

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
 Data File : BF103074.D
 Acq On : 19 Feb 2018 11:39
 Operator : SJ/JU
 Sample : J1399-06MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 19 16:12:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	172772	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	730134	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	332156	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	587390	20.00	ng	0.00
75) Chrysene-d12	14.06	240	408402	20.00	ng	0.00
86) Perylene-d12	15.55	264	357001	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1213956	106.71	ng	0.02
7) Phenol-d6	6.52	99	1386032	101.18	ng	0.01
23) Nitrobenzene-d5	7.45	82	1030109	97.87	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	348313	130.29	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1625100	81.19	ng	0.00
78) Terphenyl-d14	13.00	244	1579122	91.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	197615	35.168	ng	# 72
3) Pyridine	3.55	79	506526	32.627	ng	95
4) n-Nitrosodimethylamine	3.50	42	274044	41.257	ng	100
6) Aniline	6.55	93	459063	22.693	ng	93
8) 2-Chlorophenol	6.67	128	494609	42.230	ng	99
9) Benzaldehyde	6.43	77	53338	5.243	ng	97
10) Phenol	6.53	94	552672	37.648	ng	92
11) bis(2-Chloroethyl)ether	6.62	93	501928	41.090	ng	89
12) 1,3-Dichlorobenzene	6.82	146	510747	37.657	ng	99
13) 1,4-Dichlorobenzene	6.90	146	517462	38.300	ng	99
14) 1,2-Dichlorobenzene	7.05	146	473446	37.623	ng	99
15) Benzyl Alcohol	7.02	79	437162	41.510	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	865297	37.289	ng	97
17) 2-Methylphenol	7.13	107	424277	39.272	ng	98
18) Hexachloroethane	7.39	117	191787	41.396	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	333514	36.928	ng	97
20) 3+4-Methylphenols	7.29	107	473627	35.550	ng	# 66
22) Acetophenone	7.29	105	654296	36.620	ng	# 91
24) Nitrobenzene	7.46	77	557208	45.007	ng	98
25) Isophorone	7.70	82	1030606	42.524	ng	99
26) 2-Nitrophenol	7.78	139	289936	55.378	ng	95
27) 2,4-Dimethylphenol	7.82	122	460595	44.984	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	642641	44.762	ng	99
29) 2,4-Dichlorophenol	8.02	162	421896	45.326	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	416193	39.525	ng	98
31) Naphthalene	8.19	128	1412168	39.587	ng	99
32) Benzoic acid	7.94	122	218807	34.749	ng	96
33) 4-Chloroaniline	8.23	127	188162	12.244	ng	99
34) Hexachlorobutadiene	8.29	225	207133	38.388	ng	99
35) Caprolactam	8.61	113	82094	25.396	ng	# 81
36) 4-Chloro-3-methylphenol	8.72	107	472115	45.143	ng	97
37) 2-Methylnaphthalene	8.87	142	963033	41.234	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	367657	40.652	ng	97
40) Hexachlorocyclopentadiene	9.02	237	288427	67.086	ng	97

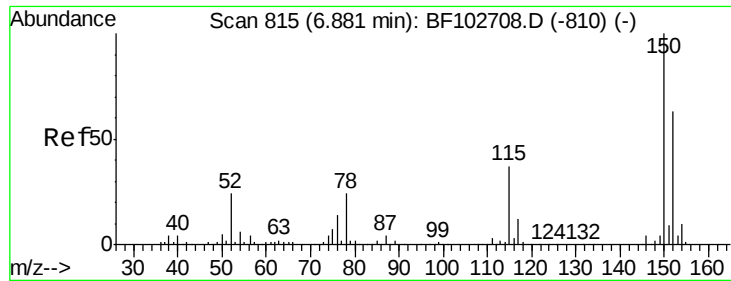
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\
 Data File : BF103074.D
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 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	274942	46.284	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	292252	43.650	ng	98
45) 1,1'-Biphenyl	9.34	154	1106798	39.562	ng	99
46) 2-Chloronaphthalene	9.37	162	892052	40.502	ng	98
47) 2-Nitroaniline	9.46	65	342952	50.283	ng	89
48) Acenaphthylene	9.79	152	1340828	39.195	ng	99
49) Dimethylphthalate	9.64	163	1106149	42.710	ng	100
50) 2,6-Dinitrotoluene	9.70	165	248407	50.414	ng	95
51) Acenaphthene	9.96	154	786981	38.468	ng	99
52) 3-Nitroaniline	9.87	138	193876	31.978	ng	98
53) 2,4-Dinitrophenol	9.99	184	156548	88.118	ng	# 18
54) Dibenzofuran	10.13	168	1194205	41.421	ng	97
55) 4-Nitrophenol	10.05	139	379899	76.438	ng	93
56) 2,4-Dinitrotoluene	10.12	165	324483	49.032	ng	# 95
57) Fluorene	10.47	166	914128	43.579	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	224956	48.477	ng	99
59) Diethylphthalate	10.34	149	1068629	41.788	ng	98
60) 4-Chlorophenyl-phenylether	10.46	204	408428	44.015	ng	99
61) 4-Nitroaniline	10.50	138	298181	51.670	ng	92
62) Azobenzene	10.62	77	1058655	41.439	ng	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	128070	51.183	ng	83
65) n-Nitrosodiphenylamine	10.58	169	842717	40.674	ng	100
66) 4-Bromophenyl-phenylether	10.95	248	262442	42.237	ng	93
67) Hexachlorobenzene	11.02	284	279251	40.739	ng	92
68) Atrazine	11.11	200	263826	43.163	ng	96
69) Pentachlorophenol	11.22	266	267022	66.361	ng	98
70) Phenanthrene	11.44	178	1319344	40.330	ng	99
71) Anthracene	11.49	178	1394176	41.901	ng	99
72) Carbazole	11.65	167	1344383	41.242	ng	99
73) Di-n-butylphthalate	11.96	149	1685922	42.577	ng	99
74) Fluoranthene	12.63	202	1345619	40.883	ng	100
76) Benzidine	12.75	184	403815	21.514	ng	98
77) Pyrene	12.86	202	1377293	43.007	ng	100
79) Butylbenzylphthalate	13.46	149	732628	47.829	ng	99
80) Benzo(a)anthracene	14.04	228	1153520	44.911	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	244325	25.656	ng	97
82) Chrysene	14.09	228	1071489	41.384	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	972447	49.569	ng	99
84) Di-n-octyl phthalate	14.64	149	1535214	52.117	ng	100
85) Indeno(1,2,3-cd)pyrene	17.07	276	981486	45.706	ng	99
87) Benzo(b)fluoranthene	15.12	252	981051	42.386	ng	98
88) Benzo(k)fluoranthene	15.14	252	957556	43.298	ng	99
89) Benzo(a)pyrene	15.49	252	928356	44.560	ng	98
90) Dibenzo(a,h)anthracene	17.09	278	800393	47.332	ng	100
91) Benzo(g,h,i)perylene	17.53	276	859324	51.918	ng	95

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

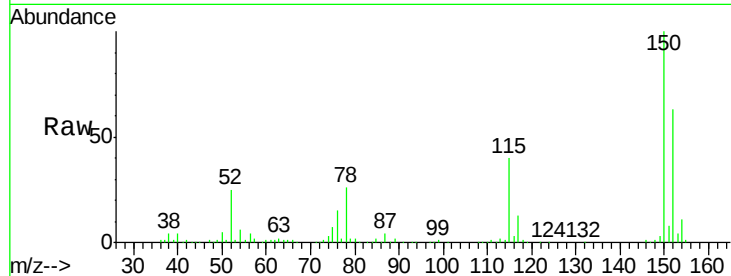


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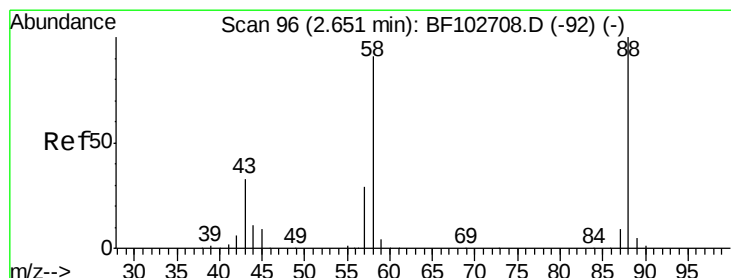
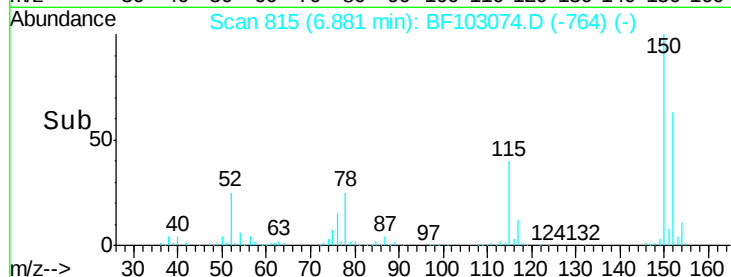
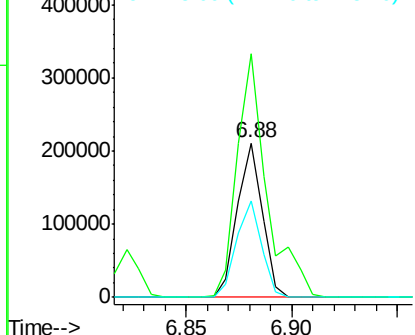
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 172772
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 62.7 50.1 75.1



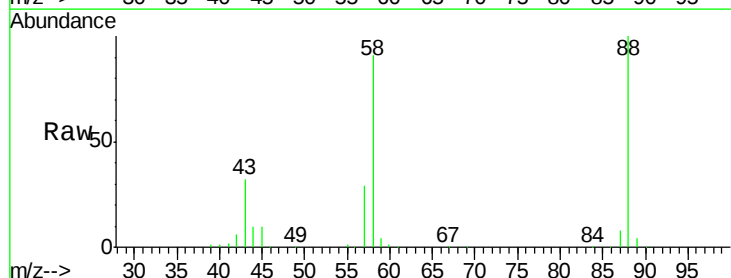
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



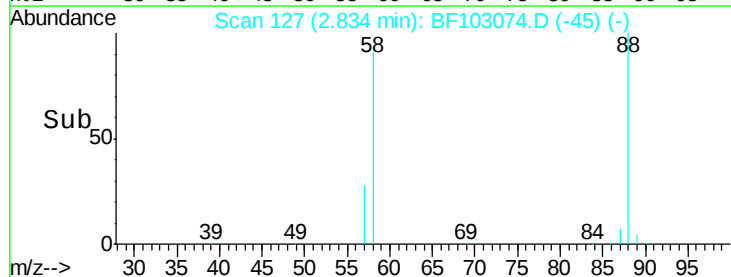
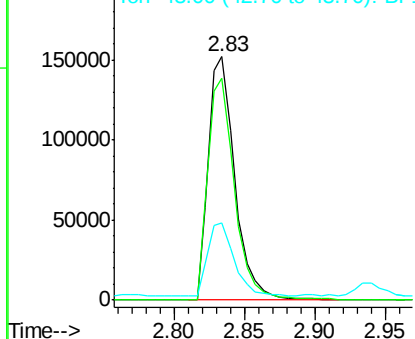
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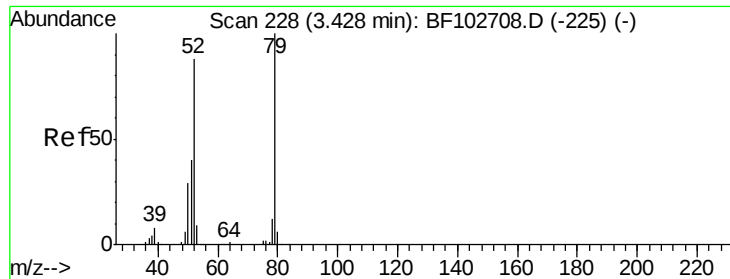
1,4-Dioxane
Concen: 35.168 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.18 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion: 88 Resp: 197615
Ion Ratio Lower Upper
88 100
58 92.5 62.6 93.8
43 0.0 24.6 37.0#



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: 32.627 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.12 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

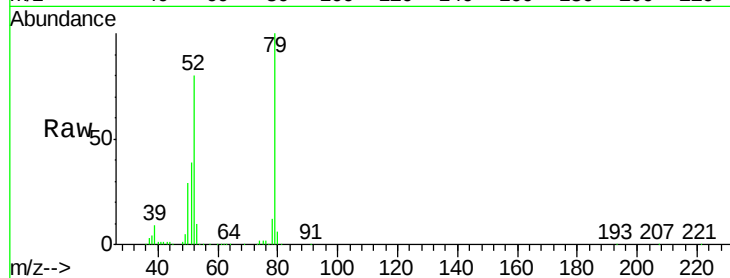
Tot Ion: 79 Resp: 506526

Ion Ratio Lower Upper

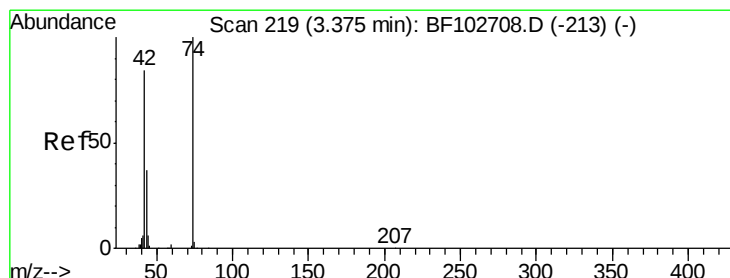
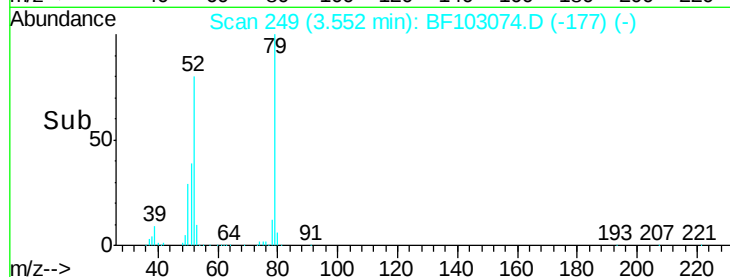
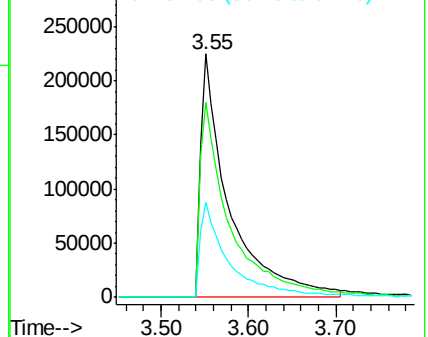
79 100

52 80.3 59.8 89.6

51 38.9 29.8 44.8



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: 41.257 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.11 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

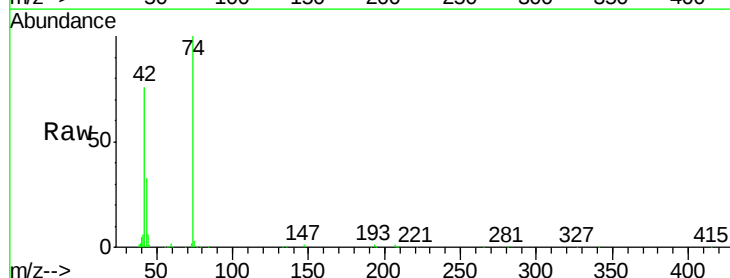
Tgt Ion: 42 Resp: 274044

Ion Ratio Lower Upper

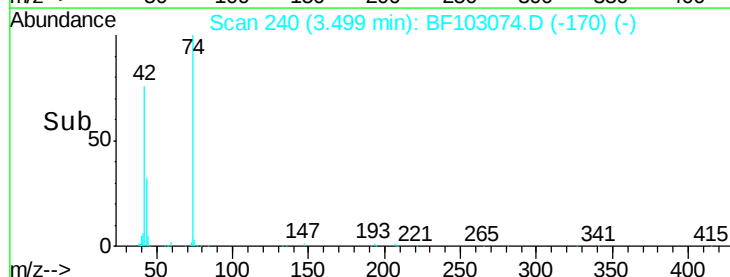
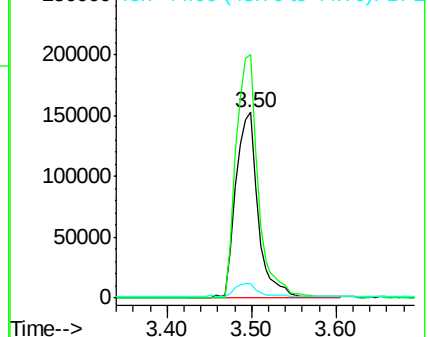
42 100

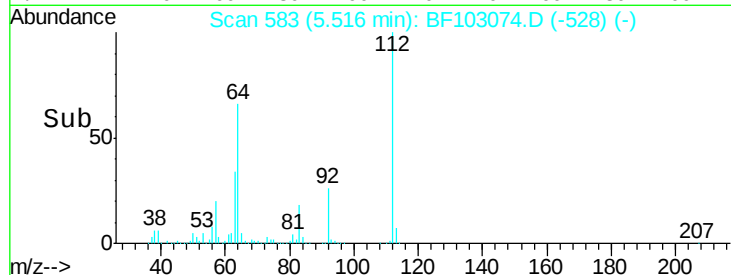
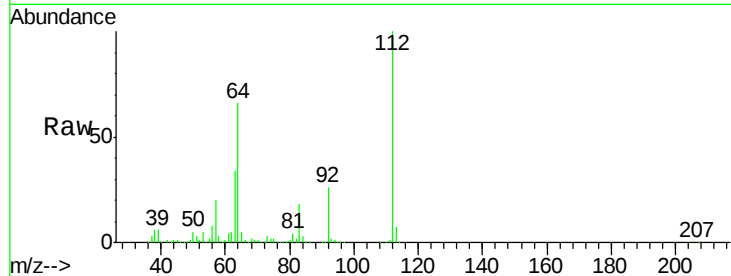
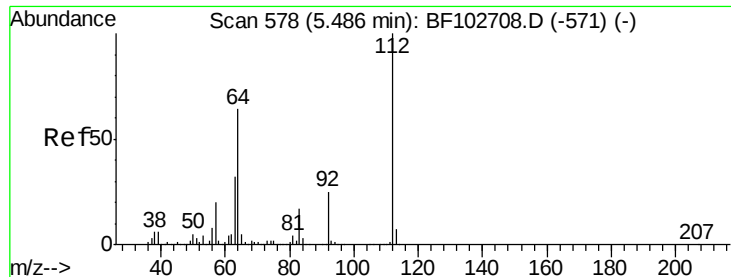
74 130.9 104.9 157.3

44 7.6 6.9 10.3



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: 106.707 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

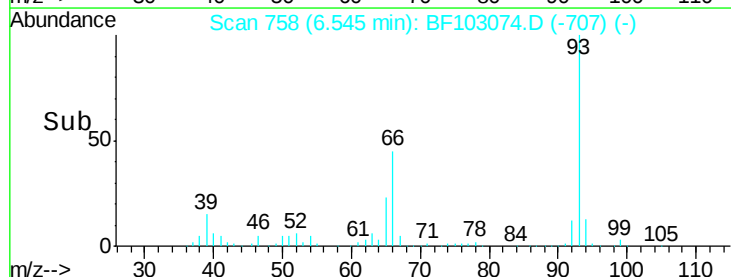
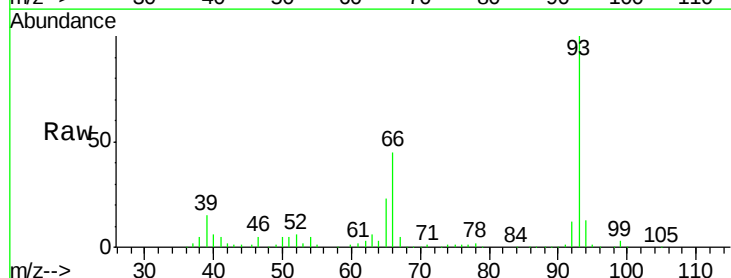
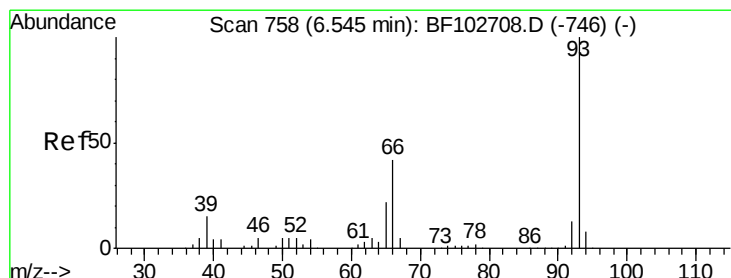
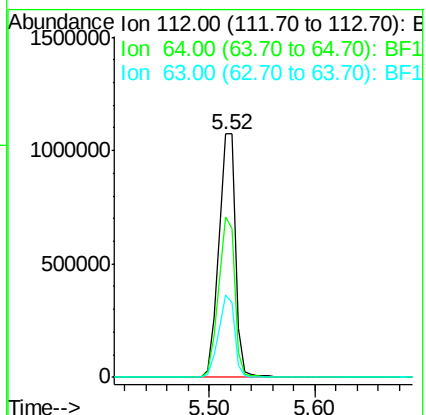
Tot Ion:112 Resp: 1213956

Ion Ratio Lower Upper

112 100

64 66.0 47.9 71.9

63 33.8 23.7 35.5



#6

Aniline

Concen: 22.693 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

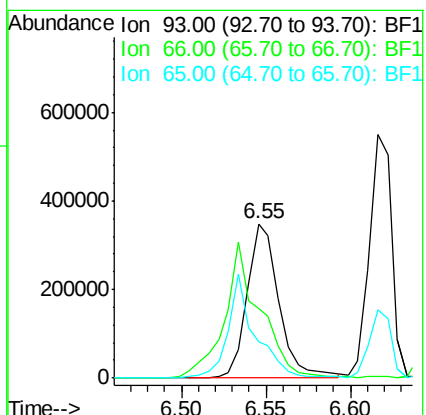
Tgt Ion: 93 Resp: 459063

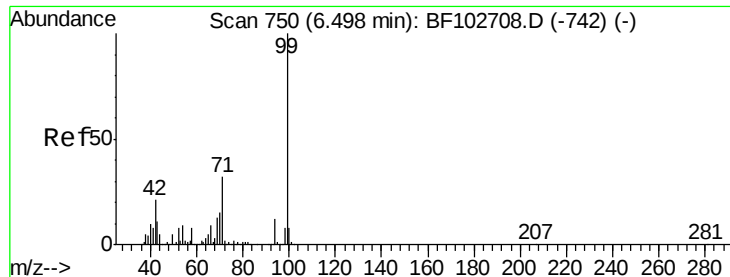
Ion Ratio Lower Upper

93 100

66 44.6 32.2 48.2

65 23.1 16.4 24.6





#7

Phenol-d6

Concen: 101.184 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampled :

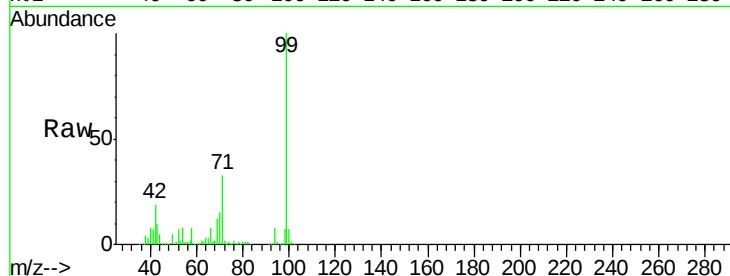
Tot Ion: 99 Resp: 1386032

Ion Ratio Lower Upper

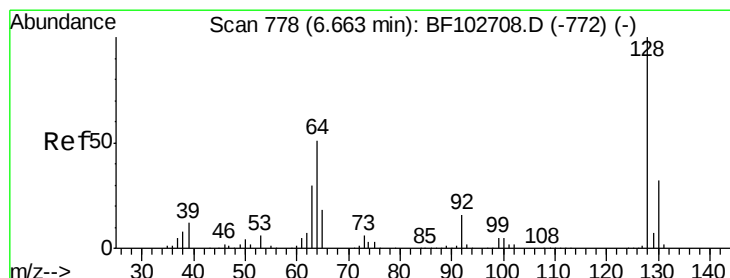
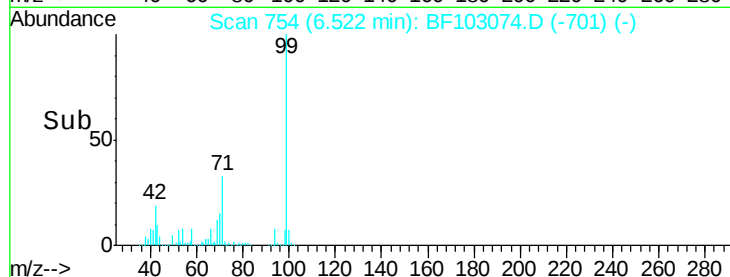
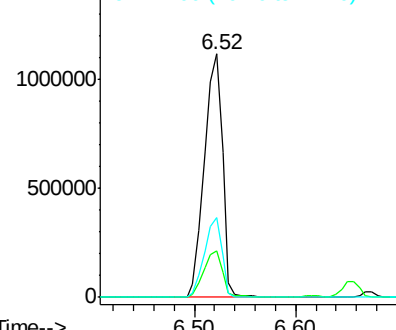
99 100

42 19.3 14.5 21.7

71 32.7 25.4 38.0



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: 42.230 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

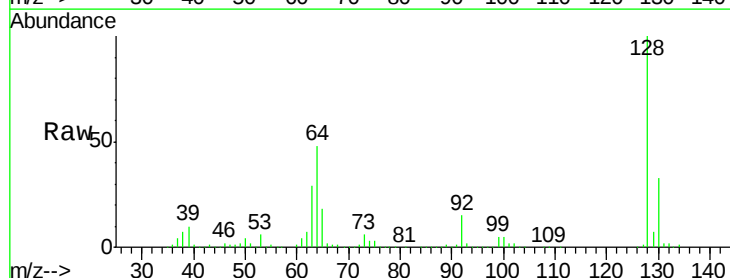
Tgt Ion: 128 Resp: 494609

Ion Ratio Lower Upper

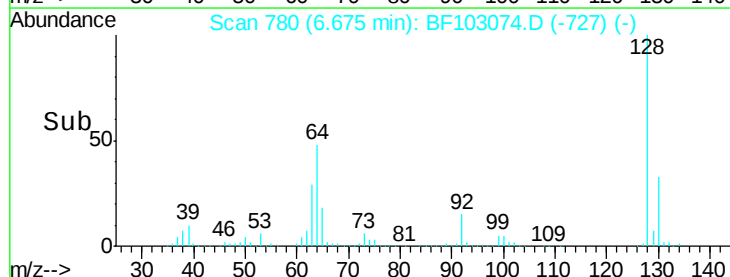
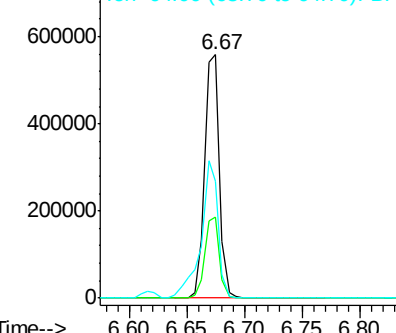
128 100

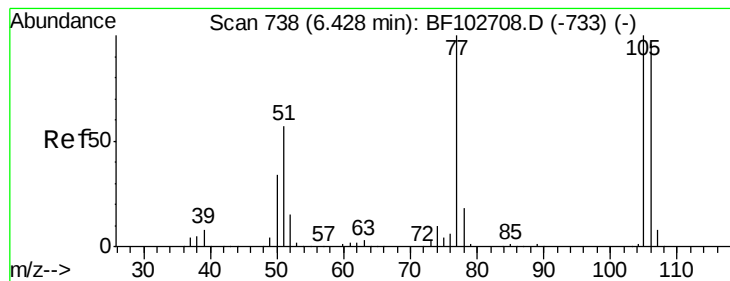
130 33.2 13.0 53.0

64 48.2 29.4 69.4



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: 5.243 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampled :

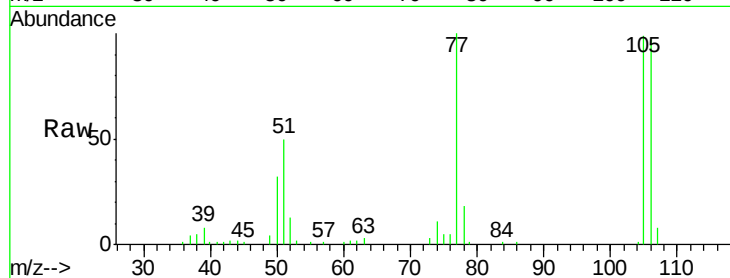
Tot Ion: 77 Resp: 53338

Ion Ratio Lower Upper

77 100

105 98.8 81.1 121.1

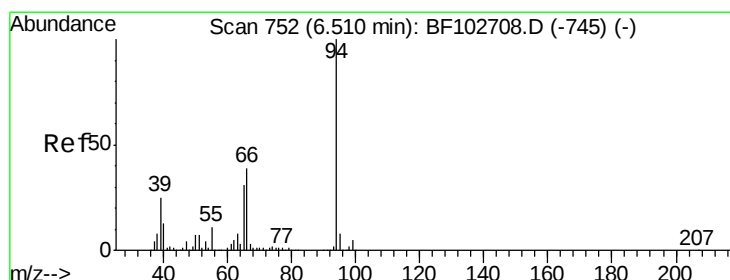
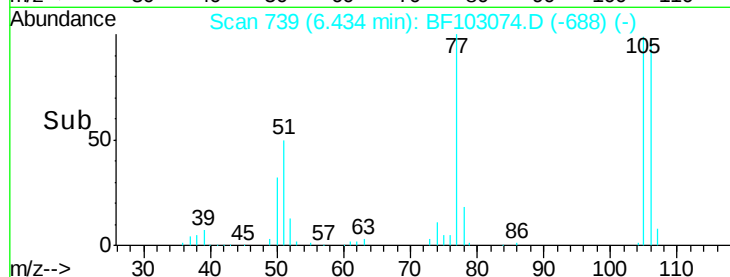
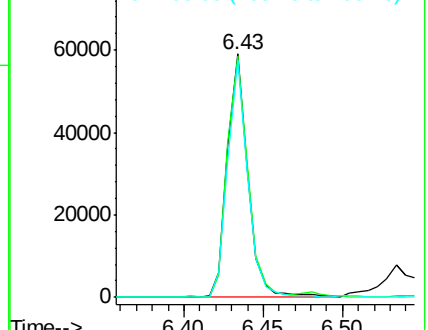
106 97.3 74.5 114.5



