

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
 Data File : BF104244.D
 Acq On : 4 Apr 2018 23:39
 Operator : JU/SJ
 Sample : J2170-02MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 01:03:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	109746	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	463772	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	200176	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	310822	20.00	ng	0.00
75) Chrysene-d12	14.14	240	208491	20.00	ng	0.00
86) Perylene-d12	15.67	264	218155	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	701481	101.93	ng	0.00
7) Phenol-d6	6.60	99	861429	101.74	ng	0.00
23) Nitrobenzene-d5	7.52	82	541430	71.40	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	208590	93.58	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1008723	79.46	ng	0.00
78) Terphenyl-d14	13.07	244	702081	77.75	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.85	88	79659	26.839	ng	86
3) Pyridine	3.66	79	157891	21.013	ng	# 78
4) n-Nitrosodimethylamine	3.66	42	21230	9.506	ng	# 66
6) Aniline	6.63	93	209756	20.695	ng	# 75
8) 2-Chlorophenol	6.75	128	281159	37.245	ng	95
9) Benzaldehyde	6.54	77	44157	7.633	ng	99
10) Phenol	6.61	94	353003	37.630	ng	94
11) bis(2-Chloroethyl)ether	6.69	93	295031	36.497	ng	89
12) 1,3-Dichlorobenzene	6.89	146	267839	31.564	ng	98
13) 1,4-Dichlorobenzene	6.97	146	317132	34.879	ng	98
14) 1,2-Dichlorobenzene	7.12	146	288858	35.345	ng	97
15) Benzyl Alcohol	7.10	79	167254	30.383	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.22	45	318000	36.108	ng	# 49
17) 2-Methylphenol	7.21	107	201564	32.807	ng	# 77
18) Hexachloroethane	7.45	117	93808	30.815	ng	99
19) n-Nitroso-di-n-propylamine	7.35	70	189872	37.789	ng	92
20) 3+4-Methylphenols	7.37	107	297169	37.898	ng	# 55
22) Acetophenone	7.36	105	391766	34.914	ng	99
24) Nitrobenzene	7.54	77	238025	29.831	ng	99
25) Isophorone	7.76	82	532661	38.114	ng	99
26) 2-Nitrophenol	7.86	139	135043	32.423	ng	89
27) 2,4-Dimethylphenol	7.89	122	222141	36.982	ng	97
28) bis(2-Chloroethoxy)methane	7.97	93	321458	36.699	ng	99
29) 2,4-Dichlorophenol	8.10	162	218684	34.855	ng	99
30) 1,2,4-Trichlorobenzene	8.17	180	239232	33.606	ng	98
31) Naphthalene	8.25	128	821669	36.266	ng	99
32) Benzoic acid	8.00	122	34328	7.801	ng	# 62
33) 4-Chloroaniline	8.33	127	146047	15.290	ng	96
34) Hexachlorobutadiene	8.36	225	128110	33.071	ng	99
35) Caprolactam	8.67	113	60974	30.649	ng	# 75
36) 4-Chloro-3-methylphenol	8.80	107	234024	35.264	ng	97
37) 2-Methylnaphthalene	8.95	142	502181	33.649	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	229004	37.306	ng	# 98
40) Hexachlorocyclopentadiene	9.09	237	34803	16.621	ng	98

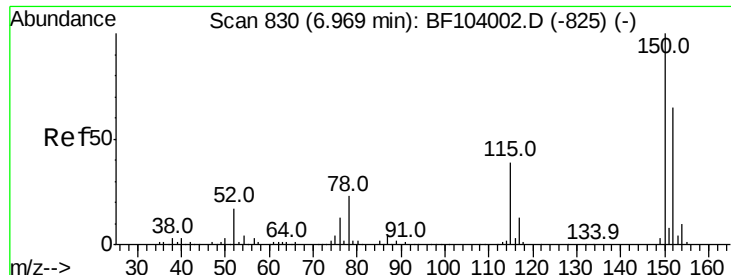
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	131846	33.920	ng	96
43) 2,4,5-Trichlorophenol	9.28	196	155497	33.132	ng	94
45) 1,1'-Biphenyl	9.41	154	629004	36.611	ng	98
46) 2-Chloronaphthalene	9.44	162	482933	35.635	ng	98
47) 2-Nitroaniline	9.55	65	132999	34.417	ng	95
48) Acenaphthylene	9.85	152	703032	34.242	ng	99
49) Dimethylphthalate	9.70	163	644189	40.760	ng	100
50) 2,6-Dinitrotoluene	9.78	165	119814	35.237	ng	89
51) Acenaphthene	10.02	154	420060	35.367	ng	98
52) 3-Nitroaniline	9.97	138	93872	24.016	ng	91
53) 2,4-Dinitrophenol	10.14	184	10500	12.153	ng	# 1
54) Dibenzofuran	10.20	168	602733	34.751	ng	98
55) 4-Nitrophenol	10.15	139	80087	34.172	ng	90
56) 2,4-Dinitrotoluene	10.19	165	141878	32.700	ng	# 93
57) Fluorene	10.54	166	474120	33.139	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	119981	34.122	ng	# 83
59) Diethylphthalate	10.40	149	534570	35.307	ng	98
60) 4-Chlorophenyl-phenylether	10.53	204	235516	35.841	ng	94
61) 4-Nitroaniline	10.60	138	95860	26.210	ng	91
62) Azobenzene	10.69	77	453244	33.106	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	15599	8.291	ng	84
65) n-Nitrosodiphenylamine	10.65	169	422159	40.104	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	134982	40.592	ng	# 88
67) Hexachlorobenzene	11.09	284	134890	35.264	ng	92
68) Atrazine	11.17	200	125092	38.790	ng	99
69) Pentachlorophenol	11.29	266	103536	49.188	ng	99
70) Phenanthrene	11.51	178	562933	33.452	ng	98
71) Anthracene	11.56	178	664984	37.831	ng	99
72) Carbazole	11.73	167	553342	32.983	ng	99
73) Di-n-butylphthalate	12.03	149	737160	36.889	ng	99
74) Fluoranthene	12.70	202	535971	29.963	ng	98
76) Benzidine	12.84	184	292982	49.311	ng	99
77) Pyrene	12.94	202	509888	34.021	ng	98
79) Butylbenzylphthalate	13.53	149	240900	34.117	ng	95
80) Benzo(a)anthracene	14.13	228	421649	32.321	ng	99
81) 3,3'-Dichlorobenzidine	14.09	252	163146	37.781	ng	98
82) Chrysene	14.17	228	474938	37.170	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	330118	36.184	ng	99
84) Di-n-octyl phthalate	14.70	149	551284	35.128	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.27	276	438582	33.123	ng	97
87) Benzo(b)fluoranthene	15.22	252	402096	30.286	ng	98
88) Benzo(k)fluoranthene	15.25	252	491793	39.322	ng	98
89) Benzo(a)pyrene	15.61	252	432757	35.174	ng	98
90) Dibenzo(a,h)anthracene	17.27	278	374208	32.897	ng	98
91) Benzo(g,h,i)perylene	17.75	276	329442	28.914	ng	95

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

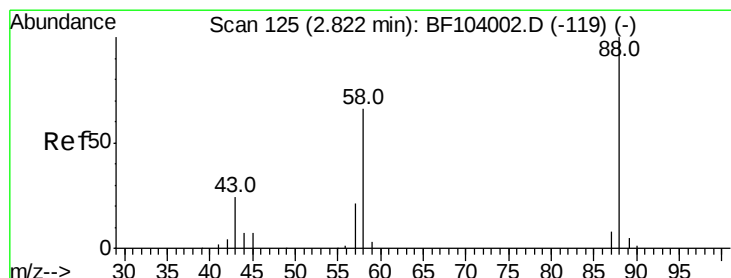
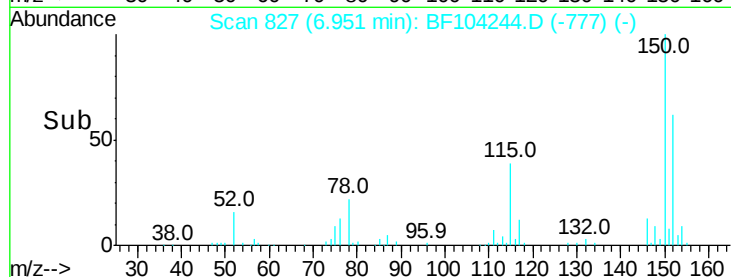
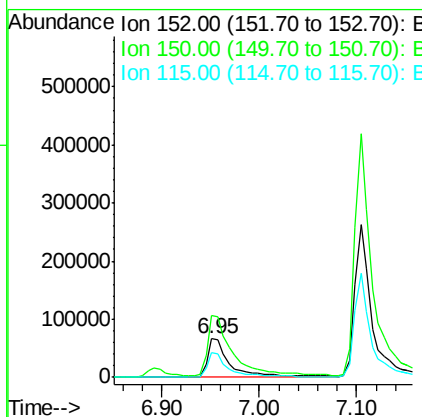
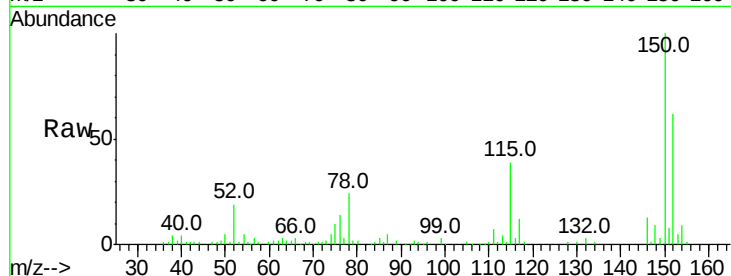


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Instrument :
BNA_F
ClientSampleId :

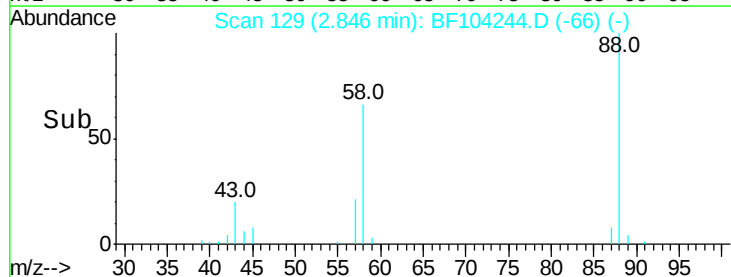
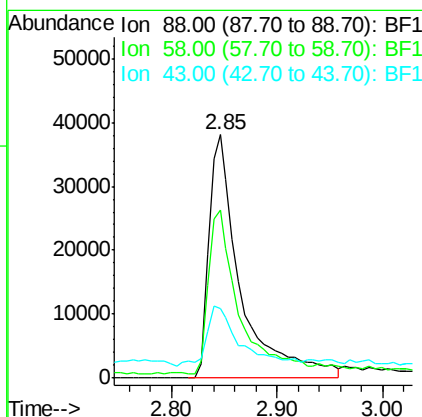
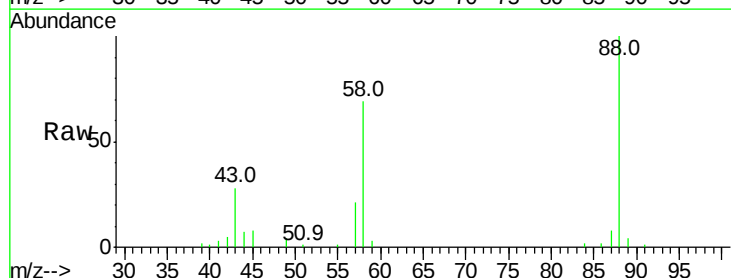
Tot Ion:152 Resp: 109746
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 62.6 50.1 75.1

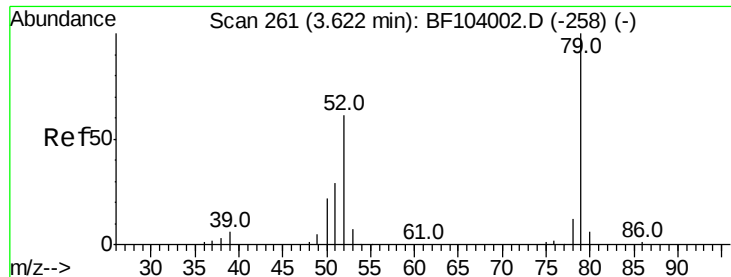


#2

1,4-Dioxane
Concen: 26.839 ng
RT: 2.85 min Scan# 129
Delta R.T. 0.07 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Tgt Ion: 88 Resp: 79659
Ion Ratio Lower Upper
88 100
58 64.3 62.6 93.8
43 25.5 24.6 37.0





#3

Pvridine

Concen: 21.013 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.06 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampled :

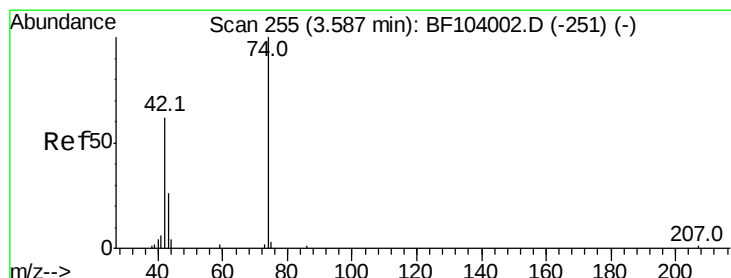
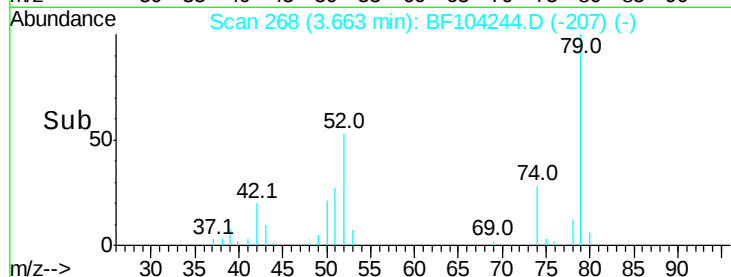
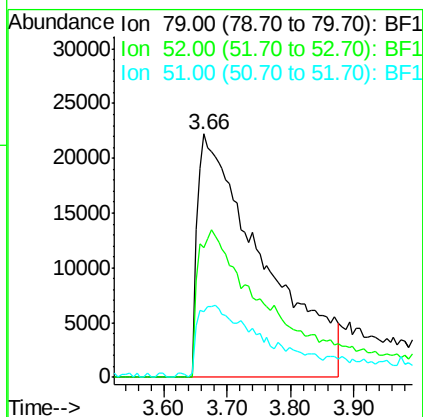
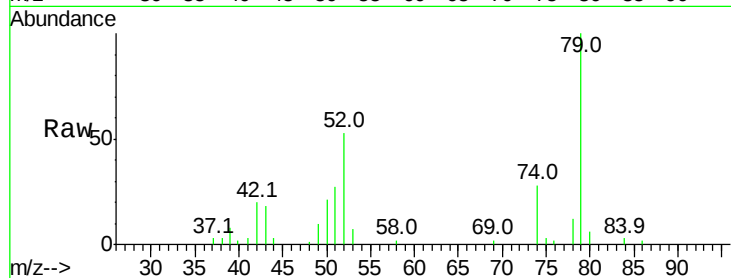
Tot Ion: 79 Resp: 157891

Ion Ratio Lower Upper

79 100

52 53.3 59.8 89.6#

51 27.2 29.8 44.8#



#4

n-Nitrosodimethylamine

Concen: 9.506 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.07 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

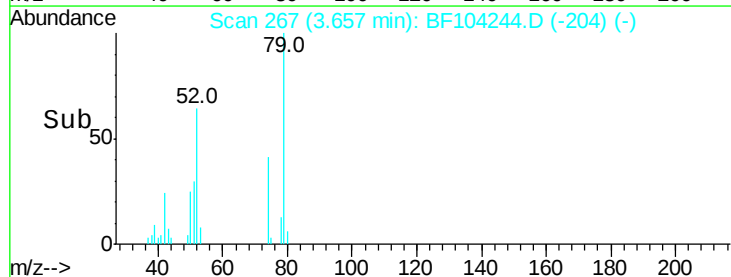
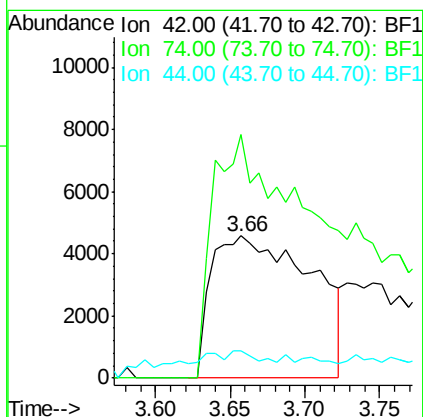
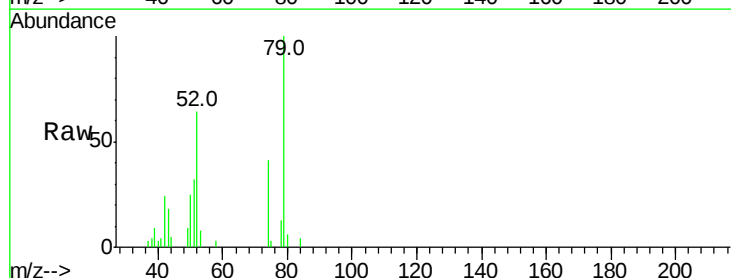
Tgt Ion: 42 Resp: 21230

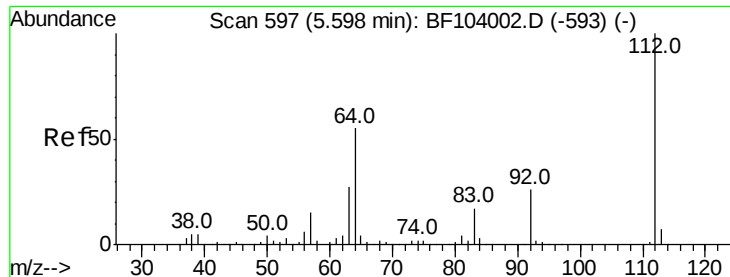
Ion Ratio Lower Upper

42 100

74 171.2 104.9 157.3#

44 19.1 6.9 10.3#





#5

2-Fluorophenol

Concen: 101.934 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampleId :

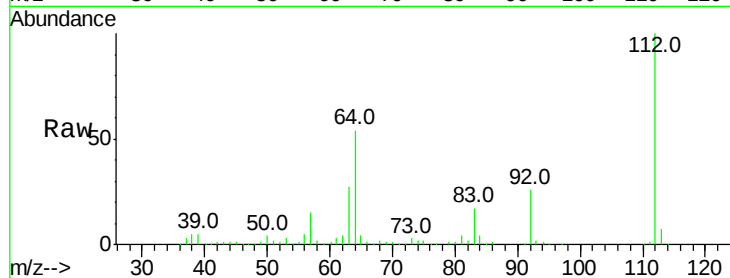
Tot Ion:112 Resp: 701481

Ion Ratio Lower Upper

112 100

64 54.3 47.9 71.9

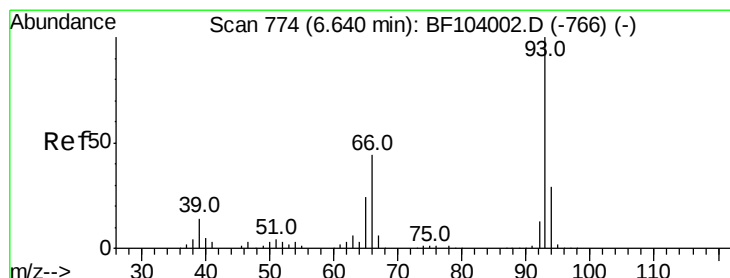
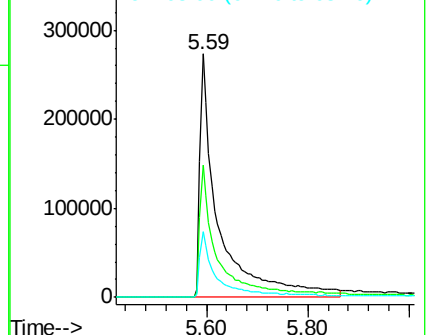
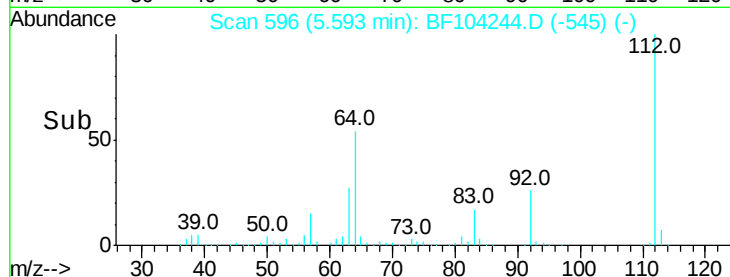
63 27.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 20.695 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

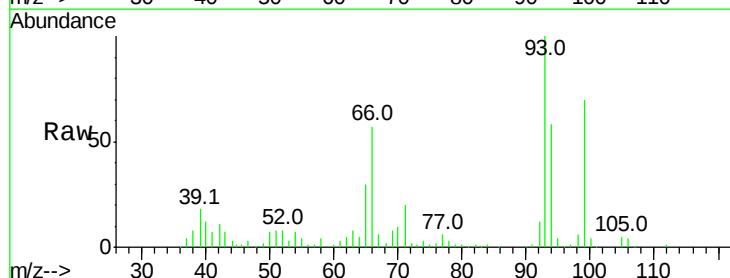
Tgt Ion: 93 Resp: 209756

Ion Ratio Lower Upper

93 100

66 57.2 32.2 48.2#

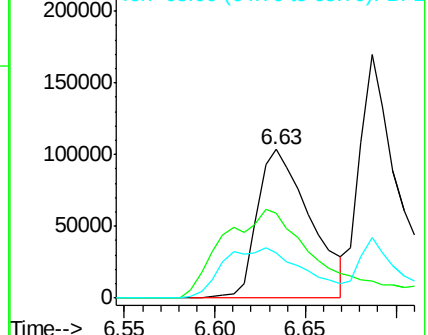
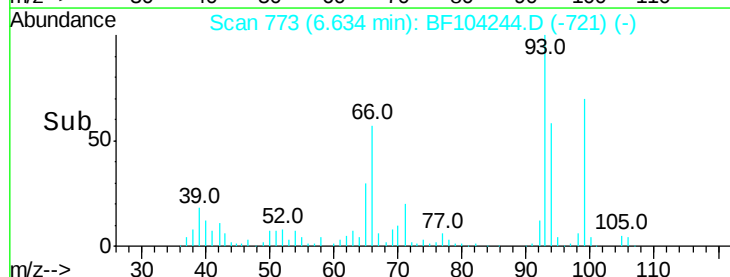
65 30.2 16.4 24.6#

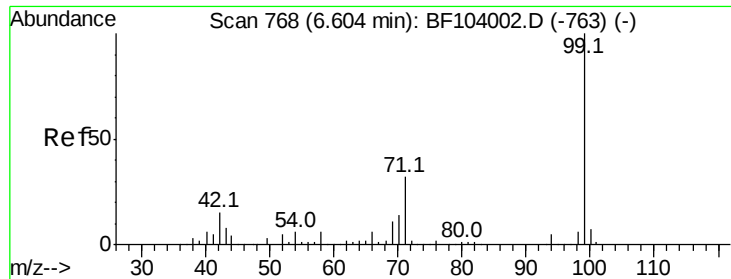


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 101.745 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampleId :

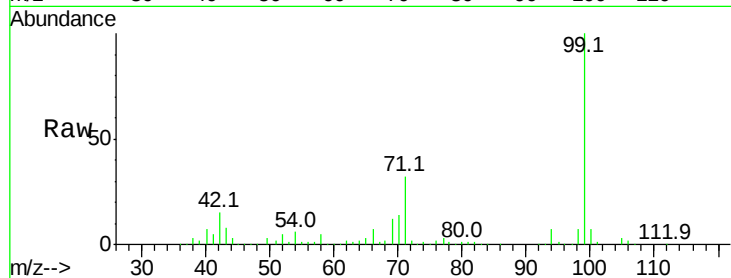
Tot Ion: 99 Resp: 861429

Ion Ratio Lower Upper

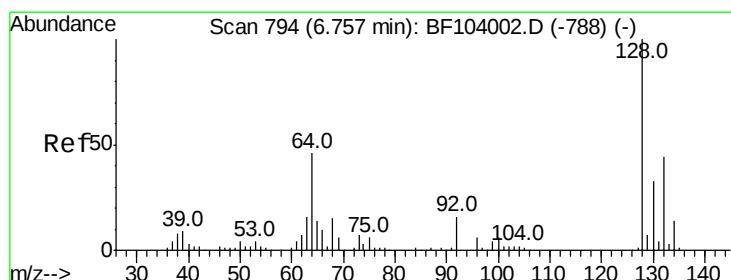
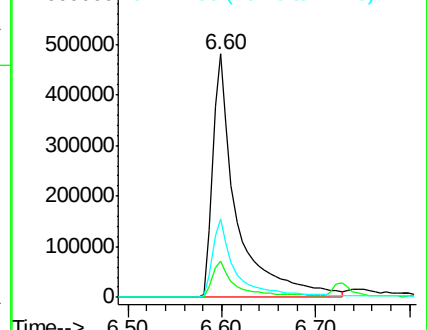
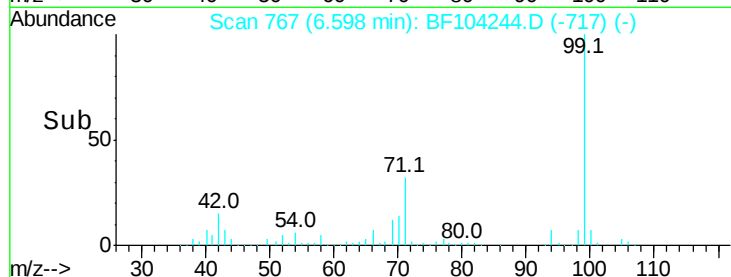
99 100

42 14.9 14.5 21.7

71 32.0 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: 37.245 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

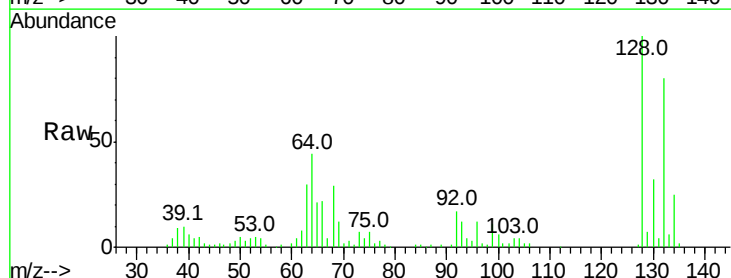
Tgt Ion: 128 Resp: 281159

Ion Ratio Lower Upper

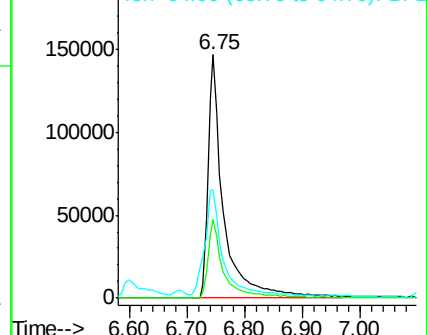
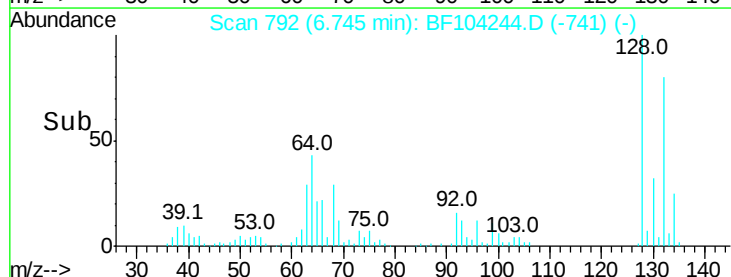
128 100

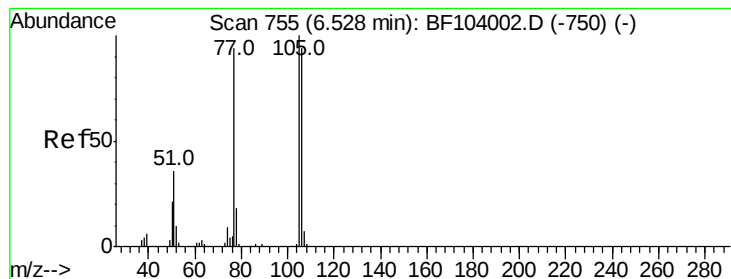
130 32.4 13.0 53.0

64 44.1 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: 7.633 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampled :

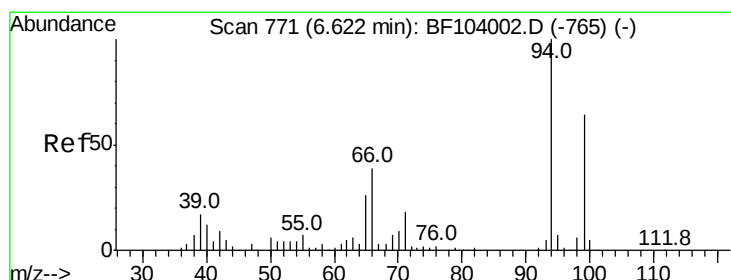
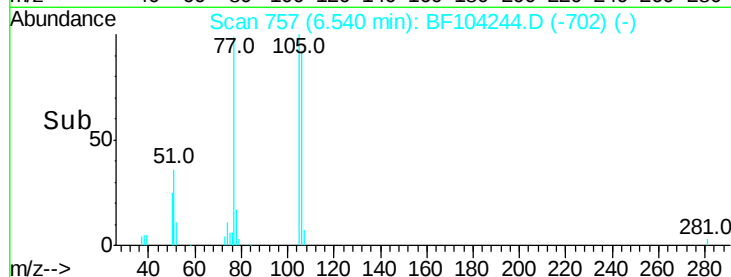
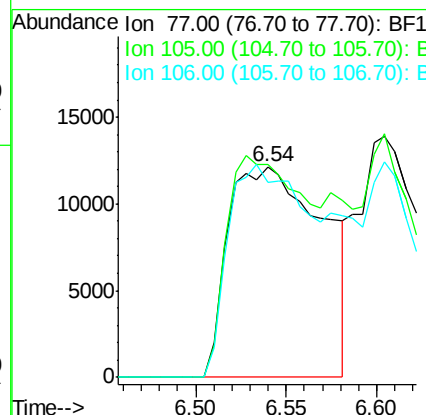
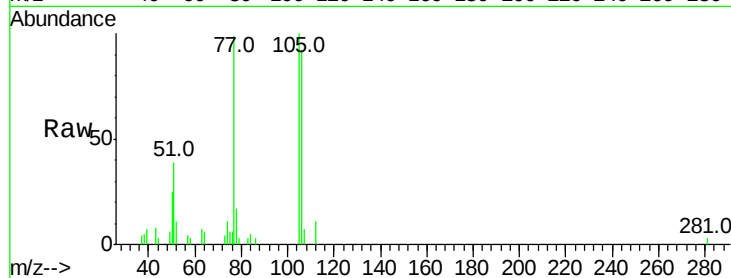
Tot Ion: 77 Resp: 44157

