

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104059.D
 Acq On : 29 Mar 2018 18:54
 Operator : JU/SJ
 Sample : J12093-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 03:51:45 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	111023	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	453113	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	203174	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	325403	20.00	ng	0.00
75) Chrysene-d12	14.16	240	224432	20.00	ng	0.00
86) Perylene-d12	15.70	264	201622	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	810515	116.42	ng	0.00
7) Phenol-d6	6.60	99	968717	113.10	ng	0.00
23) Nitrobenzene-d5	7.53	82	598065	80.72	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	237843	105.13	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1071871	83.19	ng	0.00
78) Terphenyl-d14	13.09	244	819275	84.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.86	88	96793	32.237	ng	# 87
3) Pyridine	3.67	79	150364	19.782	ng	# 84
4) n-Nitrosodimethylamine	3.64	42	58344	25.823	ng	85
6) Aniline	6.64	93	293254	28.600	ng	# 87
8) 2-Chlorophenol	6.76	128	307180	40.224	ng	95
9) Benzaldehyde	6.53	77	104272	20.074	ng	91
10) Phenol	6.62	94	375821	39.601	ng	96
11) bis(2-Chloroethyl)ether	6.70	93	328501	40.170	ng	91
12) 1,3-Dichlorobenzene	6.91	146	308187	35.901	ng	97
13) 1,4-Dichlorobenzene	6.99	146	354631	38.555	ng	100
14) 1,2-Dichlorobenzene	7.13	146	307274	37.166	ng	99
15) Benzyl Alcohol	7.11	79	210649	37.826	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	340398	38.207	ng	64
17) 2-Methylphenol	7.22	107	234649	37.752	ng	# 93
18) Hexachloroethane	7.47	117	97500	31.659	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	202095	39.759	ng	90
20) 3+4-Methylphenols	7.37	107	316539	39.904	ng	# 58
22) Acetophenone	7.38	105	433960	39.584	ng	# 97
24) Nitrobenzene	7.55	77	289330	37.114	ng	99
25) Isophorone	7.78	82	553642	40.547	ng	100
26) 2-Nitrophenol	7.87	139	148655	36.531	ng	89
27) 2,4-Dimethylphenol	7.90	122	261912	44.628	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	361936	42.293	ng	100
29) 2,4-Dichlorophenol	8.11	162	253047	41.281	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	271451	39.029	ng	98
31) Naphthalene	8.27	128	919593	41.543	ng	99
32) Benzoic acid	8.02	122	114468	26.625	ng	95
33) 4-Chloroaniline	8.33	127	243443	26.086	ng	96
34) Hexachlorobutadiene	8.37	225	140764	37.192	ng	99
35) Caprolactam	8.69	113	72521	37.311	ng	# 77
36) 4-Chloro-3-methylphenol	8.80	107	266831	41.154	ng	97
37) 2-Methylnaphthalene	8.96	142	567489	38.919	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	251807	40.416	ng	98
40) Hexachlorocyclopentadiene	9.10	237	47785	20.583	ng	96

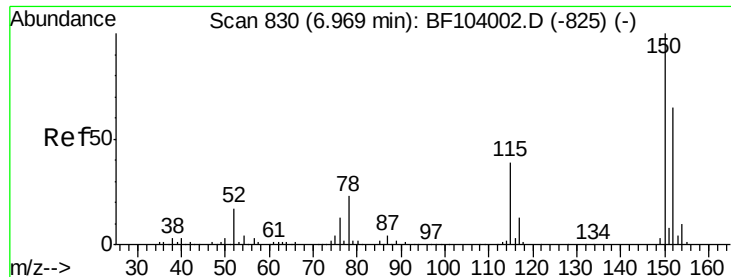
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104059.D
 Acq On : 29 Mar 2018 18:54
 Operator : JU/SJ
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Quant Time: Mar 30 03:51:45 2018
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	157211	39.849	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	184799	38.795	ng	96
45) 1,1'-Biphenyl	9.43	154	700124	40.150	ng	97
46) 2-Chloronaphthalene	9.46	162	534562	38.863	ng	98
47) 2-Nitroaniline	9.56	65	158909	40.515	ng	96
48) Acenaphthylene	9.87	152	779018	37.383	ng	99
49) Dimethylphthalate	9.72	163	719360	44.844	ng	99
50) 2,6-Dinitrotoluene	9.79	165	128572	37.255	ng	95
51) Acenaphthene	10.05	154	478244	39.672	ng	98
52) 3-Nitroaniline	9.97	138	125154	31.547	ng	96
53) 2,4-Dinitrophenol	10.09	184	16885	15.999	ng #	58
54) Dibenzofuran	10.22	168	684380	38.877	ng	97
55) 4-Nitrophenol	10.15	139	153762	64.640	ng	95
56) 2,4-Dinitrotoluene	10.20	165	160337	36.409	ng #	93
57) Fluorene	10.56	166	535122	36.851	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	142875	40.033	ng #	88
59) Diethylphthalate	10.42	149	590103	38.400	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	260936	39.124	ng	96
61) 4-Nitroaniline	10.60	138	124909	33.649	ng	95
62) Azobenzene	10.71	77	524759	37.764	ng	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	19420	9.859	ng	95
65) n-Nitrosodiphenylamine	10.67	169	488698	44.345	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	145471	41.786	ng #	90
67) Hexachlorobenzene	11.10	284	154322	38.536	ng	96
68) Atrazine	11.19	200	138778	41.105	ng	98
69) Pentachlorophenol	11.30	266	137078	62.205	ng	97
70) Phenanthrene	11.53	178	670285	38.046	ng	99
71) Anthracene	11.58	178	746210	40.550	ng	99
72) Carbazole	11.74	167	657283	37.423	ng	100
73) Di-n-butylphthalate	12.04	149	854686	40.853	ng	99
74) Fluoranthene	12.72	202	645761	34.483	ng	97
76) Benzidine	12.85	184	397848	62.205	ng	97
77) Pyrene	12.95	202	617439	38.271	ng	99
79) Butylbenzylphthalate	13.55	149	304059	40.003	ng	97
80) Benzo(a)anthracene	14.14	228	530771	37.796	ng	98
81) 3,3'-Dichlorobenzidine	14.11	252	196378	42.247	ng	98
82) Chrysene	14.19	228	535248	38.914	ng	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	398879	40.615	ng	99
84) Di-n-octyl phthalate	14.73	149	681318	40.330	ng #	94
85) Indeno(1,2,3-cd)pyrene	17.30	276	461498	32.378	ng	96
87) Benzo(b)fluoranthene	15.24	252	482686	39.337	ng	98
88) Benzo(k)fluoranthene	15.27	252	489554	42.353	ng	99
89) Benzo(a)pyrene	15.63	252	455725	40.078	ng	98
90) Dibenzo(a,h)anthracene	17.30	278	393792	37.457	ng	98
91) Benzo(g,h,i)perylene	17.77	276	365531	34.712	ng	96

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

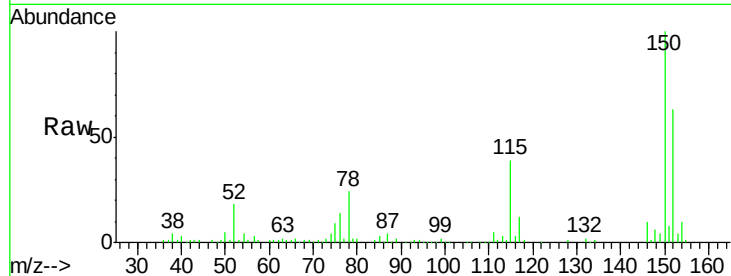


#1

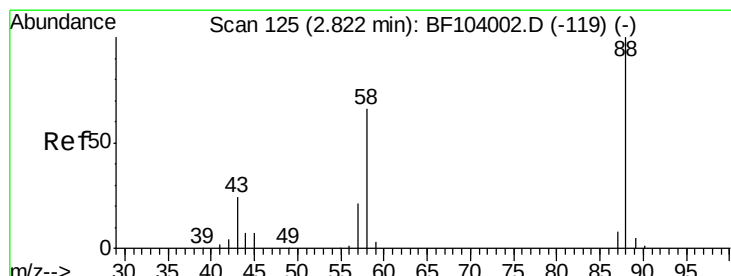
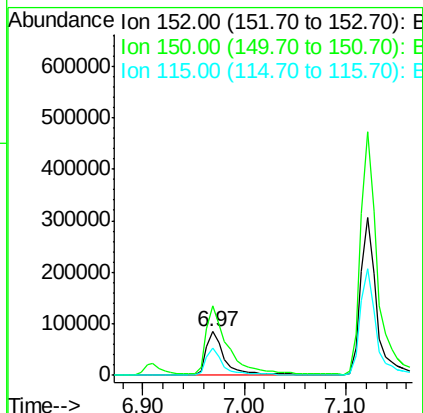
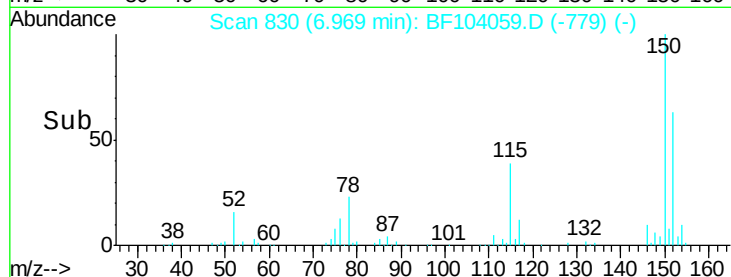
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 111023
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 62.7 50.1 75.1



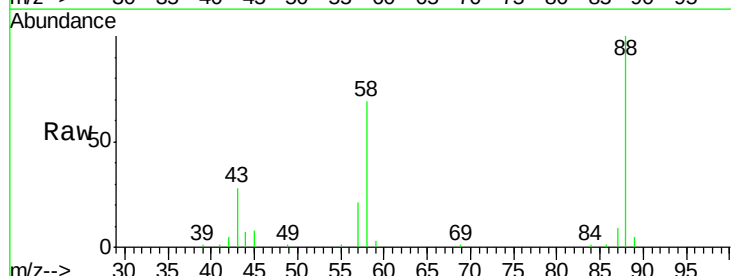
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



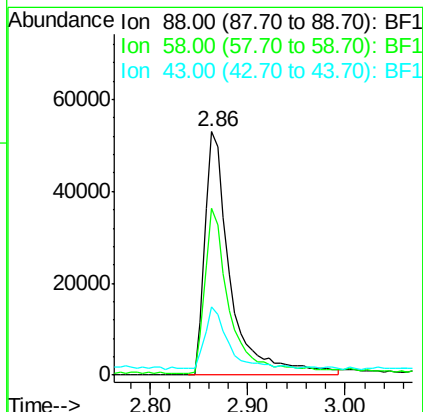
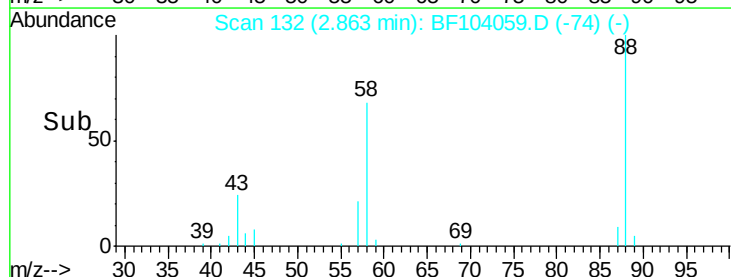
#2

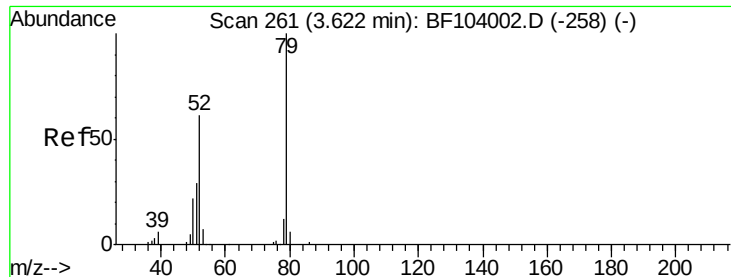
1,4-Dioxane
Concen: 32.237 ng
RT: 2.86 min Scan# 132
Delta R.T. 0.04 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion: 88 Resp: 96793
Ion Ratio Lower Upper
88 100
58 66.0 62.6 93.8
43 24.1 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 19.782 ng

RT: 3.67 min Scan# 270

Delta R.T. 0.05 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampleId :

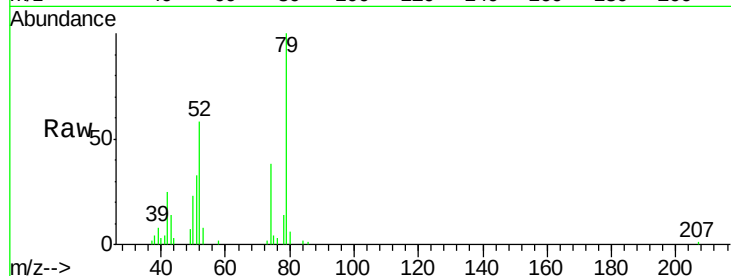
Tot Ion: 79 Resp: 150364

Ion Ratio Lower Upper

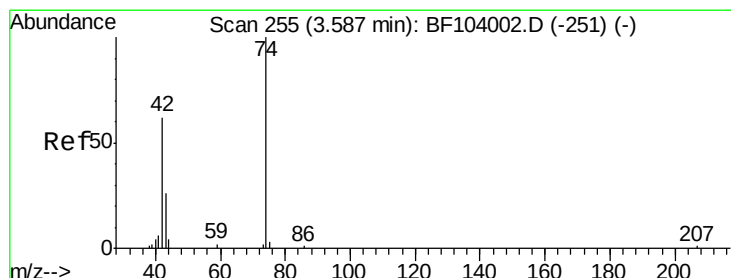
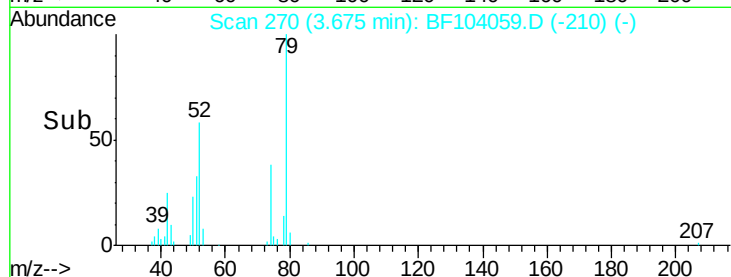
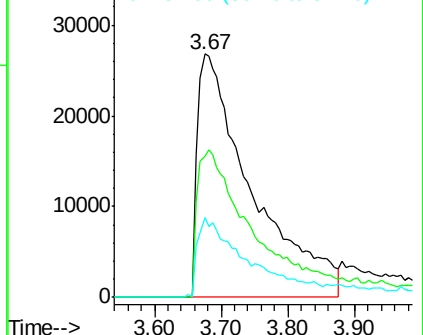
79 100

52 57.8 59.8 89.6#

51 32.6 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 25.823 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.05 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

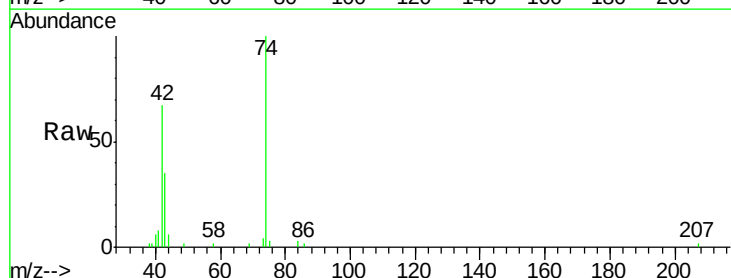
Tgt Ion: 42 Resp: 58344

Ion Ratio Lower Upper

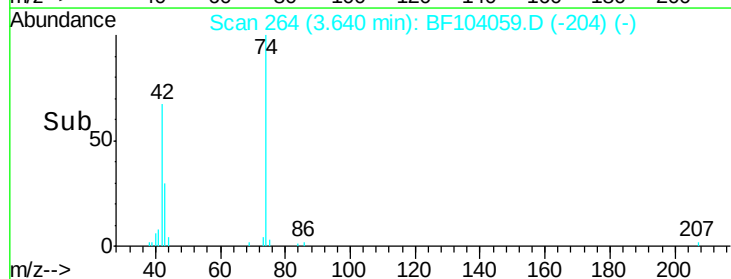
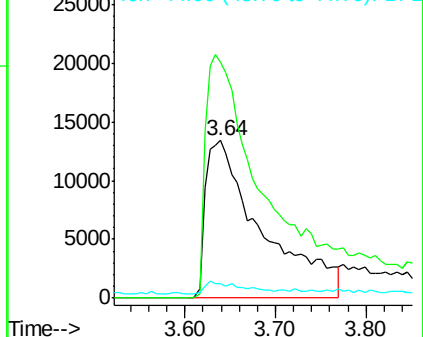
42 100

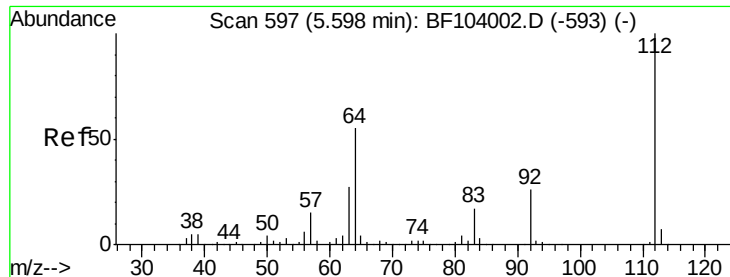
74 149.7 104.9 157.3

44 9.0 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 116.423 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :
BNA_F
ClientSampleId :

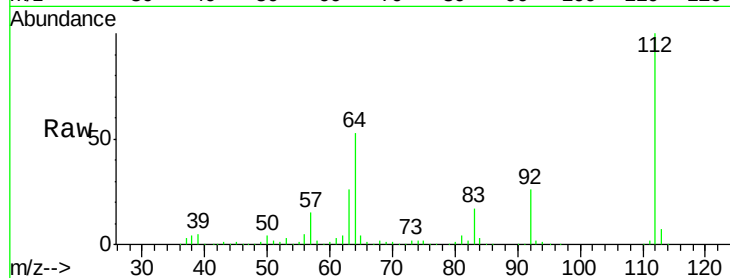
Tot Ion:112 Resp: 810515

Ion Ratio Lower Upper

112 100

64 52.9 47.9 71.9

63 26.2 23.7 35.5



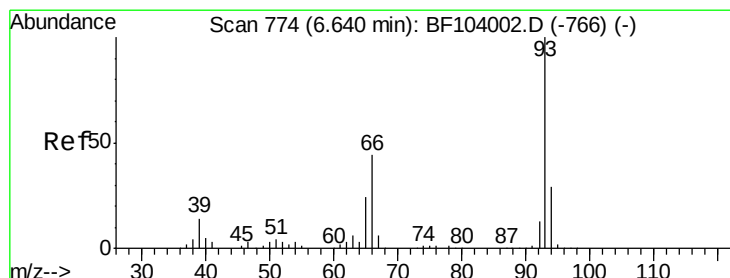
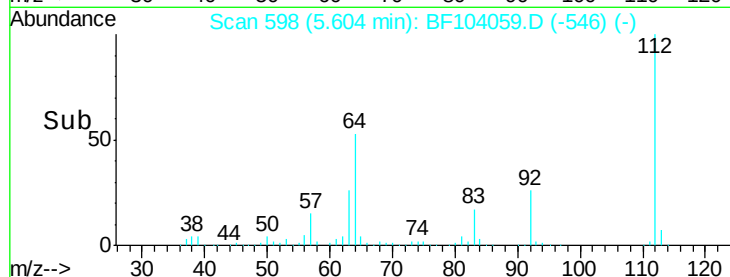
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

5.60

Time-->



#6

Aniline

Concen: 28.600 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

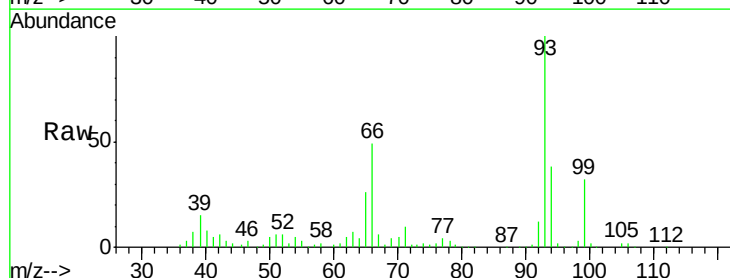
Tgt Ion: 93 Resp: 293254

Ion Ratio Lower Upper

93 100

66 48.7 32.2 48.2#

65 26.2 16.4 24.6#



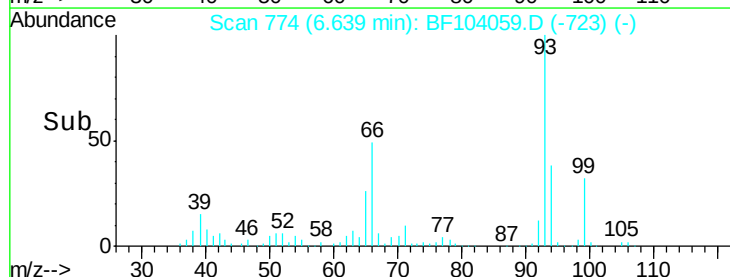
Abundance Ion 93.00 (92.70 to 93.70): BF1

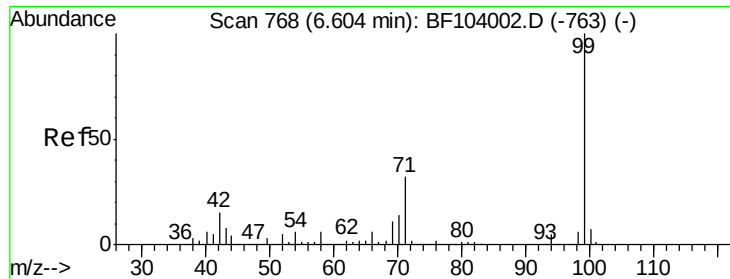
Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

6.64

Time-->





#7

Phenol-d6

Concen: 113.100 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampleId :

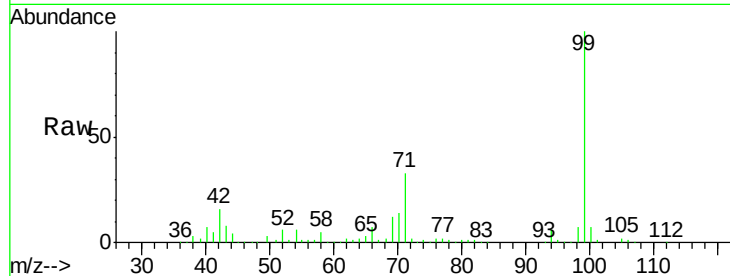
Tot Ion: 99 Resp: 968717

Ion Ratio Lower Upper

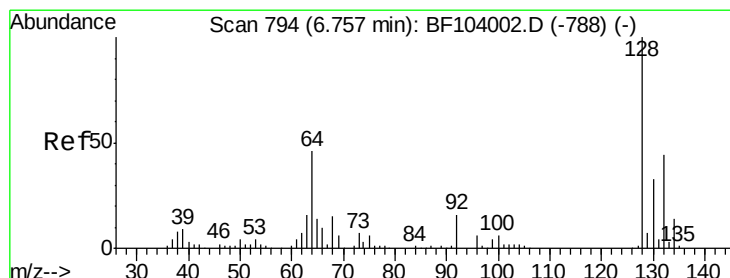
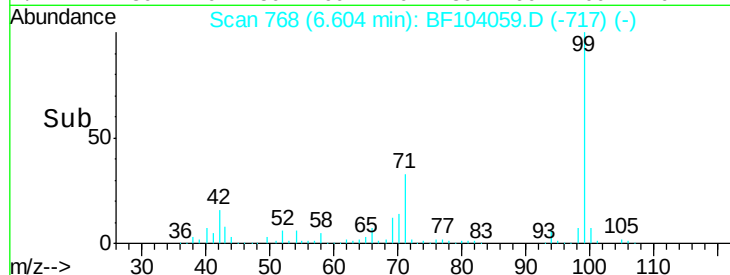
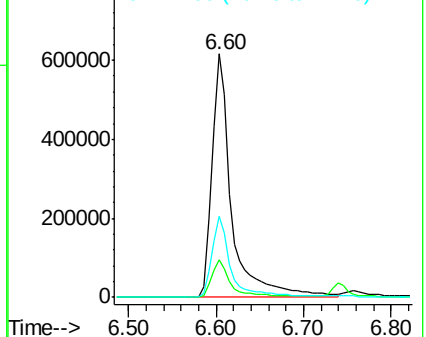
99 100

42 15.7 14.5 21.7

71 33.4 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: 40.224 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

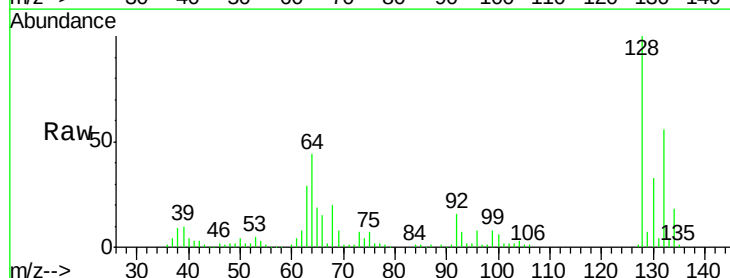
Tgt Ion:128 Resp: 307180

Ion Ratio Lower Upper

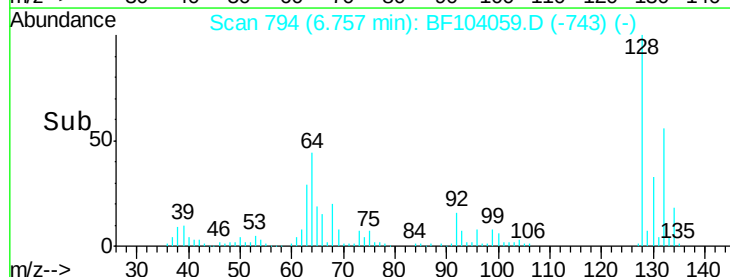
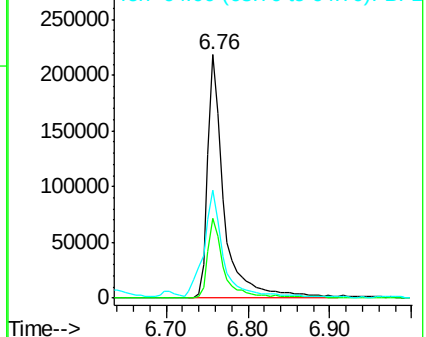
128 100

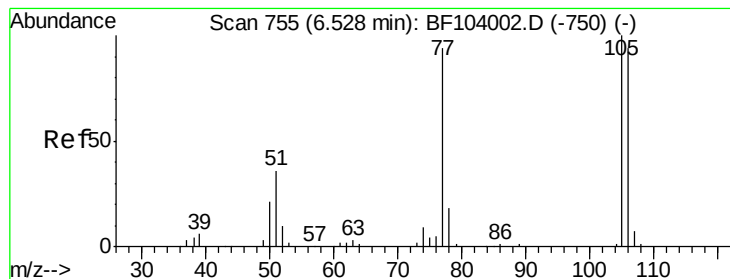
130 32.5 13.0 53.0

64 44.3 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: 20.074 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampleId :

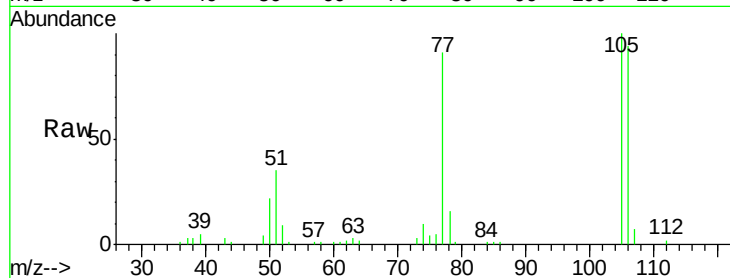
Tot Ion: 77 Resp: 104272

Ion Ratio Lower Upper

77 100

105 110.0 81.1 121.1

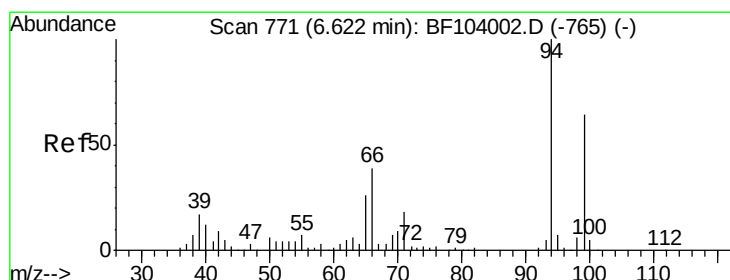
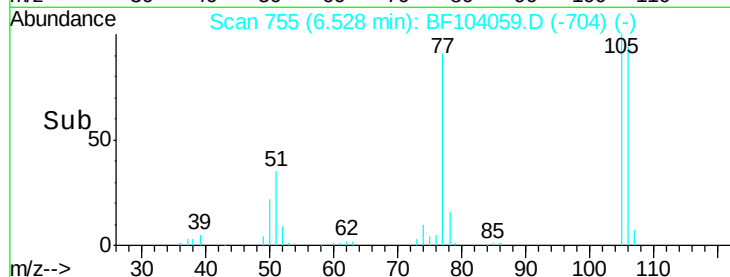
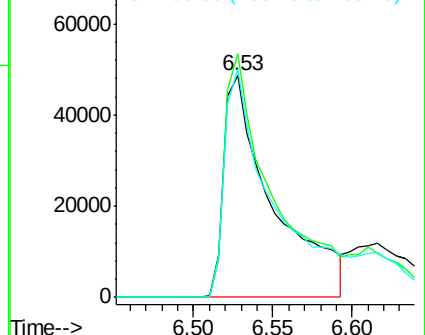
106 102.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.601 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

