

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104016.D
 Acq On : 28 Mar 2018 18:04
 Operator : JU/SJ
 Sample : J2087-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 18:49:28 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	138606	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	556846	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	224357	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	257045	20.00	ng	0.02
75) Chrysene-d12	14.16	240	226838	20.00	ng	0.00
86) Perylene-d12	15.70	264	250255	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1176204	135.33	ng	0.00
7) Phenol-d6	6.61	99	1383087	129.34	ng	0.00
23) Nitrobenzene-d5	7.53	82	836229	91.84	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	248190	99.35	ng	0.01
44) 2-Fluorobiphenyl	9.32	172	1307311	91.89	ng	0.00
78) Terphenyl-d14	13.09	244	842082	85.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	137215	36.605	ng	# 89
3) Pyridine	3.70	79	106331	11.205	ng	88
4) n-Nitrosodimethylamine	3.63	42	116834	41.420	ng	# 76
6) Aniline	6.65	93	324662	25.362	ng	# 79
8) 2-Chlorophenol	6.76	128	453276	47.543	ng	94
9) Benzaldehyde	6.52	77	192009	32.729	ng	97
10) Phenol	6.62	94	542119	45.757	ng	96
11) bis(2-Chloroethyl)ether	6.70	93	413909	40.541	ng	90
12) 1,3-Dichlorobenzene	6.91	146	451012	42.083	ng	98
13) 1,4-Dichlorobenzene	6.98	146	486636	42.377	ng	99
14) 1,2-Dichlorobenzene	7.13	146	422493	40.933	ng	99
15) Benzyl Alcohol	7.11	79	329217	47.353	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	490863	44.131	ng	60
17) 2-Methylphenol	7.22	107	351017	45.236	ng	# 91
18) Hexachloroethane	7.47	117	156396	40.677	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	279851	44.100	ng	93
20) 3+4-Methylphenols	7.37	107	436509	44.077	ng	# 70
22) Acetophenone	7.38	105	588064	43.648	ng	# 98
24) Nitrobenzene	7.56	77	432257	45.119	ng	94
25) Isophorone	7.79	82	811742	48.374	ng	98
26) 2-Nitrophenol	7.87	139	248073	49.606	ng	# 89
27) 2,4-Dimethylphenol	7.90	122	388377	53.849	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	533747	50.750	ng	99
29) 2,4-Dichlorophenol	8.11	162	376081	49.923	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	375077	43.882	ng	99
31) Naphthalene	8.27	128	1268682	46.636	ng	100
32) Benzoic acid	8.04	122	237255	44.905	ng	95
33) 4-Chloroaniline	8.33	127	317902	27.719	ng	97
34) Hexachlorobutadiene	8.37	225	195827	42.102	ng	99
35) Caprolactam	8.69	113	60845	25.473	ng	92
36) 4-Chloro-3-methylphenol	8.80	107	395278	49.608	ng	100
37) 2-Methylnaphthalene	8.96	142	791797	44.187	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	346733	50.397	ng	98
40) Hexachlorocyclopentadiene	9.10	237	113170	37.980	ng	97

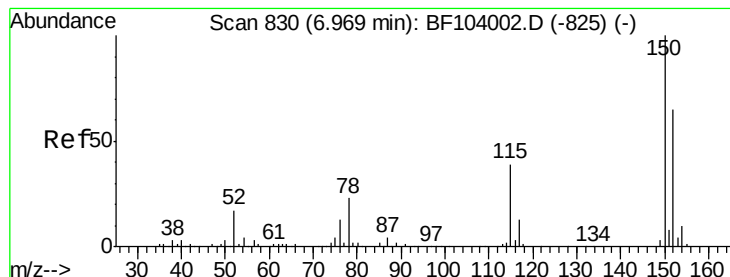
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104016.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	231162	53.061	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	259261	49.288	nq	97
45) 1,1'-Biphenyl	9.43	154	901254	46.804	nq	98
46) 2-Chloronaphthalene	9.46	162	718419	47.298	nq	99
47) 2-Nitroaniline	9.56	65	218151	50.367	nq	96
48) Acenaphthylene	9.87	152	964510	41.915	nq	99
49) Dimethylphthalate	9.73	163	930036	52.504	nq	99
50) 2,6-Dinitrotoluene	9.80	165	185345	48.635	nq	88
51) Acenaphthene	10.05	154	539556	40.532	nq	99
52) 3-Nitroaniline	9.97	138	143498	32.756	nq	# 95
53) 2,4-Dinitrophenol	10.08	184	131945	79.355	nq	# 26
54) Dibenzofuran	10.22	168	809063	41.620	nq	98
55) 4-Nitrophenol	10.15	139	255662	97.330	nq	90
56) 2,4-Dinitrotoluene	10.20	165	212581	43.715	nq	# 94
57) Fluorene	10.57	166	578039	36.048	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	162349	41.195	nq	# 89
59) Diethylphthalate	10.43	149	660649	38.931	nq	97
60) 4-Chlorophenyl-phenylether	10.55	204	272943	37.060	nq	97
61) 4-Nitroaniline	10.60	138	130151	31.751	nq	95
62) Azobenzene	10.72	77	557439	36.328	nq	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	72351	46.499	nq	78
65) n-Nitrosodiphenylamine	10.67	169	551075	63.304	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	155002	56.364	nq	97
67) Hexachlorobenzene	11.12	284	159109	50.297	nq	93
68) Atrazine	11.20	200	148375	55.635	nq	90
69) Pentachlorophenol	11.32	266	156031	89.636	nq	95
70) Phenanthrene	11.54	178	662721	47.621	nq	99
71) Anthracene	11.60	178	679635	46.754	nq	98
72) Carbazole	11.75	167	587587	42.352	nq	96
73) Di-n-butylphthalate	12.06	149	794744	48.091	nq	100
74) Fluoranthene	12.73	202	673257	45.513	nq	98
76) Benzidine	12.86	184	105765	16.361	nq	# 83
77) Pyrene	12.97	202	687330	42.151	nq	99
79) Butylbenzylphthalate	13.56	149	354160	46.100	nq	98
80) Benzo(a)anthracene	14.15	228	640630	45.135	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	152426	32.444	nq	99
82) Chrysene	14.19	228	623883	44.877	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	489508	49.315	nq	100
84) Di-n-octyl phthalate	14.73	149	818764	47.952	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.29	276	705268	48.956	nq	96
87) Benzo(b)fluoranthene	15.24	252	665073	43.668	nq	97
88) Benzo(k)fluoranthene	15.27	252	651233	45.392	nq	98
89) Benzo(a)pyrene	15.64	252	646383	45.798	nq	99
90) Dibenzo(a,h)anthracene	17.31	278	589923	45.208	nq	98
91) Benzo(g,h,i)perylene	17.78	276	566459	43.340	nq	95