Ion Ratio Lower Upper

77 100

105 101.2 81.1 121.1

106 92.7 74.5 114.5



#10

Phenol

Concen: 37.630 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

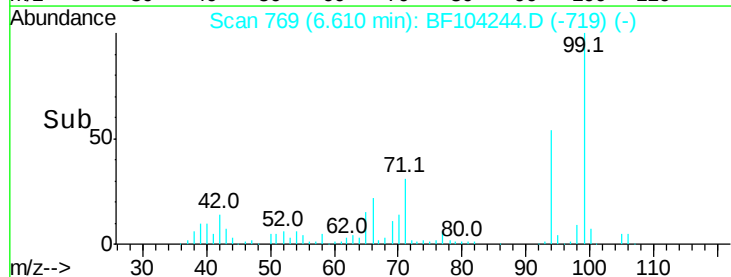
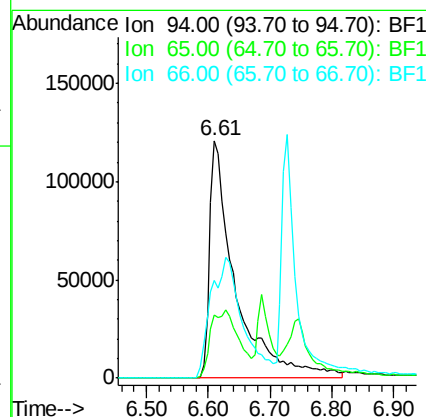
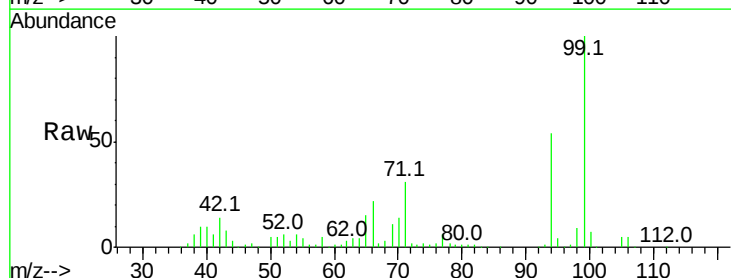
Tgt Ion: 94 Resp: 353003

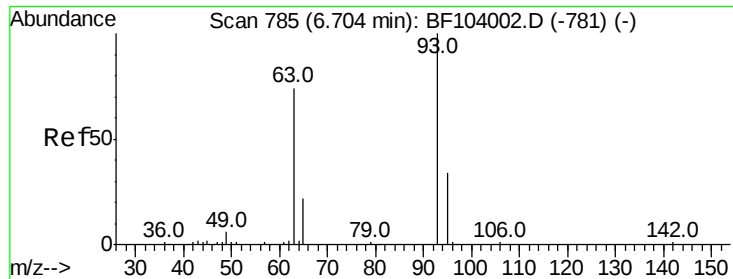
Ion Ratio Lower Upper

94 100

65 26.6 7.9 47.9

66 40.9 16.2 56.2

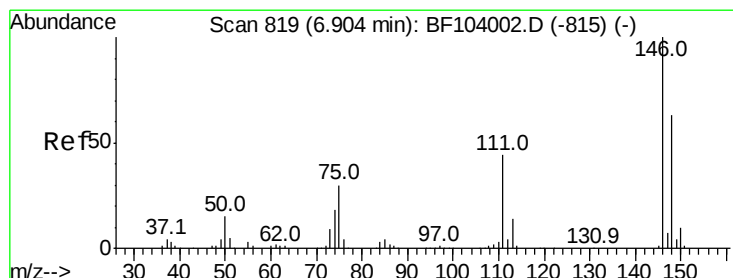
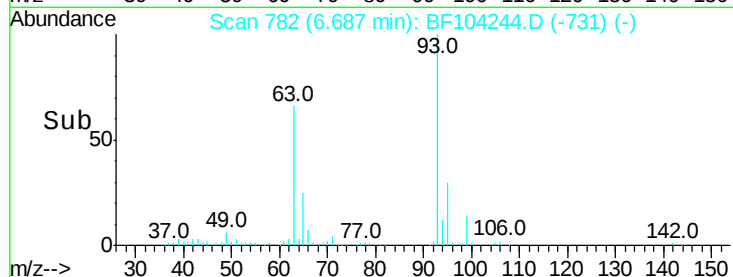
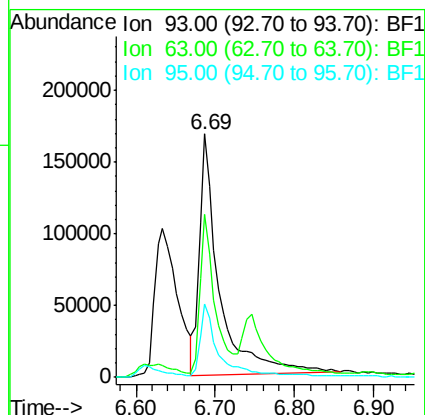
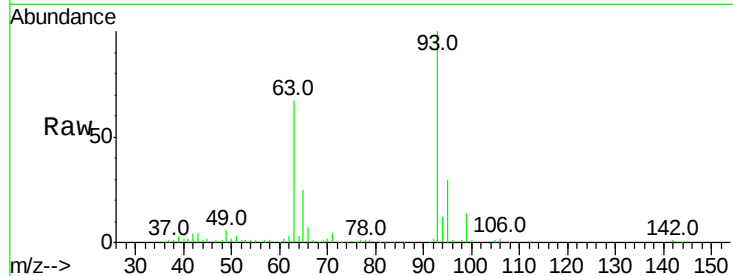




#11
bis(2-Chloroethyl)ether
Concen: 36.497 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

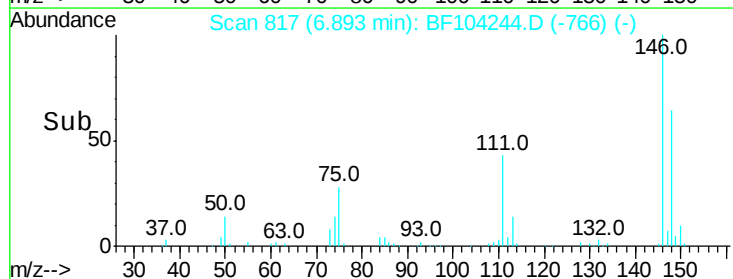
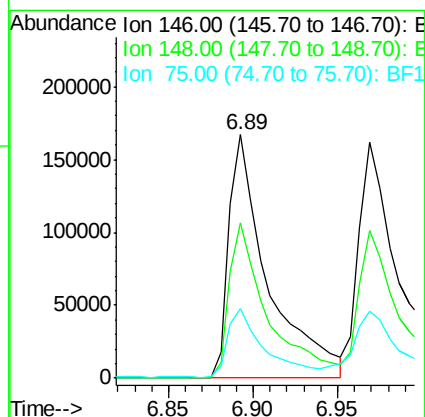
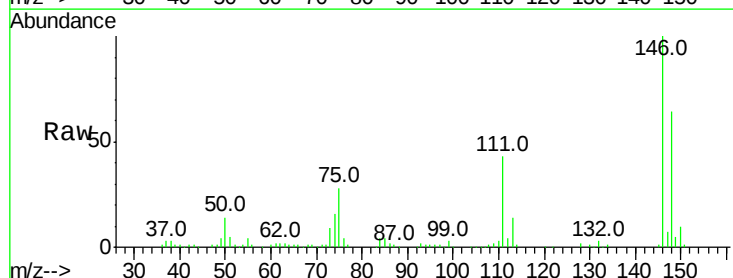
Instrument :
BNA_F
ClientSampleId :

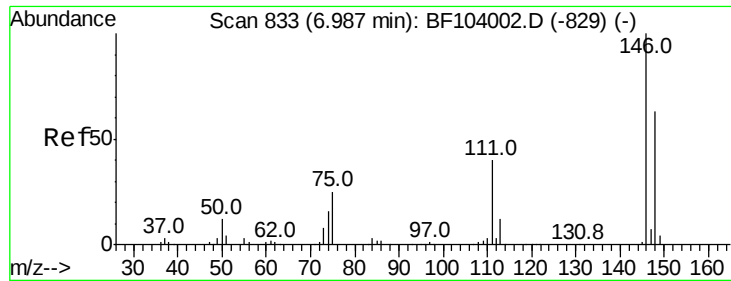
Tot Ion: 93 Resp: 295031
Ion Ratio Lower Upper
93 100
63 66.7 58.6 98.6
95 30.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 31.564 ng
RT: 6.89 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Tgt Ion: 146 Resp: 267839
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 28.4 24.2 36.4

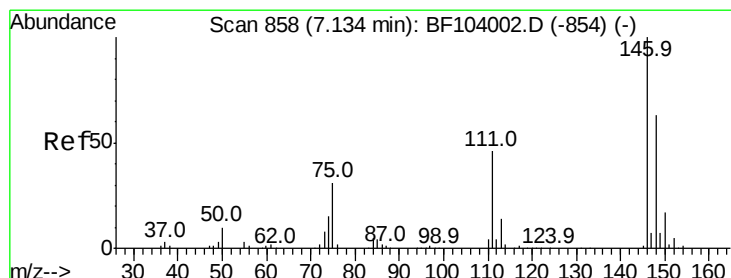
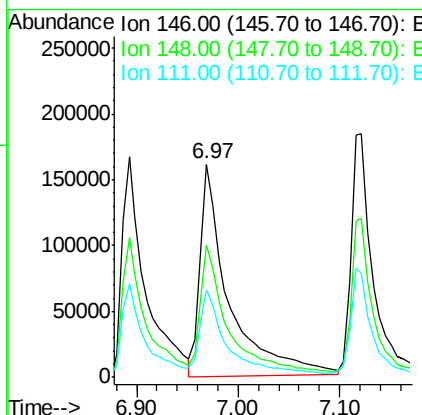
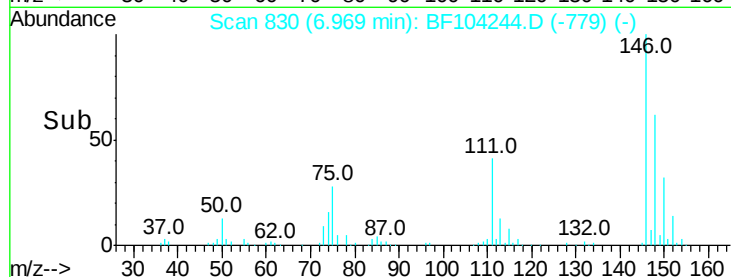
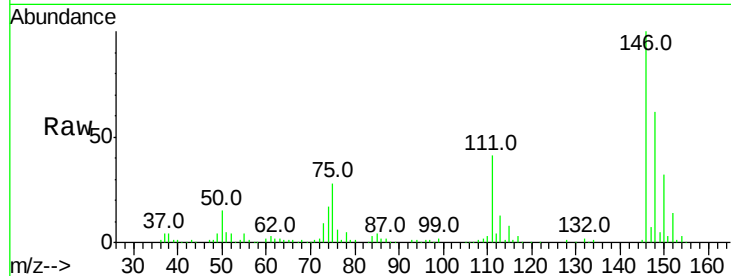




#13
 1,4-Dichlorobenzene
 Concen: 34.879 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

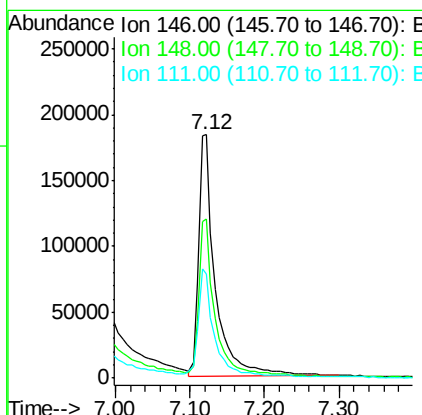
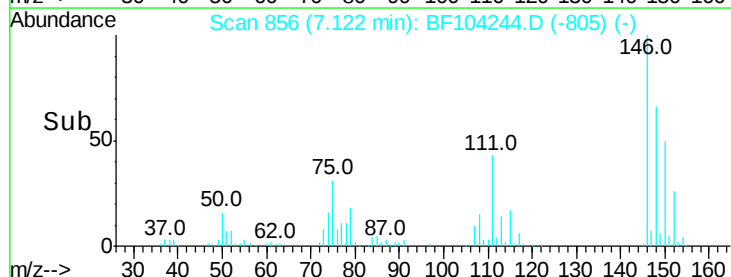
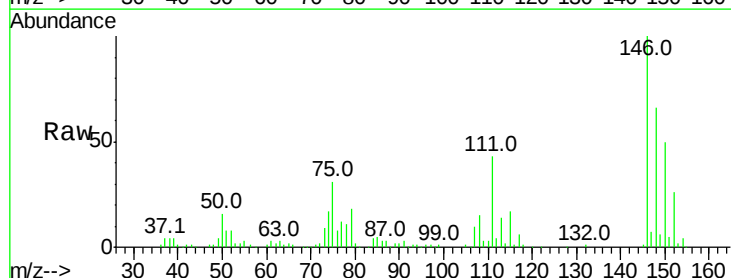
Instrument :
 BNA_F
 ClientSampled :

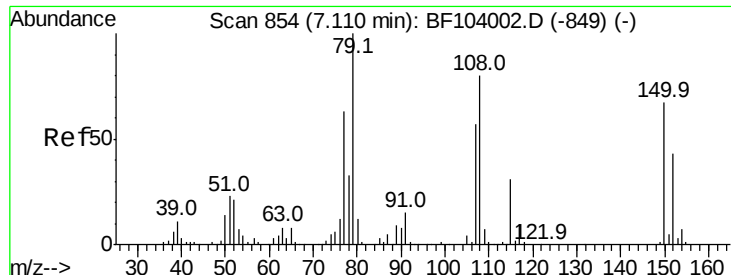
Tot Ion:146 Resp: 317132
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.8 76.2
 111 41.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 35.345 ng
 RT: 7.12 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

Tgt Ion:146 Resp: 288858
 Ion Ratio Lower Upper
 146 100
 148 65.6 50.6 75.8
 111 42.6 36.0 54.0

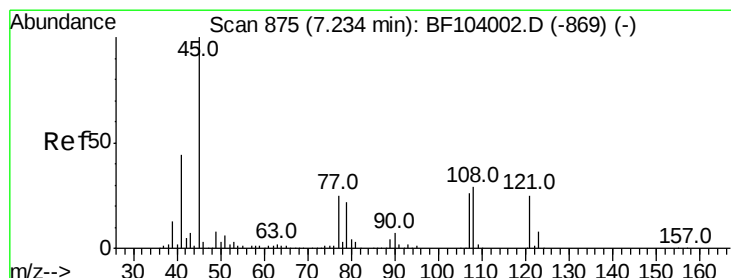
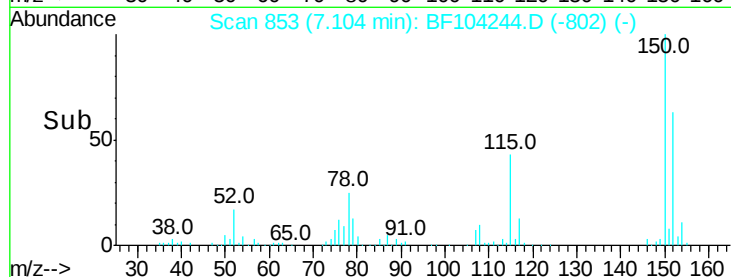
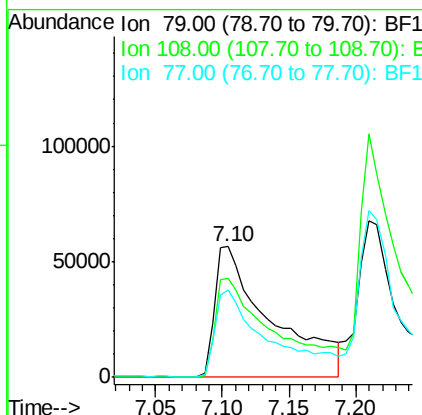
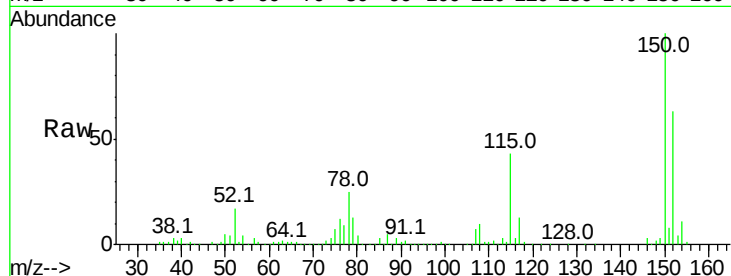




#15
Benzyl Alcohol
Concen: 30.383 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

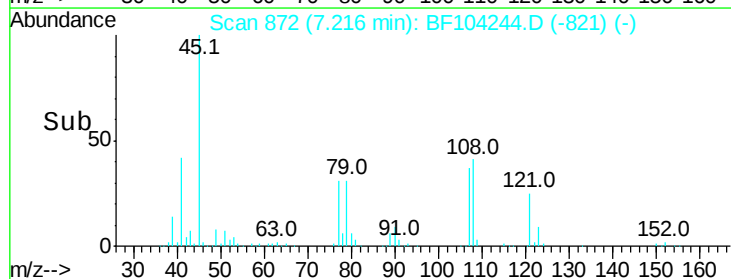
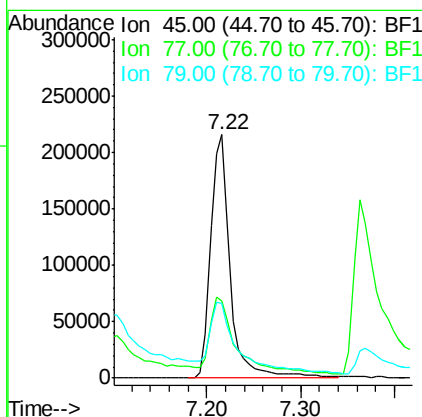
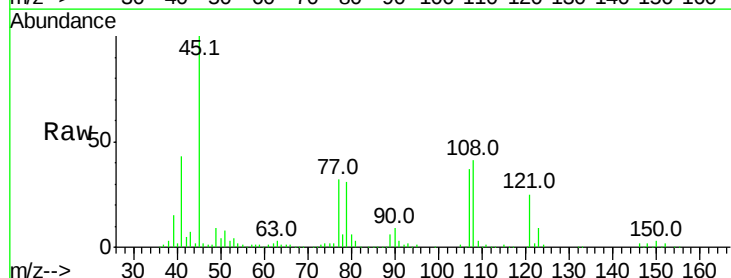
Instrument :
BNA_F
ClientSampled :

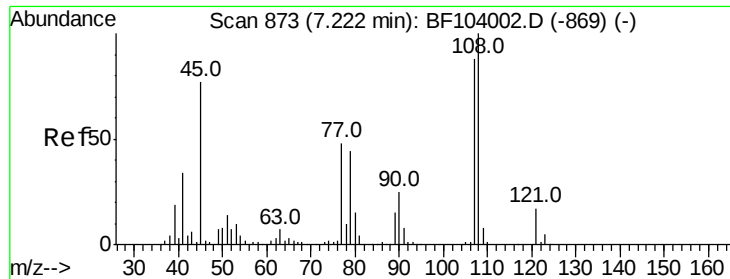
Tot Ion: 79 Resp: 167254
Ion Ratio Lower Upper
79 100
108 76.0 65.1 97.7
77 66.6 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.108 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Tgt Ion: 45 Resp: 318000
Ion Ratio Lower Upper
45 100
77 31.5 0.0 32.9
79 30.7 0.0 29.6#

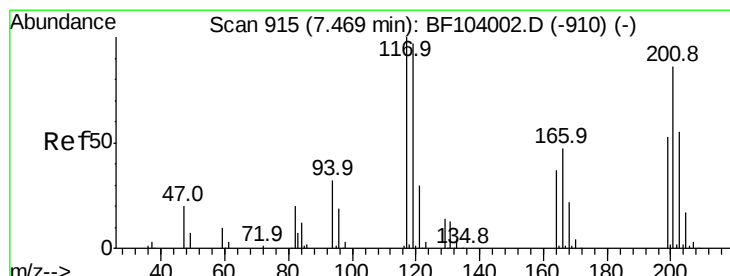
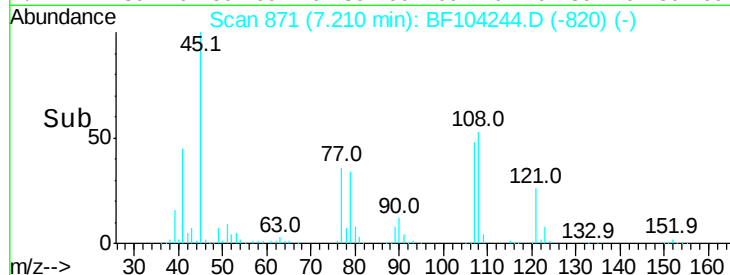
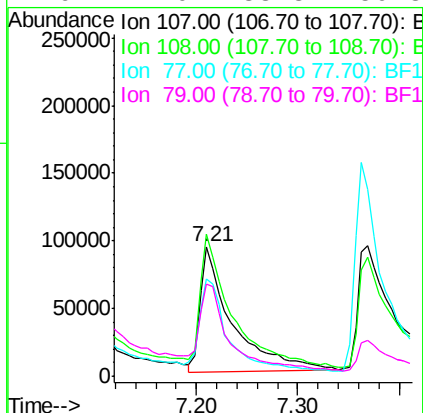
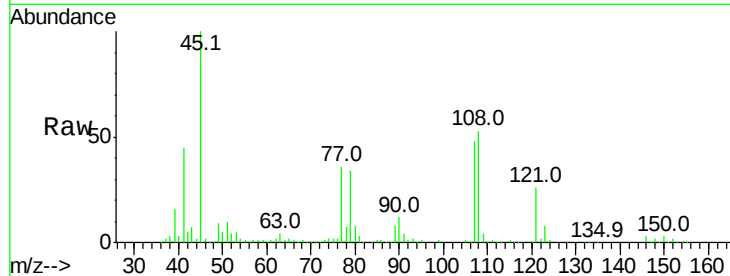




#17
2-Methylphenol
Concen: 32.807 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

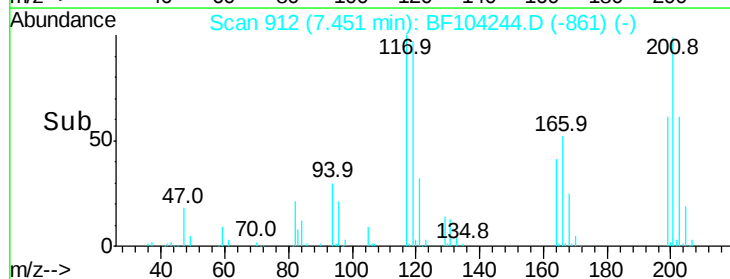
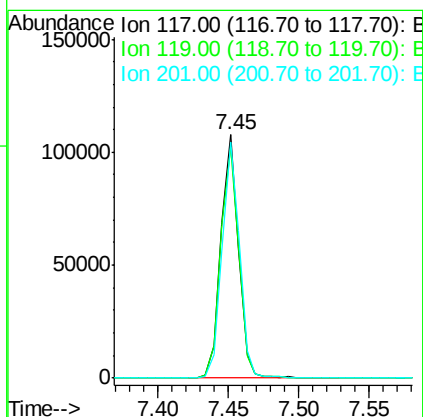
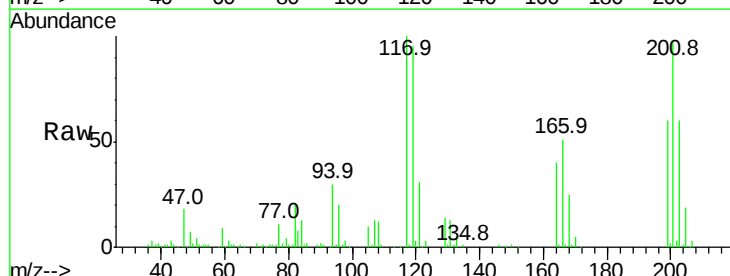
Instrument :
BNA_F
ClientSampleId :

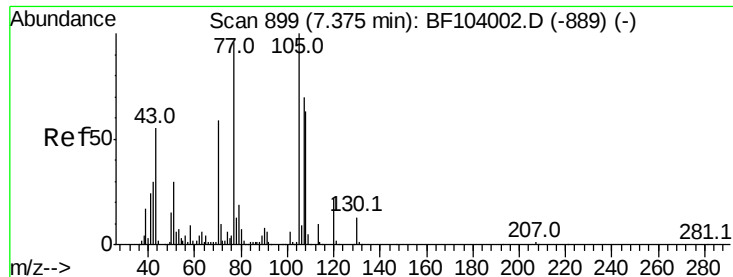
Tot Ion:107 Resp: 201564
Ion Ratio Lower Upper
107 100
108 110.1 91.7 137.5
77 75.6 33.8 50.8#
79 71.0 33.8 50.8#



#18
Hexachloroethane
Concen: 30.815 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Tgt Ion:117 Resp: 93808
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8
201 96.9 75.7 113.5

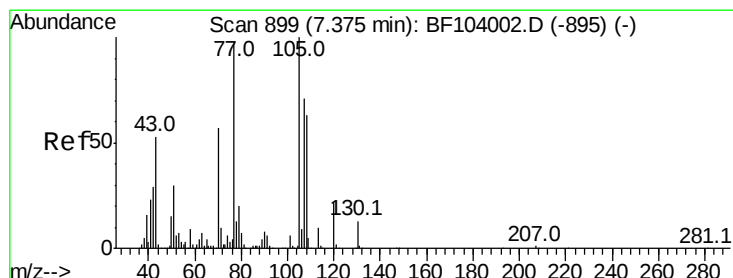
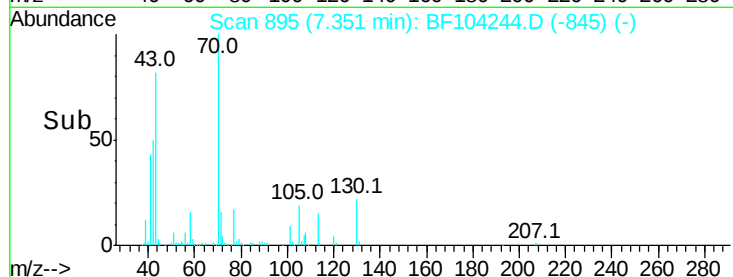
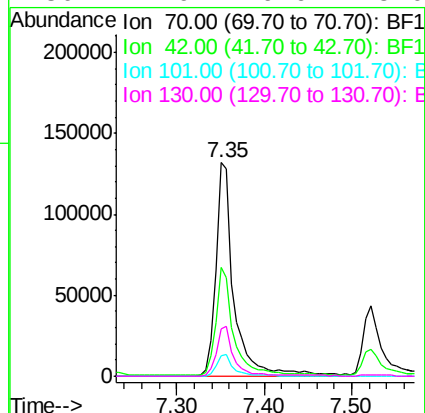
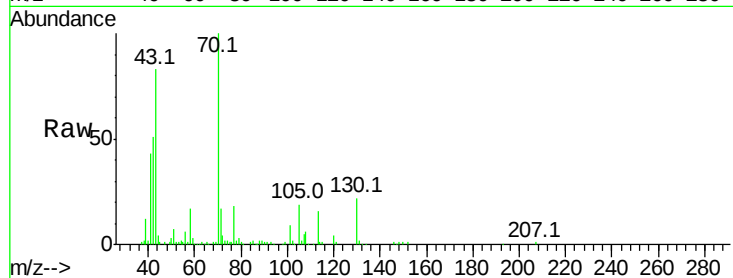




#19
n-Nitroso-di-n-propylamine
Concen: 37.789 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

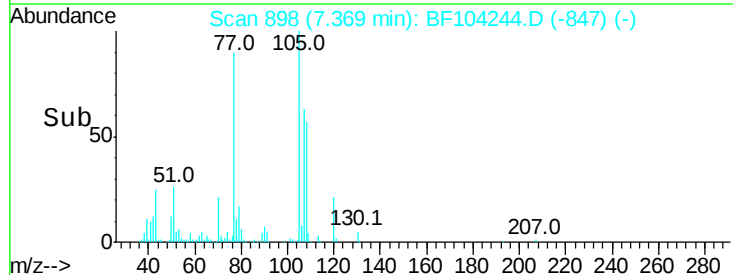
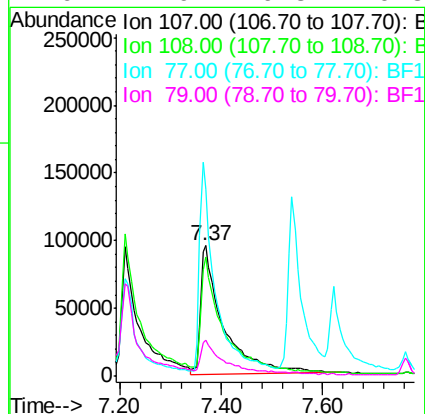
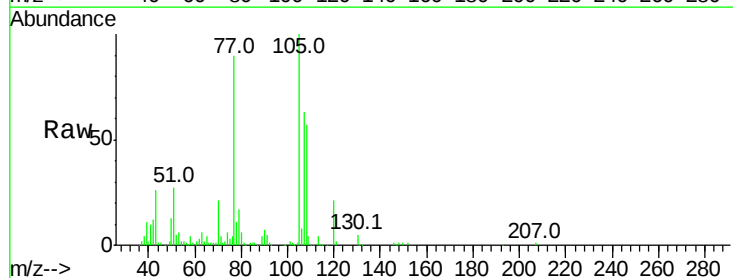
Instrument :
BNA_F
ClientSampleId :

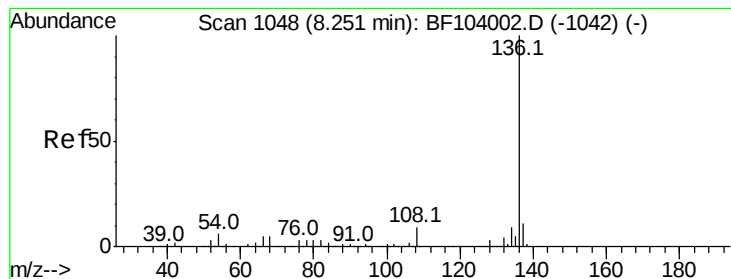
Tot Ion:	70	Resp:	189872
Ion	Ratio	Lower	Upper
70	100		
42	50.7	47.5	71.3
101	9.4	7.4	11.2
130	21.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 37.898 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Tgt Ion:	107	Resp:	297169
Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.2	108.2
77	143.3	26.7	66.7#
79	27.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 463772