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: 37.648 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

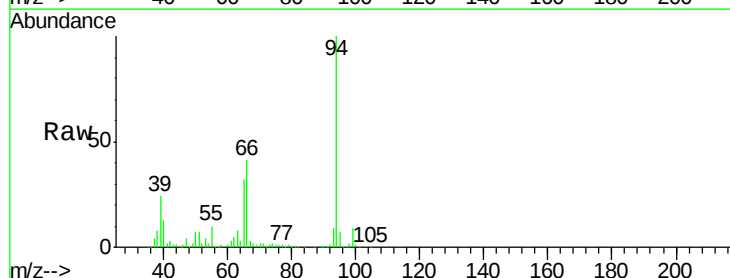
Tgt Ion: 94 Resp: 552672

Ion Ratio Lower Upper

94 100

65 31.5 7.9 47.9

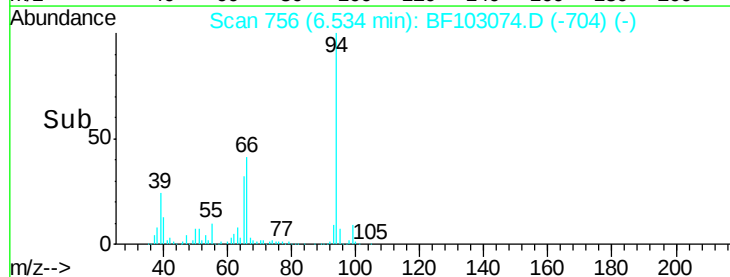
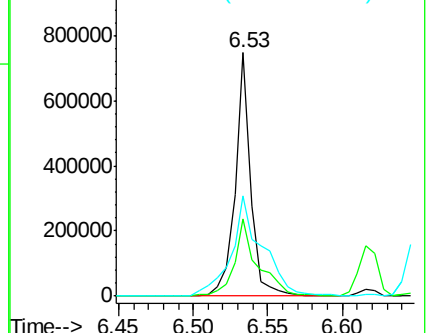
66 40.9 16.2 56.2

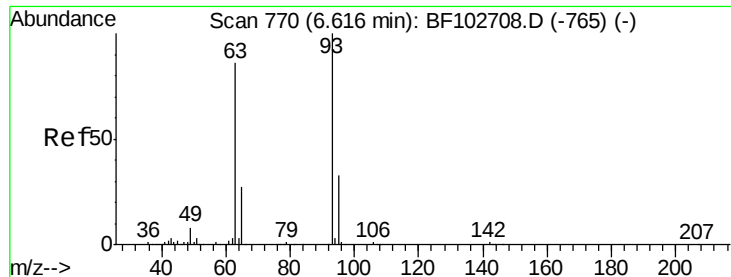


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.090 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

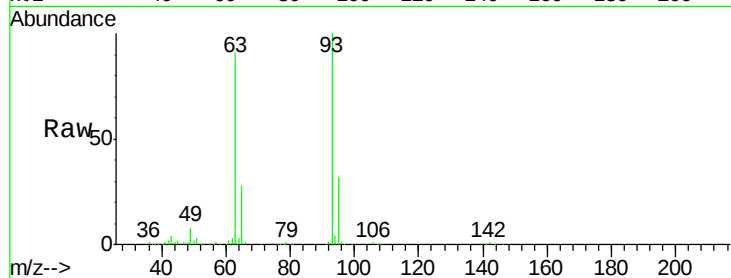
Tot Ion: 93 Resp: 501928

Ion Ratio Lower Upper

93 100

63 91.3 58.6 98.6

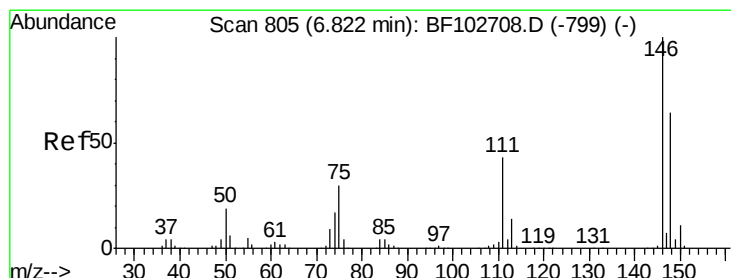
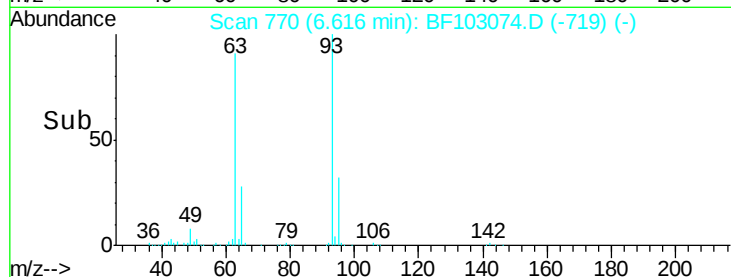
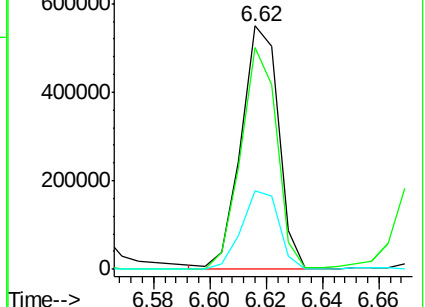
95 32.3 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 37.657 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

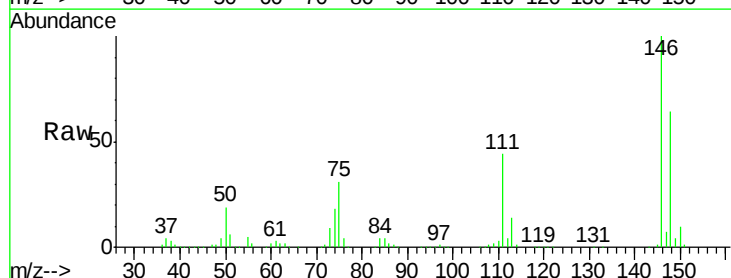
Tgt Ion: 146 Resp: 510747

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

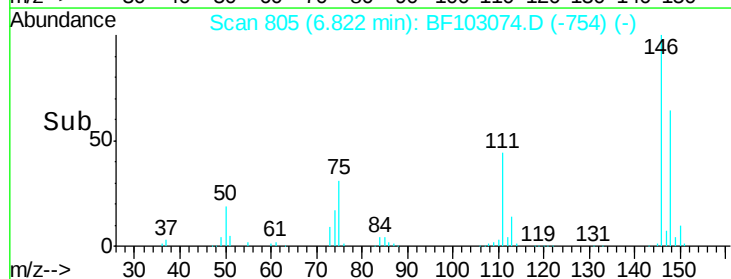
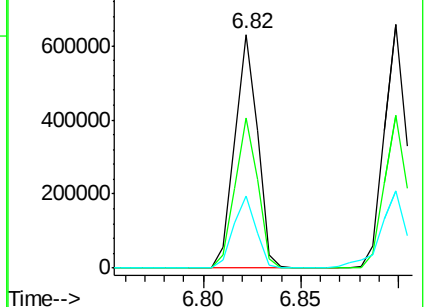
75 31.0 24.2 36.4

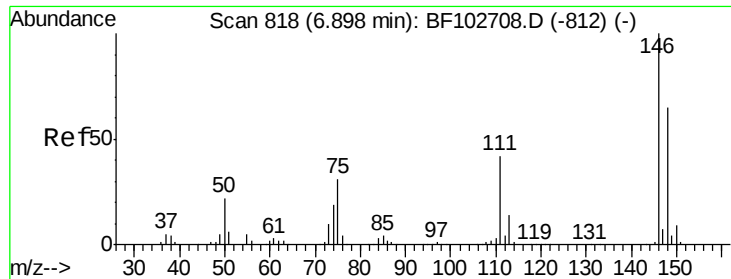


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

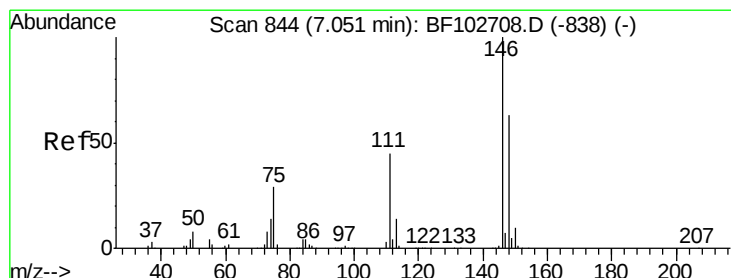
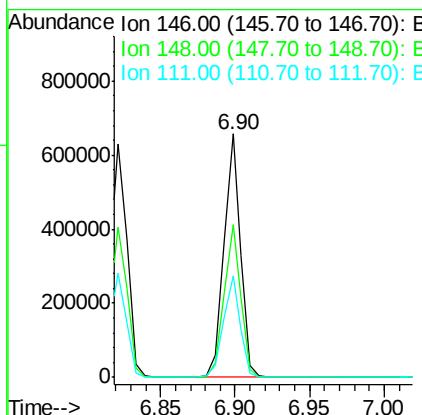
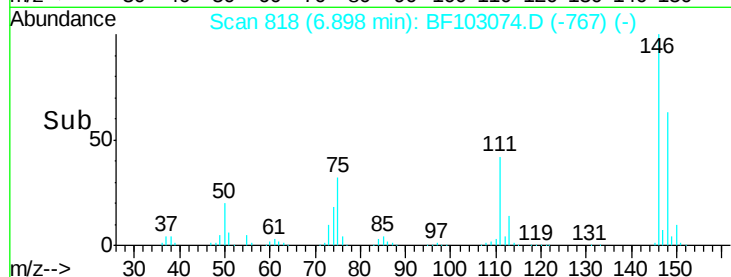
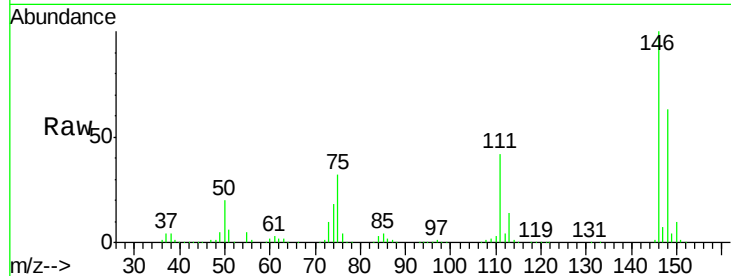




#13
 1,4-Dichlorobenzene
 Concen: 38.300 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

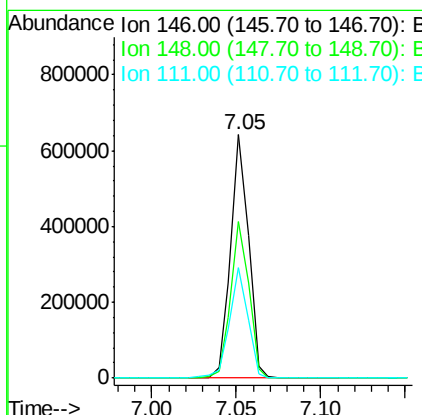
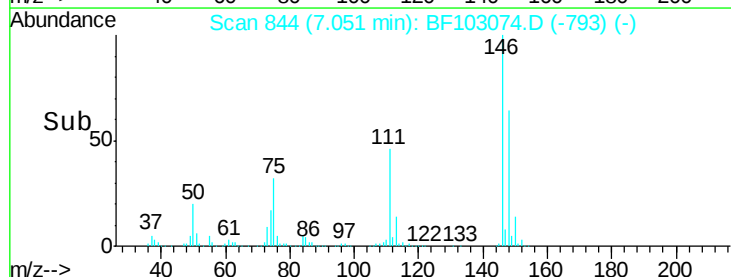
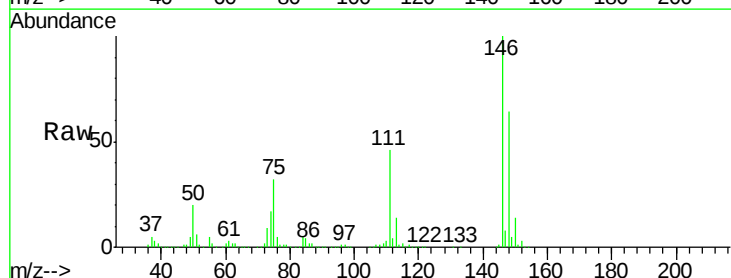
Instrument :
 BNA_F
 ClientSampleId :

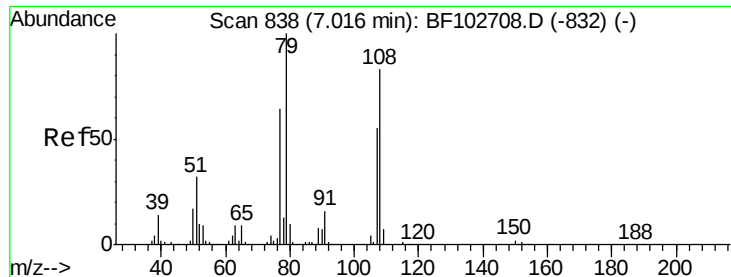
Tot Ion:146 Resp: 517462
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.8 76.2
 111 41.9 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.623 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion:146 Resp: 473446
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 45.6 36.0 54.0





#15

Benzyl Alcohol

Concen: 41.510 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

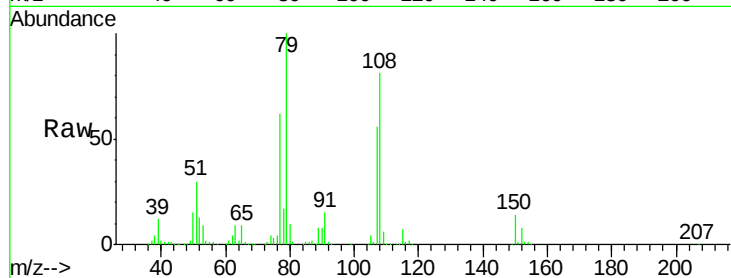
Tot Ion: 79 Resp: 437162

Ion Ratio Lower Upper

79 100

108 80.6 65.1 97.7

77 62.4 50.6 75.8



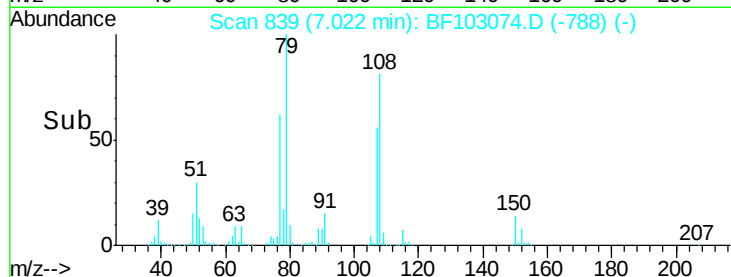
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

7.02

Time-->



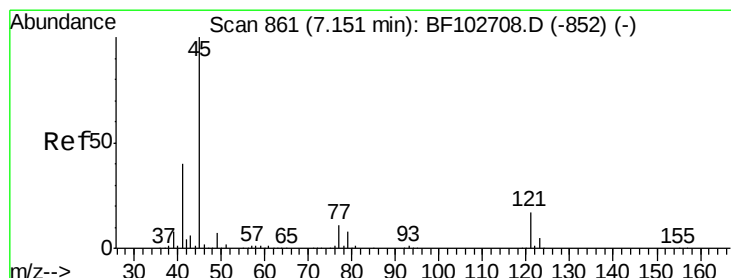
Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

7.02

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.289 ng

RT: 7.15 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

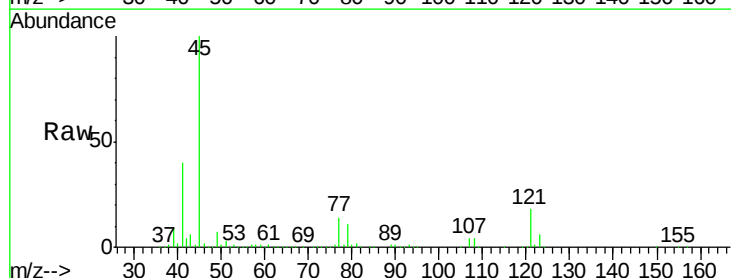
Tgt Ion: 45 Resp: 865297

Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.9

79 10.8 0.0 29.6



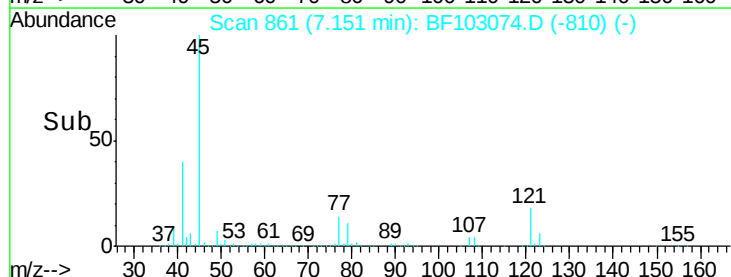
Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

7.15

Time-->



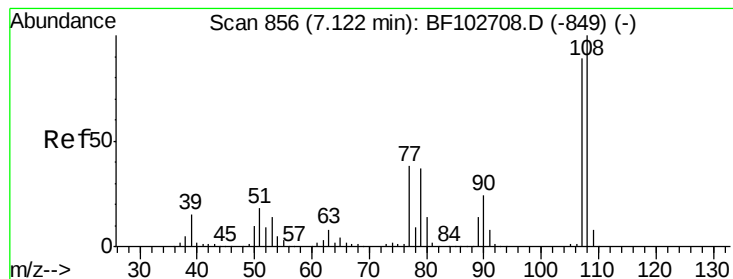
Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

7.15

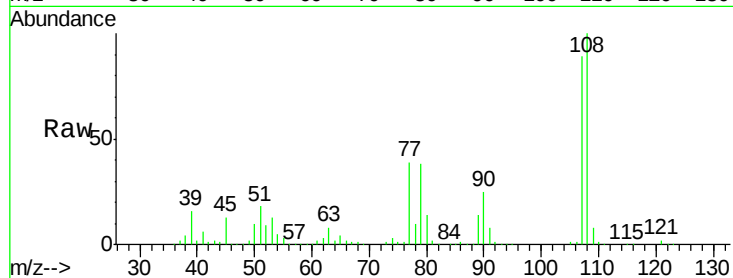
Time-->



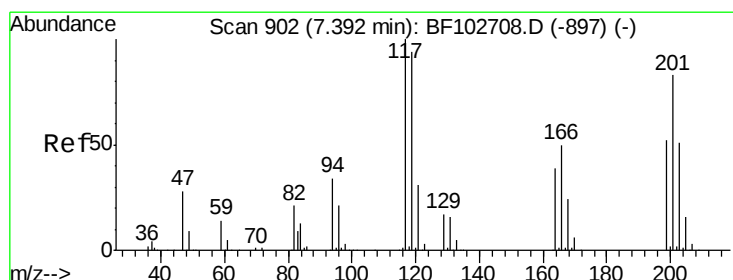
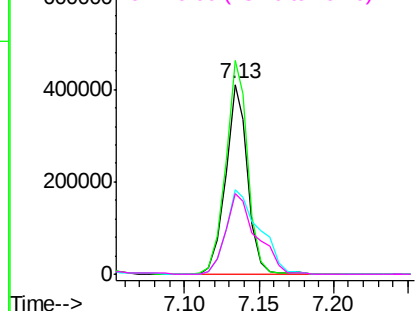
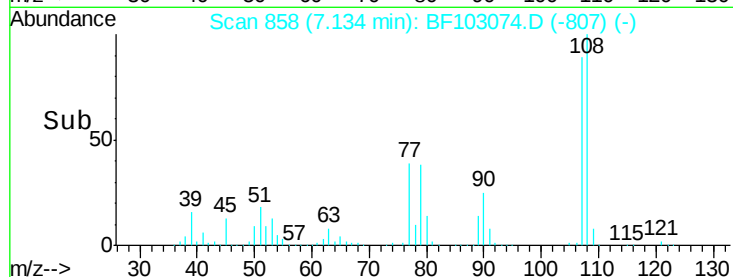
#17
2-Methylphenol
Concen: 39.272 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.7	137.5
77	44.4	33.8	50.8
79	42.8	33.8	50.8

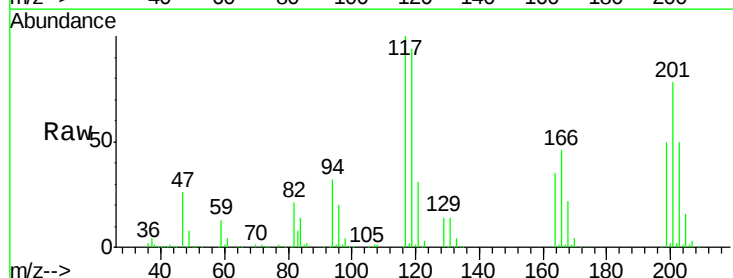


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

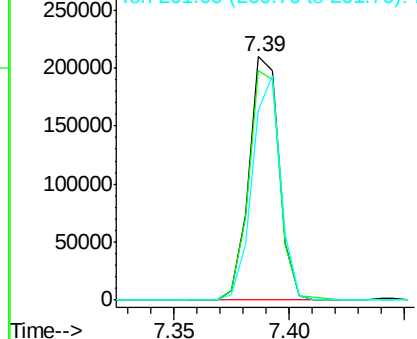
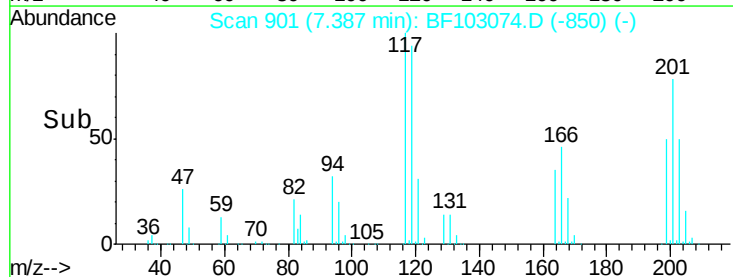


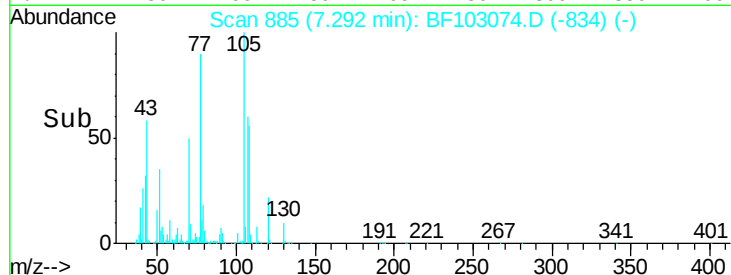
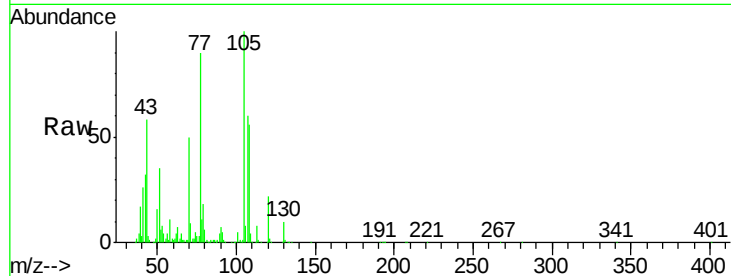
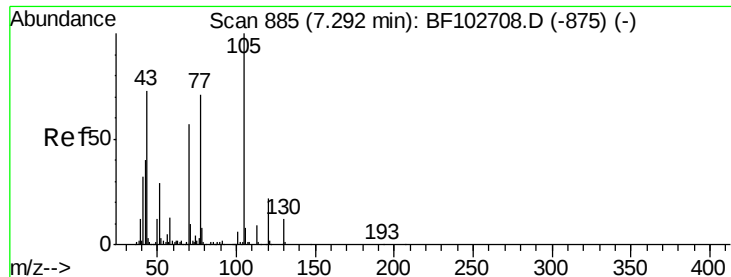
#18
Hexachloroethane
Concen: 41.396 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.8	113.8
201	77.8	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

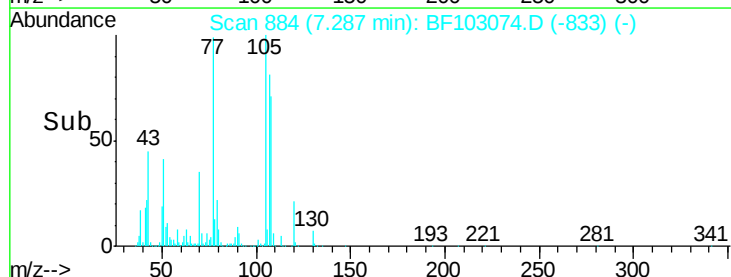
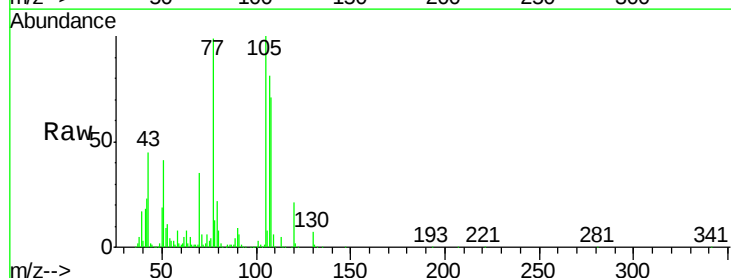
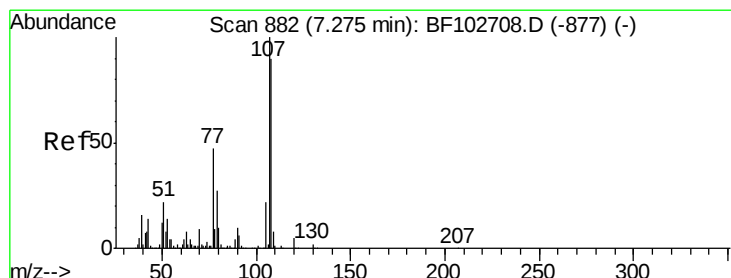
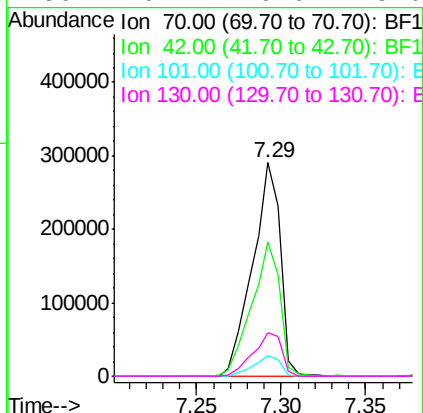




#19
n-Nitroso-di-n-propylamine
Concen: 36.928 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

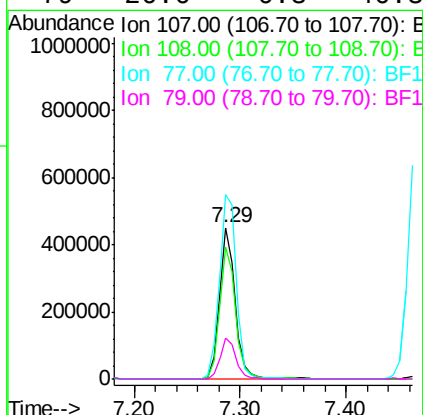
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.8	47.5	71.3
101	9.7	7.4	11.2
130	20.4	16.6	25.0



#20
3+4-Methylphenols
Concen: 35.550 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	68.2	108.2
77	122.0	26.7	66.7#
79	26.6	6.3	46.3