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

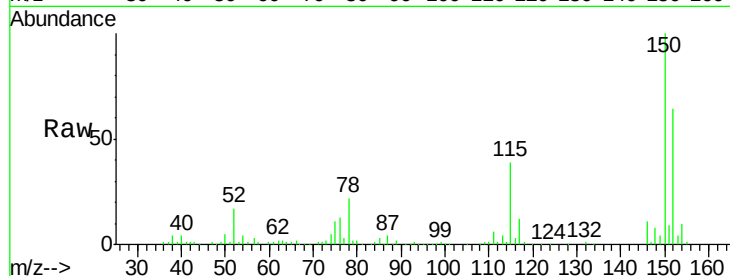


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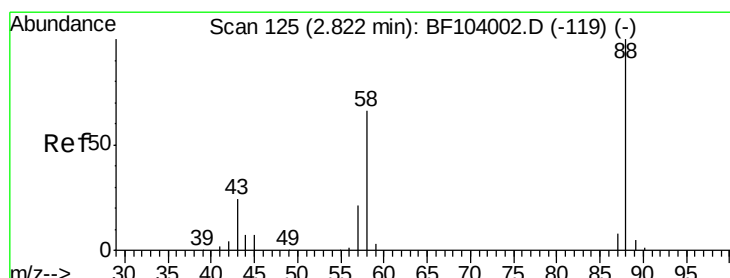
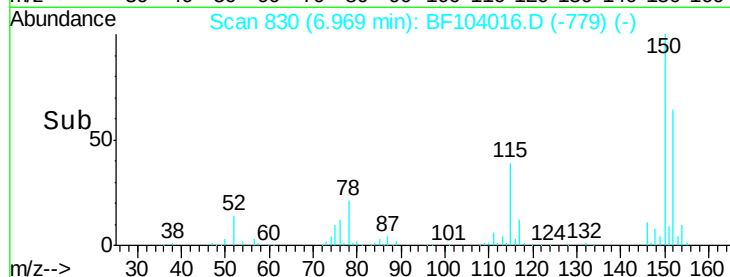
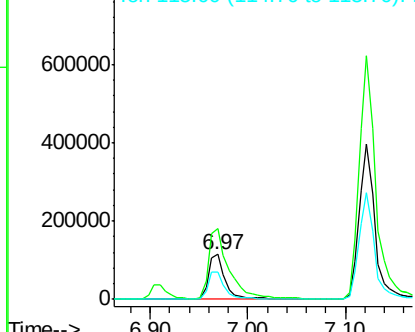
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138606
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.8 50.1 75.1



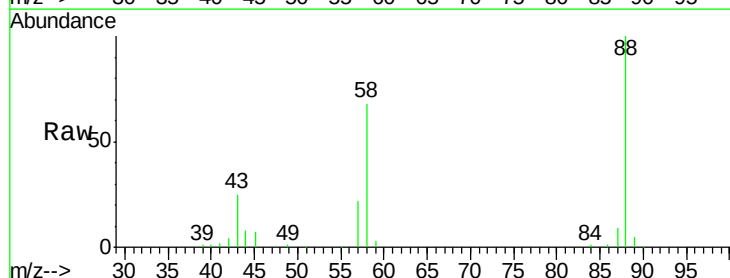
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



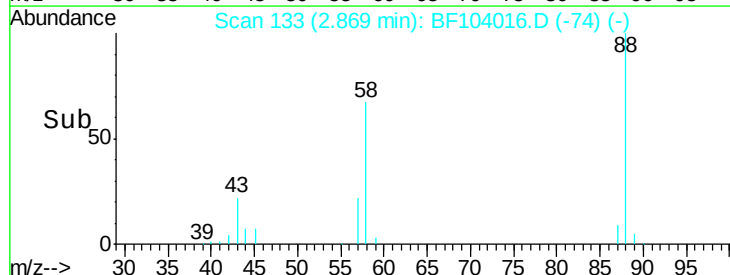
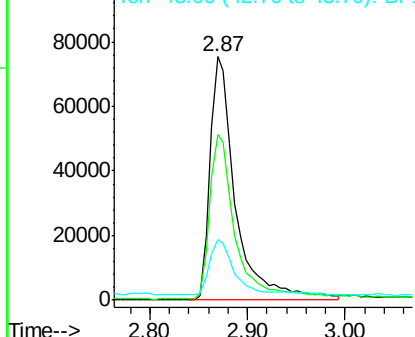
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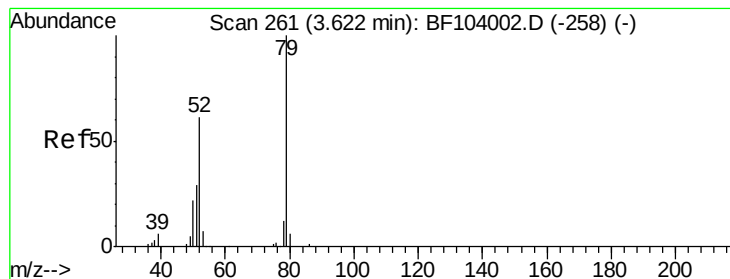
1,4-Dioxane
Concen: 36.605 ng
RT: 2.87 min Scan# 133
Delta R.T. 0.05 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion: 88 Resp: 137215
Ion Ratio Lower Upper
88 100
58 70.5 62.6 93.8
43 20.9 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: 11.205 ng

RT: 3.70 min Scan# 275

Delta R.T. 0.08 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

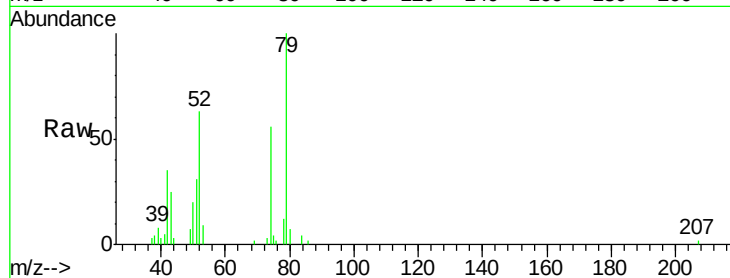
Tot Ion: 79 Resp: 106331

Ion Ratio Lower Upper

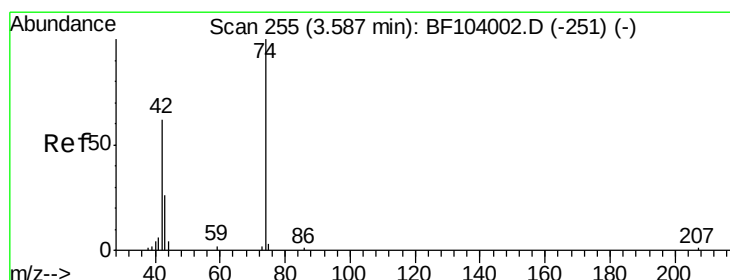
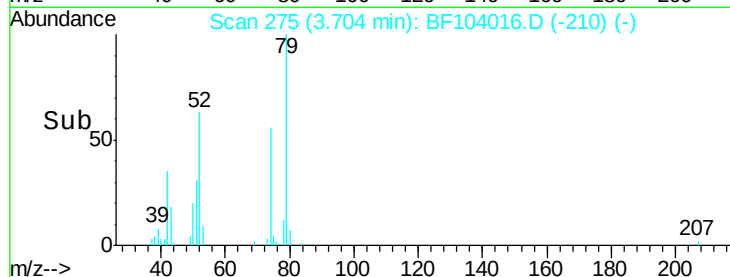
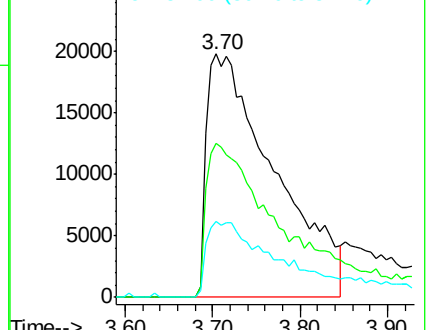
79 100

52 63.3 59.8 89.6

51 31.1 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 41.420 ng

RT: 3.63 min Scan# 262

Delta R.T. 0.04 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

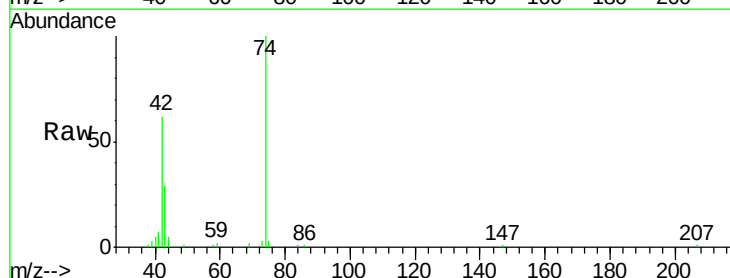
Tgt Ion: 42 Resp: 116834

Ion Ratio Lower Upper

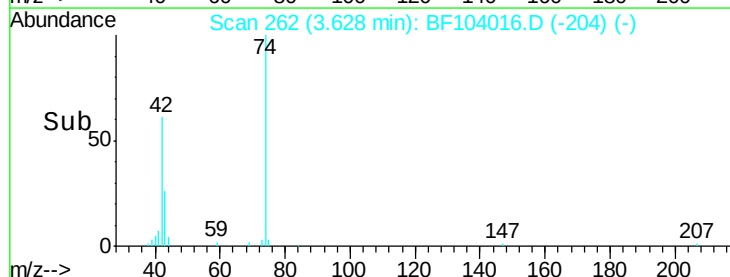
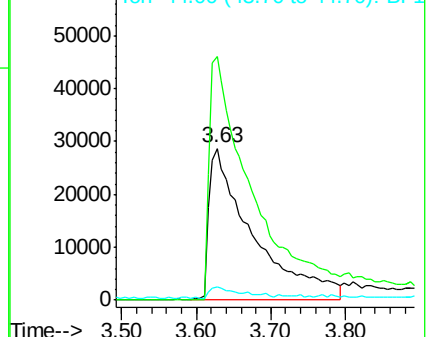
42 100