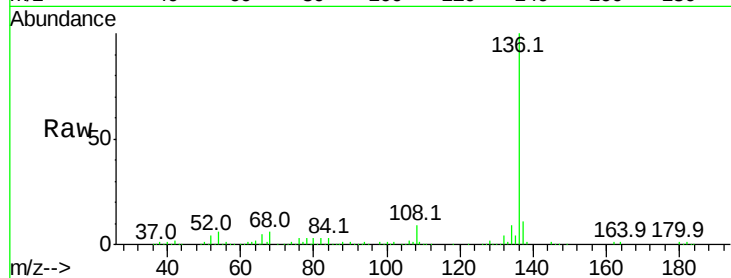
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.3 6.6 9.8#

68 6.0 5.0 7.4

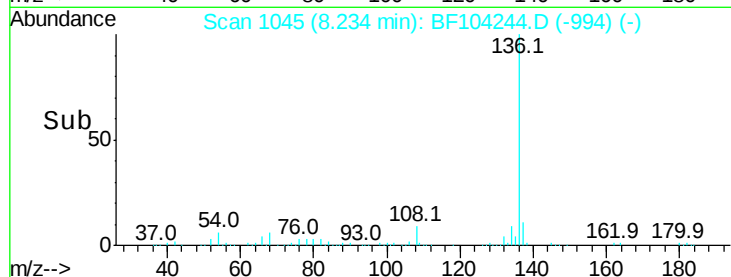


Abundance Ion 136.00 (135.70 to 136.70): E

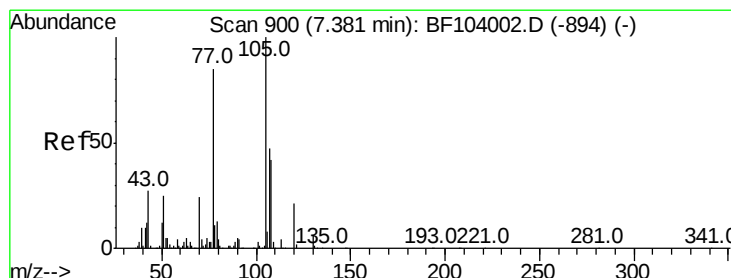
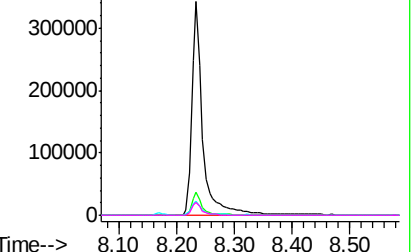
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 34.914 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Tgt Ion:105 Resp: 391766

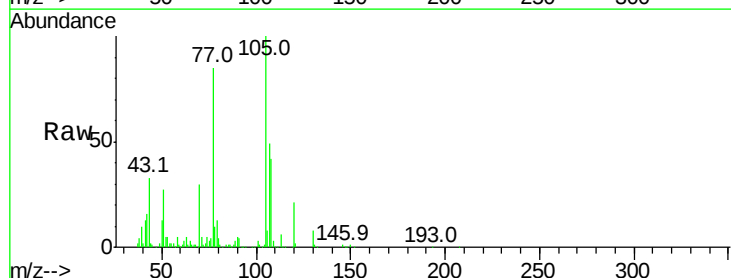
Ion Ratio Lower Upper

105 100

71 5.3 4.4 6.6

51 27.2 22.3 33.5

120 21.4 16.9 25.3

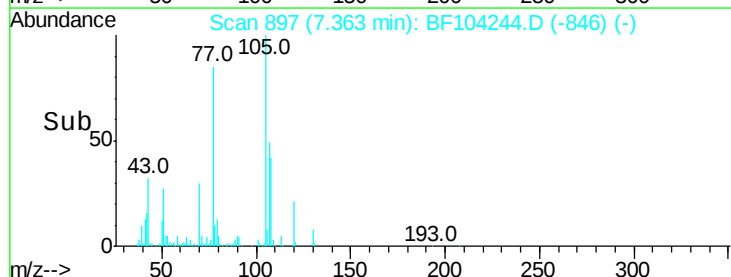


Abundance Ion 105.00 (104.70 to 105.70): E

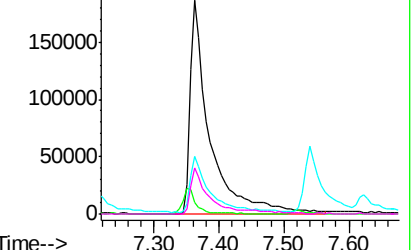
Ion 71.00 (70.70 to 71.70): BF1

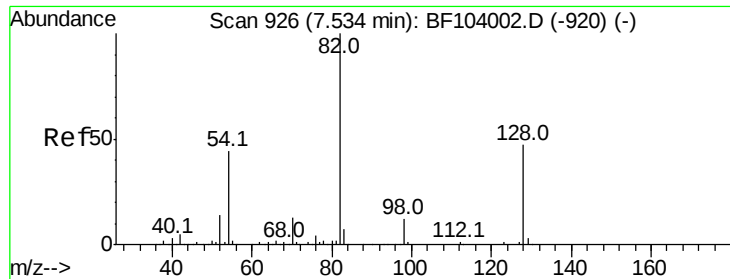
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

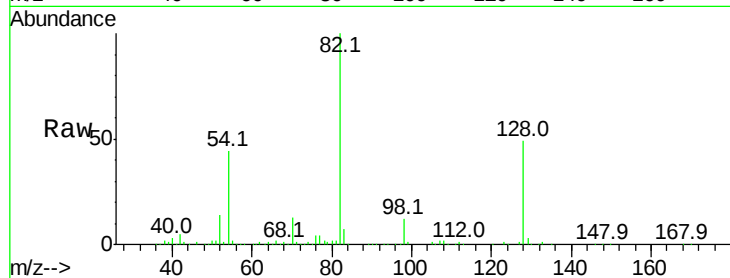




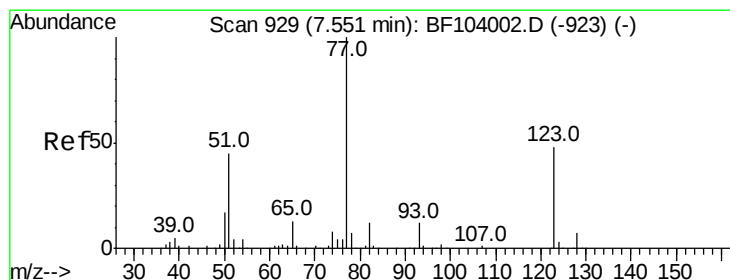
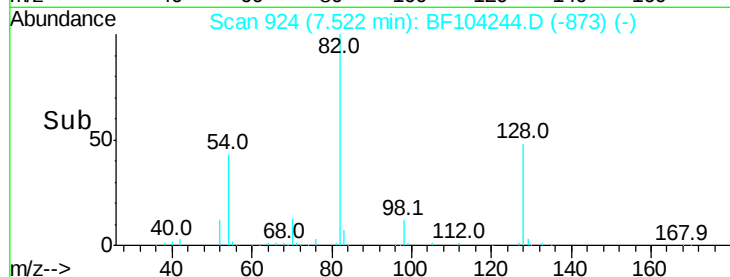
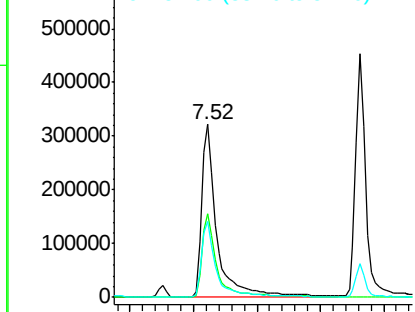
#23
Nitrobenzene-d5
Concen: 71.396 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 541430
Ion Ratio Lower Upper
82 100
128 48.5 36.1 54.1
54 43.7 41.4 62.2

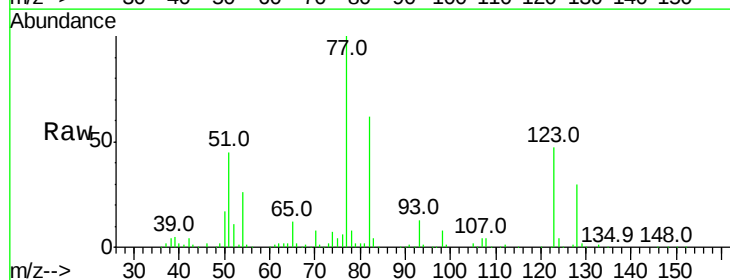


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

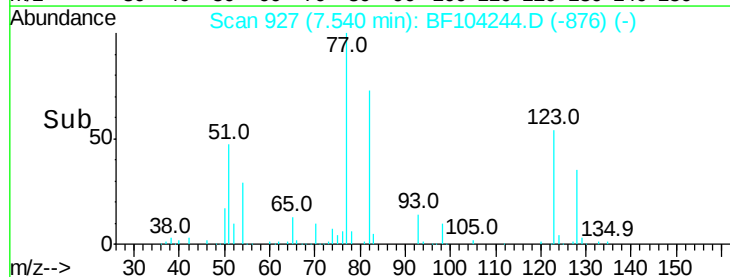
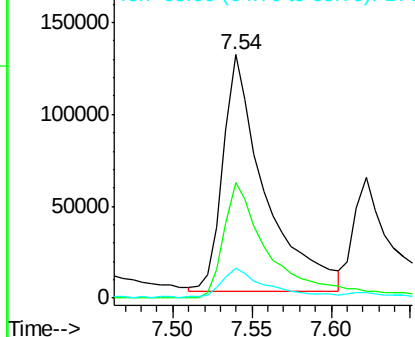


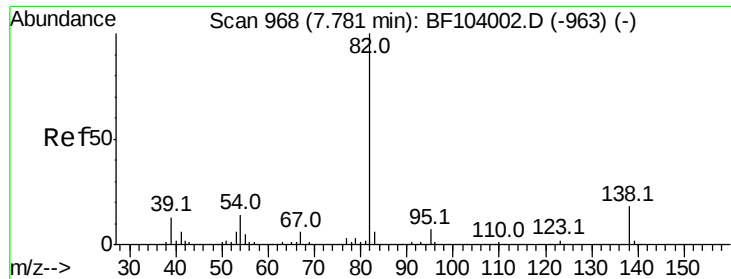
#24
Nitrobenzene
Concen: 29.831 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Tgt Ion: 77 Resp: 238025
Ion Ratio Lower Upper
77 100
123 47.4 37.9 56.9
65 12.3 11.0 16.4



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





#25

Isophorone

Concen: 38.114 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampleId :

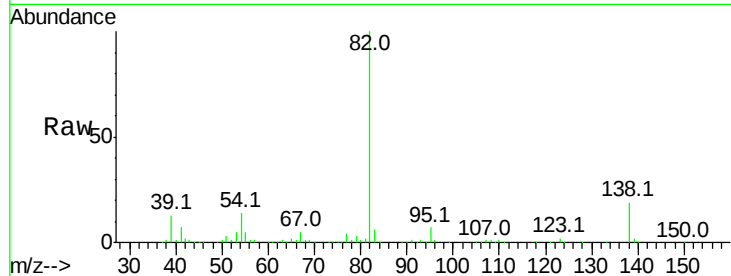
Tot Ion: 82 Resp: 532661

Ion Ratio Lower Upper

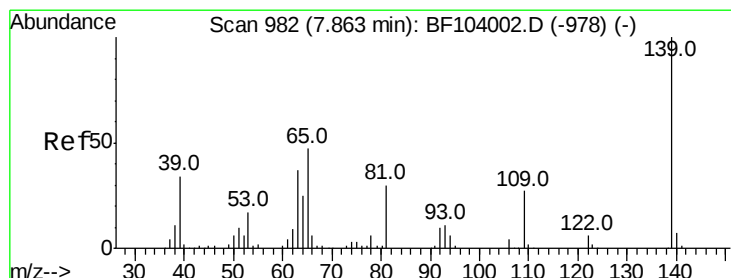
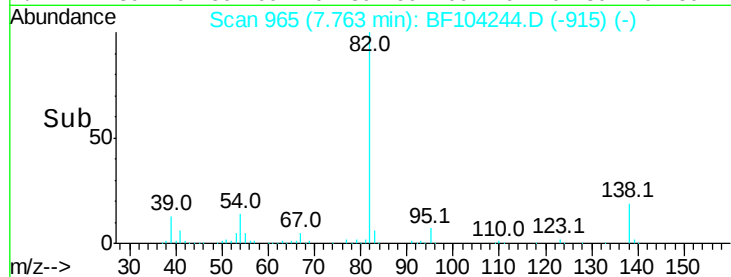
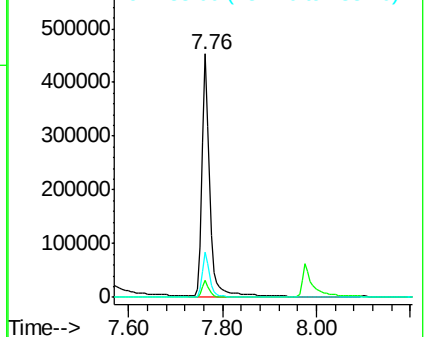
82 100

95 6.9 5.2 7.8

138 18.7 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: 32.423 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

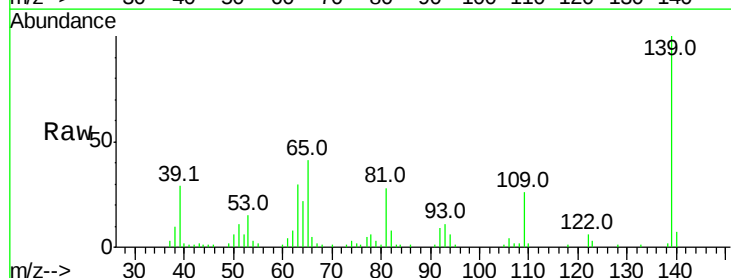
Tgt Ion:139 Resp: 135043

Ion Ratio Lower Upper

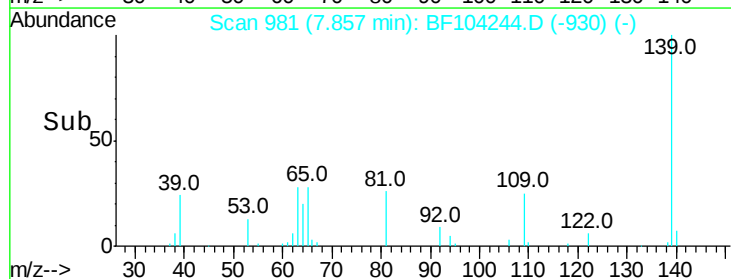
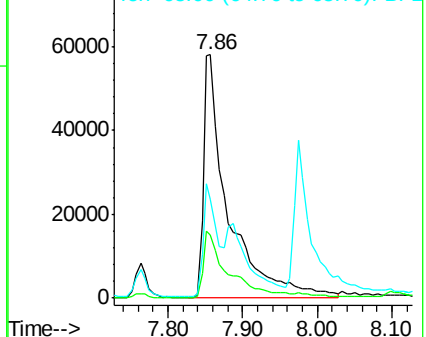
139 100

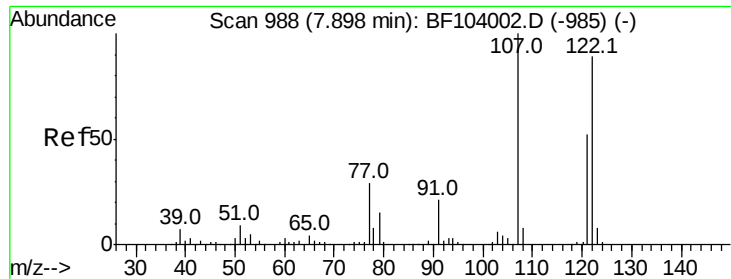
109 25.9 22.7 34.1

65 40.8 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

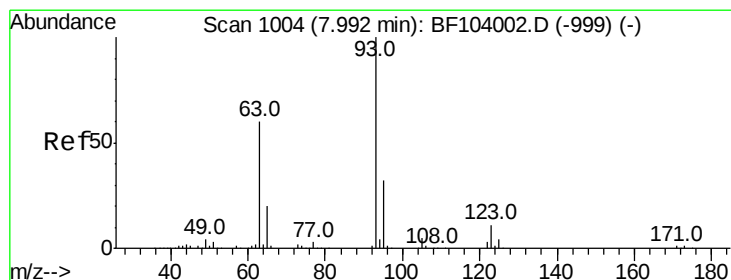
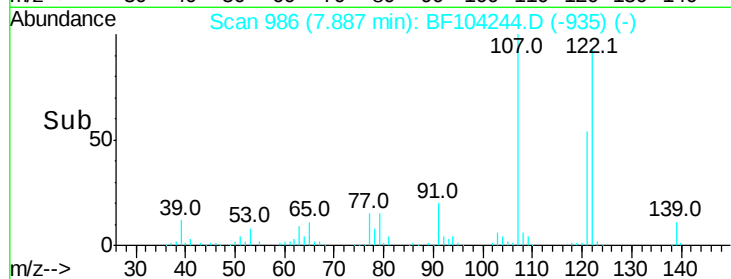
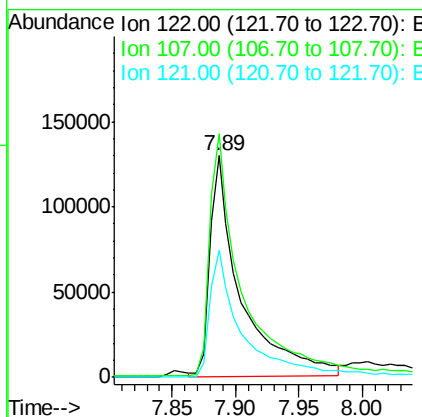
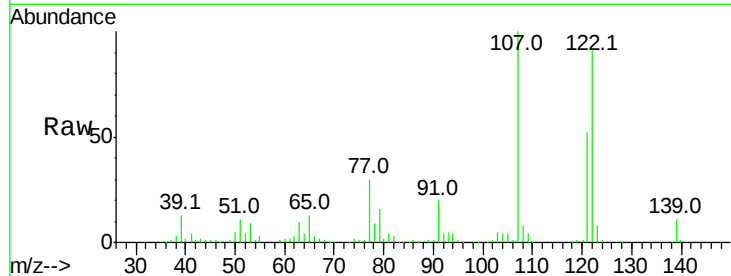




#27
 2,4-Dimethylphenol
 Concen: 36.982 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

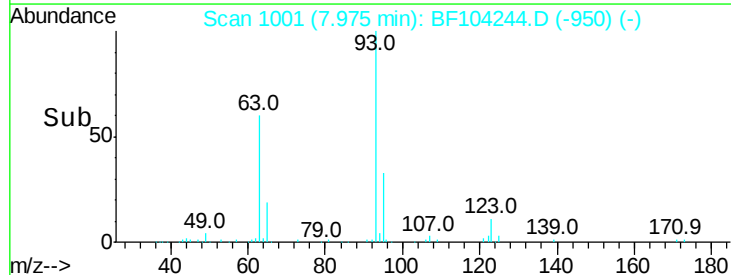
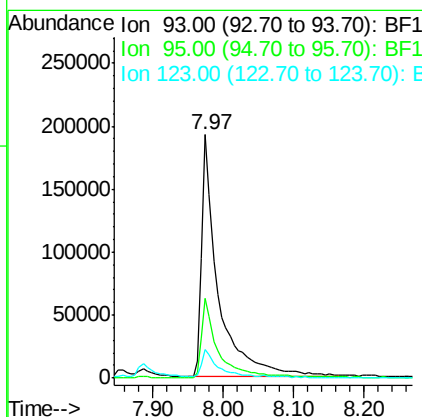
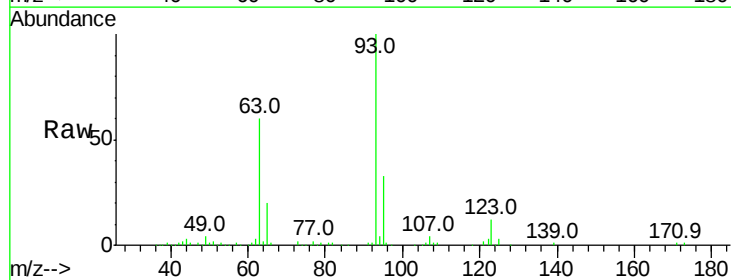
Instrument :
 BNA_F
 ClientSampleId :

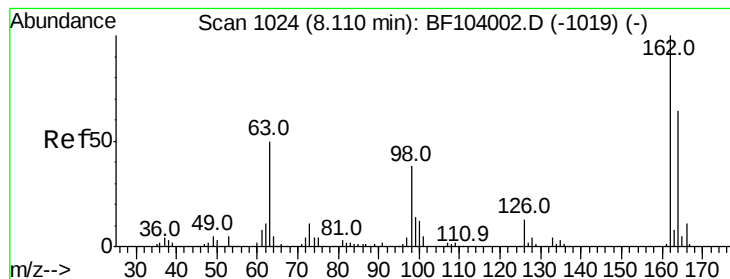
Tot Ion:122 Resp: 222141
 Ion Ratio Lower Upper
 122 100
 107 110.0 91.2 136.8
 121 57.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.699 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

Tgt Ion: 93 Resp: 321458
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.3 39.5
 123 11.6 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 34.855 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampleId :

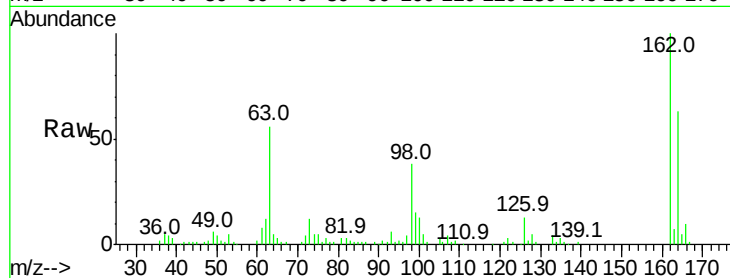
Tot Ion:162 Resp: 218684

Ion Ratio Lower Upper

162 100

164 63.3 42.7 82.7

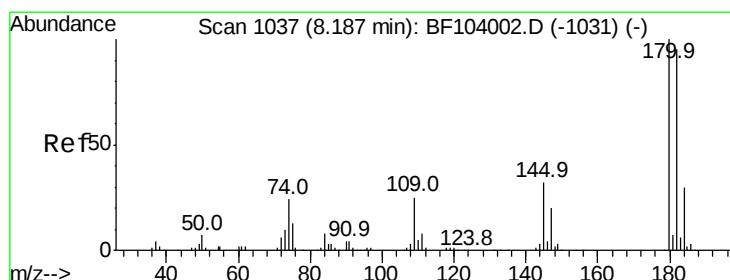
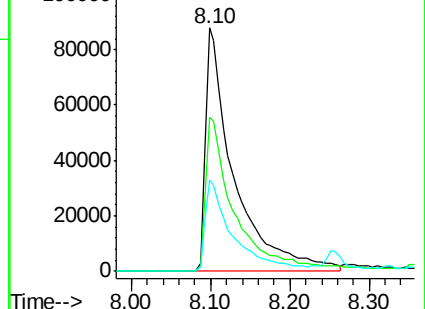
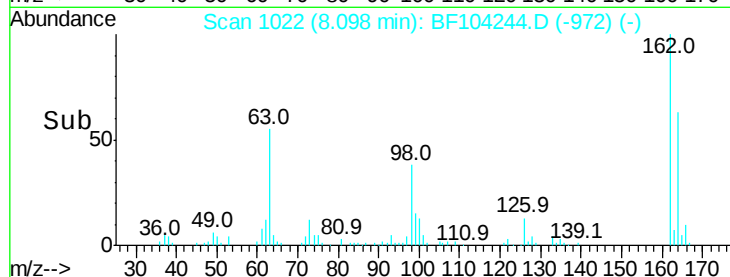
98 37.7 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 33.606 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

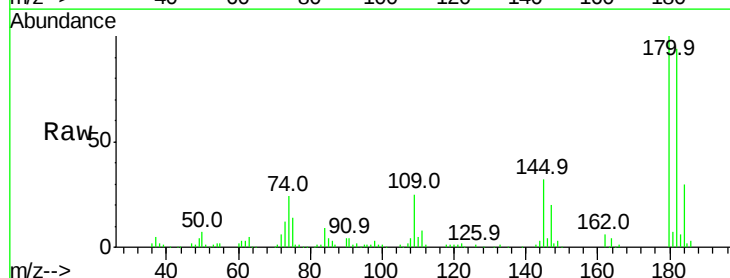
Tgt Ion:180 Resp: 239232

Ion Ratio Lower Upper

180 100

182 94.4 76.8 115.2

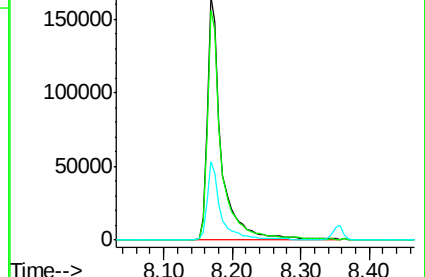
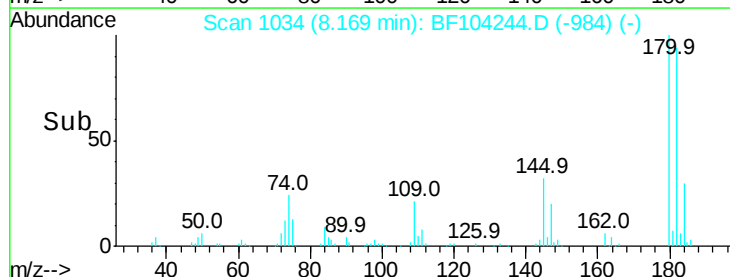
145 32.4 26.5 39.7

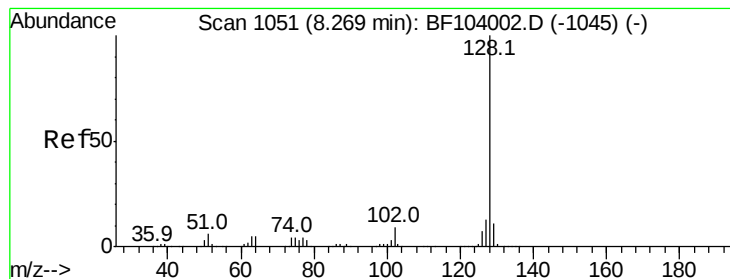


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.266 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampleId :

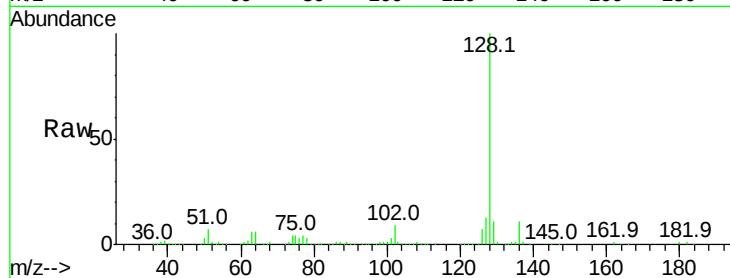
Tot Ion:128 Resp: 821669

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

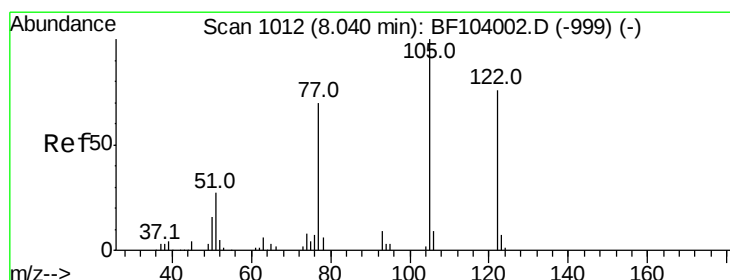
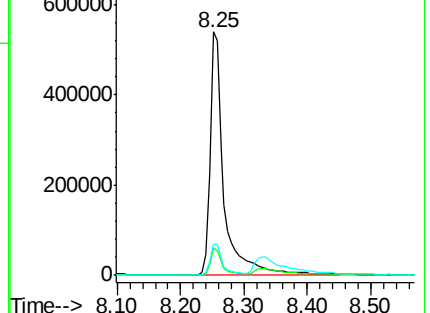
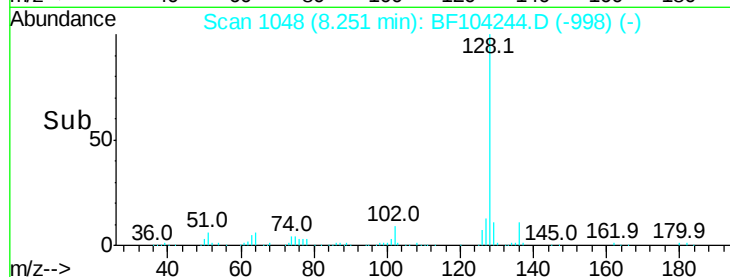
127 13.0 10.9 16.3



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: 7.801 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

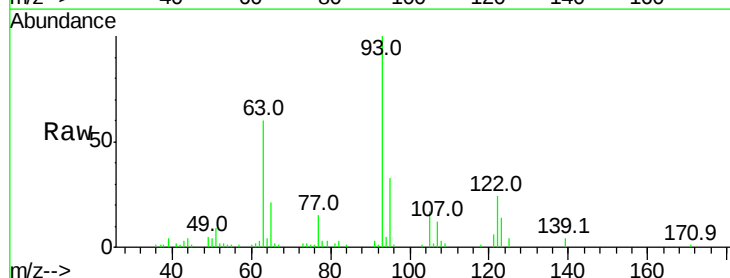
Tgt Ion:122 Resp: 34328

Ion Ratio Lower Upper

122 100

105 70.6 101.1 141.1#

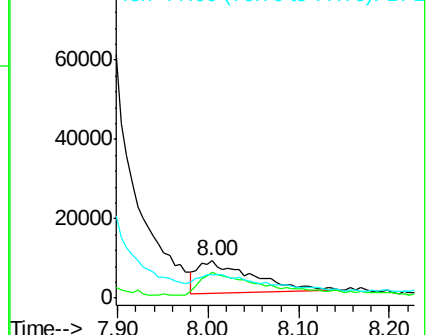
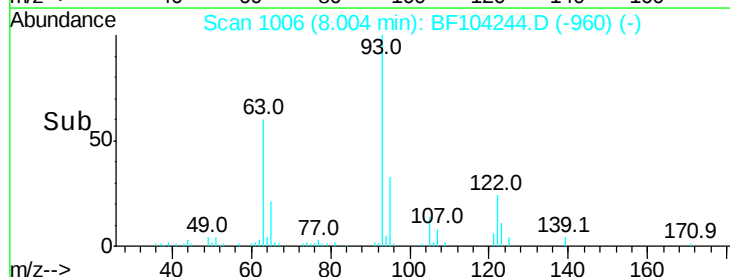
77 64.1 70.7 110.7#