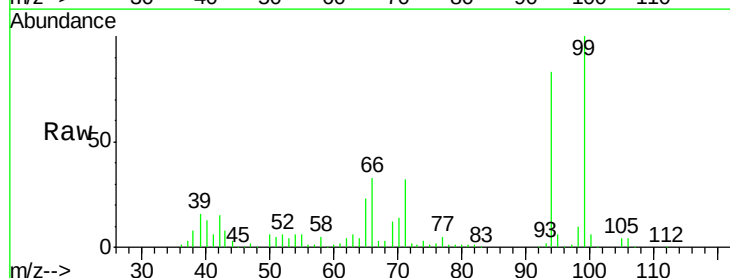
Tgt Ion: 94 Resp: 375821

Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

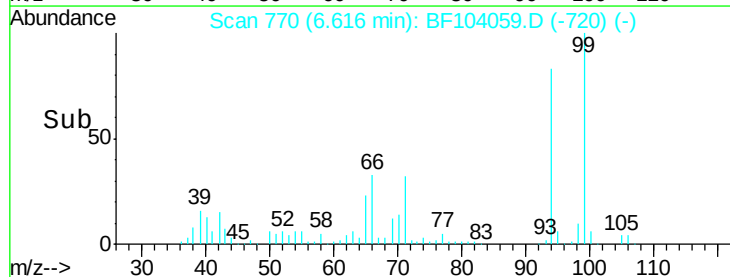
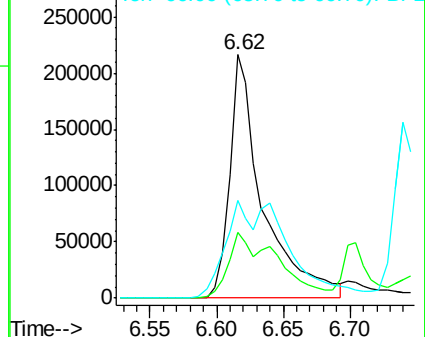
66 39.9 16.2 56.2

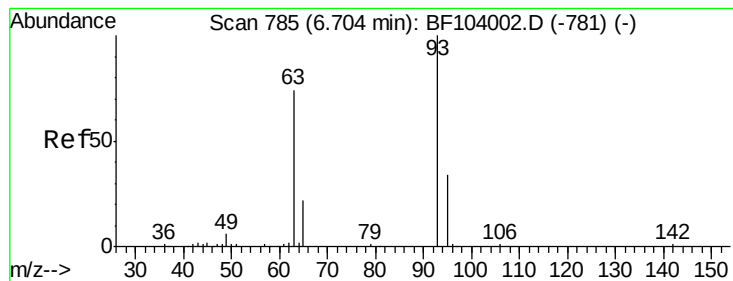


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

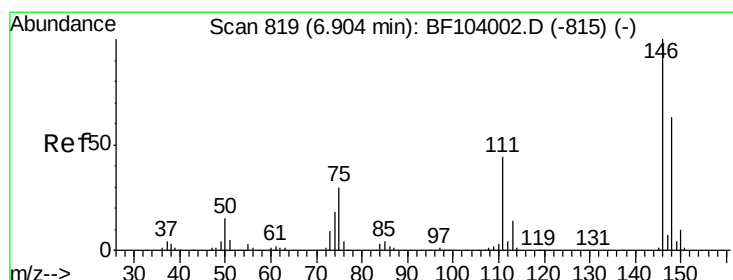
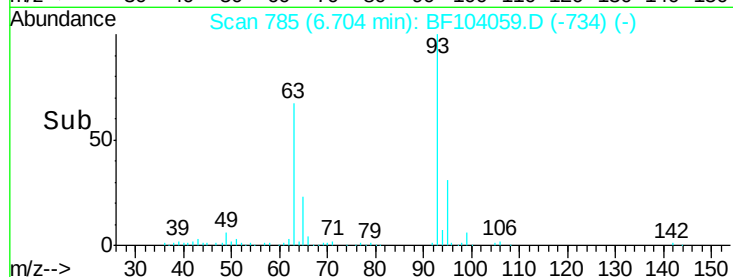
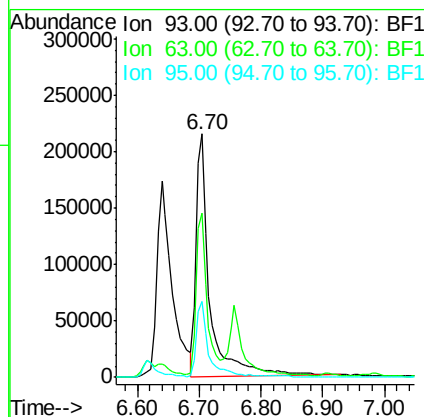
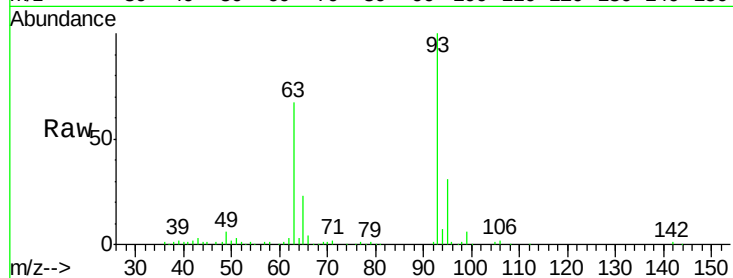




#11
bis(2-Chloroethyl)ether
Concen: 40.170 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

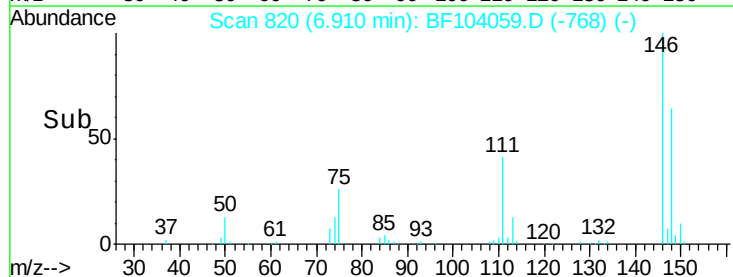
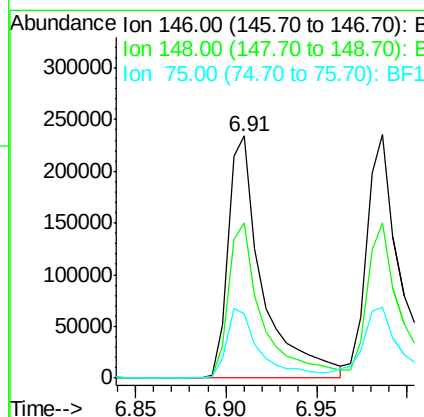
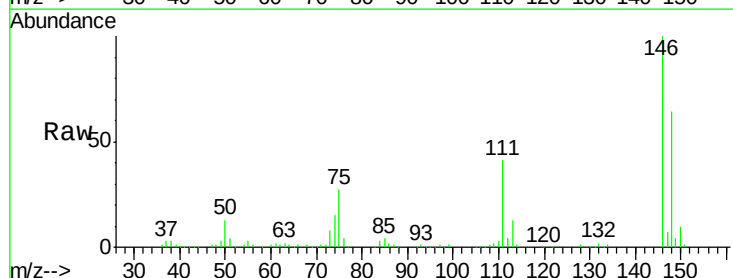
Instrument :
BNA_F
ClientSampled :

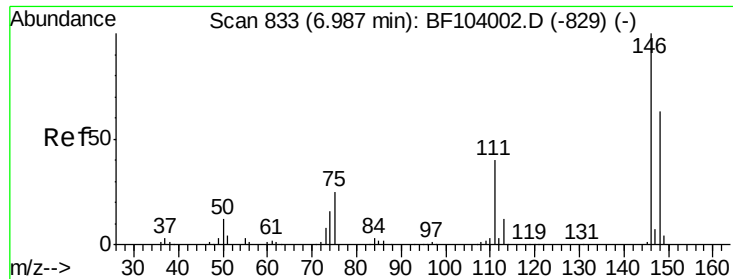
Tot Ion	93	Resp	328501
Ion Ratio	Lower	Upper	
93	100		
63	67.3	58.6	98.6
95	31.3	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 35.901 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion	146	Resp	308187
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.8
75	26.7	24.2	36.4

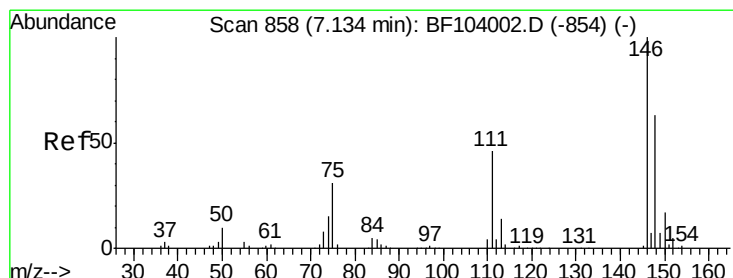
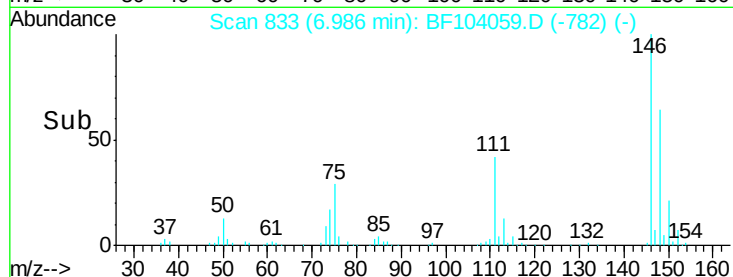
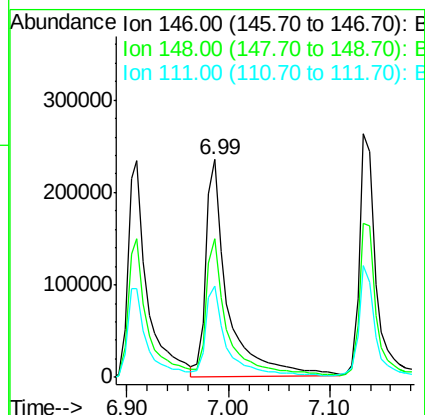
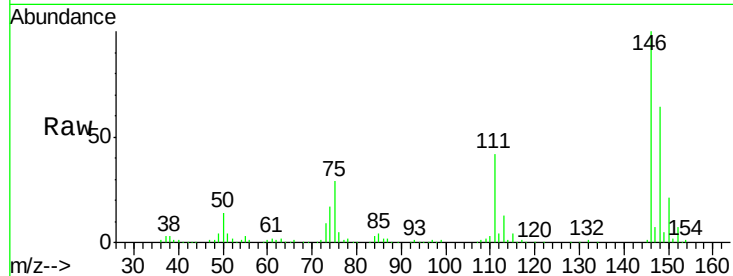




#13
 1,4-Dichlorobenzene
 Concen: 38.555 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

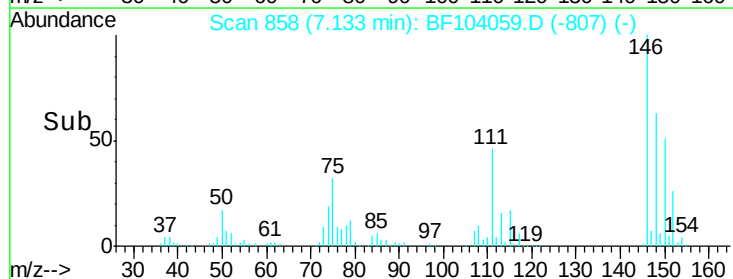
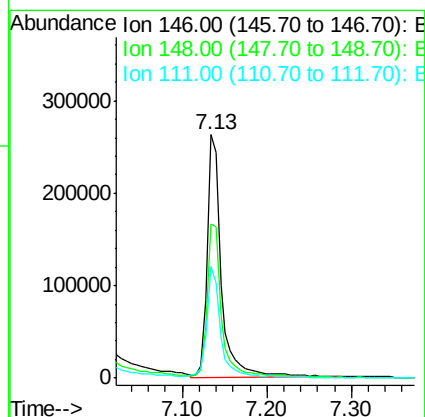
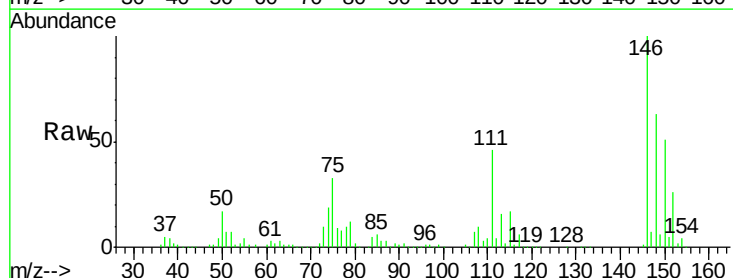
Instrument :
 BNA_F
 ClientSampleId :

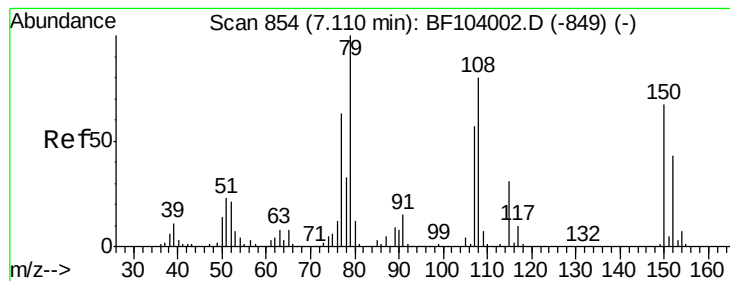
Tot Ion:146 Resp: 354631
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 42.0 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.166 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Tgt Ion:146 Resp: 307274
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 45.9 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.826 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampled :

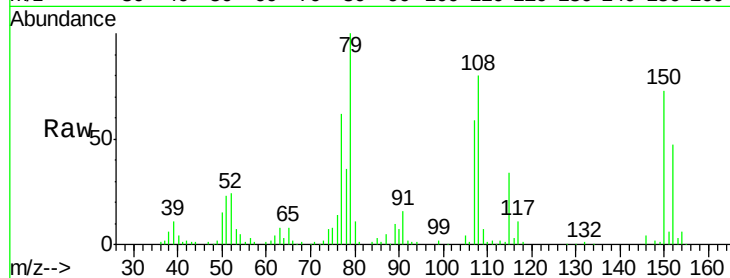
Tot Ion: 79 Resp: 210649

Ion Ratio Lower Upper

79 100

108 80.3 65.1 97.7

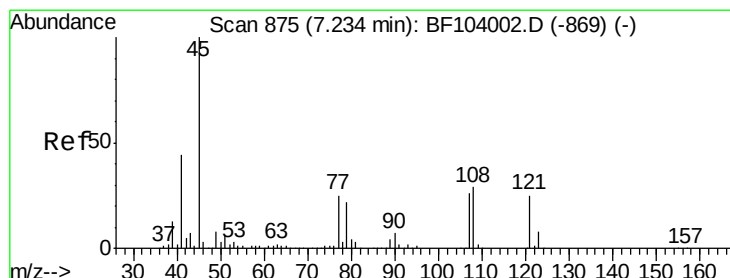
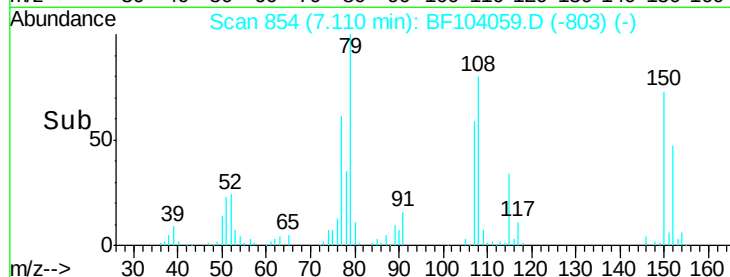
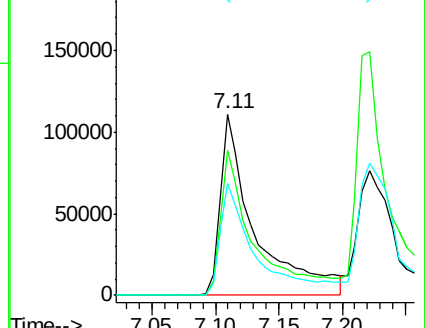
77 61.7 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.207 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

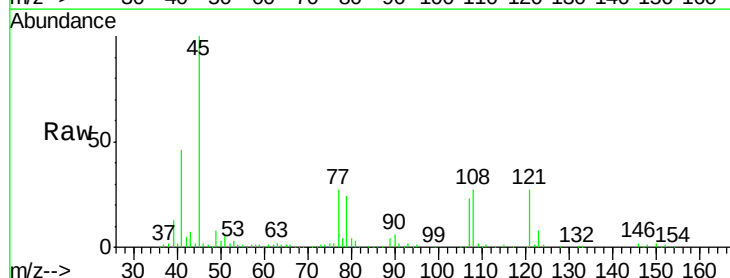
Tgt Ion: 45 Resp: 340398

Ion Ratio Lower Upper

45 100

77 26.7 0.0 32.9

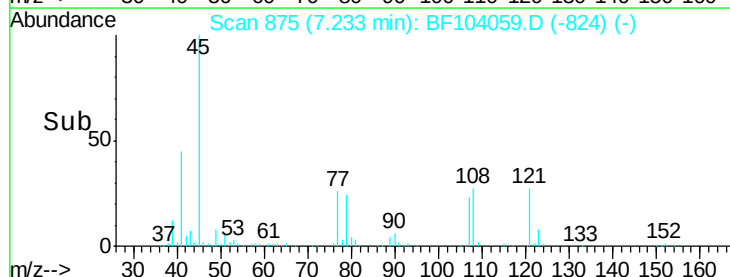
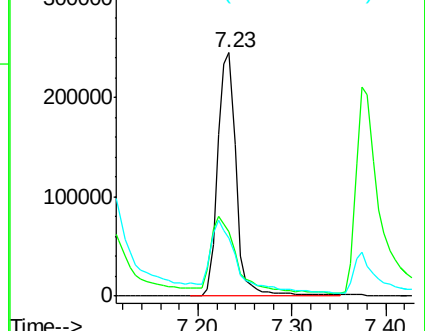
79 23.7 0.0 29.6

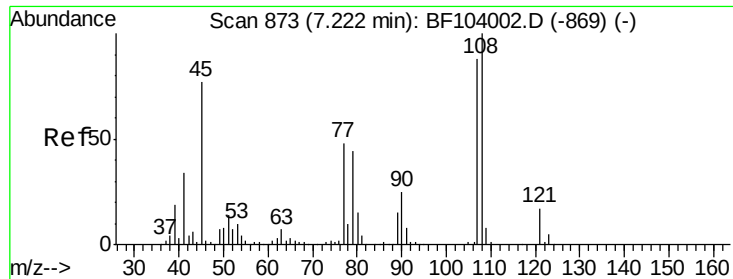


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

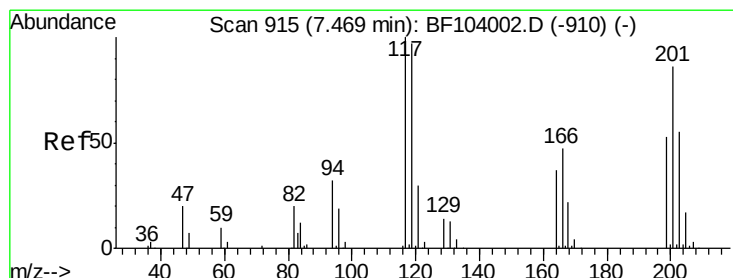
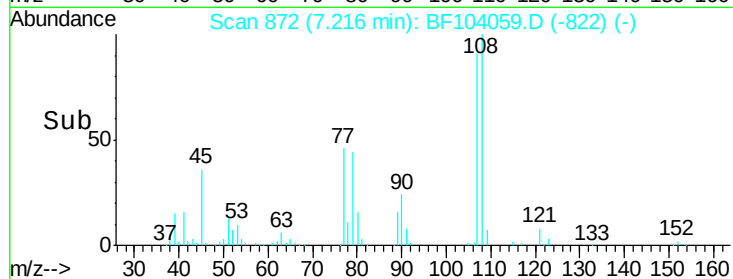
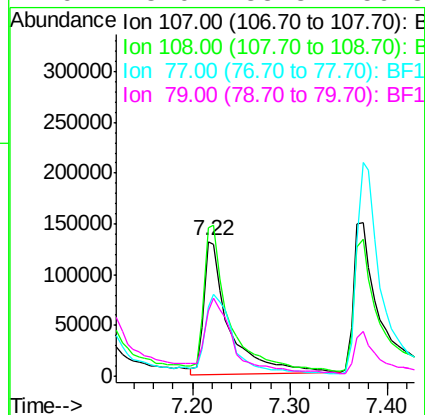
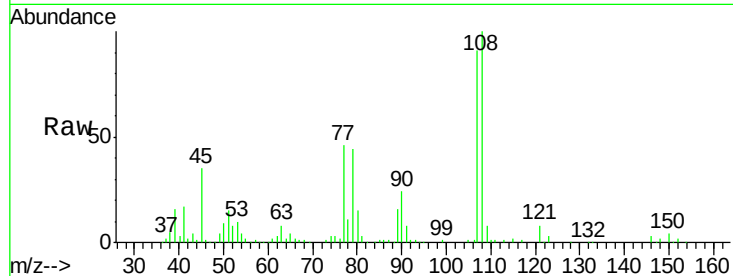




#17
2-Methylphenol
Concen: 37.752 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

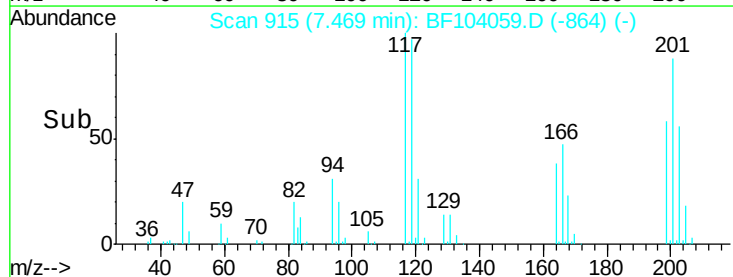
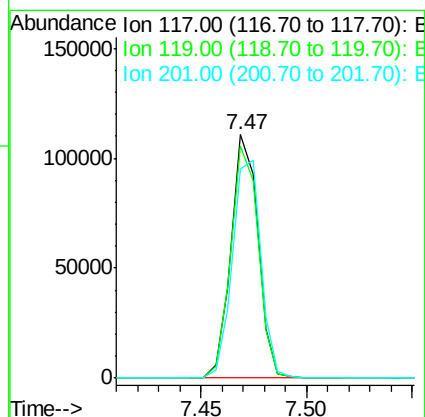
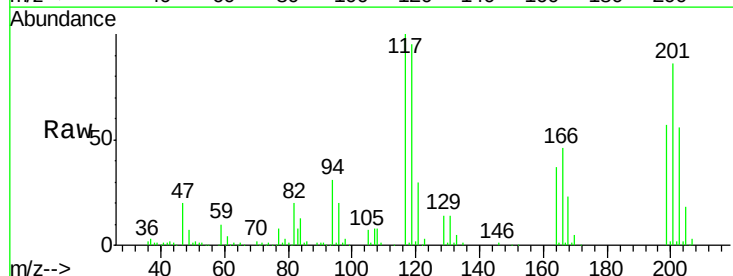
Instrument :
BNA_F
ClientSampled :

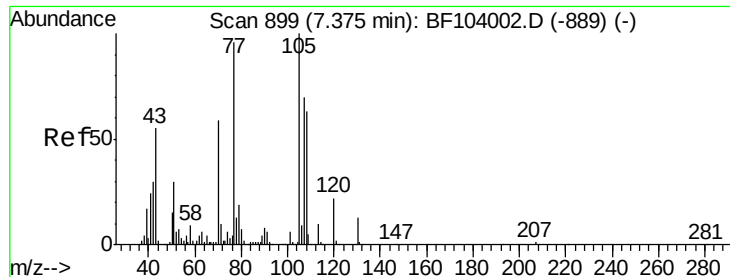
Tot Ion:107 Resp: 234649
Ion Ratio Lower Upper
107 100
108 110.3 91.7 137.5
77 50.8 33.8 50.8#
79 48.0 33.8 50.8



#18
Hexachloroethane
Concen: 31.659 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion:117 Resp: 97500
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
201 86.1 75.7 113.5

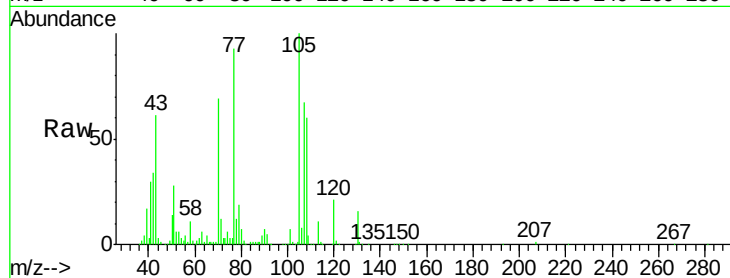




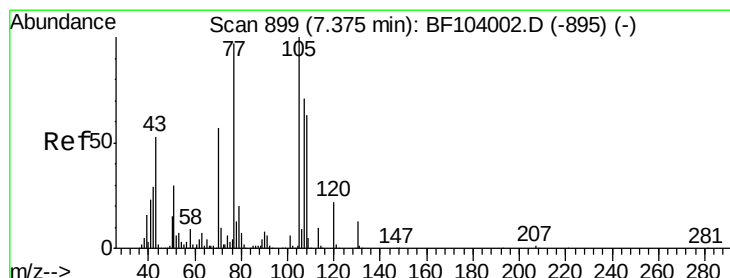
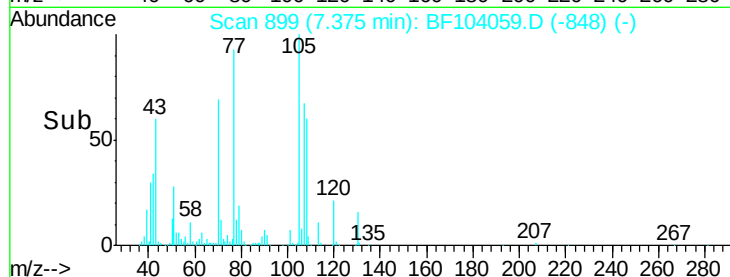
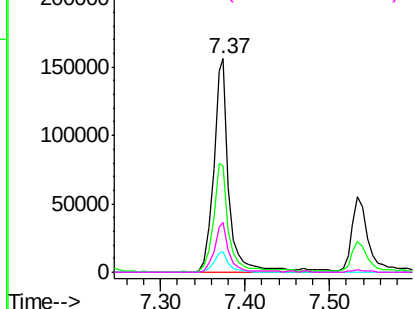
#19
n-Nitroso-di-n-propylamine
Concen: 39.759 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 202095
Ion Ratio Lower Upper
70 100
42 49.8 47.5 71.3
101 9.6 7.4 11.2
130 23.4 16.6 25.0



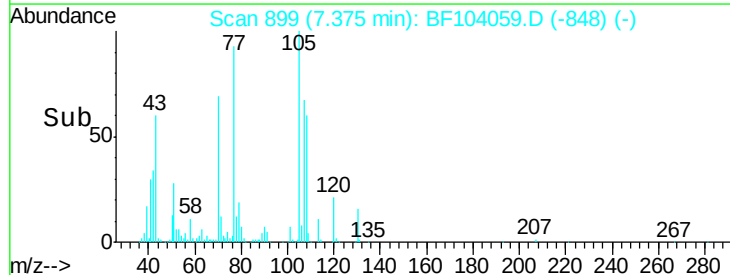
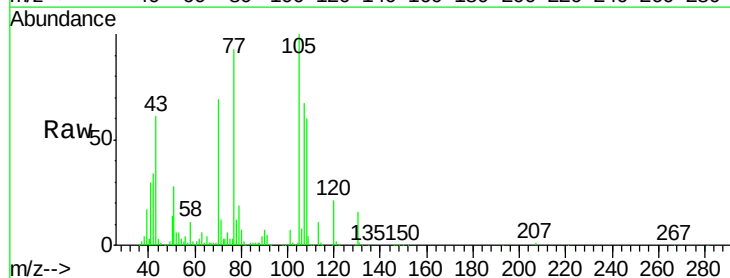
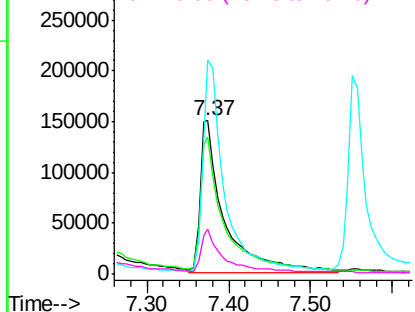
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

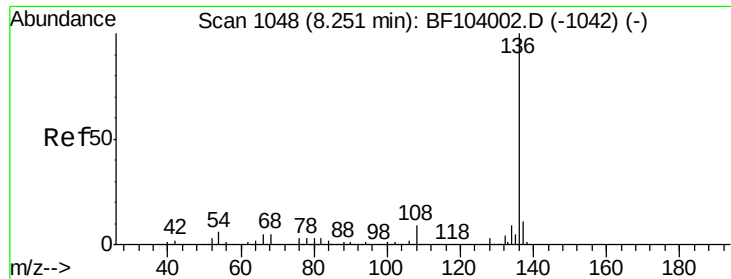


#20
3+4-Methylphenols
Concen: 39.904 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion: 107 Resp: 316539
Ion Ratio Lower Upper
107 100
108 89.5 68.2 108.2
77 139.2 26.7 66.7#
79 28.9 6.3 46.3

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

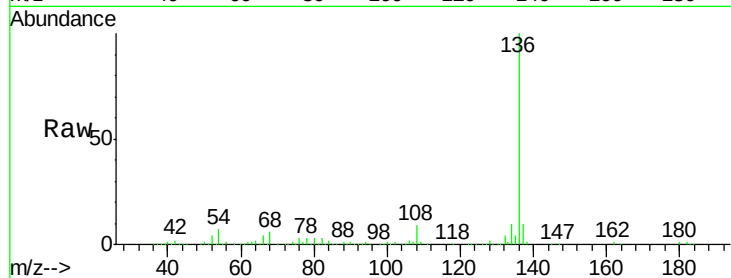




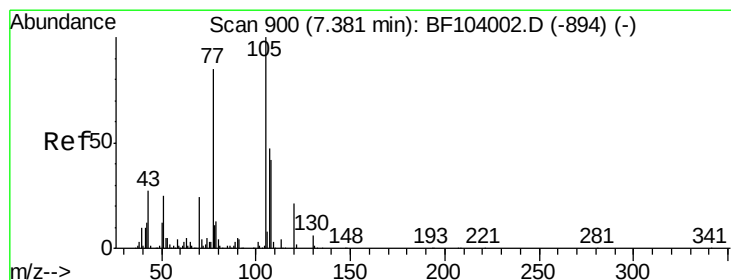
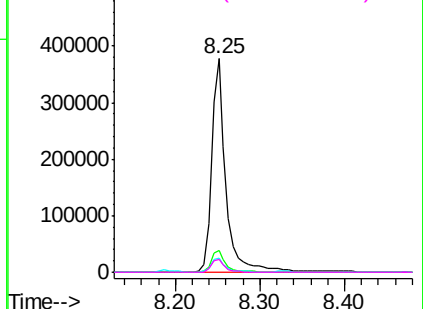
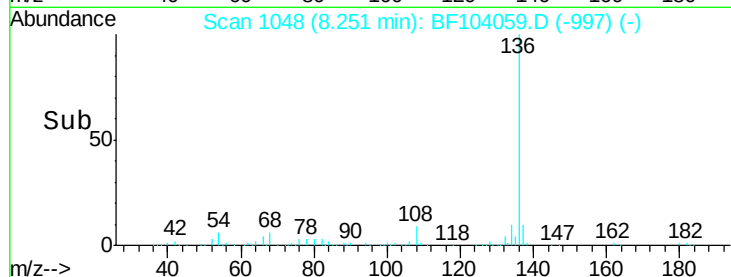
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	453113
Ion Ratio	Lower	Upper
136 100		
137 10.3	8.9	13.3
54 6.6	6.6	9.8
68 5.7	5.0	7.4