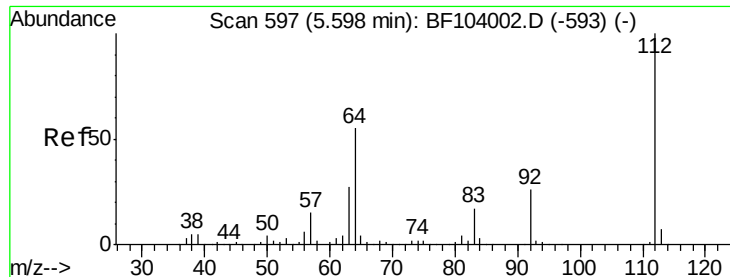
74 160.8 104.9 157.3#

44 8.4 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: 135.330 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampled :

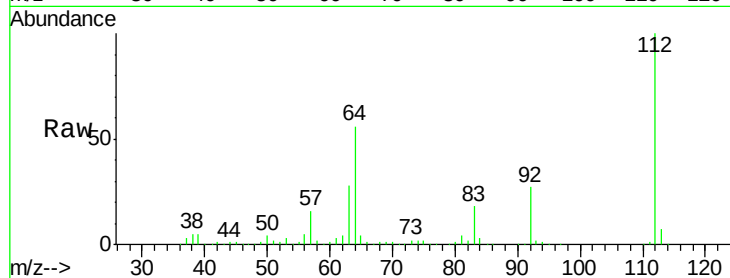
Tot Ion:112 Resp: 1176204

Ion Ratio Lower Upper

112 100

64 56.0 47.9 71.9

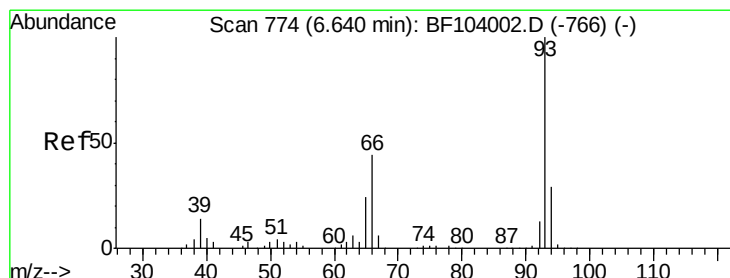
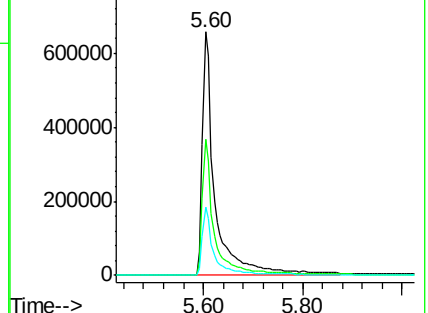
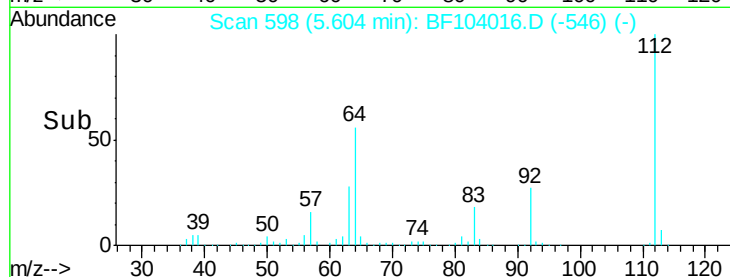
63 28.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.362 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

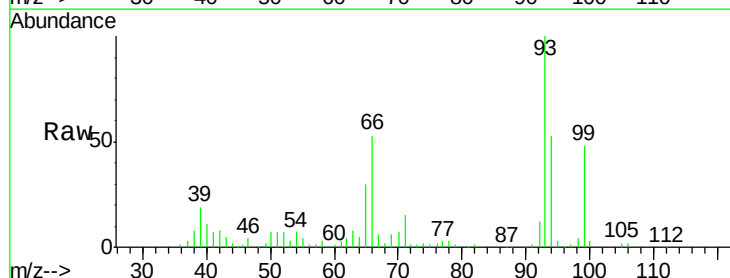
Tgt Ion: 93 Resp: 324662

Ion Ratio Lower Upper

93 100

66 53.3 32.2 48.2#

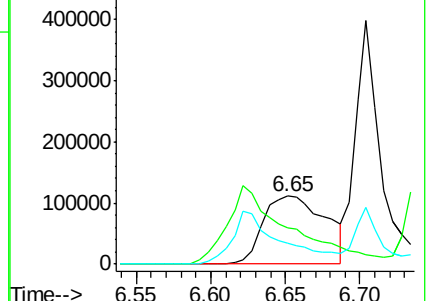
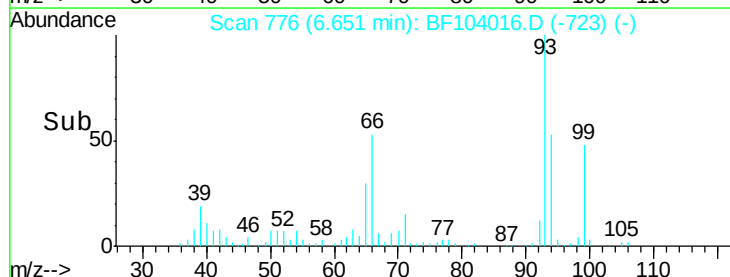
65 30.5 16.4 24.6#

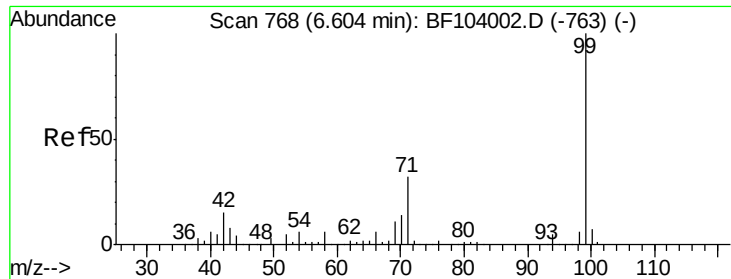


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 129.344 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

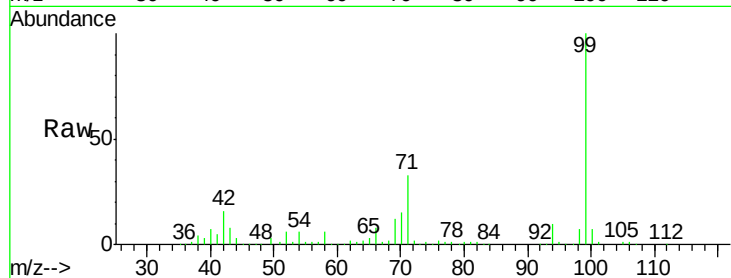
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1383087

Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	32.9	25.4	38.0

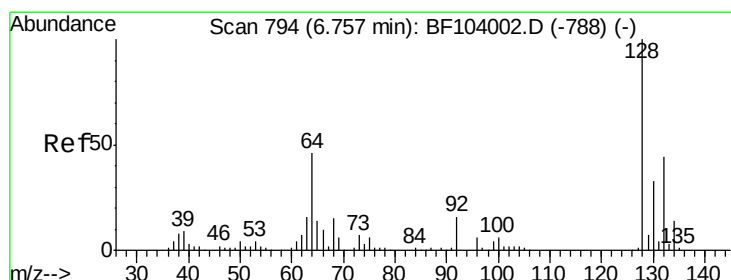
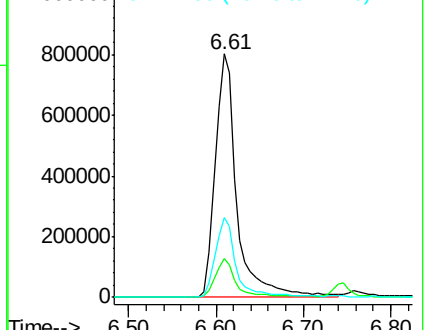
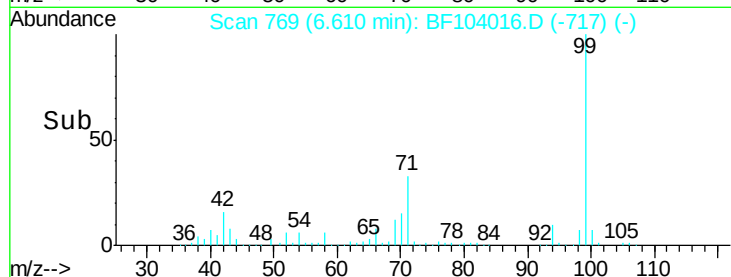


Abundance

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: 47.543 ng

RT: 6.76 min Scan# 795

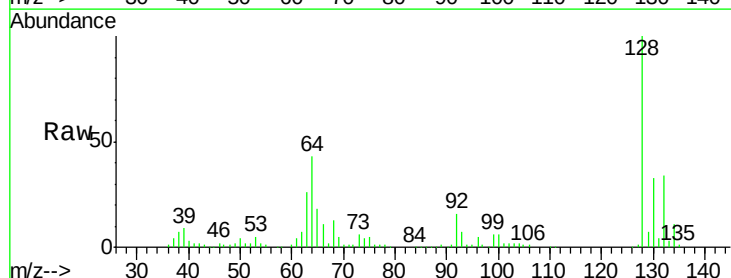
Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion: 128 Resp: 453276

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.0	53.0
64	43.0	29.4	69.4

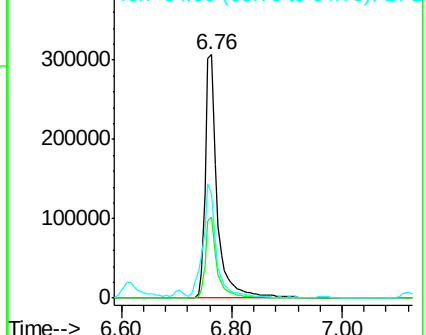
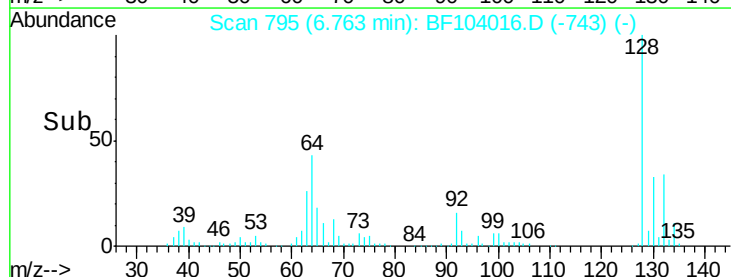


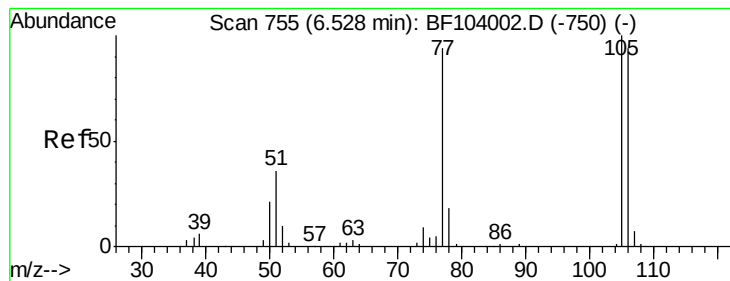
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 32.729 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampled :

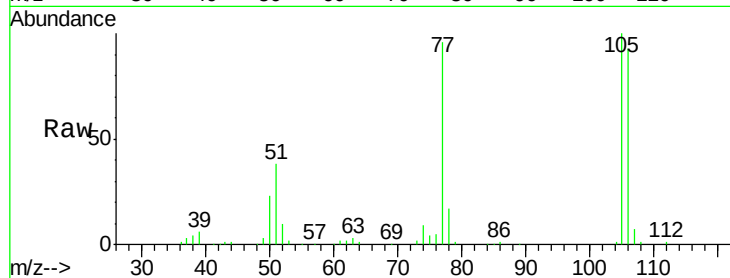
Tot Ion: 77 Resp: 192009

Ion Ratio Lower Upper

77 100

105 104.2 81.1 121.1

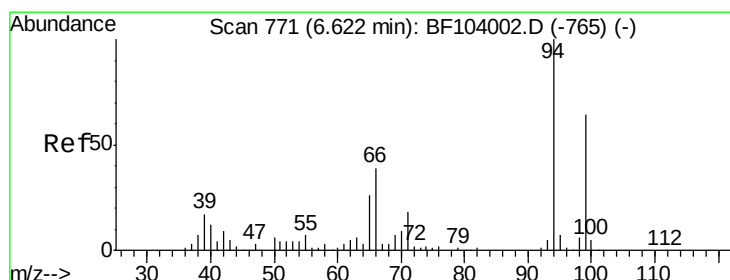
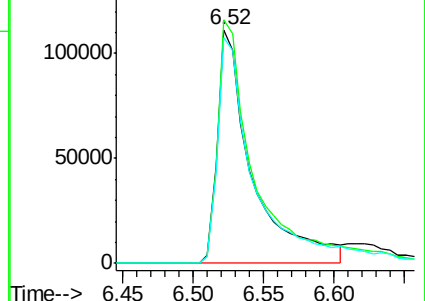
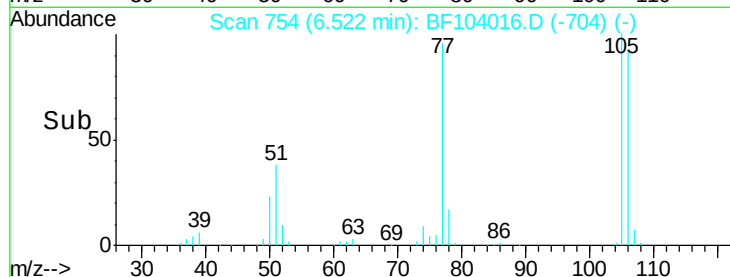
106 96.8 74.5 114.5



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: 45.757 ng

RT: 6.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

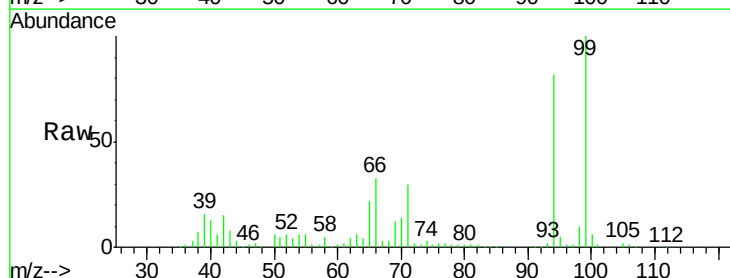
Tgt Ion: 94 Resp: 542119

Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

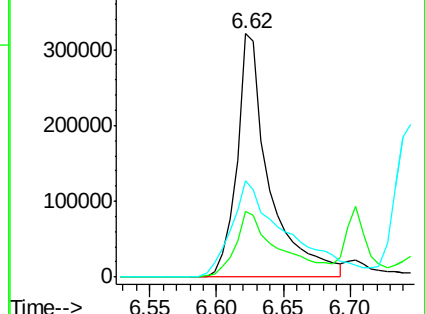
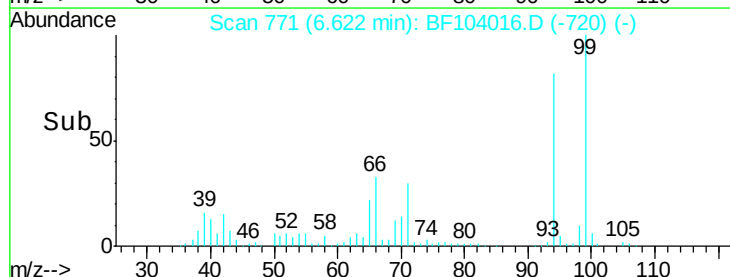
66 39.9 16.2 56.2