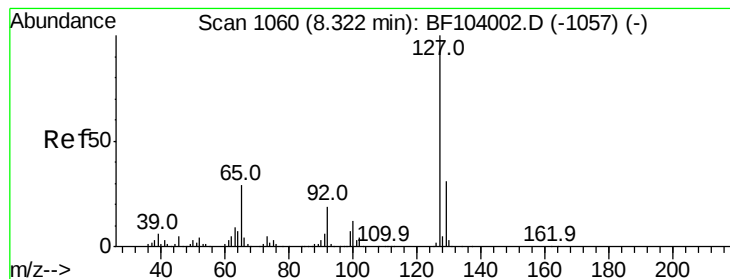


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 15.290 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 146047

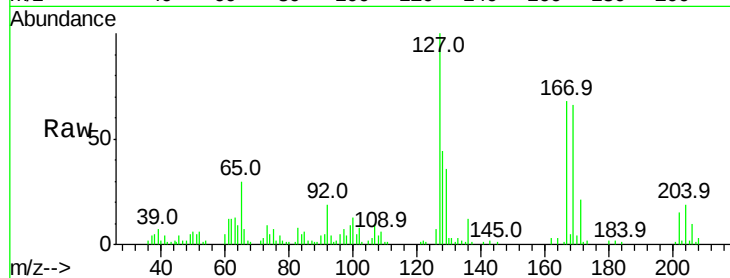
Ion Ratio Lower Upper

127 100

129 36.0 25.9 38.9

65 29.8 25.0 37.4

92 19.5 15.2 22.8

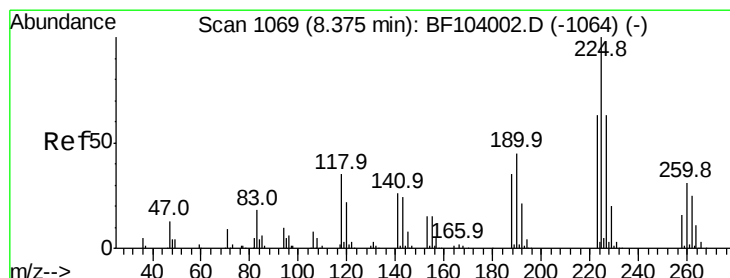
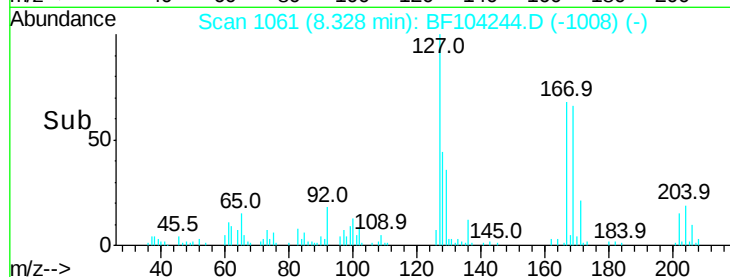
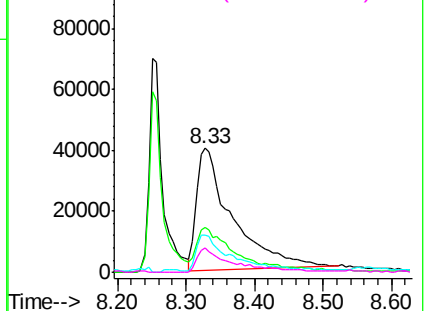


Abundance Ion 127.00 (126.70 to 127.70): E

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: 33.071 ng

RT: 8.36 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

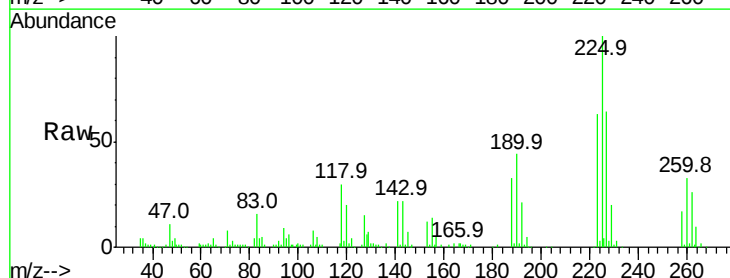
Tgt Ion:225 Resp: 128110

Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

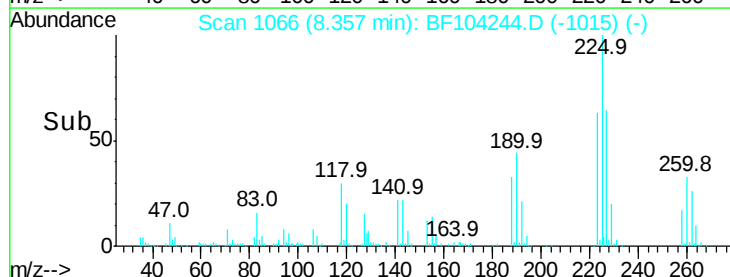
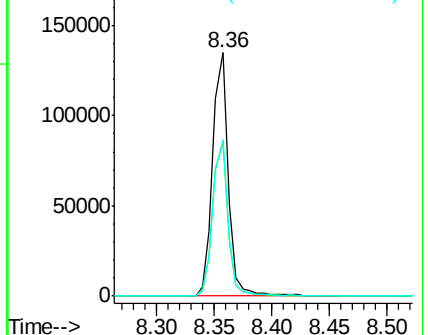
227 64.2 51.9 77.9

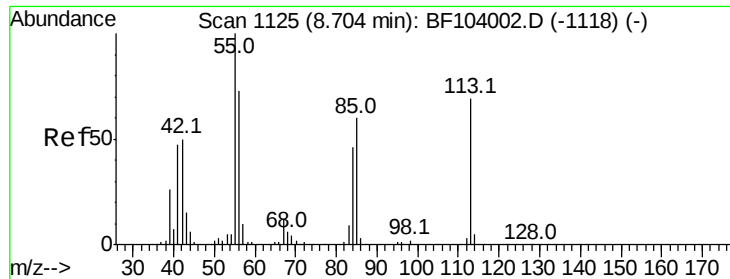


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.649 ng

RT: 8.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampleId :

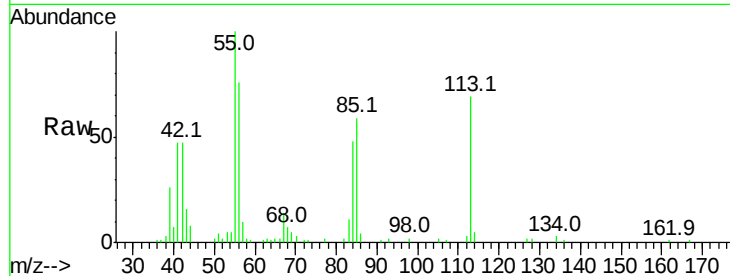
Tot Ion:113 Resp: 60974

Ion Ratio Lower Upper

113 100

55 144.5 163.3 203.3#

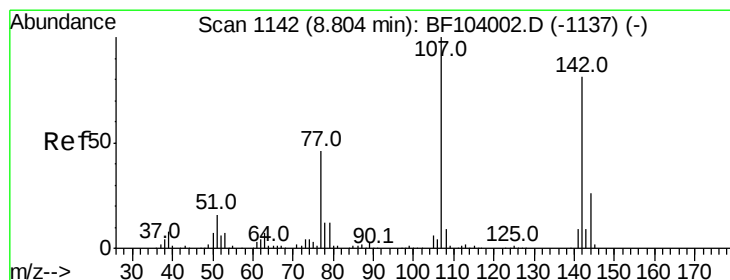
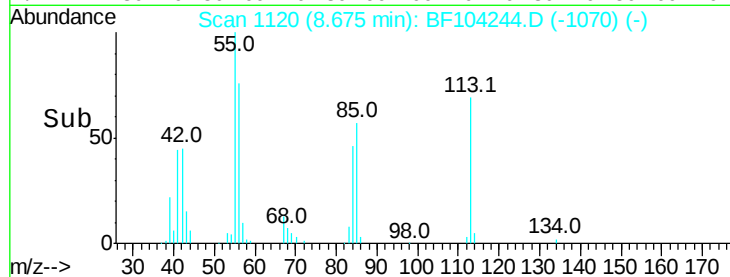
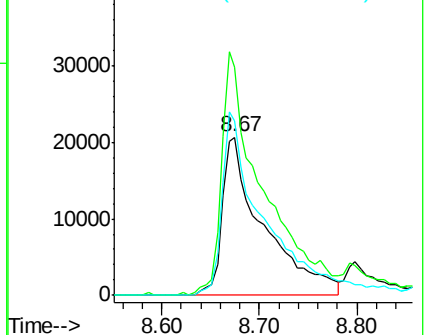
56 110.2 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 35.264 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

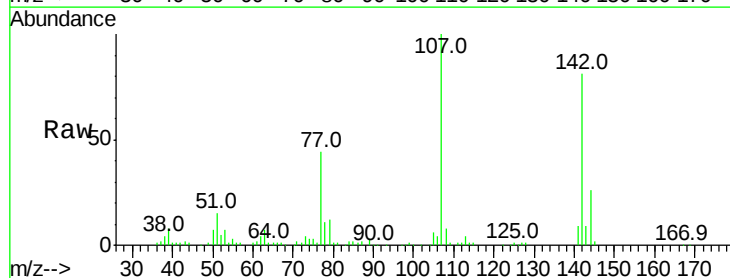
Tgt Ion:107 Resp: 234024

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

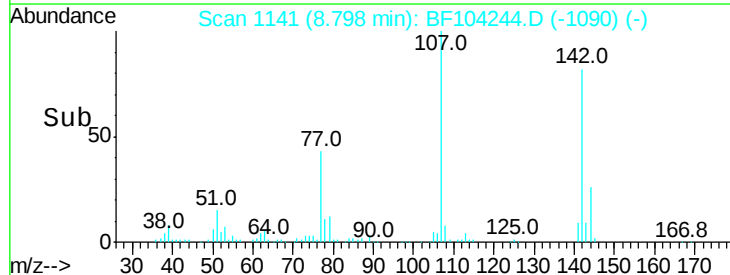
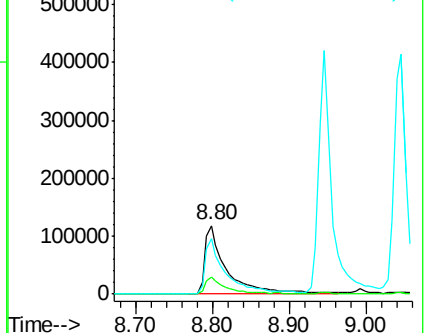
142 81.3 62.0 93.0

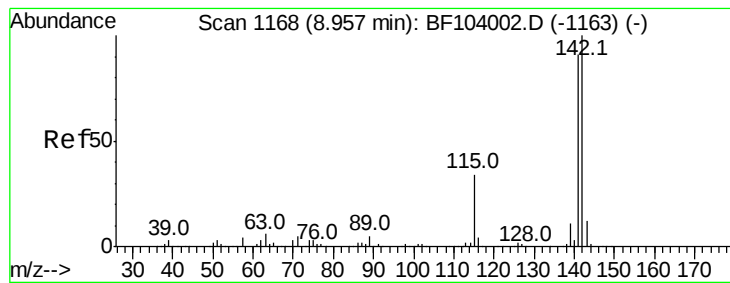


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

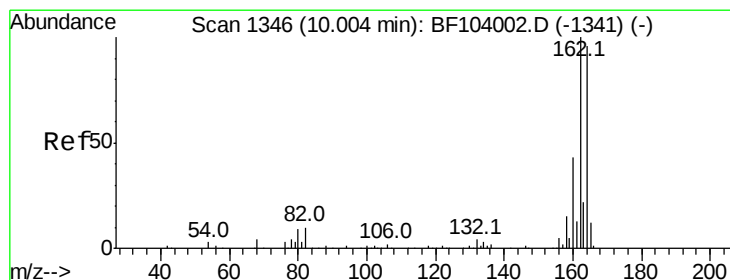
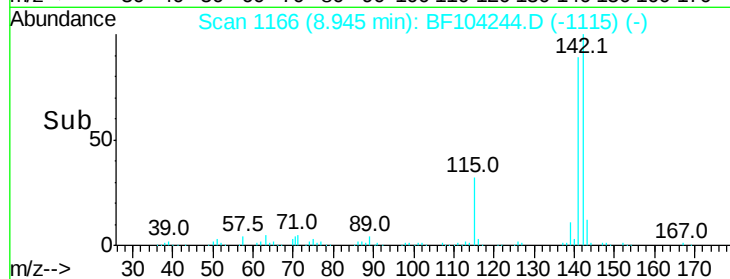
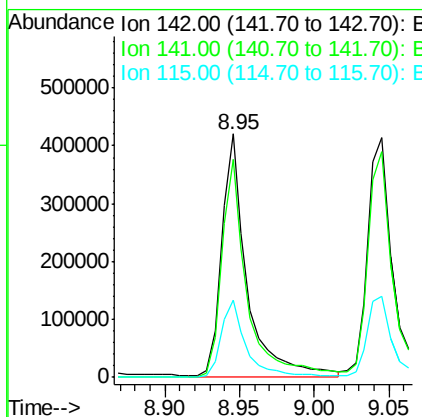
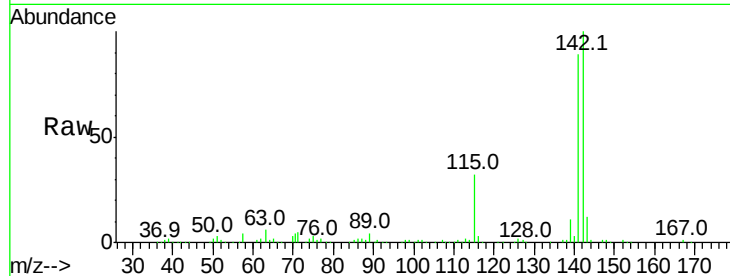




#37
 2-Methylnaphthalene
 Concen: 33.649 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

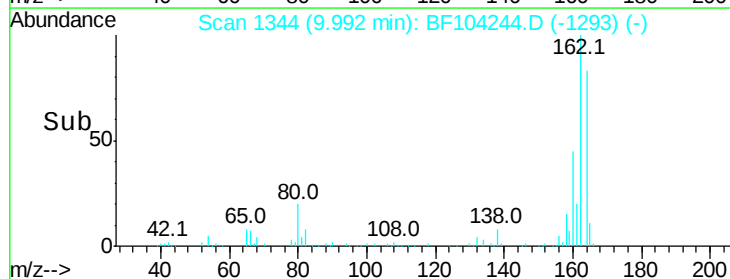
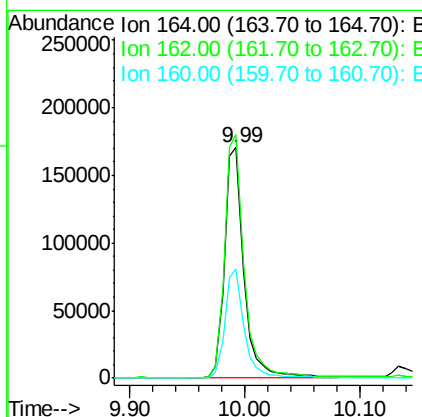
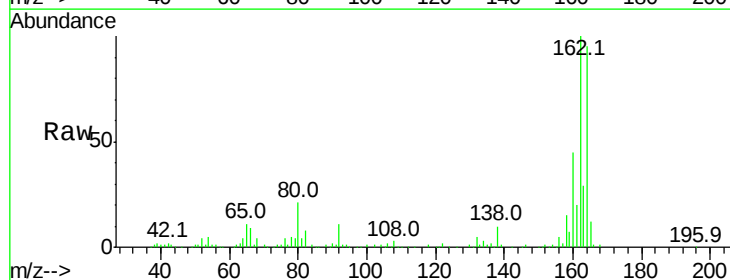
Instrument :
 BNA_F
 ClientSampled :

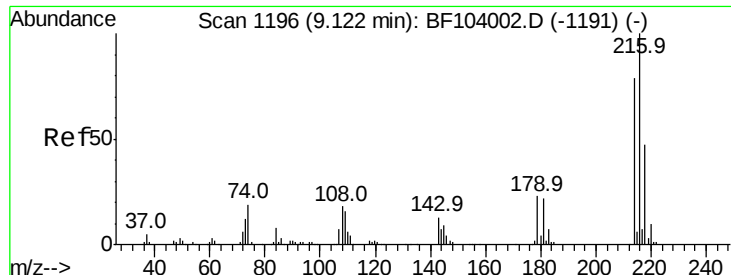
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	31.9	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	47.2	38.3	57.5

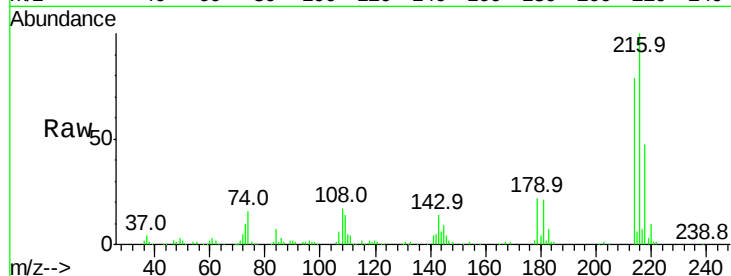




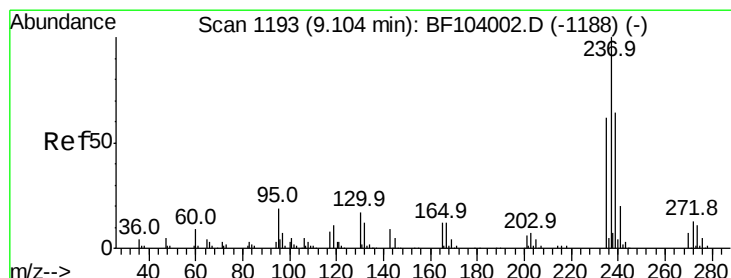
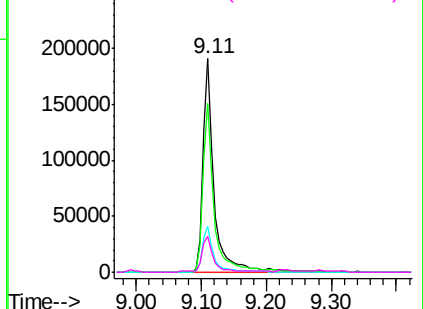
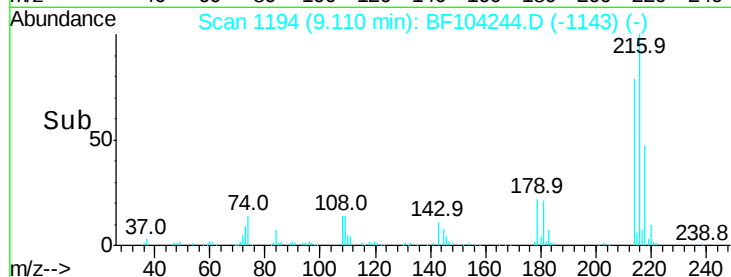
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.306 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	22.1	18.1	27.1
108	17.0	17.2	25.8#

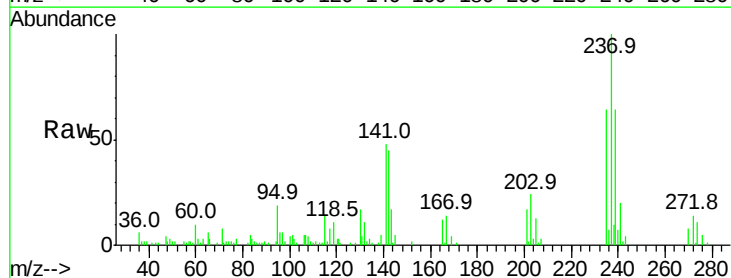


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

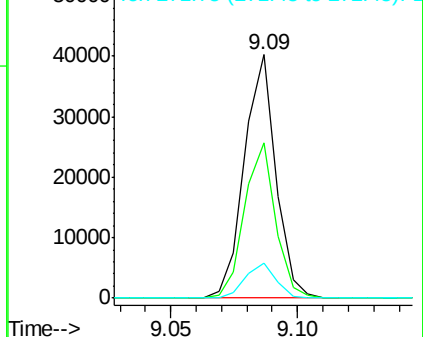
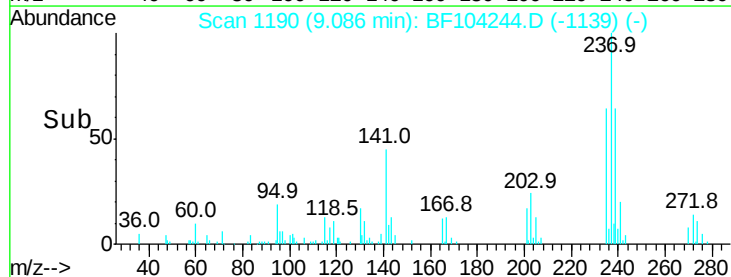


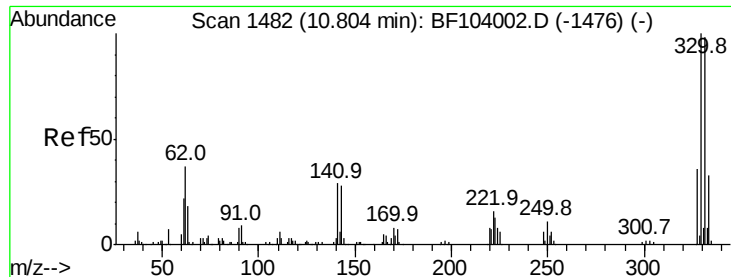
#40
 Hexachlorocyclopentadiene
 Concen: 16.621 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.8	44.8	84.8
272	14.4	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: 93.582 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampled :

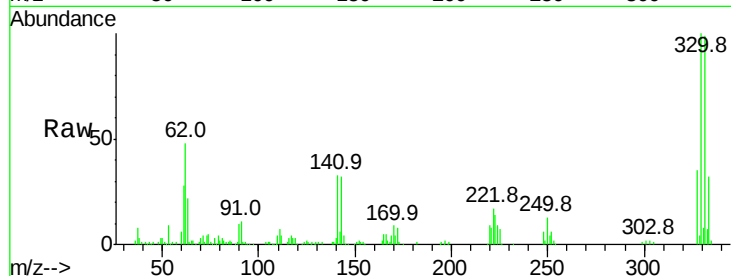
Tot Ion:330 Resp: 208590

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

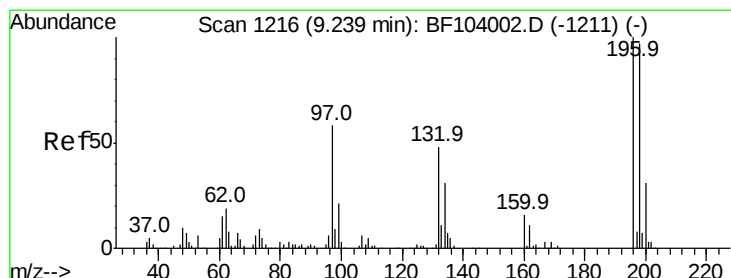
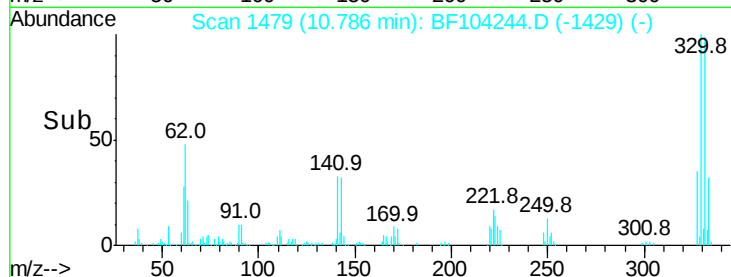
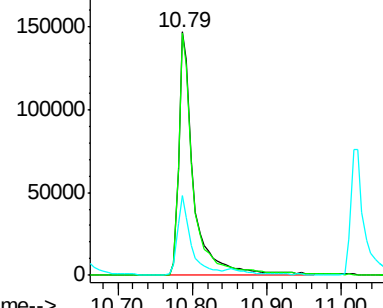
141 28.8 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 33.920 ng

RT: 9.23 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

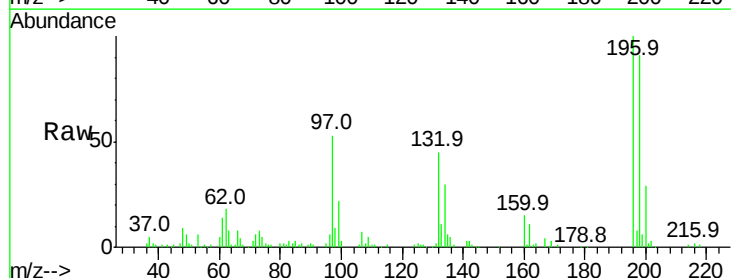
Tgt Ion:196 Resp: 131846

Ion Ratio Lower Upper

196 100

198 90.8 75.7 113.5

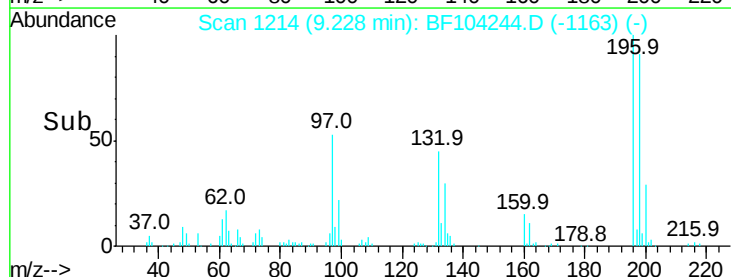
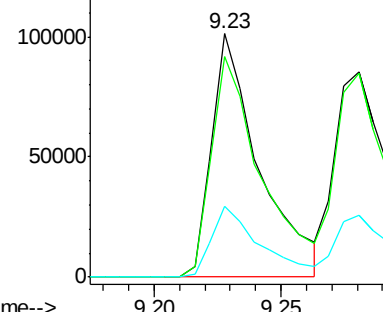
200 29.2 24.5 36.7

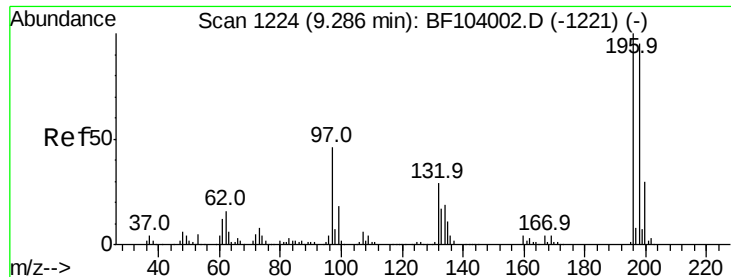


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

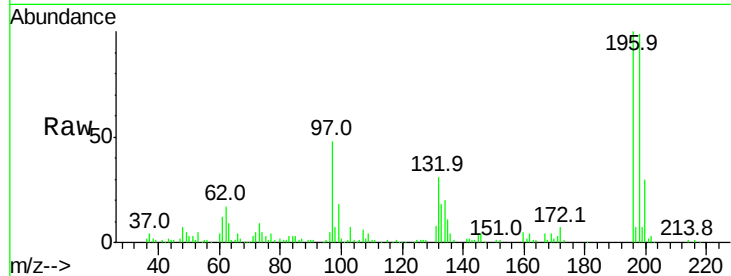




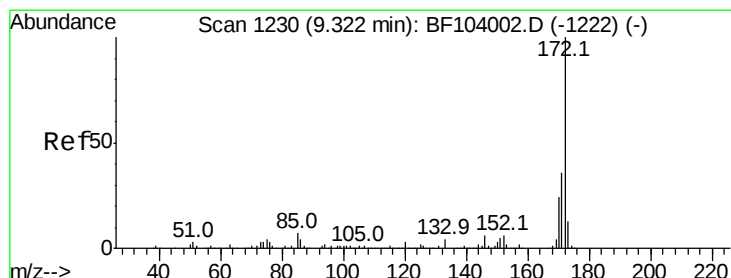
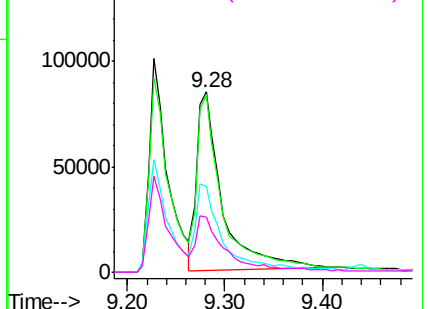
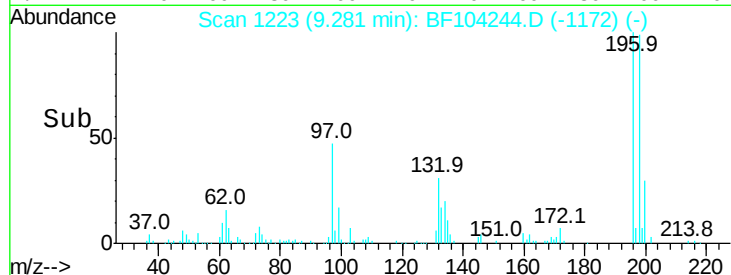
#43
 2,4,5-Trichlorophenol
 Concen: 33.132 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 155497
 Ion Ratio Lower Upper
 196 100
 198 98.9 74.6 112.0
 97 47.5 42.9 64.3
 132 30.8 26.3 39.5

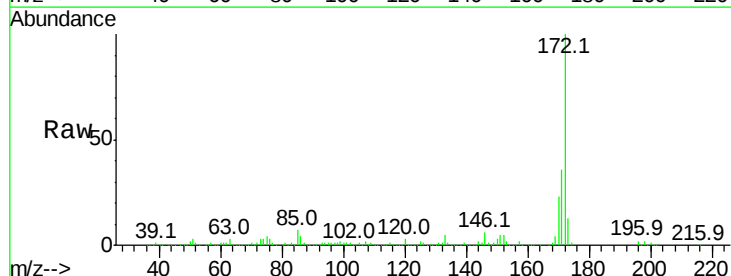


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

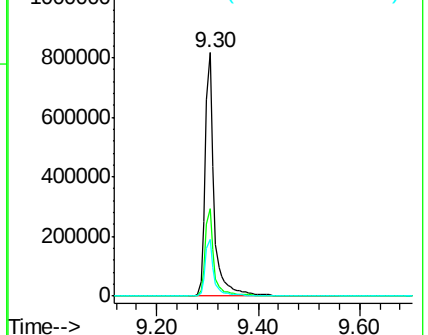
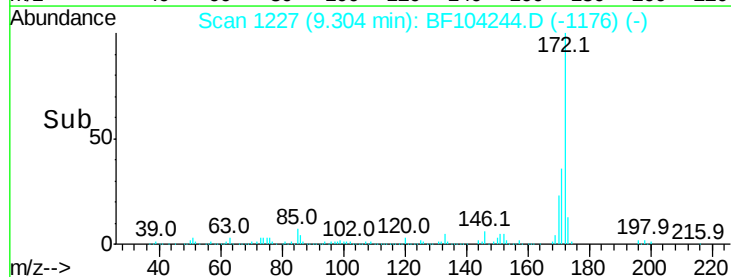