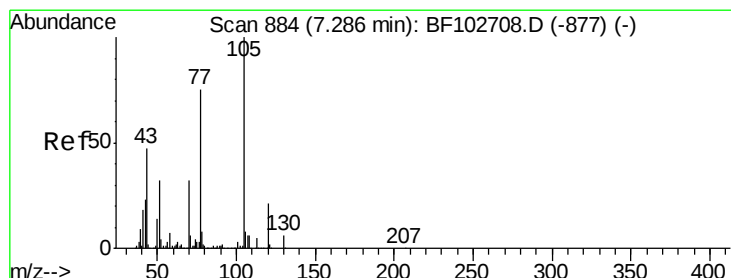
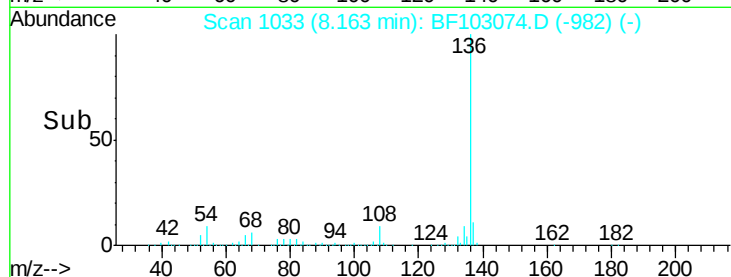
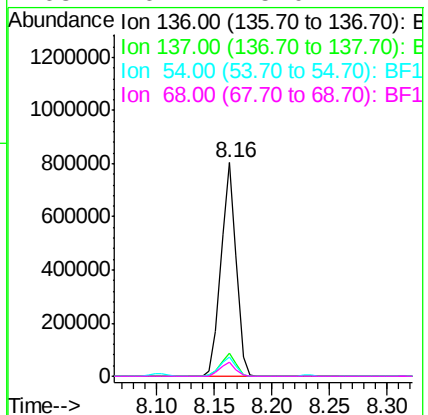
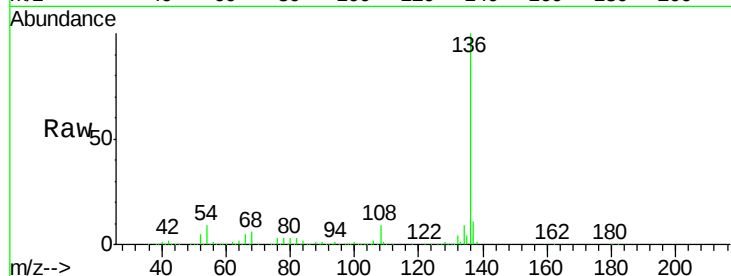




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

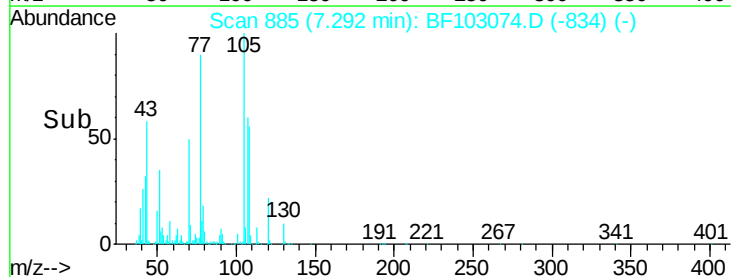
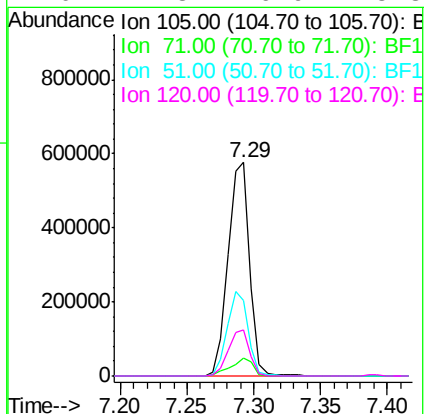
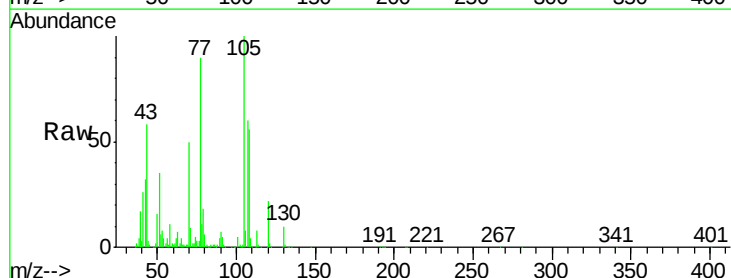
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	730134
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	9.2	6.6 9.8
68	6.4	5.0 7.4



#22
Acetophenone
Concen: 36.620 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion:105	Resp:	654296
Ion Ratio	Lower	Upper
105	100	
71	8.6	4.4 6.6#
51	35.3	22.3 33.5#
120	21.8	16.9 25.3

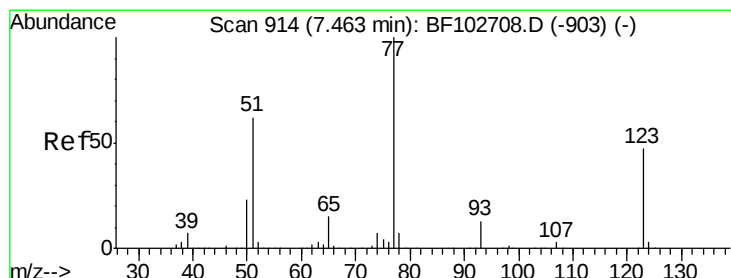
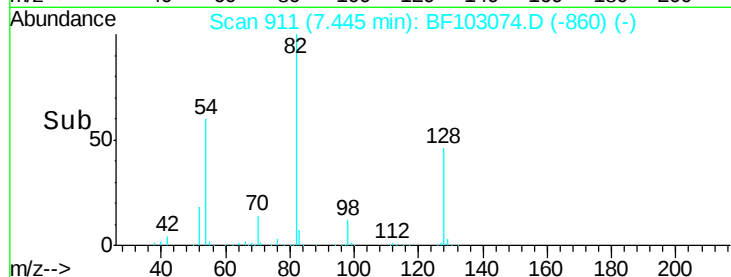
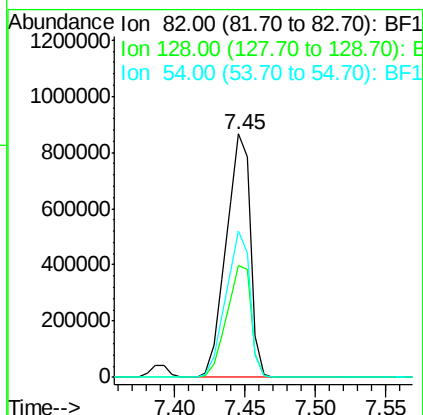
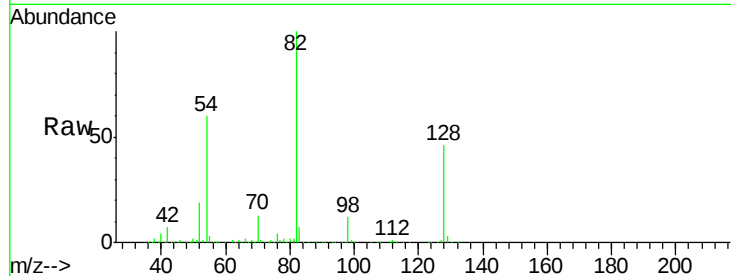




#23
 Nitrobenzene-d5
 Concen: 97.871 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

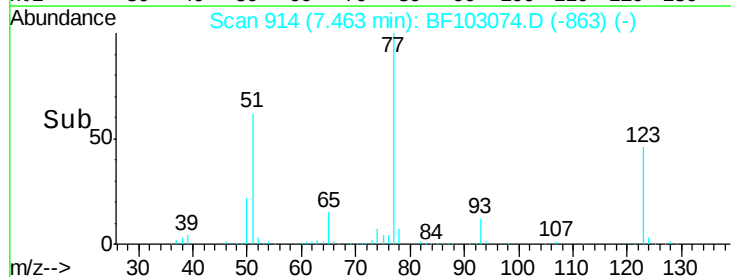
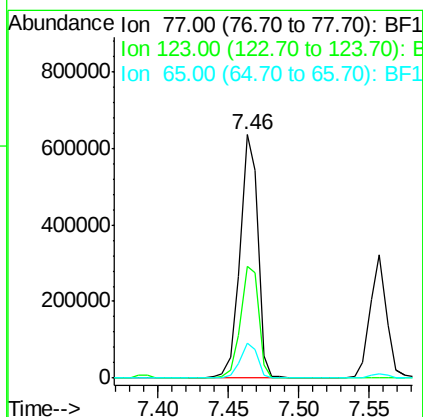
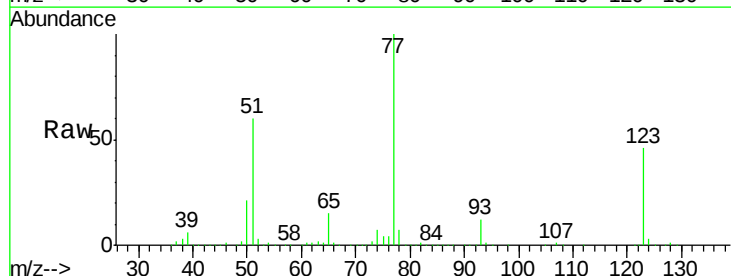
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1030109
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 60.3 41.4 62.2



#24
 Nitrobenzene
 Concen: 45.007 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion: 77 Resp: 557208
 Ion Ratio Lower Upper
 77 100
 123 45.7 37.9 56.9
 65 14.6 11.0 16.4





#25

Isophorone

Concen: 42.524 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :

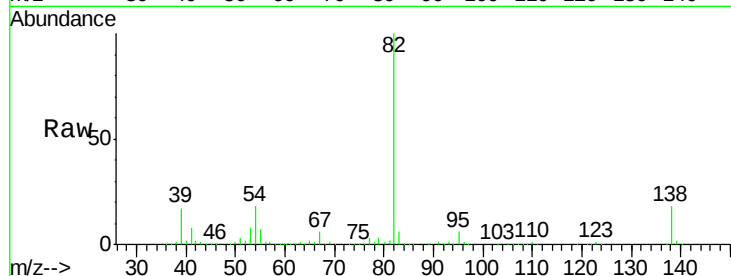
Tot Ion: 82 Resp: 1030606

Ion Ratio Lower Upper

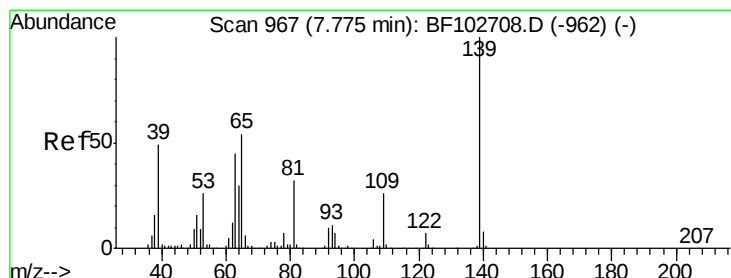
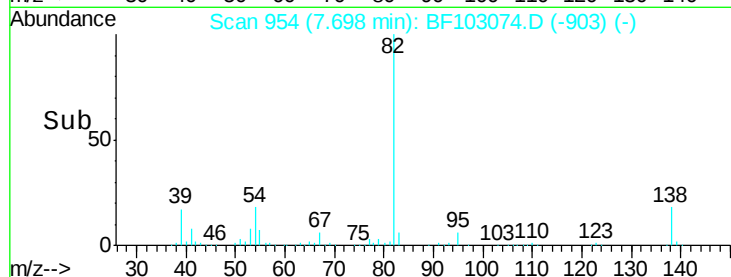
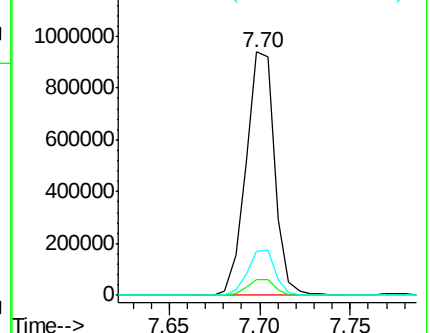
82 100

95 6.4 5.2 7.8

138 17.8 14.9 22.3



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: 55.378 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

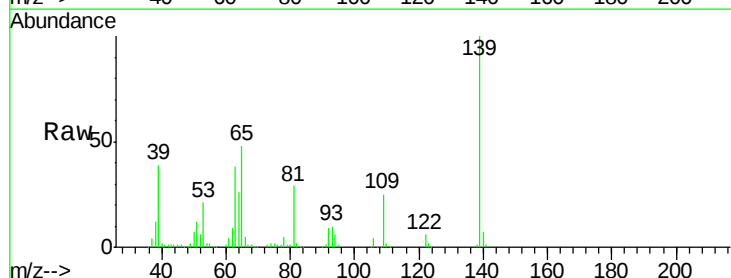
Tgt Ion: 139 Resp: 289936

Ion Ratio Lower Upper

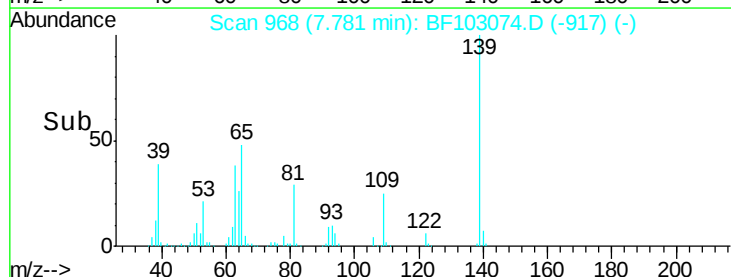
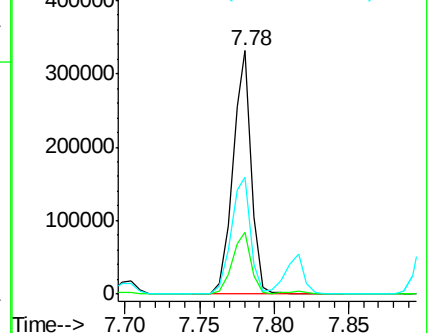
139 100

109 25.2 22.7 34.1

65 48.0 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 44.984 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

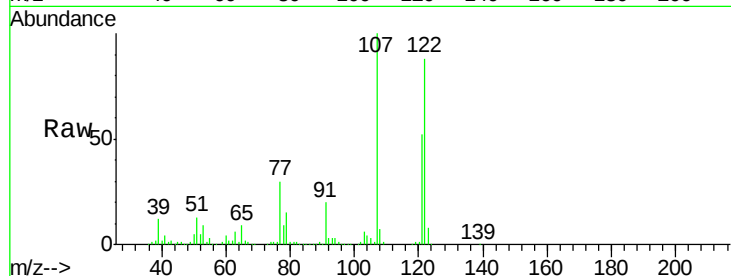
Tot Ion:122 Resp: 460595

Ion Ratio Lower Upper

122 100

107 113.4 91.2 136.8

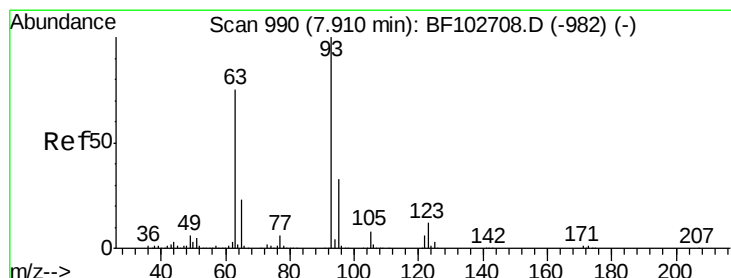
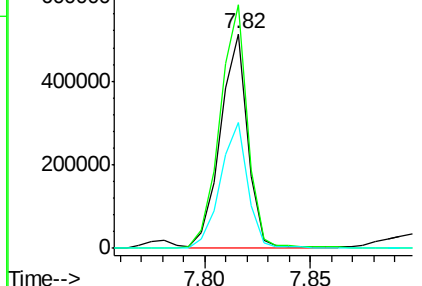
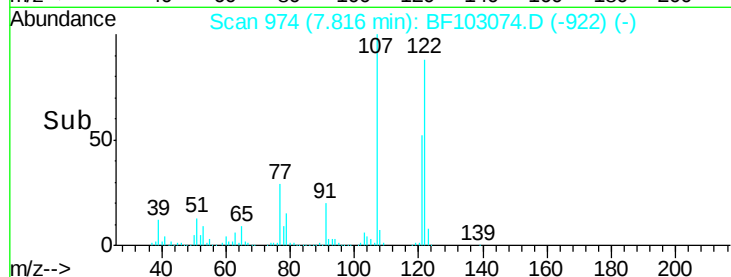
121 58.8 47.2 70.8



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: 44.762 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

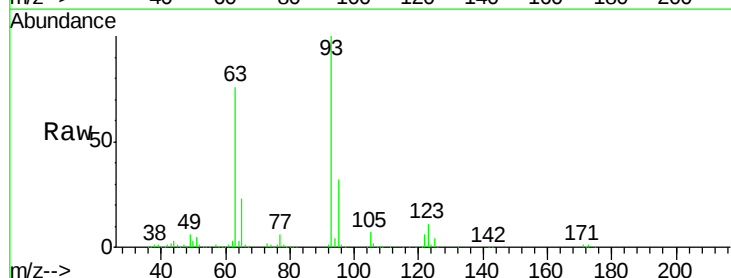
Tgt Ion: 93 Resp: 642641

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

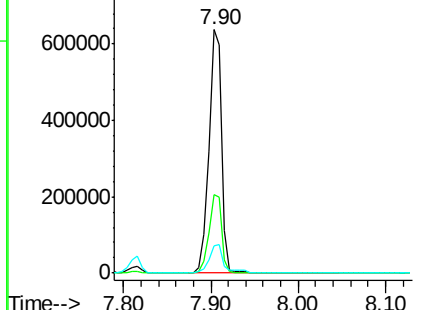
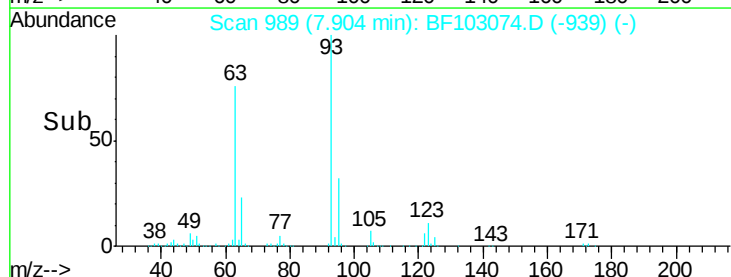
123 11.3 9.8 14.6



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

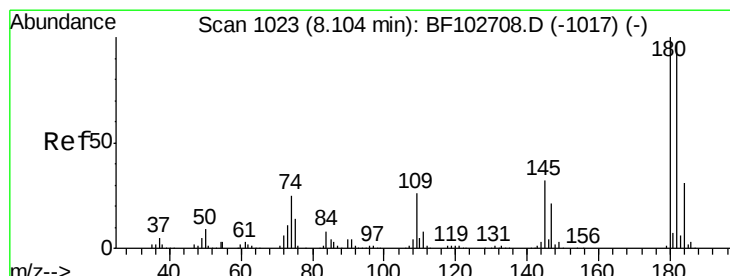
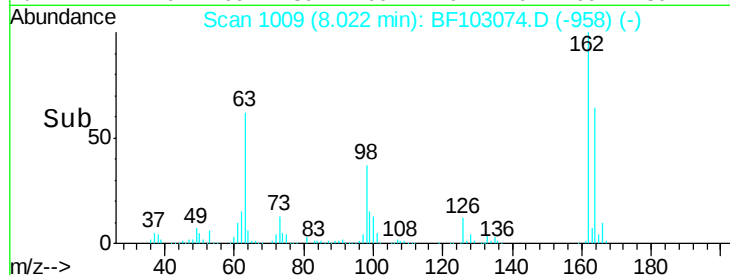
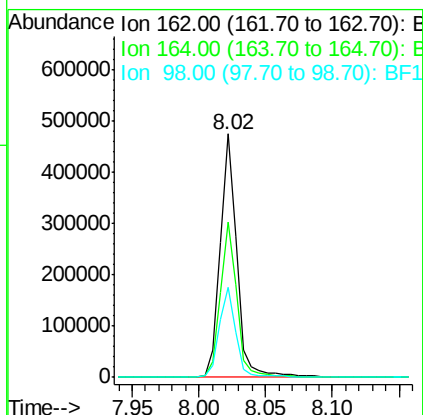
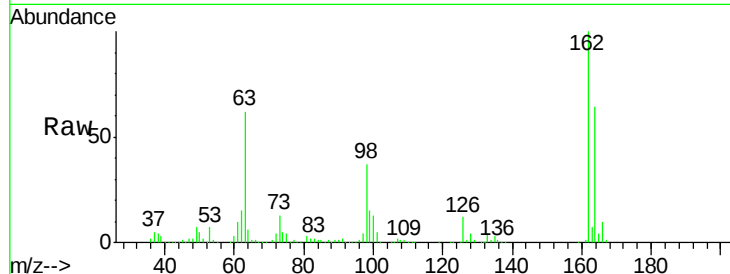




#29
 2,4-Dichlorophenol
 Concen: 45.326 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

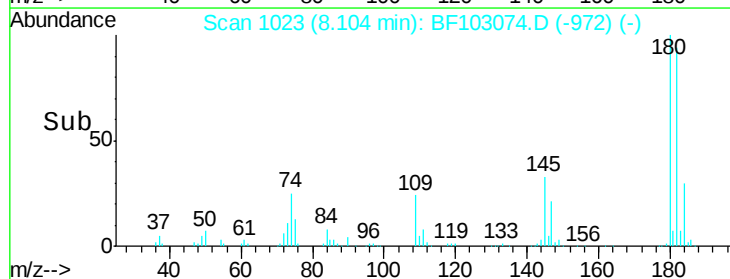
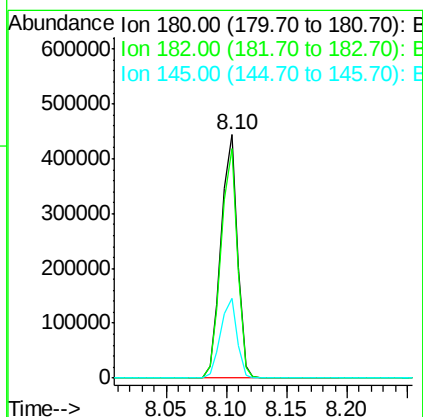
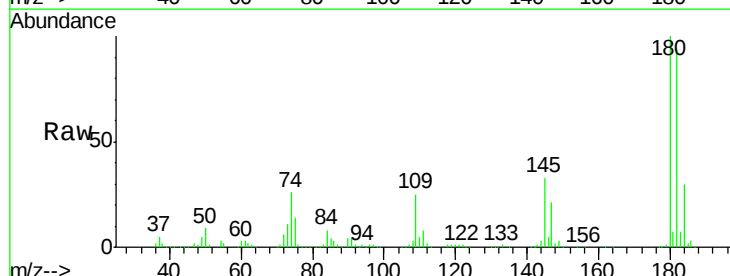
Instrument :
 BNA_F
 ClientSampleId :

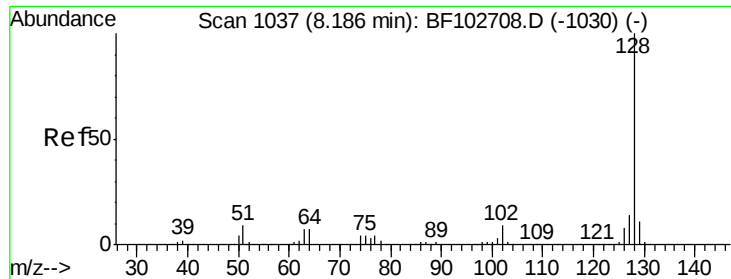
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	42.7	82.7
98	37.2	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.525 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.8	115.2
145	32.7	26.5	39.7

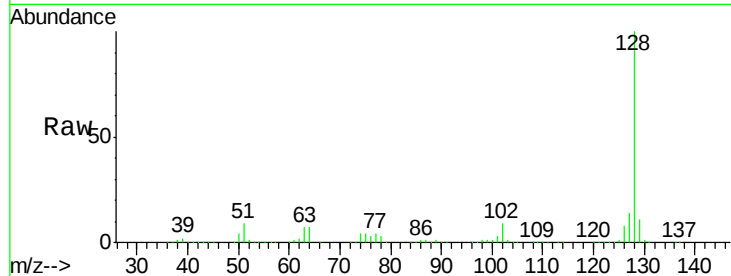




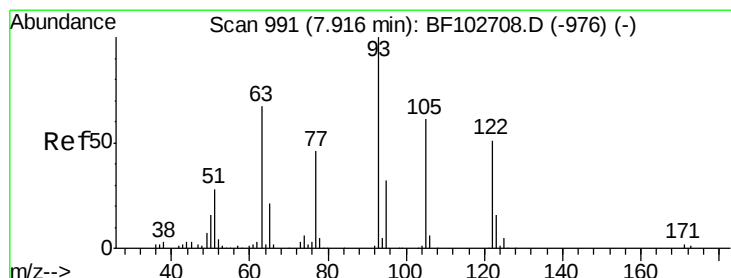
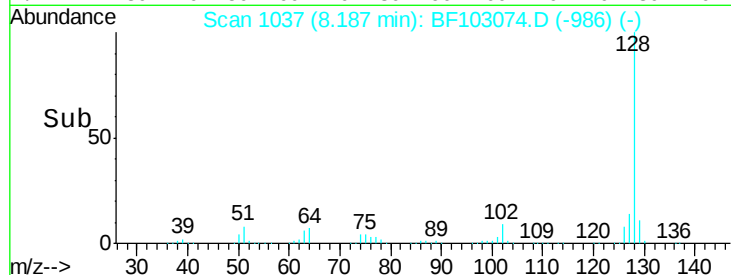
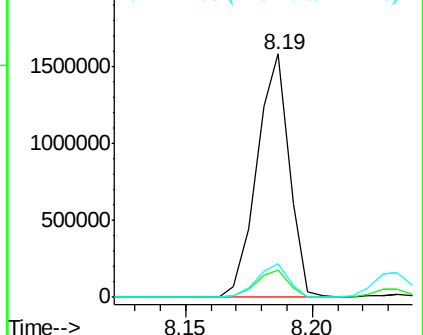
#31
Naphthalene
Concen: 39.587 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1412168
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.9 10.9 16.3

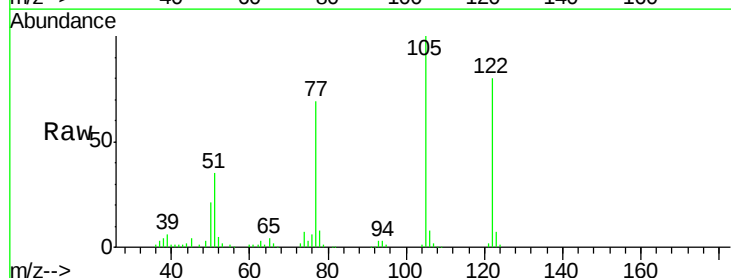


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

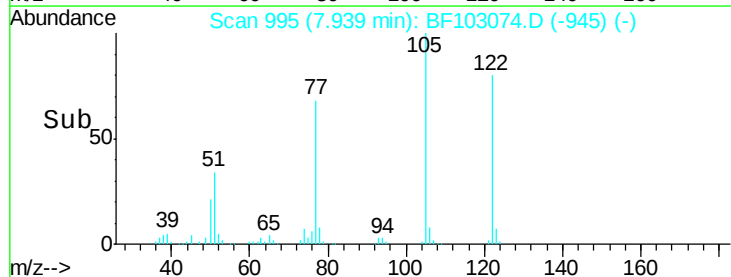
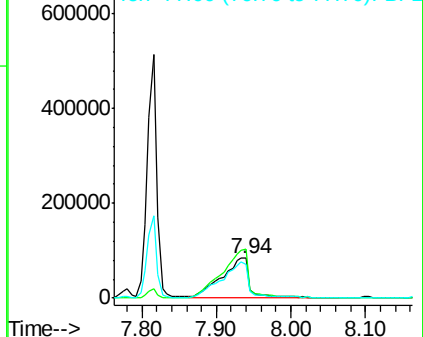


#32
Benzoic acid
Concen: 34.749 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion:122 Resp: 218807
Ion Ratio Lower Upper
122 100
105 124.5 101.1 141.1
77 86.0 70.7 110.7



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

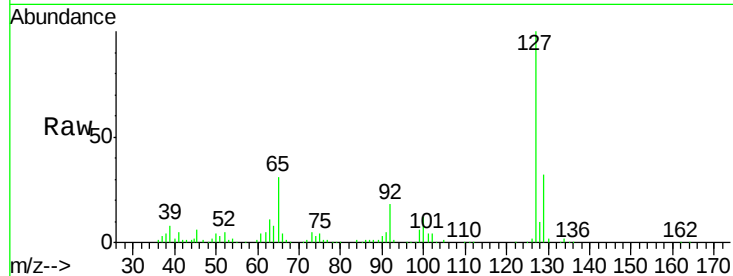




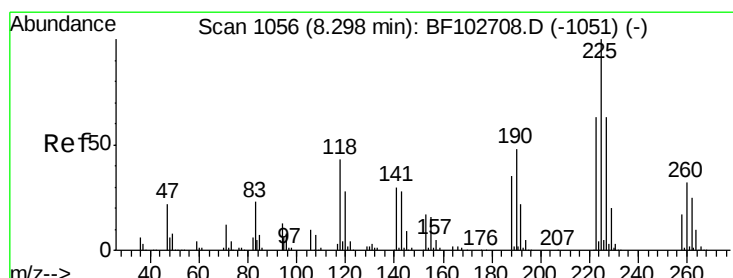
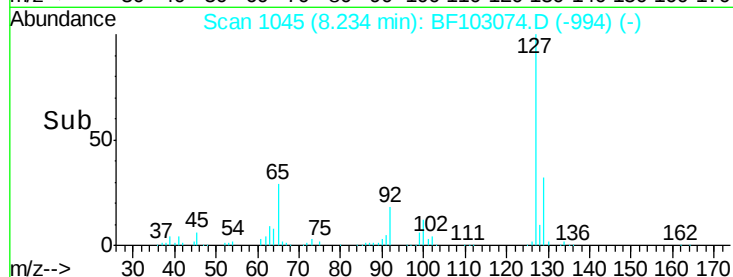
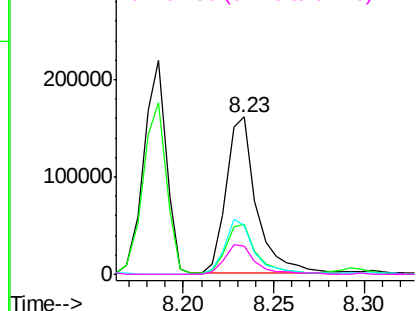
#33
4-Chloroaniline
Concen: 12.244 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	188162
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	31.4	25.0	37.4
92	18.1	15.2	22.8