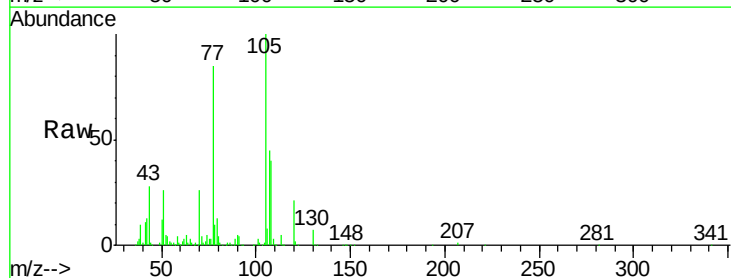


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

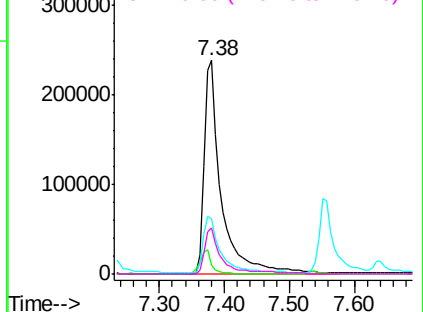
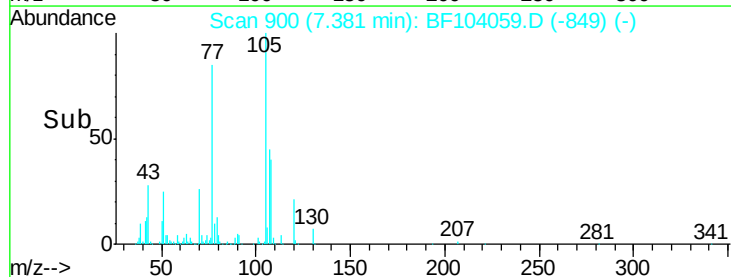


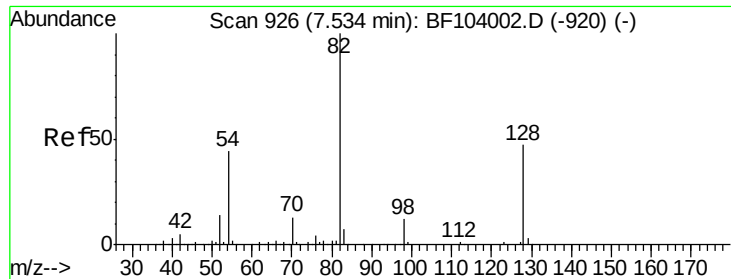
#22
Acetophenone
Concen: 39.584 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt	Ion:105	Resp:	433960
Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.4	6.6#
51	25.6	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

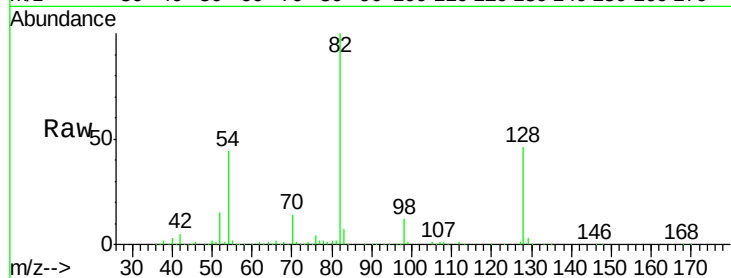




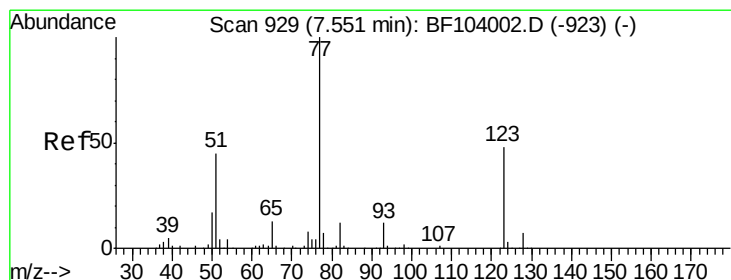
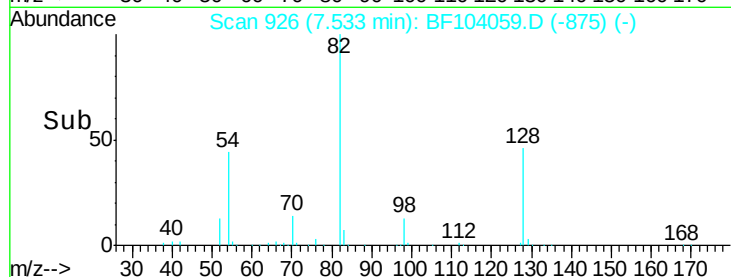
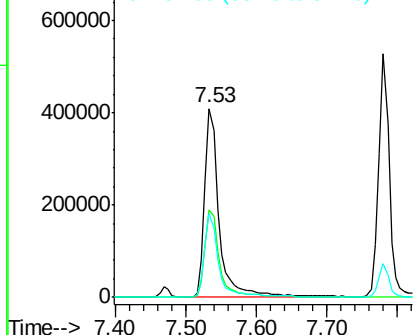
#23
 Nitrobenzene-d5
 Concen: 80.719 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	598065
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.1	54.1
54	44.5	41.4	62.2

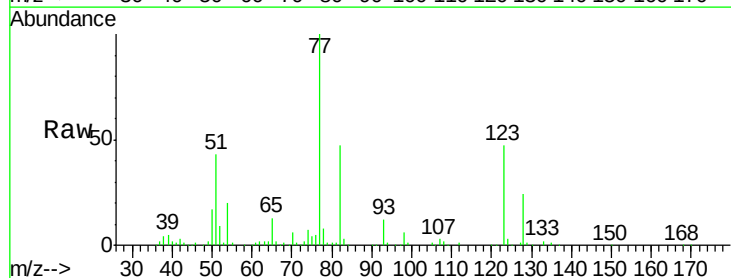


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

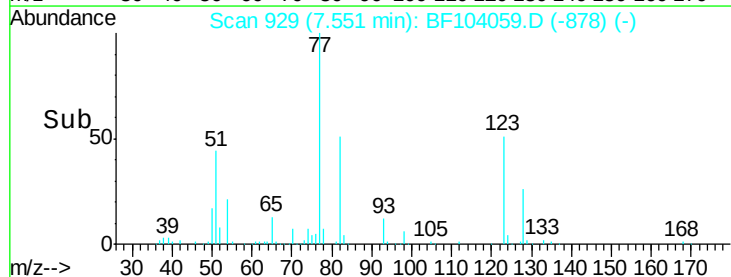
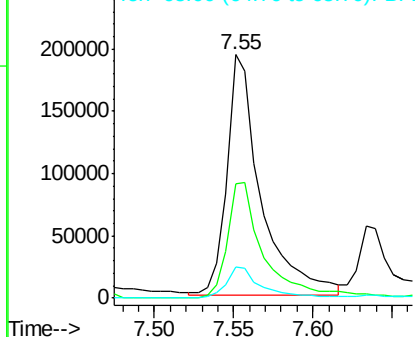


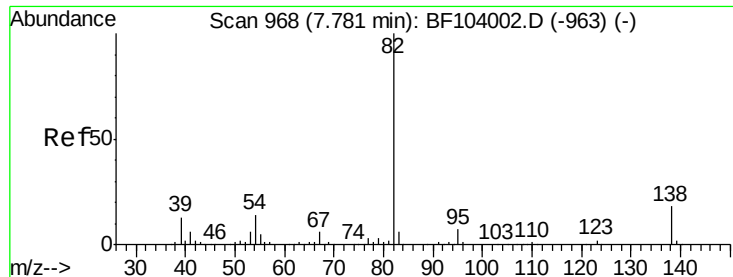
#24
 Nitrobenzene
 Concen: 37.114 ng
 RT: 7.55 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Tgt Ion	77	Resp	289330
Ion Ratio	Lower	Upper	
77	100		
123	46.9	37.9	56.9
65	12.8	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: 40.547 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampleId :

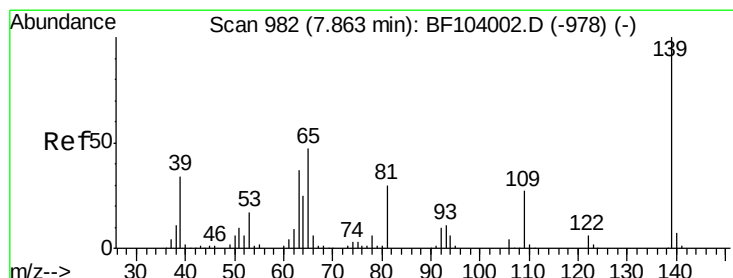
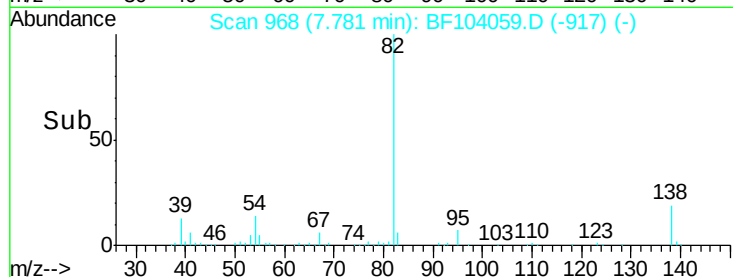
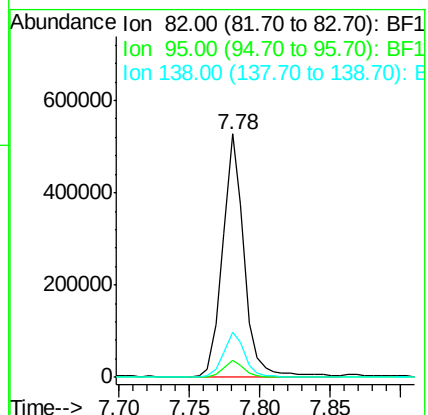
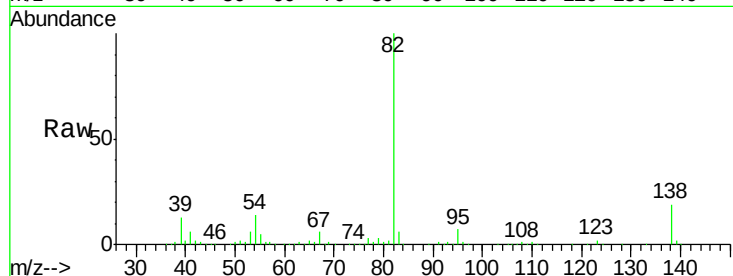
Tot Ion: 82 Resp: 553642

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 36.531 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

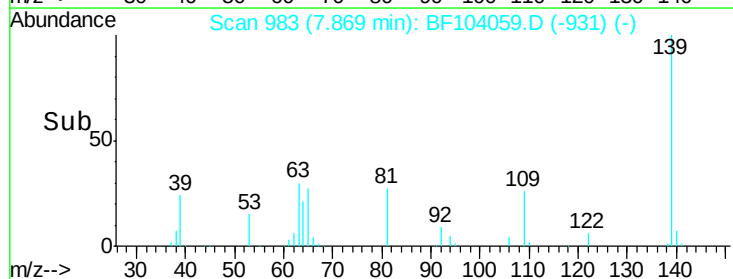
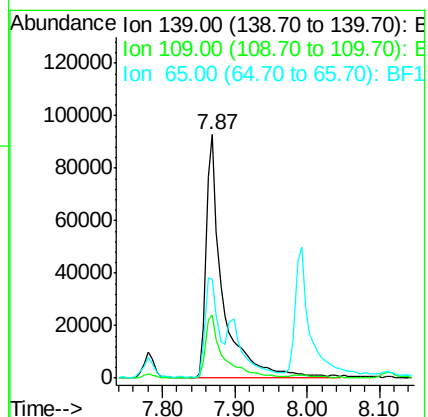
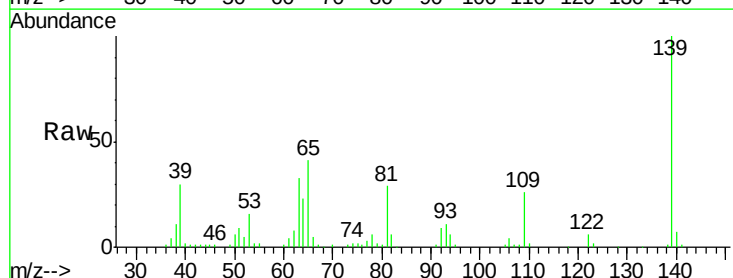
Tgt Ion: 139 Resp: 148655

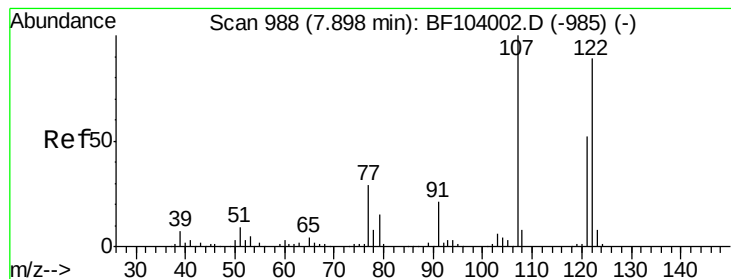
Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

65 40.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.628 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampleId :

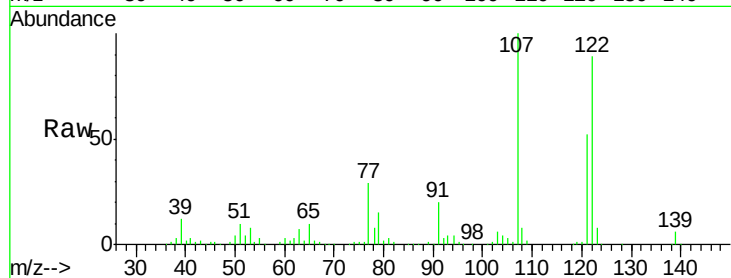
Tot Ion:122 Resp: 261912

Ion Ratio Lower Upper

122 100

107 112.2 91.2 136.8

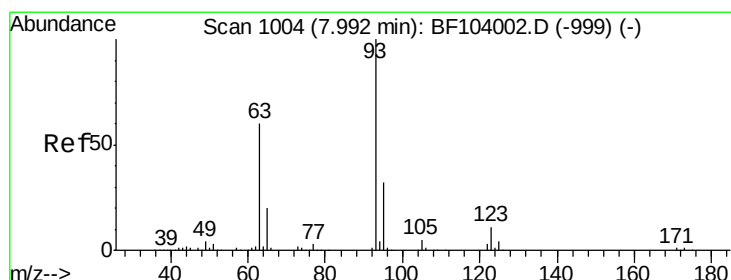
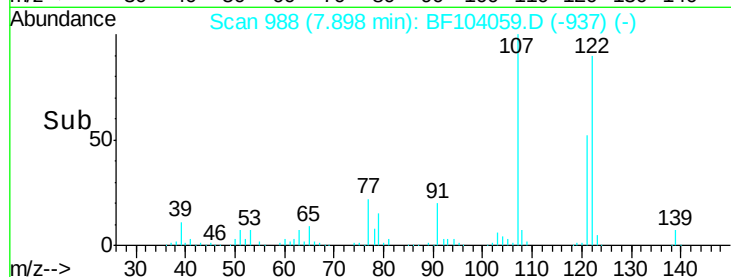
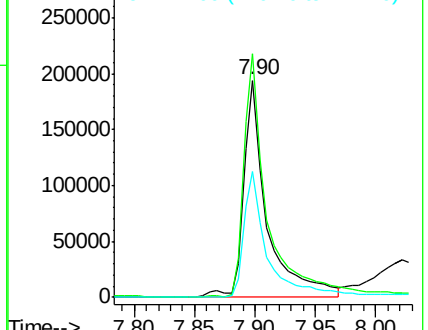
121 58.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.293 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

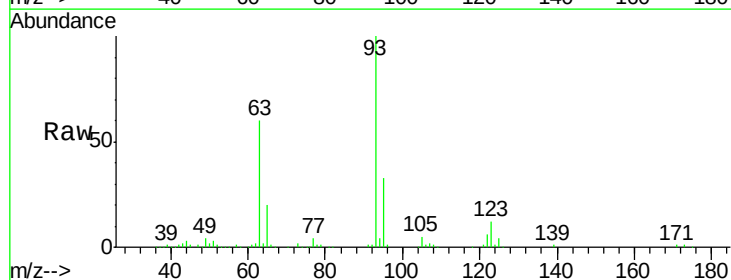
Tgt Ion: 93 Resp: 361936

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

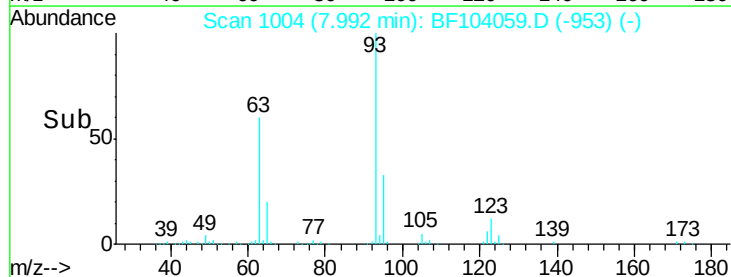
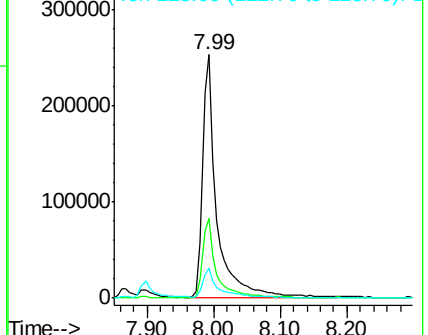
123 12.1 9.8 14.6

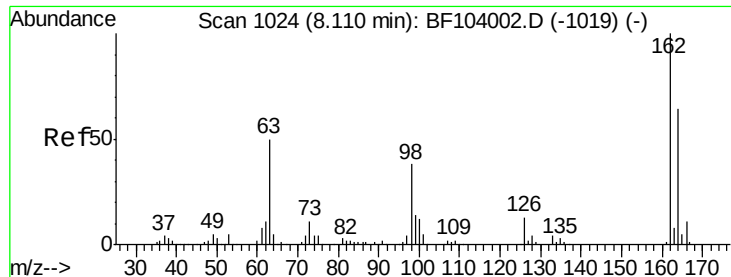


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

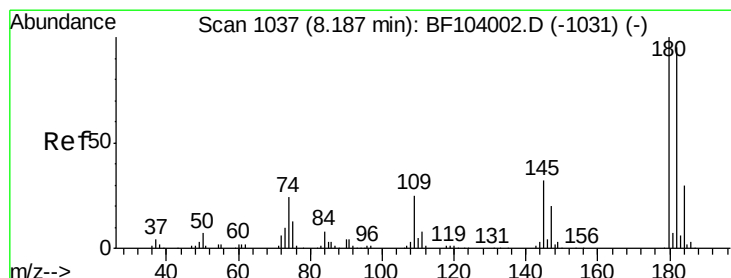
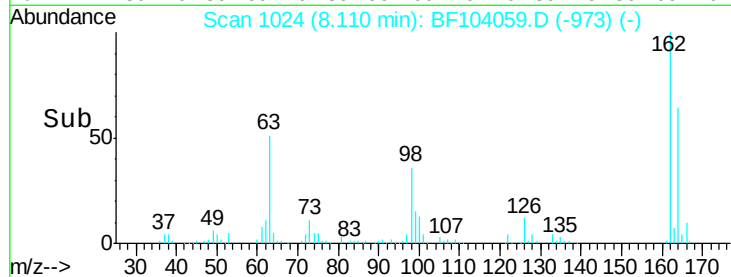
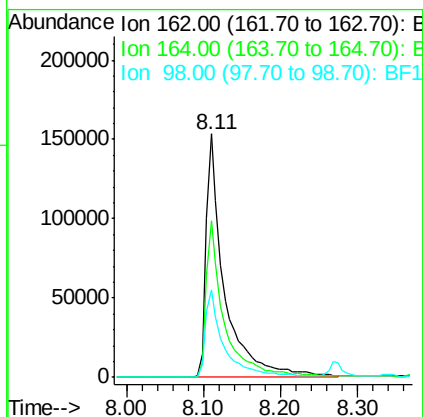
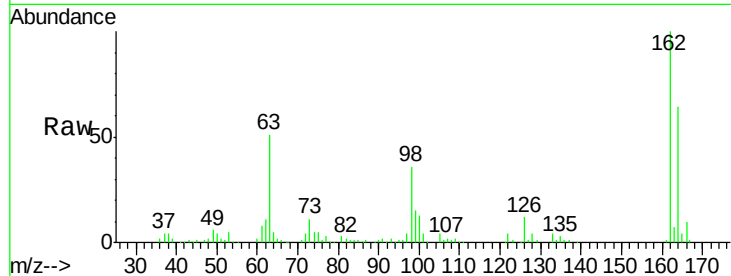




#29
 2,4-Dichlorophenol
 Concen: 41.281 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

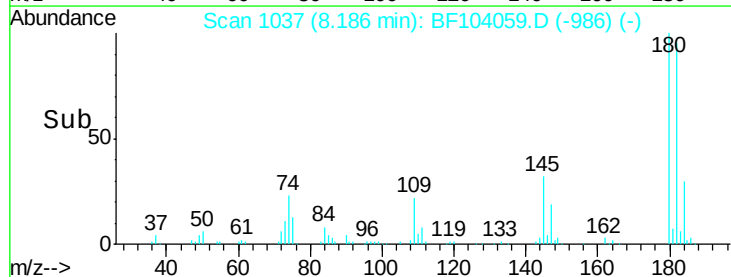
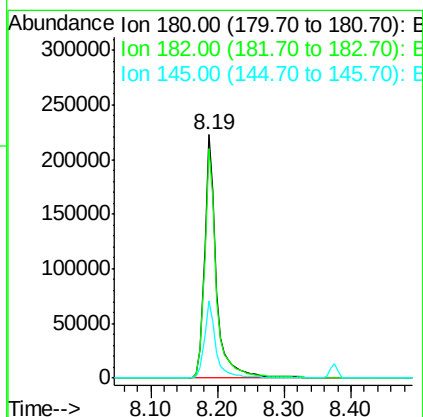
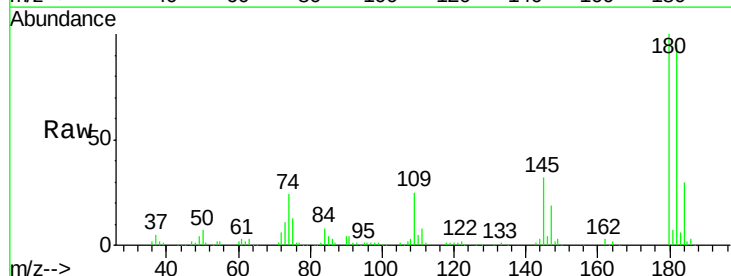
Instrument :
 BNA_F
 ClientSampled :

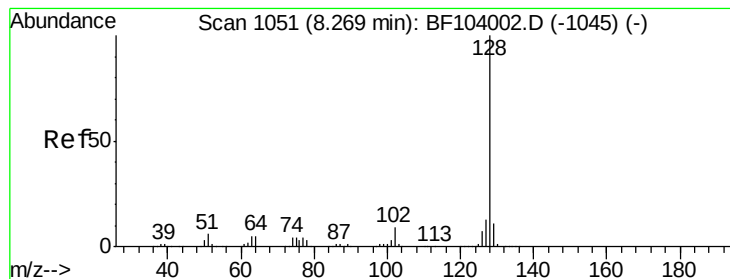
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	36.1	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.029 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.8	115.2
145	31.5	26.5	39.7





#31

Naphthalene

Concen: 41.543 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampled :

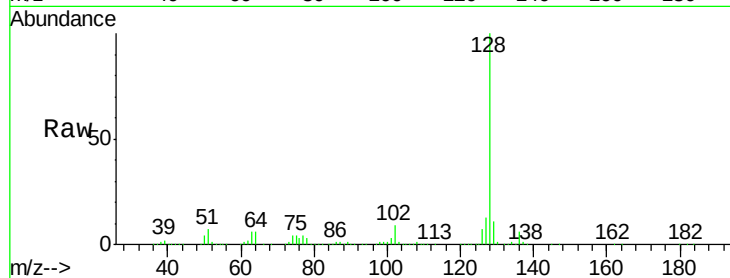
Tot Ion:128 Resp: 919593

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

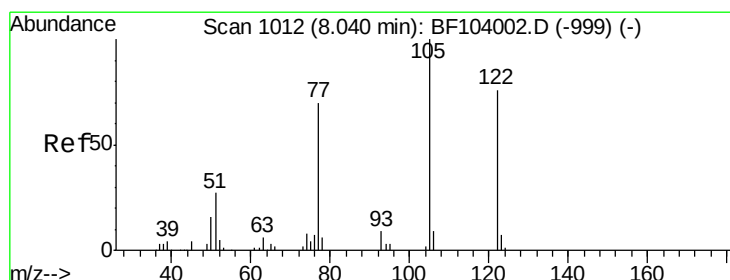
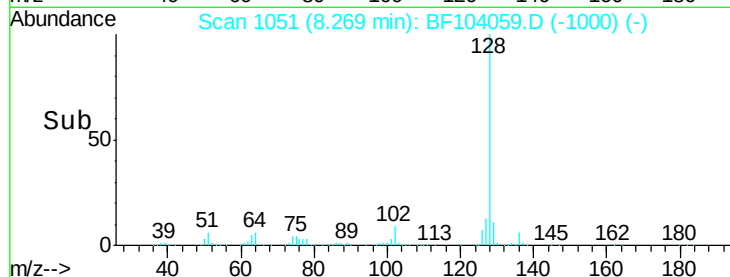
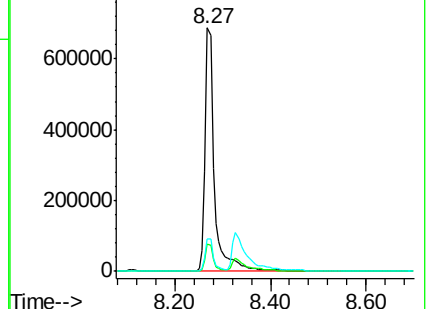
127 13.3 10.9 16.3



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: 26.625 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

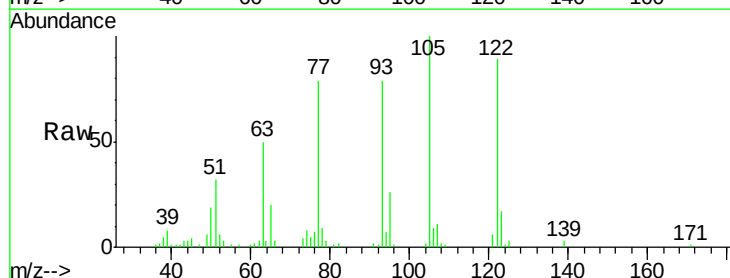
Tgt Ion:122 Resp: 114468

Ion Ratio Lower Upper

122 100

105 112.2 101.1 141.1

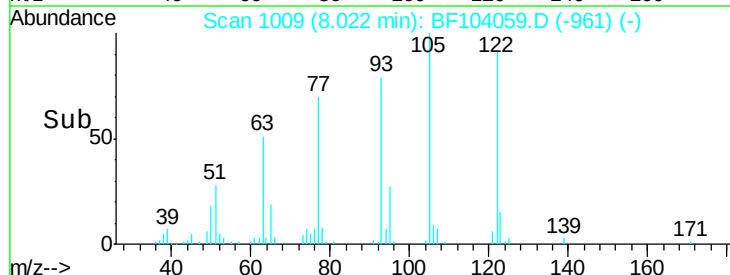
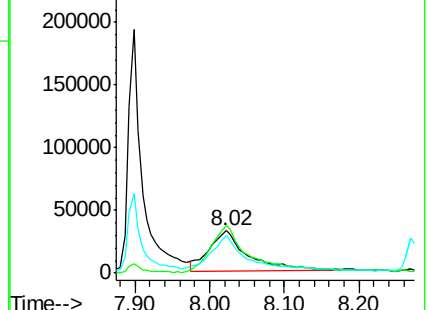
77 88.7 70.7 110.7

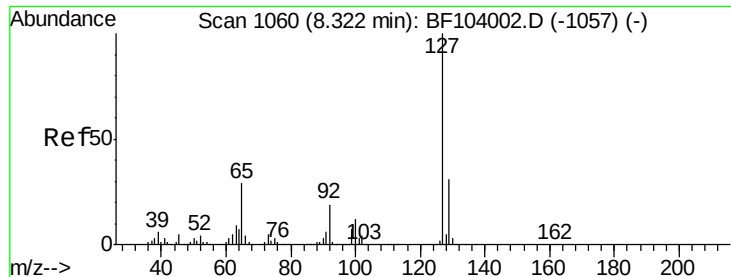


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

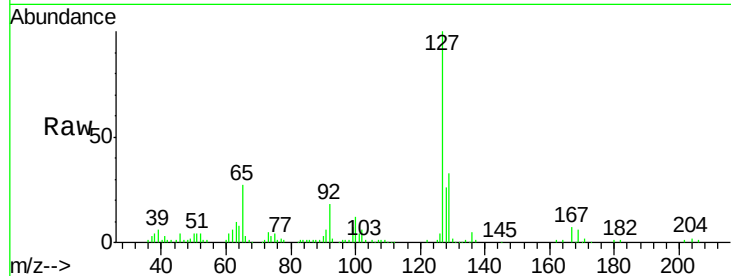




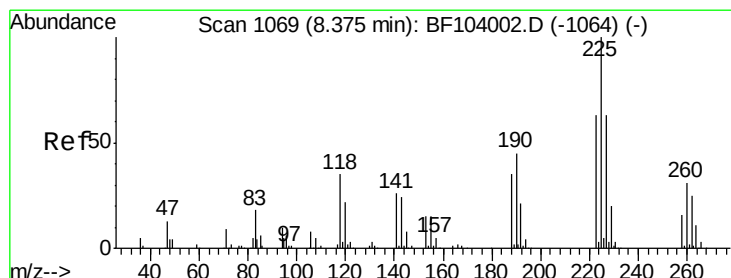
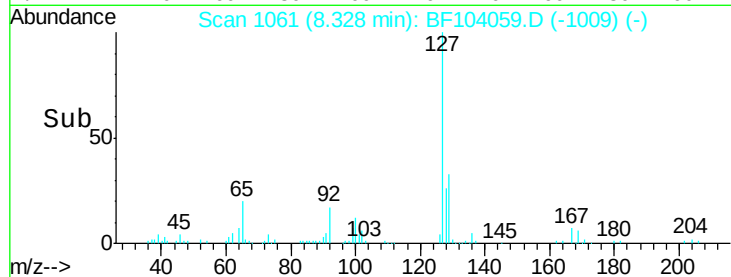
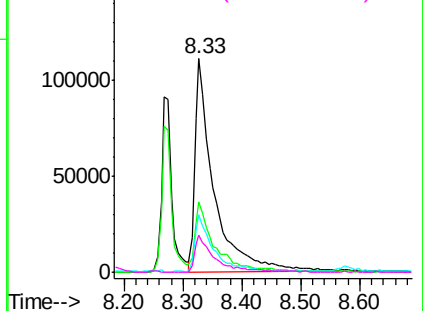
#33
4-Chloroaniline
Concen: 26.086 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	243443
Ion Ratio	Lower	Upper
127	100	
129	32.8	25.9 38.9
65	26.7	25.0 37.4
92	17.6	15.2 22.8

