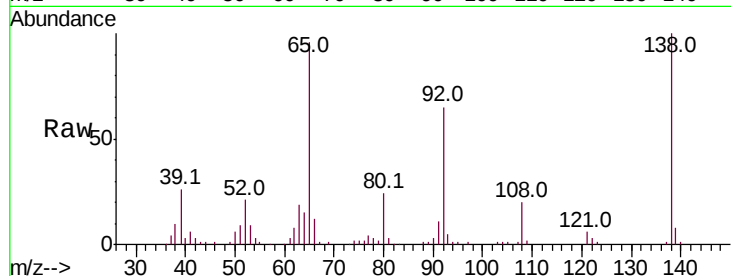




#48
 2-Nitroaniline
 Concen: 47.242 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

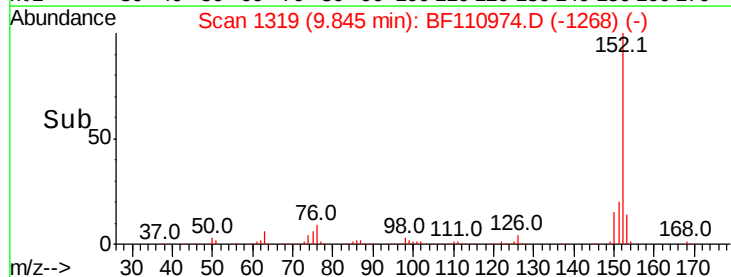
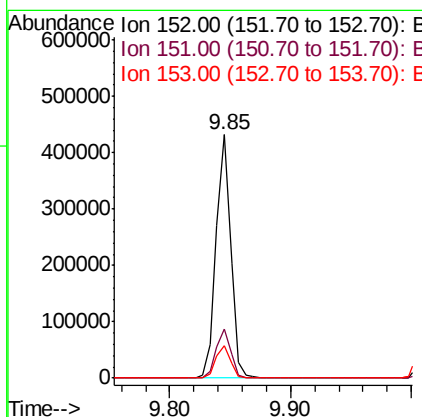
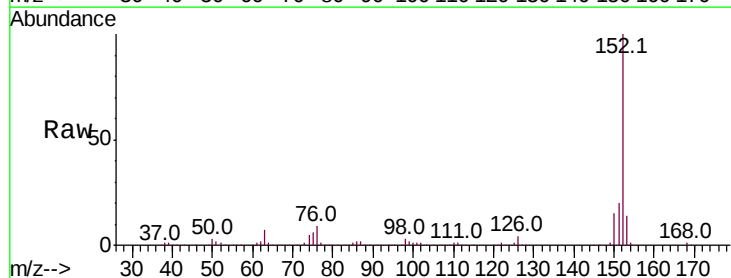
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

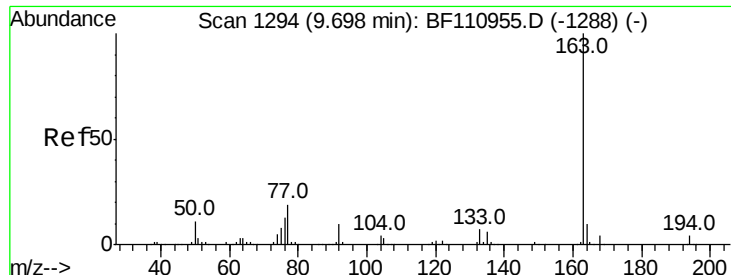
Tot Ion: 65 Resp: 79045
 Ion Ratio Lower Upper
 65 100
 92 67.9 54.6 81.8
 138 103.9 80.3 120.5



#49
 Acenaphthylene
 Concen: 47.066 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Tgt Ion:152 Resp: 358017
 Ion Ratio Lower Upper
 152 100
 151 20.0 15.8 23.8
 153 13.5 10.4 15.6

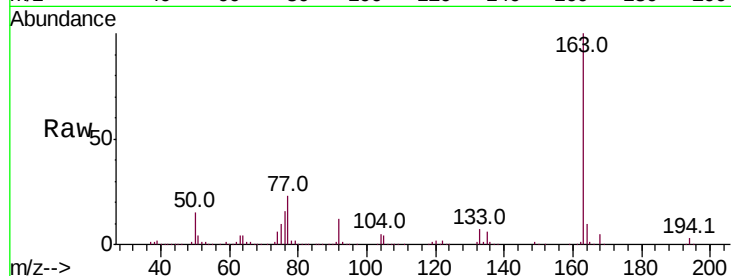




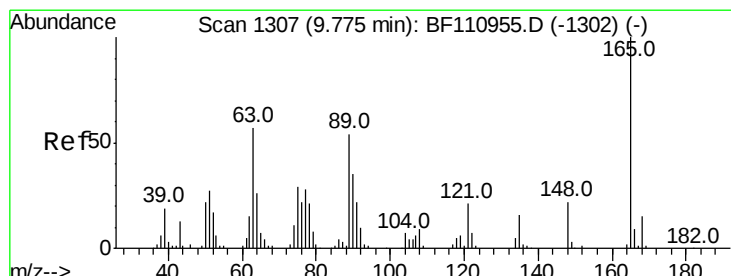
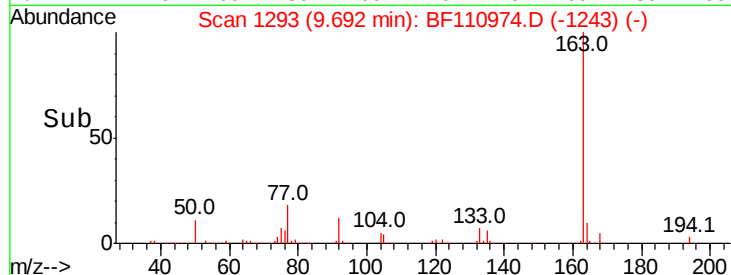
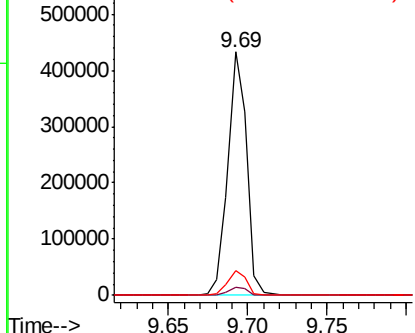
#50
Dimethylphthalate
Concen: 60.763 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Instrument :
BNA_F
ClientSampleId :
COMP-3MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.0	8.1	12.1

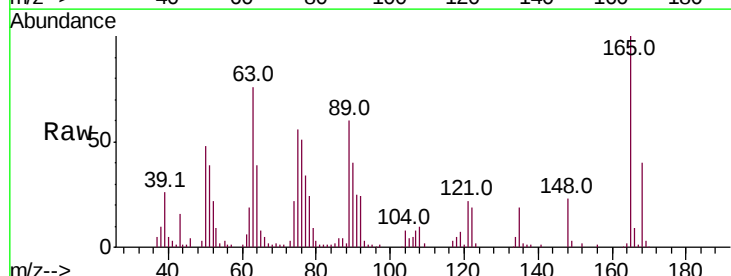


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

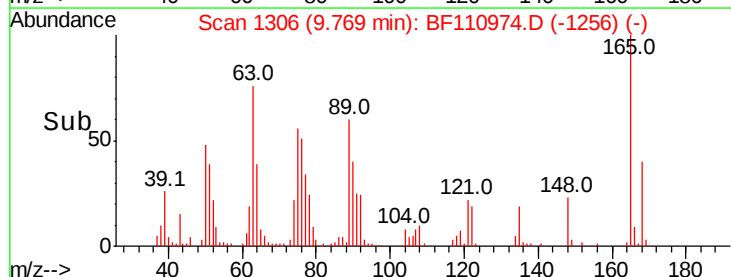
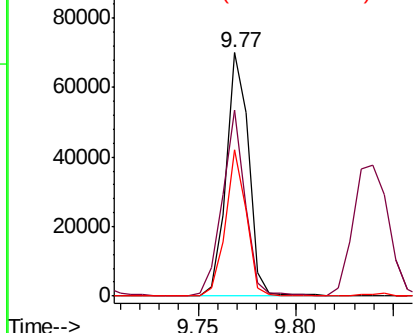


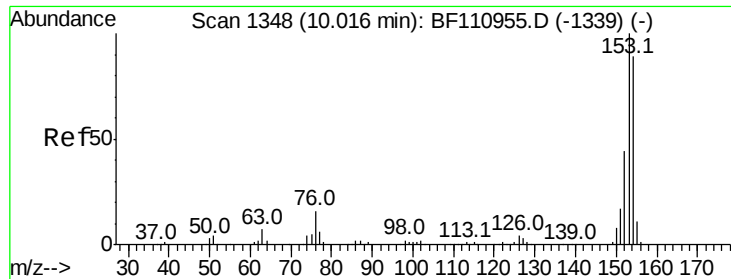
#51
2,6-Dinitrotoluene
Concen: 42.608 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	76.4	48.9	73.3#
89	60.0	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

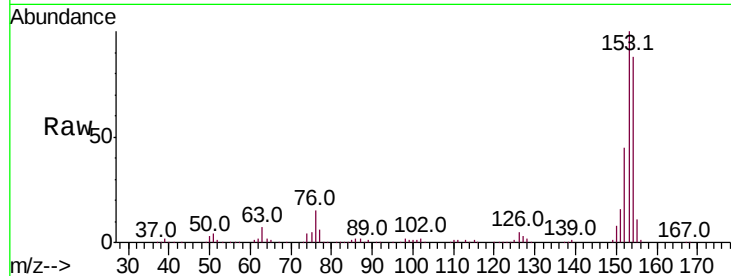




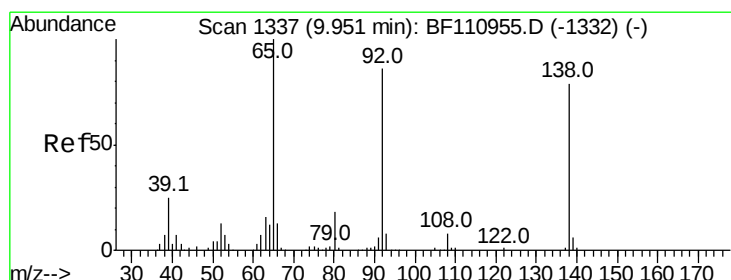
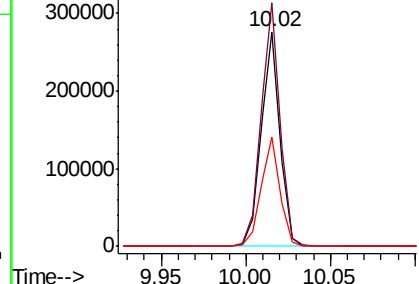
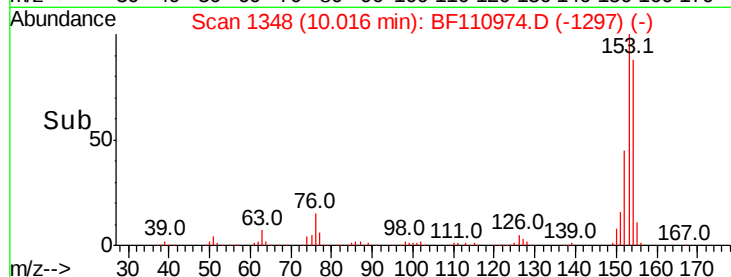
#52
Acenaphthene
Concen: 43.993 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Instrument :
BNA_F
ClientSampleId :
COMP-3MS

Tot Ion:154 Resp: 214529
Ion Ratio Lower Upper
154 100
153 113.7 90.1 135.1
152 51.1 43.4 65.2

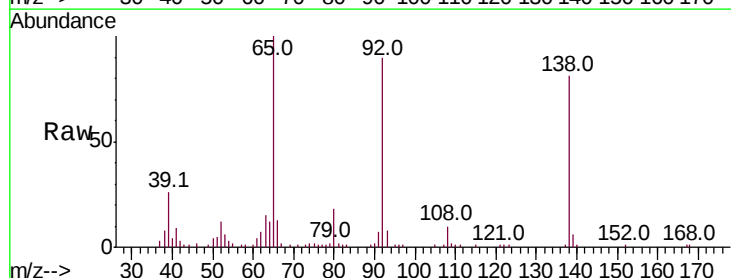


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

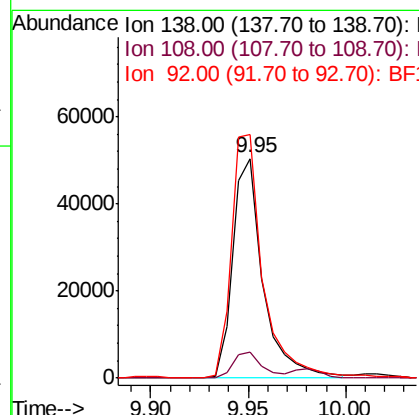
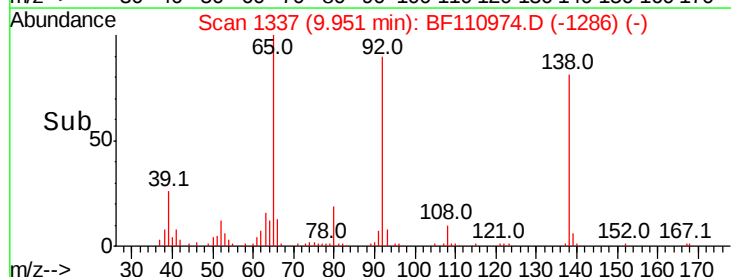


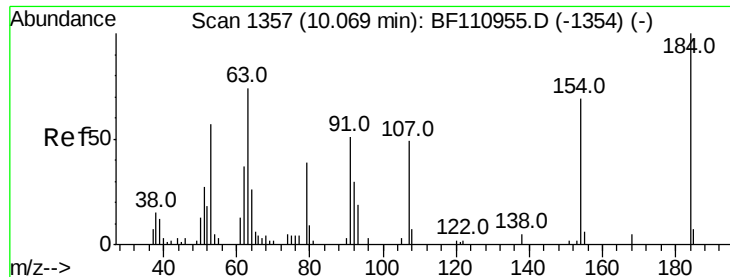
#53
3-Nitroaniline
Concen: 35.712 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Tgt Ion:138 Resp: 54384
Ion Ratio Lower Upper
138 100
108 12.1 8.7 13.1
92 110.9 97.0 145.4



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





#54

2,4-Dinitrophenol

Concen: 6.533 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.02 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