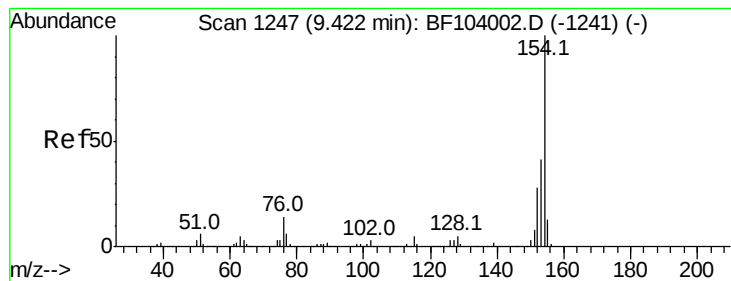
#44
 2-Fluorobiphenyl
 Concen: 79.464 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

Tgt Ion:172 Resp: 1008723
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.5 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: 36.611 ng

RT: 9.41 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampleId :

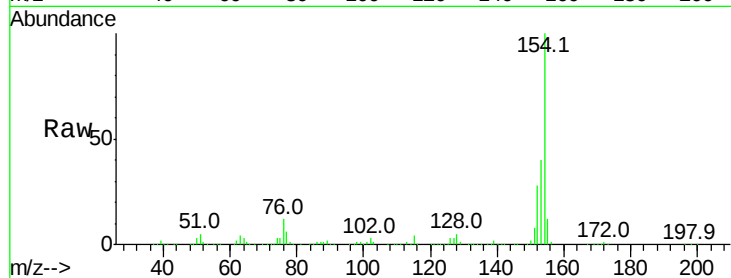
Tot Ion:154 Resp: 629004

Ion Ratio Lower Upper

154 100

153 40.2 21.3 61.3

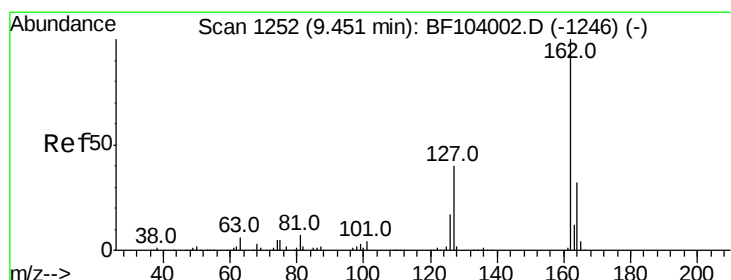
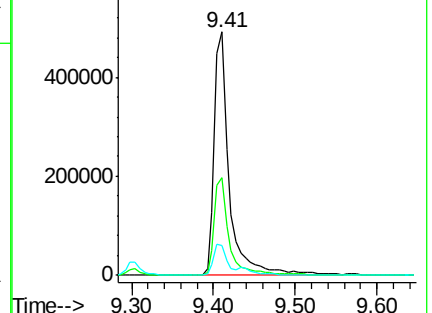
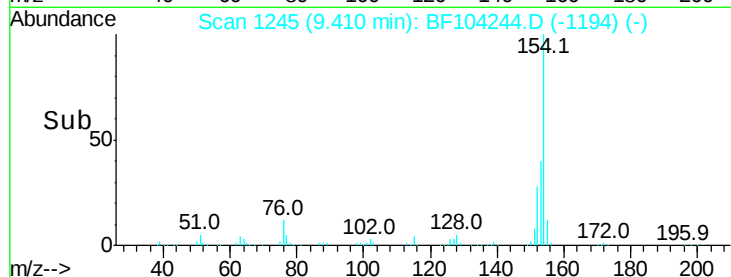
76 12.0 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 35.635 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

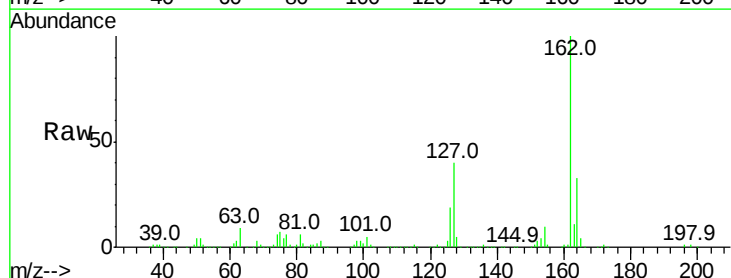
Tgt Ion:162 Resp: 482933

Ion Ratio Lower Upper

162 100

127 40.0 33.9 50.9

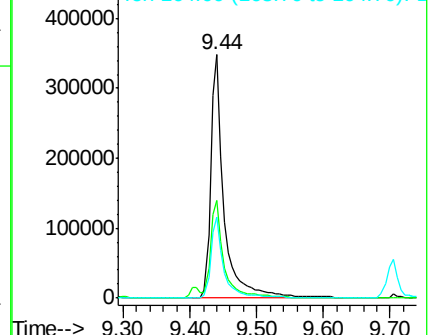
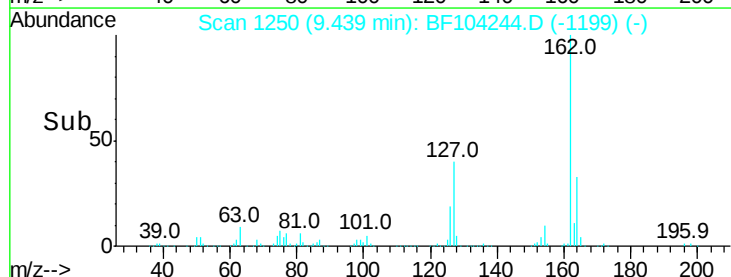
164 33.1 26.5 39.7

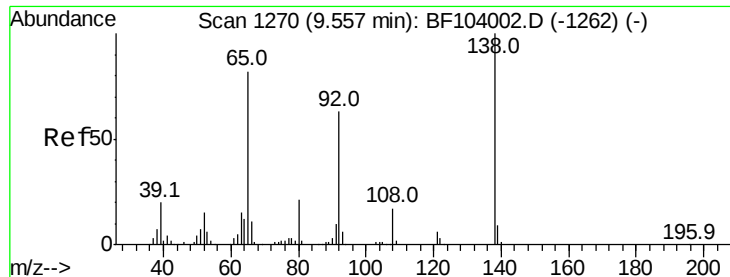


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.417 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampled :

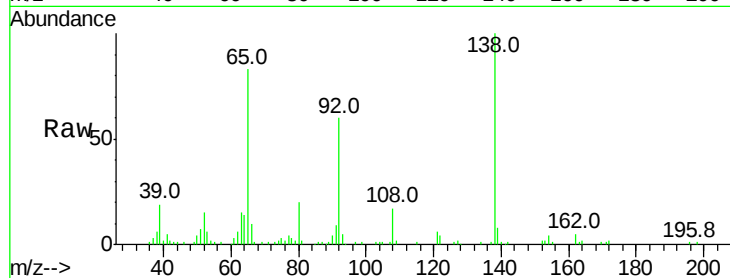
Tot Ion: 65 Resp: 132999

Ion Ratio Lower Upper

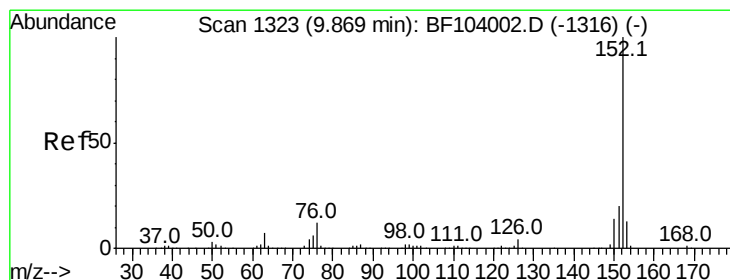
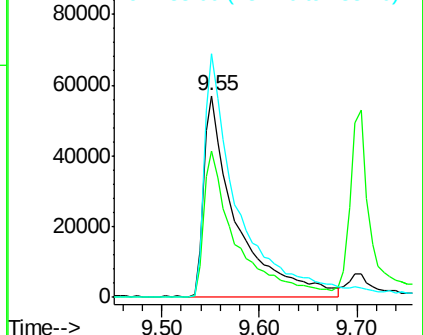
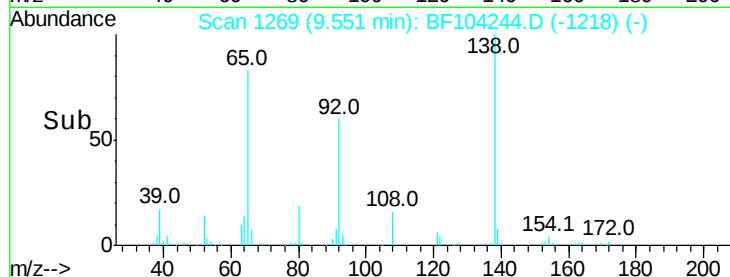
65 100

92 72.6 55.8 83.6

138 120.6 91.2 136.8



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



#48

Acenaphthylene

Concen: 34.242 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

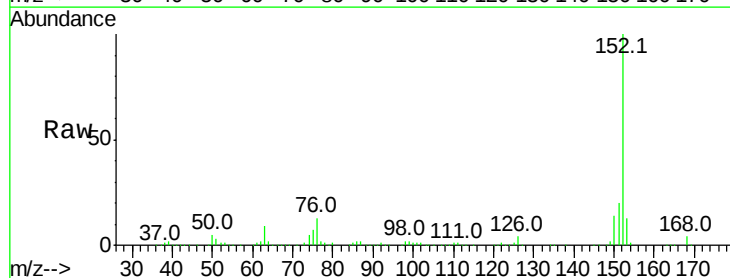
Tgt Ion: 152 Resp: 703032

Ion Ratio Lower Upper

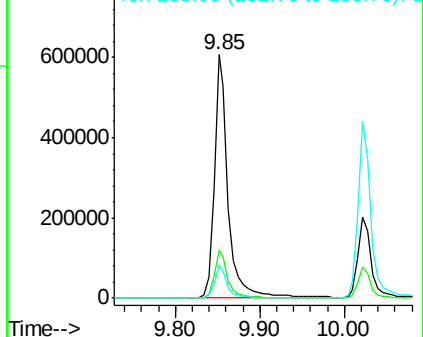
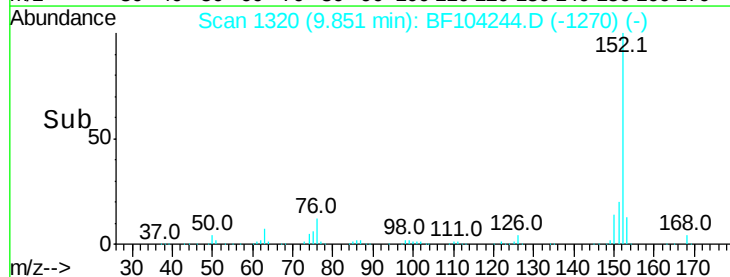
152 100

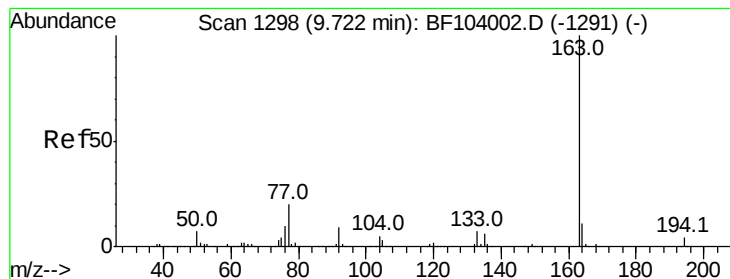
151 19.9 16.3 24.5

153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 40.760 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampleId :

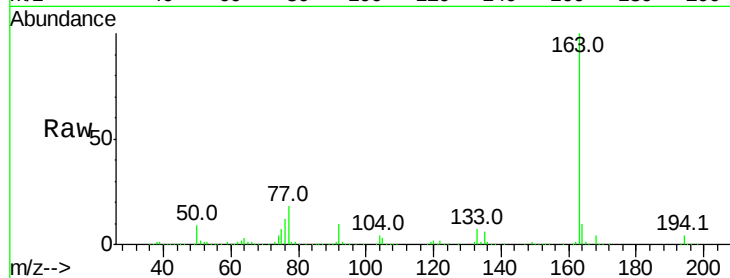
Tot Ion:163 Resp: 644189

Ion Ratio Lower Upper

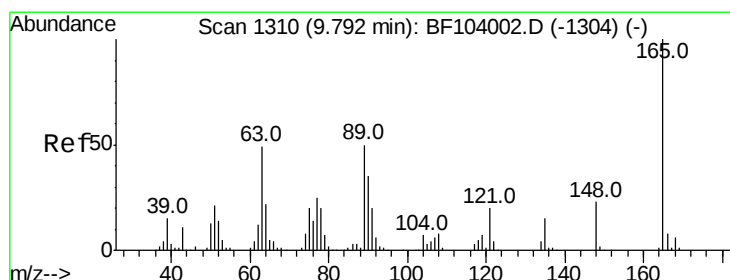
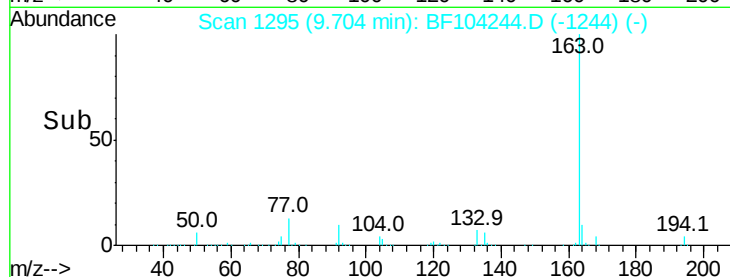
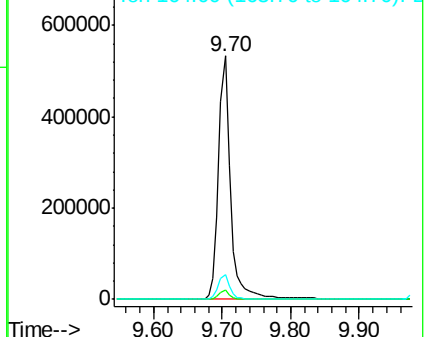
163 100

194 3.7 2.7 4.1

164 10.2 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: 35.237 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

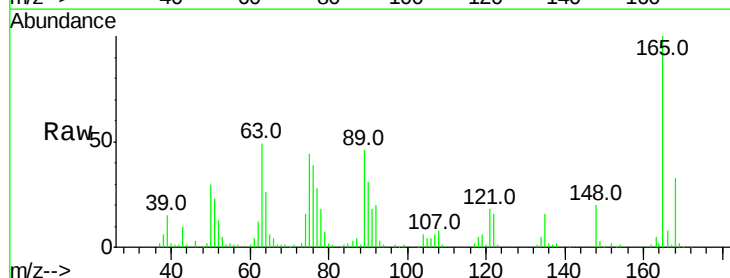
Tgt Ion:165 Resp: 119814

Ion Ratio Lower Upper

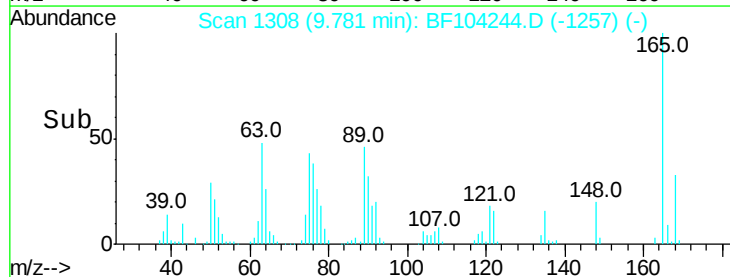
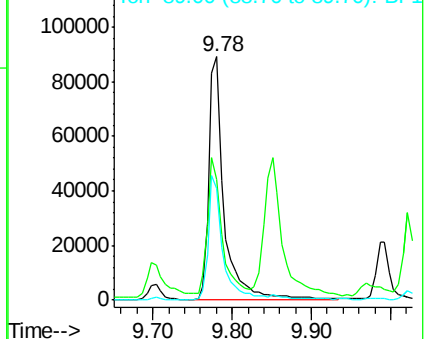
165 100

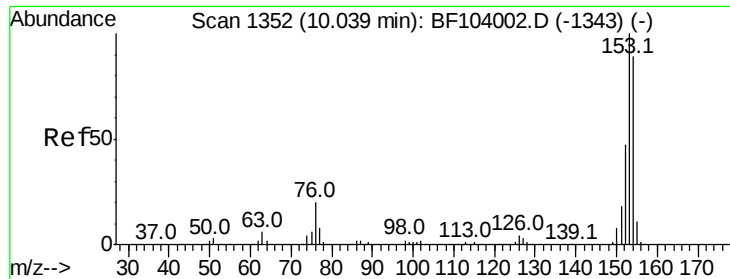
63 49.5 44.7 67.1

89 45.7 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: 35.367 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampleId :

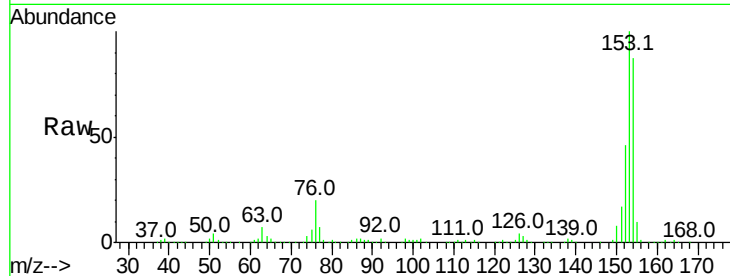
Tot Ion:154 Resp: 420060

Ion Ratio Lower Upper

154 100

153 115.3 91.2 136.8

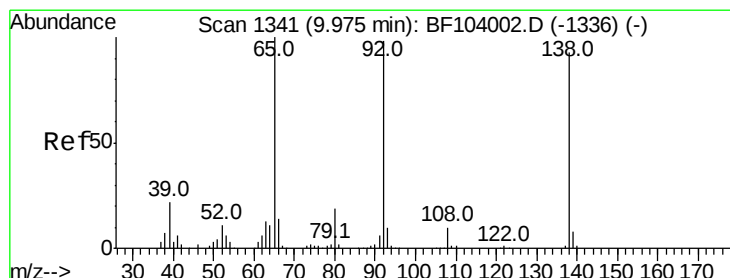
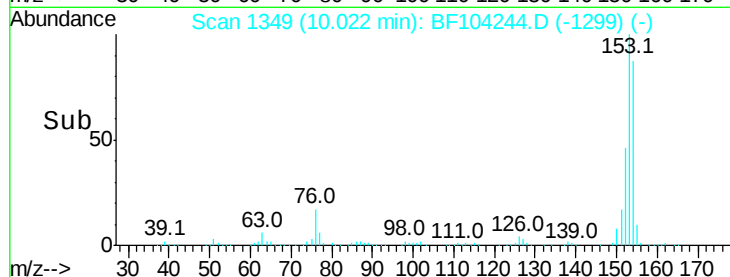
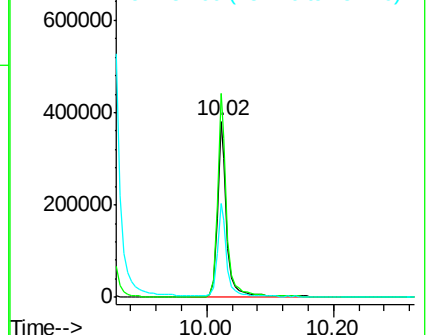
152 53.2 43.8 65.8



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: 24.016 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

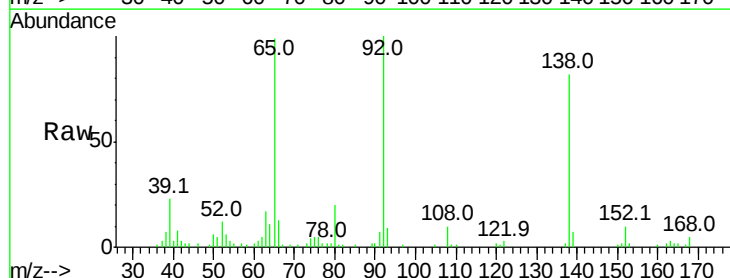
Tgt Ion:138 Resp: 93872

Ion Ratio Lower Upper

138 100

108 12.5 9.4 14.0

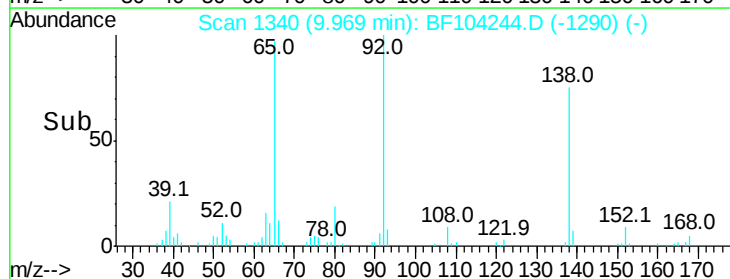
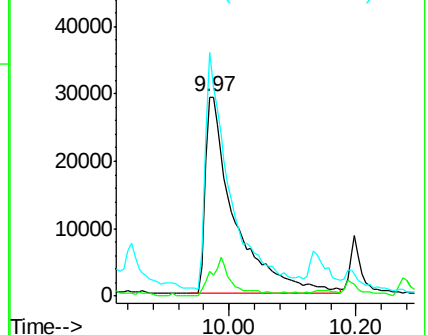
92 122.3 89.4 134.2

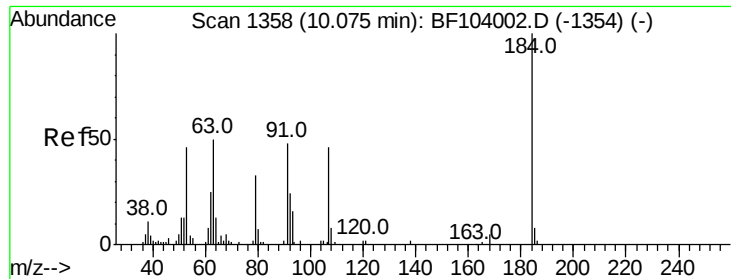


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

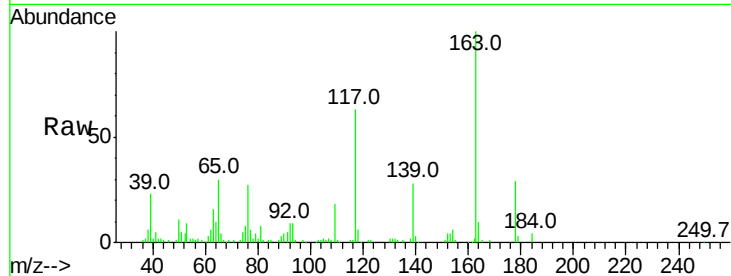




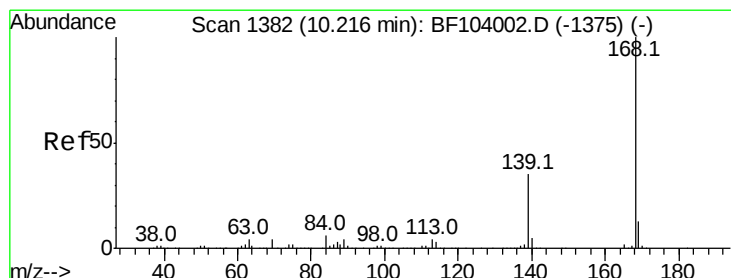
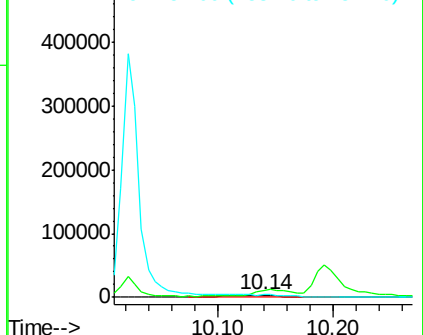
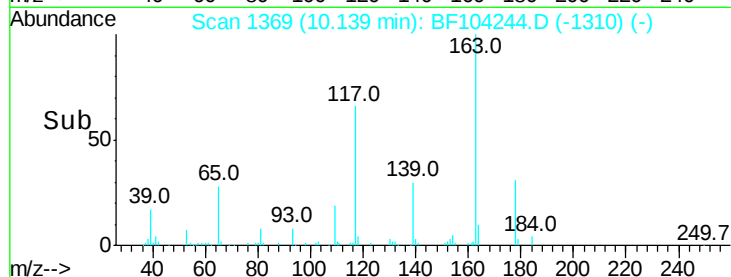
#53
2,4-Dinitrophenol
Concen: 12.153 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.05 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 10500
Ion Ratio Lower Upper
184 100
63 382.3 54.2 81.2#
154 133.8 184.0 276.0#

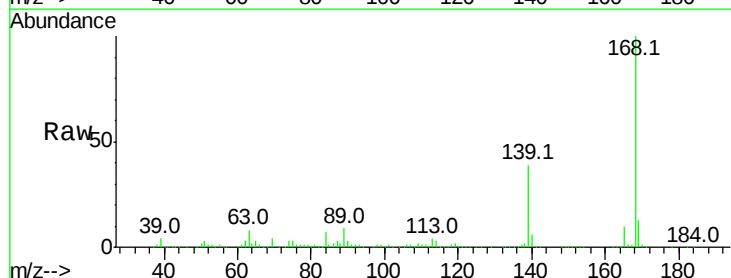


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

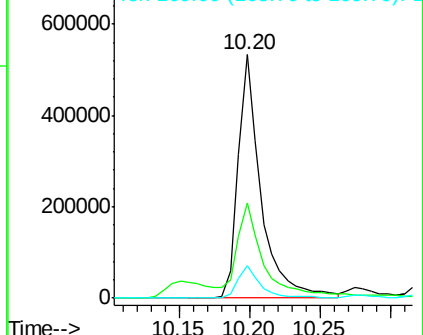
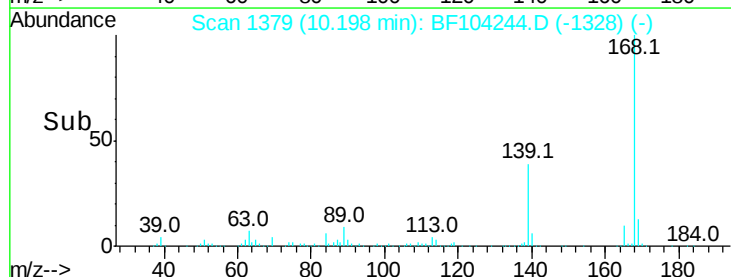


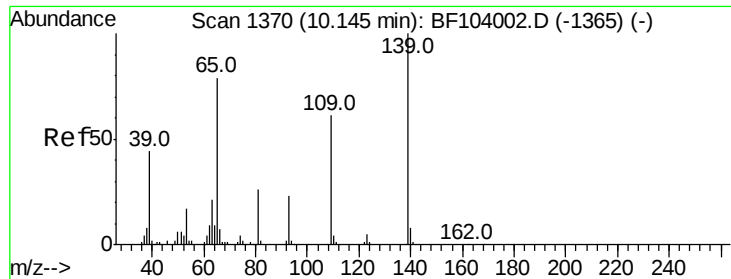
#54
Dibenzofuran
Concen: 34.751 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Tgt Ion:168 Resp: 602733
Ion Ratio Lower Upper
168 100
139 39.2 30.1 45.1
169 13.4 10.9 16.3



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





#55

4-Nitrophenol

Concen: 34.172 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampled :

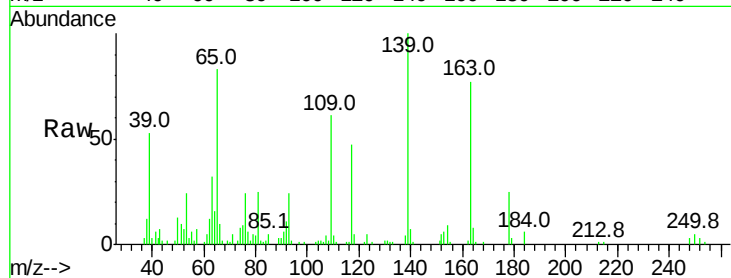
Tot Ion:139 Resp: 80087

Ion Ratio Lower Upper

139 100

109 60.6 48.4 88.4

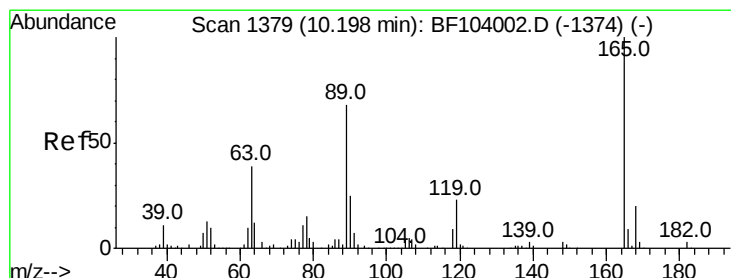
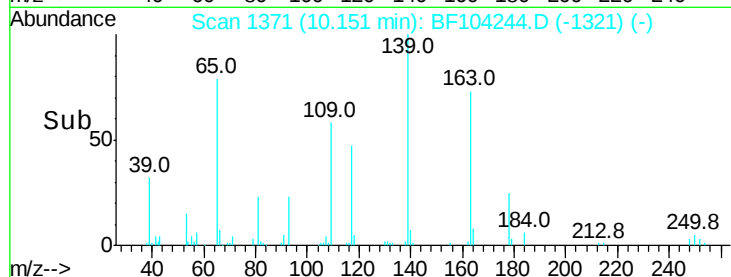
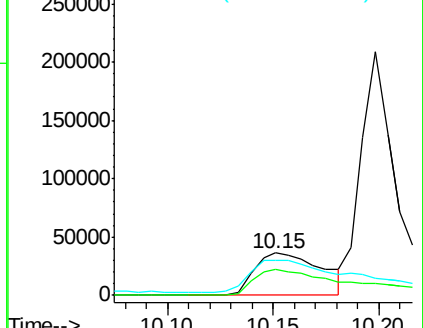
65 83.3 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 32.700 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Tgt Ion:165 Resp: 141878