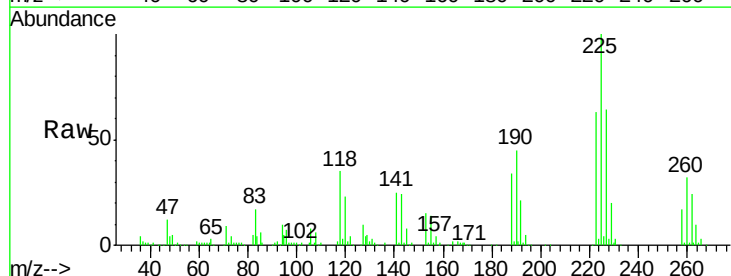


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

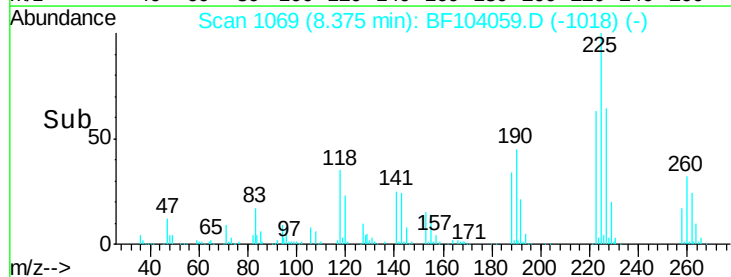
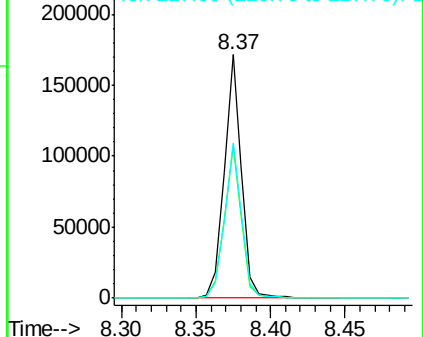


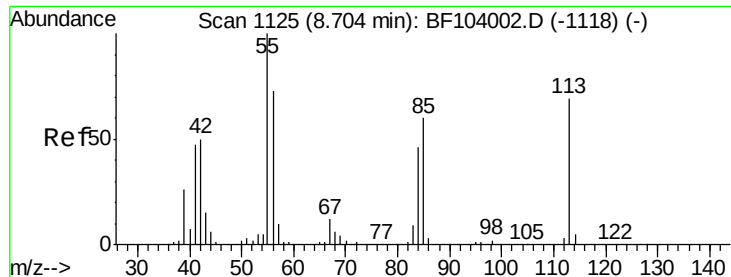
#34
Hexachlorobutadiene
Concen: 37.192 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion:225	Resp:	140764
Ion Ratio	Lower	Upper
225	100	
223	62.8	50.6 76.0
227	63.6	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

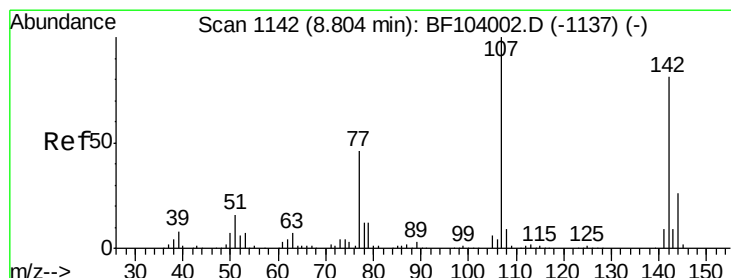
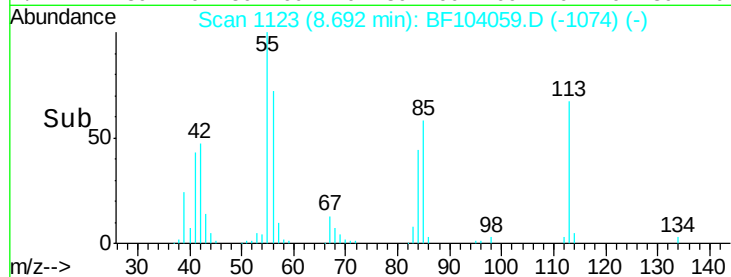
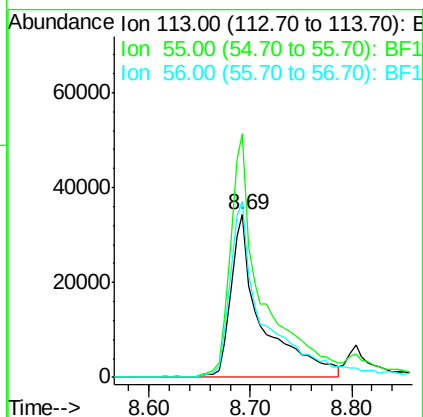
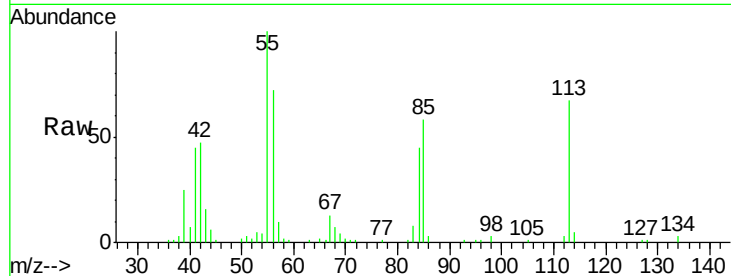




#35
 Caprolactam
 Concen: 37.311 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

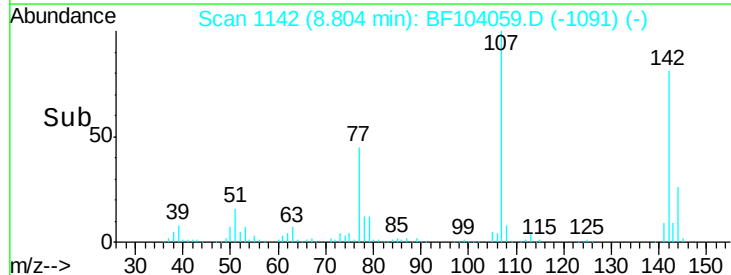
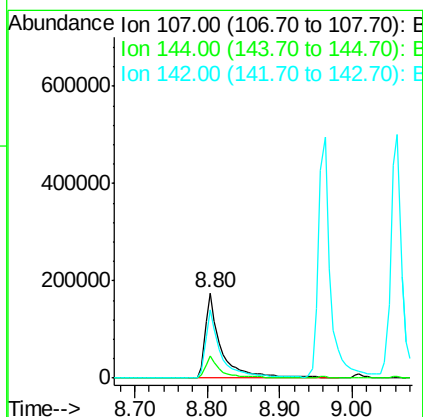
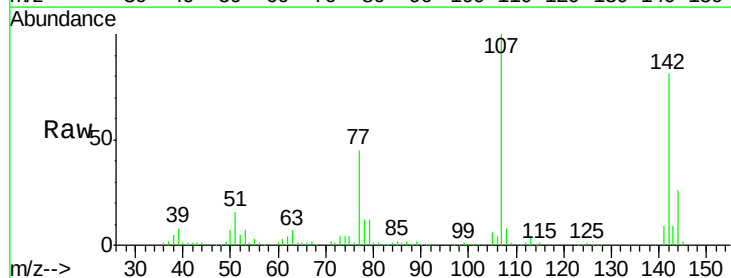
Instrument :
 BNA_F
 ClientSampleId :

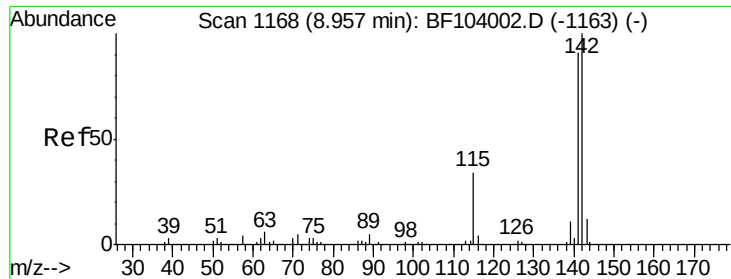
Tot Ion:113 Resp: 72521
 Ion Ratio Lower Upper
 113 100
 55 149.8 163.3 203.3#
 56 108.3 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 41.154 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Tgt Ion:107 Resp: 266831
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 80.5 62.0 93.0

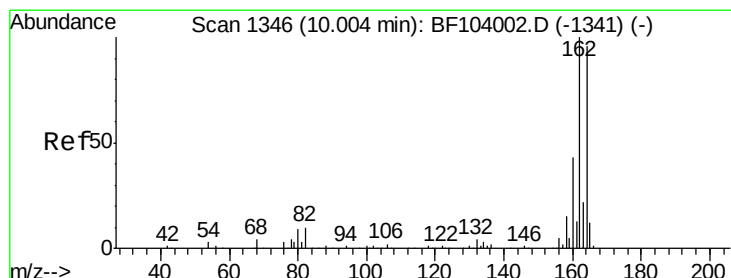
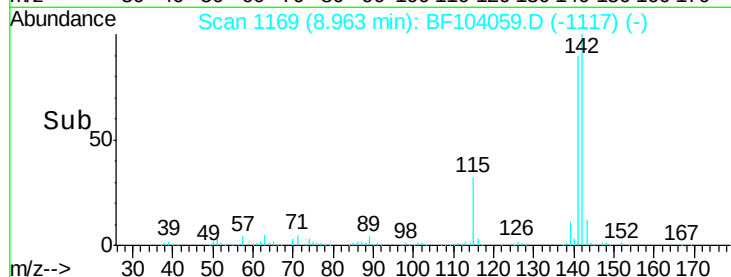
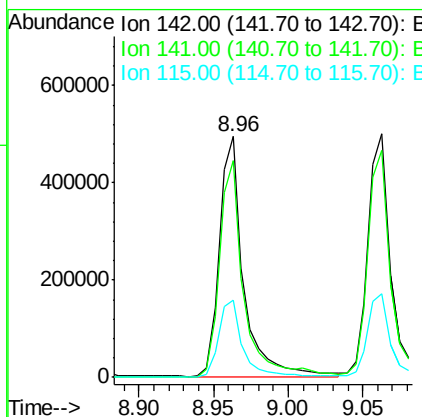
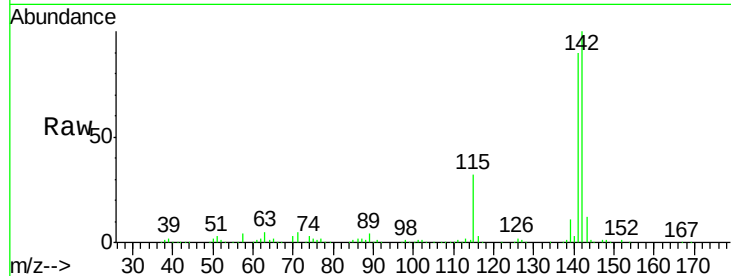




#37
2-Methylnaphthalene
Concen: 38.919 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

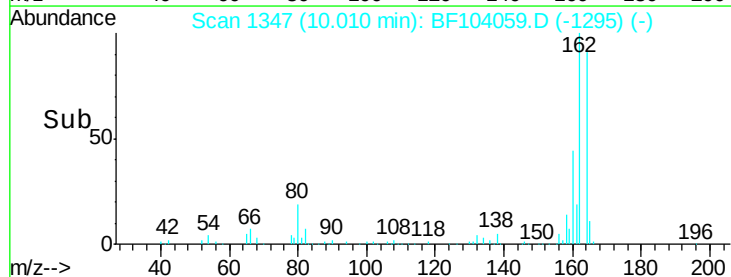
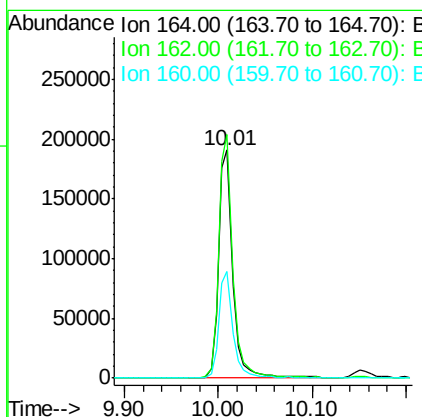
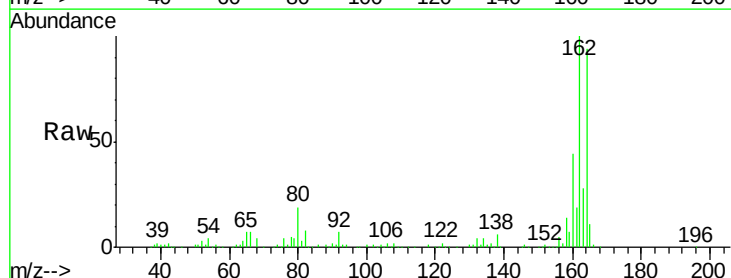
Instrument :
BNA_F
ClientSampleId :

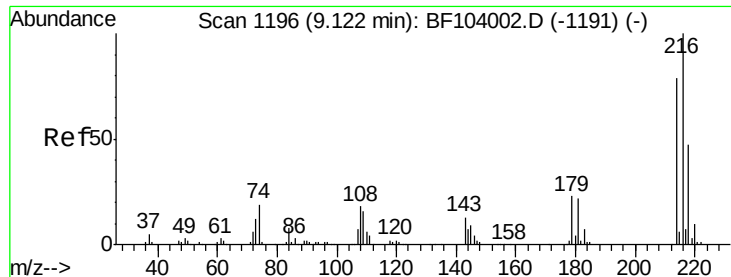
Tot Ion:142 Resp: 567489
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2
115 32.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion:164 Resp: 203174
Ion Ratio Lower Upper
164 100
162 106.9 86.1 129.1
160 46.6 38.3 57.5

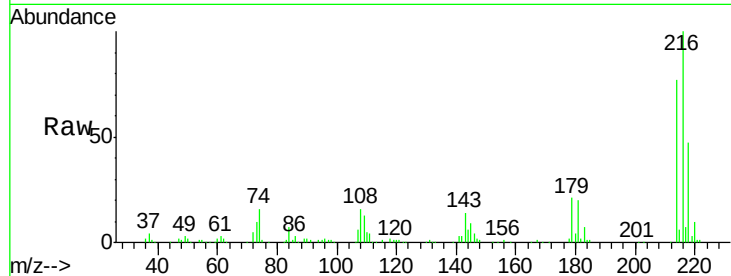




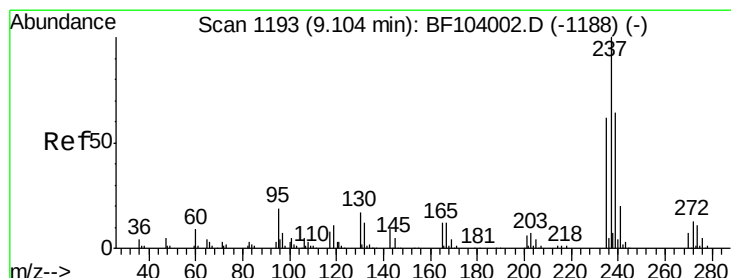
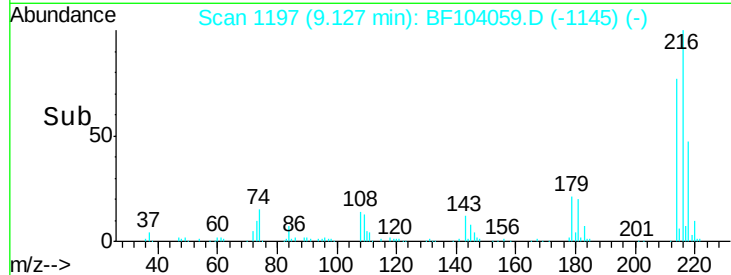
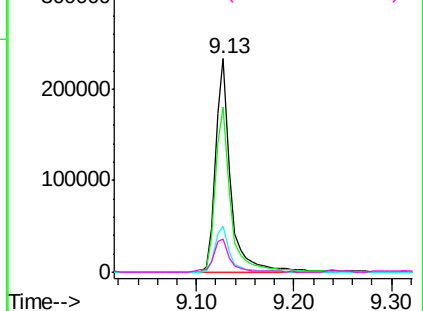
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.416 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	251807
Ion Ratio	Lower	Upper
216	100	
214	79.4	63.0 94.4
179	22.1	18.1 27.1
108	18.0	17.2 25.8

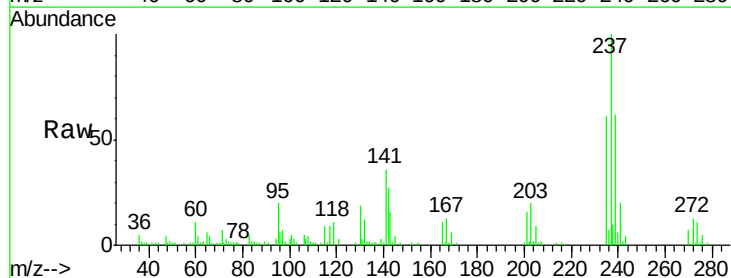


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

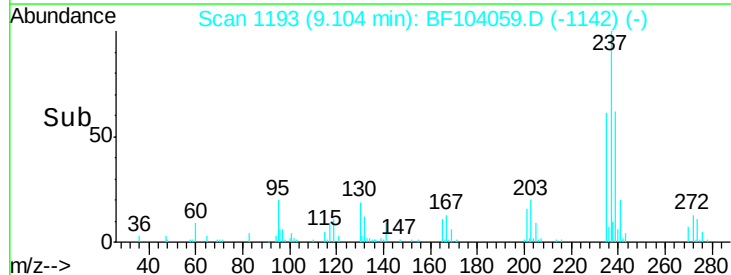
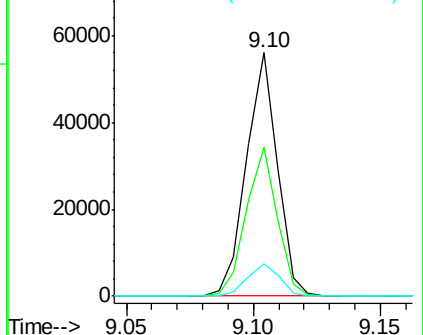


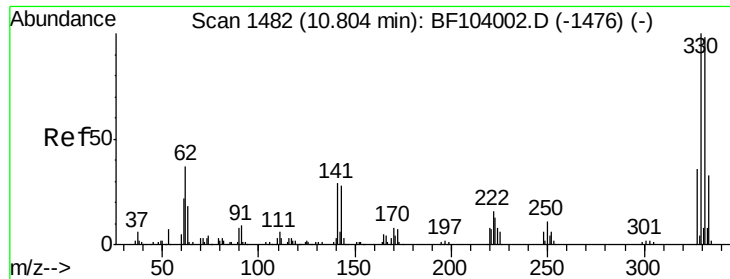
#40
 Hexachlorocyclopentadiene
 Concen: 20.583 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Tgt Ion:237	Resp:	47785
Ion Ratio	Lower	Upper
237	100	
235	61.4	44.8 84.8
272	13.2	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

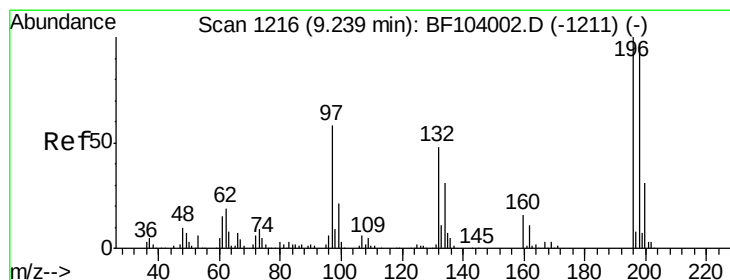
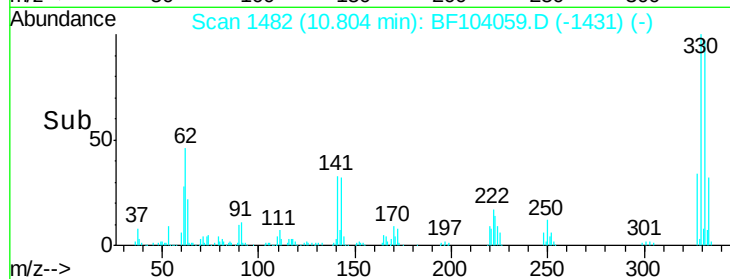
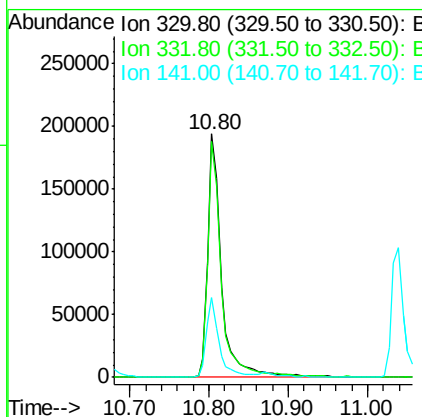
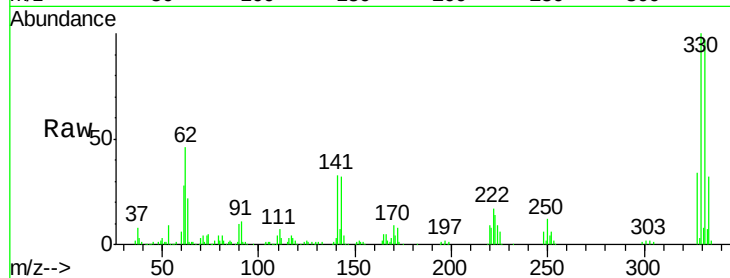




#41
 2,4,6-Tribromophenol
 Concen: 105.131 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

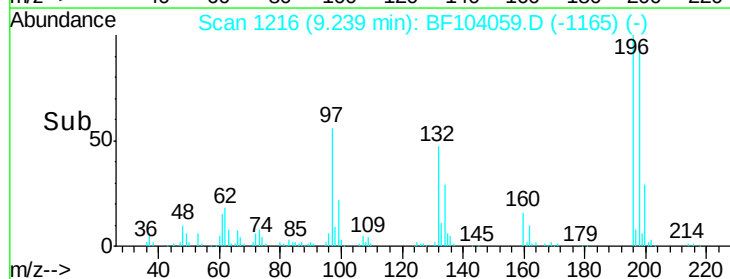
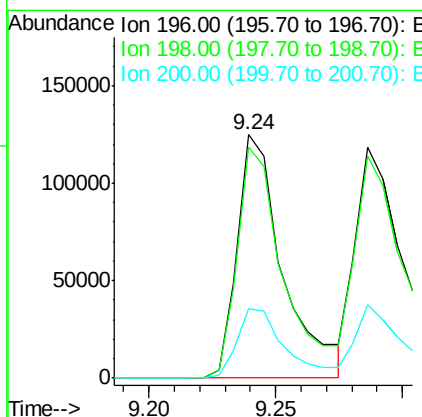
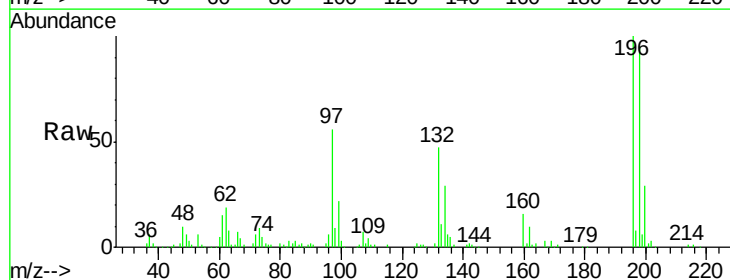
Instrument :
 BNA_F
 ClientSampled :

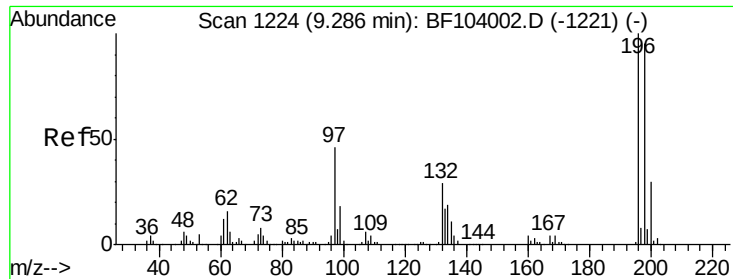
Tot Ion:330 Resp: 237843
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 30.1 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.849 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Tgt Ion:196 Resp: 157211
 Ion Ratio Lower Upper
 196 100
 198 94.6 75.7 113.5
 200 28.7 24.5 36.7

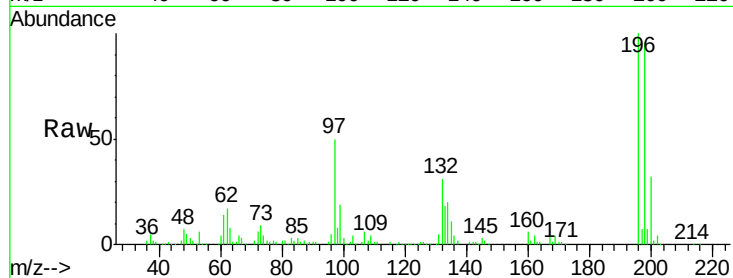




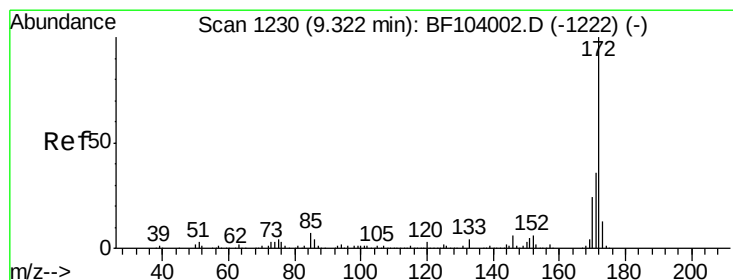
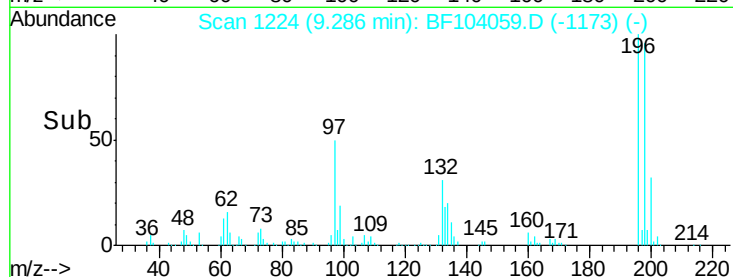
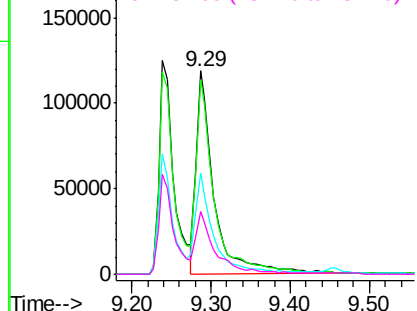
#43
2,4,5-Trichlorophenol
Concen: 38.795 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:196 Resp: 184799
Ion Ratio Lower Upper
196 100
198 96.1 74.6 112.0
97 50.0 42.9 64.3
132 30.9 26.3 39.5

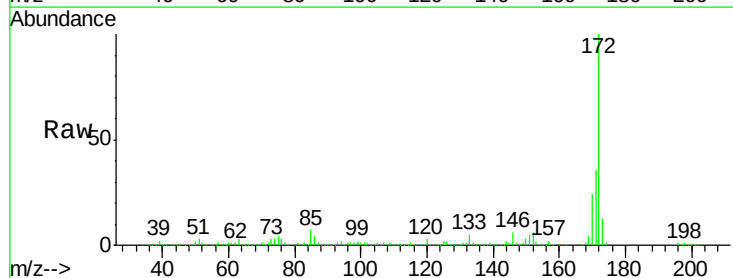


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

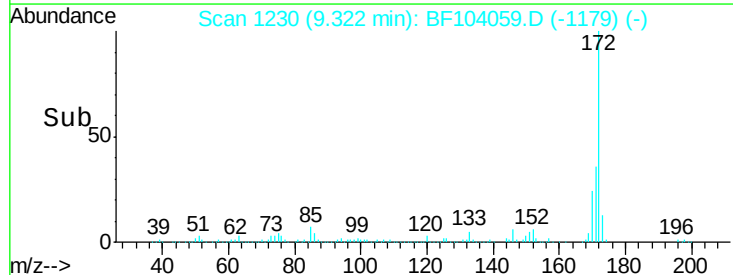
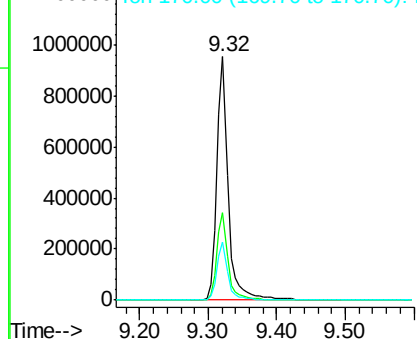


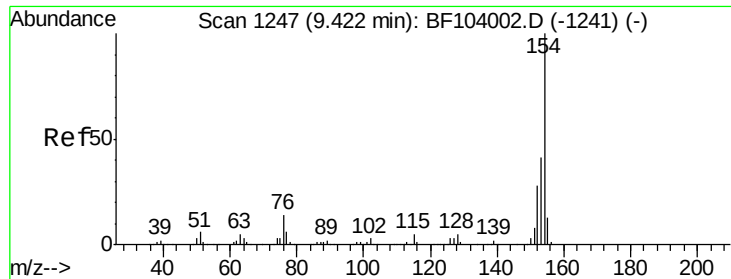
#44
2-Fluorobiphenyl
Concen: 83.192 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion:172 Resp: 1071871
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.0 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: 40.150 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.01 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampleId :