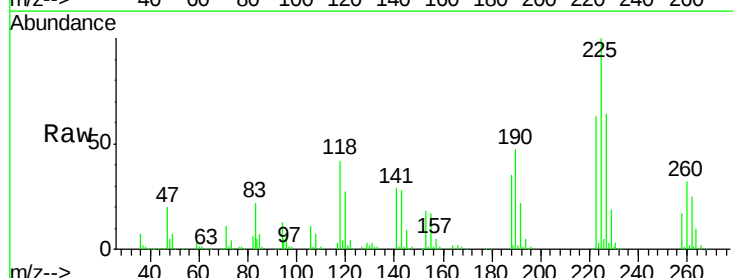


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

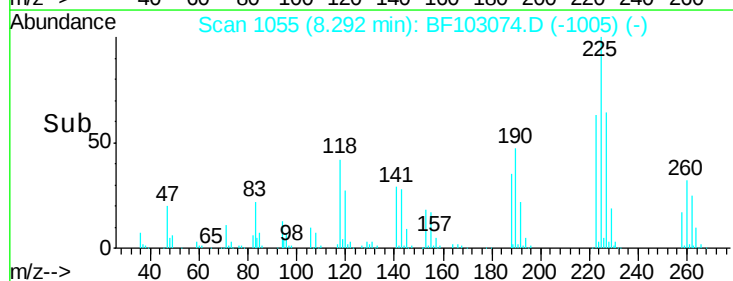
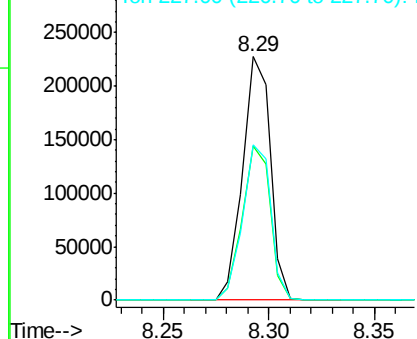


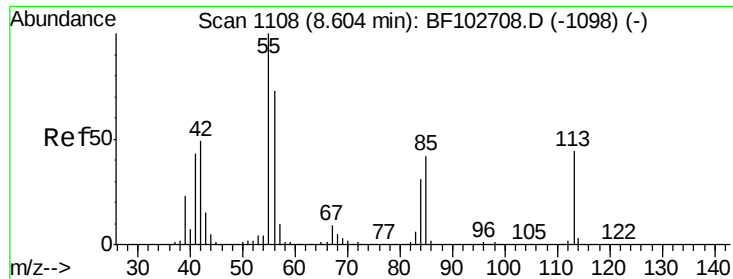
#34
Hexachlorobutadiene
Concen: 38.388 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion:	225	Resp:	207133
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	64.0	51.9	77.9



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

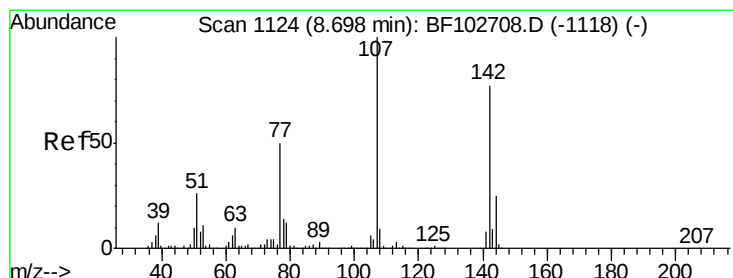
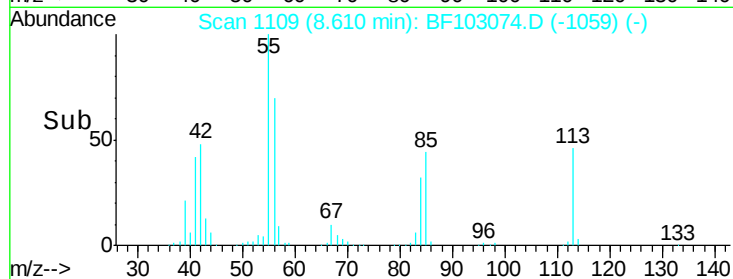
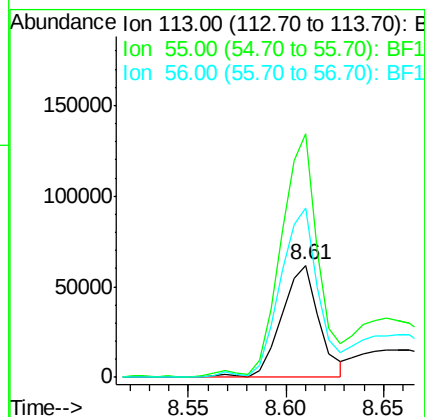
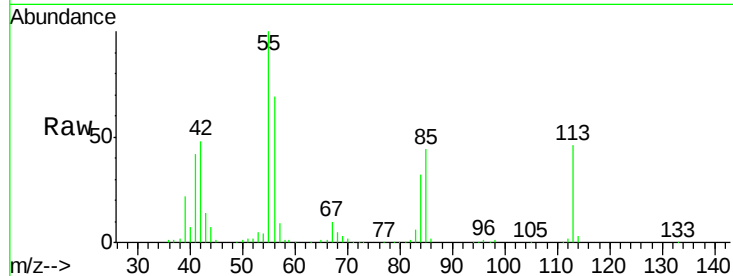




#35
Caprolactam
Concen: 25.396 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

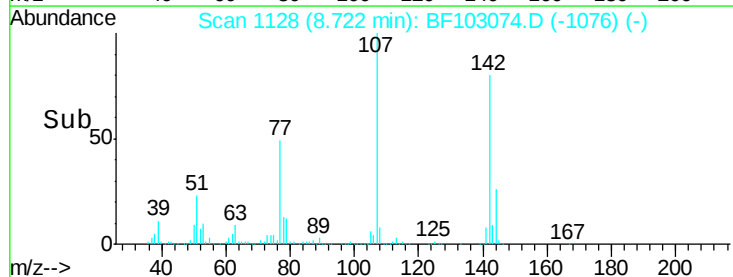
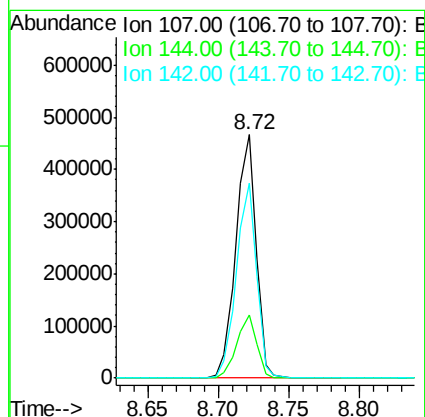
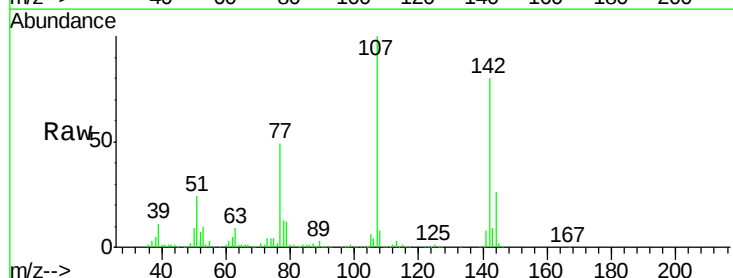
Instrument :
BNA_F
ClientSampleId :

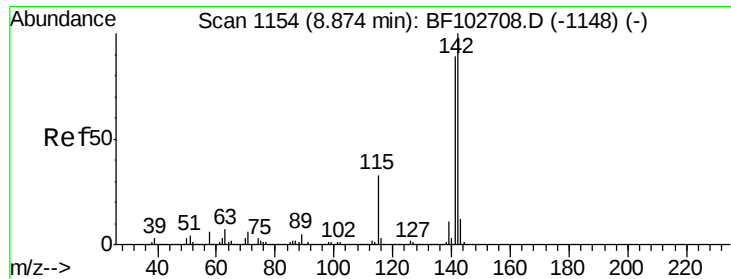
Tot Ion:113 Resp: 82094
Ion Ratio Lower Upper
113 100
55 217.5 163.3 203.3#
56 151.0 115.7 155.7



#36
4-Chloro-3-methylphenol
Concen: 45.143 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion:107 Resp: 472115
Ion Ratio Lower Upper
107 100
144 26.0 20.5 30.7
142 80.2 62.0 93.0





#37

2-Methylnaphthalene

Concen: 41.234 ng

RT: 8.87 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

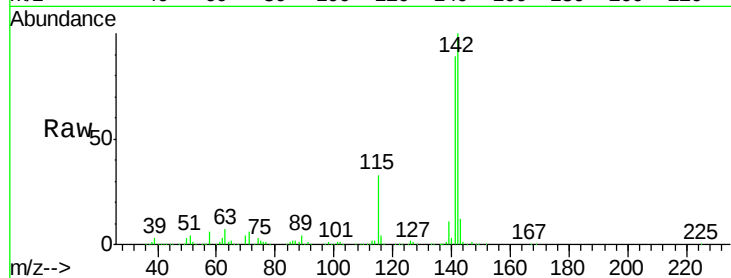
Tot Ion:142 Resp: 963033

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2

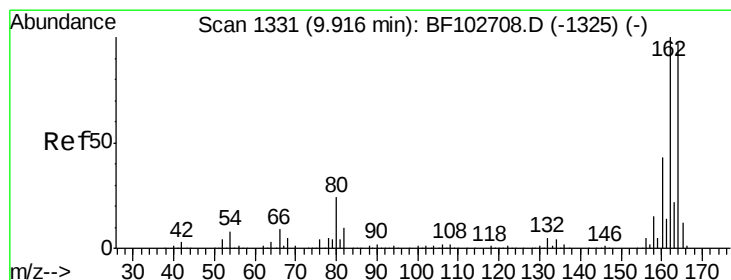
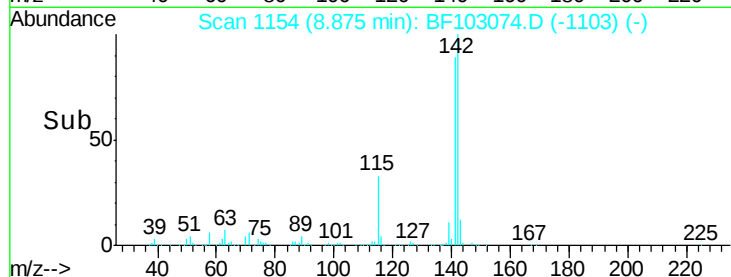
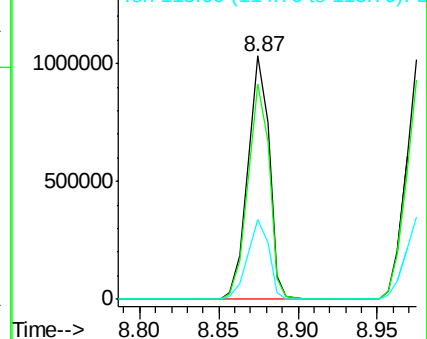
115 32.8 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

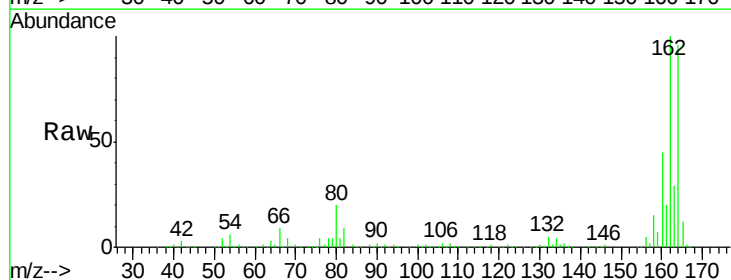
Tgt Ion:164 Resp: 332156

Ion Ratio Lower Upper

164 100

162 103.7 86.1 129.1

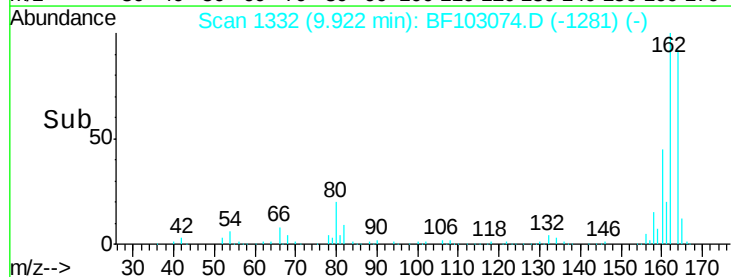
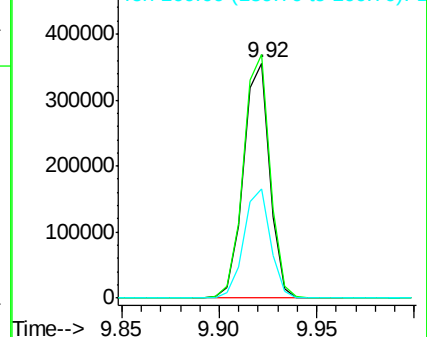
160 46.3 38.3 57.5



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

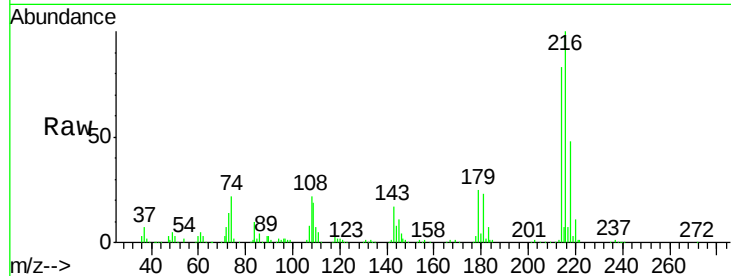




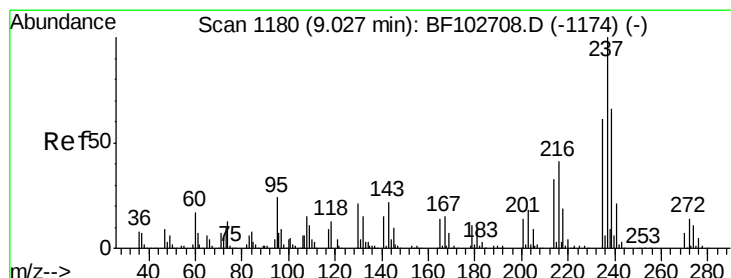
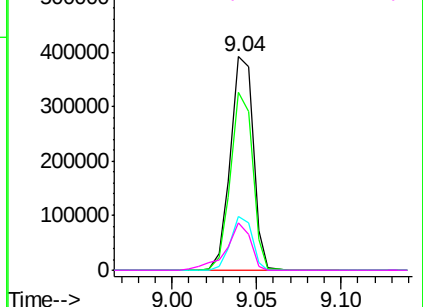
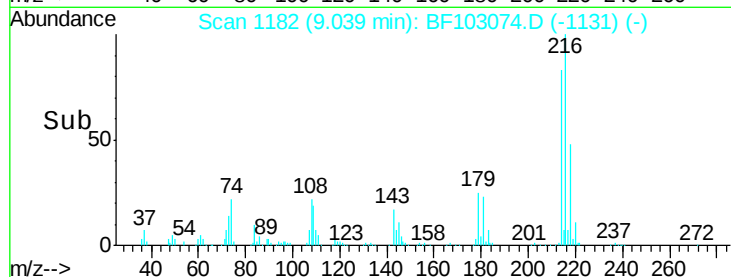
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.652 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	367657
Ion Ratio	Lower	Upper
216	100	
214	80.6	63.0 94.4
179	23.9	18.1 27.1
108	23.8	17.2 25.8

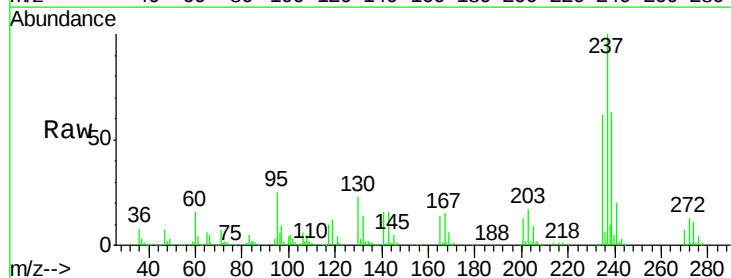


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

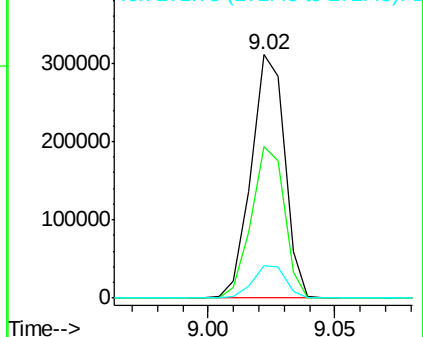
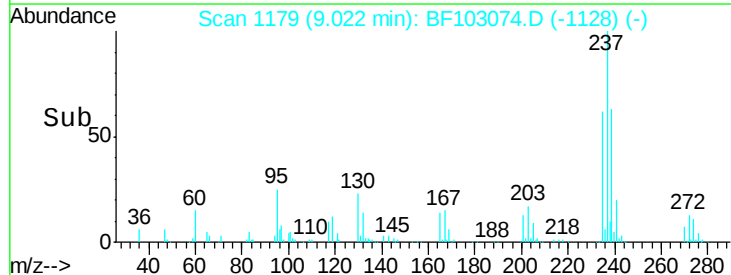


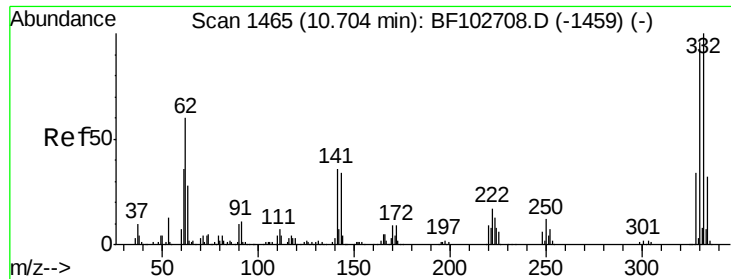
#40
 Hexachlorocyclopentadiene
 Concen: 67.086 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion:237	Resp:	288427
Ion Ratio	Lower	Upper
237	100	
235	62.1	44.8 84.8
272	13.3	0.0 33.3



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

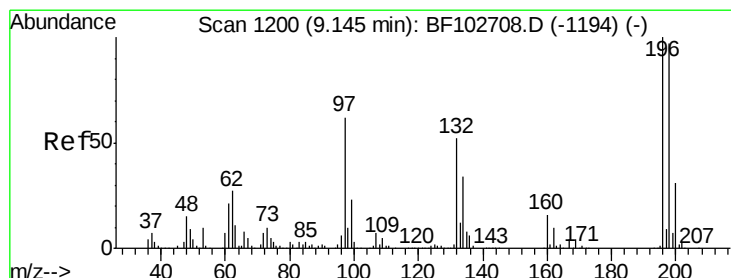
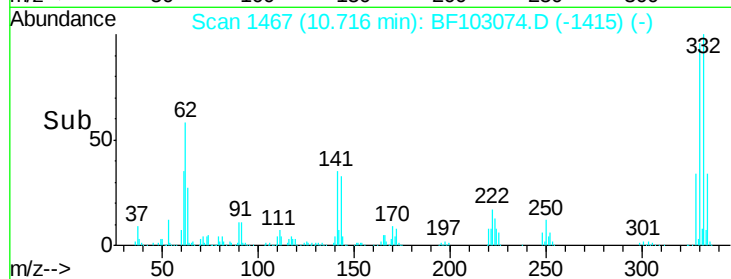
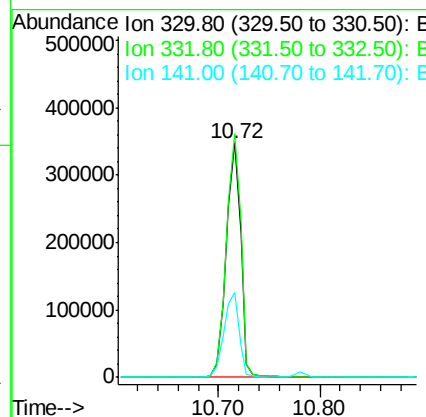
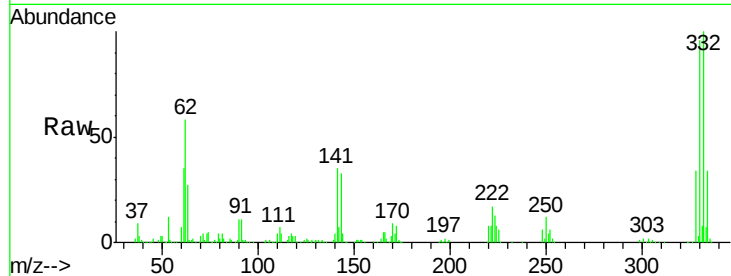




#41
 2,4,6-Tribromophenol
 Concen: 130.285 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

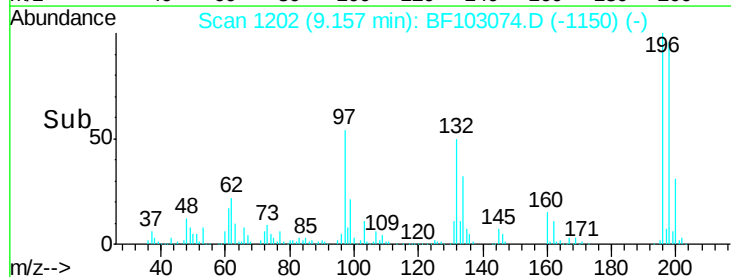
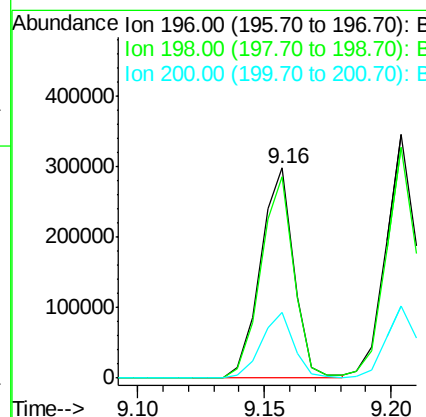
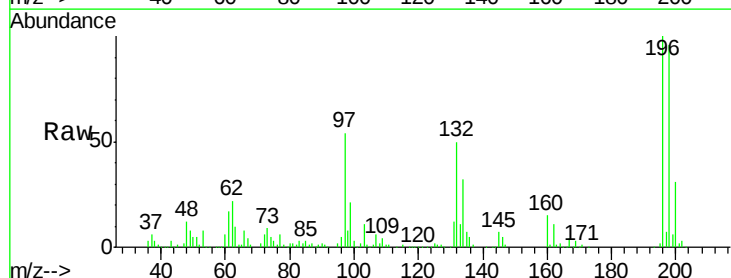
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	104.3	77.0	115.6
141	37.7	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 46.284 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.7	113.5
200	31.1	24.5	36.7

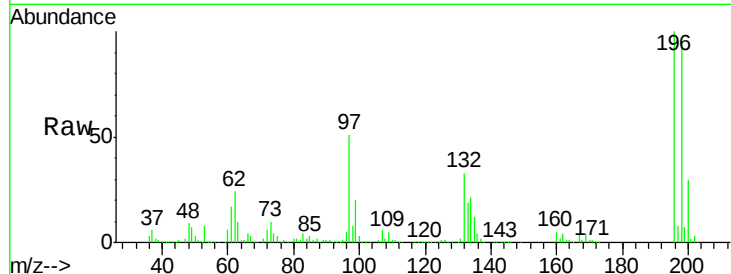




#43
 2,4,5-Trichlorophenol
 Concen: 43.650 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.6	112.0
97	51.3	42.9	64.3
132	32.9	26.3	39.5



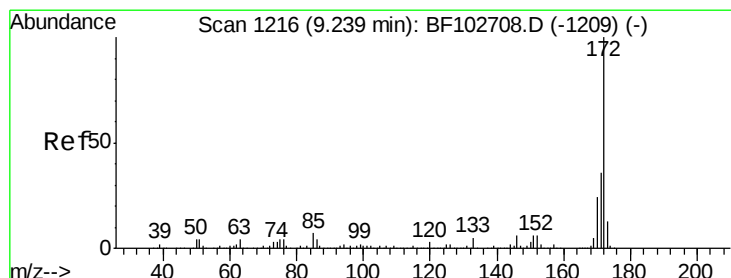
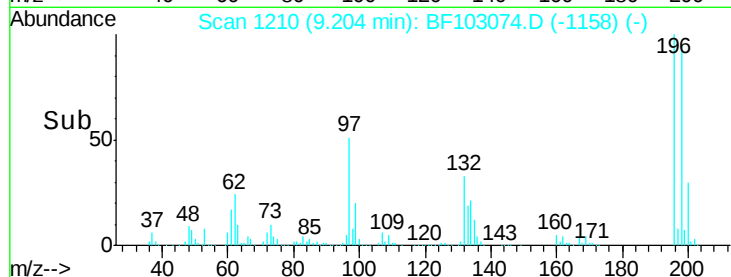
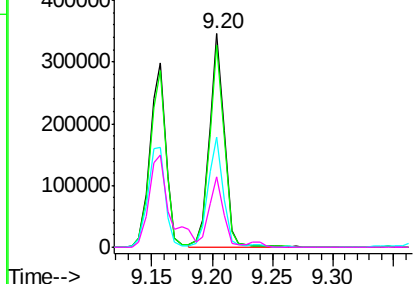
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

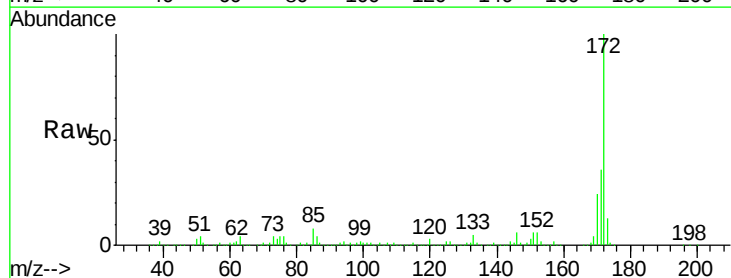
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.185 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4

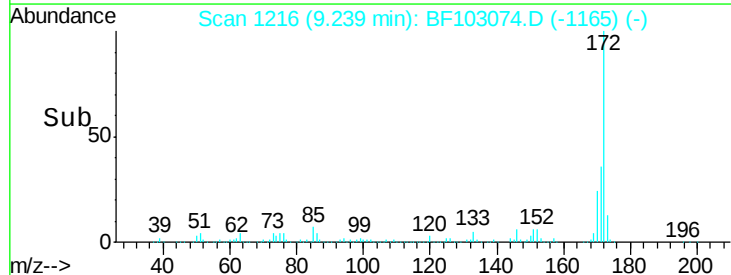
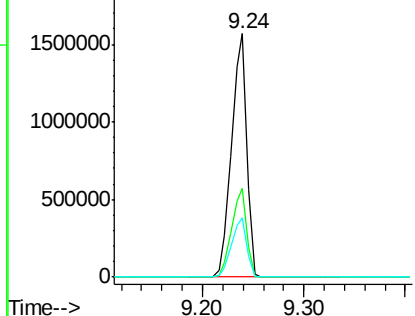