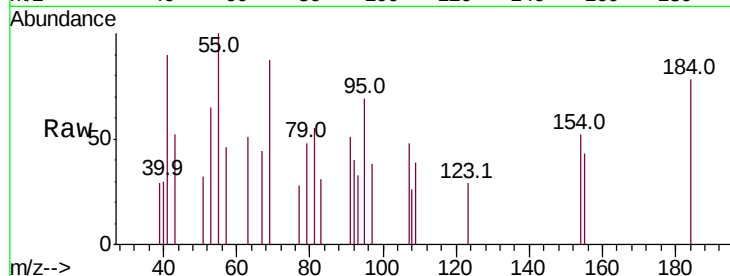
Tot Ion:184 Resp: 1363

Ion Ratio Lower Upper

184 100

63 65.7 55.8 83.6

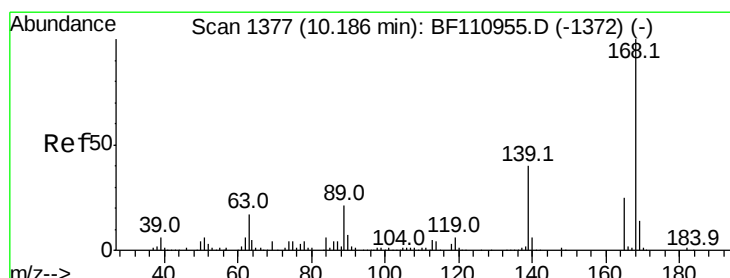
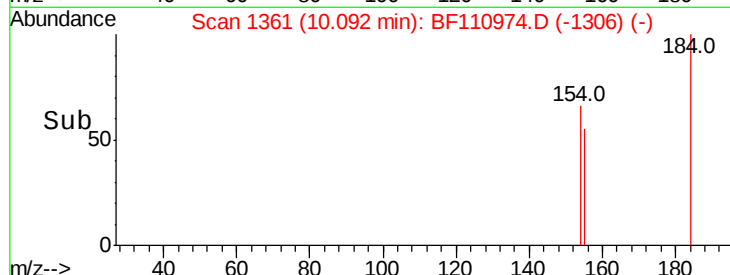
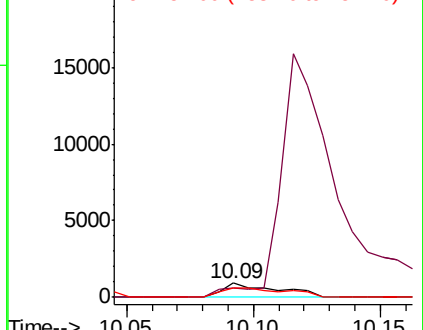
154 66.2 63.2 94.8



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: 42.936 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

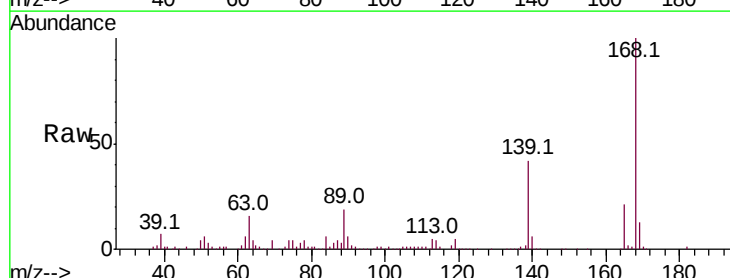
Tgt Ion:168 Resp: 305446

Ion Ratio Lower Upper

168 100

139 41.7 33.0 49.6

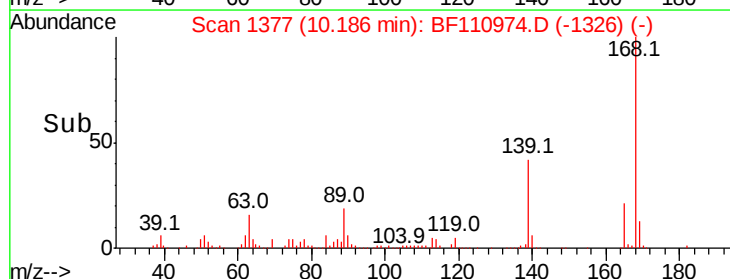
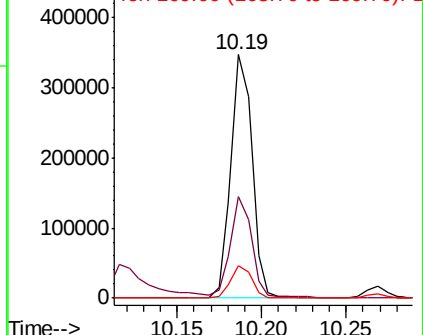
169 13.5 11.3 16.9

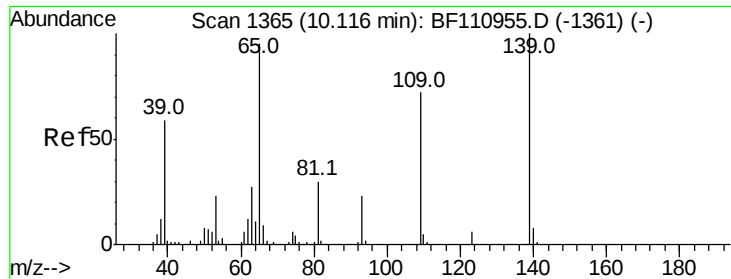


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

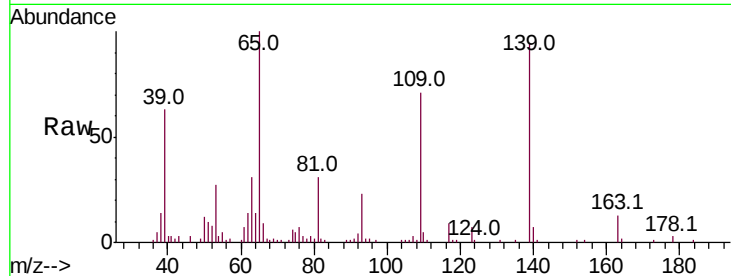




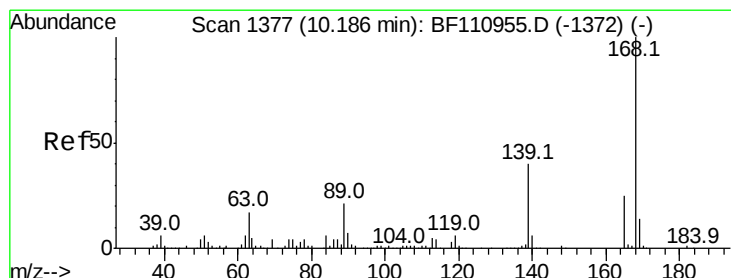
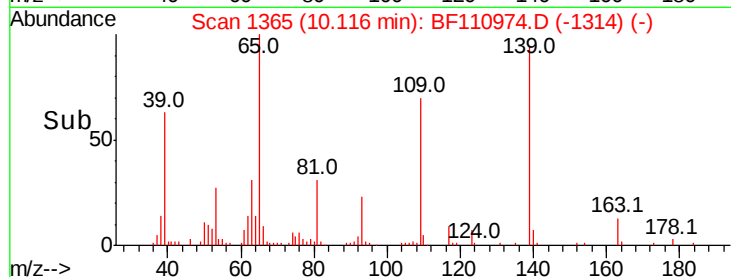
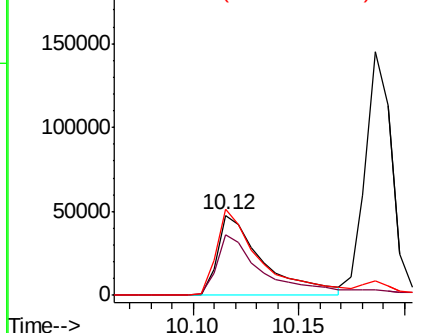
#56
4-Nitrophenol
Concen: 83.853 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Instrument :
BNA_F
ClientSampleId :
COMP-3MS

Tot Ion:139 Resp: 71168
Ion Ratio Lower Upper
139 100
109 75.9 55.8 95.8
65 106.7 77.9 117.9



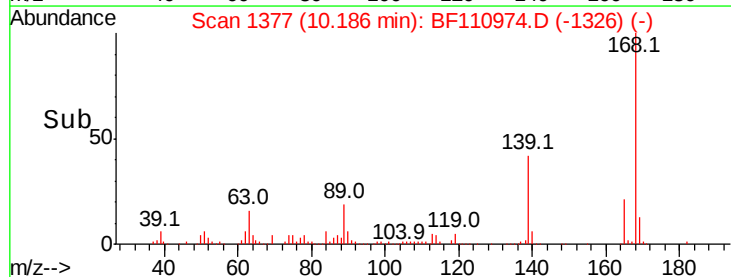
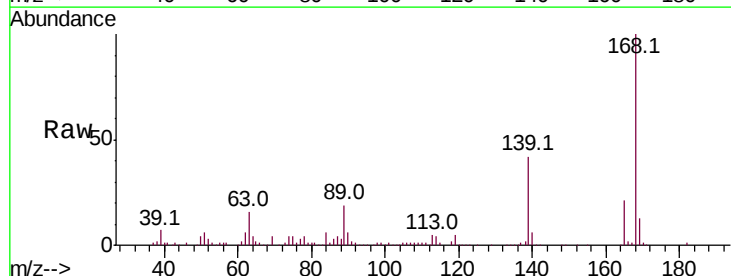
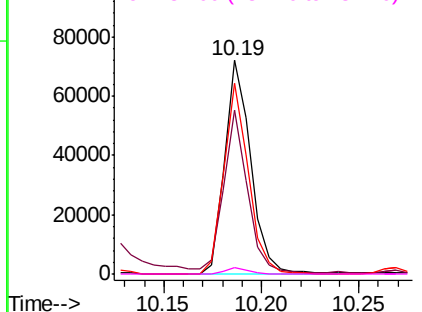
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

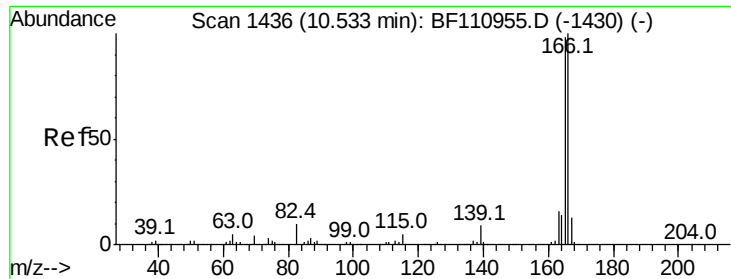


#57
2,4-Dinitrotoluene
Concen: 39.386 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Tgt Ion:165 Resp: 66766
Ion Ratio Lower Upper
165 100
63 76.5 44.8 67.2#
89 89.4 62.2 93.4
182 2.9 2.1 3.1

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





#58

Fluorene

Concen: 44.028 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

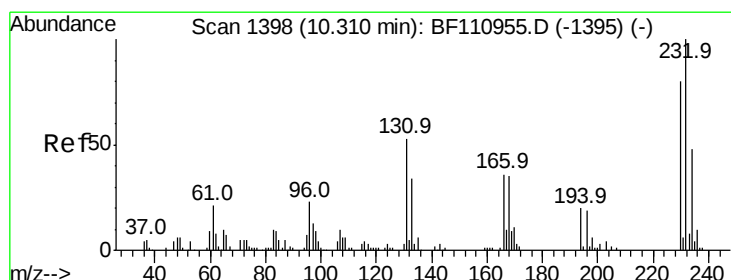
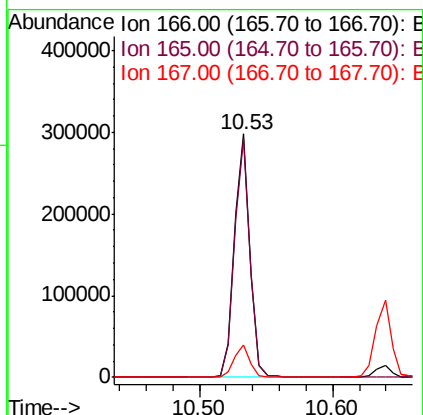
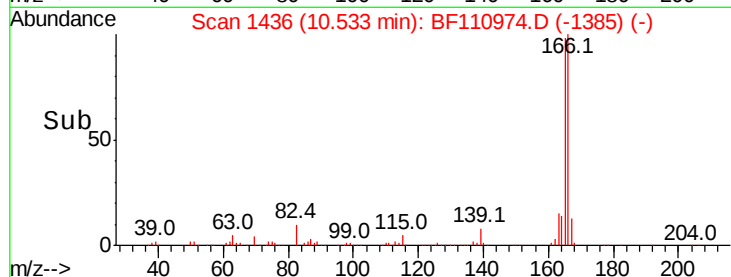
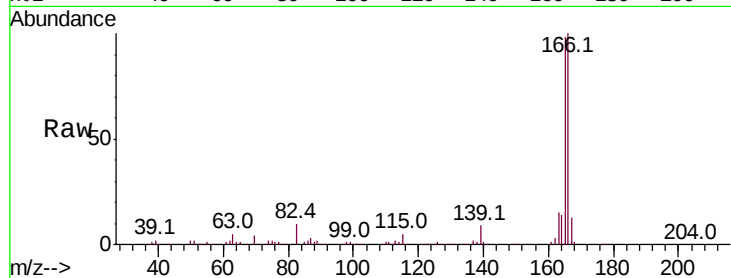
Tot Ion:166 Resp: 243694

Ion Ratio Lower Upper

166 100

165 97.9 78.6 117.8

167 13.2 10.8 16.2



#59

2,3,4,6-Tetrachlorophenol

Concen: 45.121 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Tgt Ion:232 Resp: 58623

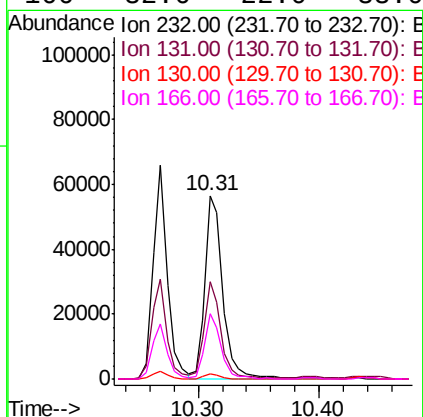
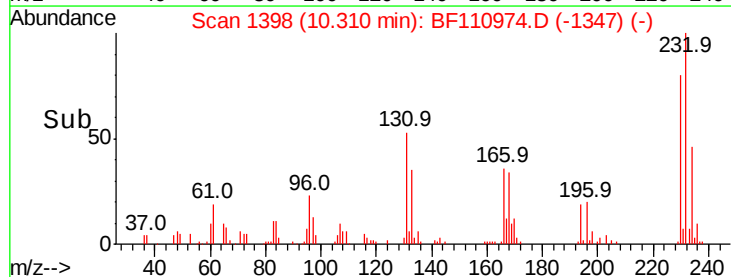
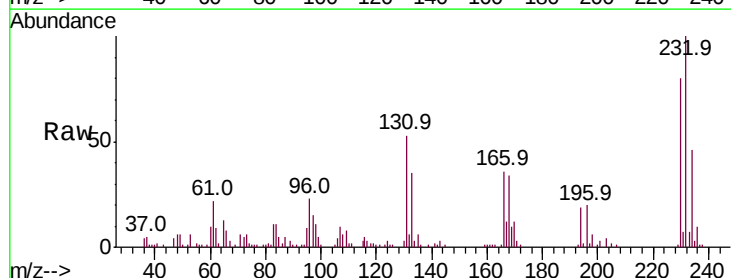
Ion Ratio Lower Upper