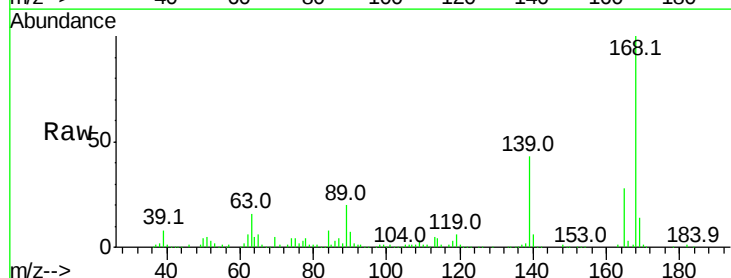
Ion Ratio Lower Upper

165 100

63 56.4 36.4 54.6#

89 70.8 57.8 86.6

182 2.5 1.6 2.4#

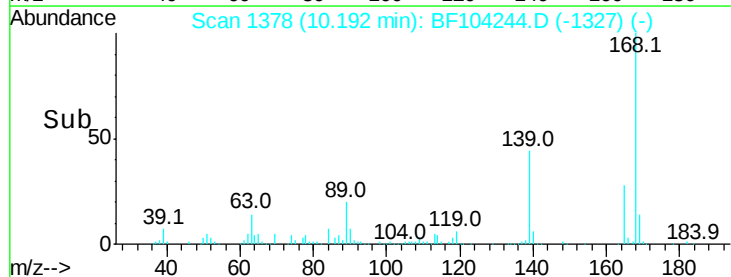
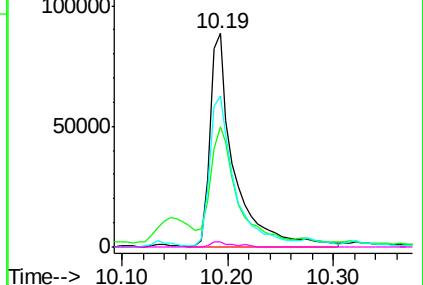


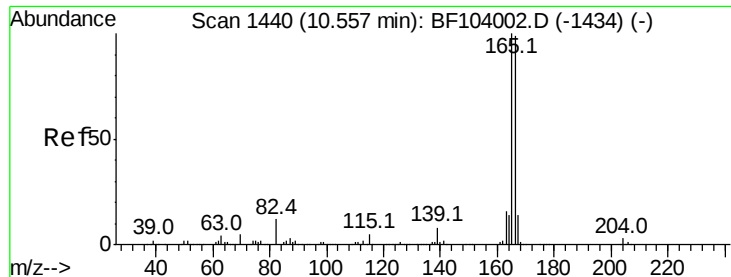
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 33.139 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampleId :

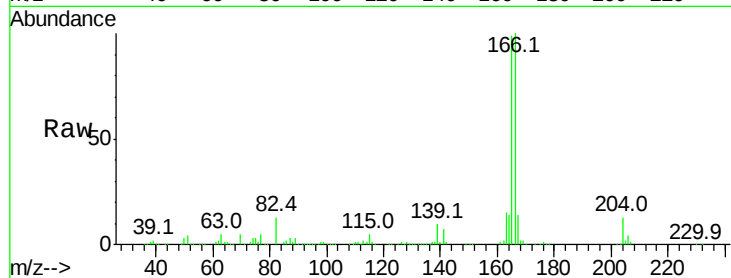
Tot Ion:166 Resp: 474120

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

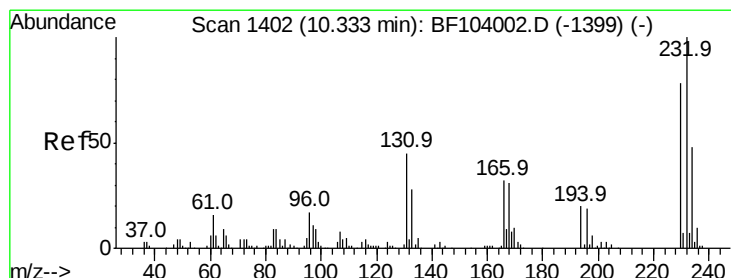
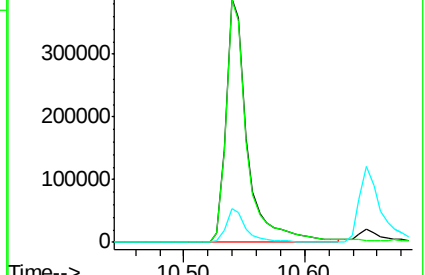
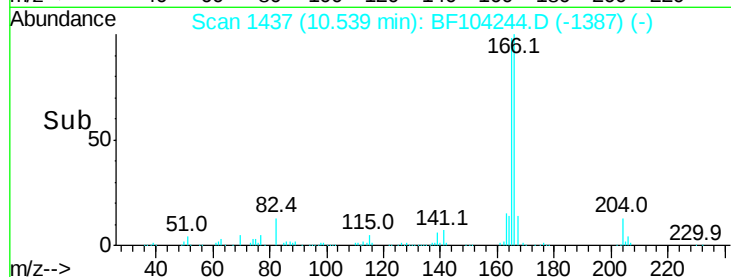
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 34.122 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Tgt Ion:232 Resp: 119981

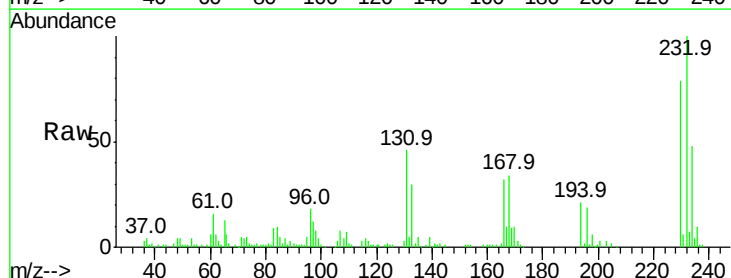
Ion Ratio Lower Upper

232 100

131 40.4 43.8 65.8#

130 2.4 2.1 3.1

166 27.5 27.8 41.6#

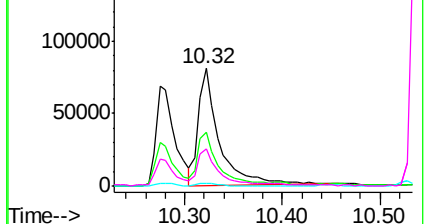
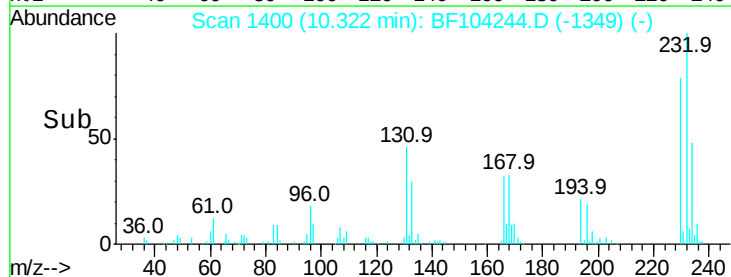


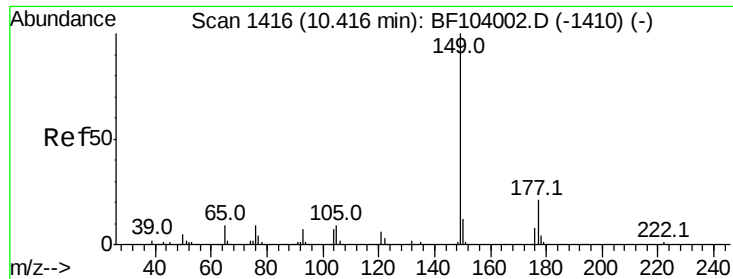
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

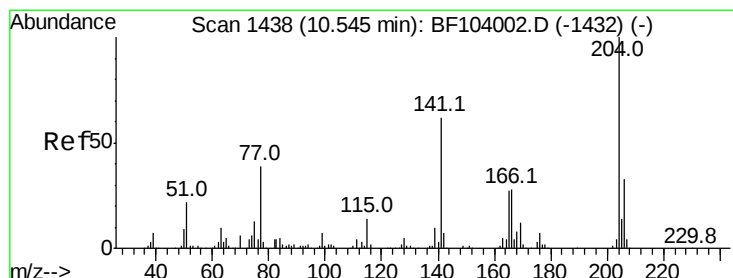
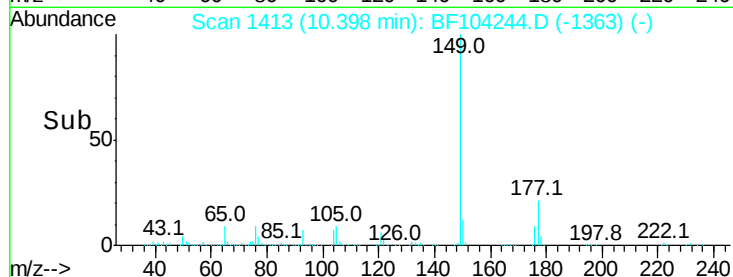
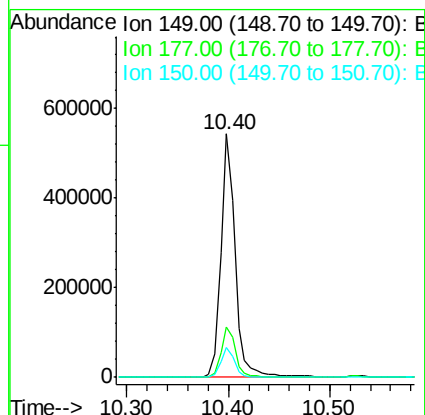
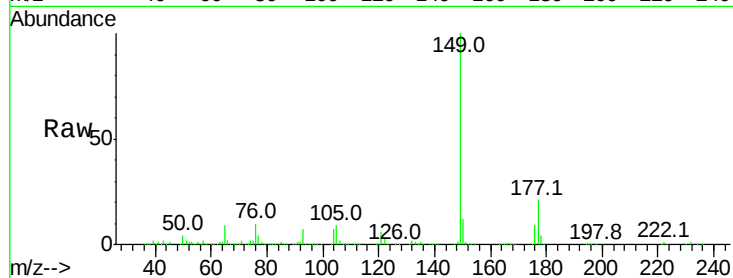




#59
Diethylphthalate
Concen: 35.307 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

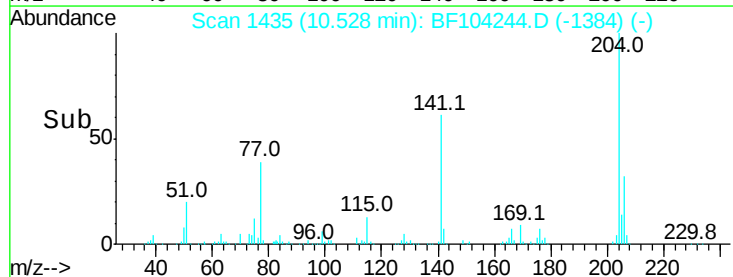
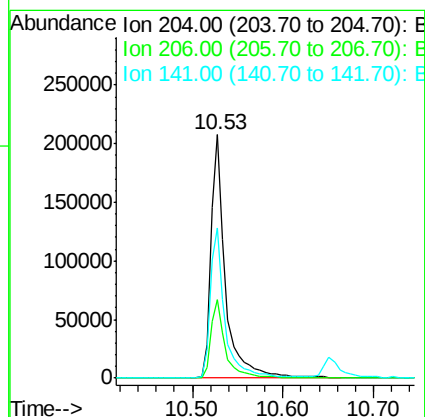
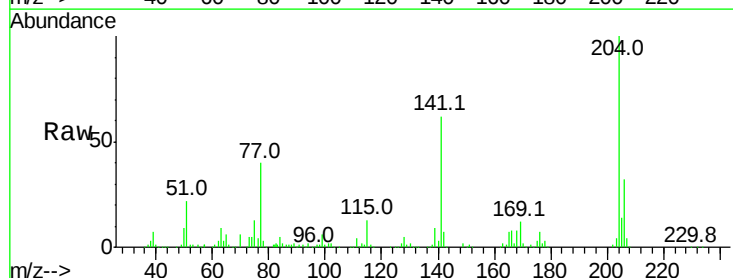
Instrument :
BNA_F
ClientSampleId :

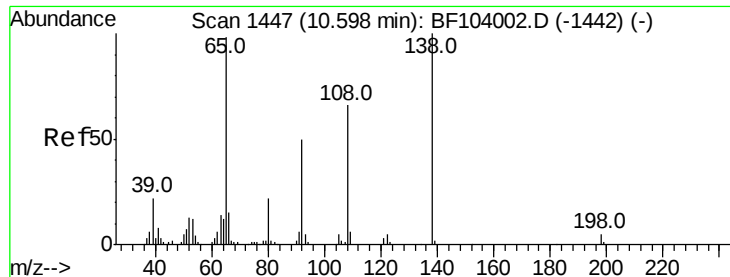
Tot Ion:149 Resp: 534570
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 35.841 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Tgt Ion:204 Resp: 235516
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 61.7 54.6 81.8

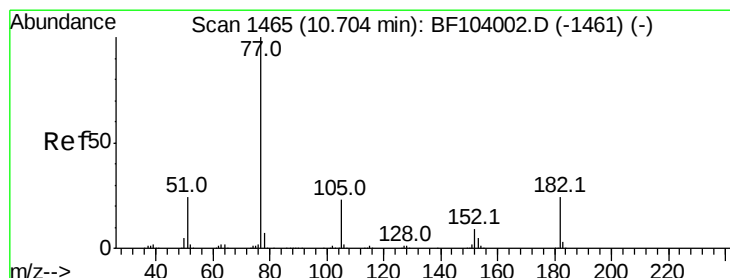
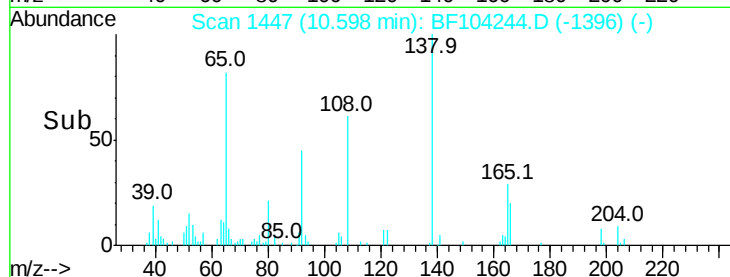
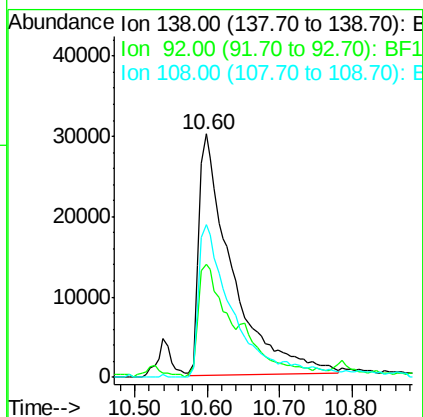
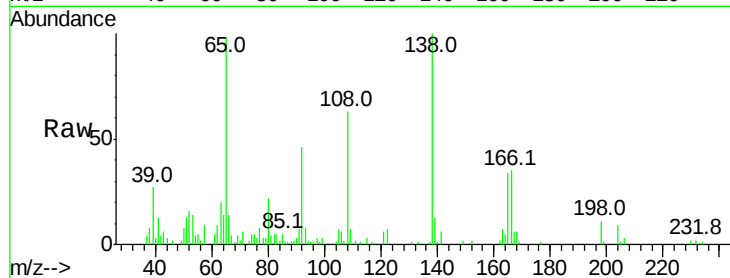




#61
4-Nitroaniline
Concen: 26.210 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

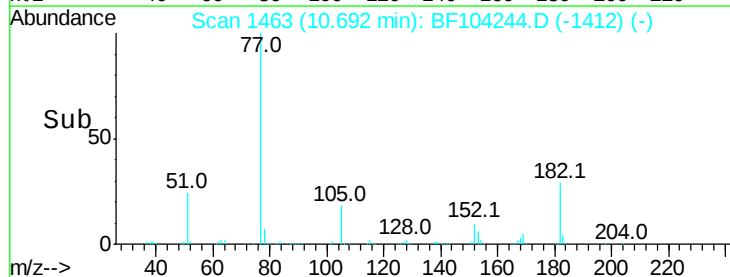
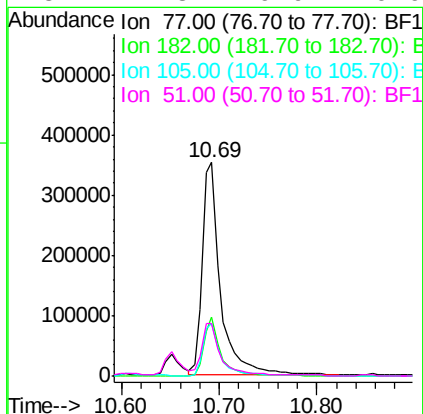
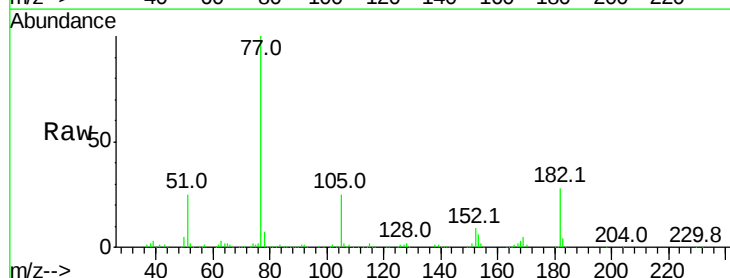
Instrument :
BNA_F
ClientSampleId :

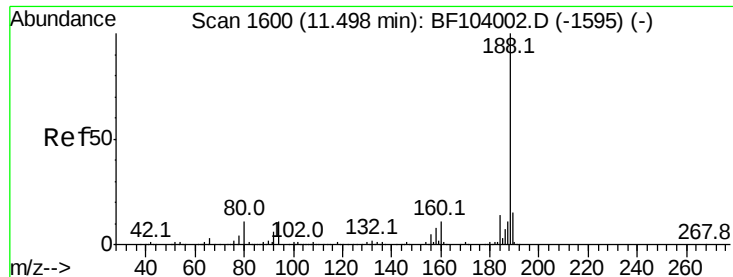
Tot Ion:138 Resp: 95860
Ion Ratio Lower Upper
138 100
92 46.3 30.2 70.2
108 63.0 52.5 92.5



#62
Azobenzene
Concen: 33.106 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Tgt Ion: 77 Resp: 453244
Ion Ratio Lower Upper
77 100
182 27.6 1.7 41.7
105 24.7 3.0 43.0
51 24.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampleId :

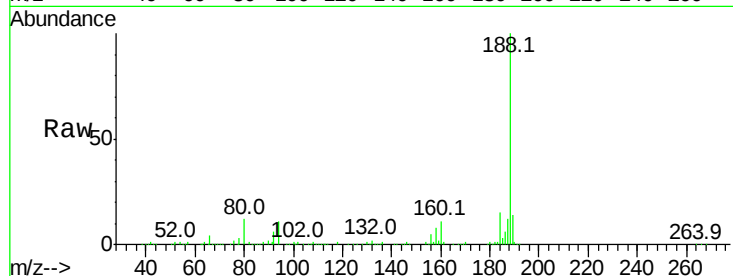
Tot Ion:188 Resp: 310822

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

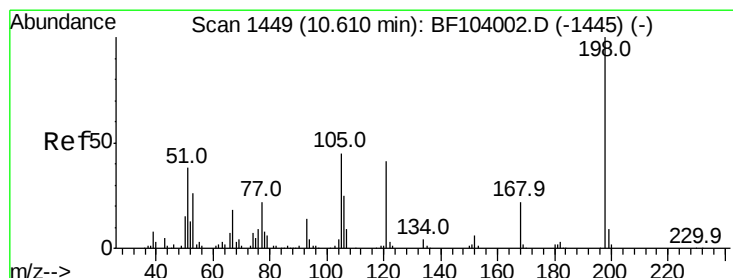
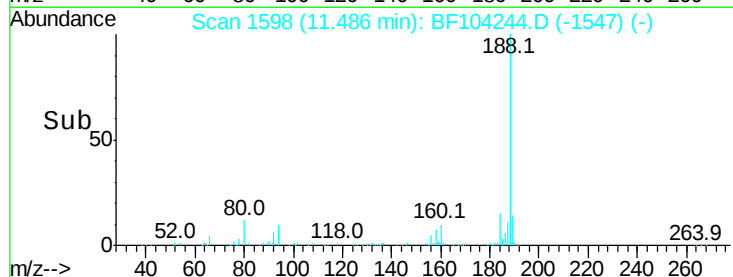
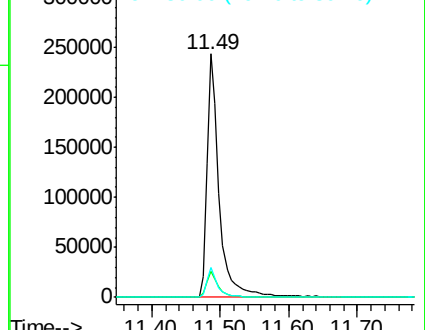
80 12.2 9.2 13.8



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: 8.291 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

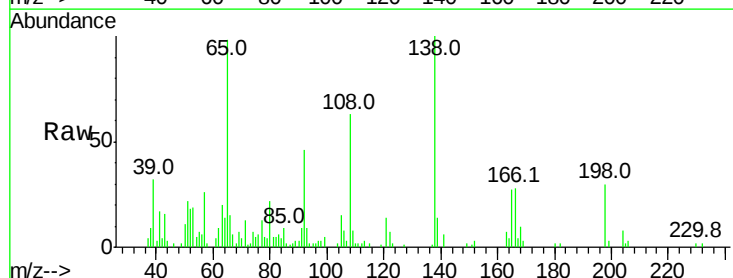
Tgt Ion:198 Resp: 15599

Ion Ratio Lower Upper

198 100

51 74.8 37.7 77.7

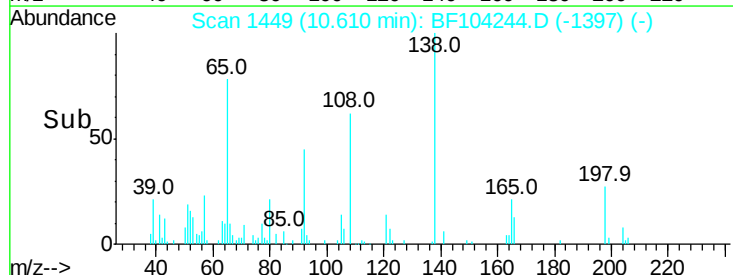
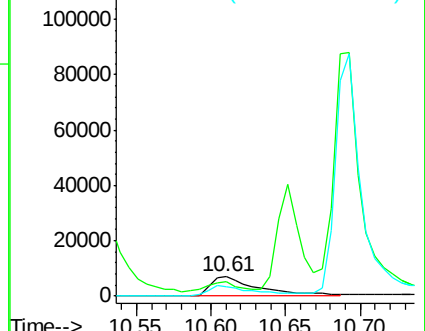
105 49.9 36.3 76.3

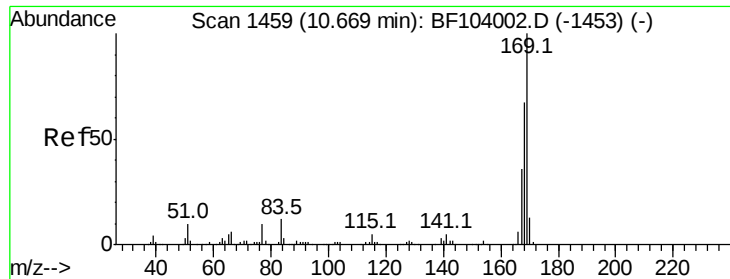


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

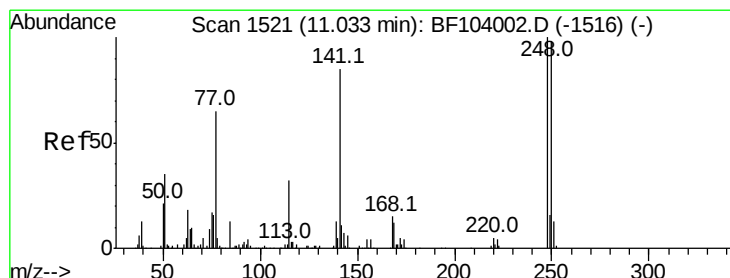
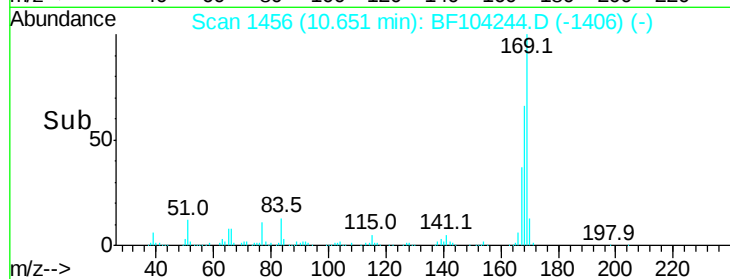
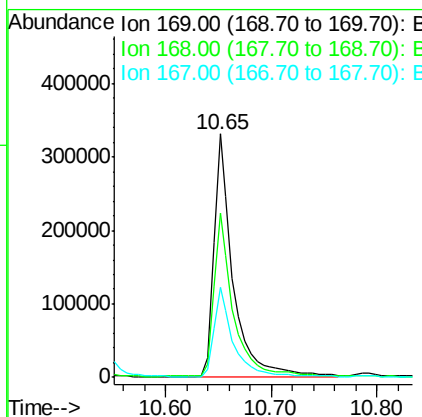
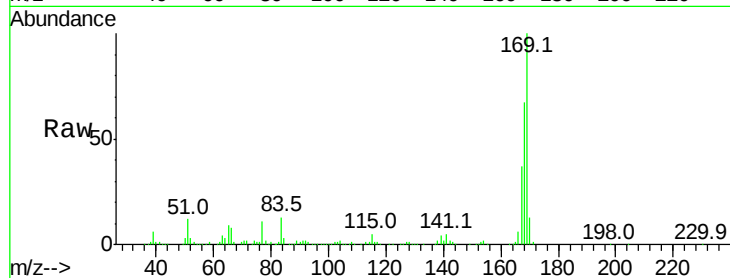




#65
 n-Nitrosodiphenylamine
 Concen: 40.104 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

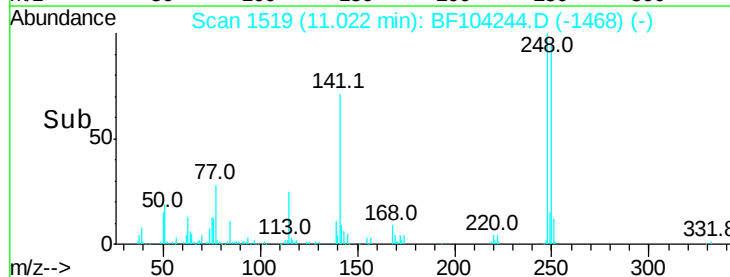
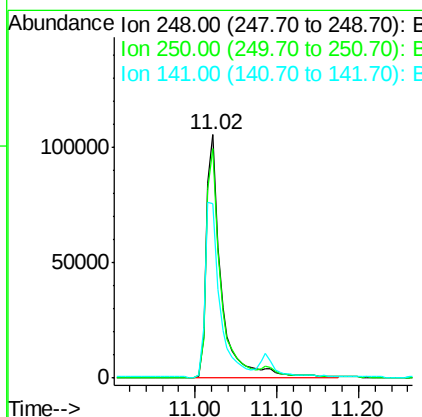
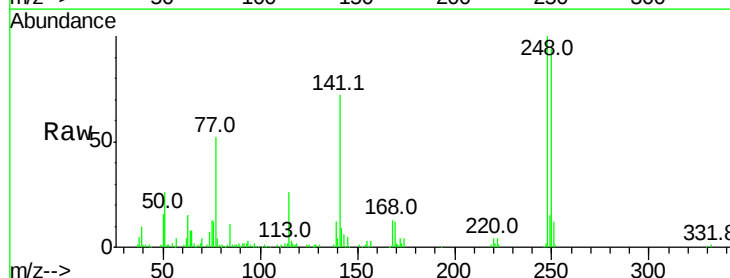
Instrument :
 BNA_F
 ClientSampleId :

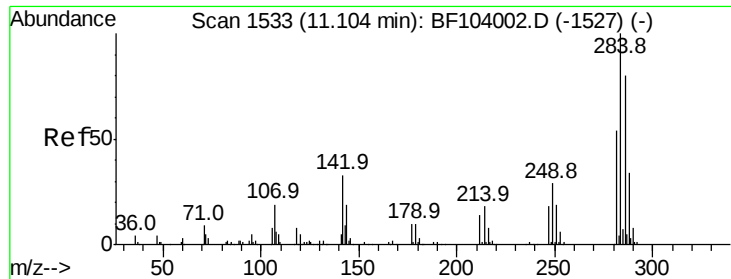
Tot Ion:169 Resp: 422159
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.4 81.6
 167 36.7 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 40.592 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

Tgt Ion:248 Resp: 134982
 Ion Ratio Lower Upper
 248 100
 250 94.4 76.9 115.3
 141 71.8 74.4 111.6#

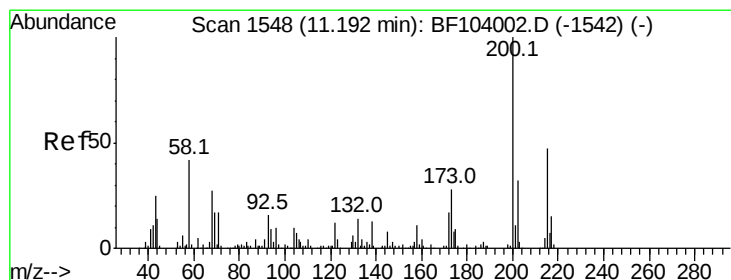
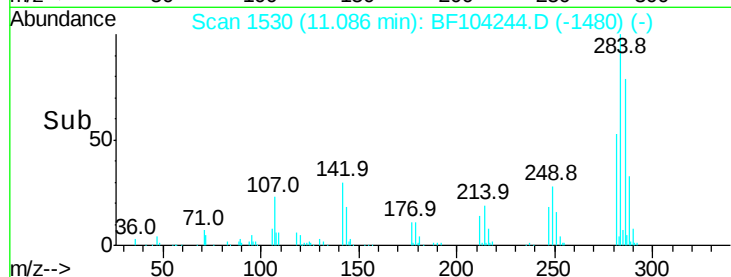
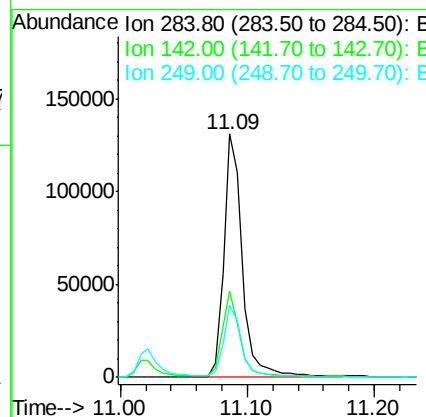
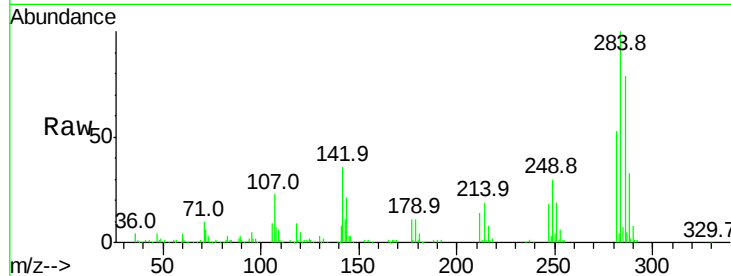




#67
Hexachlorobenzene
Concen: 35.264 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