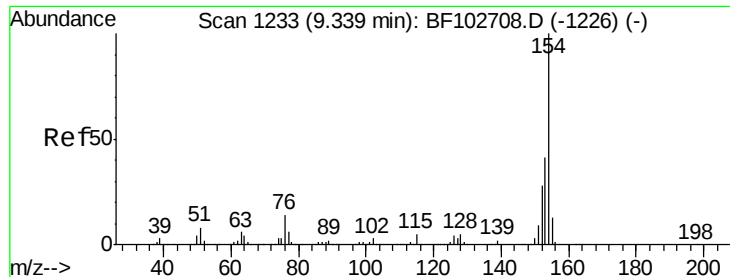
Abundance

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



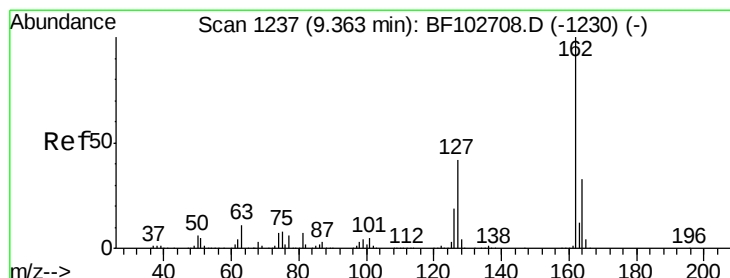
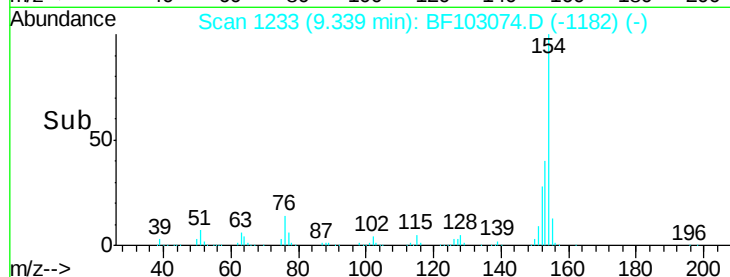
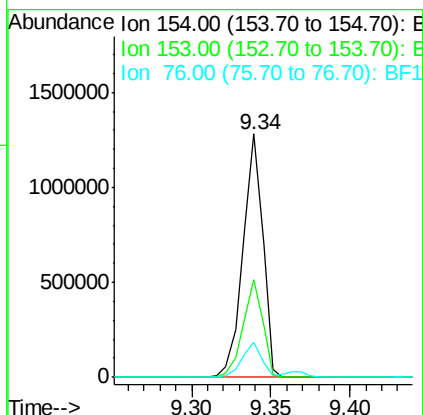
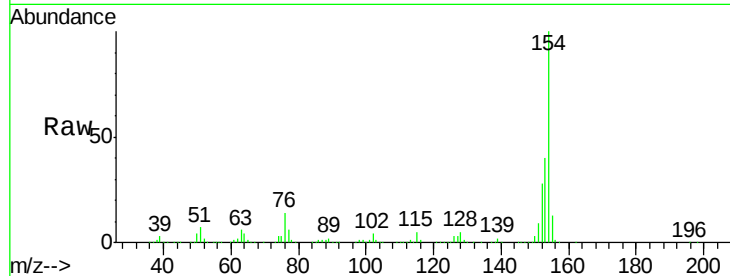


#45
 1,1'-Biphenyl
 Concen: 39.562 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1106798

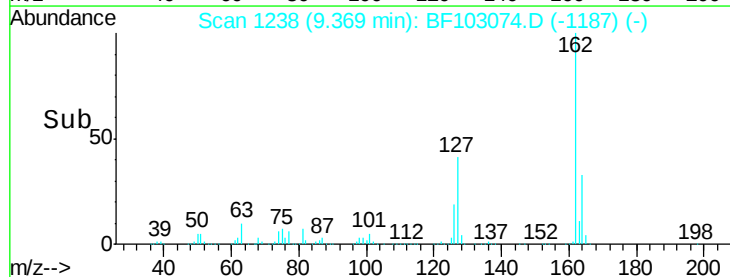
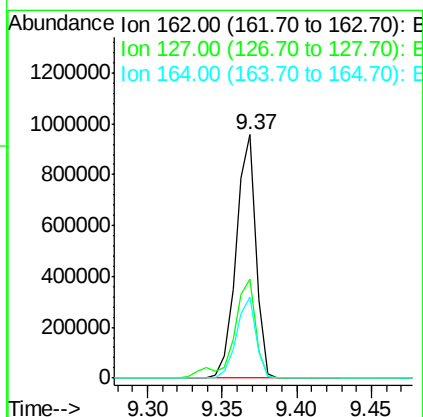
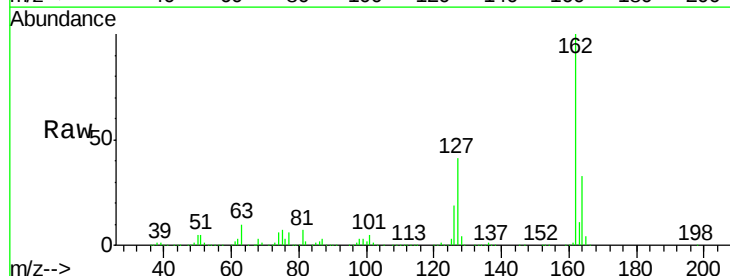
Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.3	61.3
76	14.1	0.0	34.0

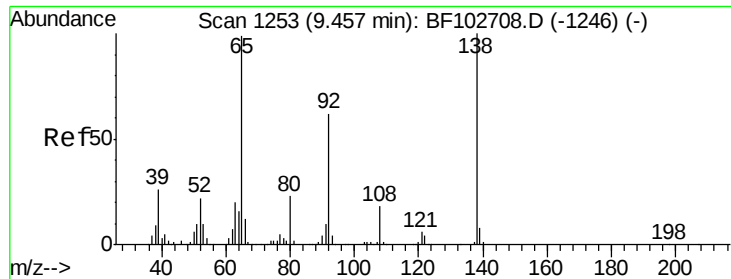


#46
 2-Chloronaphthalene
 Concen: 40.502 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion:162 Resp: 892052

Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.9	50.9
164	33.2	26.5	39.7

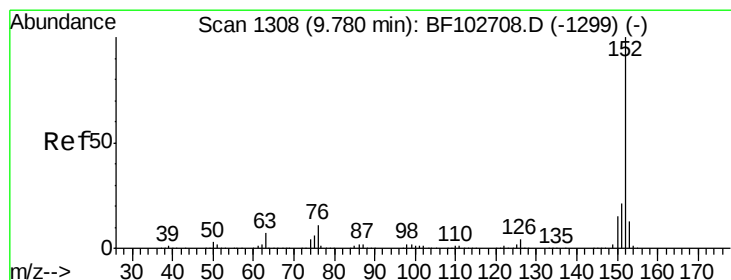
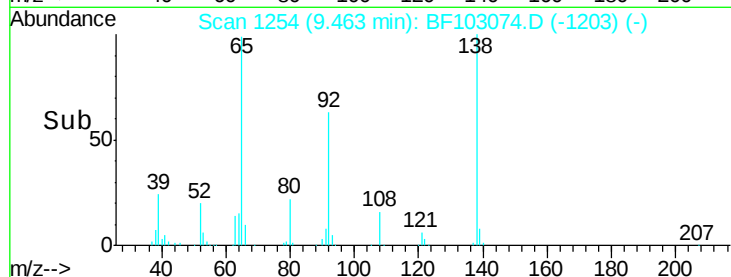
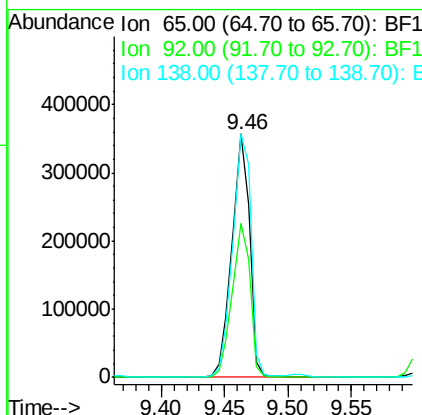
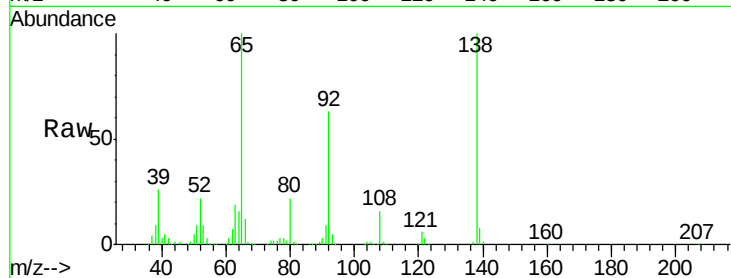




#47
2-Nitroaniline
Concen: 50.283 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

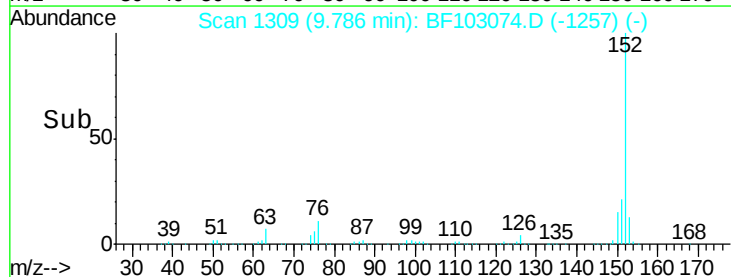
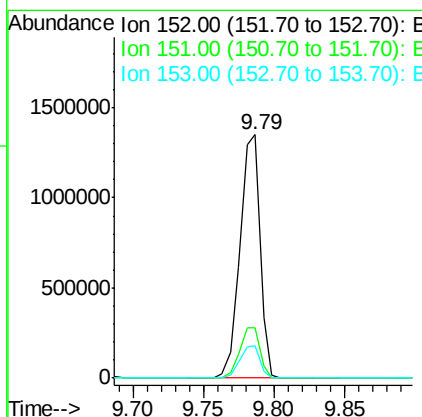
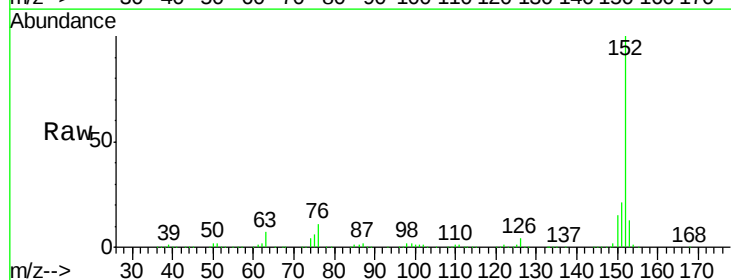
Instrument :
BNA_F
ClientSampleId :

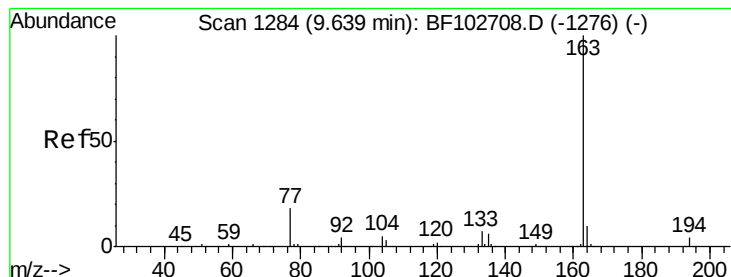
Tot Ion: 65 Resp: 342952
Ion Ratio Lower Upper
65 100
92 63.1 55.8 83.6
138 100.1 91.2 136.8



#48
Acenaphthylene
Concen: 39.195 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion: 152 Resp: 1340828
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 42.710 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

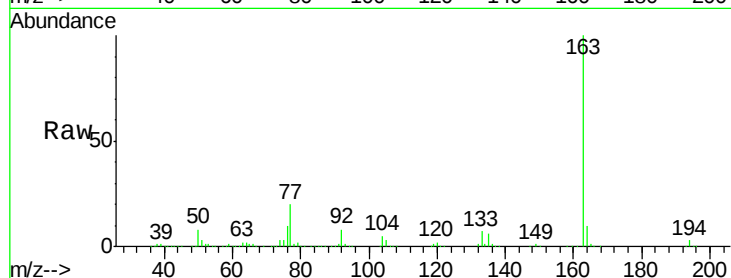
Tot Ion:163 Resp: 1106149

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

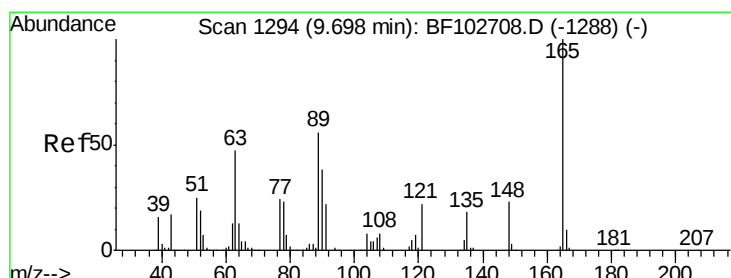
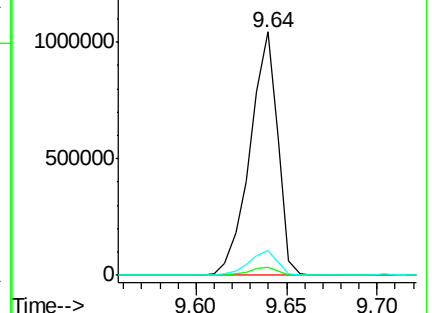
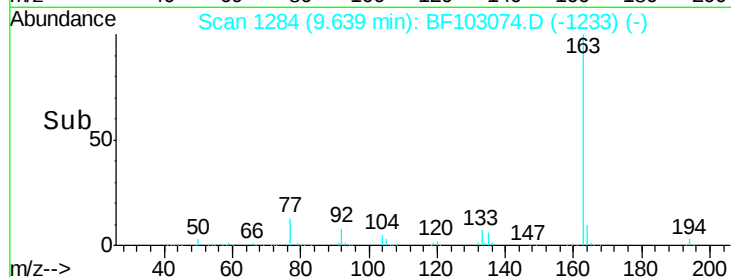
164 10.1 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 50.414 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

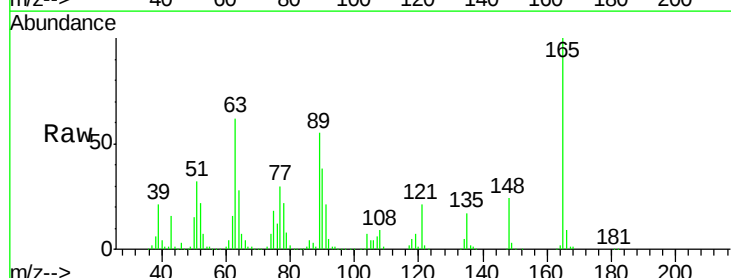
Tgt Ion:165 Resp: 248407

Ion Ratio Lower Upper

165 100

63 62.1 44.7 67.1

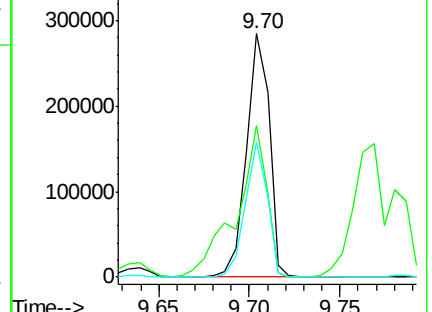
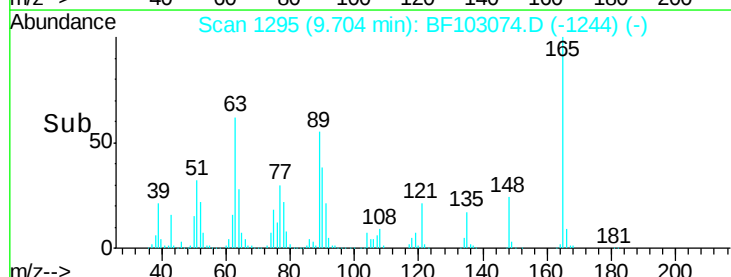
89 55.5 44.0 66.0

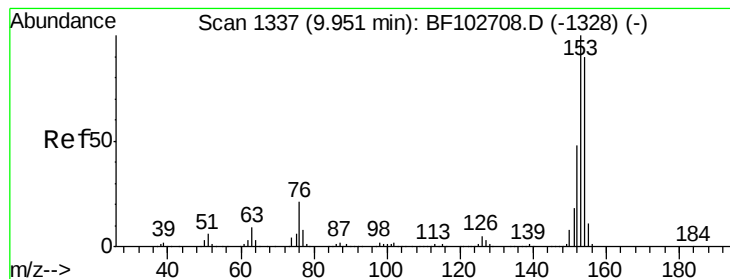


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 38.468 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

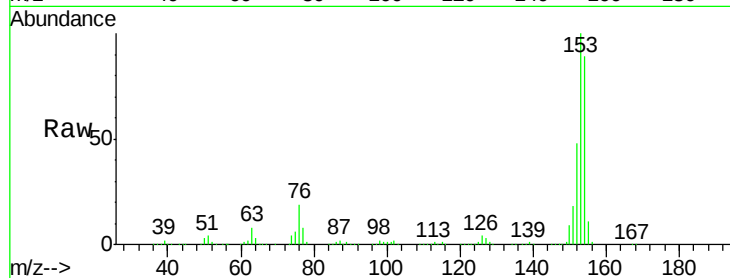
Tot Ion:154 Resp: 786981

Ion Ratio Lower Upper

154 100

153 112.8 91.2 136.8

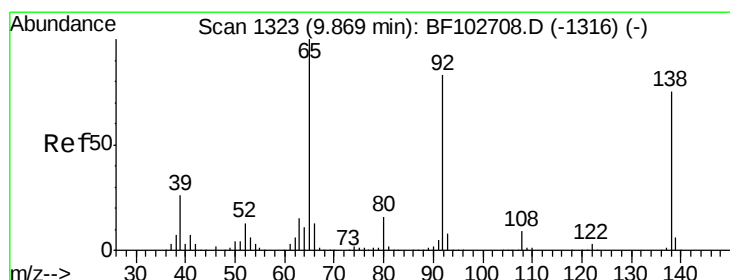
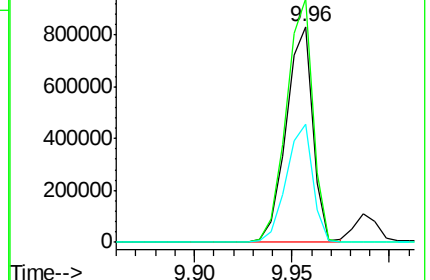
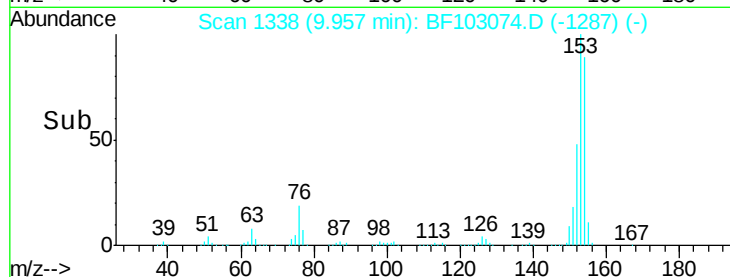
152 54.6 43.8 65.8



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



#52

3-Nitroaniline

Concen: 31.978 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

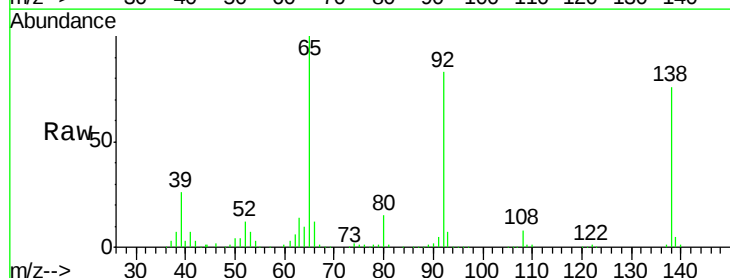
Tgt Ion:138 Resp: 193876

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

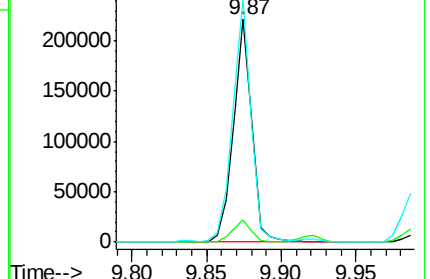
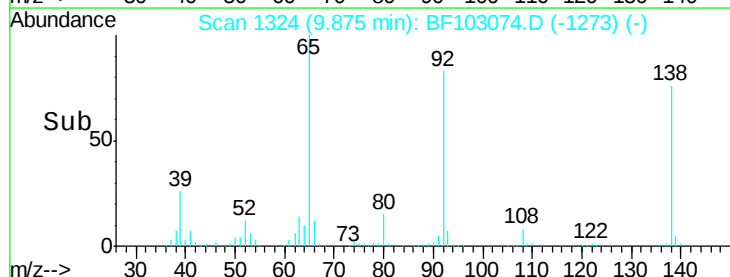
92 109.4 89.4 134.2

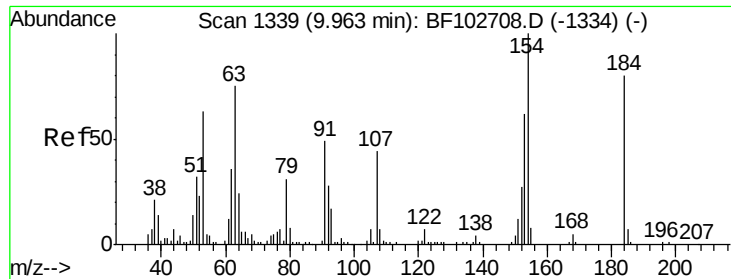


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

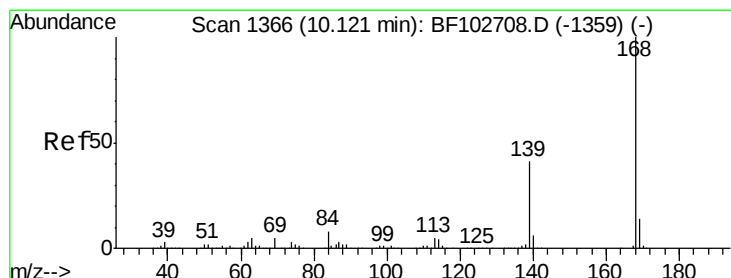
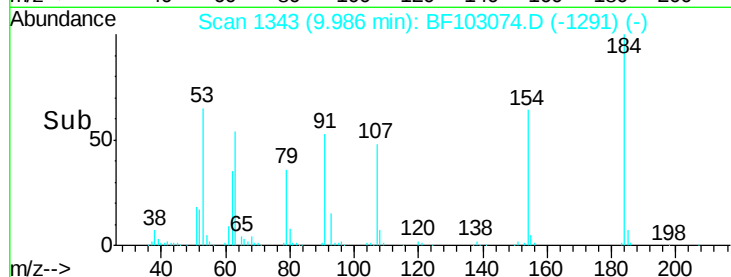
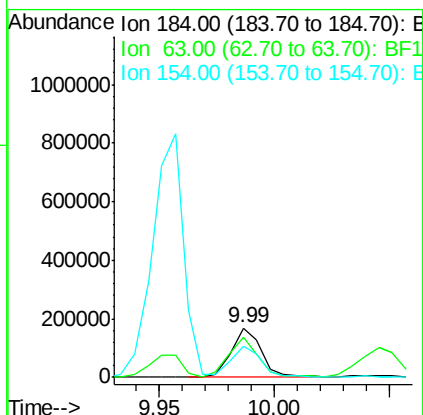
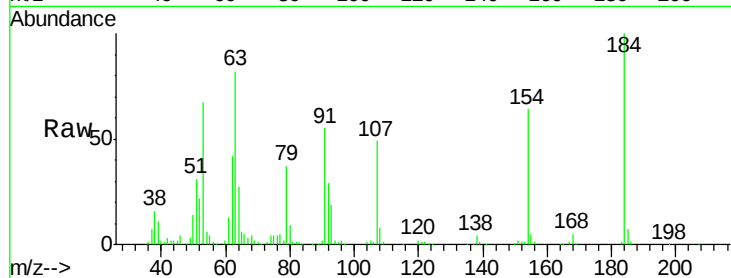




#53
 2,4-Dinitrophenol
 Concen: 88.118 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

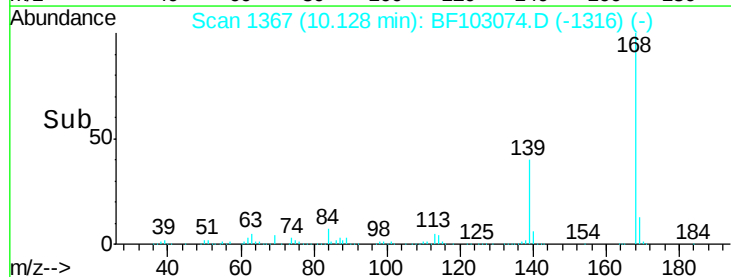
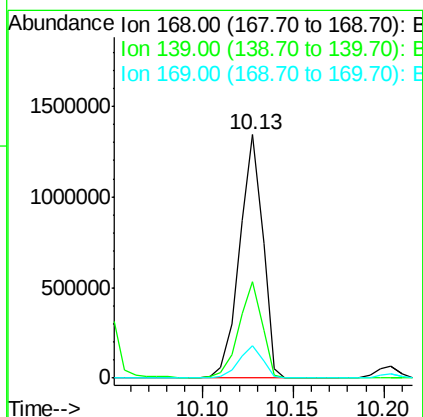
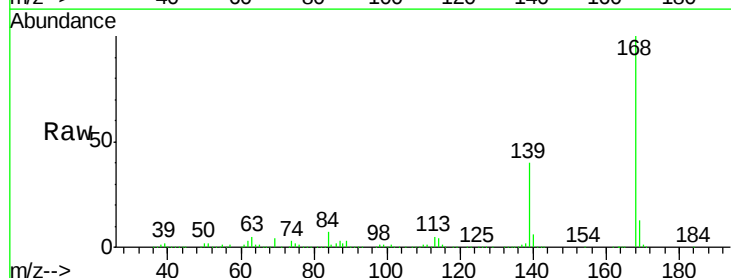
Instrument :
 BNA_F
 ClientSampled :

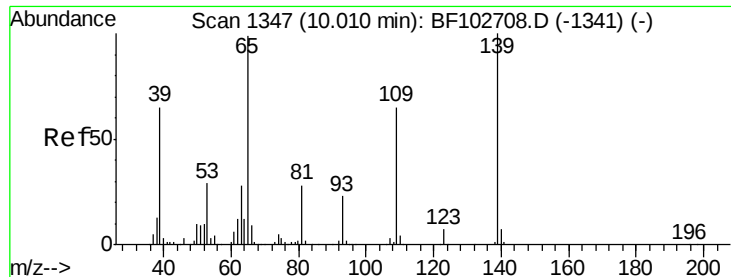
Tot Ion:184 Resp: 156548
 Ion Ratio Lower Upper
 184 100
 63 82.1 54.2 81.2#
 154 64.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 41.421 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion:168 Resp: 1194205
 Ion Ratio Lower Upper
 168 100
 139 39.8 30.1 45.1
 169 13.3 10.9 16.3

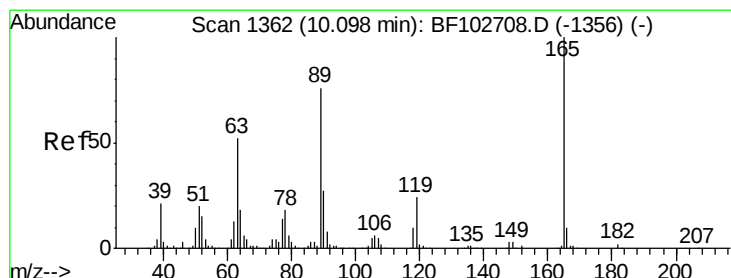
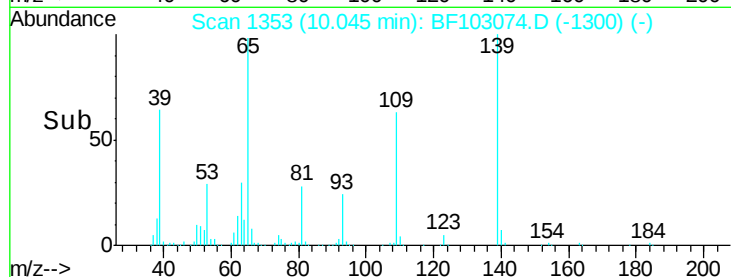
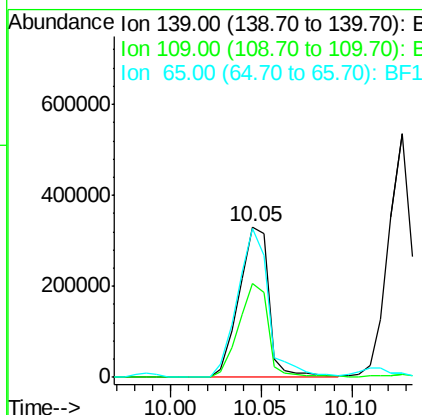
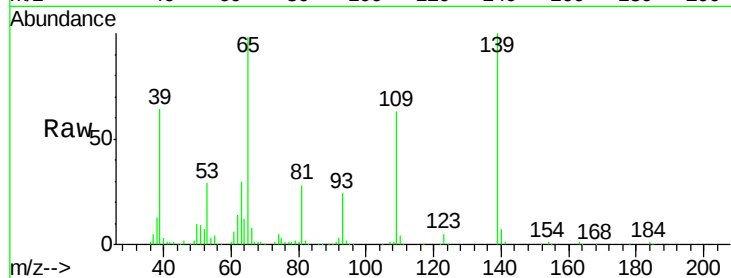




#55
4-Nitrophenol
Concen: 76.438 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

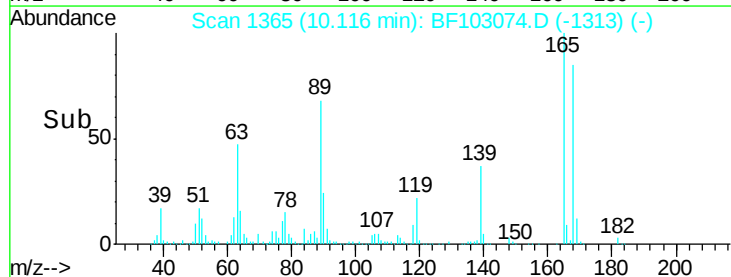
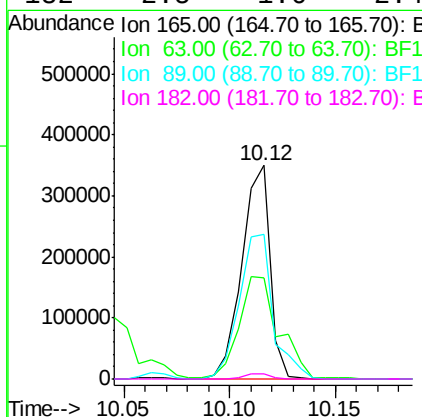
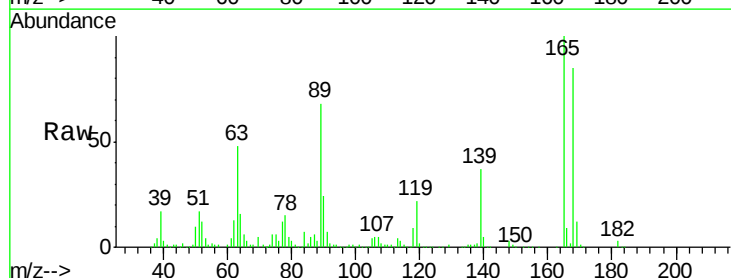
Instrument :
BNA_F
ClientSampleId :