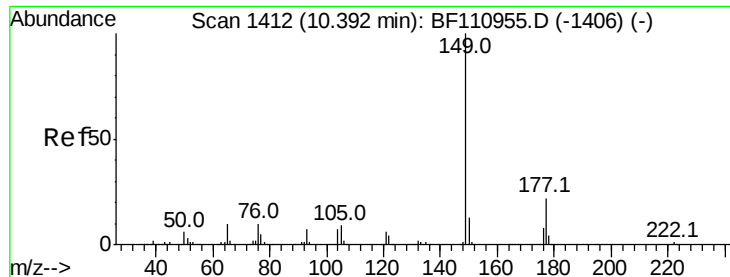
232 100

131 47.4 37.0 55.4

130 2.5 1.8 2.6

166 32.6 22.0 33.0

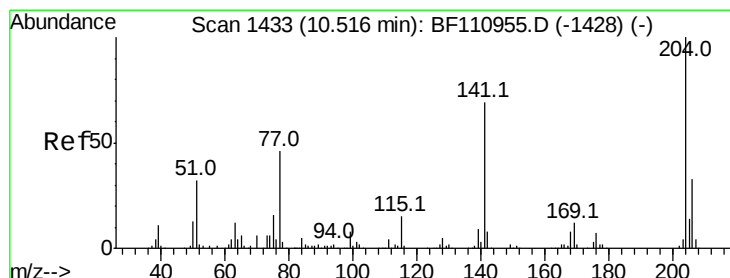
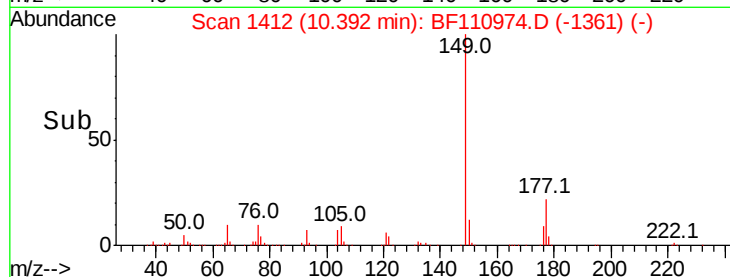
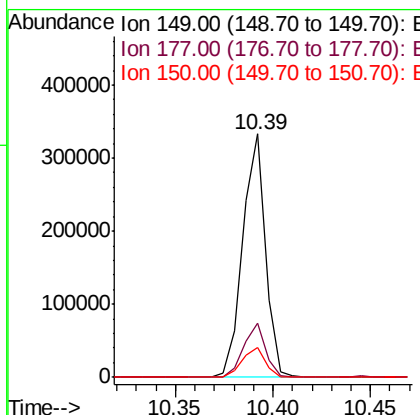
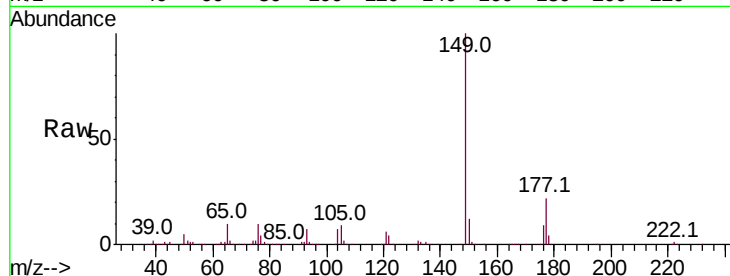




#60
Diethylphthalate
Concen: 44.339 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

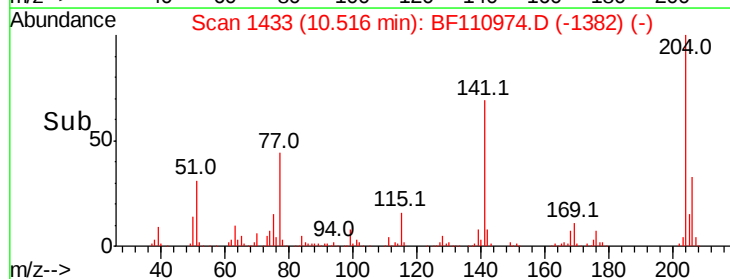
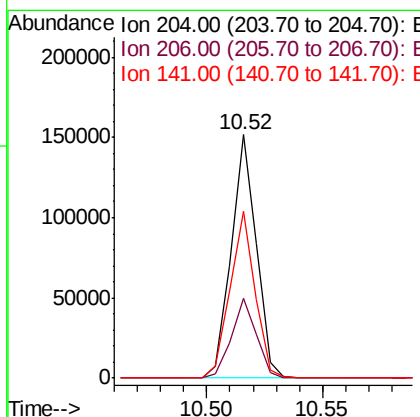
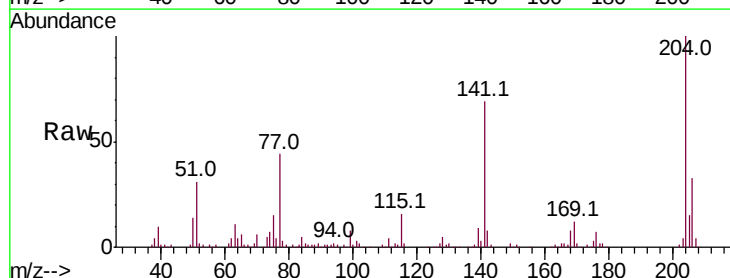
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

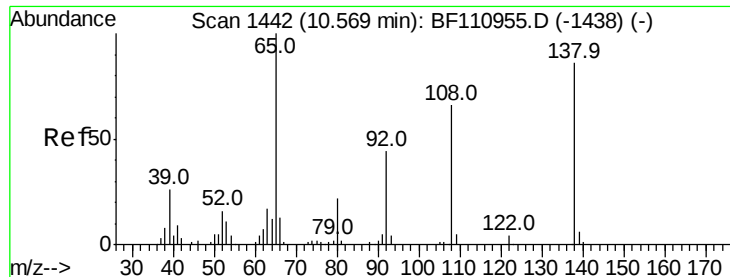
Tot Ion:149 Resp: 268351
Ion Ratio Lower Upper
149 100
177 22.4 17.4 26.2
150 12.5 9.8 14.8



#61
4-Chlorophenyl-phenylether
Concen: 39.616 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Tgt Ion:204 Resp: 114691
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 68.6 51.8 77.8

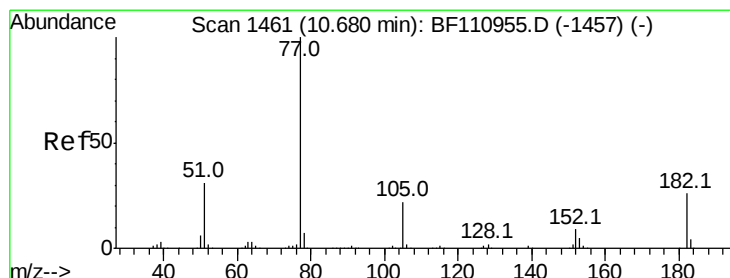
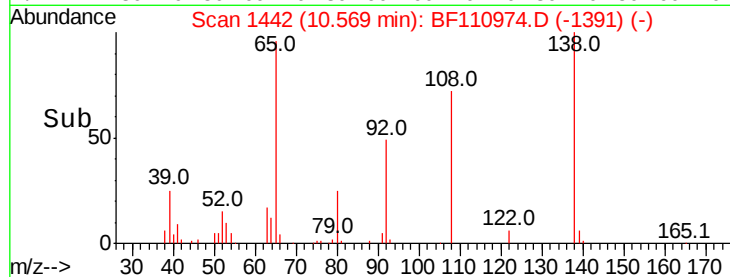
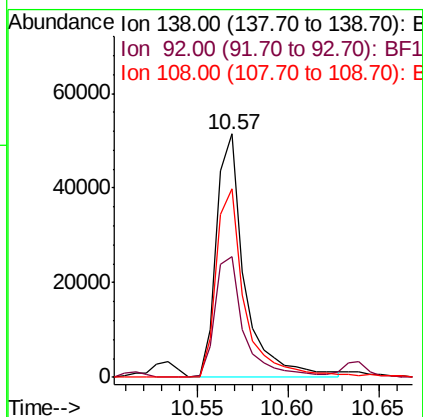
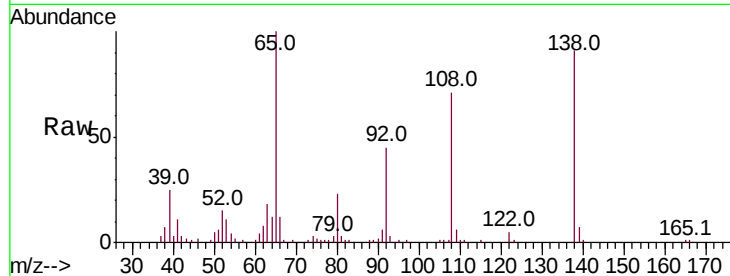




#62
4-Nitroaniline
Concen: 39.220 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

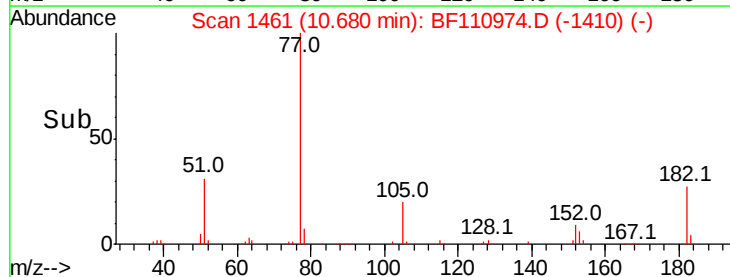
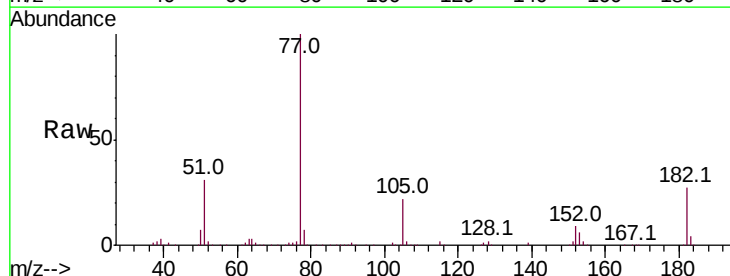
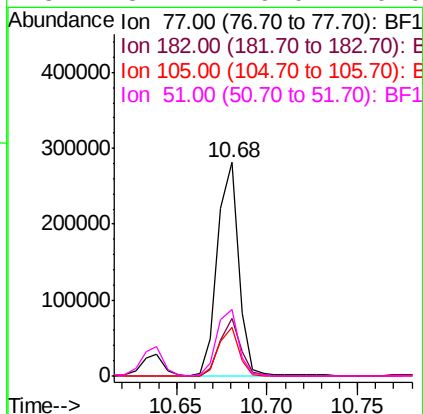
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

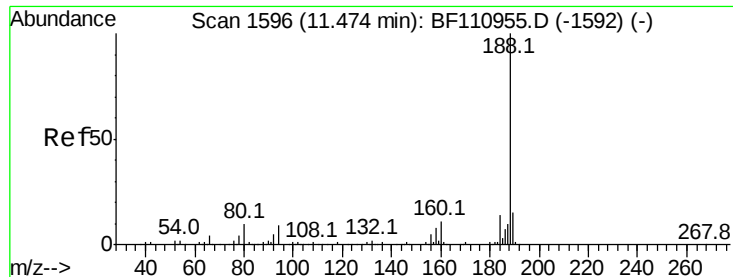
Tot Ion:138 Resp: 55610
Ion Ratio Lower Upper
138 100
92 49.4 31.7 71.7
108 77.5 59.3 99.3



#63
Azobenzene
Concen: 39.057 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Tgt Ion: 77 Resp: 230402
Ion Ratio Lower Upper
77 100
182 27.1 4.3 44.3
105 22.5 1.3 41.3
51 31.4 9.0 49.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

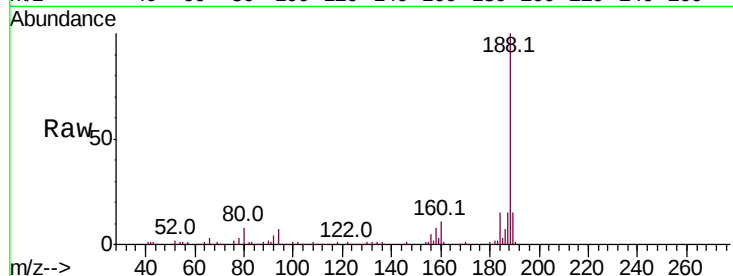
Tot Ion:188 Resp: 136238

Ion Ratio Lower Upper

188 100

94 7.5 7.2 10.8

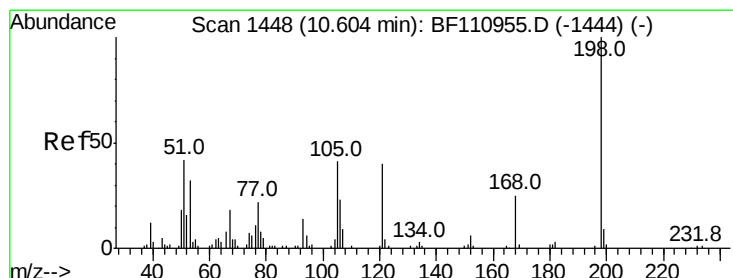
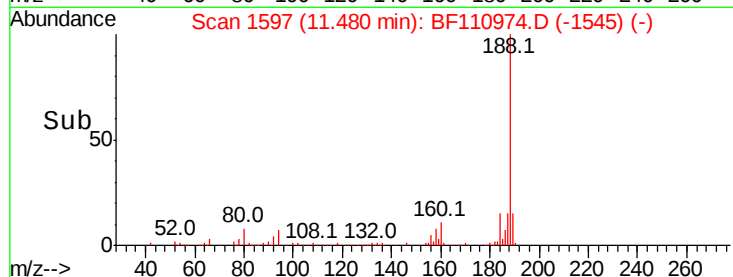
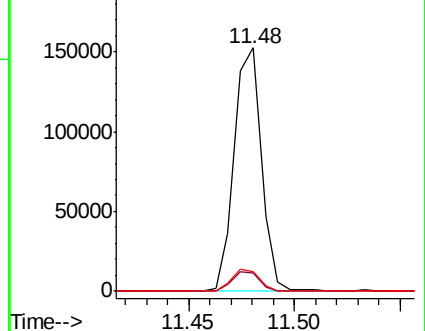
80 8.3 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 4.886 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