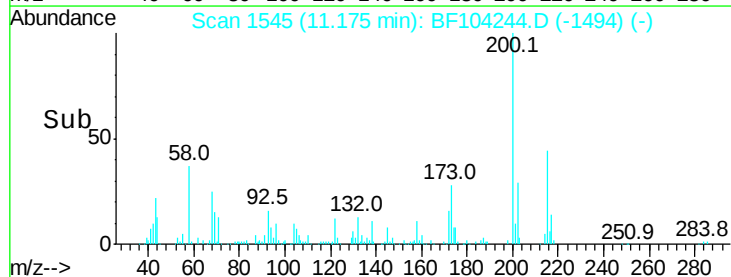
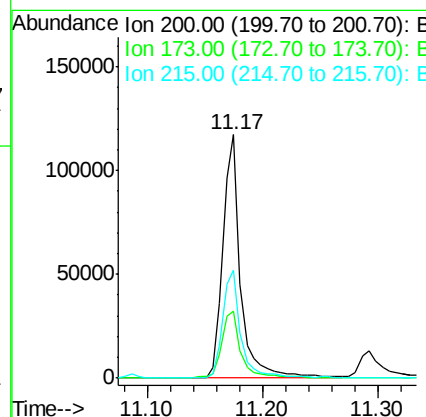
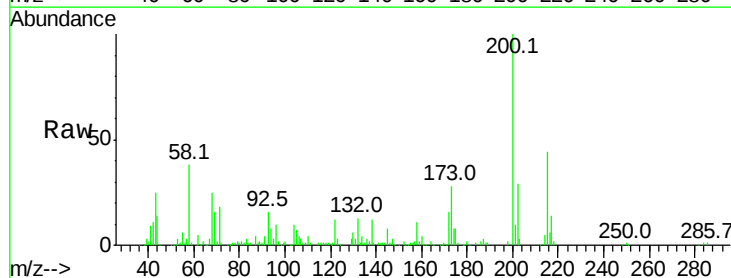
Instrument :
BNA_F
ClientSampleId :

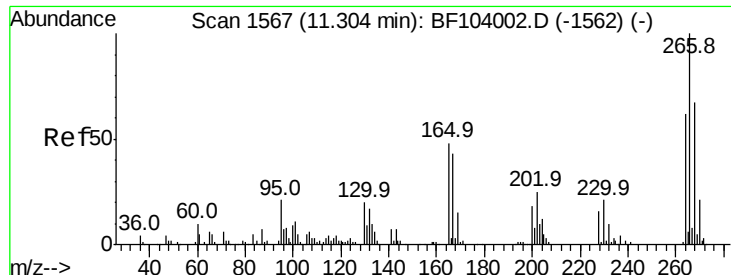
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.5	34.6	52.0
249	29.8	24.8	37.2



#68
Atrazine
Concen: 38.790 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.6	48.6
215	44.4	25.1	65.1

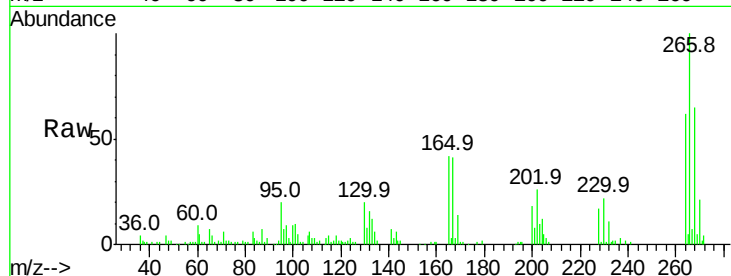




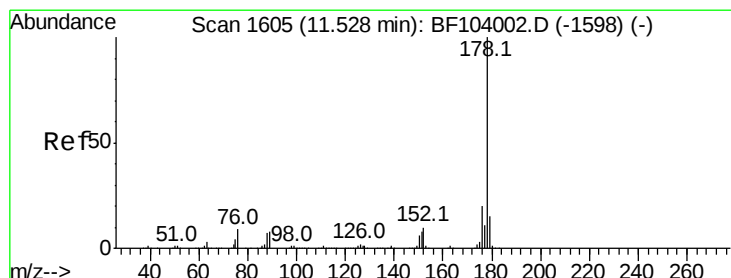
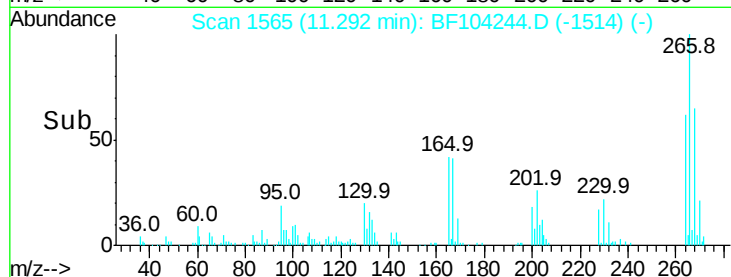
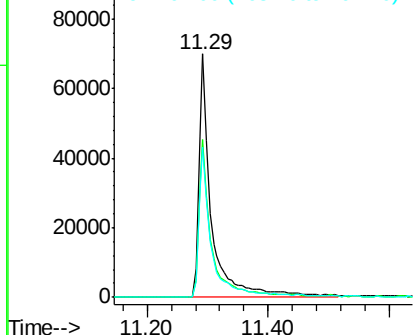
#69
 Pentachlorophenol
 Concen: 49.188 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 103536
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.1 76.7
 264 61.8 49.5 74.3

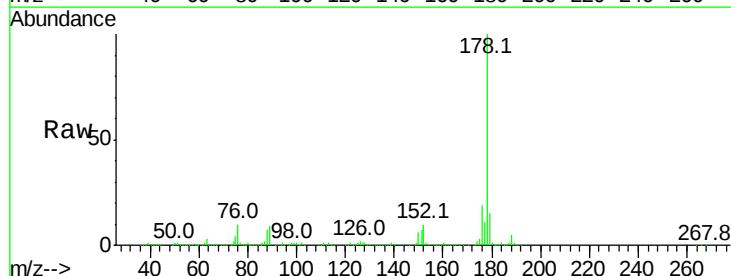


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

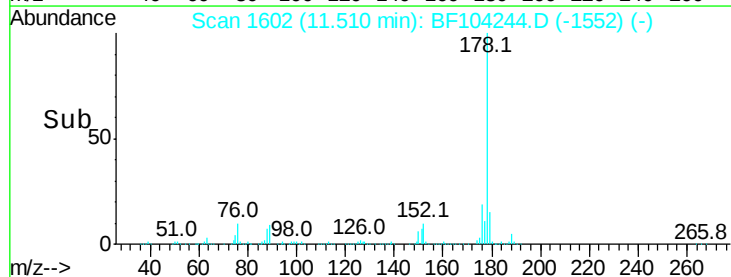
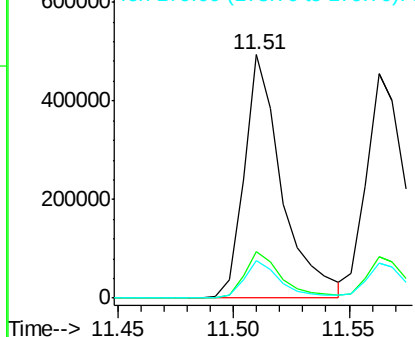


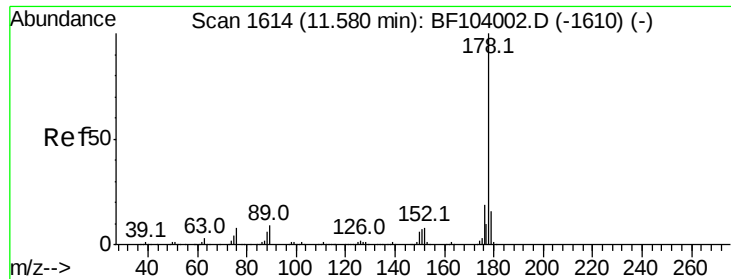
#70
 Phenanthrene
 Concen: 33.452 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

Tgt Ion:178 Resp: 562933
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.2 13.0 19.6



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

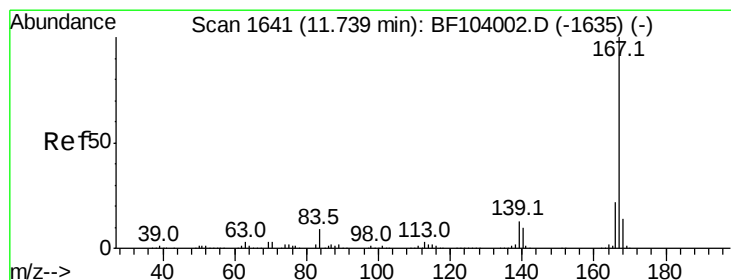
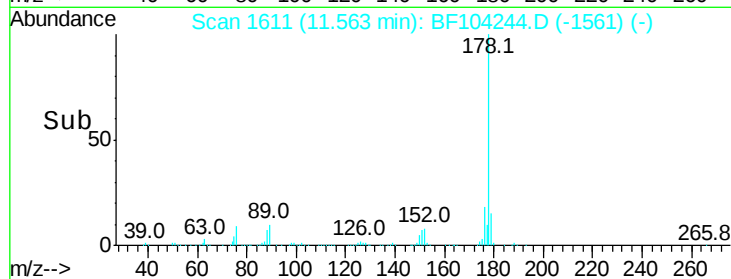
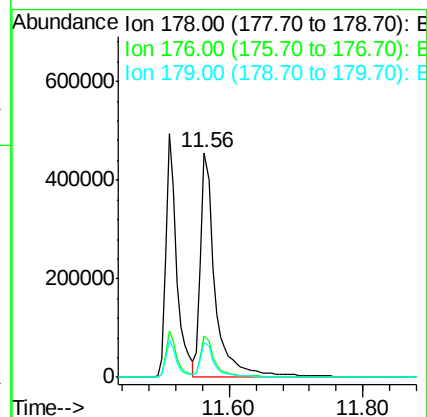
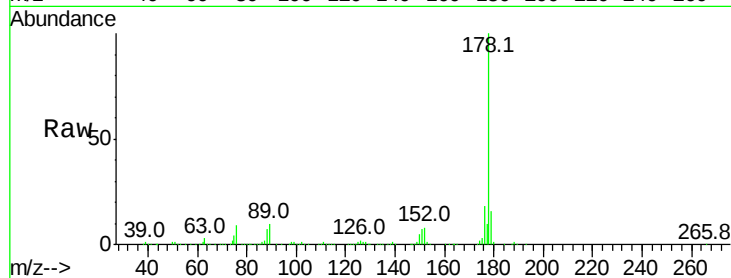




#71
 Anthracene
 Concen: 37.831 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

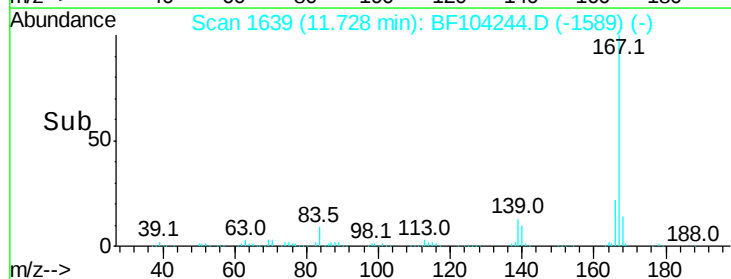
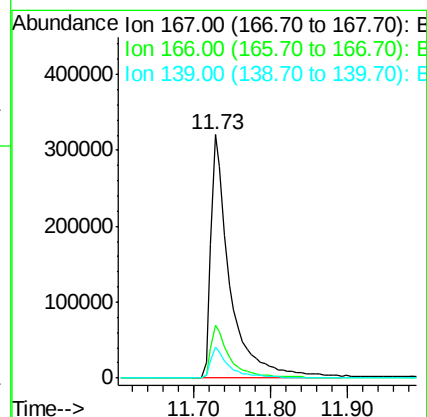
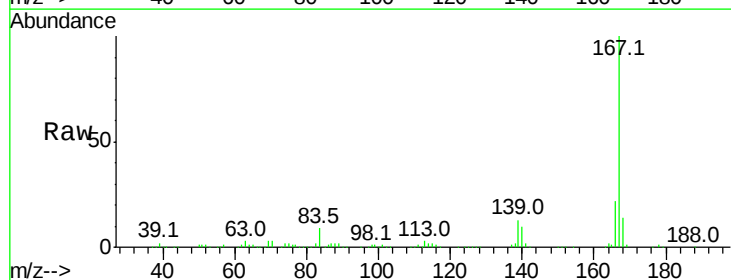
Instrument :
 BNA_F
 ClientSampleId :

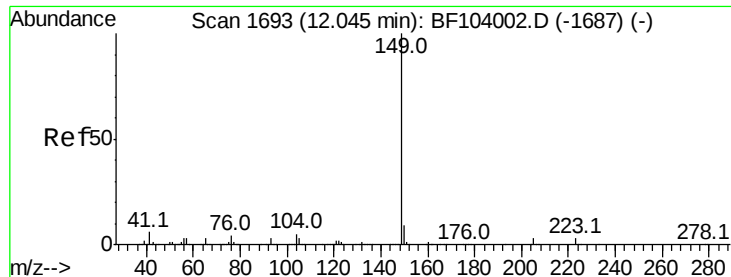
Tot Ion:178 Resp: 664984
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 32.983 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

Tgt Ion:167 Resp: 553342
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.889 ng

RT: 12.03 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampled :

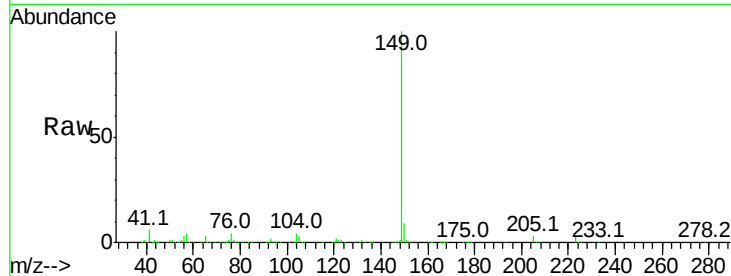
Tot Ion:149 Resp: 737160

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

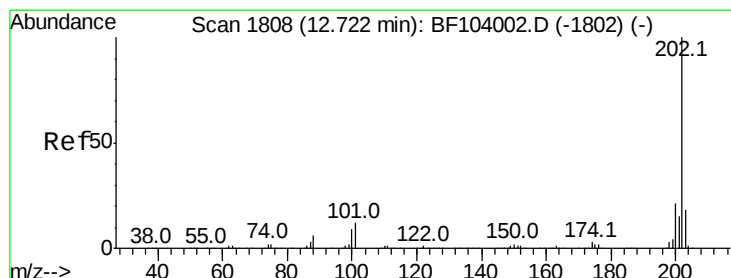
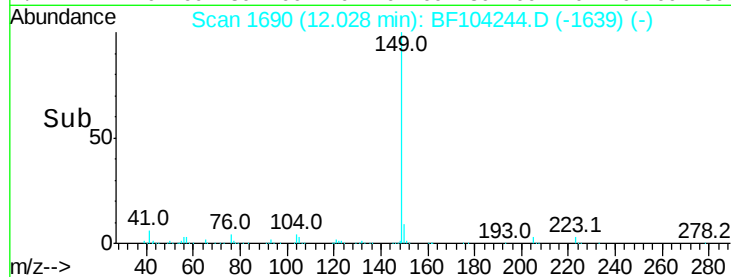
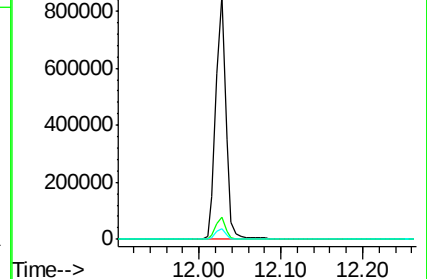
104 4.3 3.8 5.8



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: 29.963 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

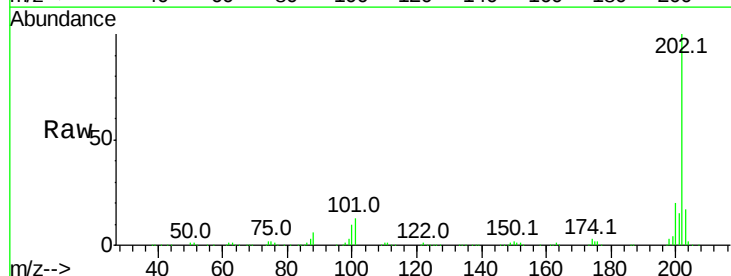
Tgt Ion:202 Resp: 535971

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

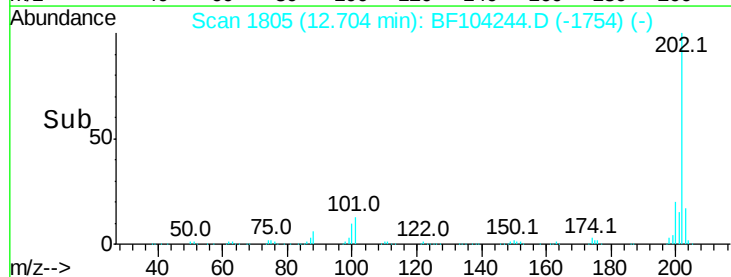
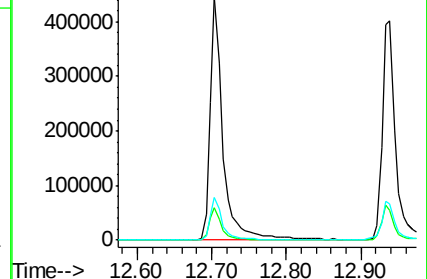
203 17.3 0.0 38.1

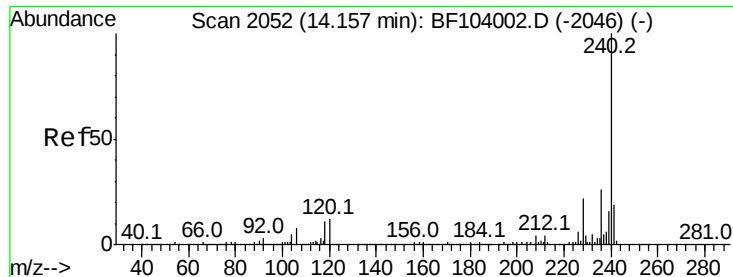


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampleId :

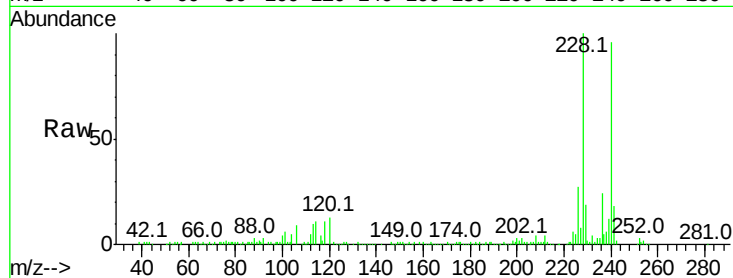
Tot Ion:240 Resp: 208491

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

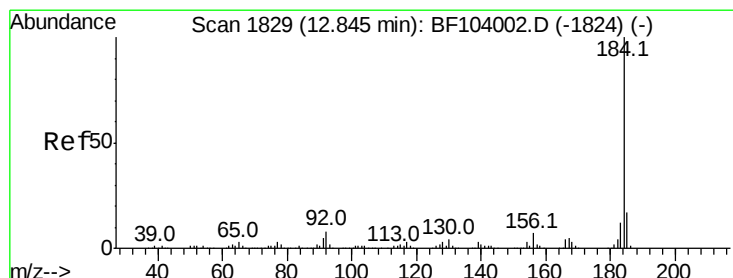
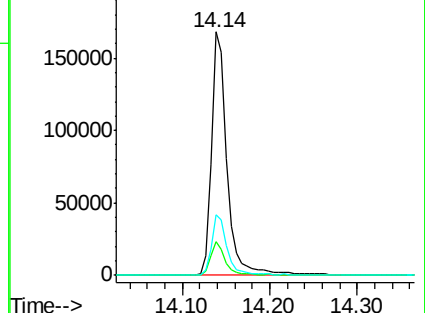
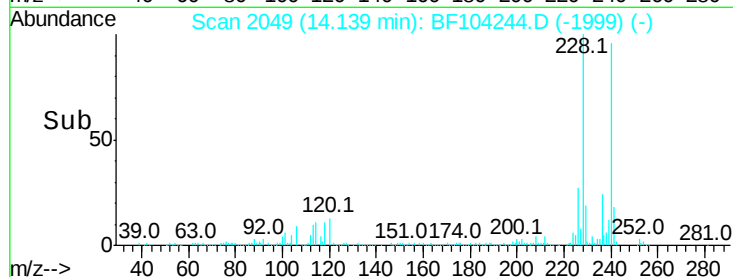
236 24.8 20.7 31.1



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: 49.311 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

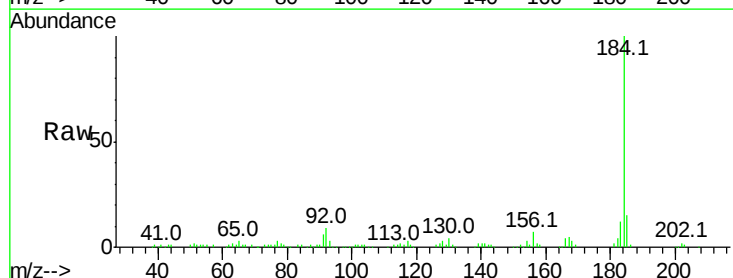
Tgt Ion:184 Resp: 292982

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

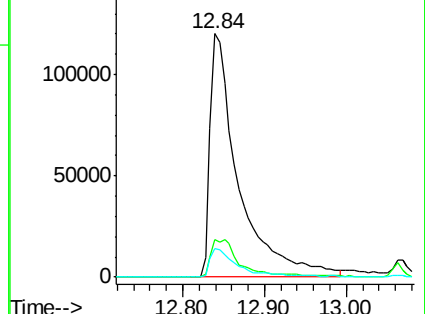
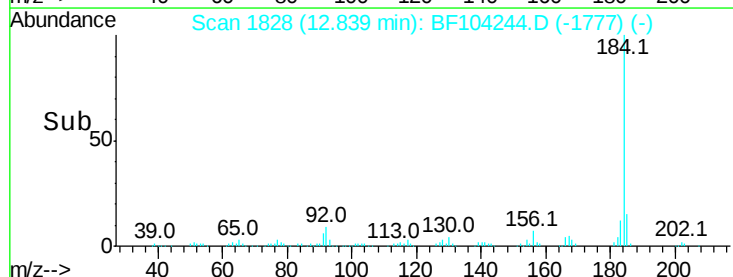
183 11.9 9.3 13.9

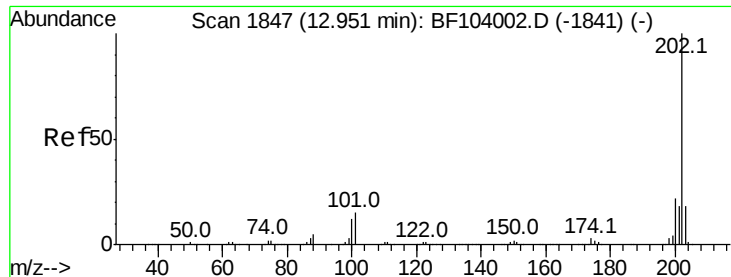


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

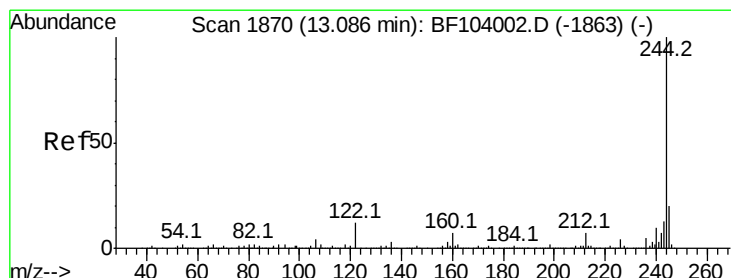
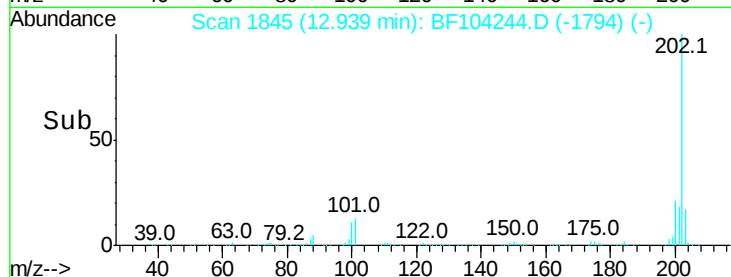
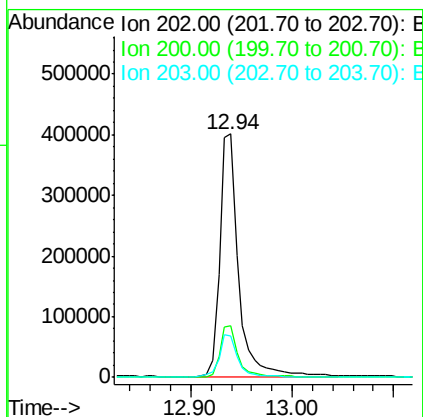
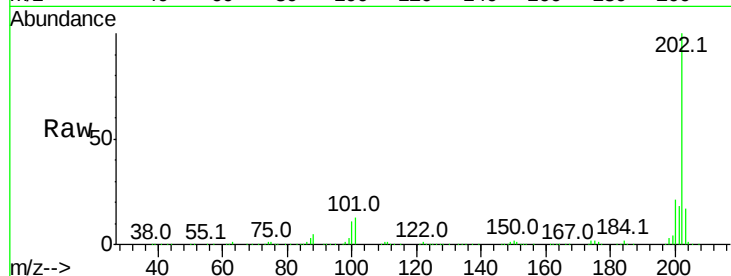




#77
Pvrene
Concen: 34.021 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

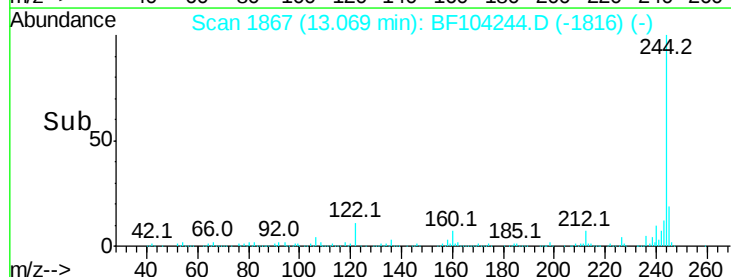
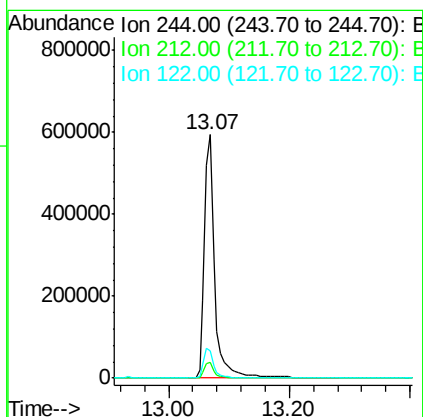
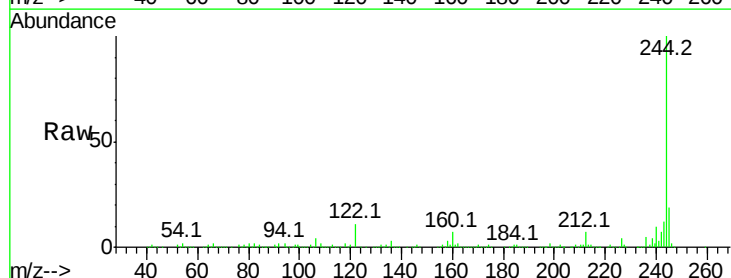
Instrument :
BNA_F
ClientSampleId :

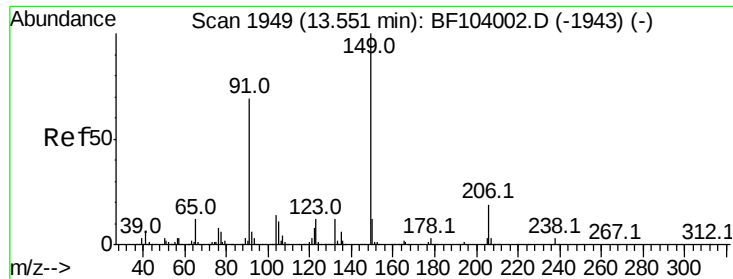
Tot Ion:202 Resp: 509888
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 16.8 14.3 21.5



#78
Terphenyl-d14
Concen: 77.753 ng
RT: 13.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Tgt Ion:244 Resp: 702081
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.2 11.0 16.4

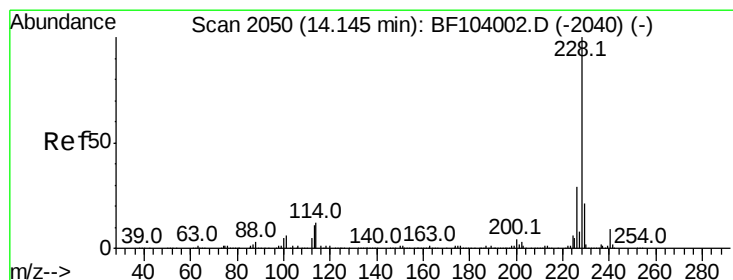
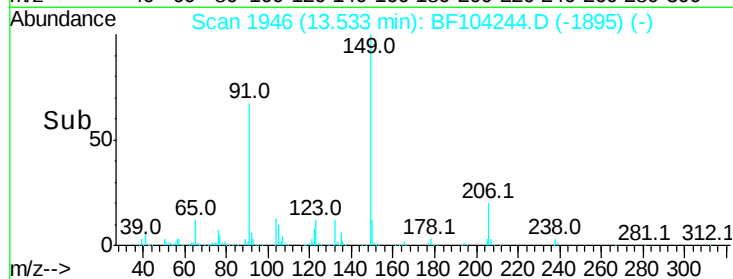
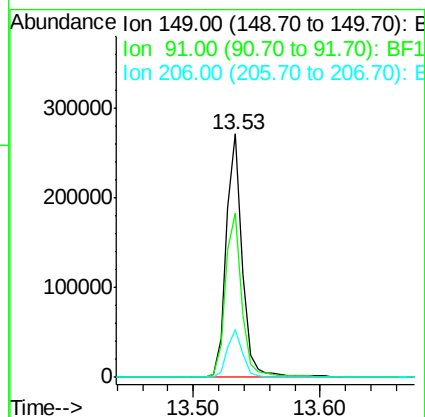
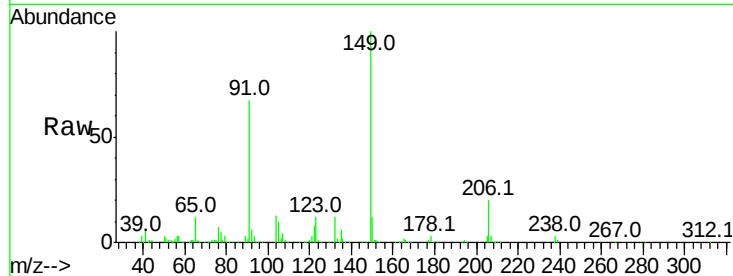