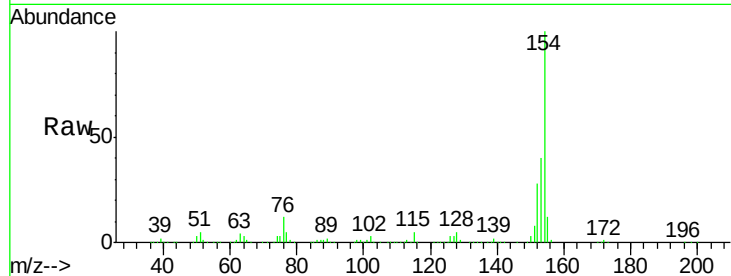
Tot Ion:154 Resp: 700124

Ion Ratio Lower Upper

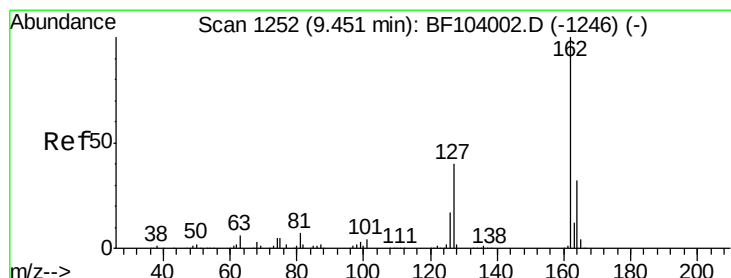
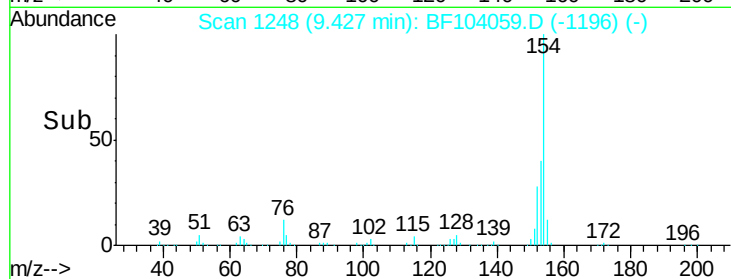
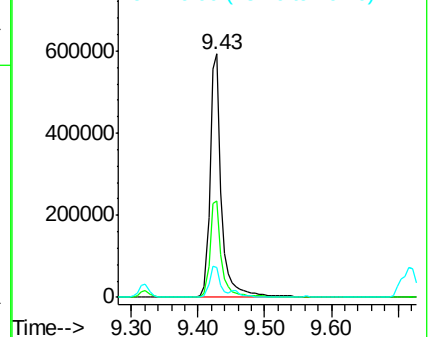
154 100

153 39.6 21.3 61.3

76 12.1 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: 38.863 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

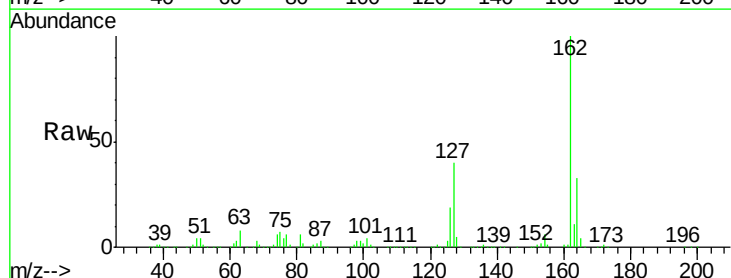
Tgt Ion:162 Resp: 534562

Ion Ratio Lower Upper

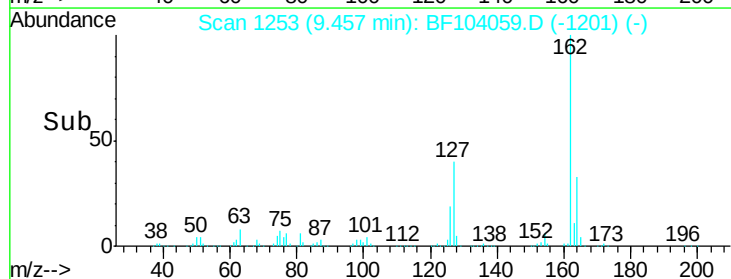
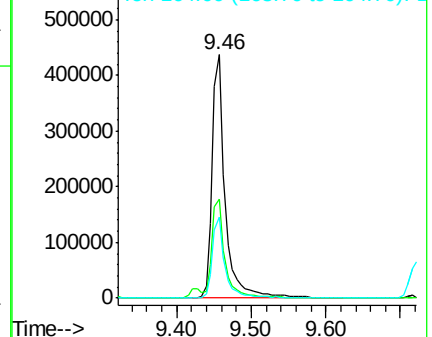
162 100

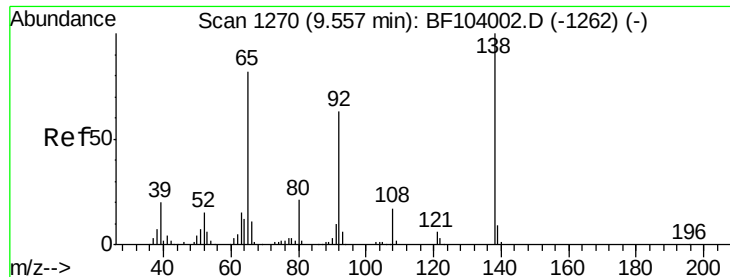
127 40.4 33.9 50.9

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: 40.515 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampled :

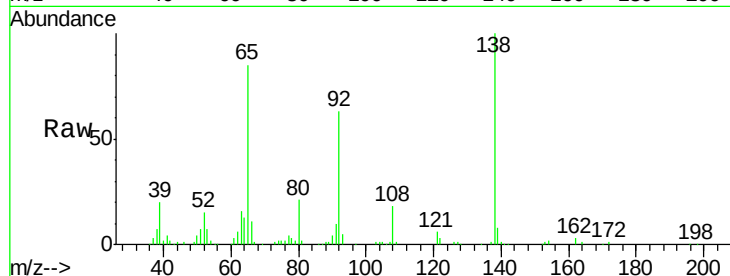
Tot Ion: 65 Resp: 158909

Ion Ratio Lower Upper

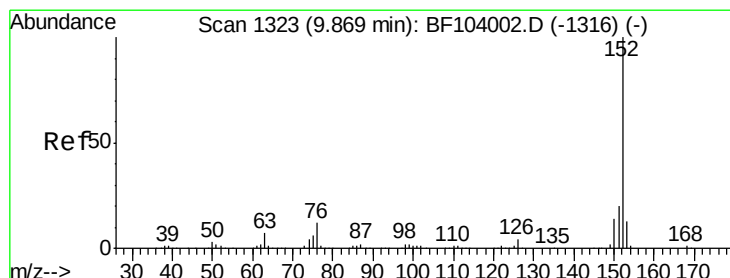
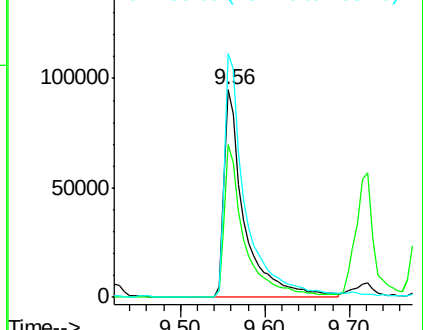
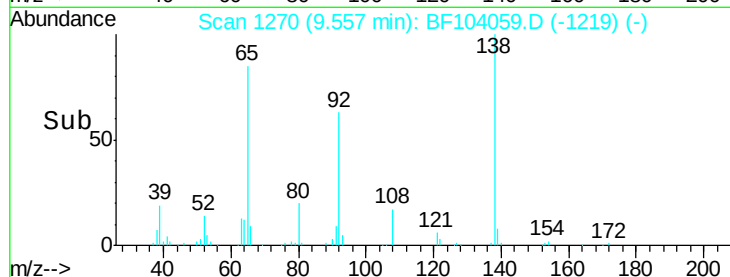
65 100

92 73.9 55.8 83.6

138 117.5 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: 37.383 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

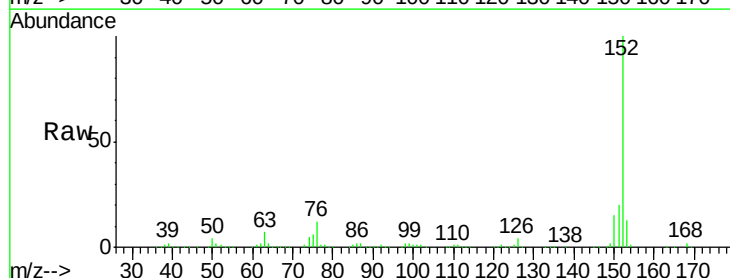
Tgt Ion: 152 Resp: 779018

Ion Ratio Lower Upper

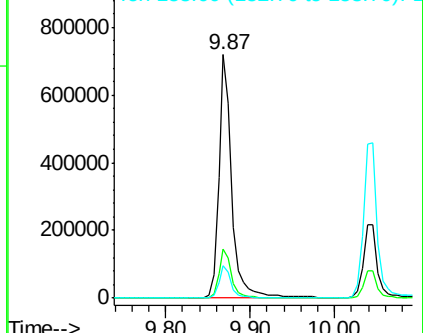
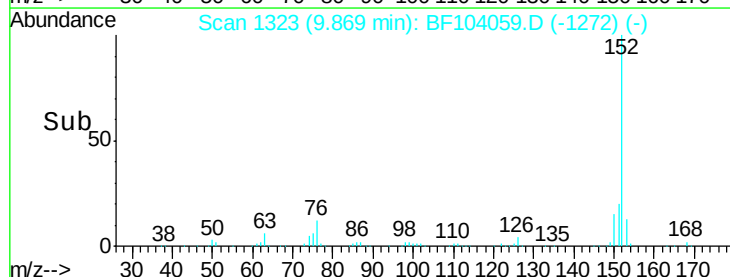
152 100

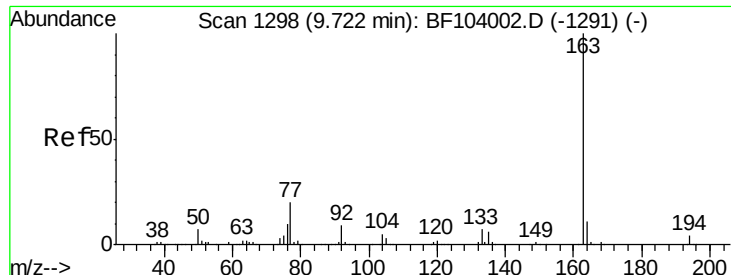
151 20.0 16.3 24.5

153 13.2 10.7 16.1



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

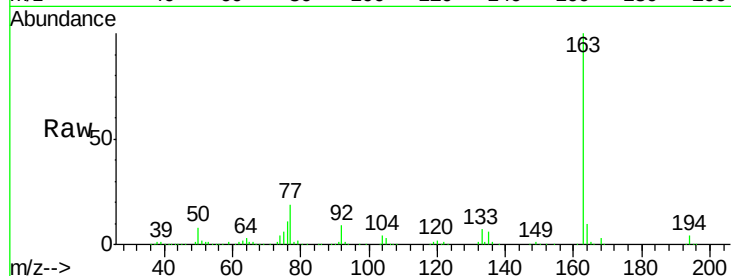




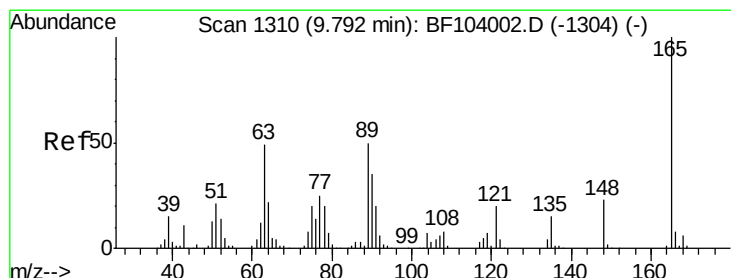
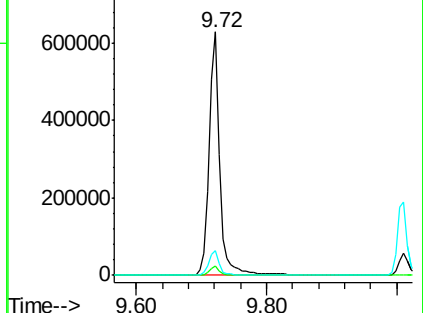
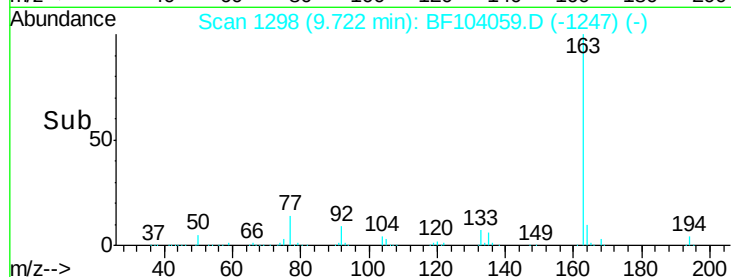
#49
Dimethylphthalate
Concen: 44.844 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 719360
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

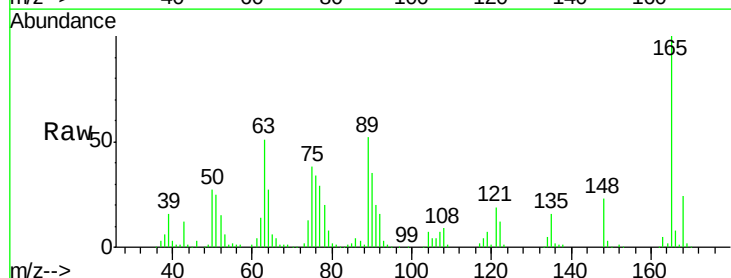


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

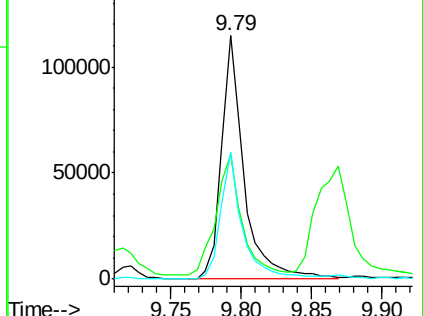
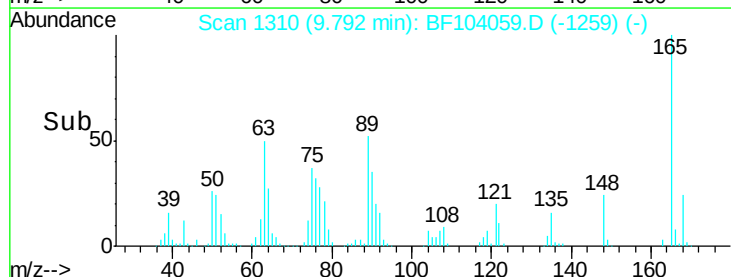


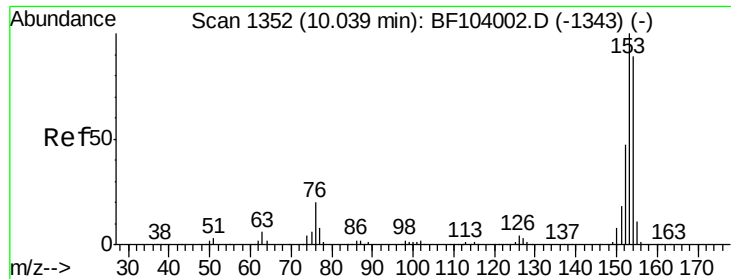
#50
2,6-Dinitrotoluene
Concen: 37.255 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion:165 Resp: 128572
Ion Ratio Lower Upper
165 100
63 51.4 44.7 67.1
89 52.1 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: 39.672 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampleId :

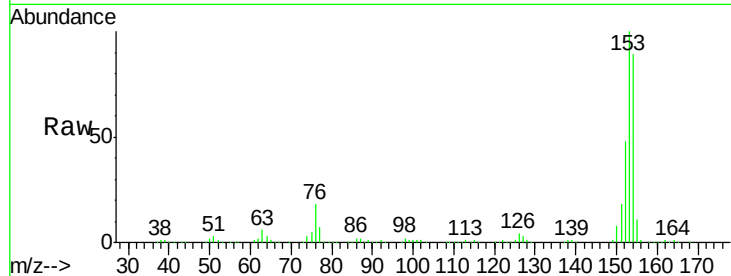
Tot Ion:154 Resp: 478244

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

152 53.5 43.8 65.8

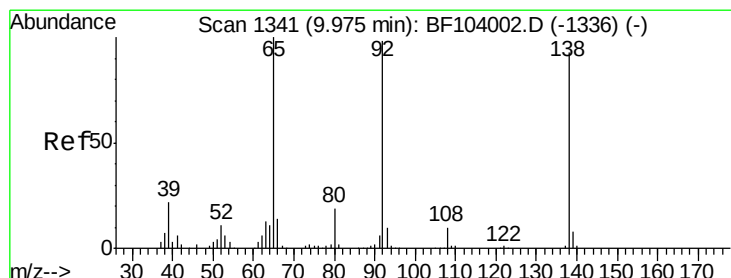
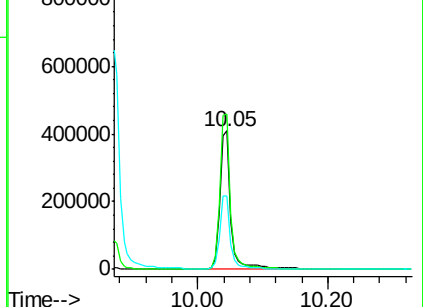
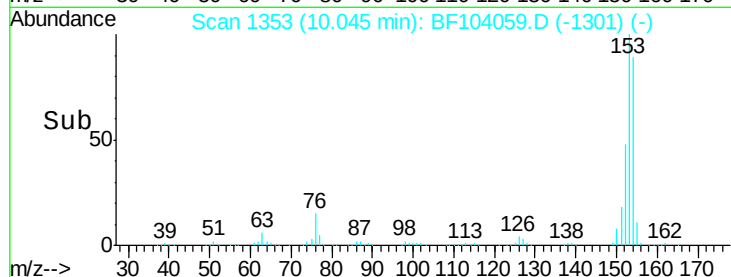


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



#52

3-Nitroaniline

Concen: 31.547 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

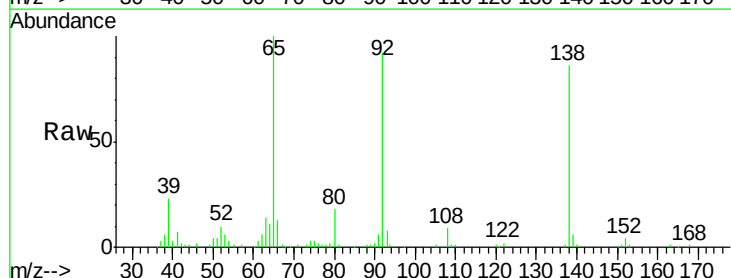
Tgt Ion:138 Resp: 125154

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

92 107.9 89.4 134.2

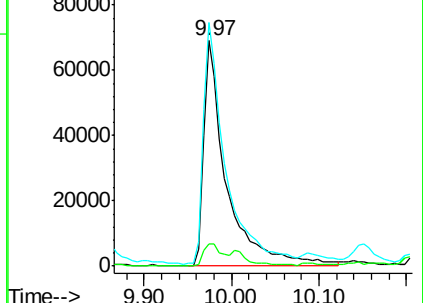
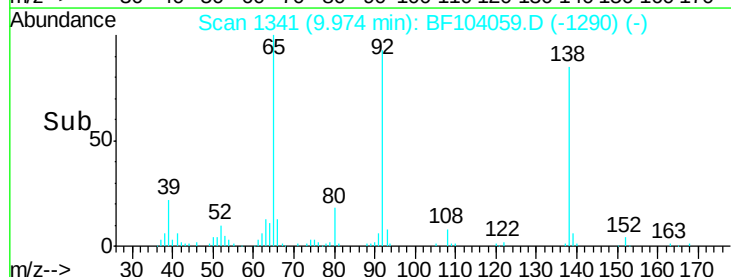


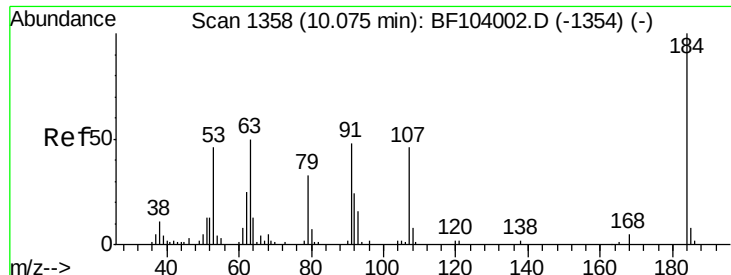
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

Time-->

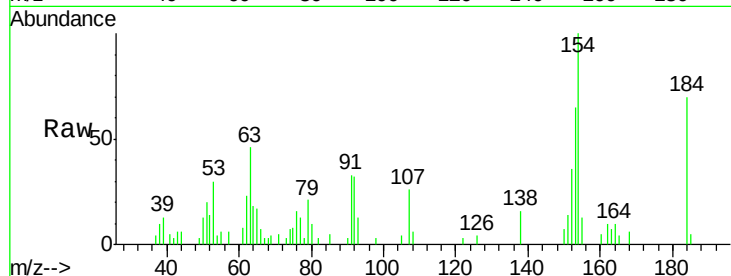




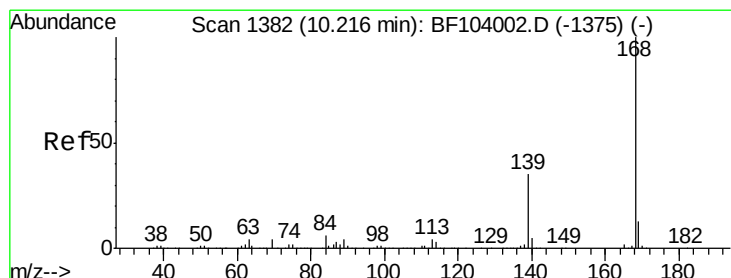
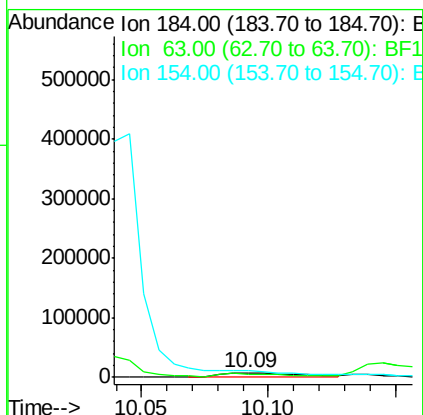
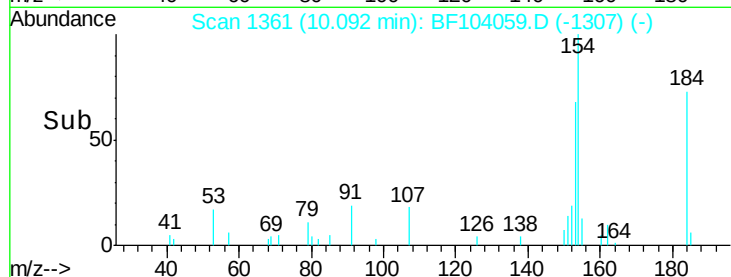
#53
2,4-Dinitrophenol
Concen: 15.999 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.02 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 16885
Ion Ratio Lower Upper
184 100
63 65.5 54.2 81.2
154 141.9 184.0 276.0#

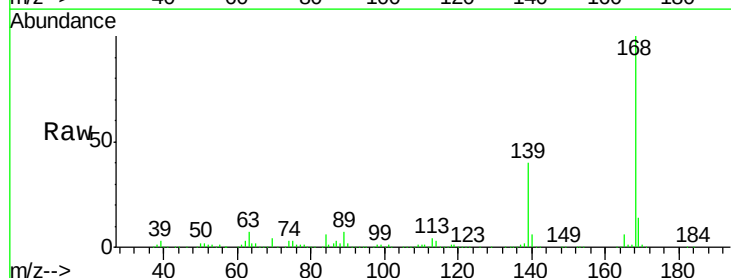


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

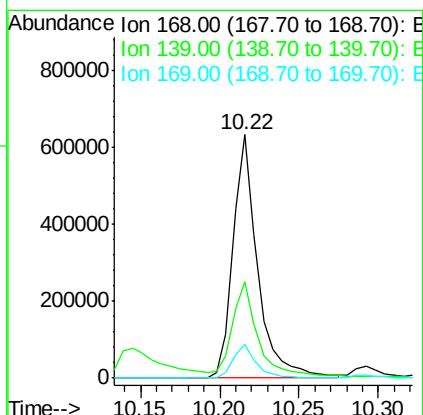
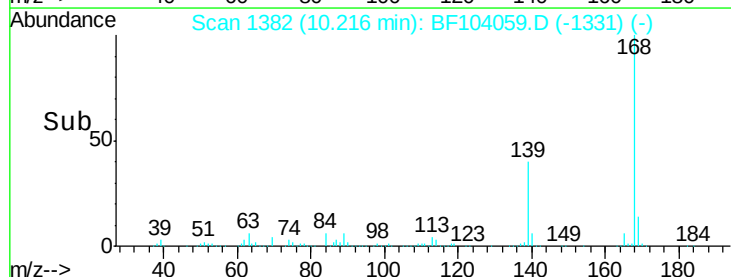


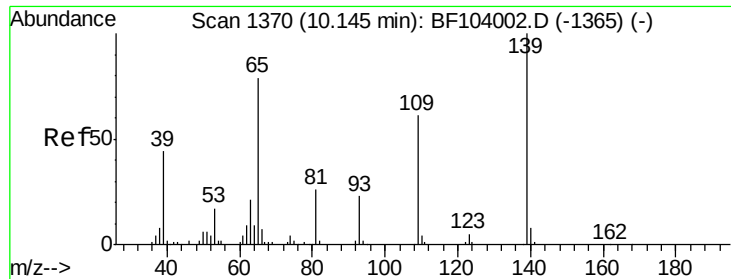
#54
Dibenzofuran
Concen: 38.877 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion:168 Resp: 684380
Ion Ratio Lower Upper
168 100
139 39.5 30.1 45.1
169 14.0 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

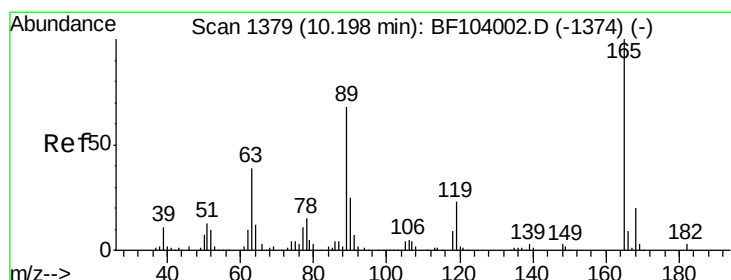
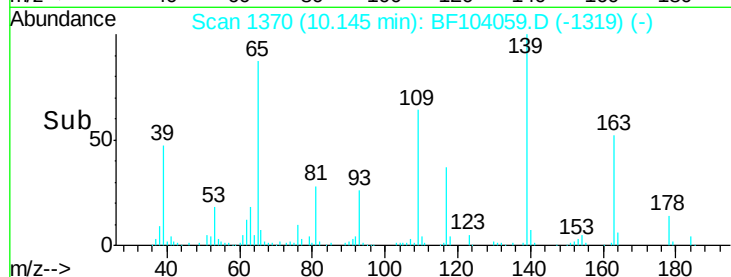
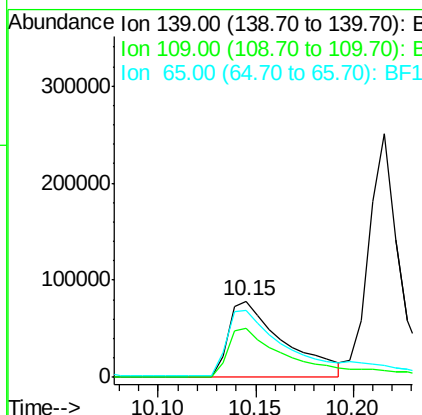
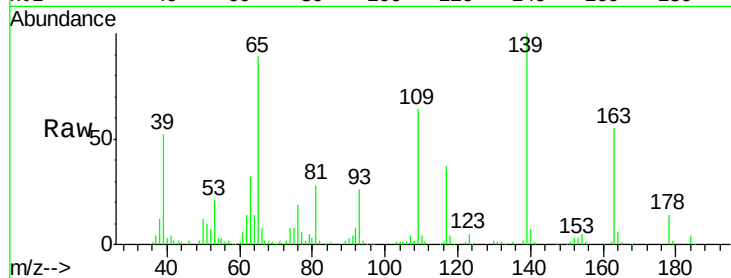




#55
4-Nitrophenol
Concen: 64.640 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

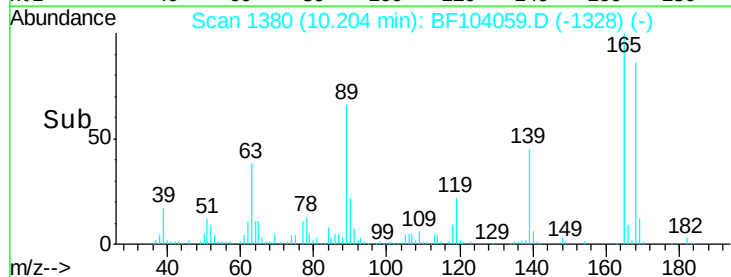
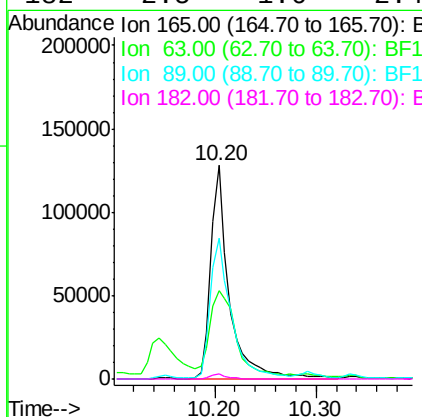
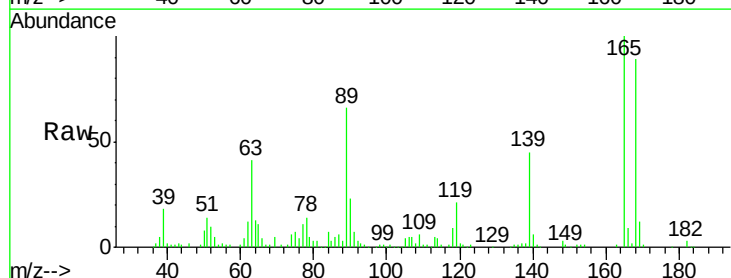
Instrument :
BNA_F
ClientSampleId :