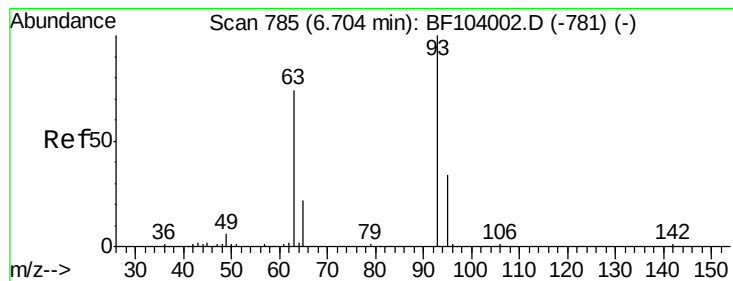


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.541 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampled :

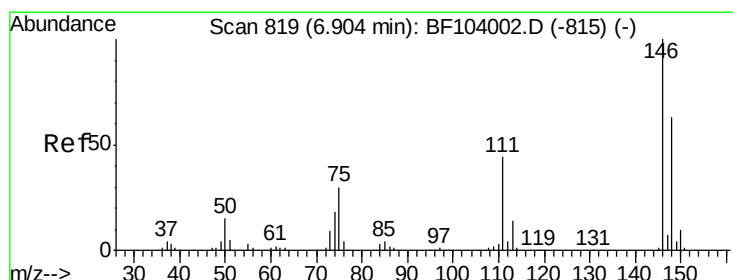
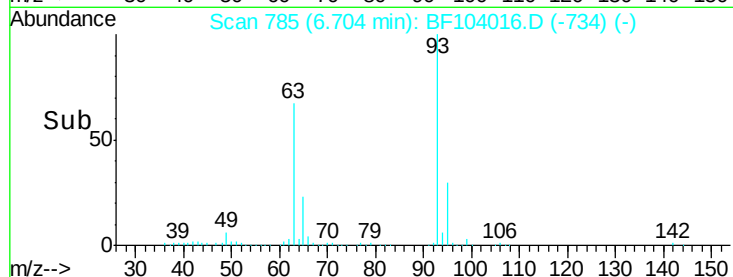
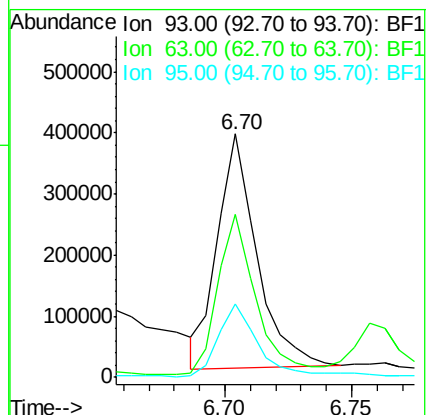
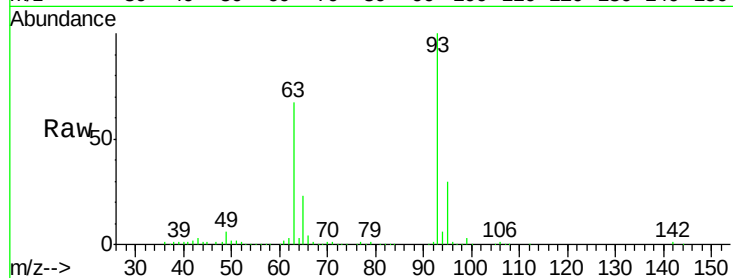
Tot Ion: 93 Resp: 413909

Ion Ratio Lower Upper

93 100

63 66.8 58.6 98.6

95 30.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 42.083 ng

RT: 6.91 min Scan# 820

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

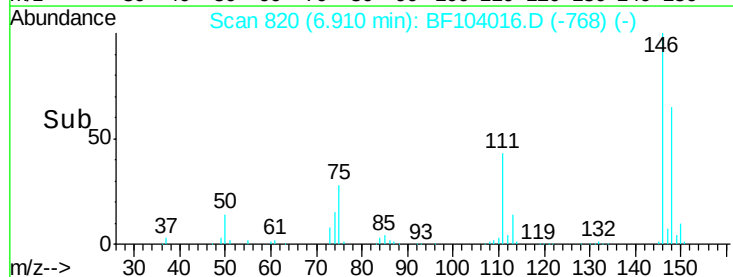
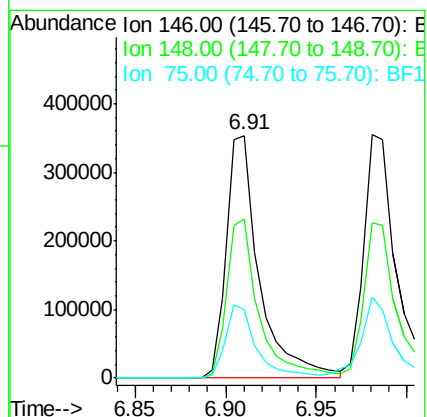
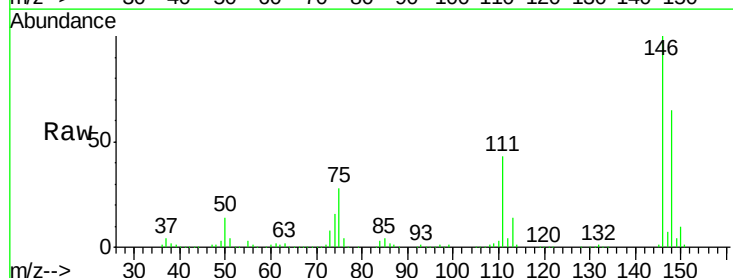
Tgt Ion: 146 Resp: 451012

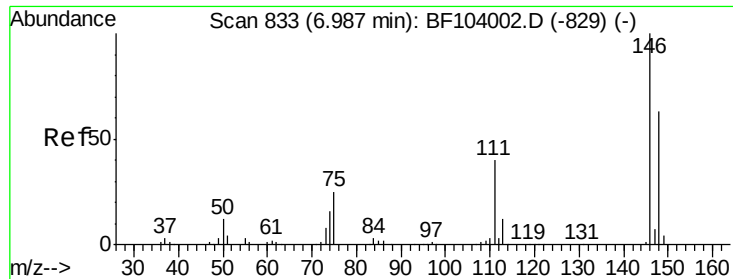
Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.8