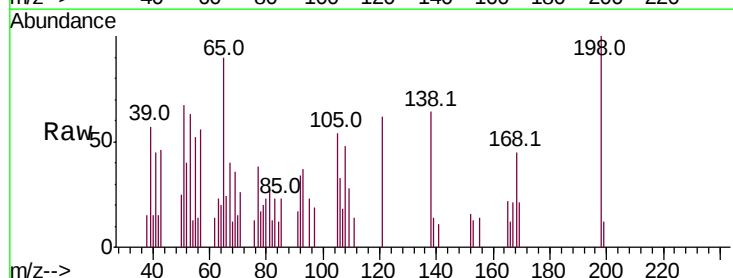
Tgt Ion:198 Resp: 3149

Ion Ratio Lower Upper

198 100

51 67.3 22.8 62.8#

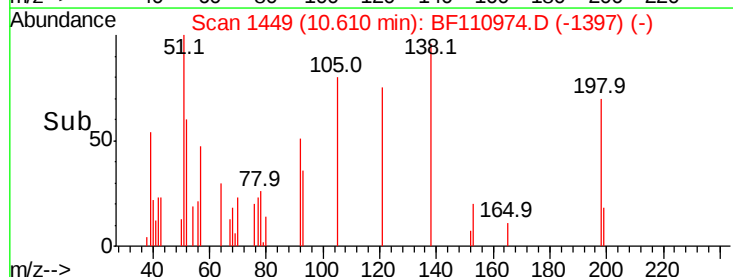
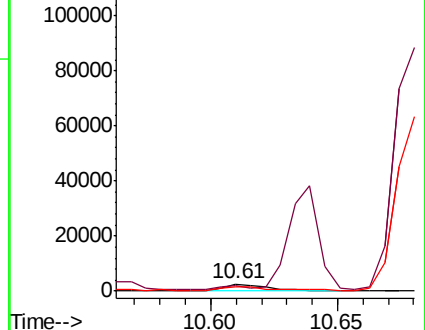
105 53.8 23.6 63.6

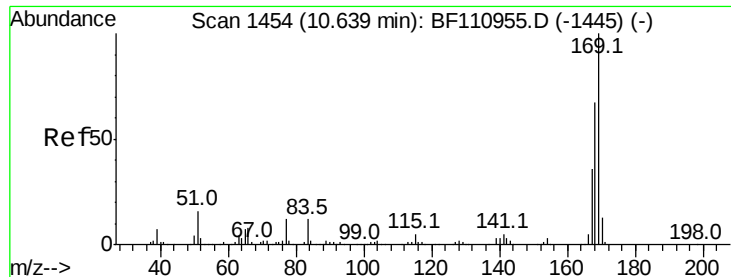


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

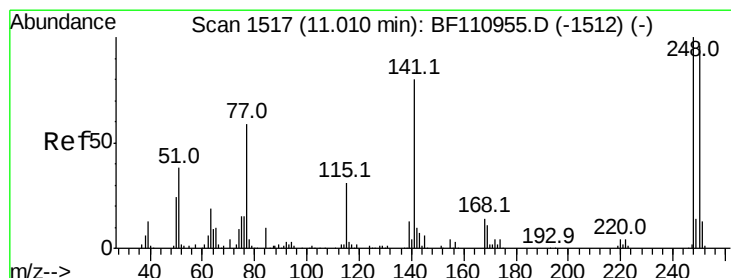
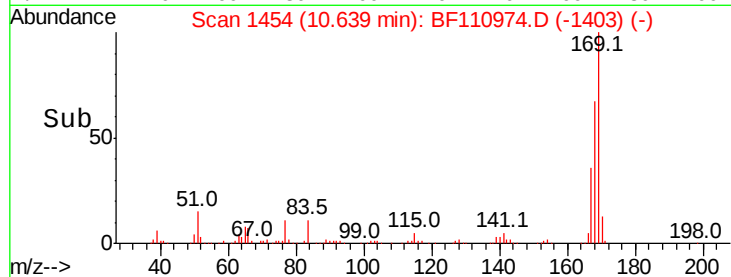
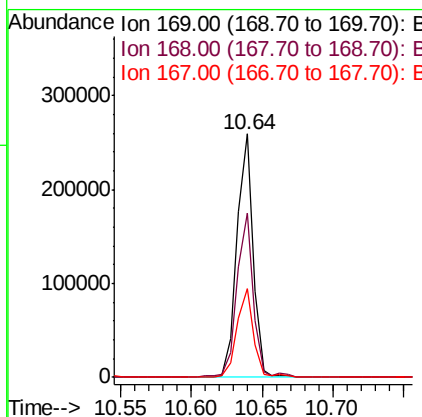
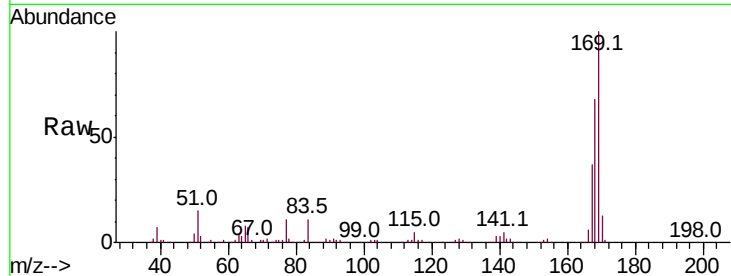




#66
 n-Nitrosodiphenylamine
 Concen: 45.654 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

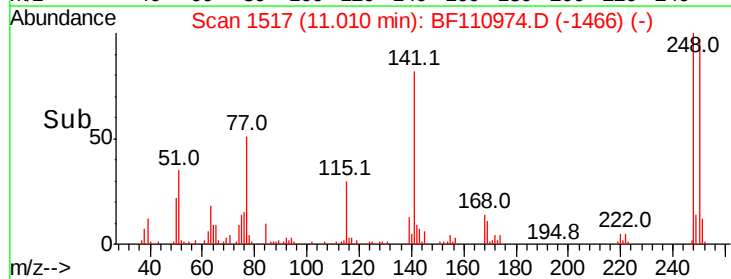
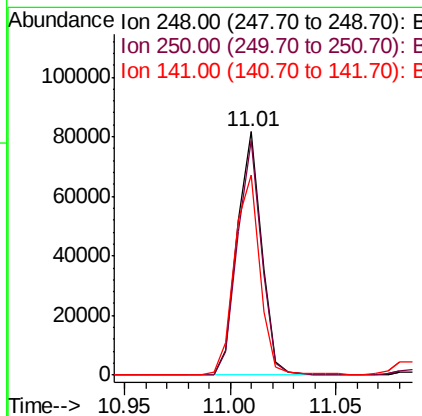
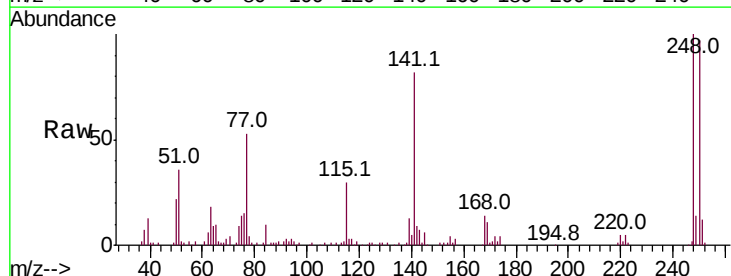
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

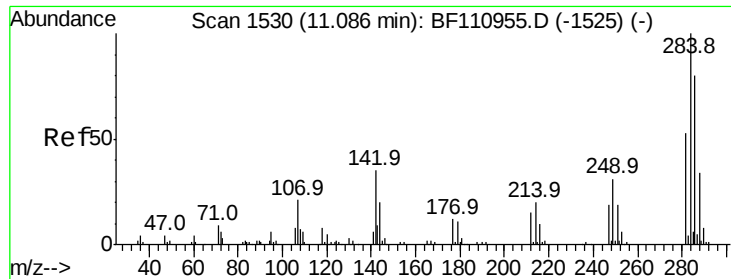
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	51.2	76.8
167	36.6	27.8	41.6



#67
 4-Bromophenyl-phenylether
 Concen: 43.656 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	79.4	119.2
141	82.1	55.9	83.9

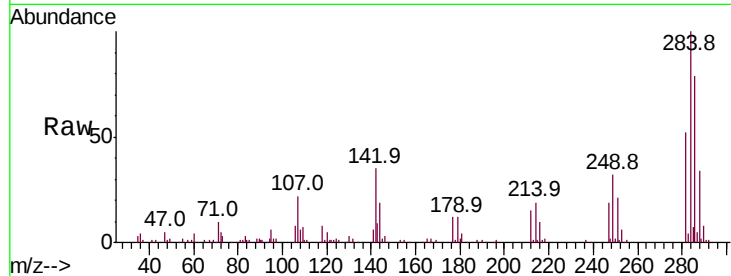




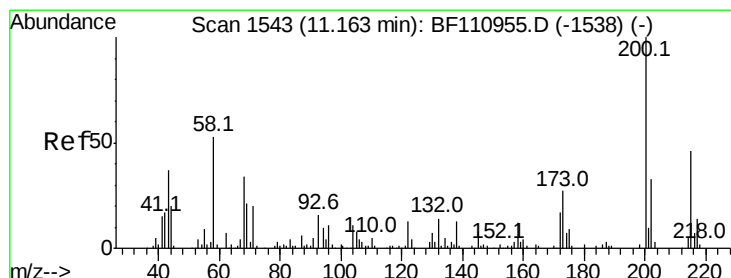
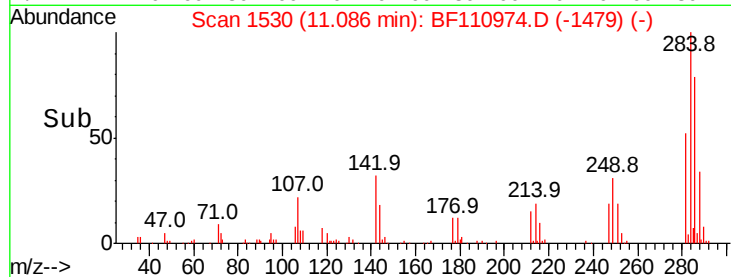
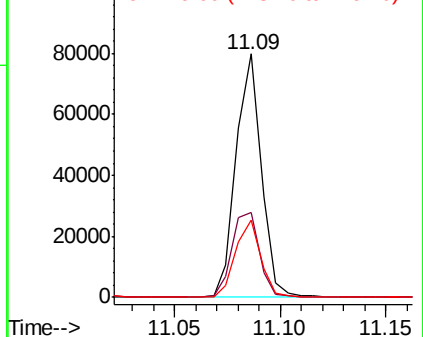
#68
Hexachlorobenzene
Concen: 41.733 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Instrument :
BNA_F
ClientSampled :
COMP-3MS

Tot Ion:284 Resp: 65954
Ion Ratio Lower Upper
284 100
142 34.7 23.9 35.9
249 31.6 24.2 36.2

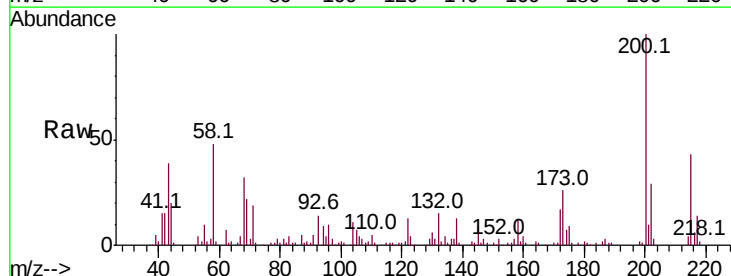


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

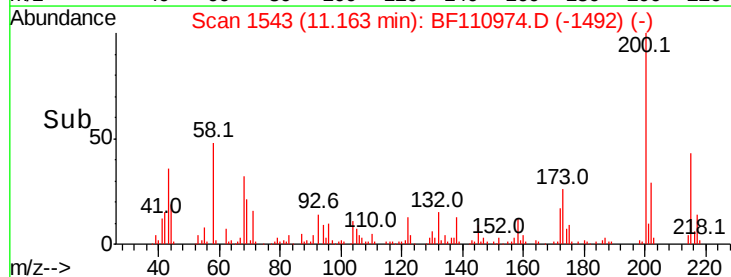
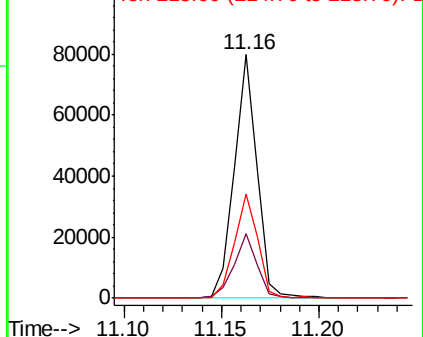


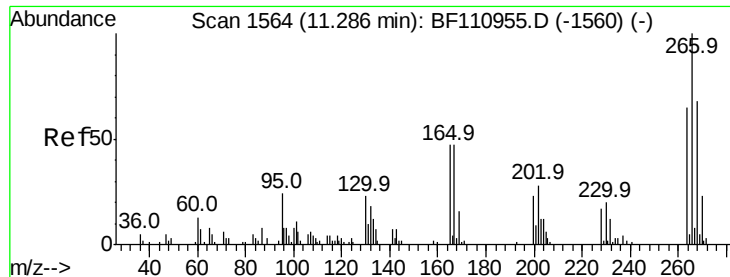
#69
Atrazine
Concen: Below Cal
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Tgt Ion:200 Resp: 64286
Ion Ratio Lower Upper
200 100
173 26.4 6.6 46.6
215 42.8 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