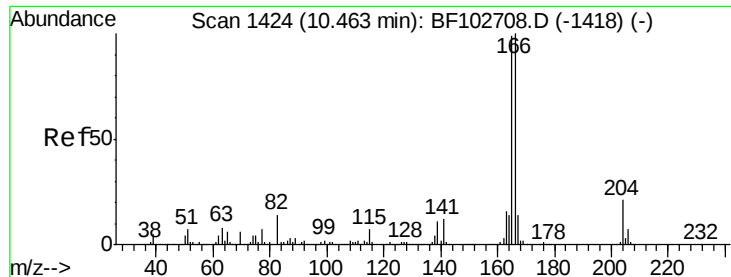
Tot Ion:139 Resp: 379899
Ion Ratio Lower Upper
139 100
109 62.6 48.4 88.4
65 98.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 49.032 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion:165 Resp: 324483
Ion Ratio Lower Upper
165 100
63 47.5 36.4 54.6
89 67.6 57.8 86.6
182 2.5 1.6 2.4#

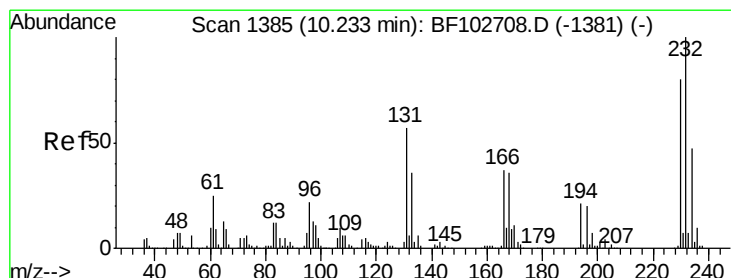
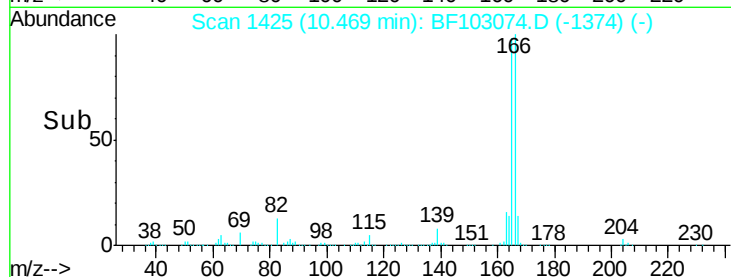
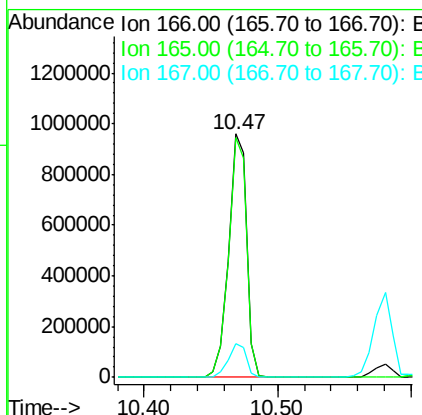
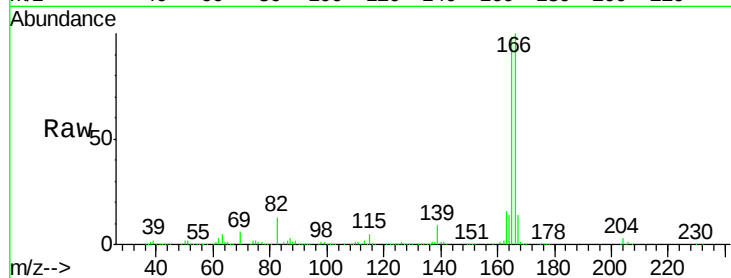




#57
 Fluorene
 Concen: 43.579 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

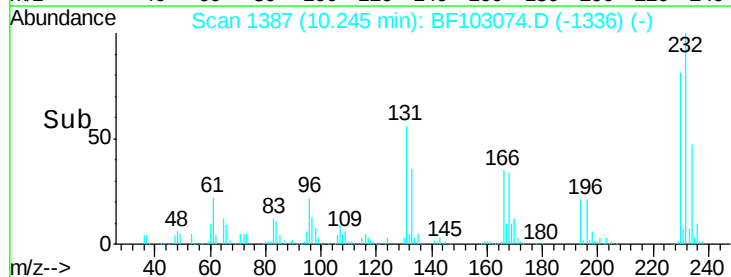
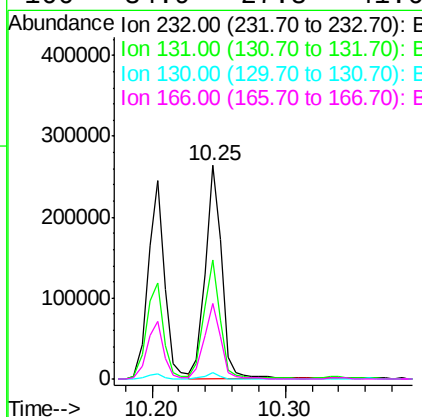
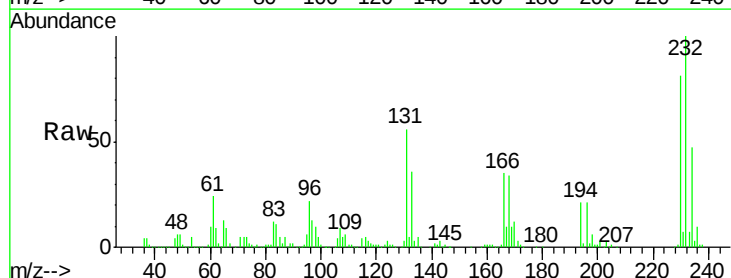
Instrument :
 BNA_F
 ClientSampleId :

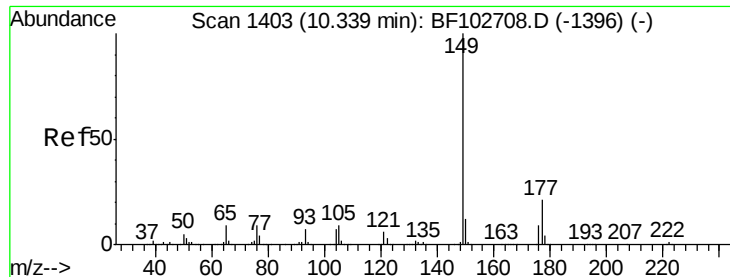
Tot Ion:166 Resp: 914128
 Ion Ratio Lower Upper
 166 100
 165 98.3 79.8 119.8
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.477 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion:232 Resp: 224956
 Ion Ratio Lower Upper
 232 100
 131 55.5 43.8 65.8
 130 2.5 2.1 3.1
 166 34.9 27.8 41.6

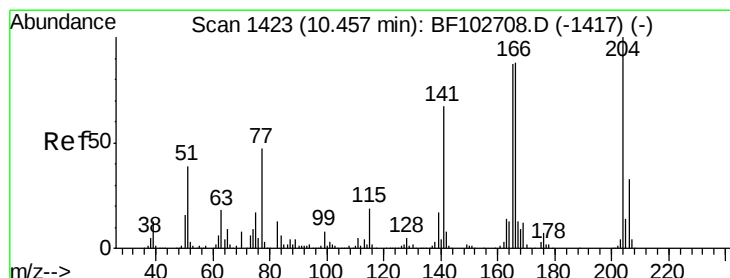
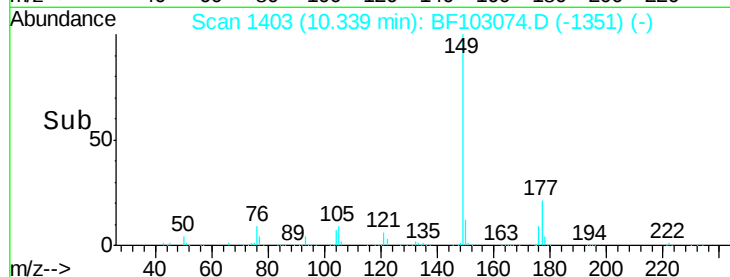
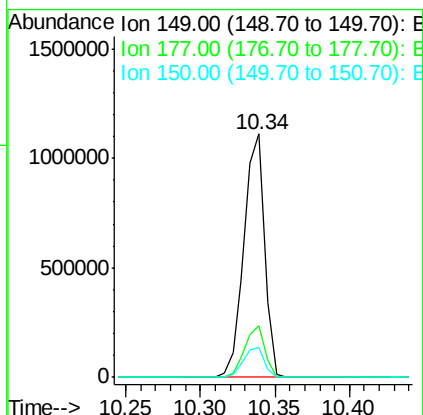
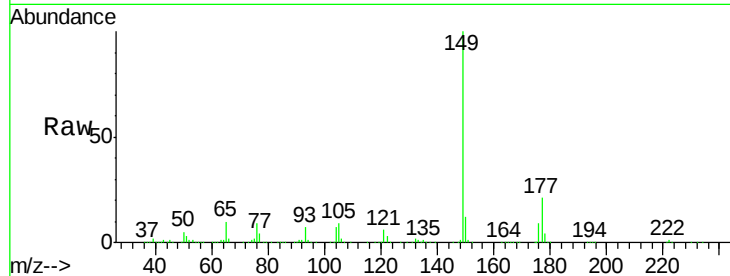




#59
Diethylphthalate
Concen: 41.788 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

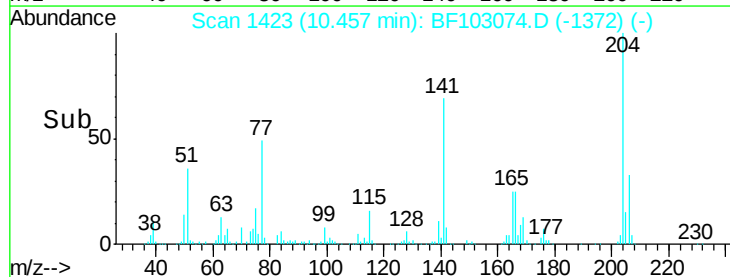
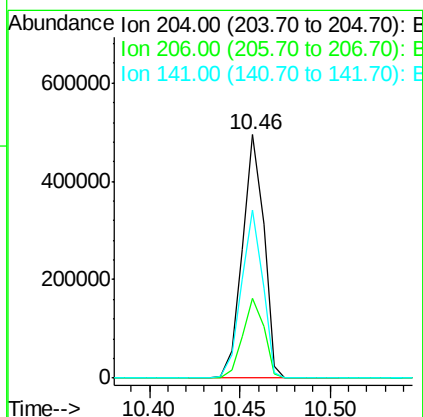
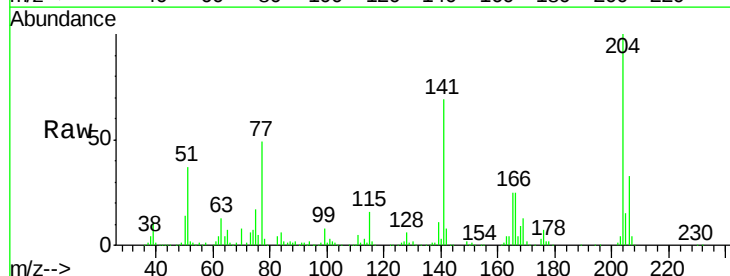
Instrument :
BNA_F
ClientSampled :

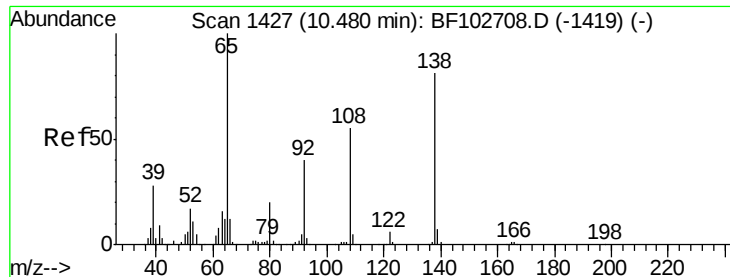
Tot Ion:149 Resp: 1068629
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.015 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion:204 Resp: 408428
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 69.0 54.6 81.8

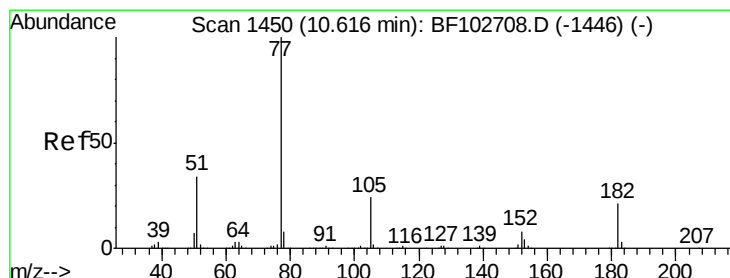
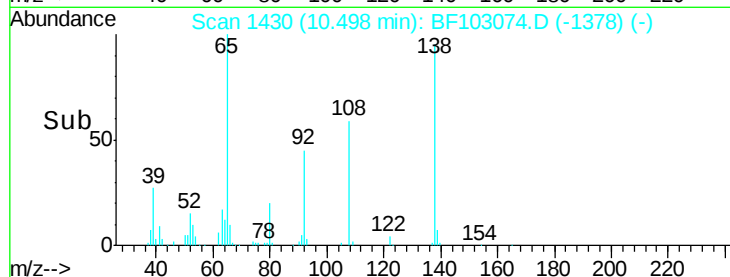
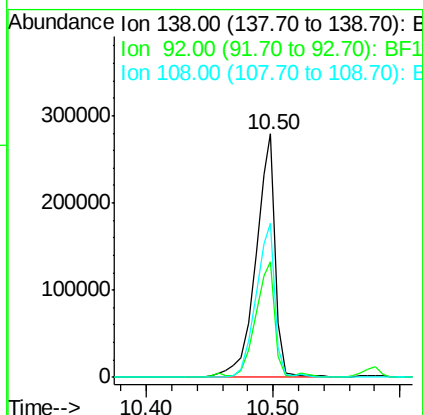
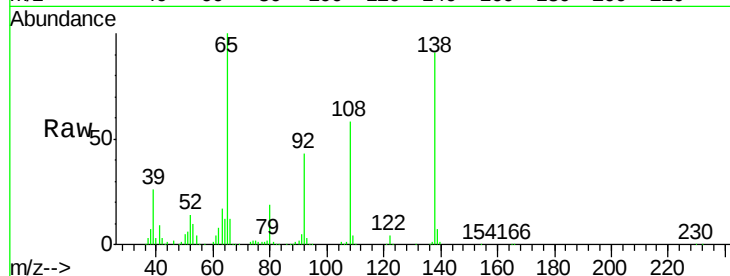




#61
4-Nitroaniline
Concen: 51.670 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

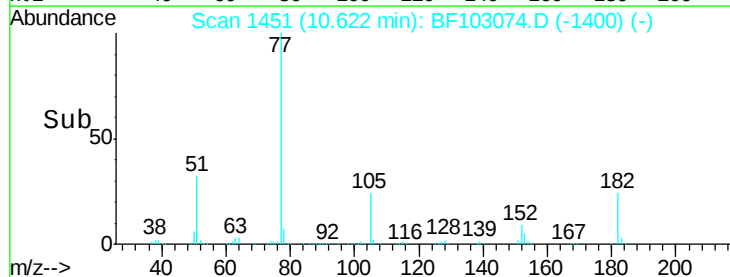
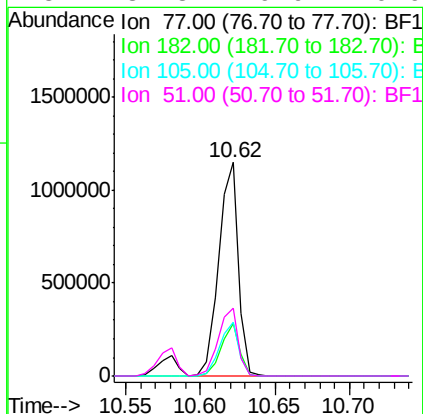
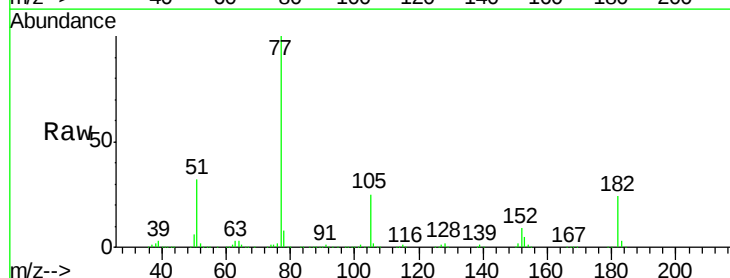
Instrument :
BNA_F
ClientSampleId :

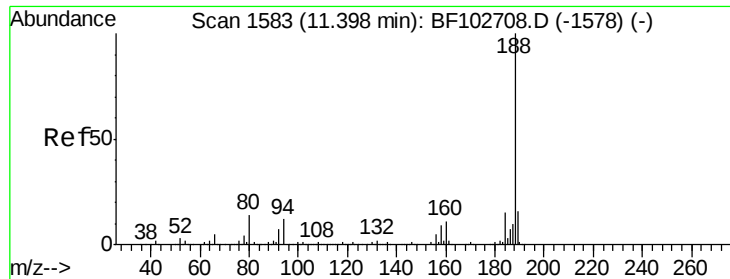
Tot Ion:138 Resp: 298181
Ion Ratio Lower Upper
138 100
92 47.3 30.2 70.2
108 63.2 52.5 92.5



#62
Azobenzene
Concen: 41.439 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion: 77 Resp: 1058655
Ion Ratio Lower Upper
77 100
182 24.4 1.7 41.7
105 25.0 3.0 43.0
51 31.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

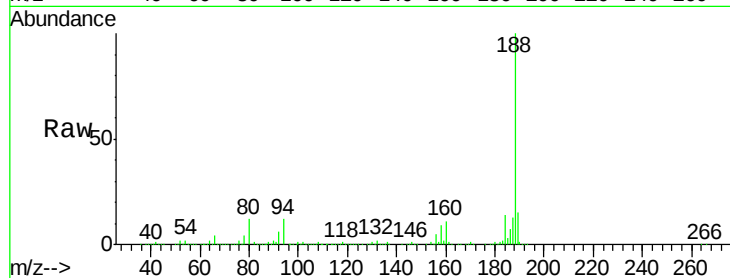
Tot Ion:188 Resp: 587390

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

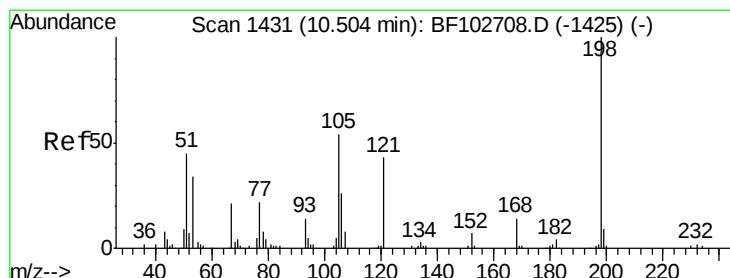
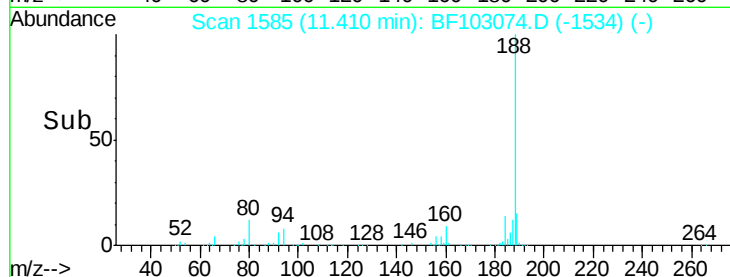
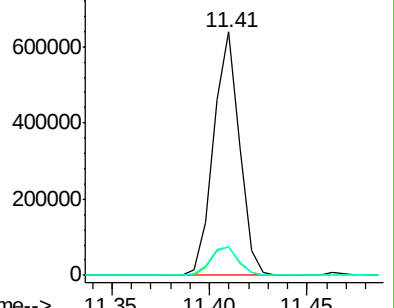
80 11.8 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 51.183 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

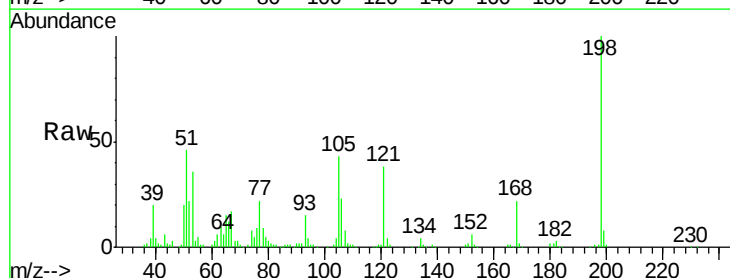
Tgt Ion:198 Resp: 128070

Ion Ratio Lower Upper

198 100

51 46.0 37.7 77.7

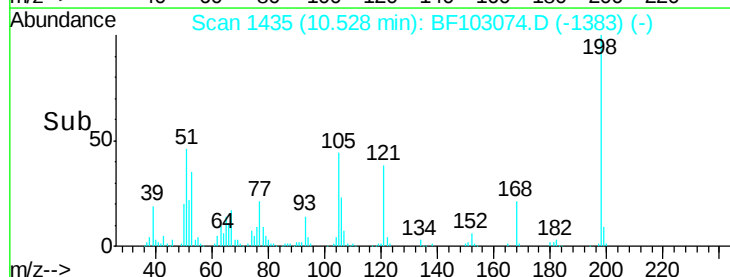
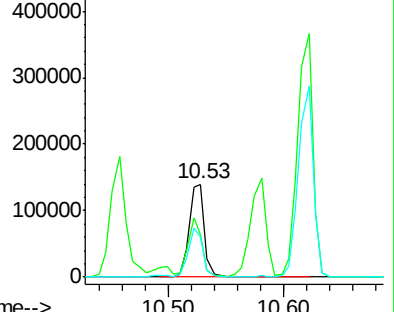
105 43.4 36.3 76.3

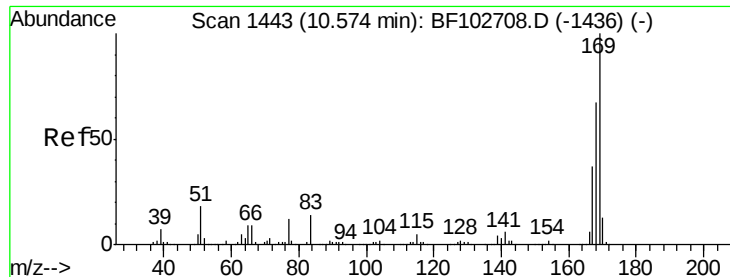


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.674 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

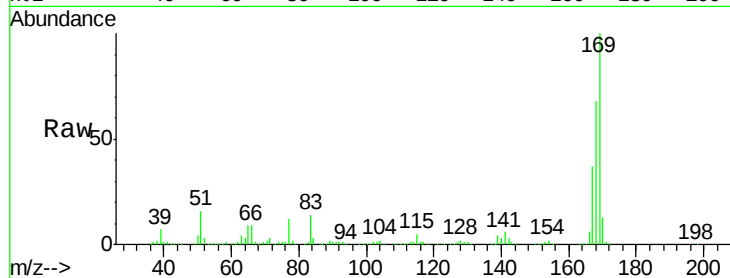
Tot Ion:169 Resp: 842717

Ion Ratio Lower Upper

169 100

168 67.7 54.4 81.6

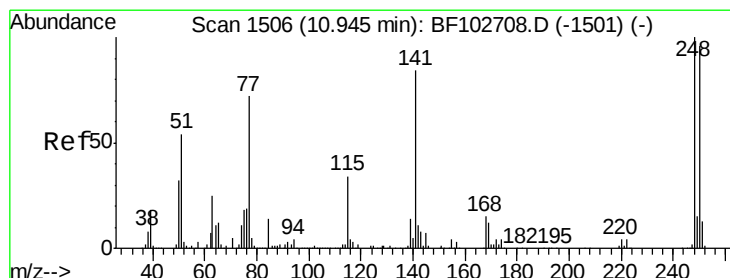
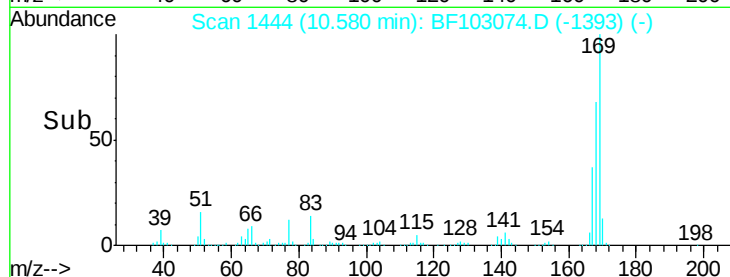
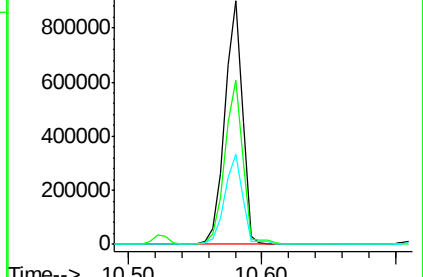
167 37.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.237 ng

RT: 10.95 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

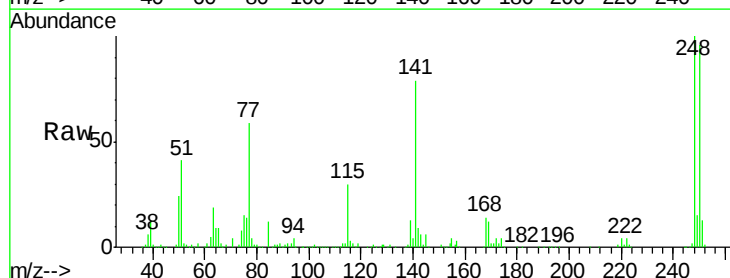
Tgt Ion:248 Resp: 262442

Ion Ratio Lower Upper

248 100

250 96.4 76.9 115.3

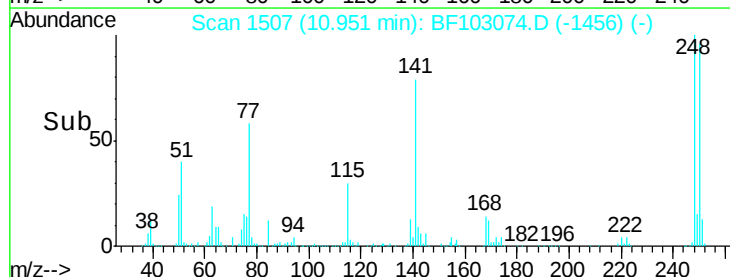
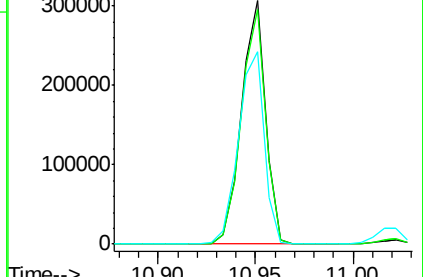
141 78.8 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

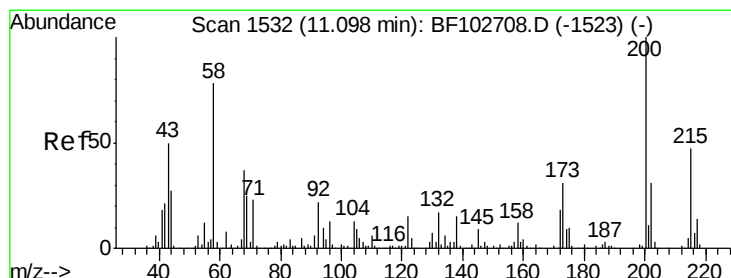
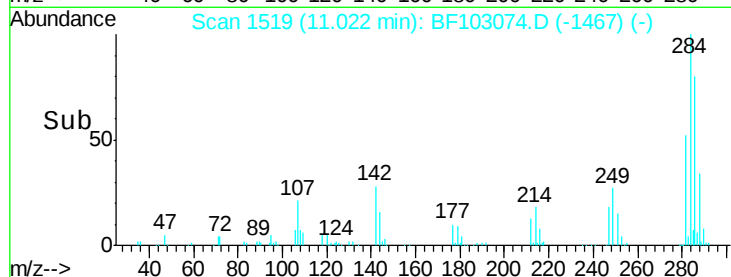
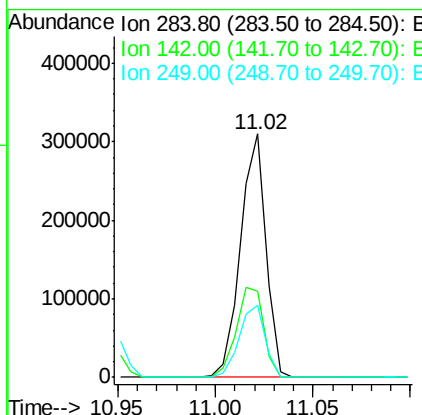
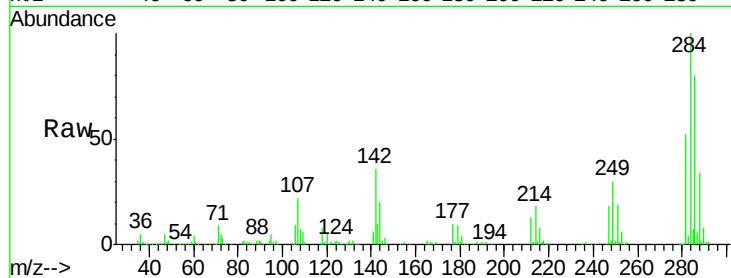