75 28.4 24.2 36.4

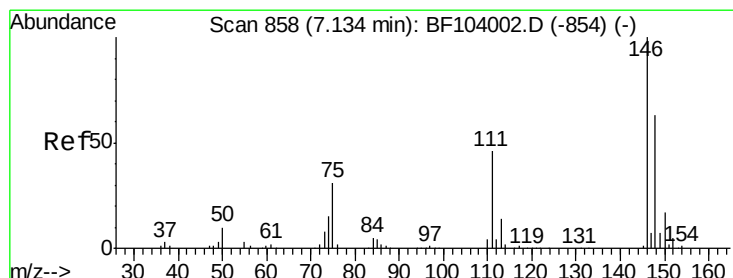
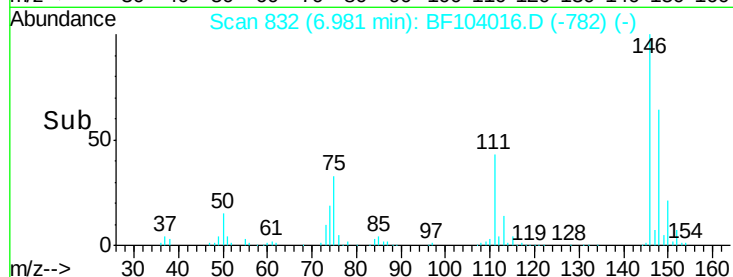
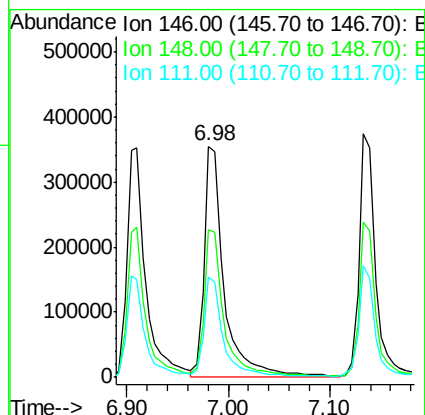
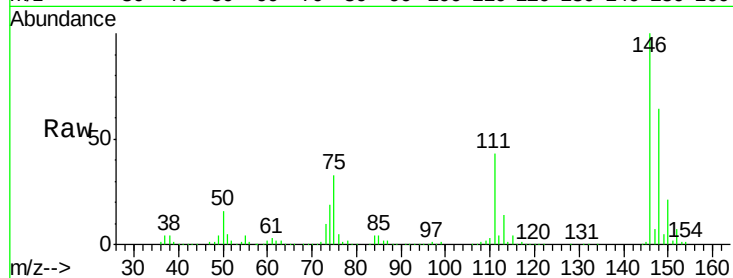




#13
 1,4-Dichlorobenzene
 Concen: 42.377 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

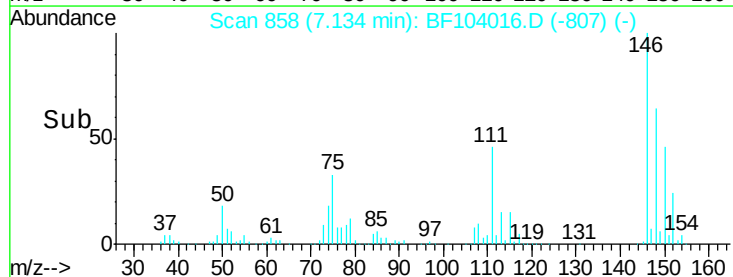
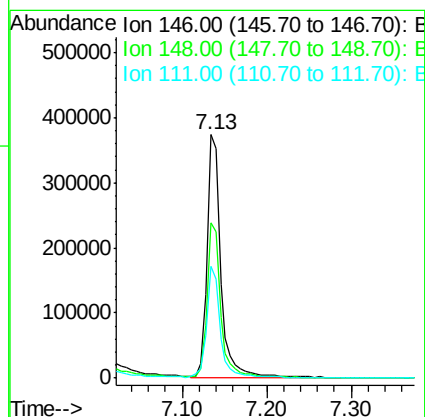
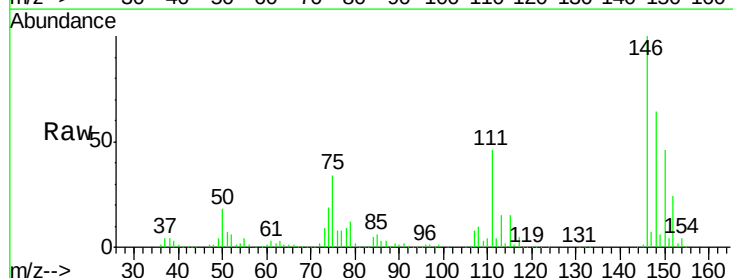
Instrument :
 BNA_F
 ClientSampleId :

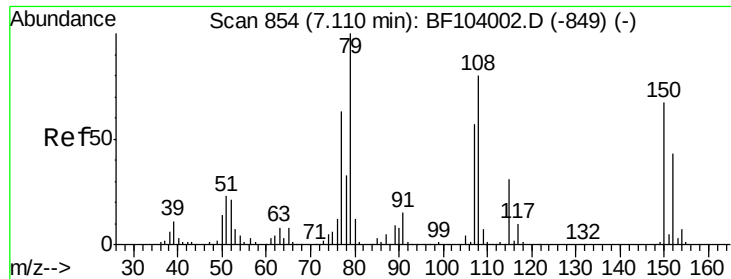
Tot Ion:146 Resp: 486636
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 43.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.933 ng
 RT: 7.13 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion:146 Resp: 422493
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.6 75.8
 111 46.0 36.0 54.0

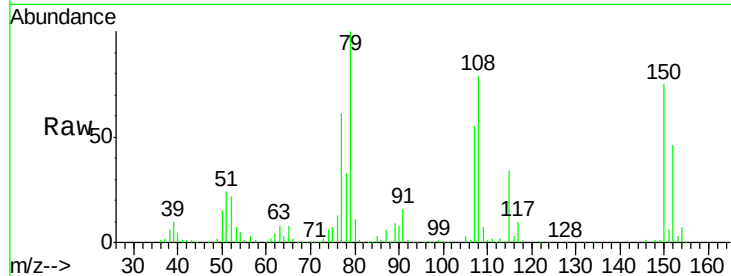




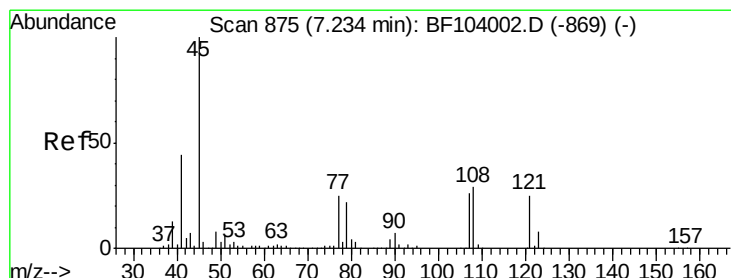
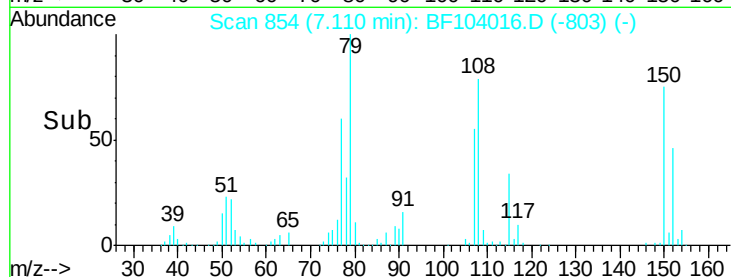
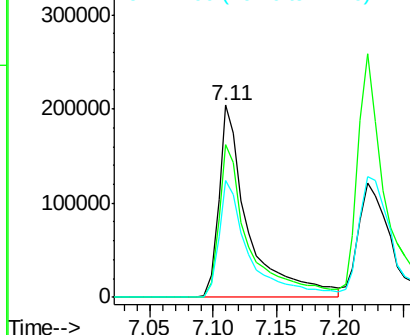
#15
Benzyl Alcohol
Concen: 47.353 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 329217
Ion Ratio Lower Upper
79 100
108 79.4 65.1 97.7
77 60.8 50.6 75.8