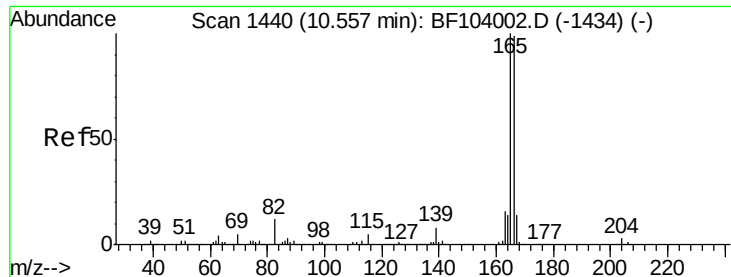
Tot Ion:139 Resp: 153762
Ion Ratio Lower Upper
139 100
109 64.1 48.4 88.4
65 88.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 36.409 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion:165 Resp: 160337
Ion Ratio Lower Upper
165 100
63 41.3 36.4 54.6
89 66.1 57.8 86.6
182 2.5 1.6 2.4#

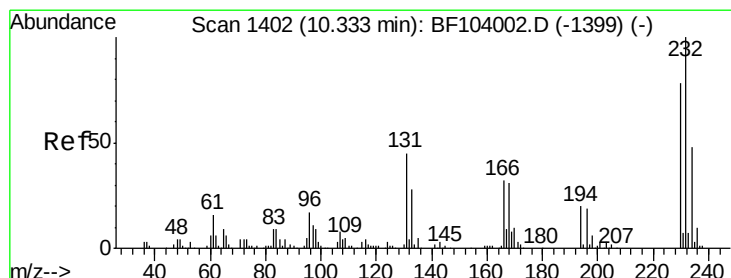
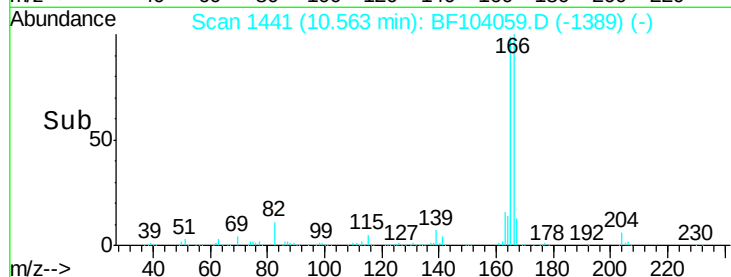
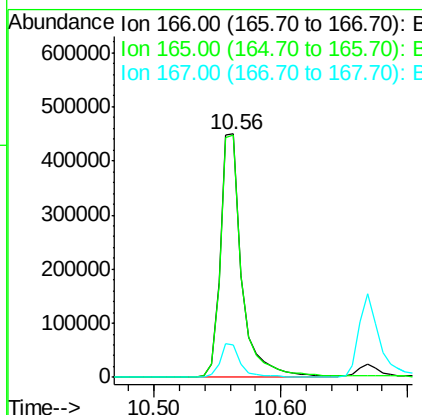
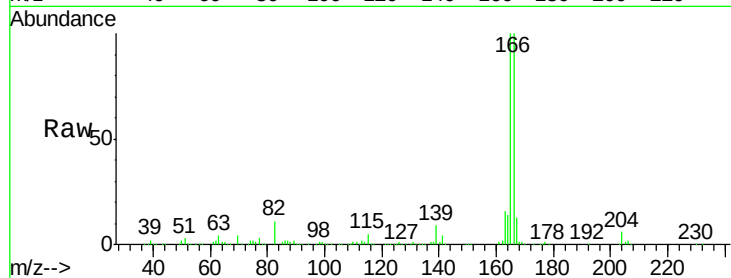




#57
 Fluorene
 Concen: 36.851 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

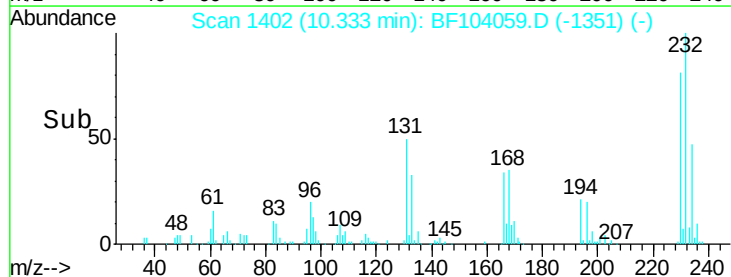
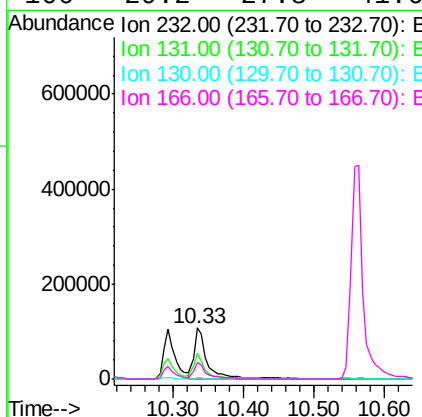
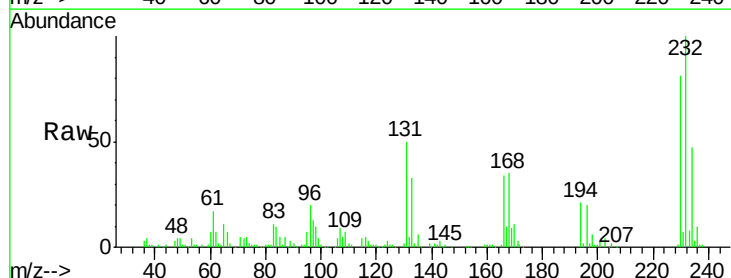
Instrument :
 BNA_F
 ClientSampled :

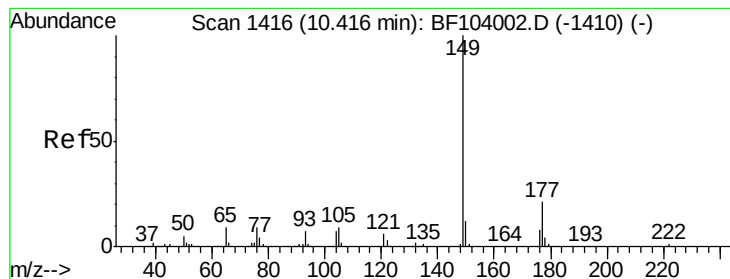
Tot Ion:166 Resp: 535122
 Ion Ratio Lower Upper
 166 100
 165 99.5 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.033 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Tgt Ion:232 Resp: 142875
 Ion Ratio Lower Upper
 232 100
 131 45.0 43.8 65.8
 130 2.0 2.1 3.1#
 166 29.2 27.8 41.6





#59

Diethylphthalate

Concen: 38.400 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampleId :

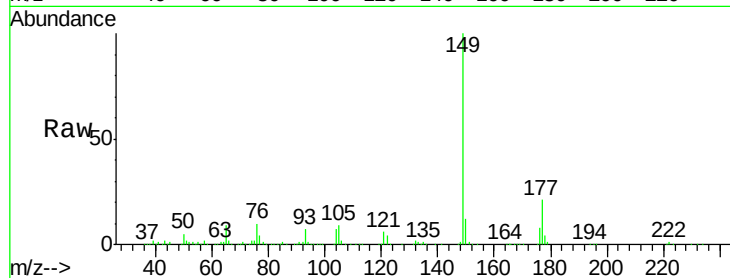
Tot Ion:149 Resp: 590103

Ion Ratio Lower Upper

149 100

177 21.0 16.1 24.1

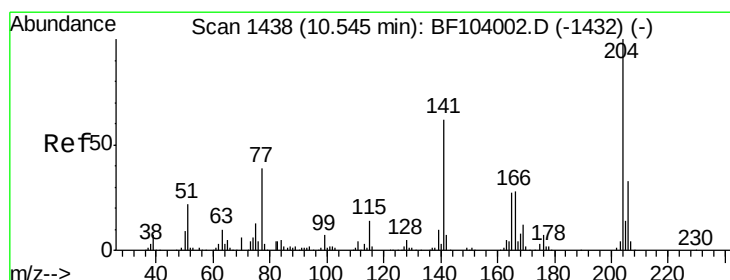
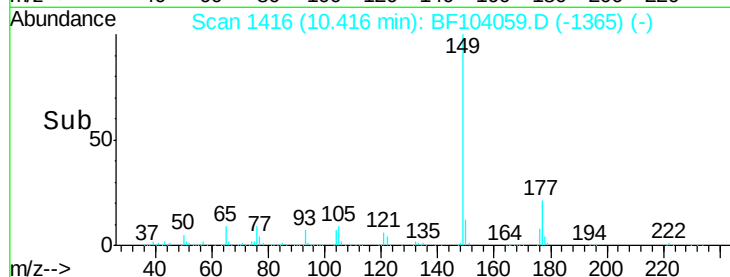
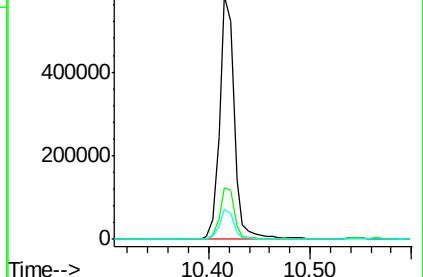
150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.124 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

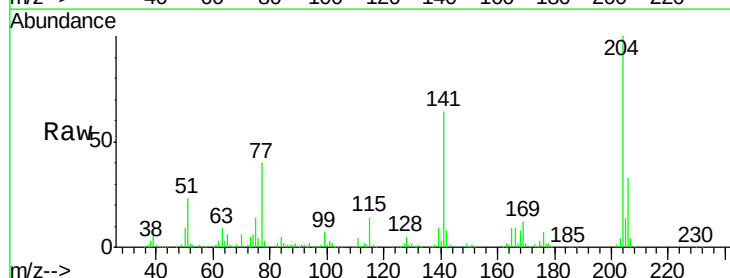
Tgt Ion:204 Resp: 260936

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

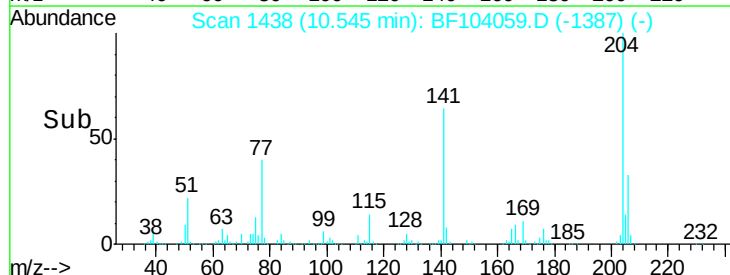
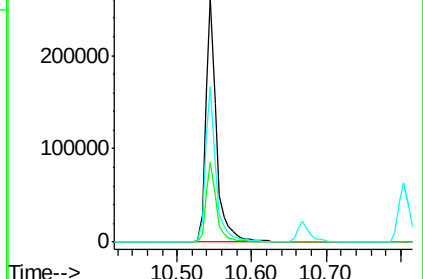
141 63.6 54.6 81.8

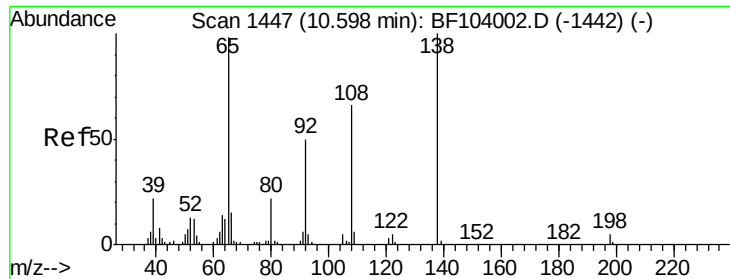


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

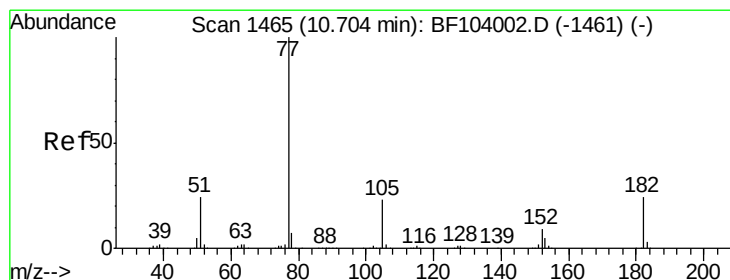
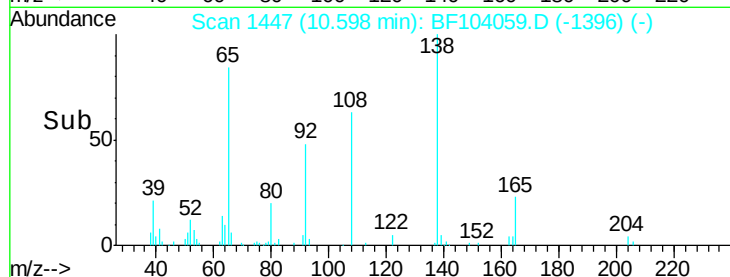
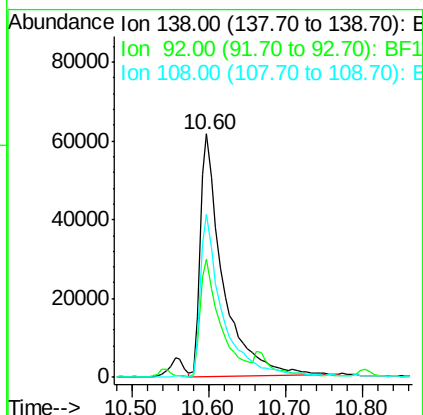
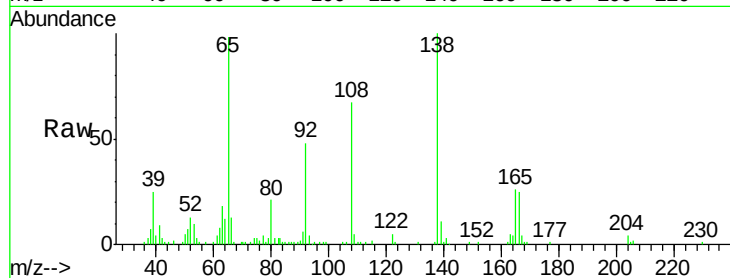




#61
4-Nitroaniline
Concen: 33.649 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

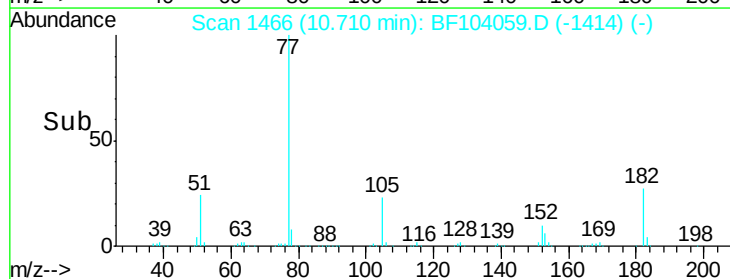
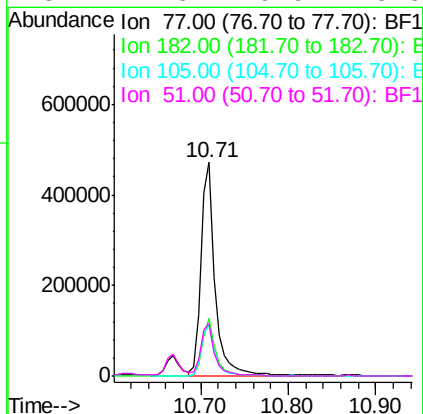
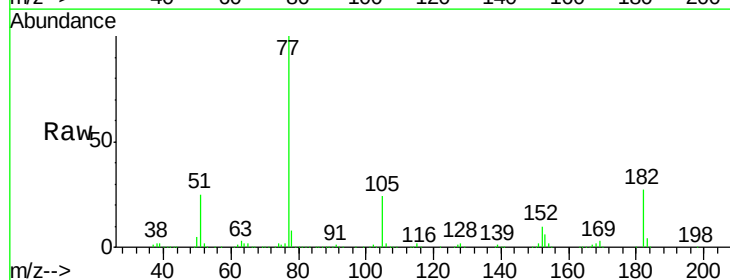
Instrument :
BNA_F
ClientSampleId :

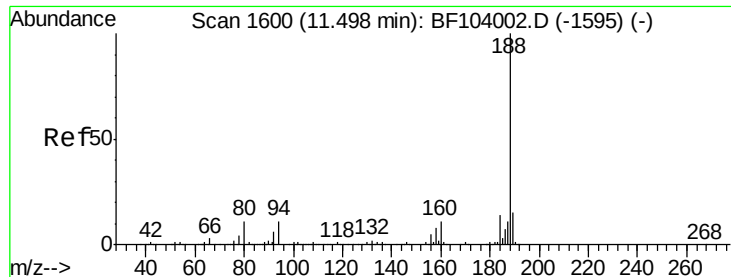
Tot Ion:138 Resp: 124909
Ion Ratio Lower Upper
138 100
92 48.3 30.2 70.2
108 67.1 52.5 92.5



#62
Azobenzene
Concen: 37.764 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion: 77 Resp: 524759
Ion Ratio Lower Upper
77 100
182 27.0 1.7 41.7
105 24.2 3.0 43.0
51 24.6 9.9 49.9

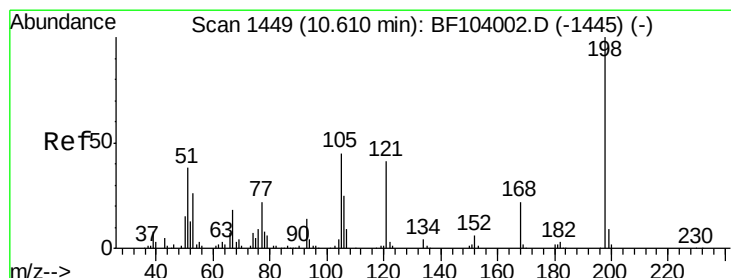
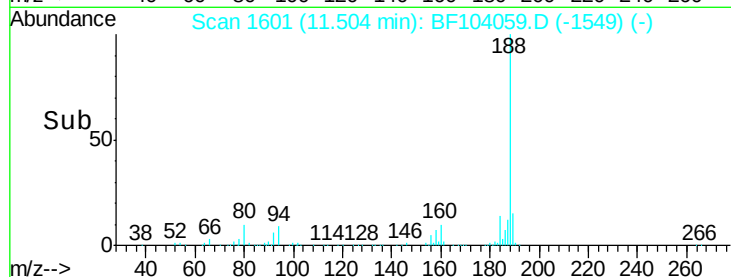
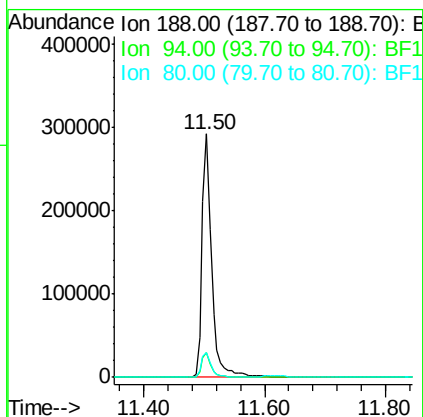
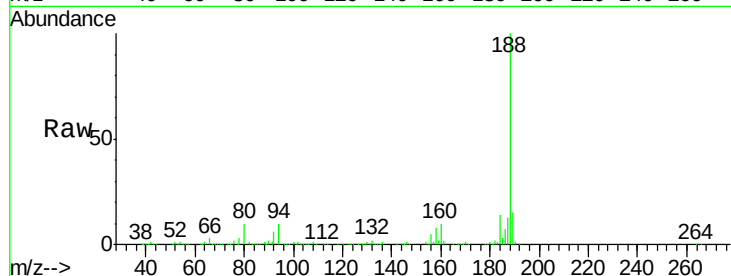




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

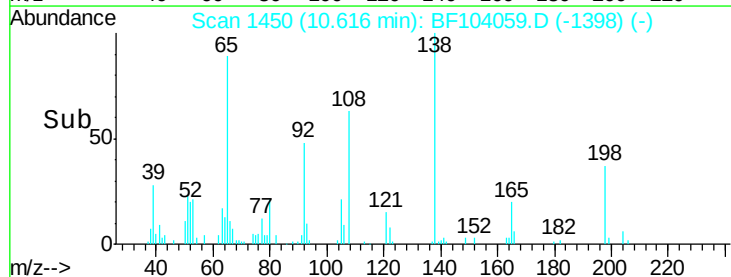
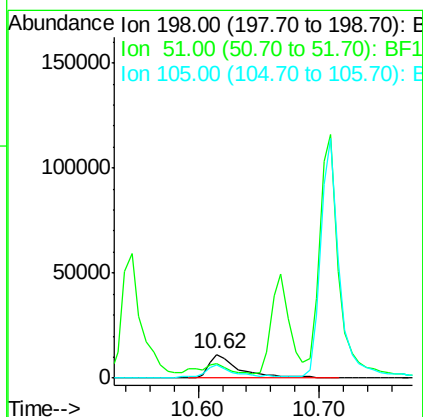
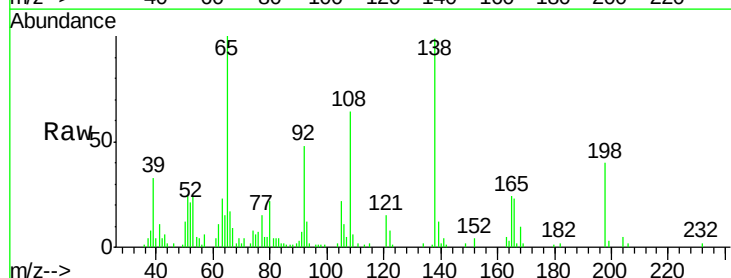
Instrument :
 BNA_F
 ClientSampleId :

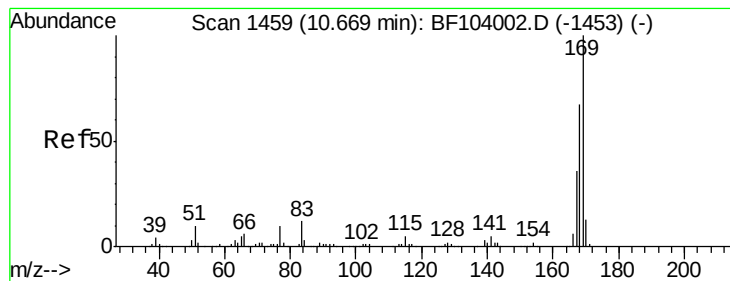
Tot Ion:188 Resp: 325403
 Ion Ratio Lower Upper
 188 100
 94 10.1 8.5 12.7
 80 10.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.859 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Tgt Ion:198 Resp: 19420
 Ion Ratio Lower Upper
 198 100
 51 62.9 37.7 77.7
 105 53.9 36.3 76.3

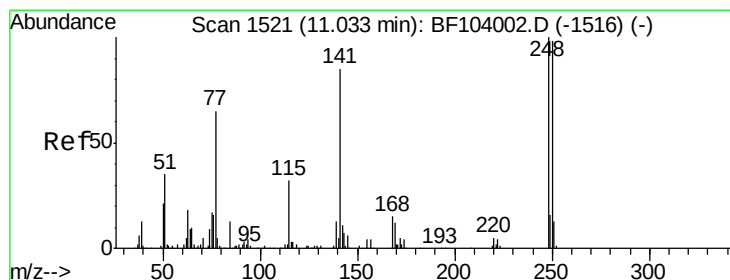
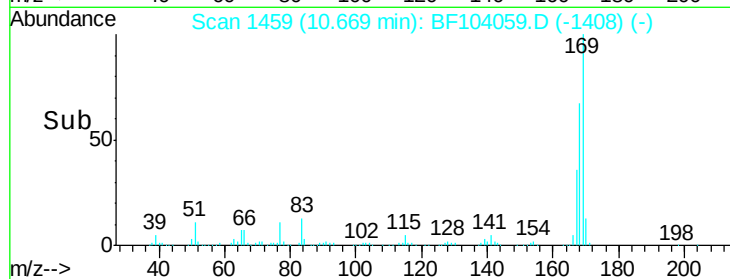
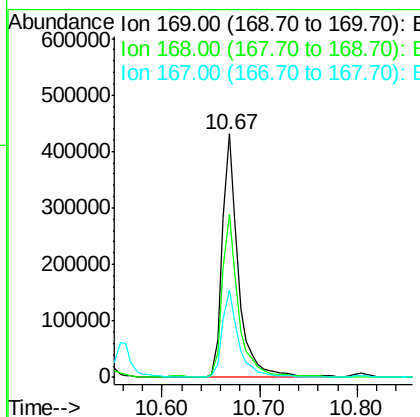
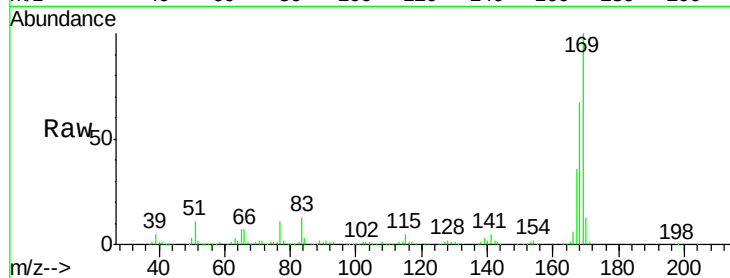




#65
 n-Nitrosodiphenylamine
 Concen: 44.345 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

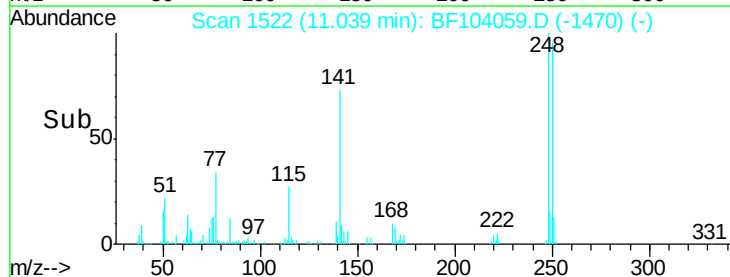
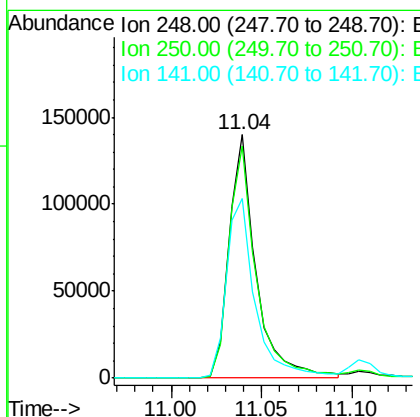
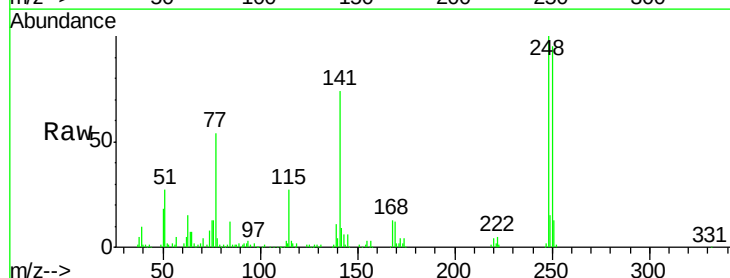
Instrument :
 BNA_F
 ClientSampled :

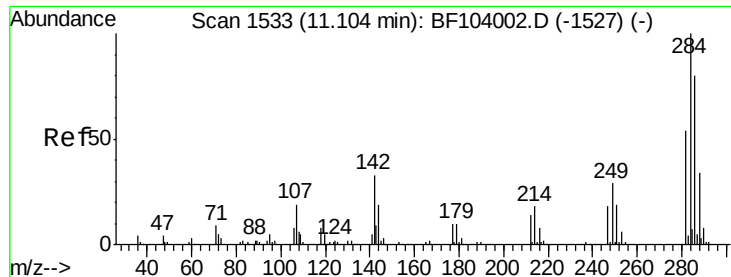
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.4	81.6
167	35.9	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.786 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.2	76.9	115.3
141	73.7	74.4	111.6

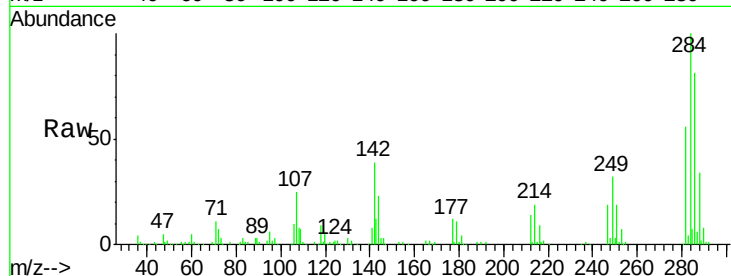




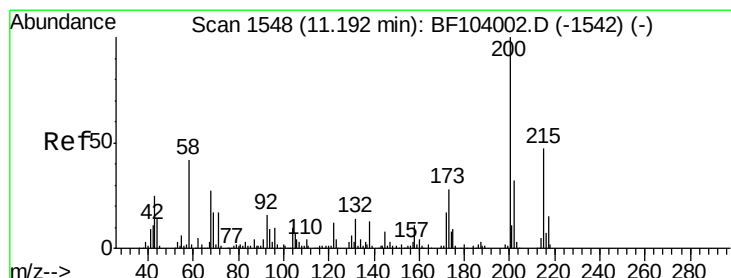
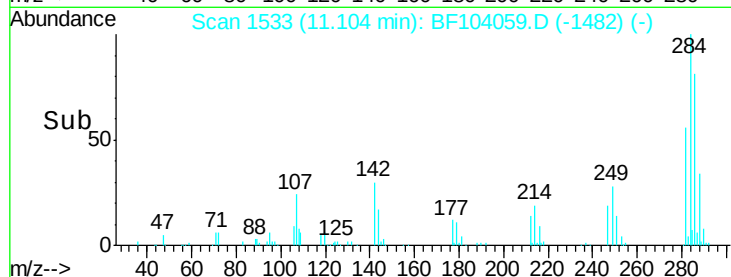
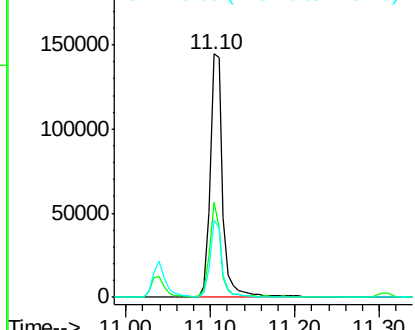
#67
Hexachlorobenzene
Concen: 38.536 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 154322
Ion Ratio Lower Upper
284 100
142 39.2 34.6 52.0
249 31.6 24.8 37.2