#67
Hexachlorobenzene
Concen: 40.739 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

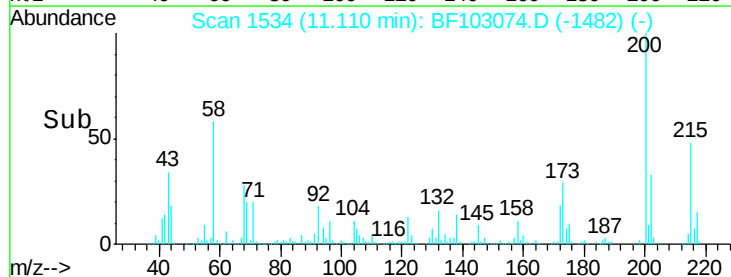
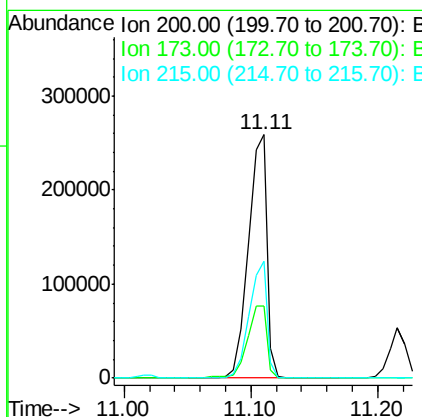
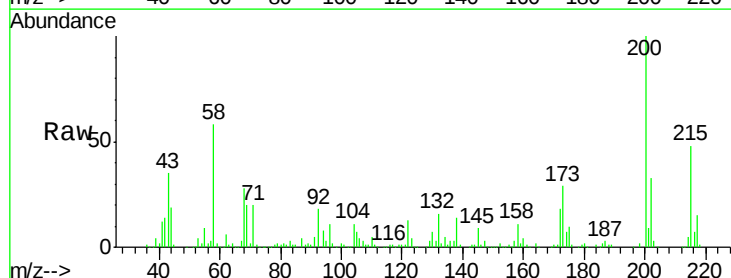
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.6	34.6	52.0
249	29.7	24.8	37.2



#68
Atrazine
Concen: 43.163 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.5	8.6	48.6
215	48.2	25.1	65.1

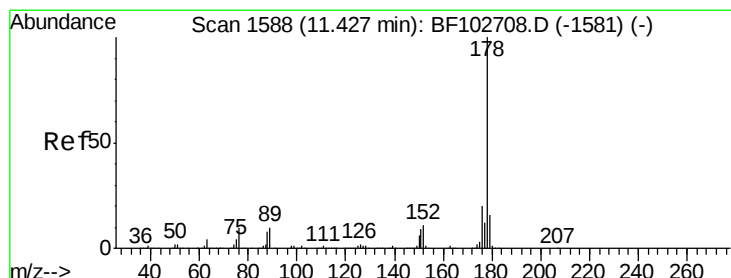
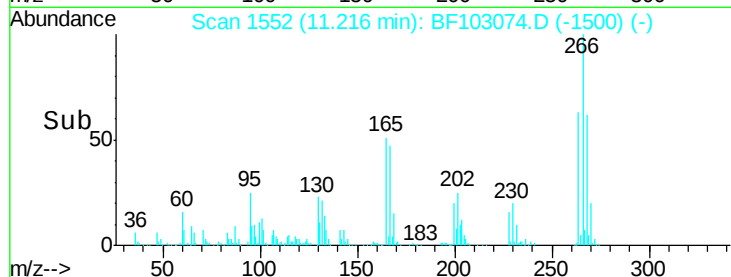
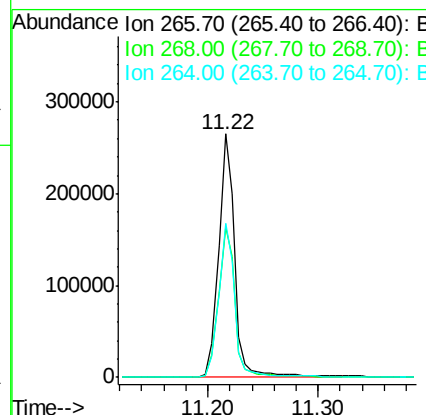
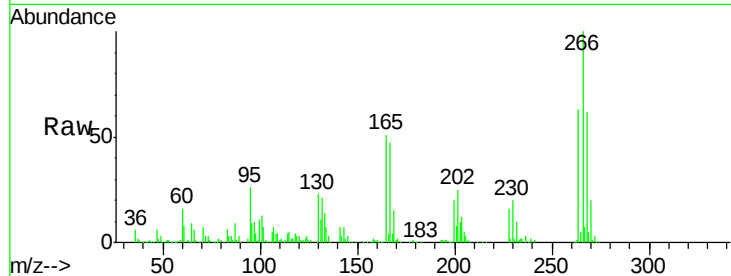




#69
 Pentachlorophenol
 Concen: 66.361 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

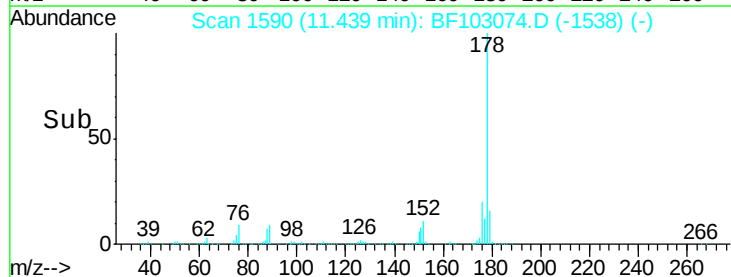
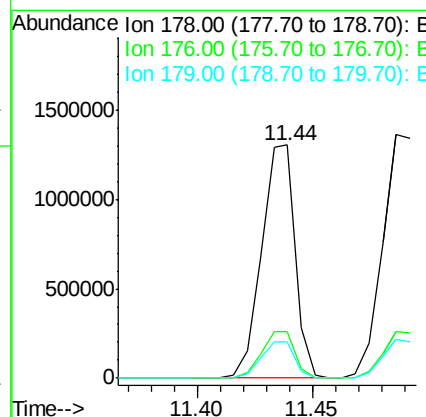
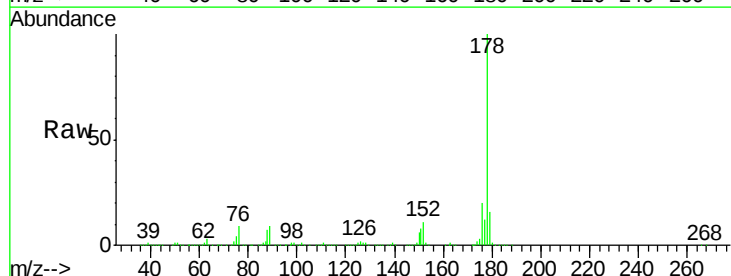
Instrument :
 BNA_F
 ClientSampleId :

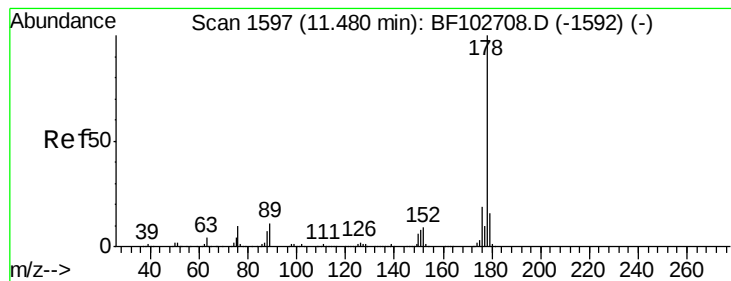
Tot Ion:266 Resp: 267022
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.1 76.7
 264 63.2 49.5 74.3



#70
 Phenanthrene
 Concen: 40.330 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion:178 Resp: 1319344
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.7 13.0 19.6





#71

Anthracene

Concen: 41.901 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

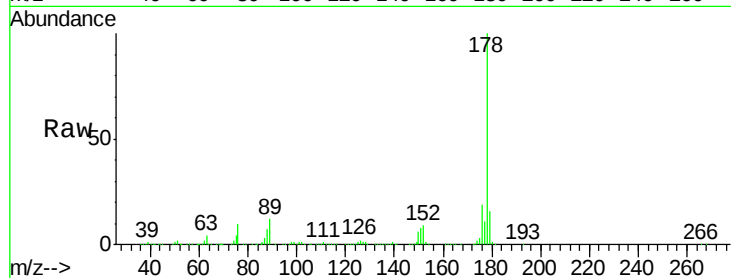
Tot Ion:178 Resp: 1394176

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

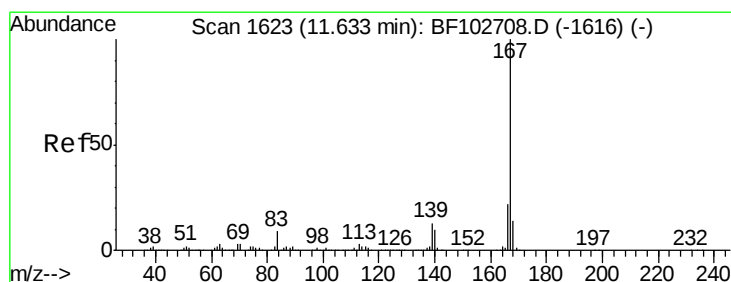
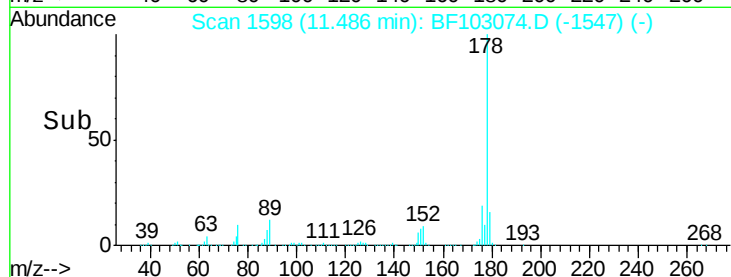
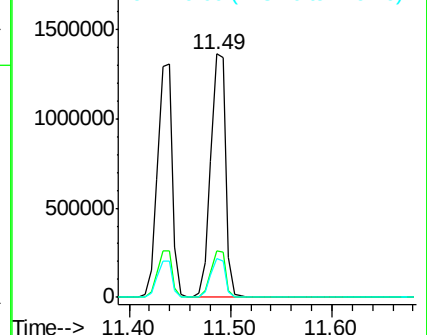
179 16.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.242 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

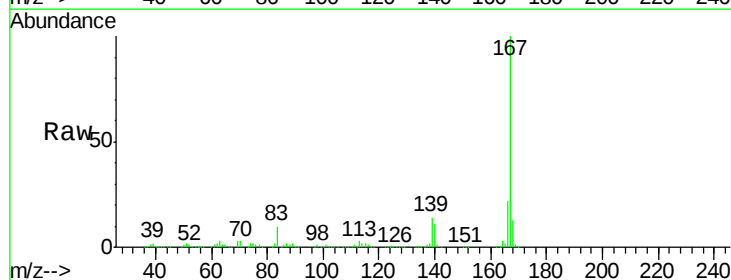
Tgt Ion:167 Resp: 1344383

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

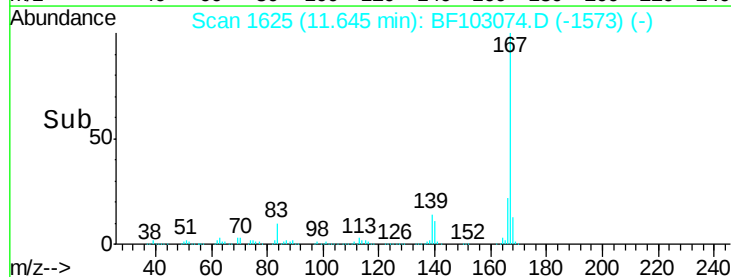
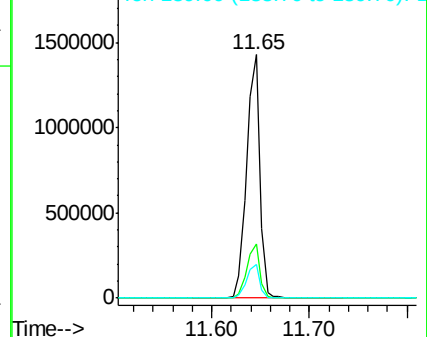
139 14.0 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 42.577 ng

RT: 11.96 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

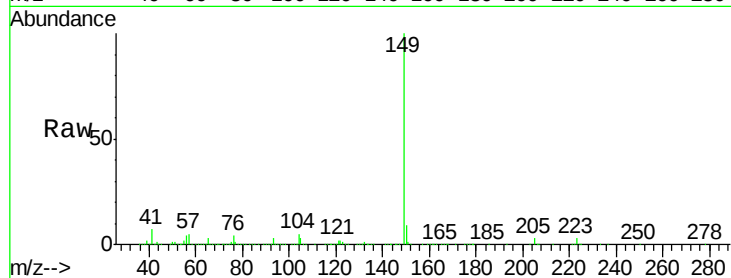
Tot Ion:149 Resp: 1685922

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

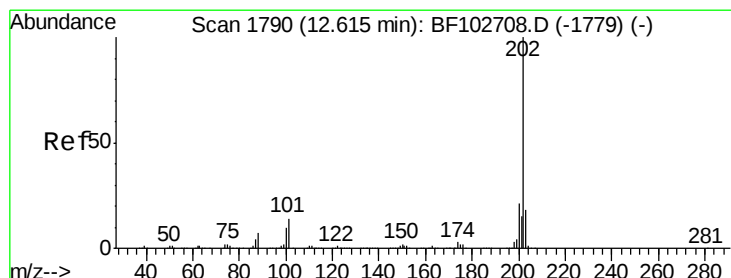
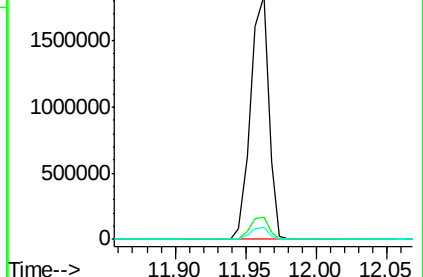
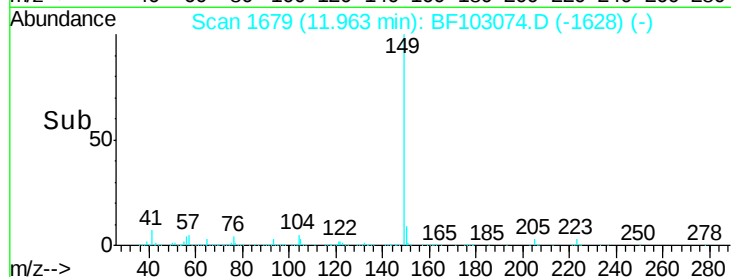
104 4.6 3.8 5.8



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



#74

Fluoranthene

Concen: 40.883 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

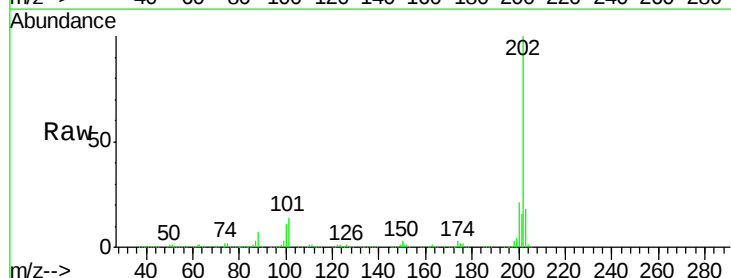
Tgt Ion:202 Resp: 1345619

Ion Ratio Lower Upper

202 100

101 14.2 0.0 34.1

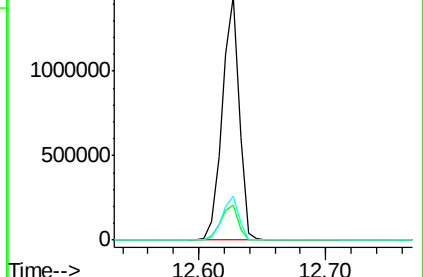
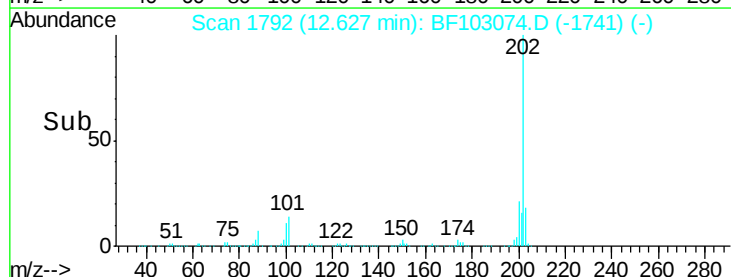
203 17.9 0.0 38.1

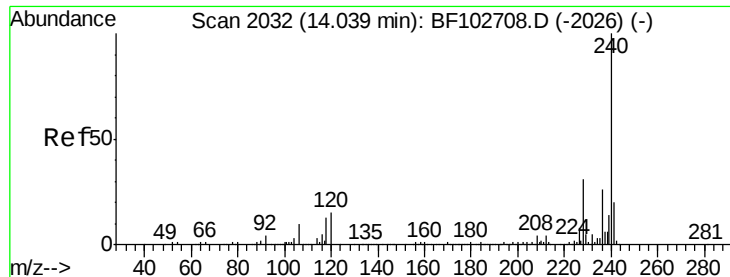


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

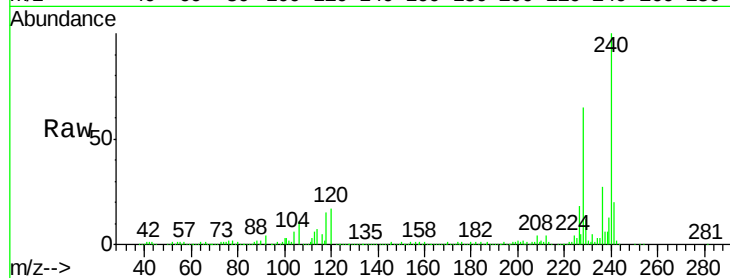
Tot Ion:240 Resp: 408402

Ion Ratio Lower Upper

240 100

120 16.5 9.5 14.3#

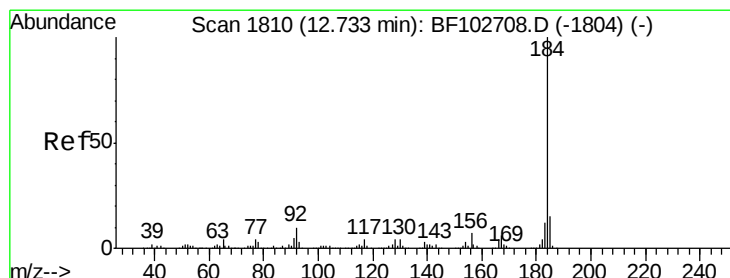
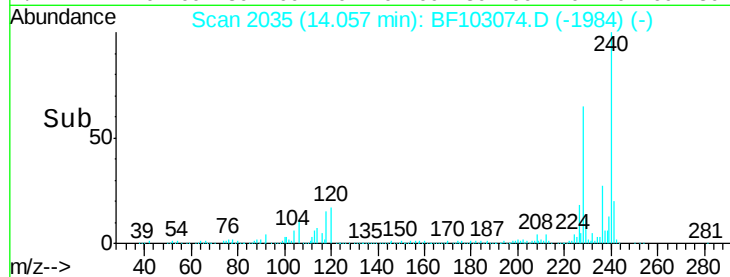
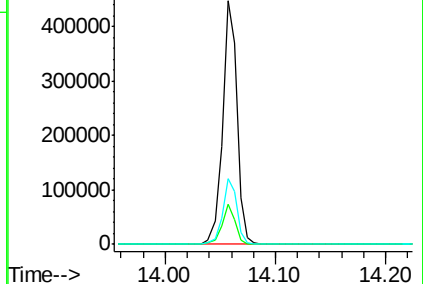
236 27.2 20.7 31.1



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



#76

Benzidine

Concen: 21.514 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

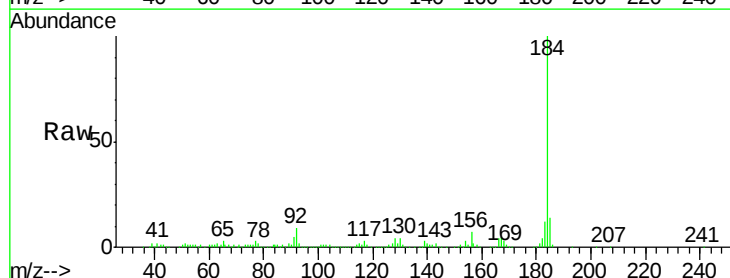
Tgt Ion:184 Resp: 403815

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

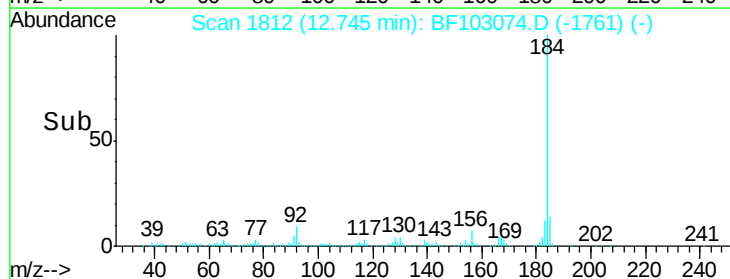
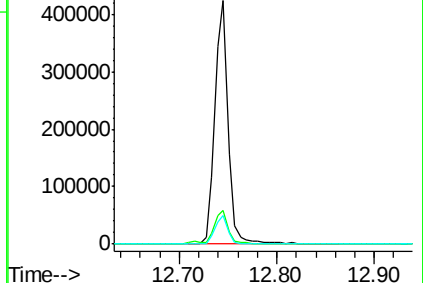
183 11.6 9.3 13.9



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

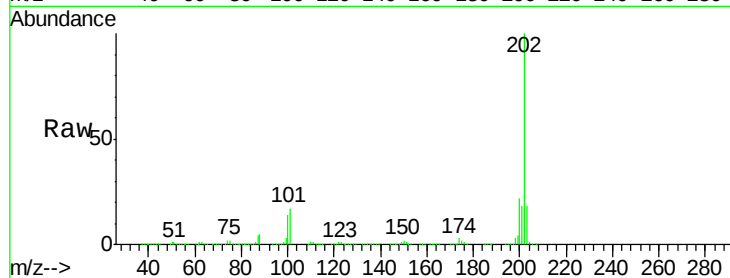




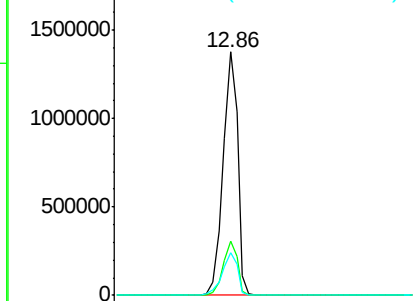
#77
Pvrene
Concen: 43.007 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Instrument :
BNA_F
ClientSampleId :

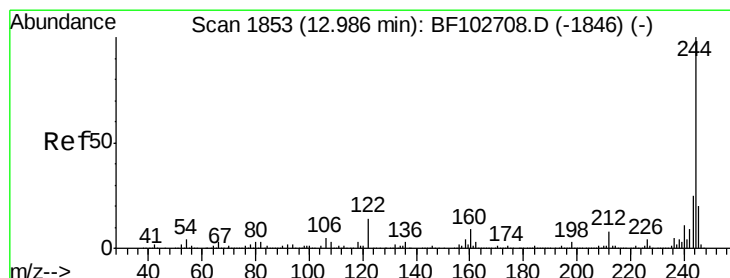
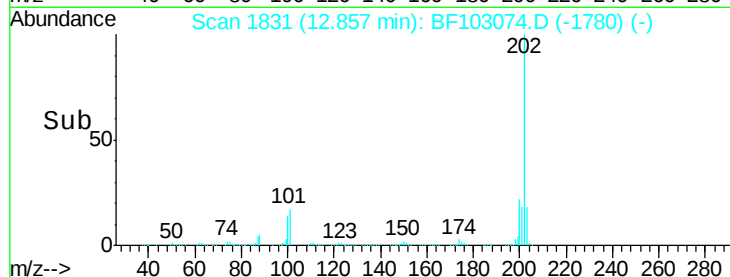
Tot Ion:202 Resp: 1377293
Ion Ratio Lower Upper
202 100
200 22.0 17.4 26.2
203 17.8 14.3 21.5



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

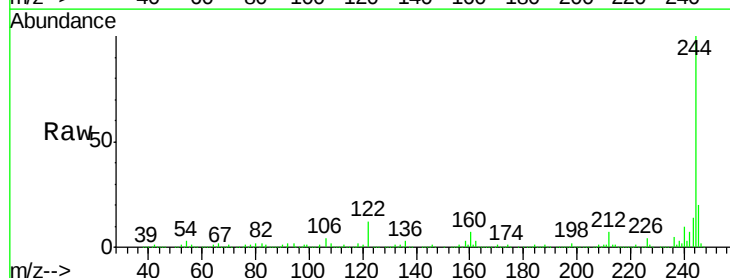


Time-->

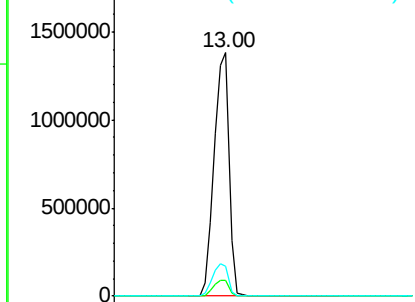


#78
Terphenyl-d14
Concen: 91.552 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

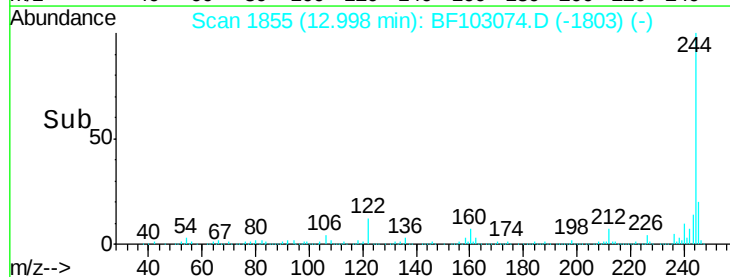
Tgt Ion:244 Resp: 1579122
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 12.4 11.0 16.4



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



Time-->

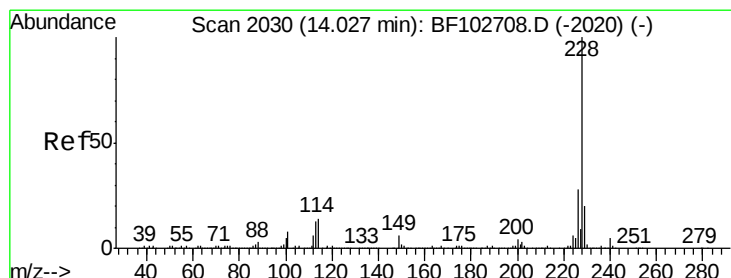
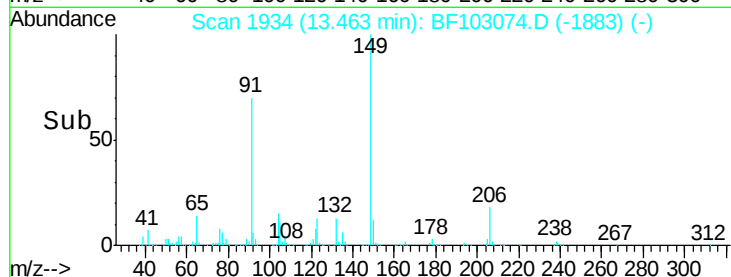
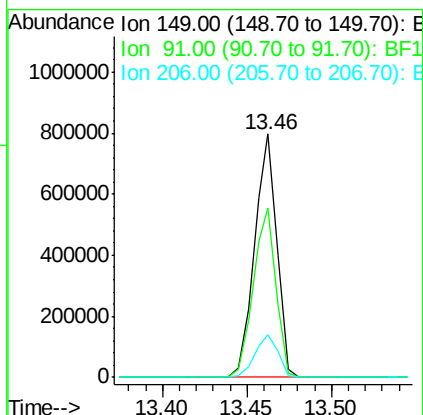
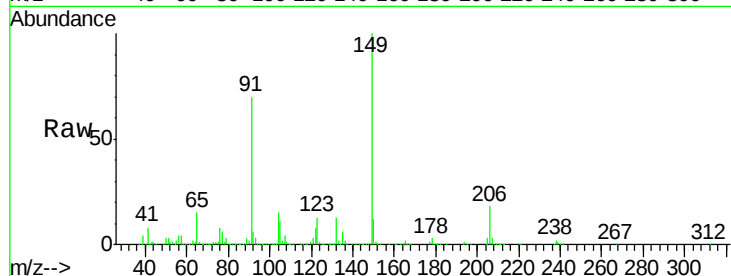