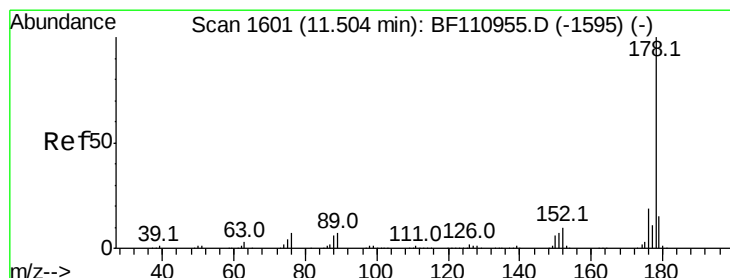
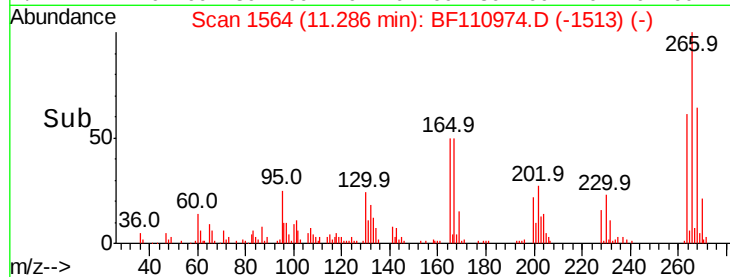
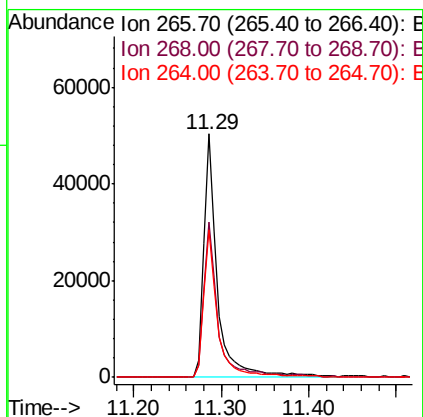
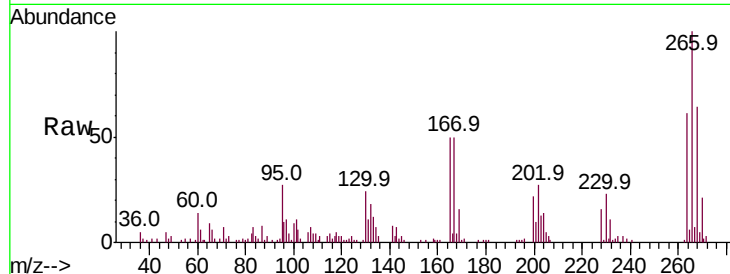




#70
 Pentachlorophenol
 Concen: 87.432 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

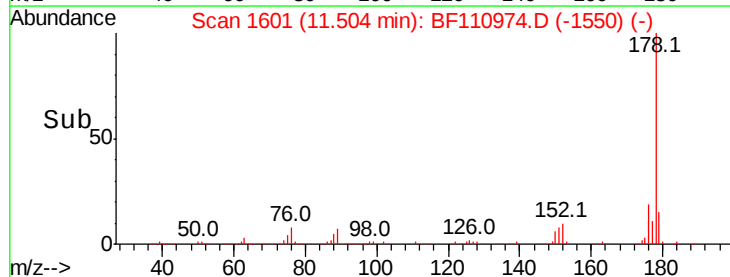
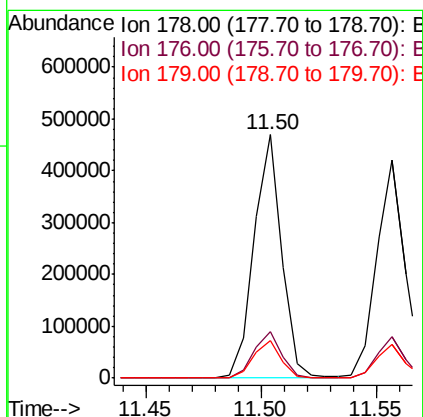
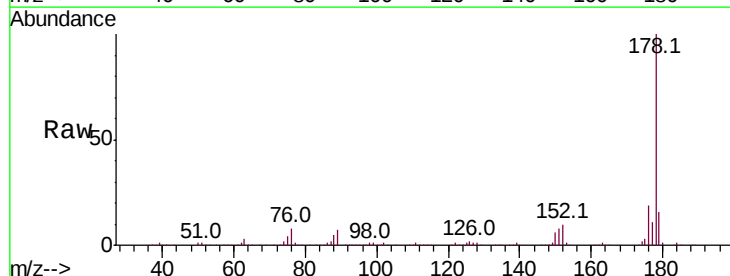
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

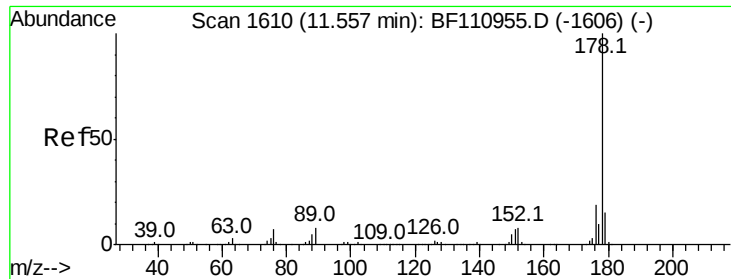
Tot Ion:266 Resp: 54974
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.6 75.8
 264 60.8 50.6 75.8



#71
 Phenanthrene
 Concen: 54.657 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Tgt Ion:178 Resp: 394383
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 15.5 12.5 18.7

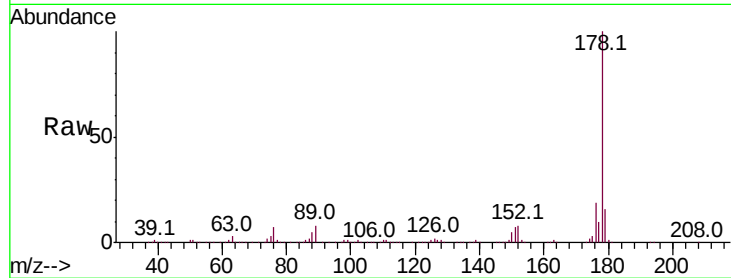




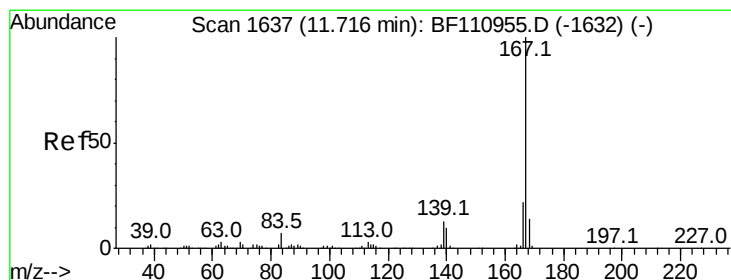
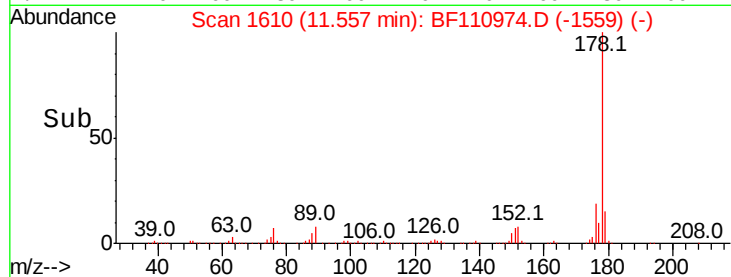
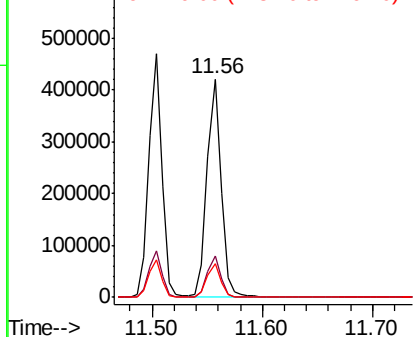
#72
 Anthracene
 Concen: 49.443 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

Tot Ion:178 Resp: 363322
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.6 12.6 18.8

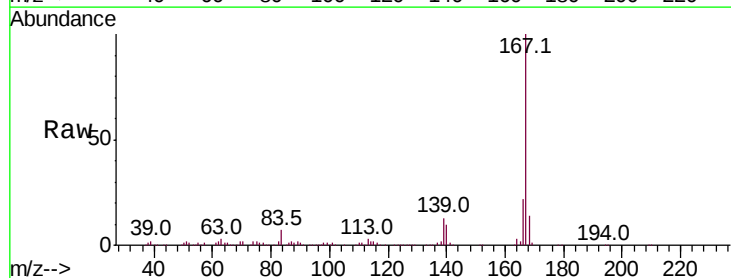


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

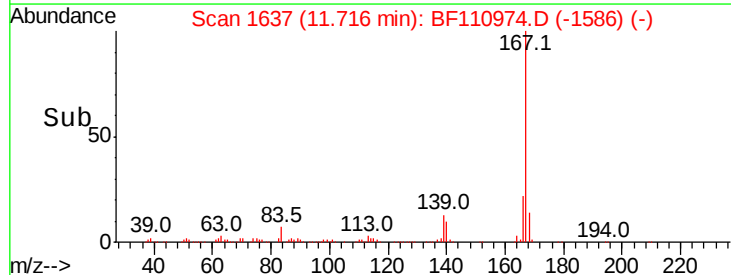
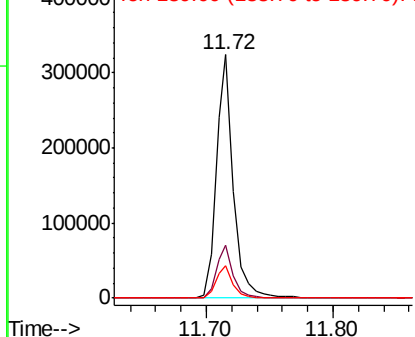


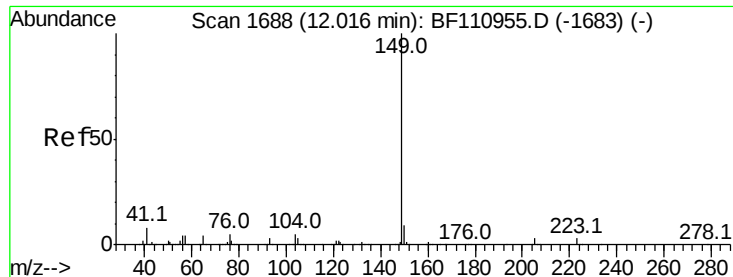
#73
 Carbazole
 Concen: 42.582 ng
 RT: 11.72 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Tgt Ion:167 Resp: 303713
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.3 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: 45.778 ng

RT: 12.02 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

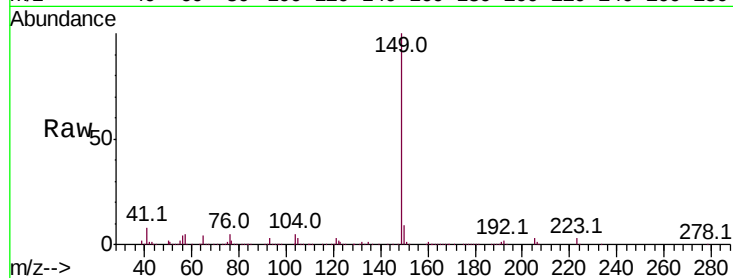
Tot Ion:149 Resp: 381746

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

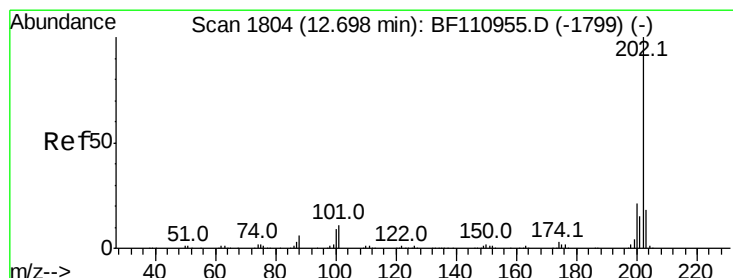
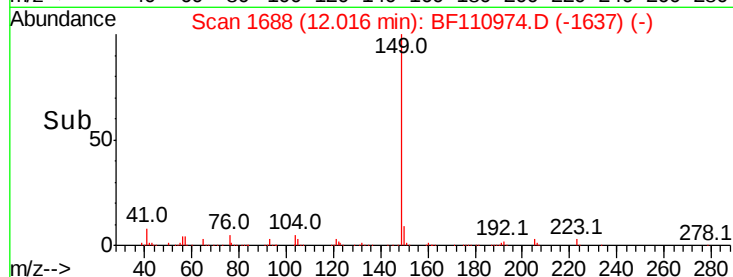
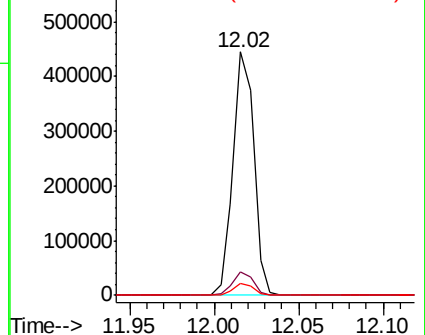
104 5.2 4.2 6.4



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: 63.049 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

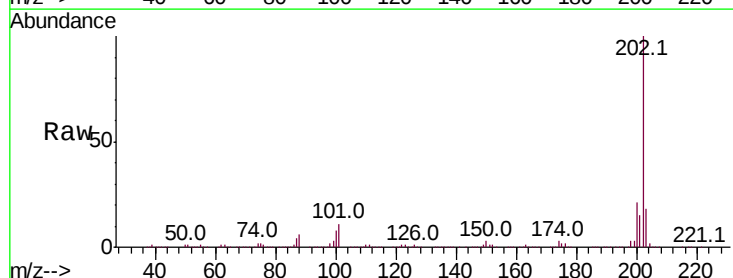
Tgt Ion:202 Resp: 467578

Ion Ratio Lower Upper

202 100

101 11.5 0.0 31.4

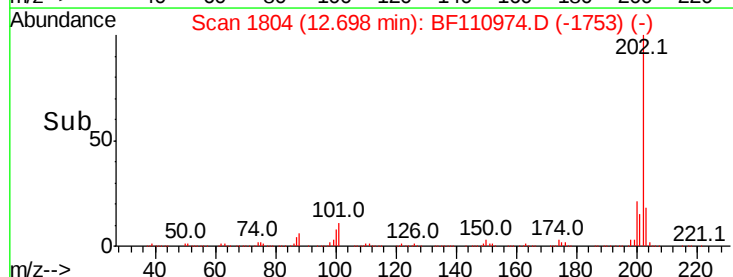
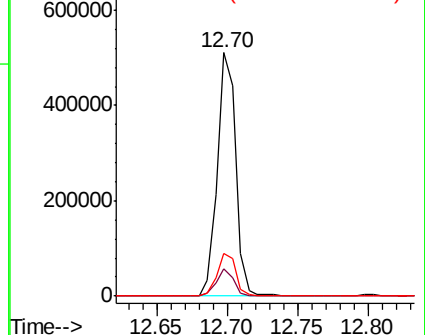
203 17.7 0.0 37.7

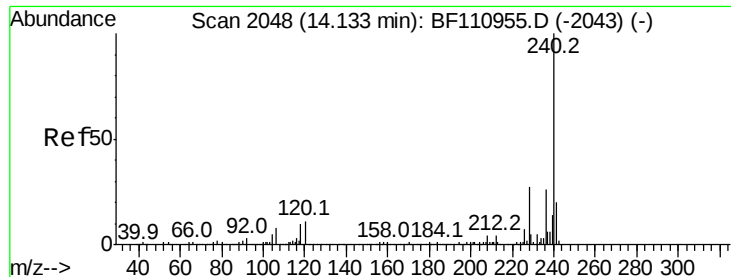


Abundance Ion 202.00 (201.70 to 202.70): E

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. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