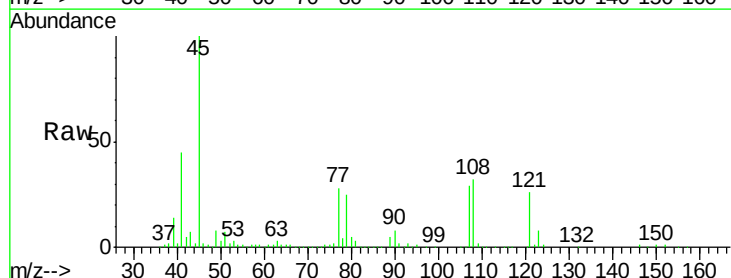


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

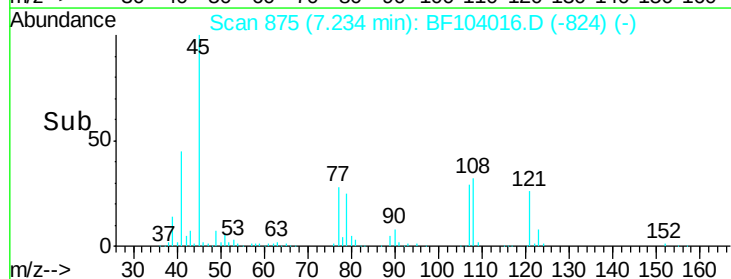
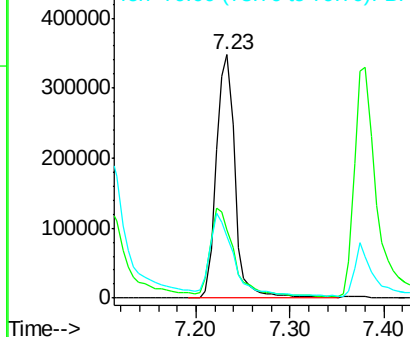


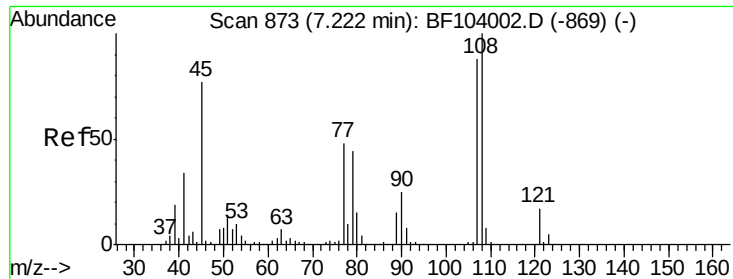
#16
2,2'-oxybis(1-chloropropane)
Concen: 44.131 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion: 45 Resp: 490863
Ion Ratio Lower Upper
45 100
77 28.0 0.0 32.9
79 25.2 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

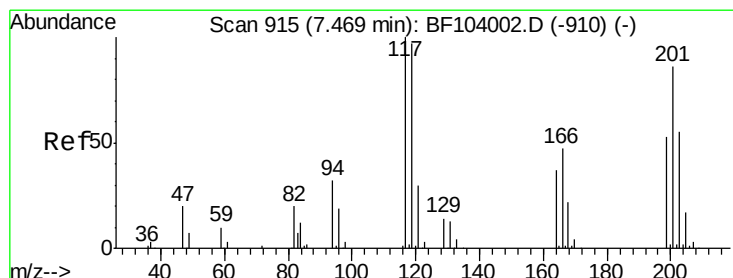
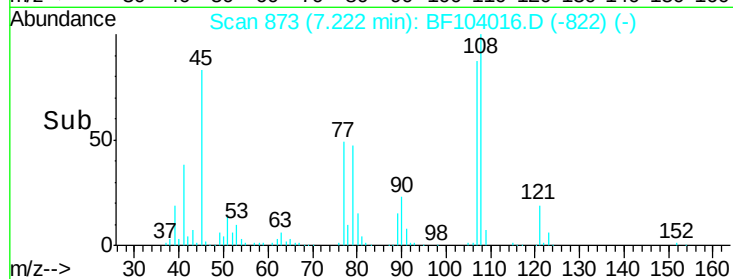
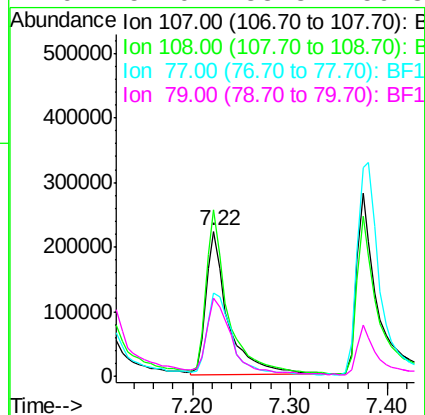
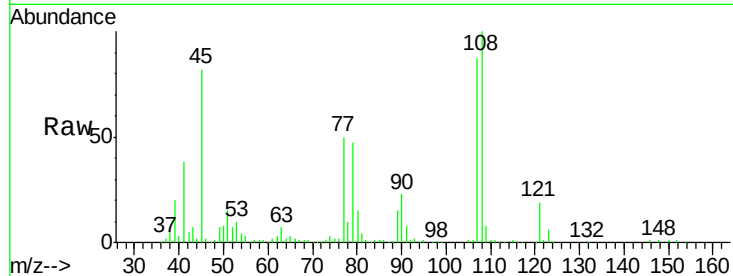




#17
2-Methylphenol
Concen: 45.236 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

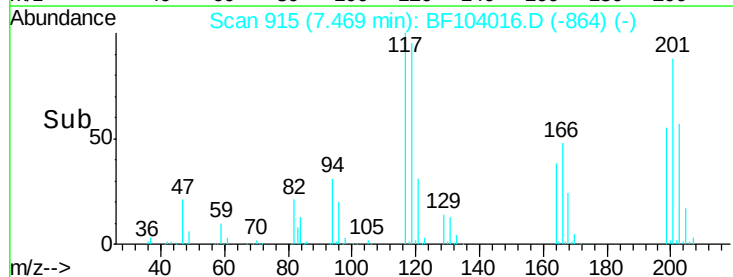
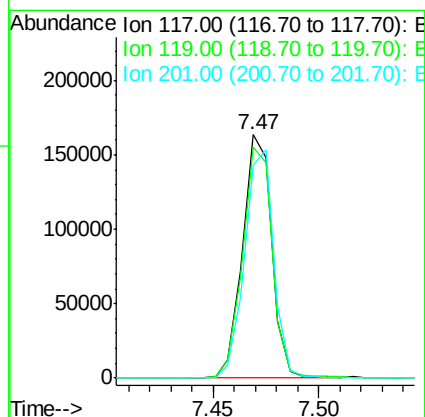
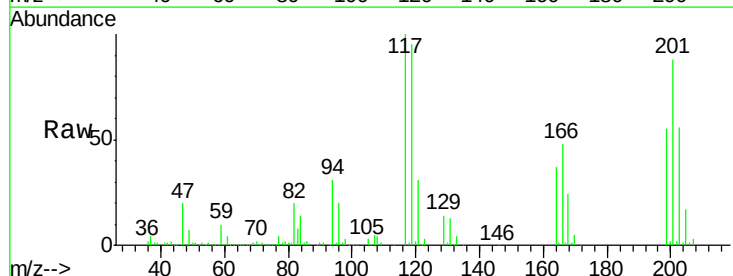
Instrument :
BNA_F
ClientSampleId :

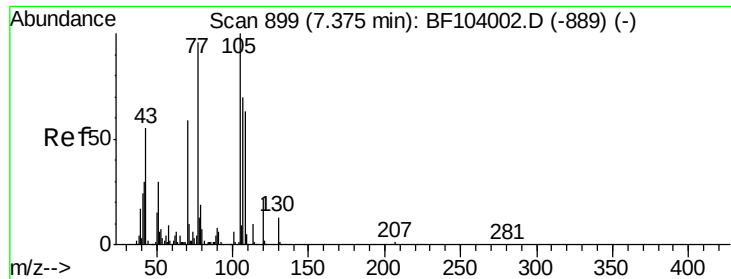
Tot Ion:107 Resp: 351017
Ion Ratio Lower Upper
107 100
108 115.0 91.7 137.5
77 57.1 33.8 50.8#
79 54.0 33.8 50.8#



#18
Hexachloroethane
Concen: 40.677 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion:117 Resp: 156396
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 87.6 75.7 113.5