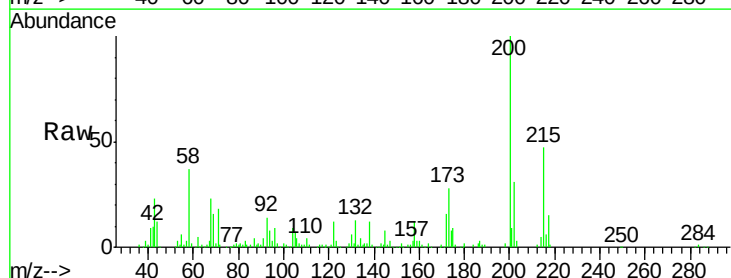


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

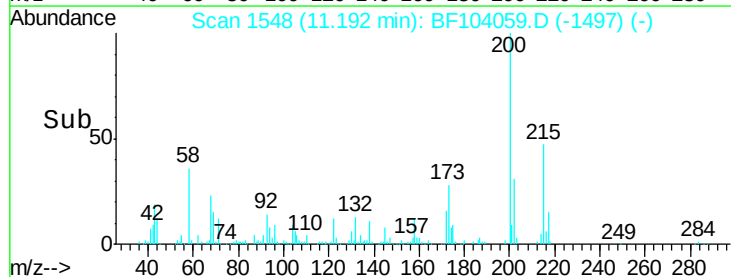
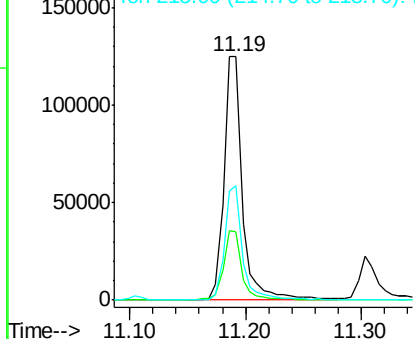


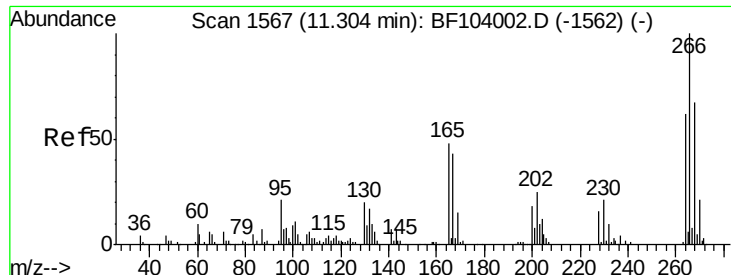
#68
Atrazine
Concen: 41.105 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion:200 Resp: 138778
Ion Ratio Lower Upper
200 100
173 28.2 8.6 48.6
215 47.0 25.1 65.1



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

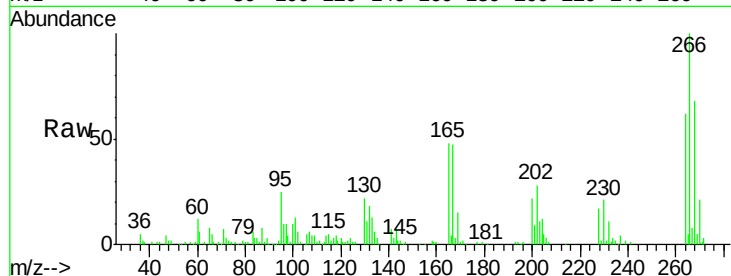




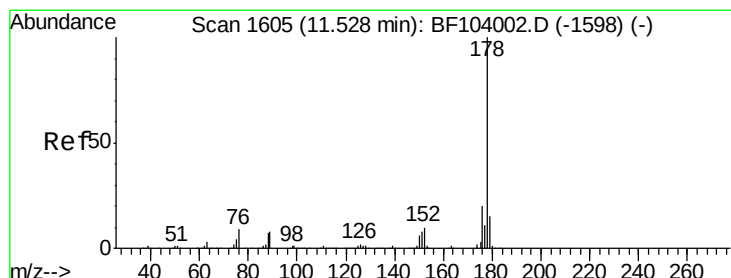
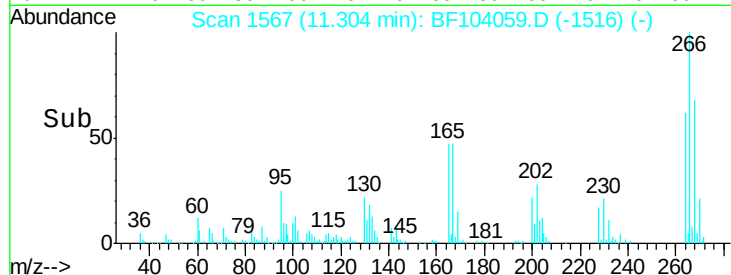
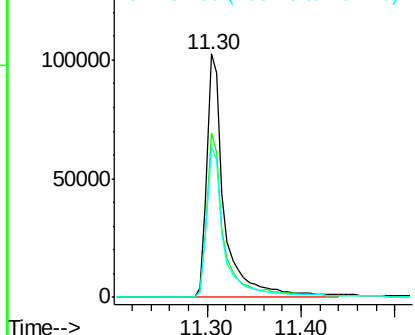
#69
 Pentachlorophenol
 Concen: 62.205 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 137078
 Ion Ratio Lower Upper
 266 100
 268 67.7 51.1 76.7
 264 61.6 49.5 74.3

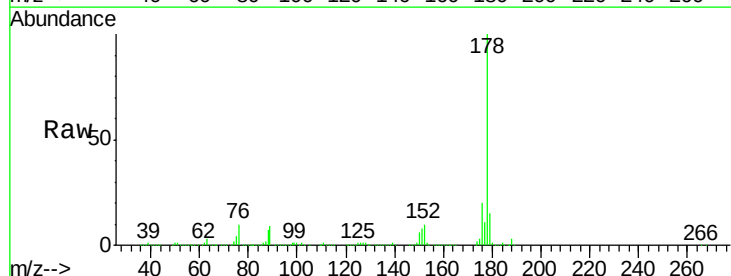


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

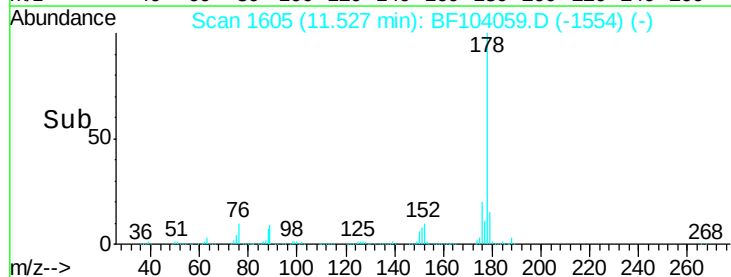
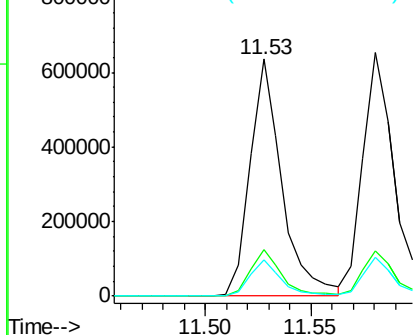


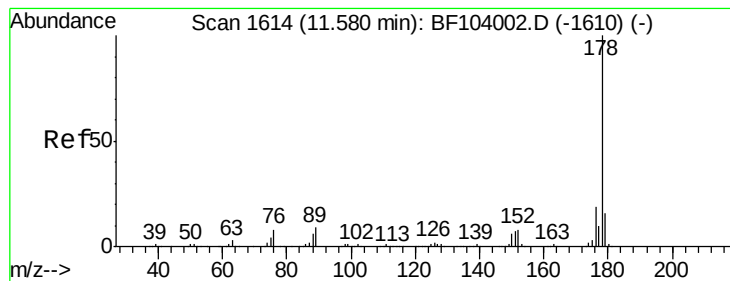
#70
 Phenanthrene
 Concen: 38.046 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Tgt Ion:178 Resp: 670285
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.4 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: 40.550 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampleId :

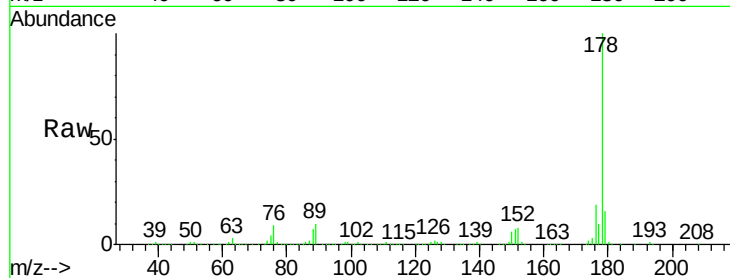
Tot Ion:178 Resp: 746210

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.8	12.6	19.0

178 100

176 18.5 15.4 23.2

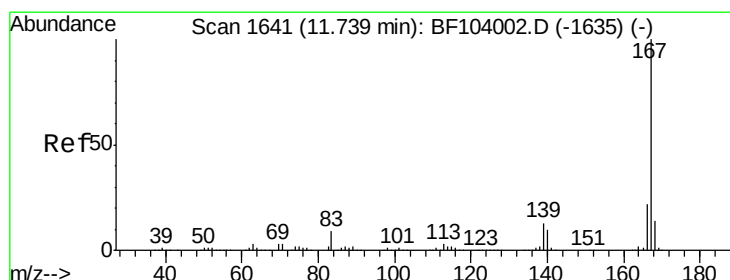
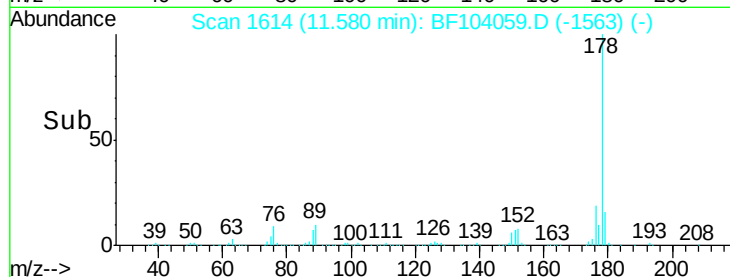
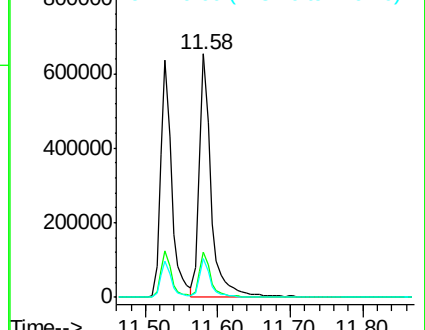
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.423 ng

RT: 11.74 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

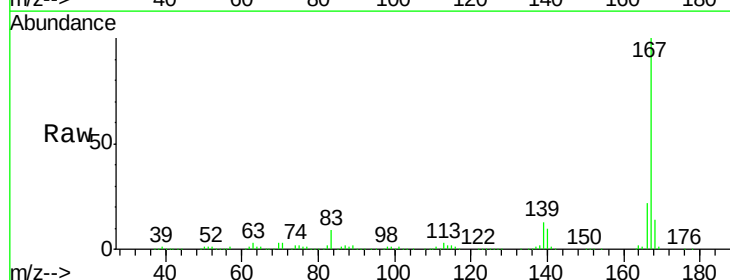
Tgt Ion:167 Resp: 657283

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.3	10.9	16.3

167 100

166 22.0 17.6 26.4

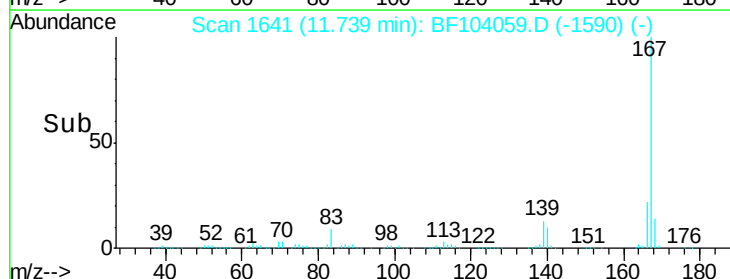
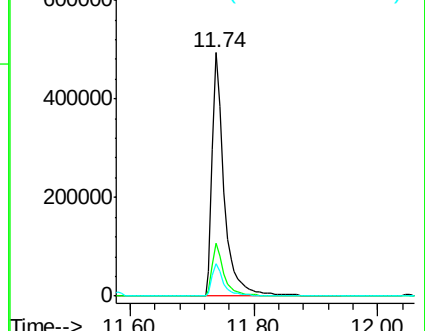
139 13.3 10.9 16.3

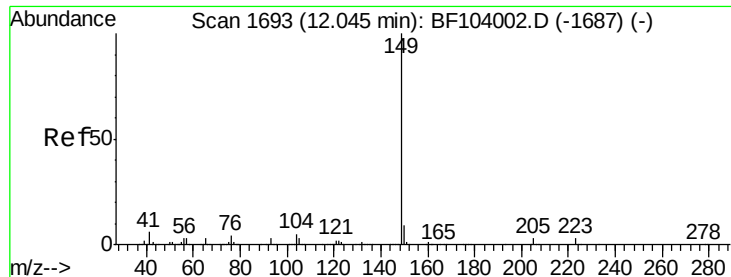


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.853 ng

RT: 12.04 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampleId :

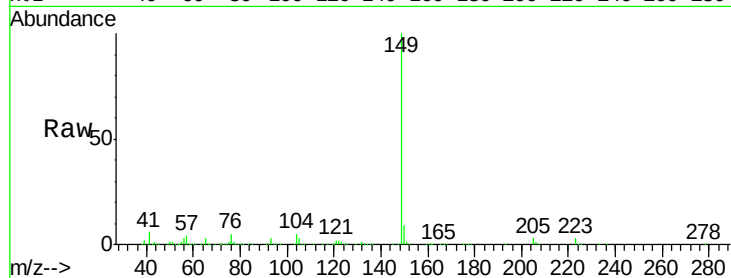
Tot Ion:149 Resp: 854686

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

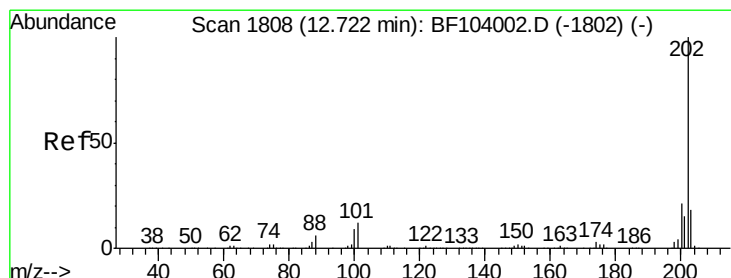
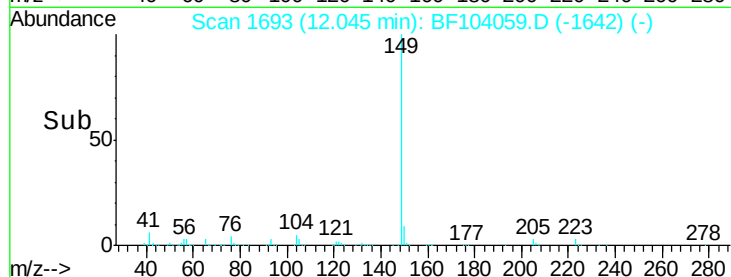
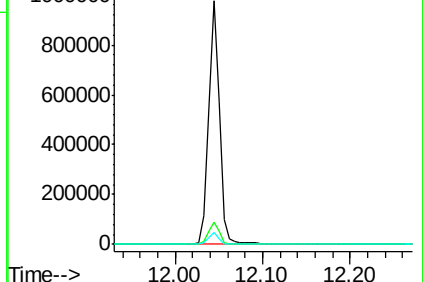
104 4.8 3.8 5.8



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: 34.483 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

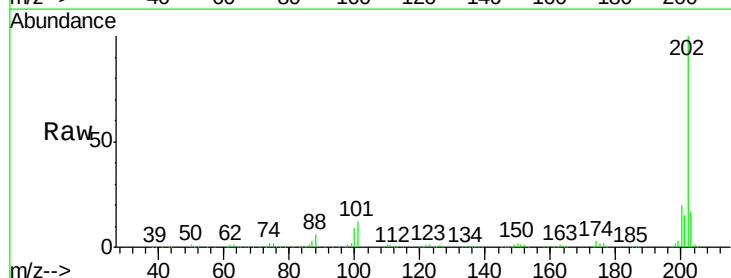
Tgt Ion:202 Resp: 645761

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

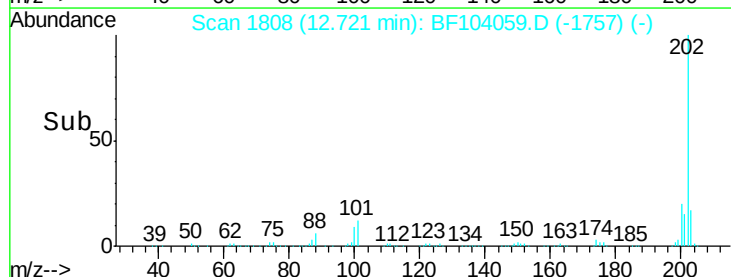
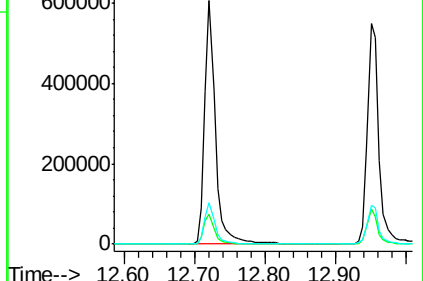
203 17.0 0.0 38.1

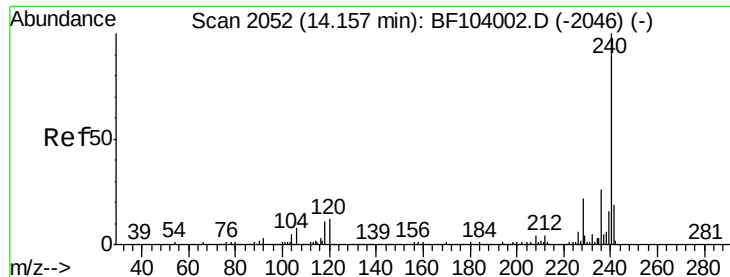


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampled :

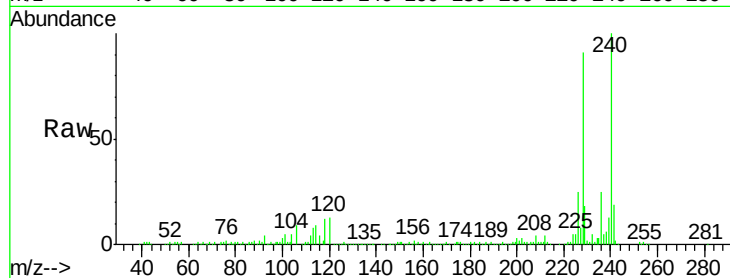
Tot Ion:240 Resp: 224432

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

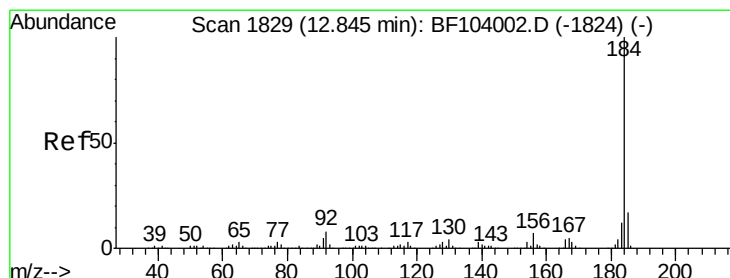
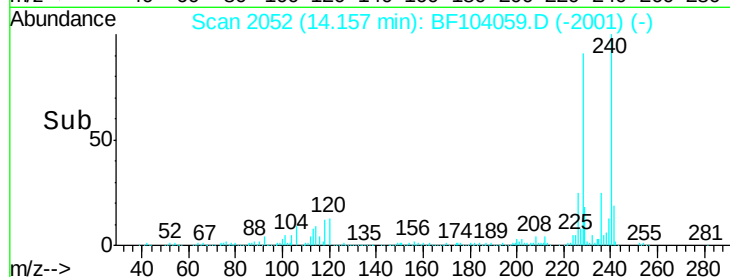
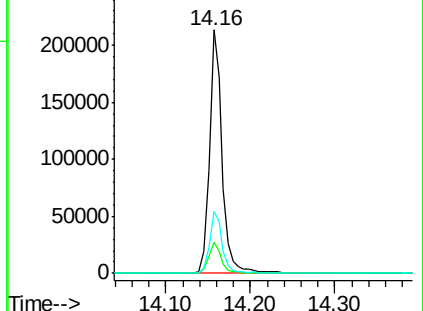
236 25.4 20.7 31.1



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: 62.205 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

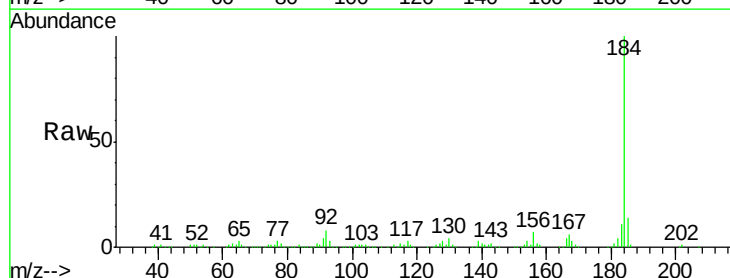
Tgt Ion:184 Resp: 397848

Ion Ratio Lower Upper

184 100

185 13.8 12.6 18.8

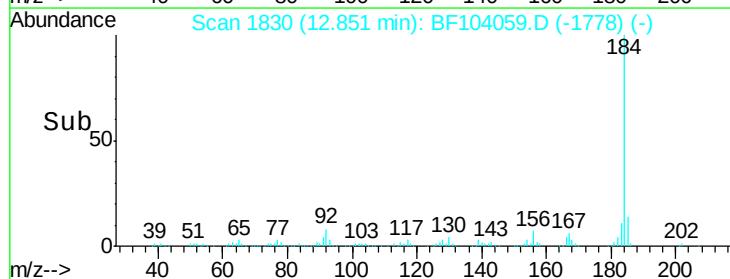
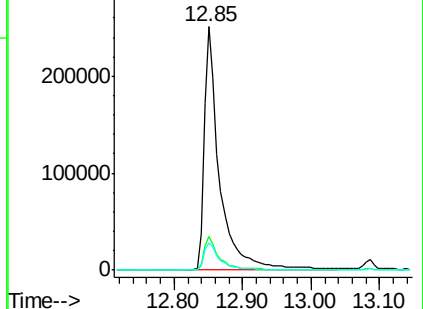
183 11.4 9.3 13.9

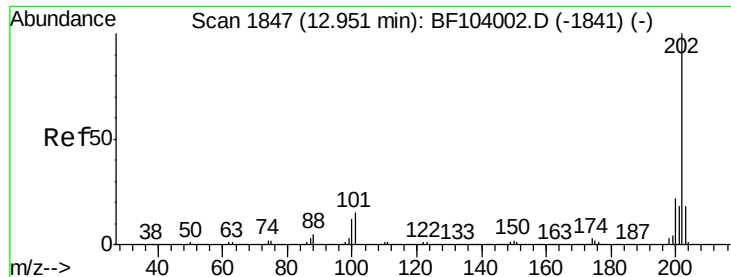


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

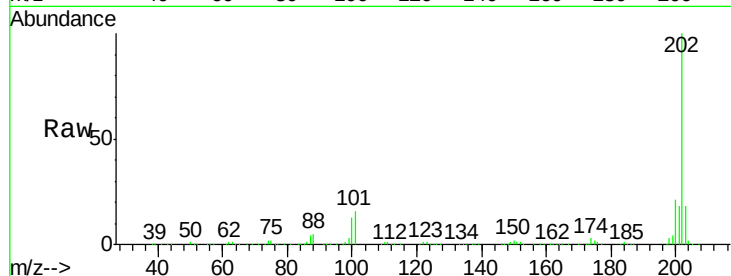




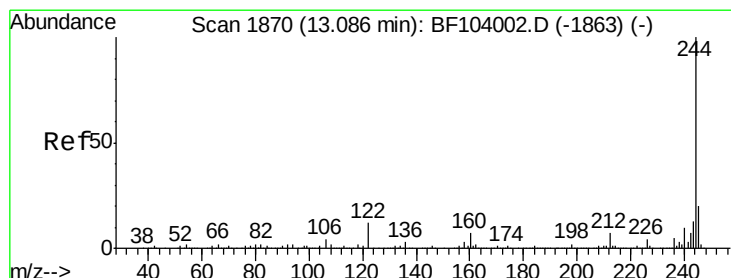
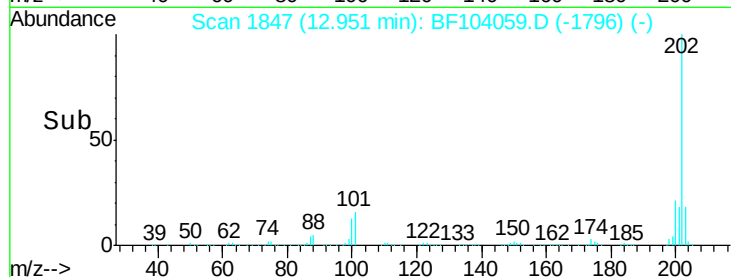
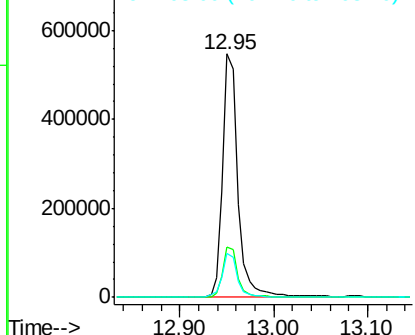
#77
Pvrene
Concen: 38.271 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 617439
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 17.8 14.3 21.5

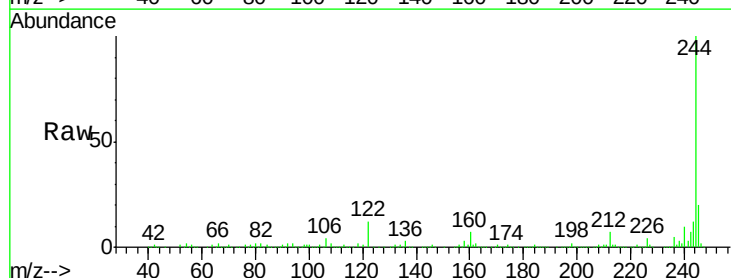


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

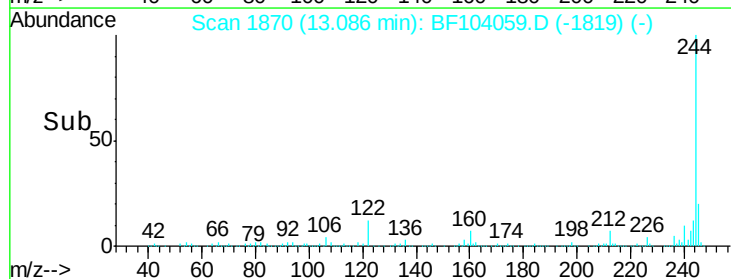
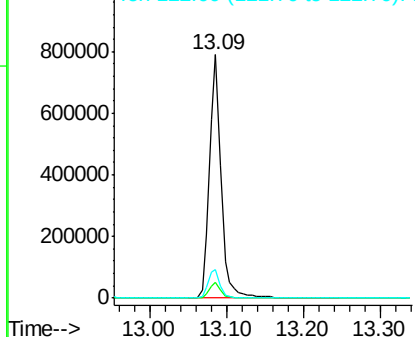


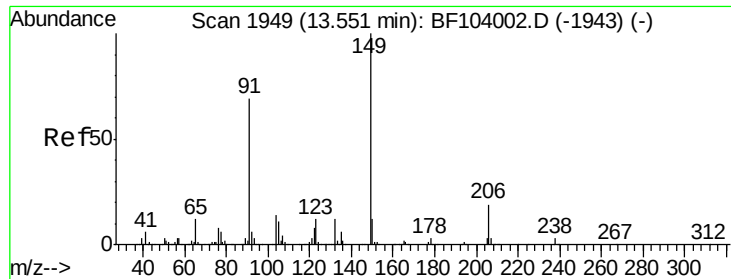
#78
Terphenyl-d14
Concen: 84.287 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion:244 Resp: 819275
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 11.9 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

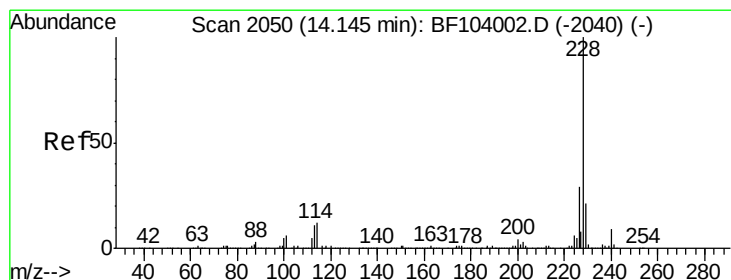
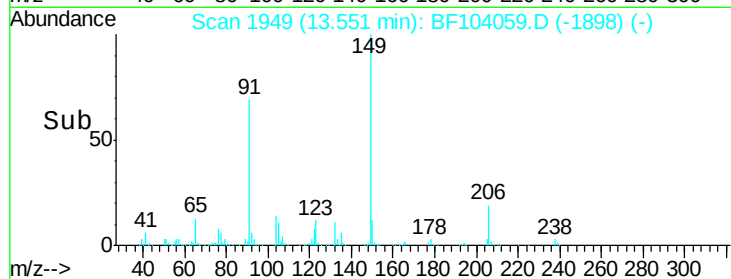
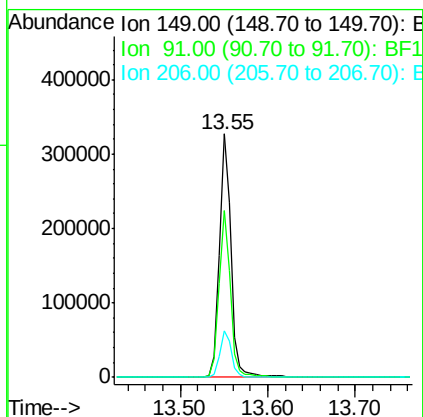
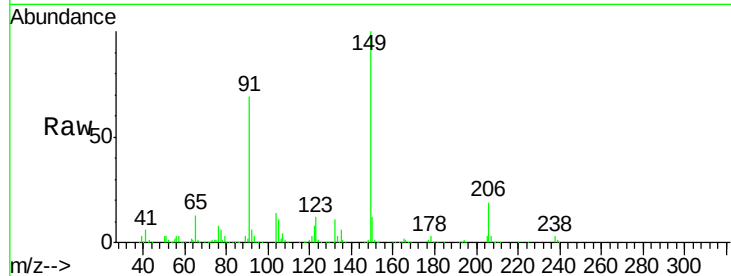




#79
Butylbenzylphthalate
Concen: 40.003 ng
RT: 13.55 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