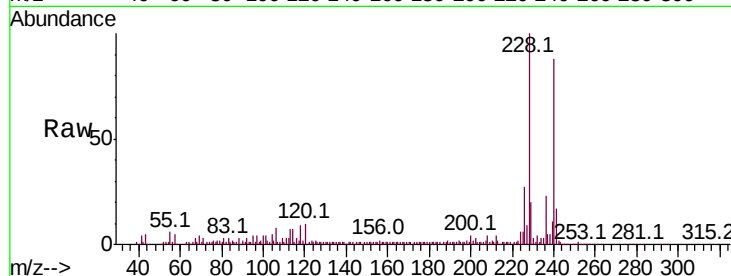
Tot Ion:240 Resp: 91690

Ion Ratio Lower Upper

240 100

120 11.3 8.3 12.5

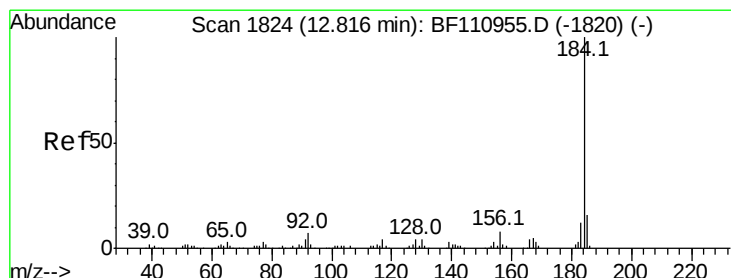
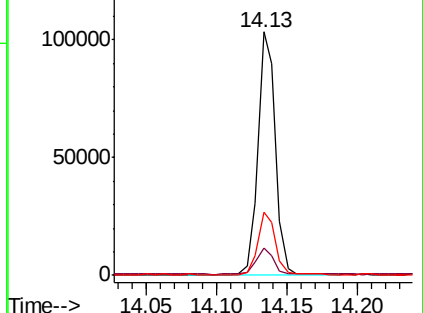
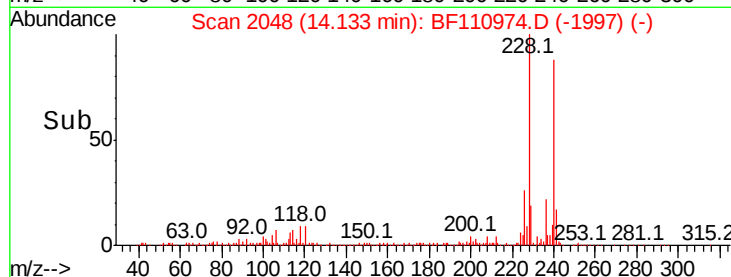
236 25.8 21.2 31.8



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: 55.053 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

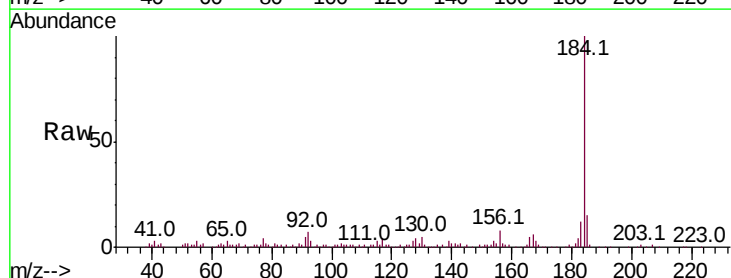
Tgt Ion:184 Resp: 129112

Ion Ratio Lower Upper

184 100

185 15.2 13.4 20.2

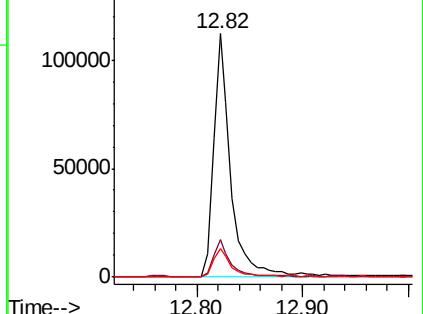
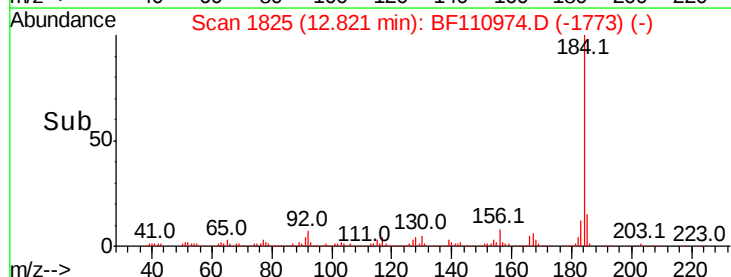
183 11.8 9.4 14.2

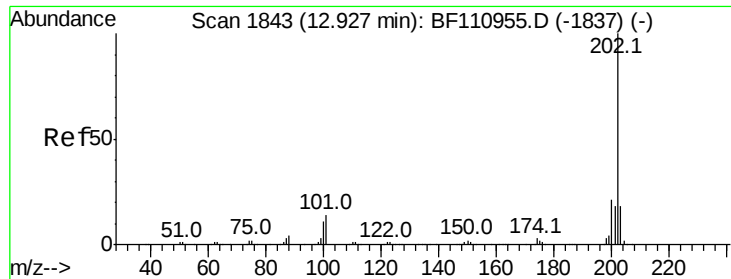


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 67.782 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

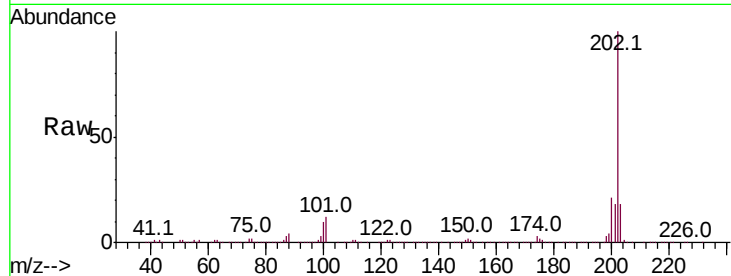
Tot Ion:202 Resp: 453920

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.6

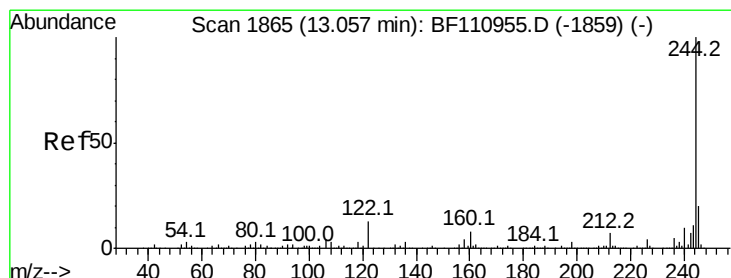
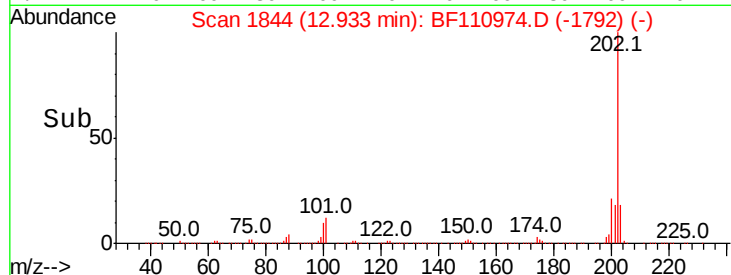
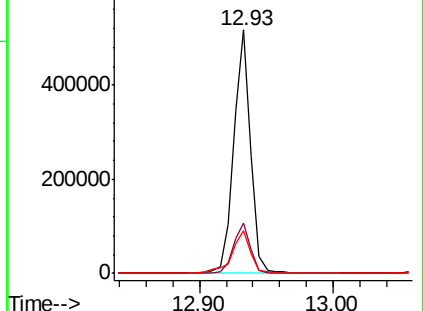
203 17.7 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 104.065 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

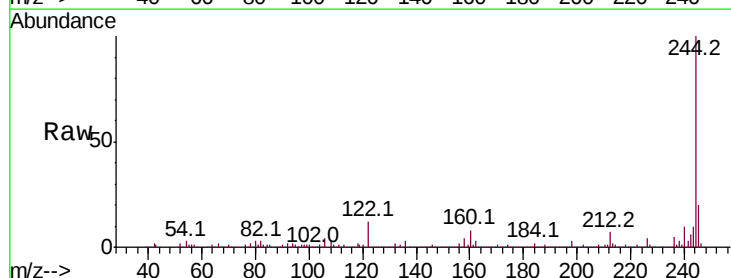
Tgt Ion:244 Resp: 490165

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

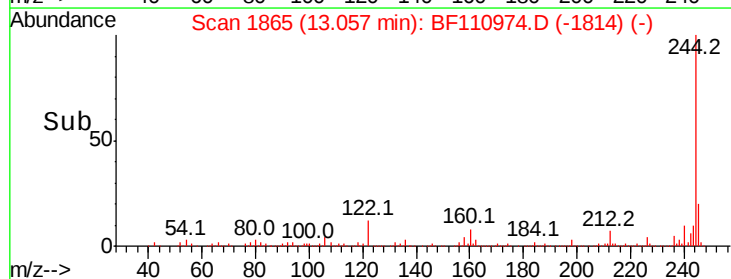
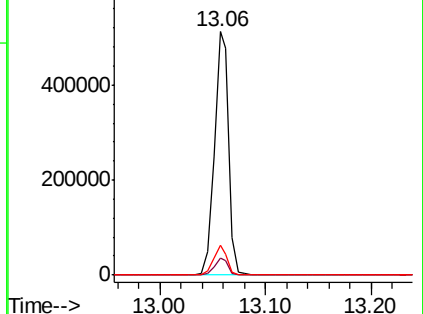
122 12.1 8.7 13.1

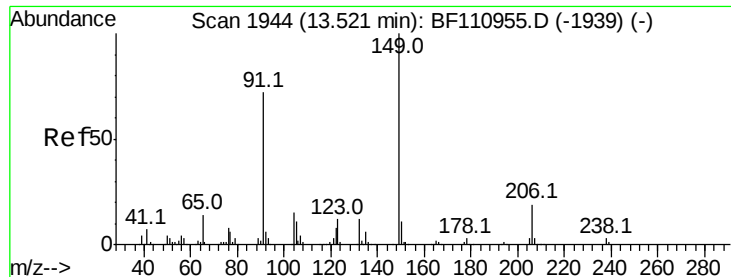


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

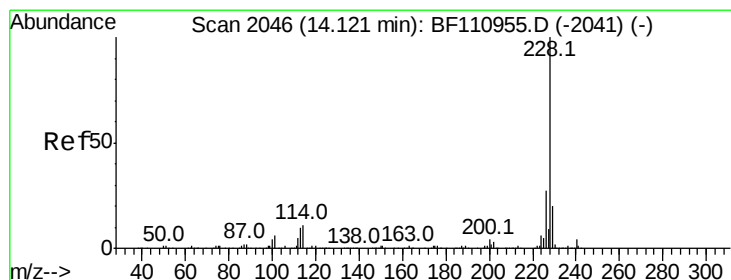
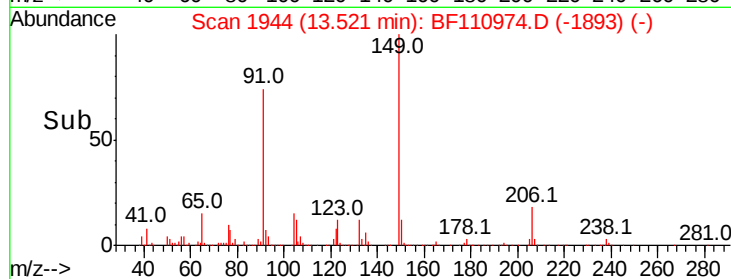
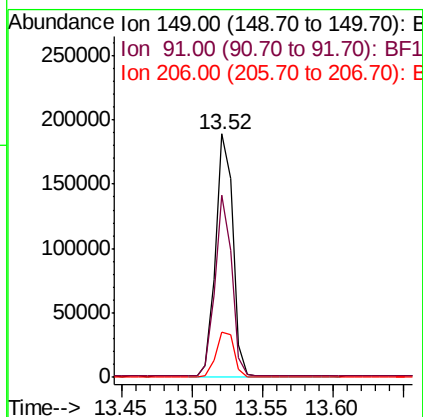
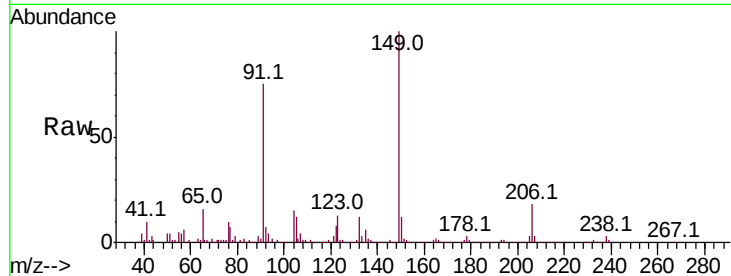




#80
Butylbenzylphthalate
Concen: 53.264 ng
RT: 13.52 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

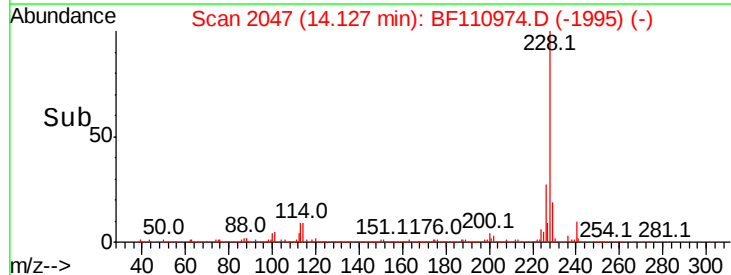
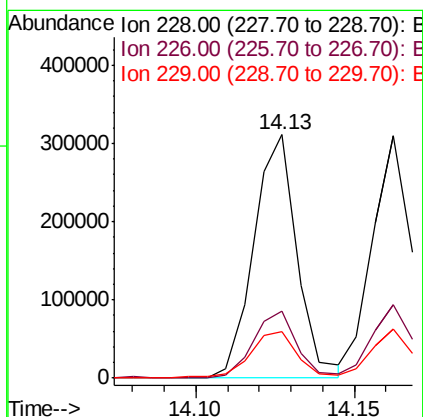
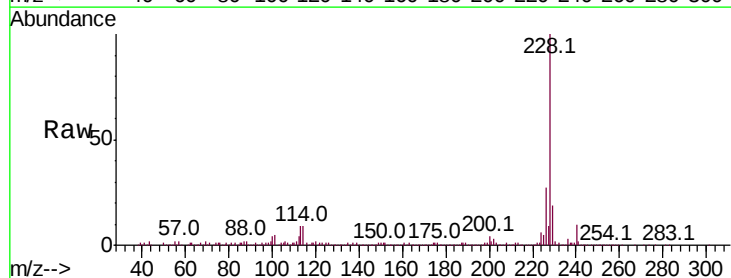
Instrument :
BNA_F
ClientSampleId :
COMP-3MS