#79
Butylbenzylphthalate
Concen: 34.117 ng
RT: 13.53 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

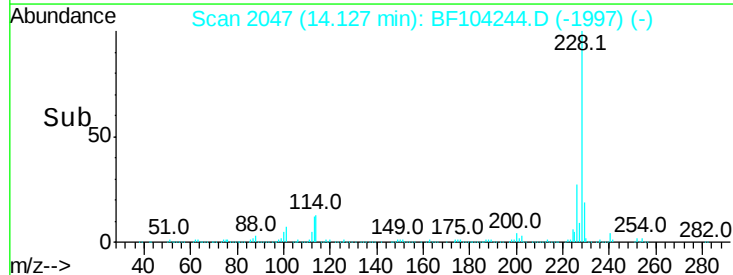
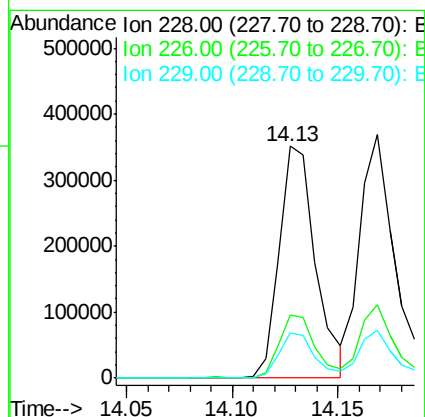
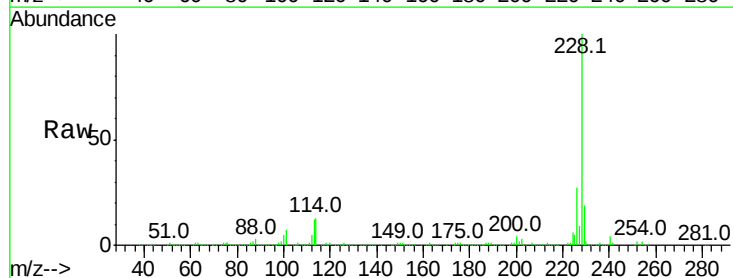
Instrument :
BNA_F
ClientSampleId :

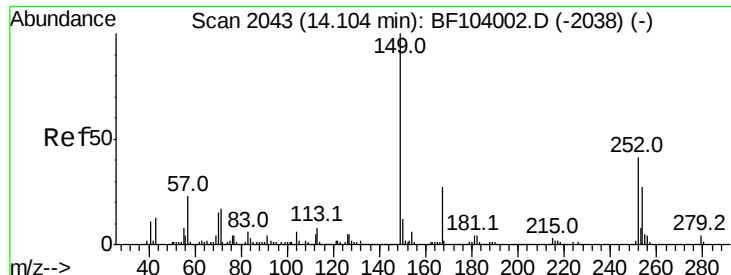
Tot Ion:149 Resp: 240900
Ion Ratio Lower Upper
149 100
91 67.2 56.8 85.2
206 19.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 32.321 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Tgt Ion:228 Resp: 421649
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.4 15.8 23.6

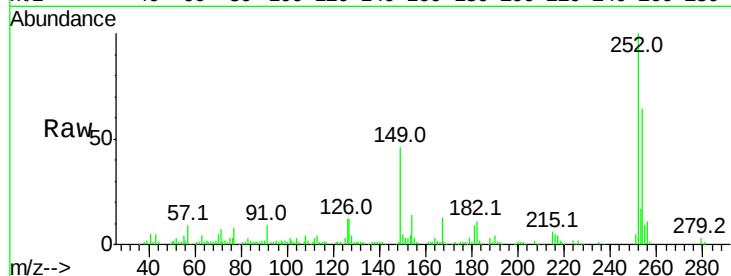




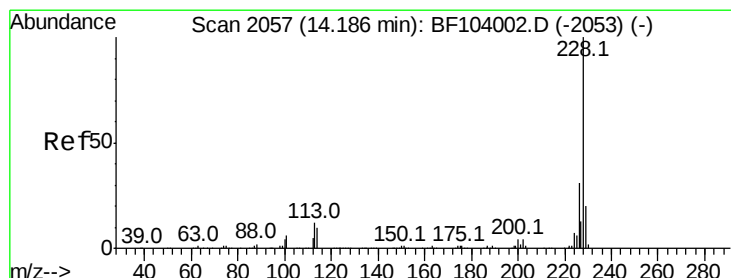
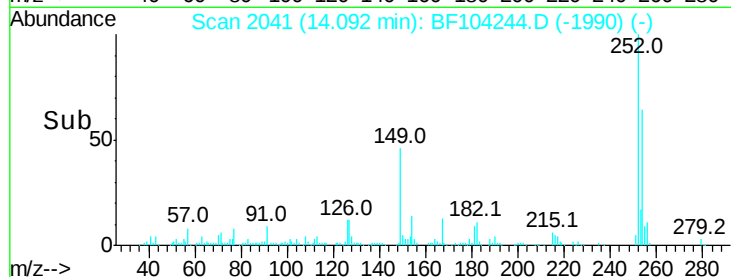
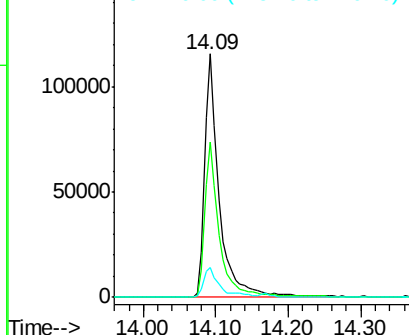
#81
 3,3'-Dichlorobenzidine
 Concen: 37.781 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 163146
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.4 75.6
 126 12.1 11.3 16.9

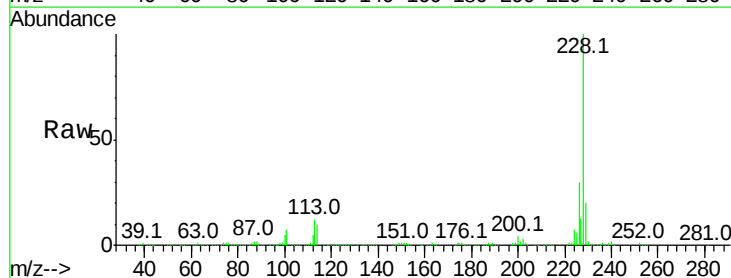


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

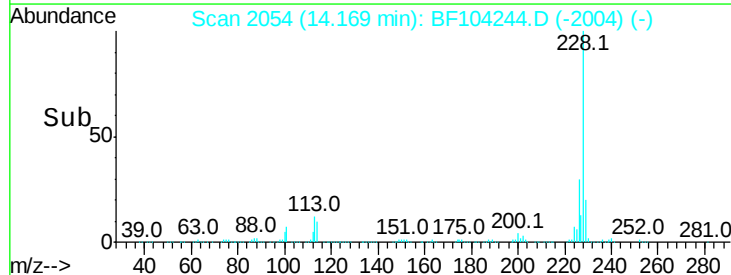
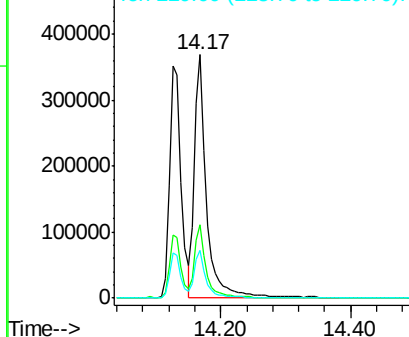


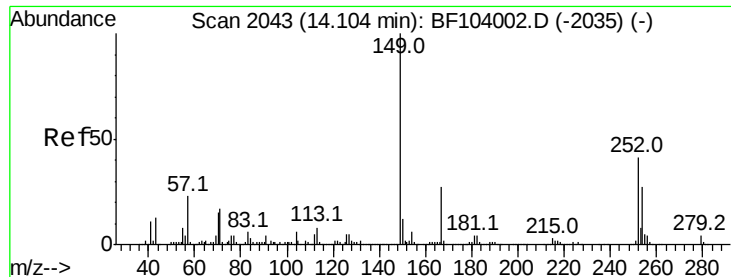
#82
 Chrysene
 Concen: 37.170 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

Tgt Ion:228 Resp: 474938
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.0 37.6
 229 19.8 16.2 24.4



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

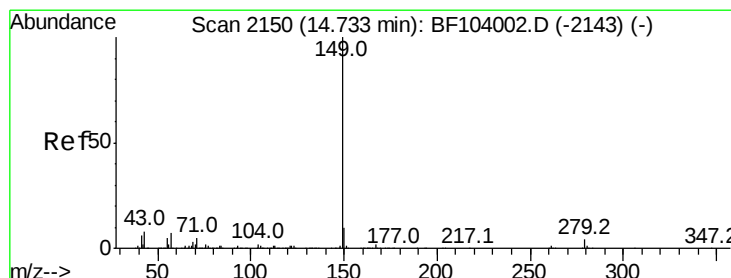
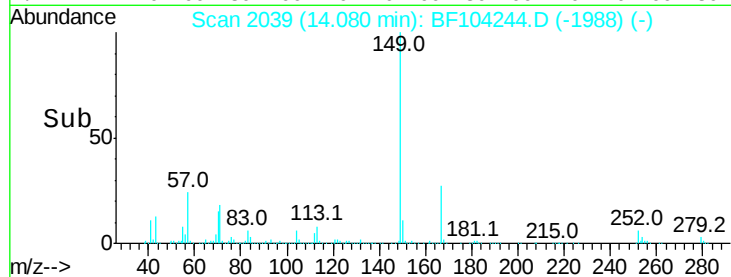
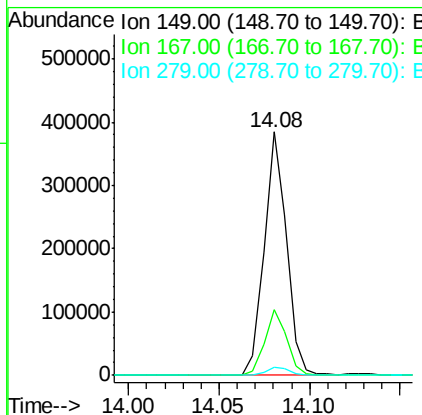
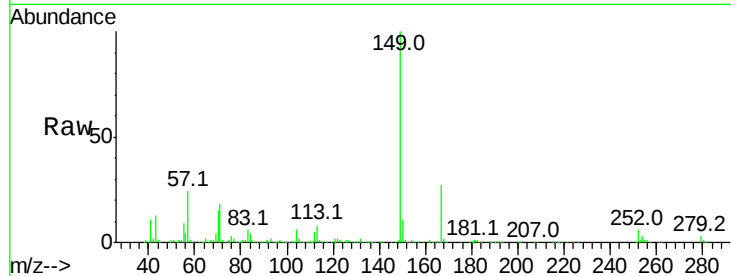




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.184 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

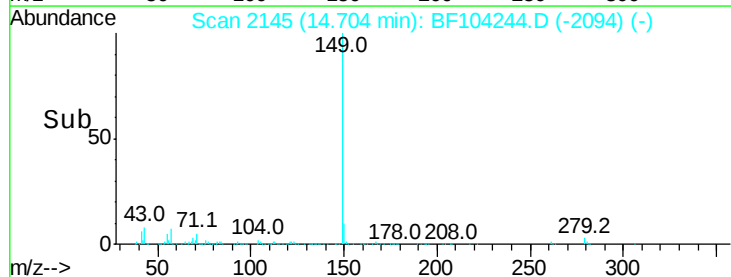
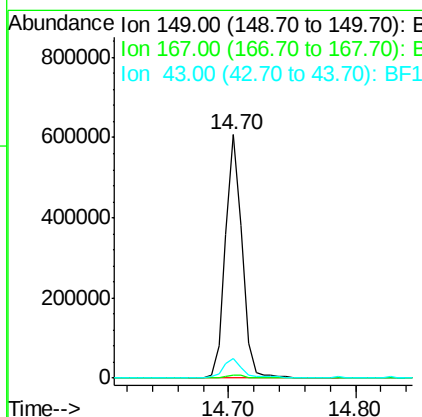
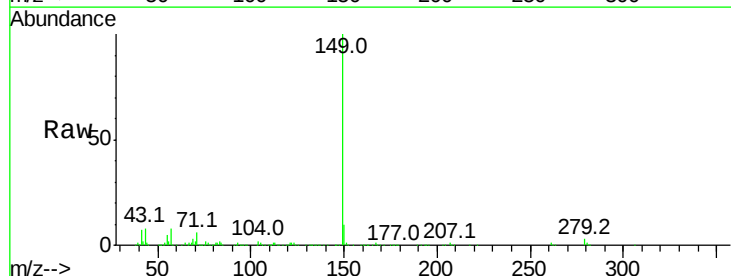
Instrument :
 BNA_F
 ClientSampleId :

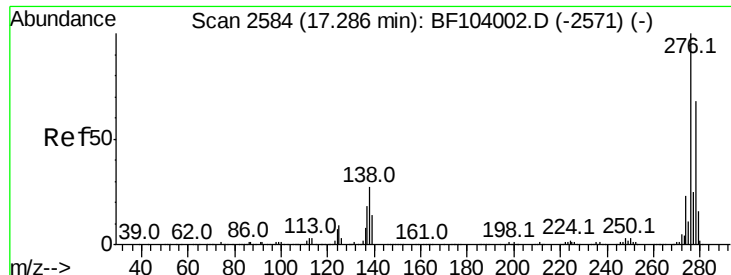
Tot Ion:149 Resp: 330118
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 35.128 ng
 RT: 14.70 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BF104244.D
 Acq: 4 Apr 2018 23:39

Tgt Ion:149 Resp: 551284
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.2 8.4 12.6#

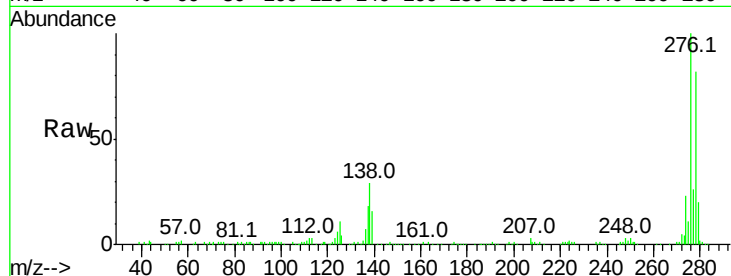




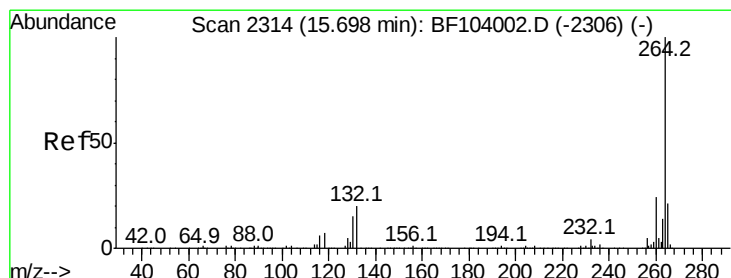
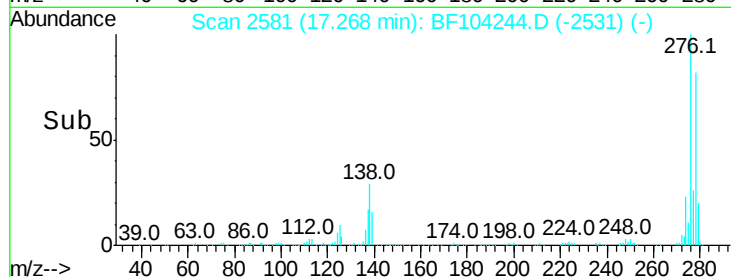
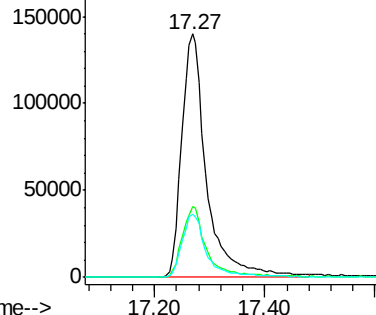
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.123 ng
RT: 17.27 min Scan# 2581
Delta R.T. -0.01 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 438582
Ion Ratio Lower Upper
276 100
138 28.6 25.0 37.6
277 25.1 20.1 30.1

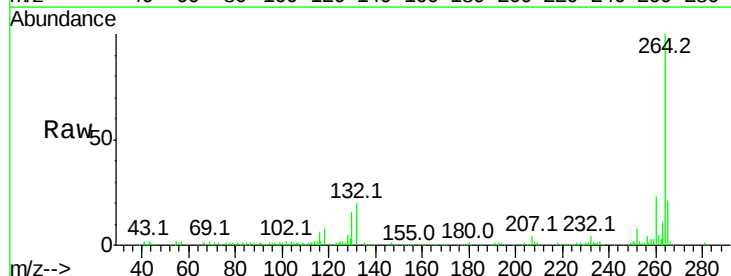


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

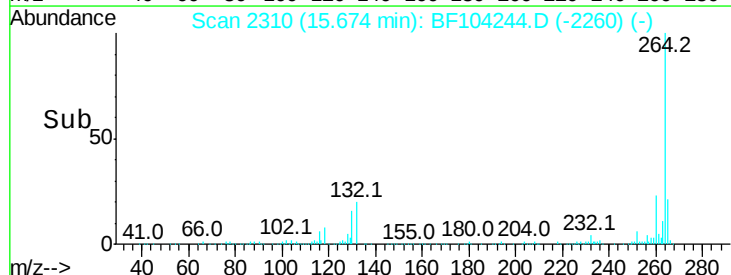
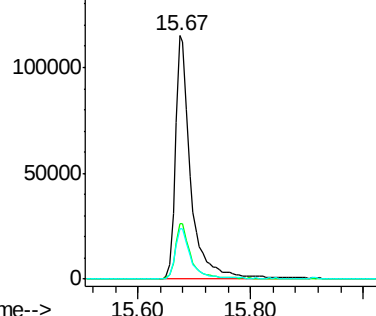


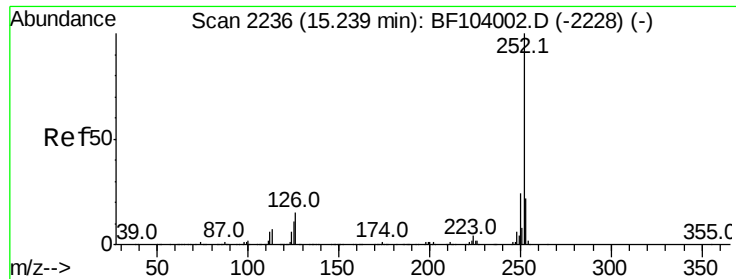
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.01 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Tgt Ion:264 Resp: 218155
Ion Ratio Lower Upper
264 100
260 22.9 19.2 28.8
265 20.9 17.5 26.3



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





#87

Benzo(b)fluoranthene

Concen: 30.286 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.01 min

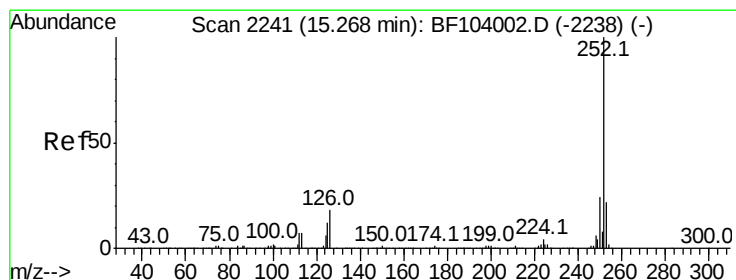
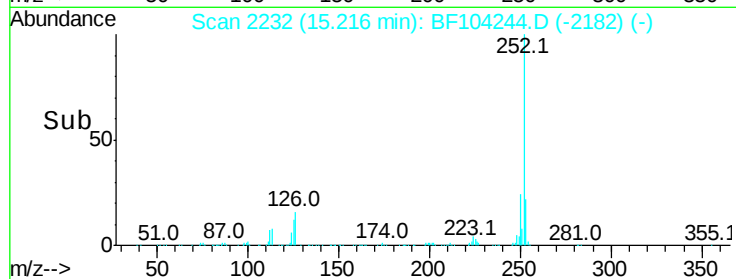
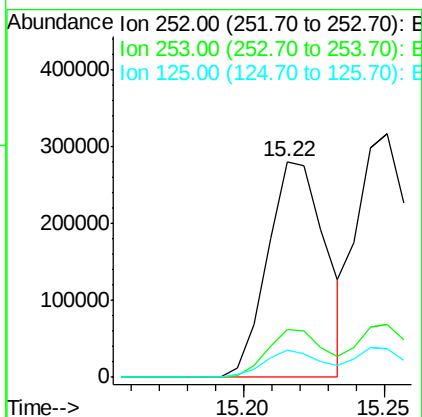
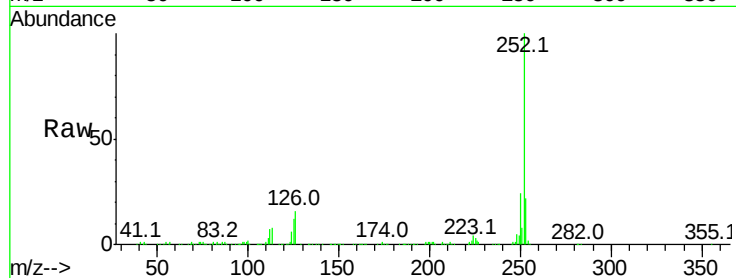
Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 402096

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	12.4	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 39.322 ng

RT: 15.25 min Scan# 2238

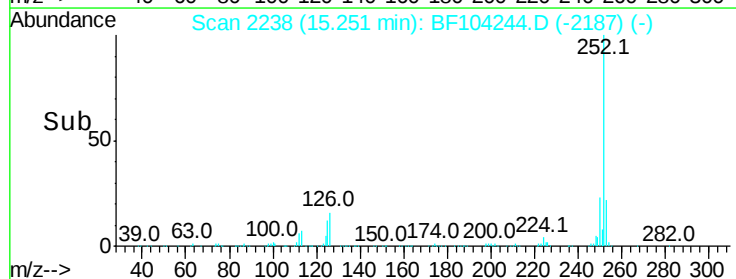
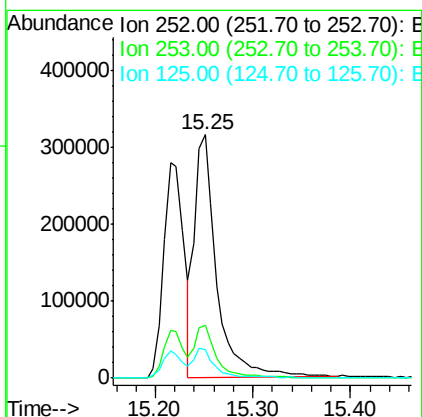
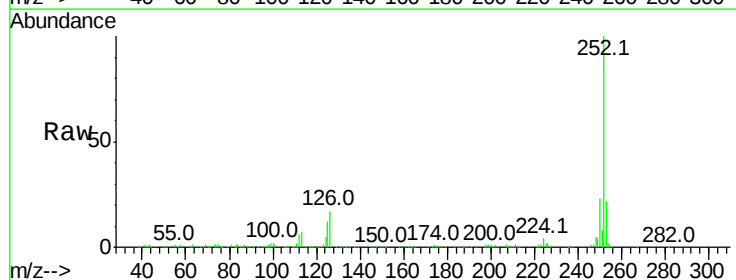
Delta R.T. 0.00 min

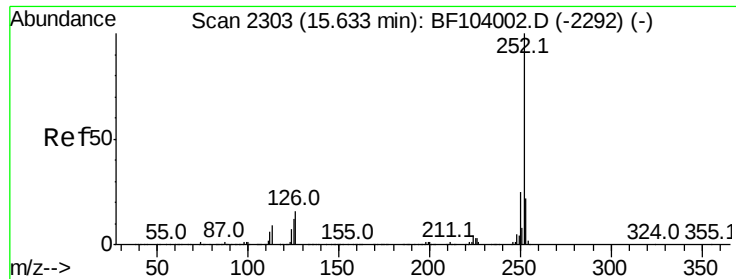
Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Tgt Ion:252 Resp: 491793

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	11.7	10.2	15.2

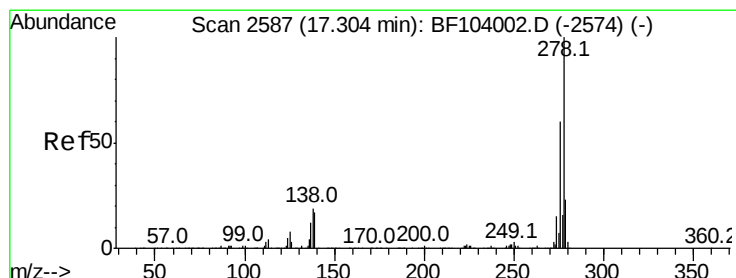
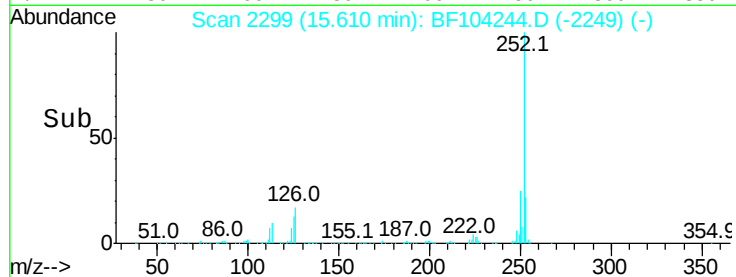
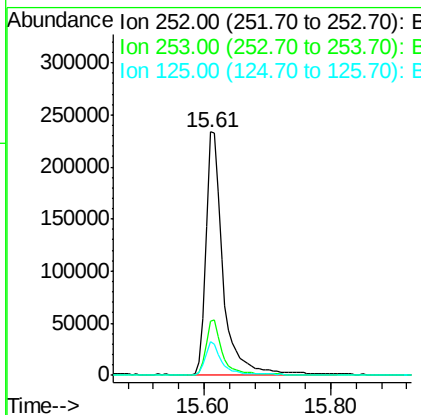
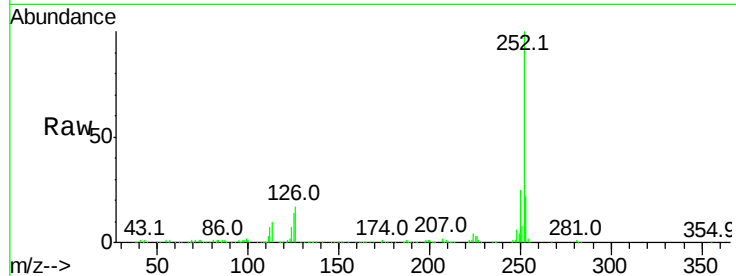




#89
Benzo(a)pyrene
Concen: 35.174 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

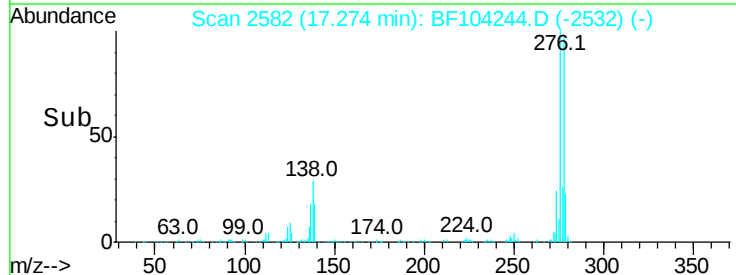
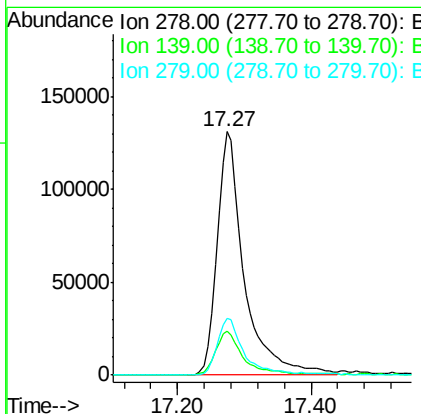
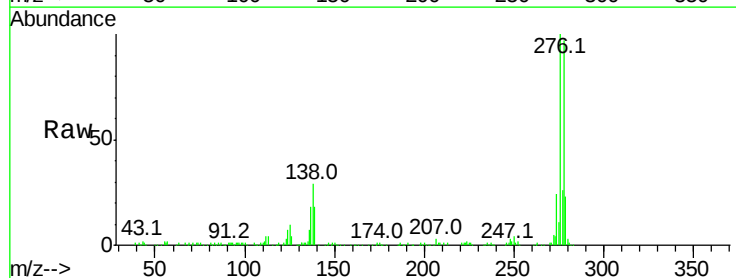
Instrument :
BNA_F
ClientSampleId :

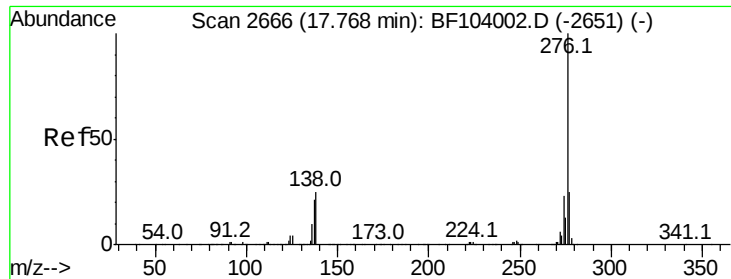
Tot Ion:252 Resp: 432757
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 13.6 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 32.897 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF104244.D
Acq: 4 Apr 2018 23:39

Tgt Ion:278 Resp: 374208
Ion Ratio Lower Upper
278 100
139 18.0 15.9 23.9
279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 28.914 ng

RT: 17.75 min Scan# 2663

Delta R.T. 0.00 min

Lab File: BF104244.D

Acq: 4 Apr 2018 23:39

Instrument :

BNA_F

ClientSampleId :

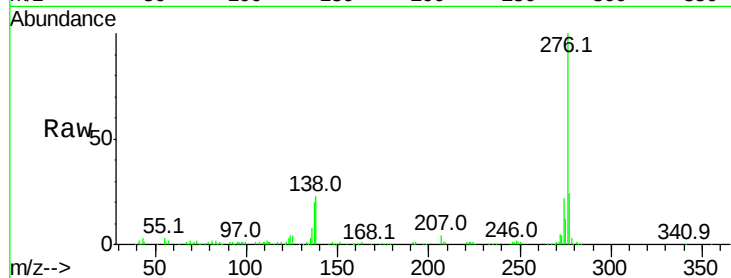
Tot Ion:276 Resp: 329442

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 23.3 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