#79
Butylbenzylphthalate
Concen: 47.829 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

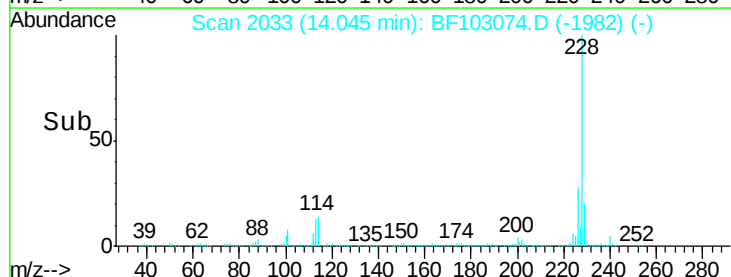
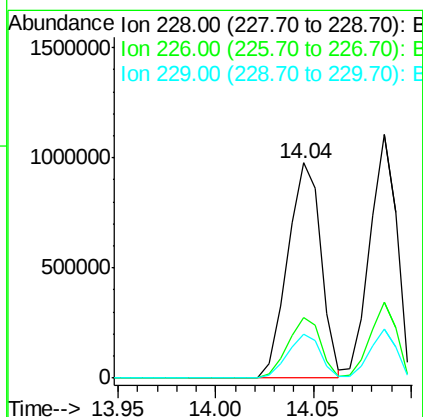
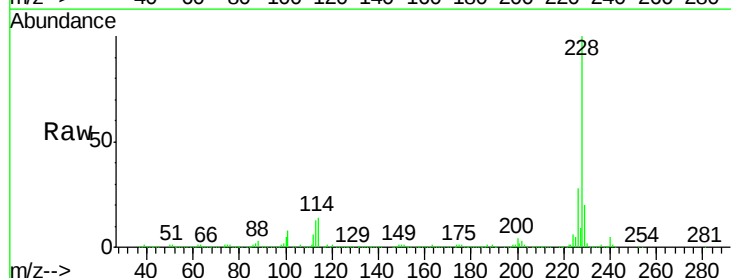
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 732628
Ion Ratio Lower Upper
149 100
91 69.7 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 44.911 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion:228 Resp: 1153520
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.4 15.8 23.6

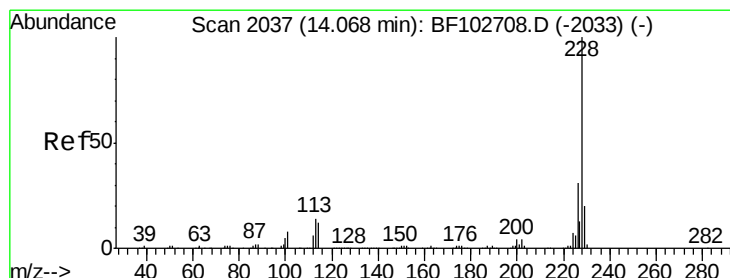
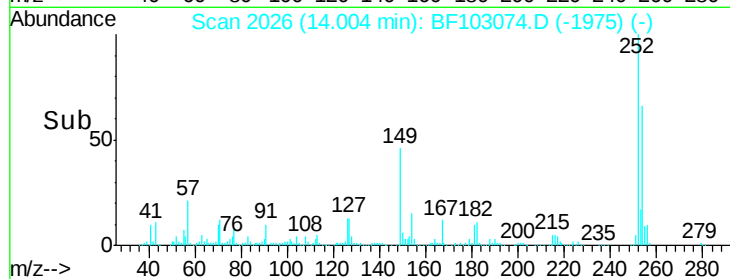
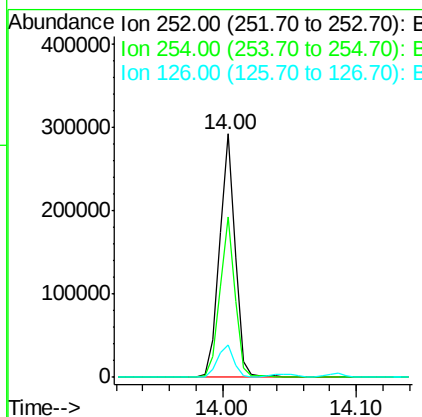
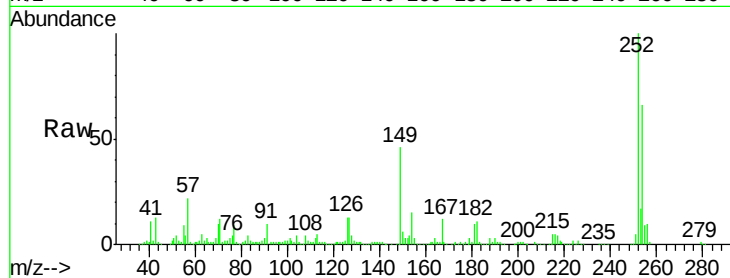




#81
 3,3'-Dichlorobenzidine
 Concen: 25.656 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

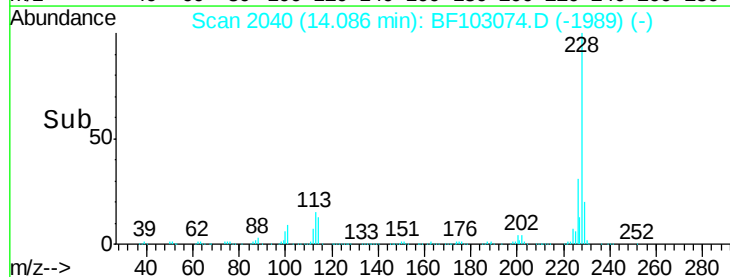
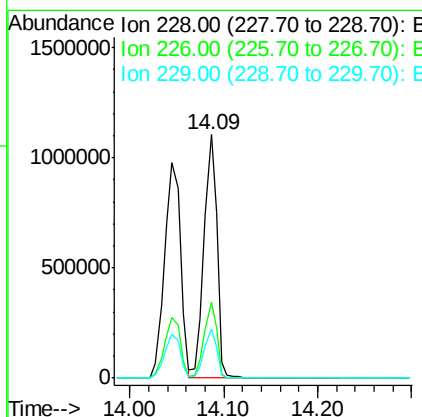
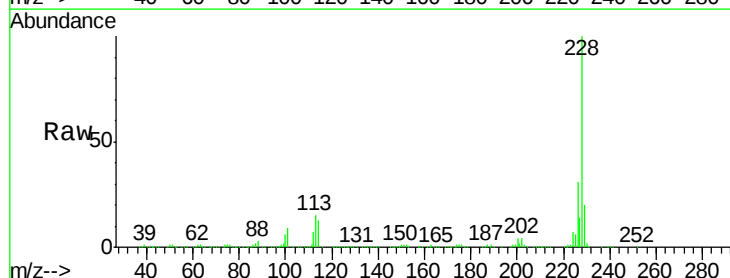
Instrument :
 BNA_F
 ClientSampleId :

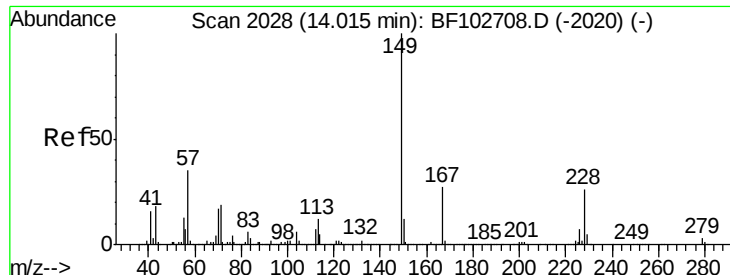
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.4	75.6
126	13.1	11.3	16.9



#82
 Chrysene
 Concen: 41.384 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF103074.D
 Acq: 19 Feb 2018 11:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.569 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

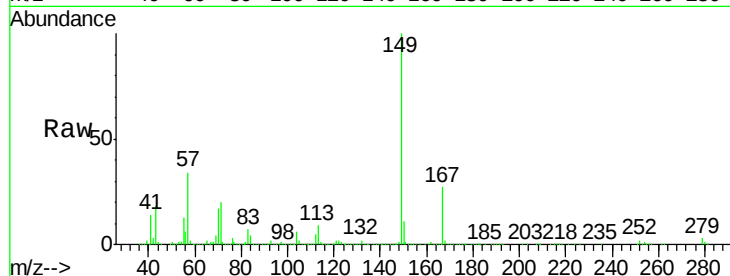
Tot Ion:149 Resp: 972447

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

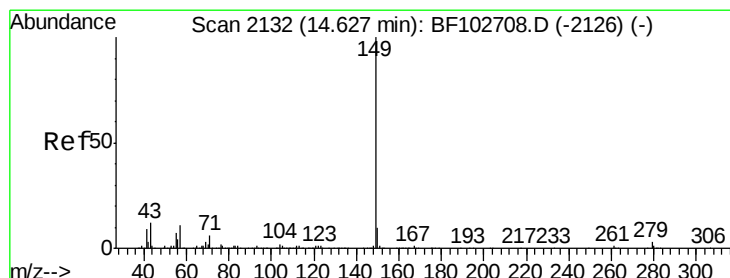
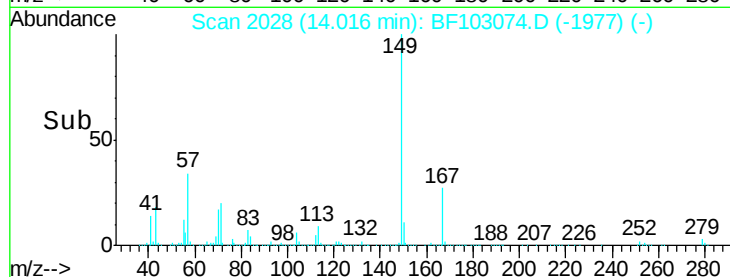
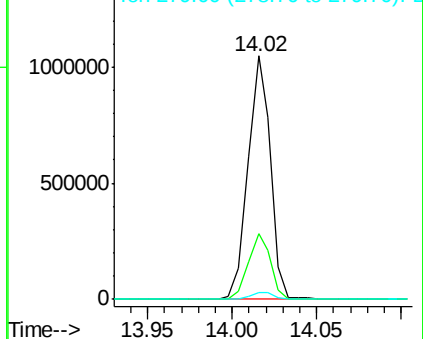
279 3.0 3.0 4.4



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



#84

Di-n-octyl phthalate

Concen: 52.117 ng

RT: 14.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

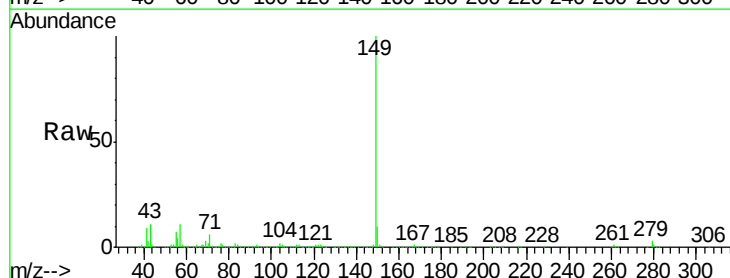
Tgt Ion:149 Resp: 1535214

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

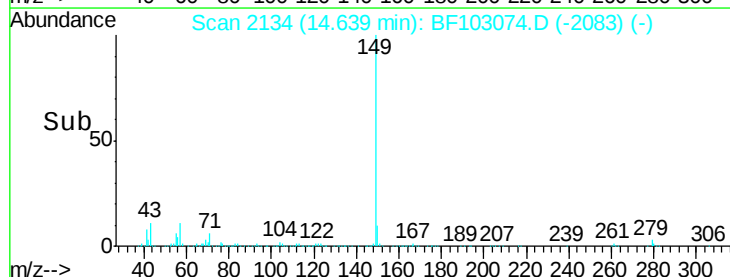
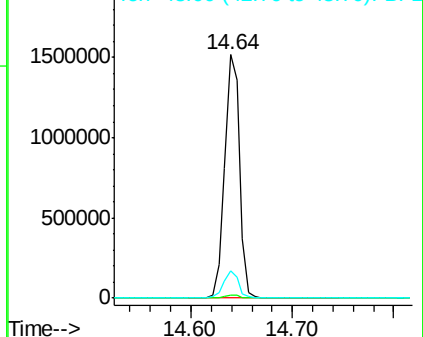
43 10.6 8.4 12.6

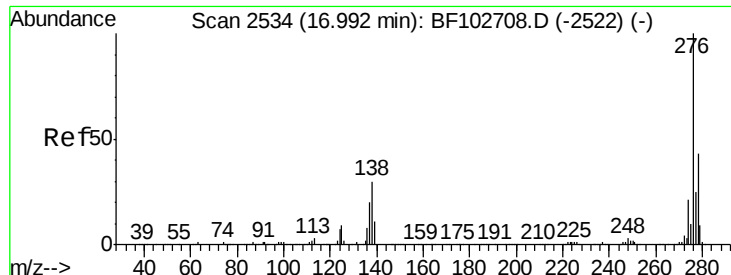


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

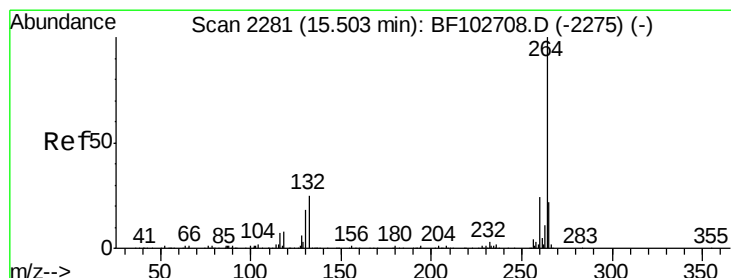
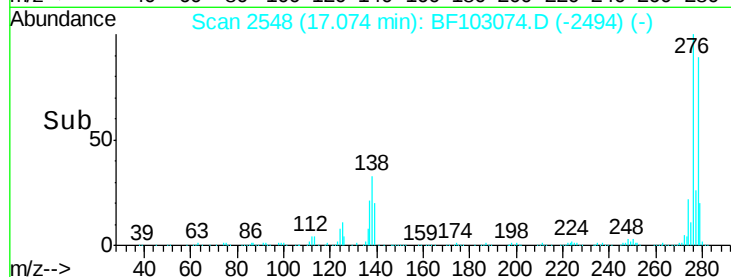
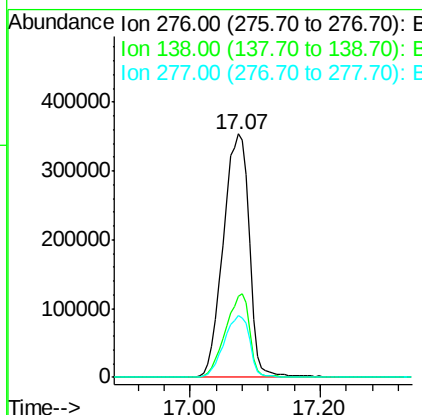
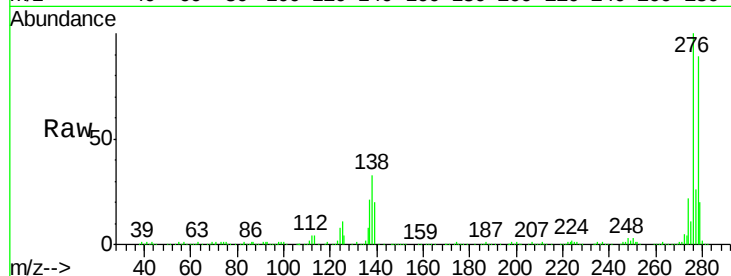




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.706 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.02 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

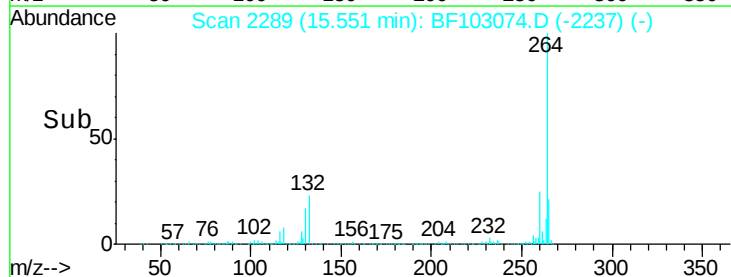
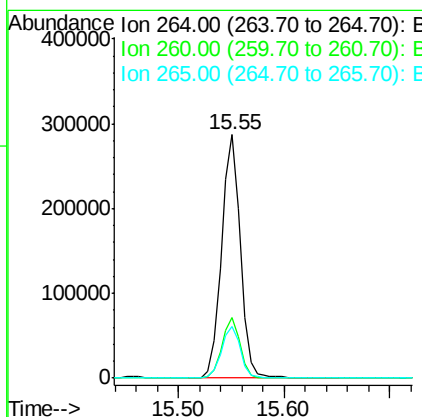
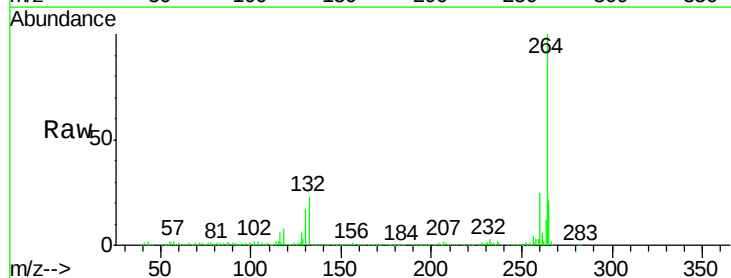
Instrument :
BNA_F
ClientSampleId :

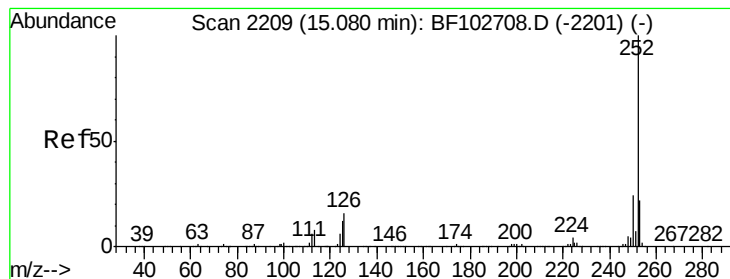
Tot Ion:276 Resp: 981486
Ion Ratio Lower Upper
276 100
138 32.0 25.0 37.6
277 25.2 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion:264 Resp: 357001
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.1 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 42.386 ng

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :

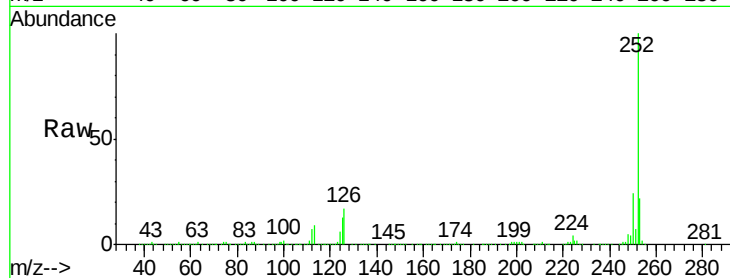
Tot Ion:252 Resp: 981051

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

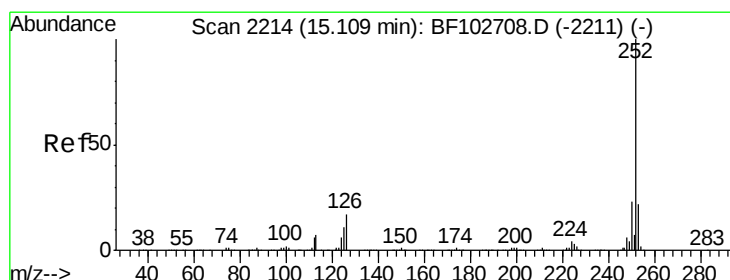
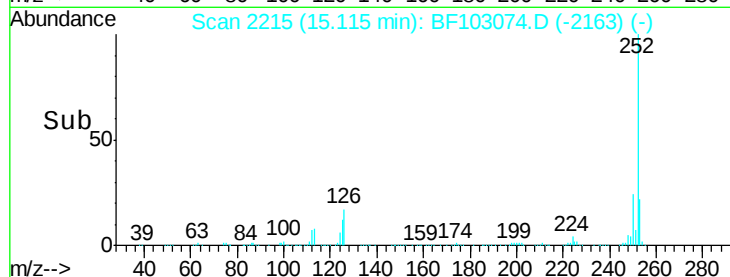
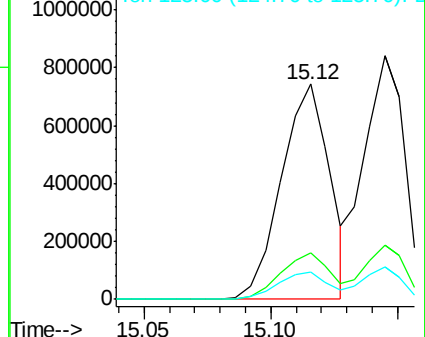
125 12.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.298 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

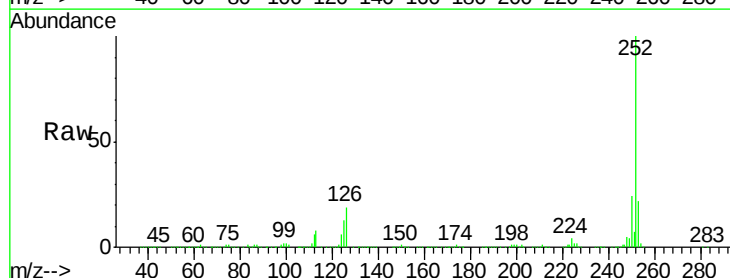
Tgt Ion:252 Resp: 957556

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

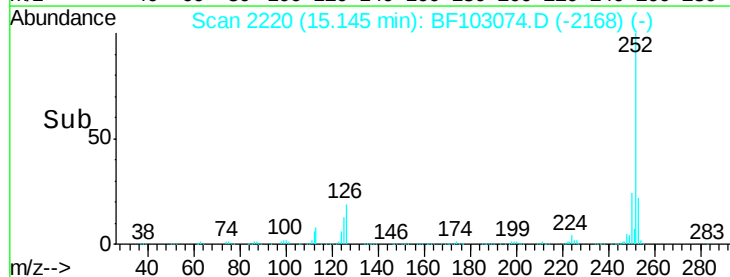
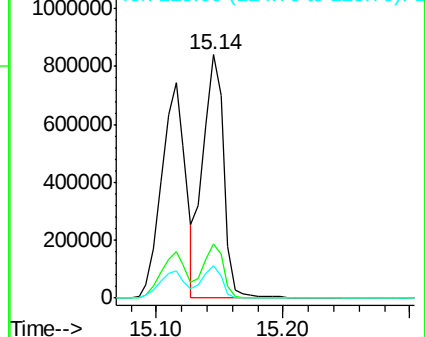
125 13.1 10.2 15.2



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

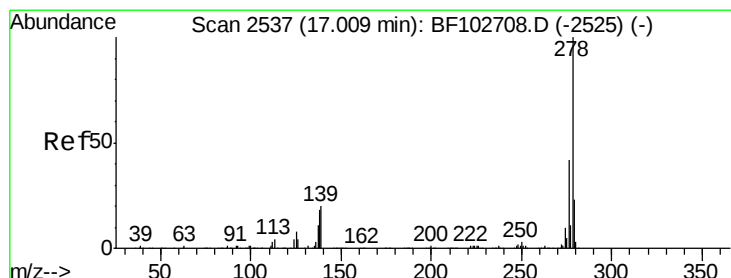
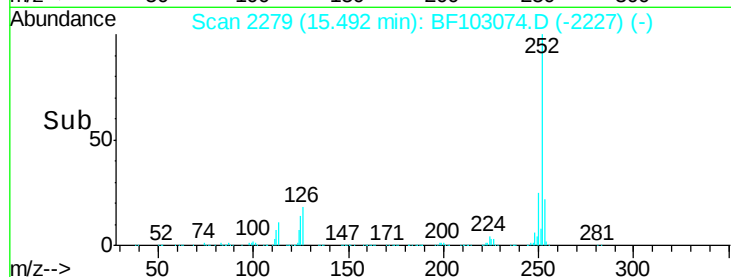
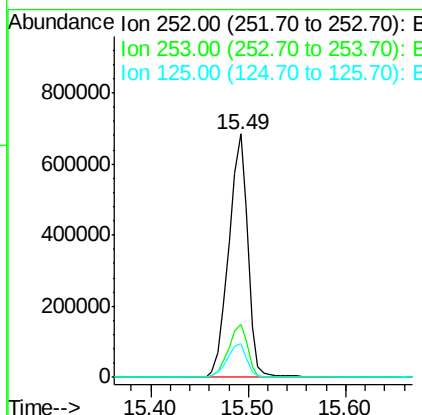
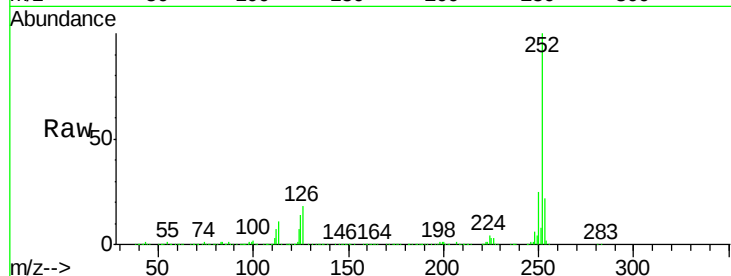




#89
Benzo(a)pyrene
Concen: 44.560 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

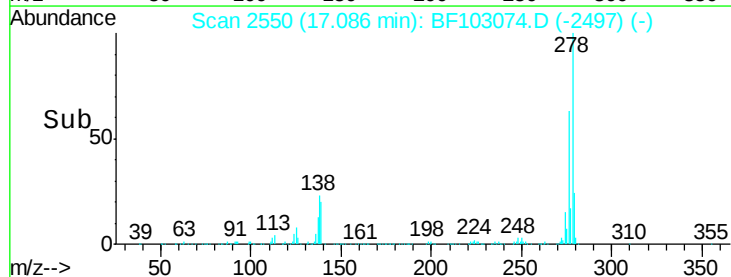
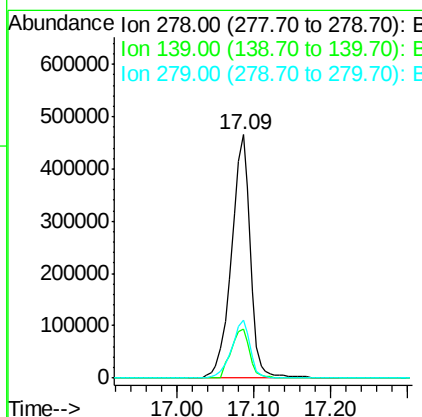
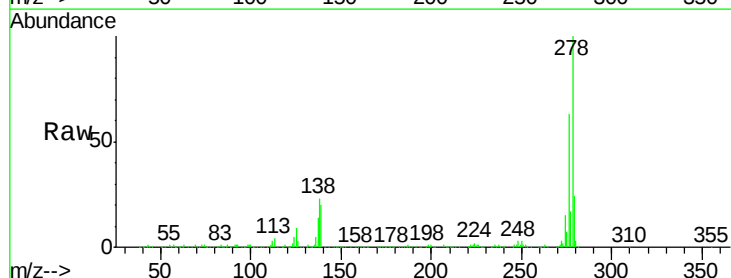
Instrument :
BNA_F
ClientSampleId :

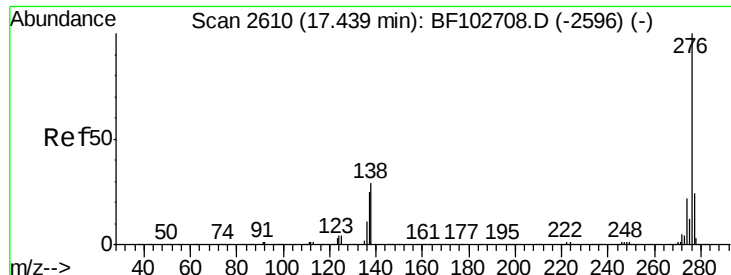
Tot Ion:252 Resp: 928356
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 14.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 47.332 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF103074.D
Acq: 19 Feb 2018 11:39

Tgt Ion:278 Resp: 800393
Ion Ratio Lower Upper
278 100
139 20.0 15.9 23.9
279 23.9 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 51.918 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.01 min

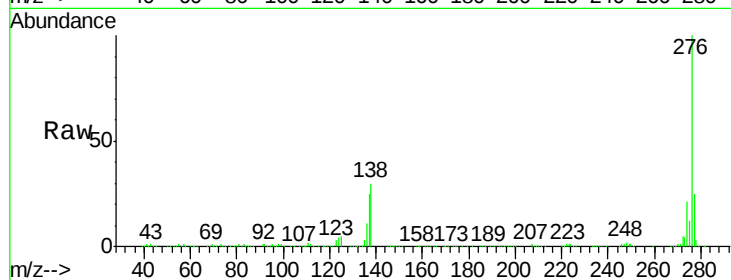
Lab File: BF103074.D

Acq: 19 Feb 2018 11:39

Instrument :

BNA_F

ClientSampleId :



Tot Ion:276 Resp: 859324

Ion Ratio Lower Upper

276 100

277 24.9 17.9 26.9

138 30.2 21.8 32.8

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