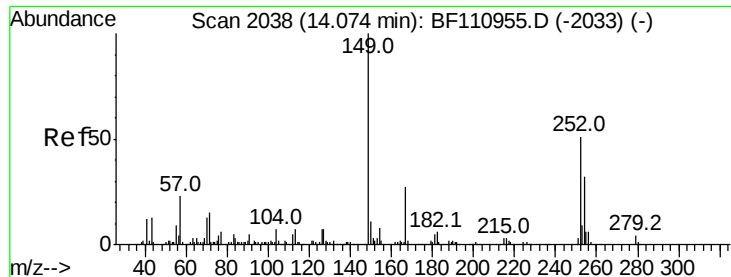
Tot Ion:149 Resp: 161042
Ion Ratio Lower Upper
149 100
91 74.7 57.2 85.8
206 18.4 15.7 23.5



#81
Benzo(a)anthracene
Concen: 54.294 ng
RT: 14.13 min Scan# 2047
Delta R.T. 0.01 min
Lab File: BF110974.D
Acq: 26 Nov 2018 20:06

Tgt Ion:228 Resp: 293908
Ion Ratio Lower Upper
228 100
226 27.4 22.1 33.1
229 19.0 15.6 23.4

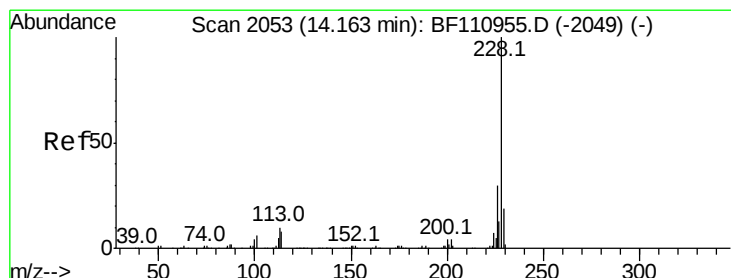
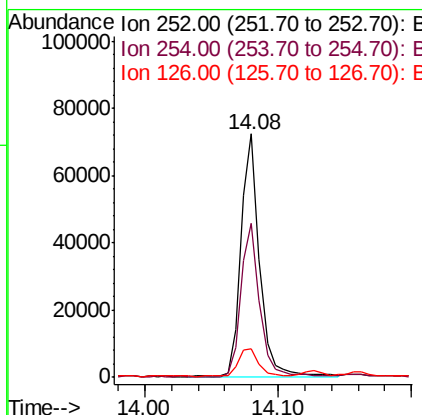
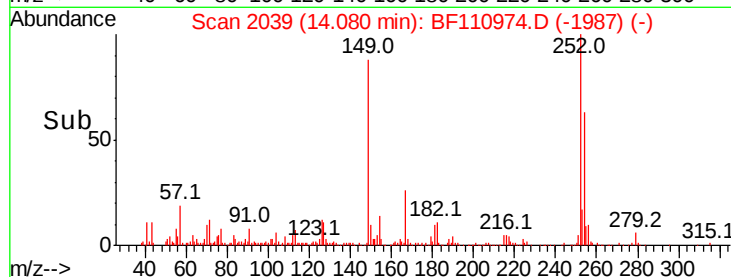
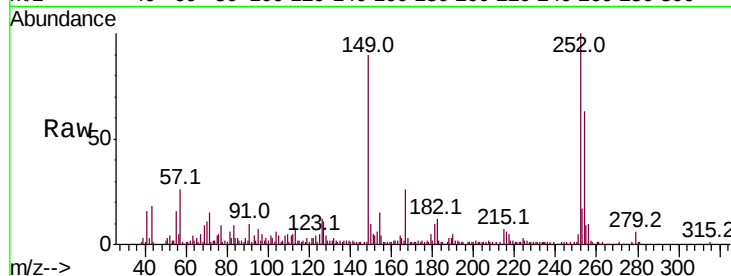




#82
 3,3'-Dichlorobenzidine
 Concen: 38.358 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

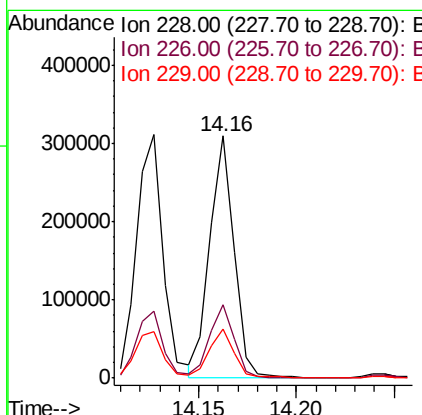
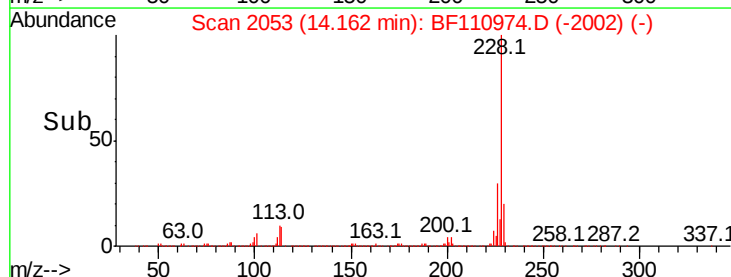
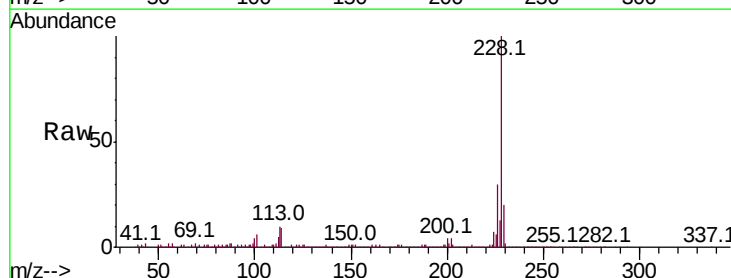
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

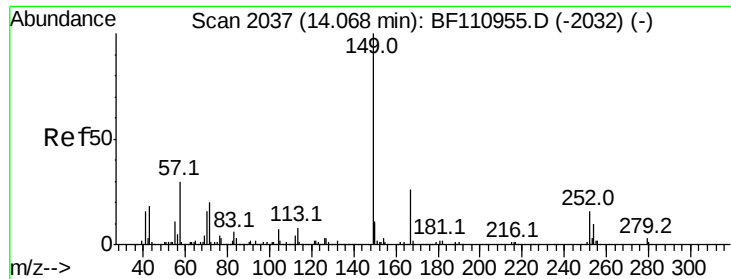
Tot Ion:252 Resp: 71198
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.3 76.9
 126 11.5 9.4 14.2



#83
 Chrysene
 Concen: 49.995 ng
 RT: 14.16 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Tgt Ion:228 Resp: 266420
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.7 37.1
 229 20.2 15.9 23.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 51.971 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

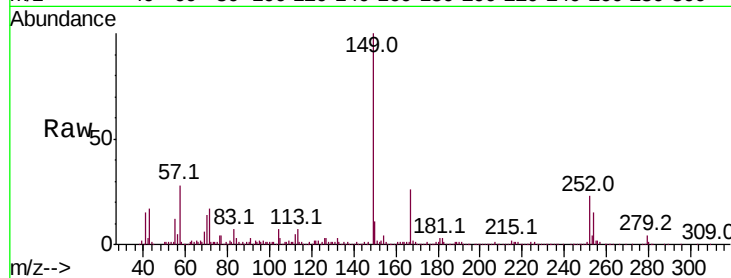
Tot Ion:149 Resp: 209376

Ion Ratio Lower Upper

149 100

167 26.5 19.8 29.8

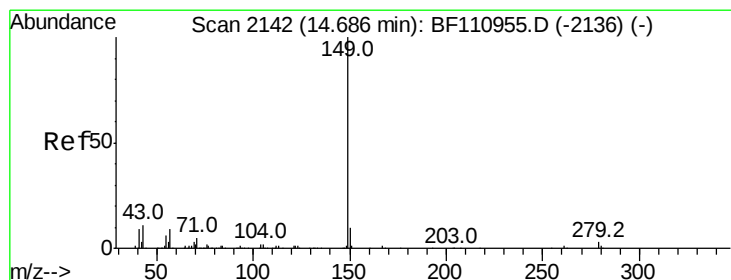
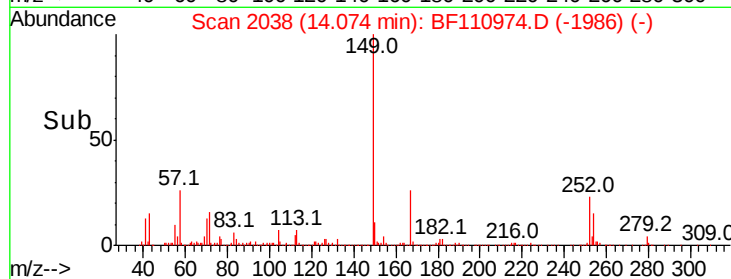
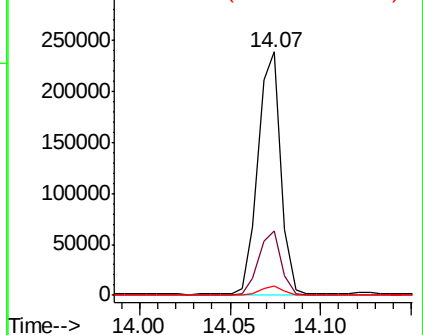
279 3.9 2.7 4.1



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: 47.479 ng

RT: 14.69 min Scan# 2143

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

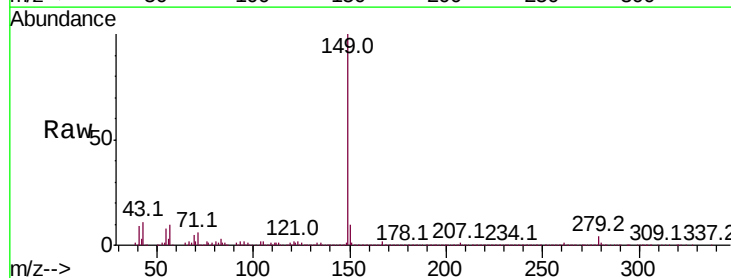
Tgt Ion:149 Resp: 301939

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

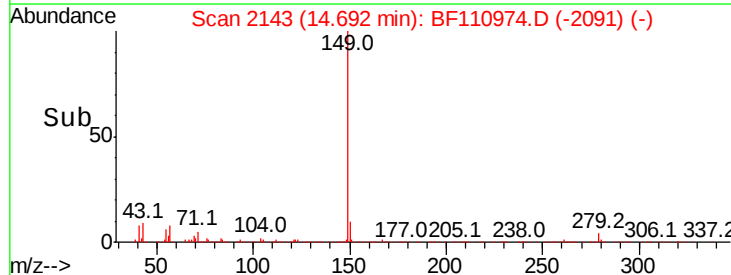
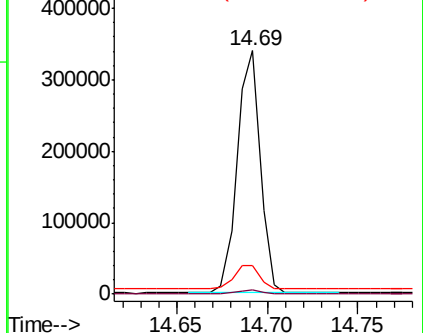
43 10.9 7.8 11.8

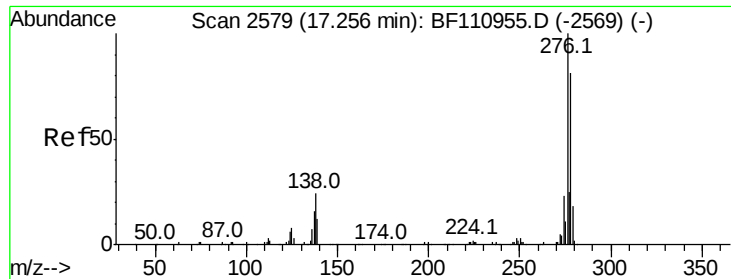


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

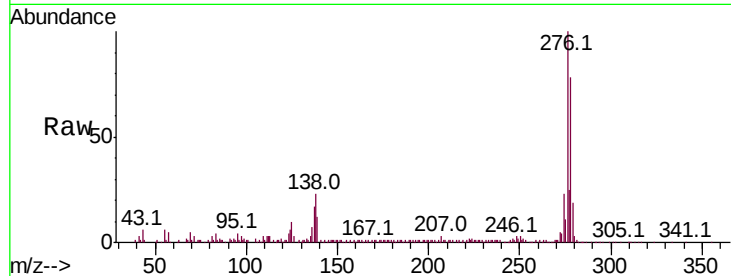




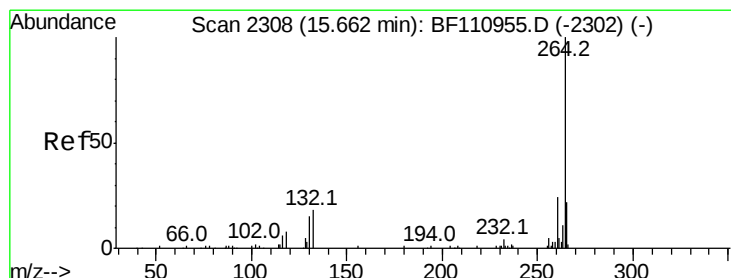
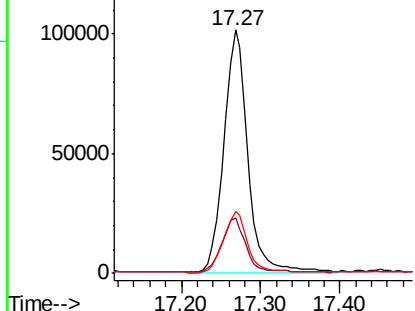
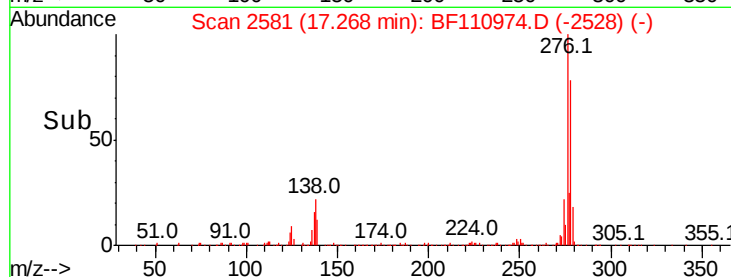
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 54.950 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. 0.01 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.5	27.7
277	25.2	20.0	30.0