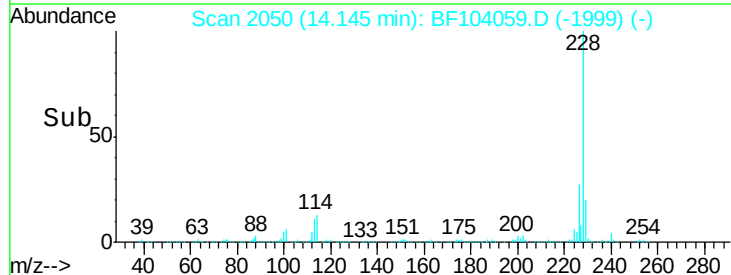
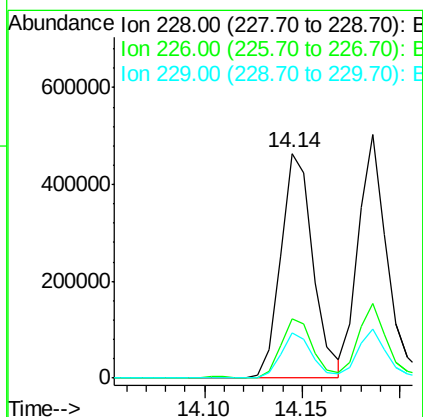
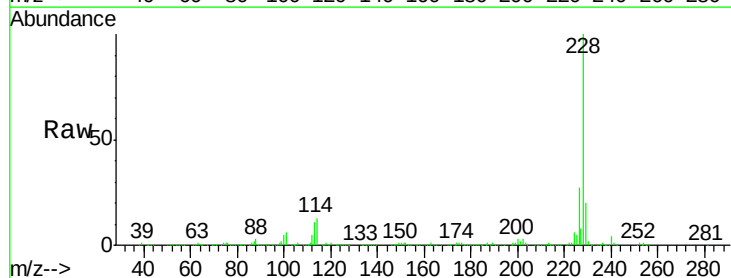
Instrument :
BNA_F
ClientSampleId :

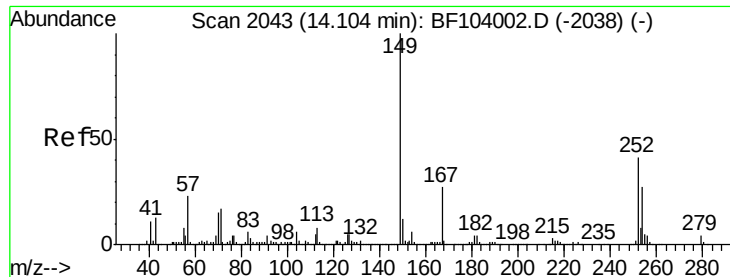
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.8	56.8	85.2
206	18.8	14.1	21.1



#80
Benzo(a)anthracene
Concen: 37.796 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	19.9	15.8	23.6

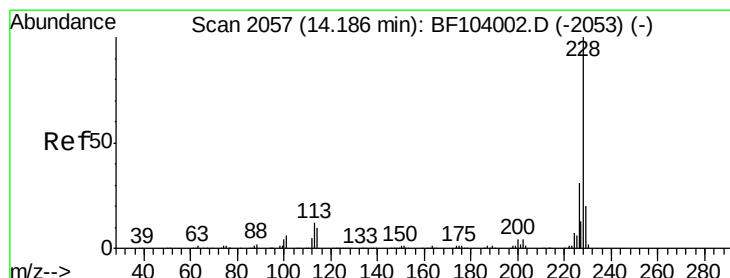
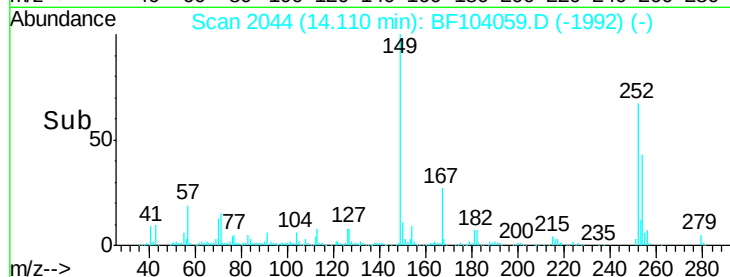
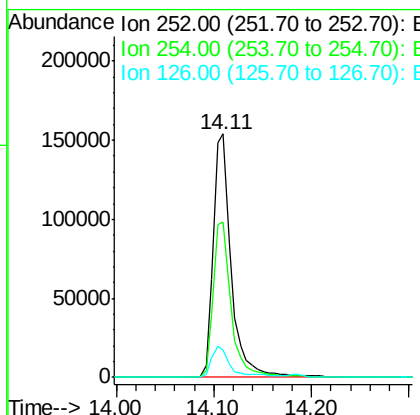
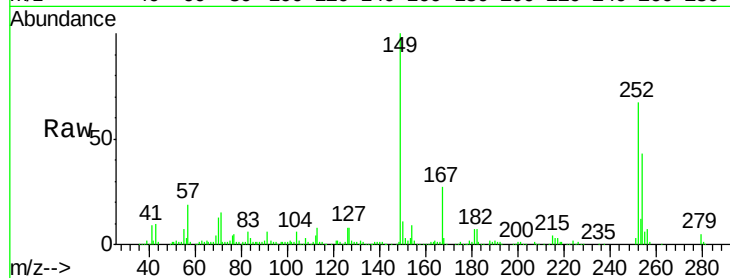




#81
 3,3'-Dichlorobenzidine
 Concen: 42.247 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

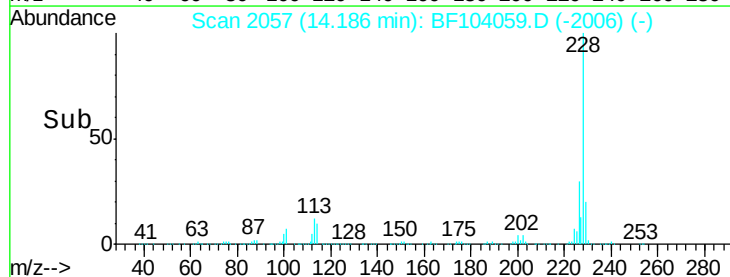
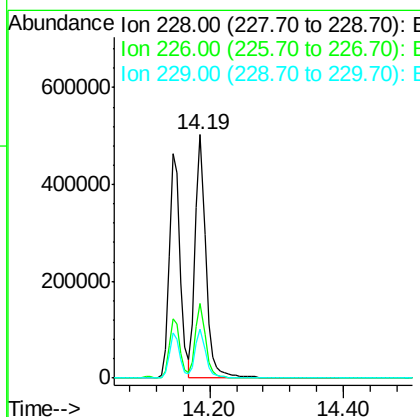
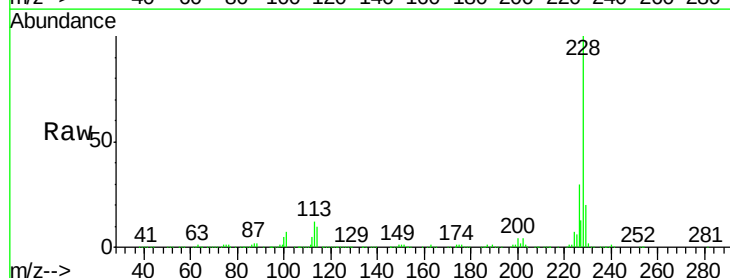
Instrument :
 BNA_F
 ClientSampleId :

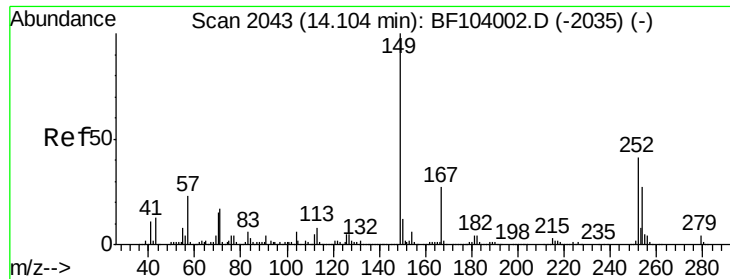
Tot Ion:252 Resp: 196378
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.4 75.6
 126 11.4 11.3 16.9



#82
 Chrysene
 Concen: 38.914 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Tgt Ion:228 Resp: 535248
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.0 37.6
 229 20.3 16.2 24.4

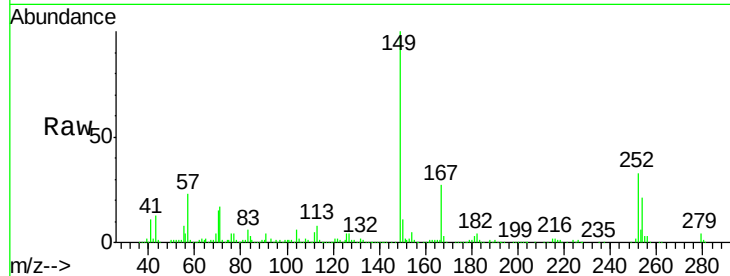




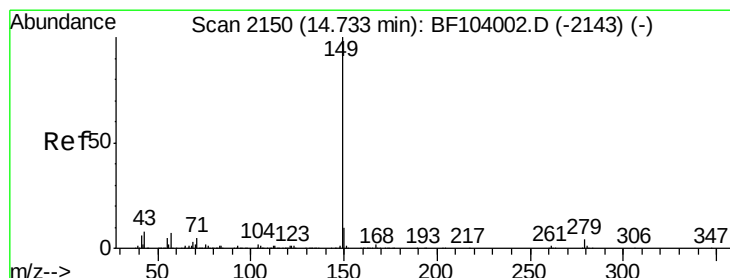
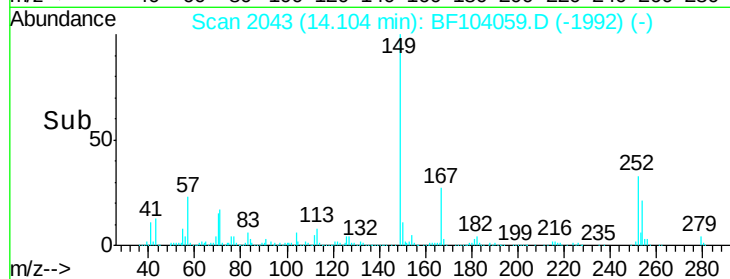
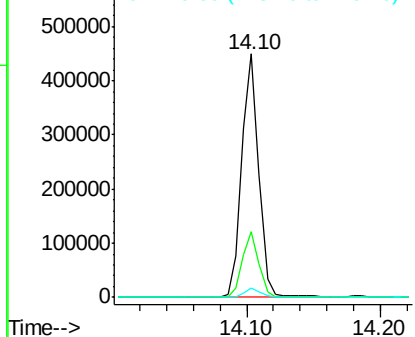
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.615 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.8	3.0	4.4

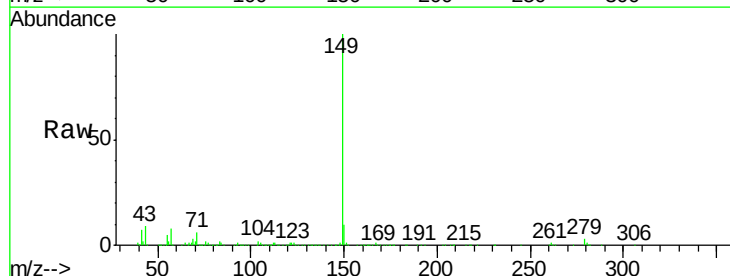


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

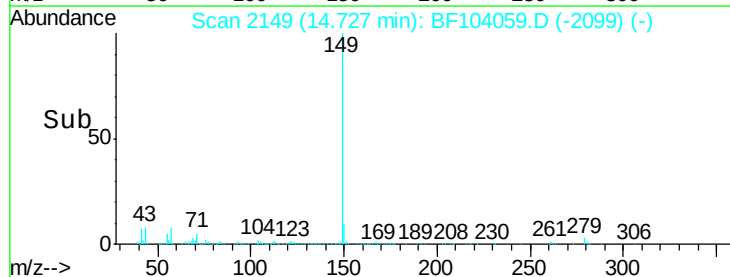
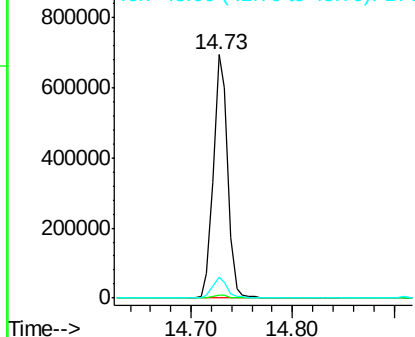


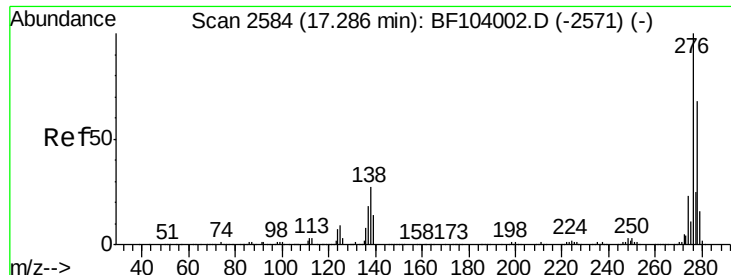
#84
 Di-n-octyl phthalate
 Concen: 40.330 ng
 RT: 14.73 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BF104059.D
 Acq: 29 Mar 2018 18:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.0	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

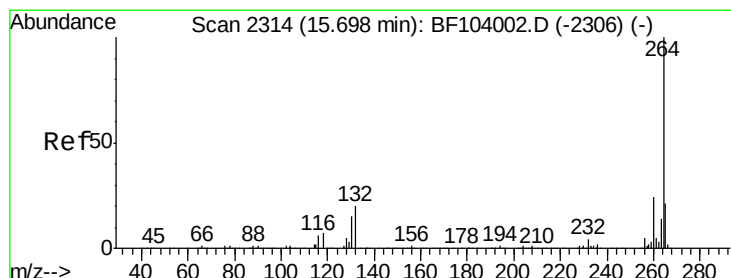
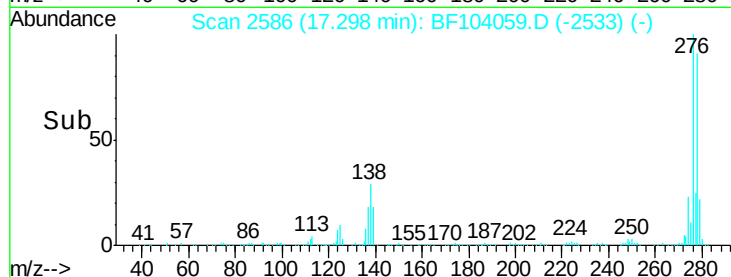
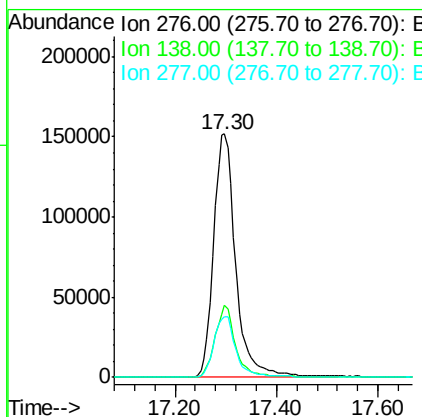
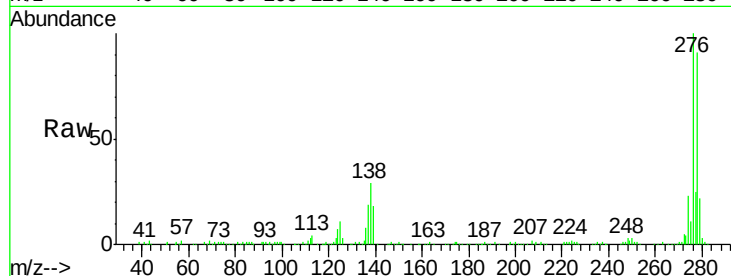




#85
Indeno(1,2,3-cd)pyrene
Concen: 32.378 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.01 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

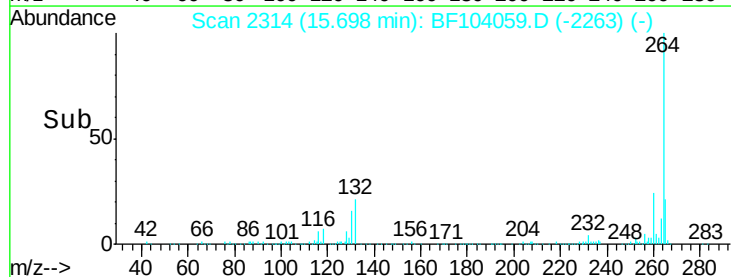
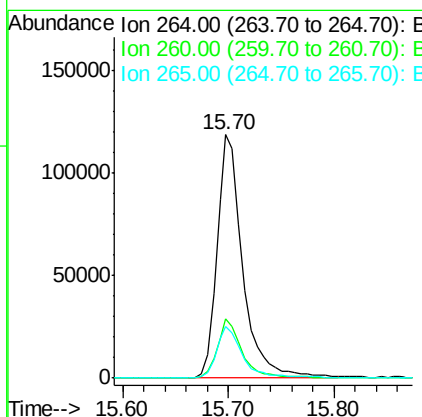
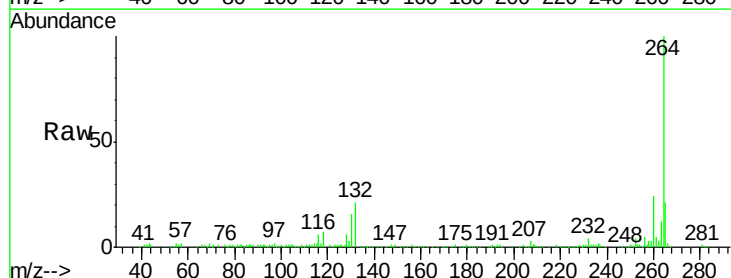
Instrument :
BNA_F
ClientSampleId :

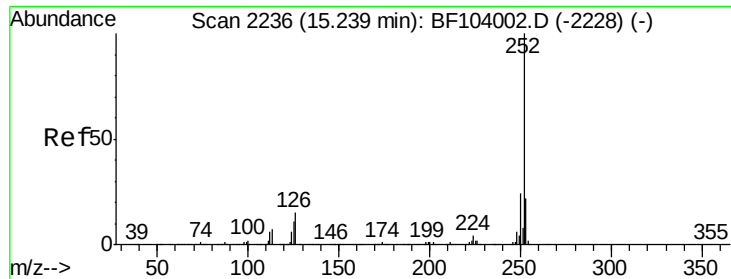
Tot Ion:276 Resp: 461498
Ion Ratio Lower Upper
276 100
138 27.6 25.0 37.6
277 24.6 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion:264 Resp: 201622
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.3 17.5 26.3

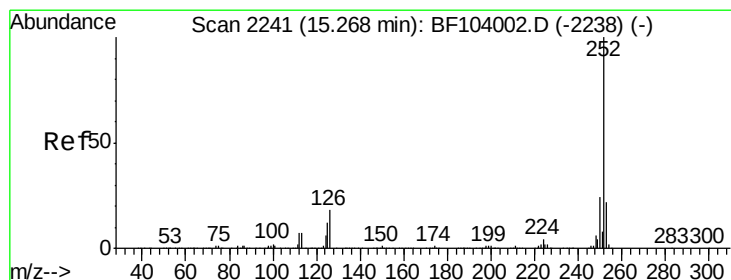
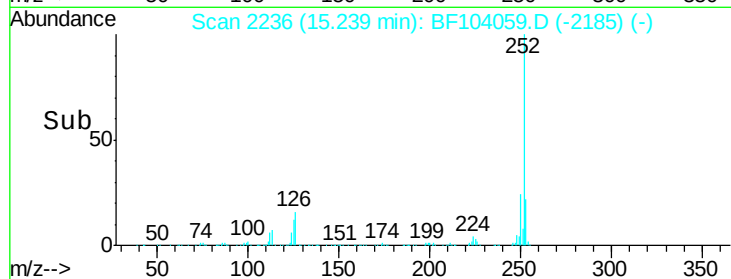
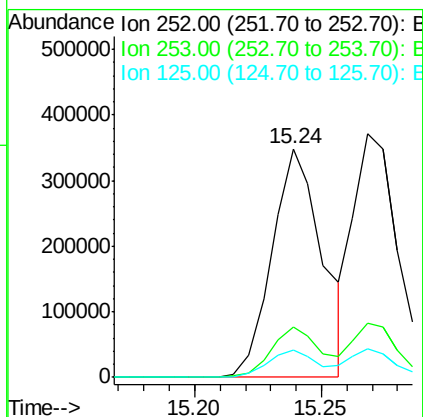
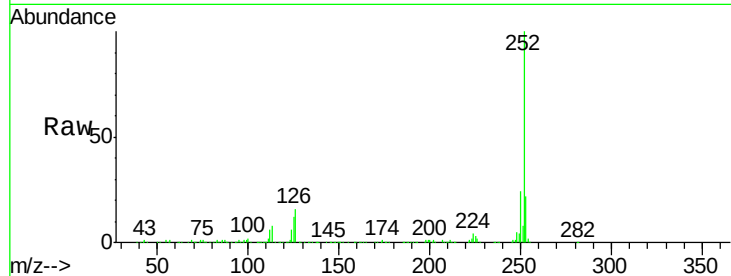




#87
Benzo(b)fluoranthene
Concen: 39.337 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

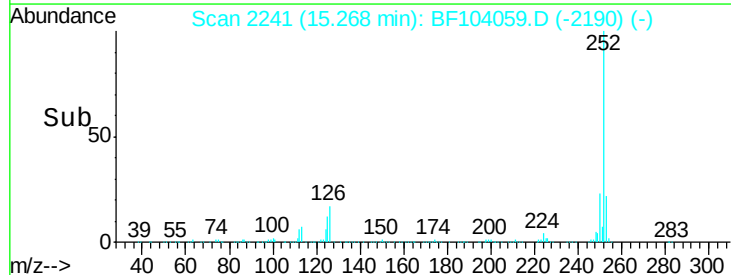
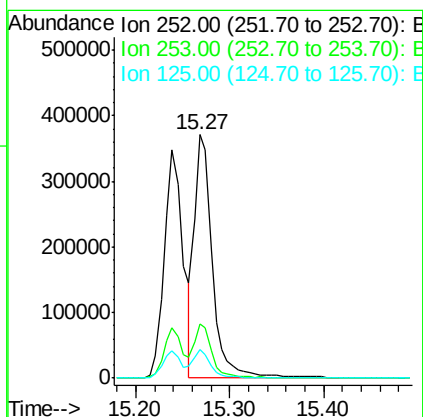
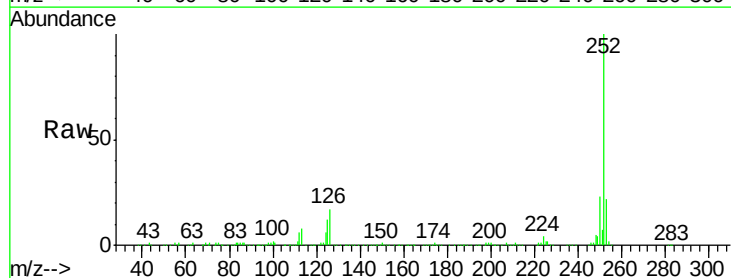
Instrument :
BNA_F
ClientSampled :

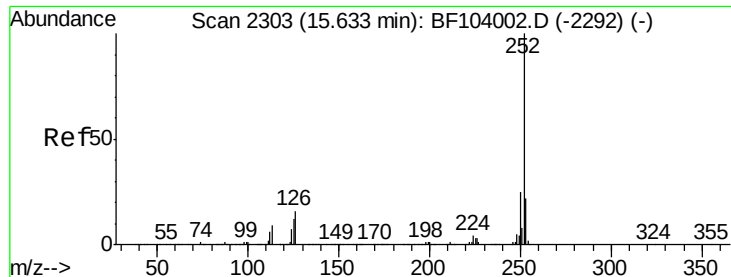
Tot Ion:252 Resp: 482686
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.353 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF104059.D
Acq: 29 Mar 2018 18:54

Tgt Ion:252 Resp: 489554
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 12.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 40.078 ng

RT: 15.63 min Scan# 2303

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampleId :

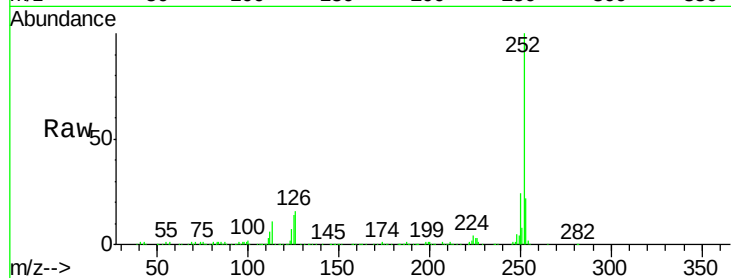
Tot Ion:252 Resp: 455725

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

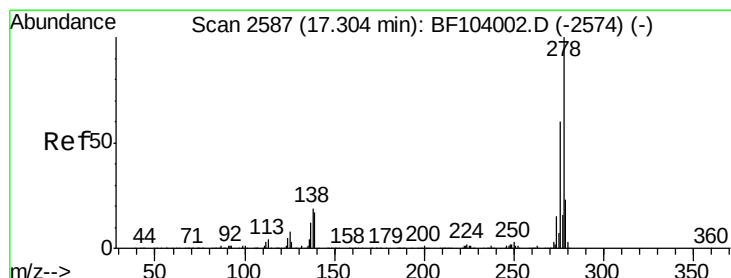
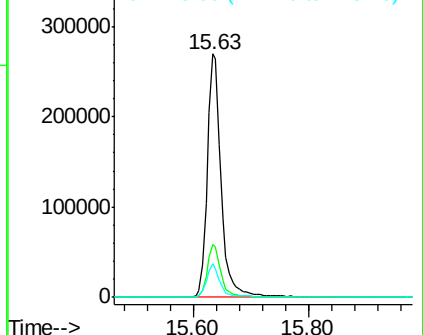
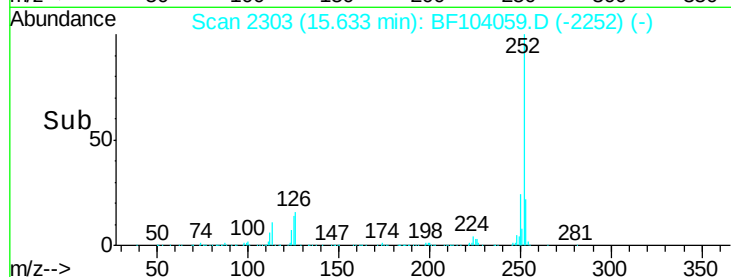
125 13.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.457 ng

RT: 17.30 min Scan# 2587

Delta R.T. -0.00 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

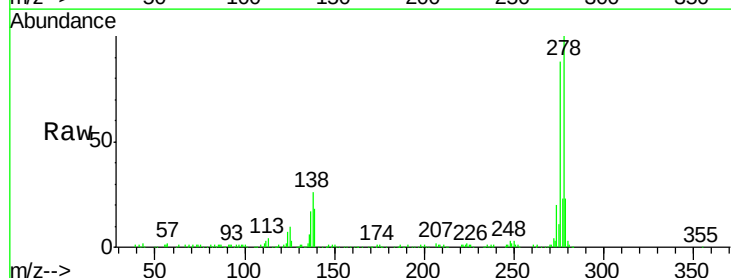
Tgt Ion:278 Resp: 393792

Ion Ratio Lower Upper

278 100

139 18.0 15.9 23.9

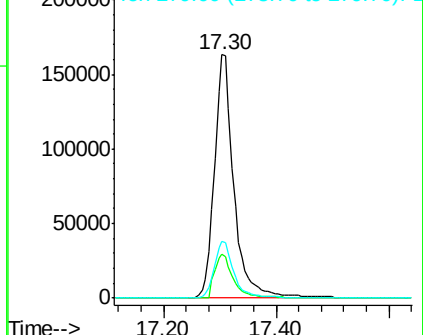
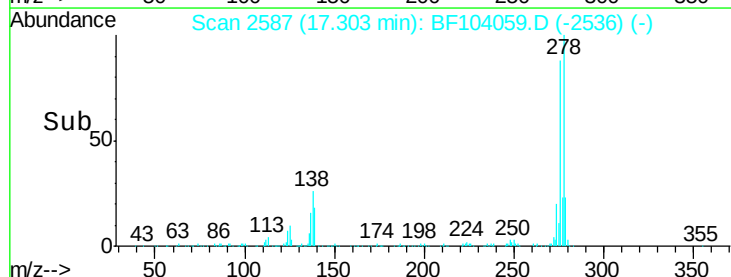
279 23.4 19.0 28.4

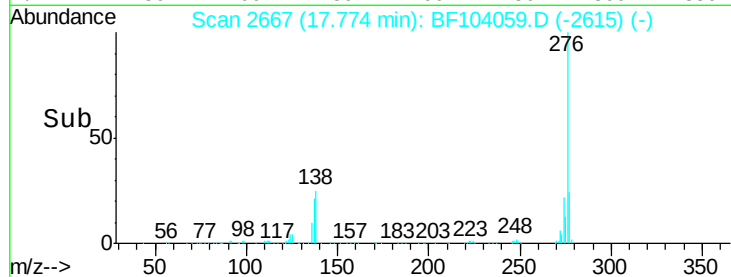
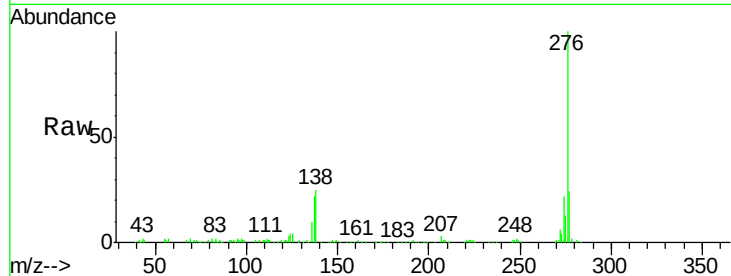
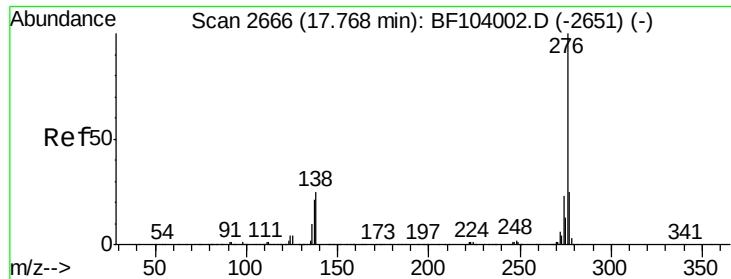


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 34.712 ng

RT: 17.77 min Scan# 2667

Delta R.T. 0.01 min

Lab File: BF104059.D

Acq: 29 Mar 2018 18:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 365531

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 25.1 21.8 32.8