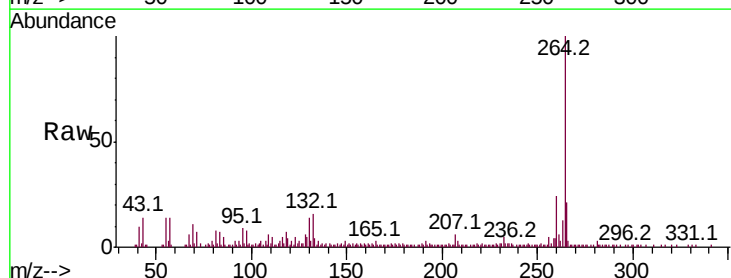


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

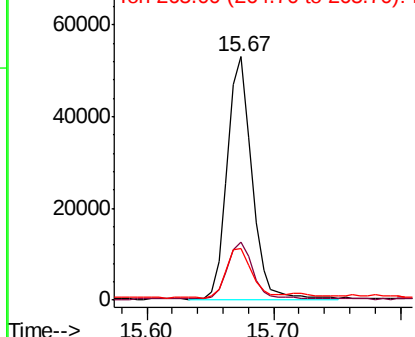
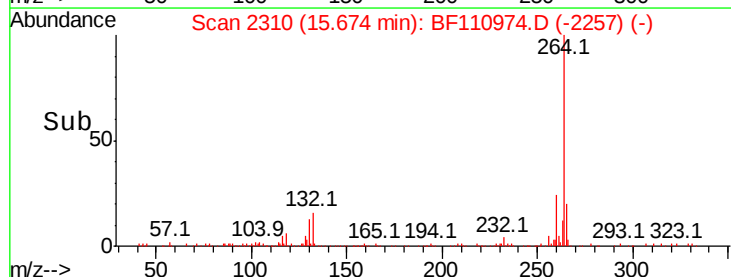


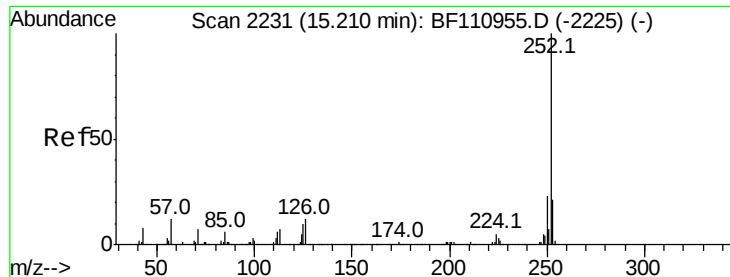
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. 0.01 min
 Lab File: BF110974.D
 Acq: 26 Nov 2018 20:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.1	16.7	25.1



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





#88

Benzo(b)fluoranthene

Concen: 52.440 ng

RT: 15.22 min Scan# 2232

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

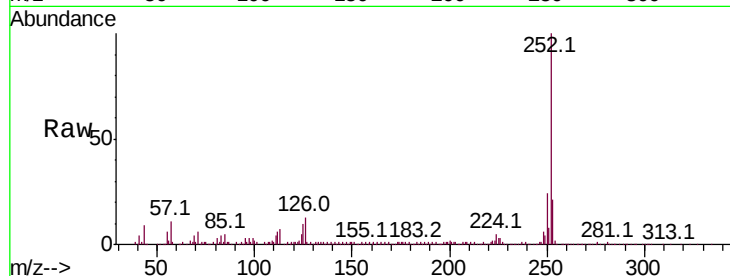
Tot Ion:252 Resp: 223551

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

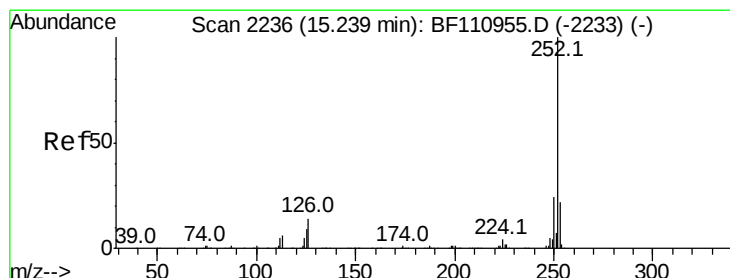
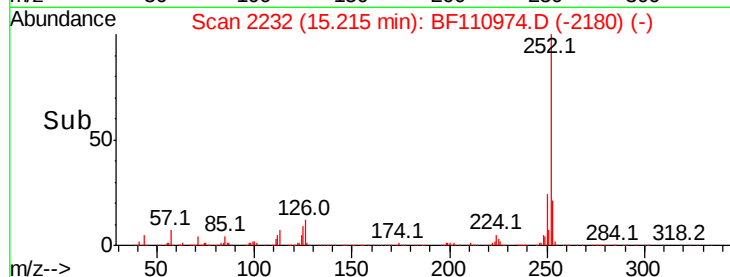
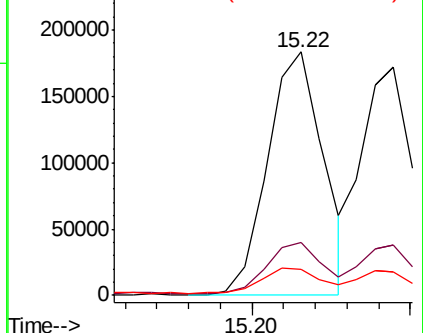
125 10.5 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 45.080 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

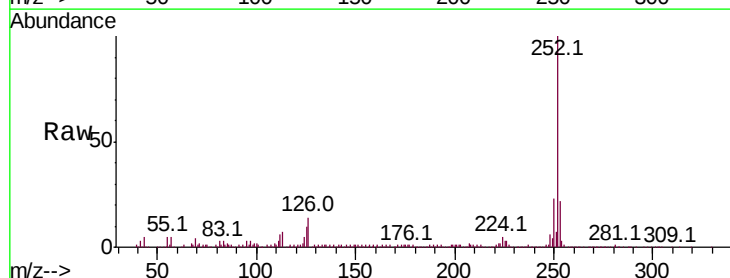
Tgt Ion:252 Resp: 197805

Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

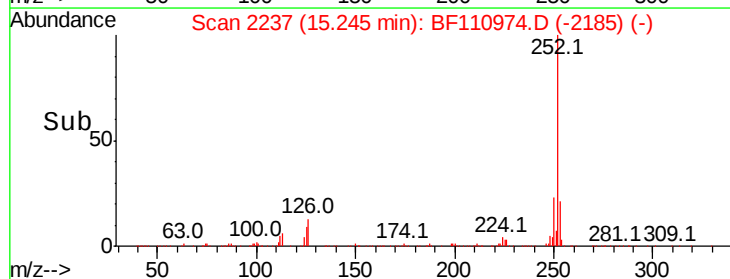
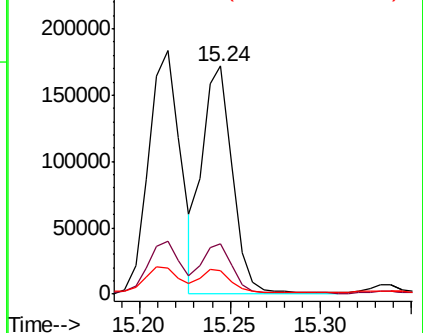
125 10.1 7.4 11.0

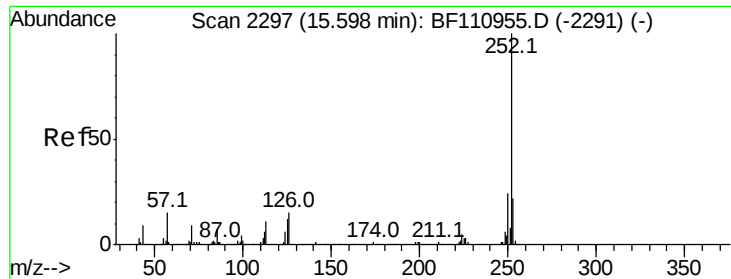


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 51.178 ng

RT: 15.61 min Scan# 2299

Delta R.T. 0.01 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

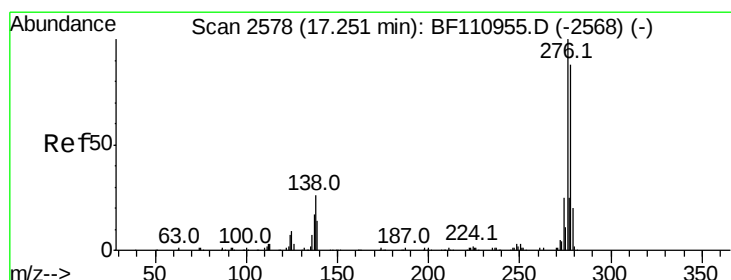
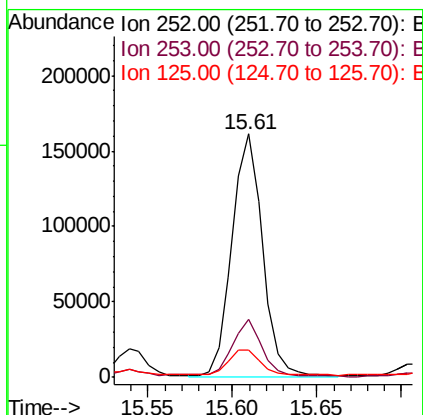
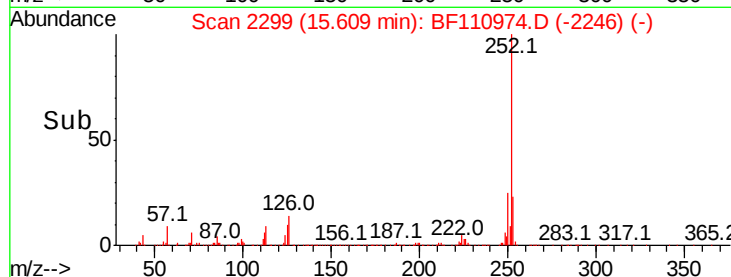
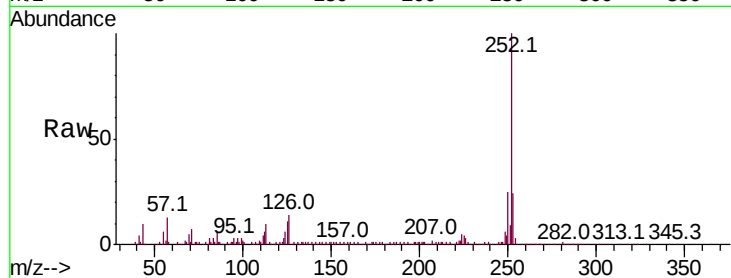
Tot Ion:252 Resp: 203079

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.4

125 11.3 9.0 13.6



#91

Dibenzo(a,h)anthracene

Concen: 49.768 ng

RT: 17.27 min Scan# 2581

Delta R.T. 0.02 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

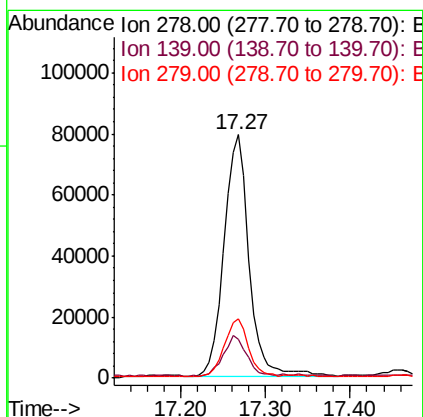
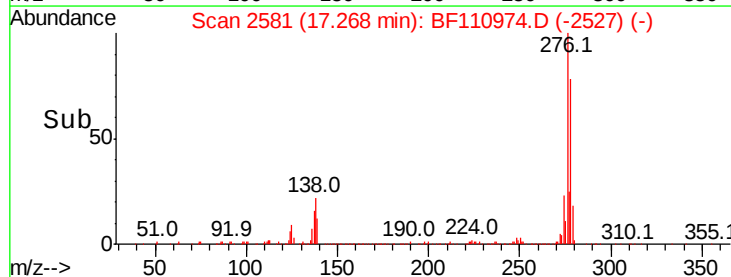
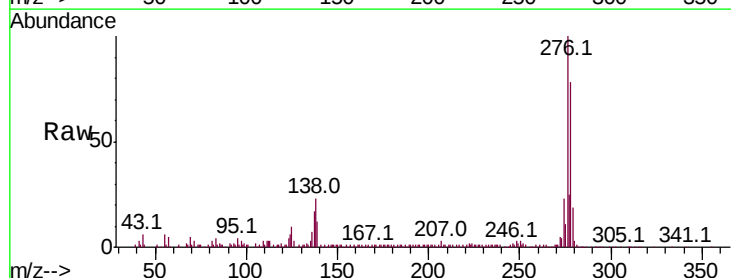
Tgt Ion:278 Resp: 162940

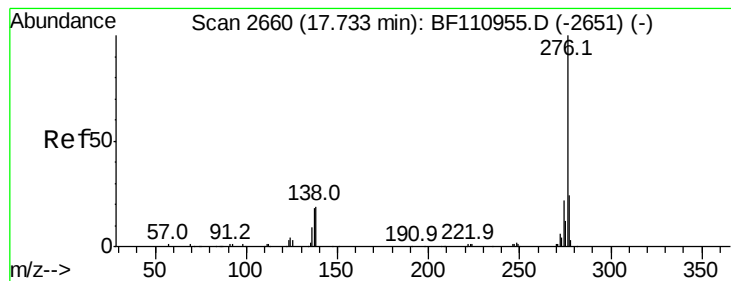
Ion Ratio Lower Upper

278 100

139 15.9 12.7 19.1

279 24.2 19.0 28.4





#92

Benzo(a,h,i)perylene

Concen: 56.589 ng

RT: 17.76 min Scan# 2664

Delta R.T. 0.02 min

Lab File: BF110974.D

Acq: 26 Nov 2018 20:06

Instrument :

BNA_F

ClientSampleId :

COMP-3MS

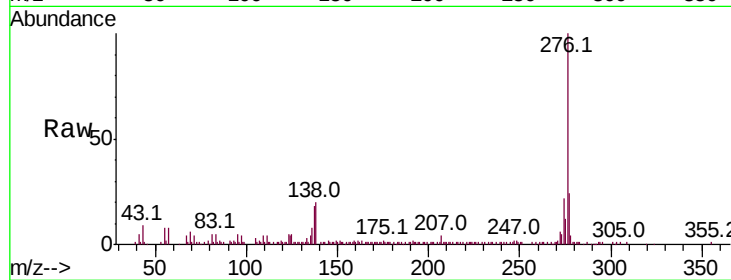
Tot Ion:276 Resp: 178640

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 20.4 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