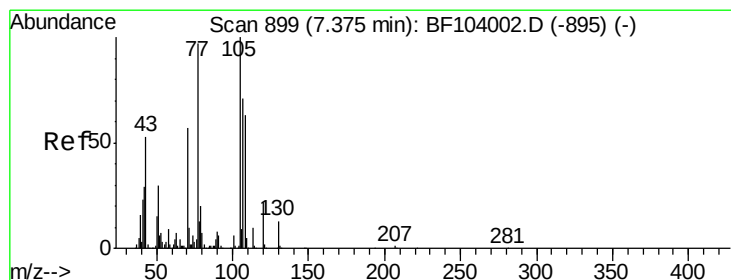
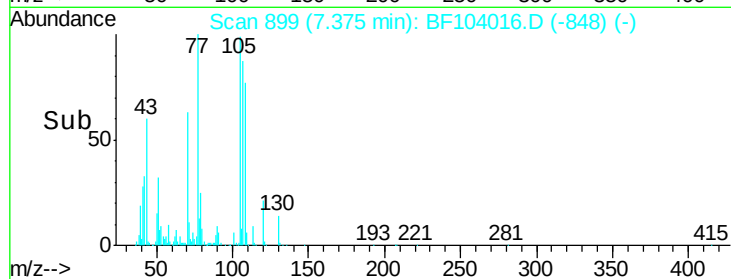
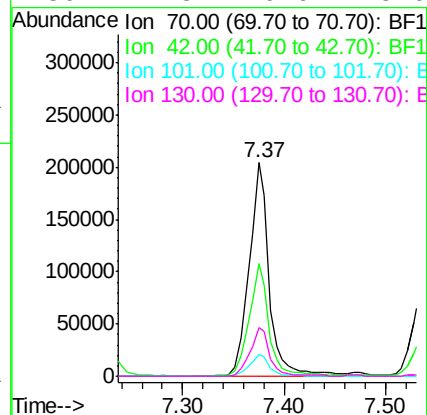
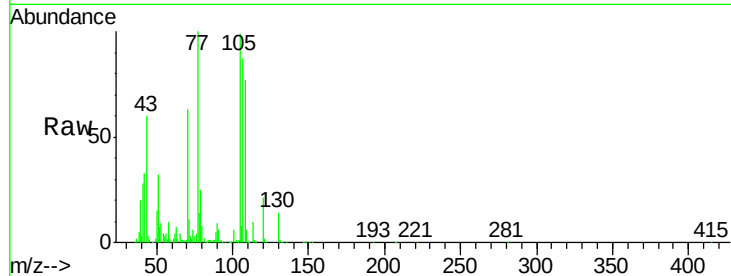




#19
n-Nitroso-di-n-propylamine
Concen: 44.100 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

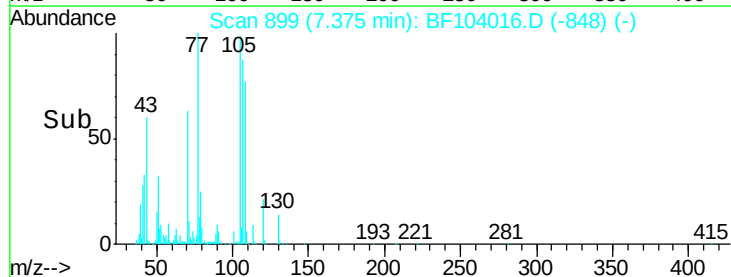
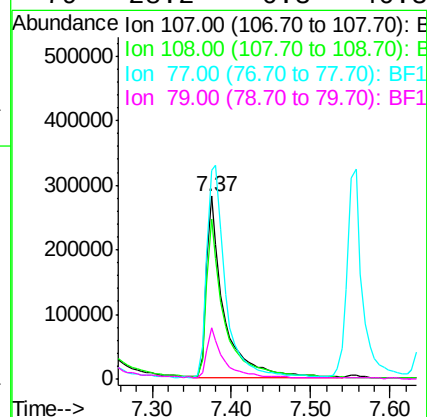
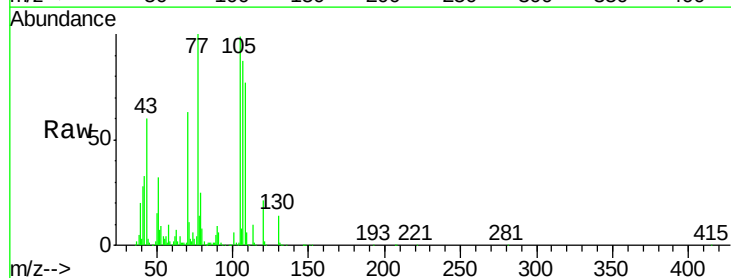
Instrument :
BNA_F
ClientSampleId :

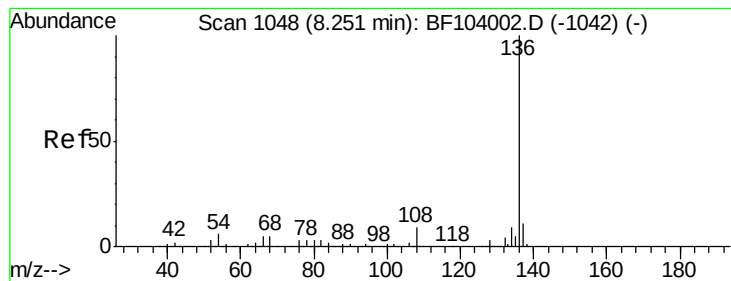
Tot Ion: 70 Resp: 279851
Ion Ratio Lower Upper
70 100
42 52.5 47.5 71.3
101 10.1 7.4 11.2
130 22.8 16.6 25.0



#20
3+4-Methylphenols
Concen: 44.077 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion: 107 Resp: 436509
Ion Ratio Lower Upper
107 100
108 88.0 68.2 108.2
77 114.6 26.7 66.7#
79 28.2 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 556846

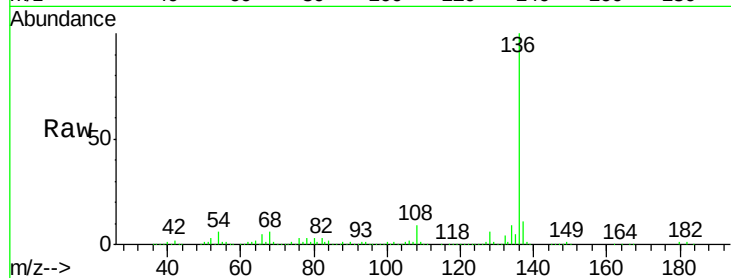
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.3 6.6 9.8#

68 5.7 5.0 7.4

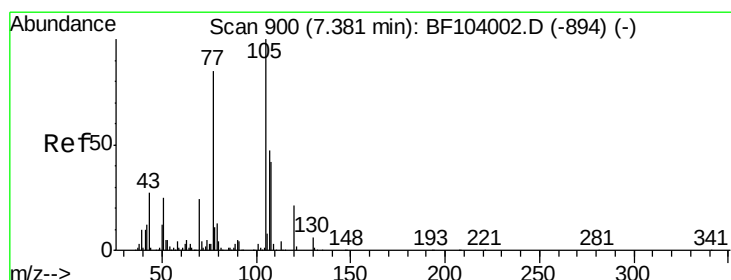
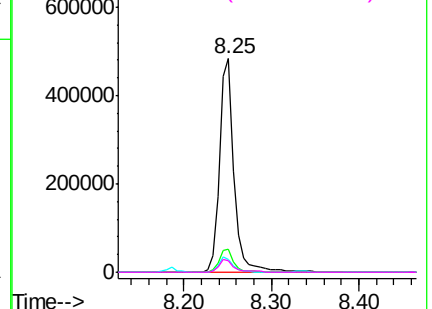
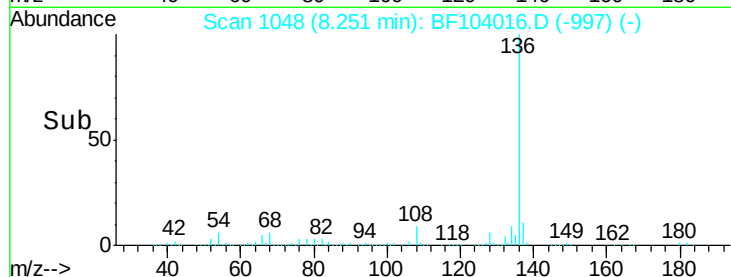


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.648 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion:105 Resp: 588064

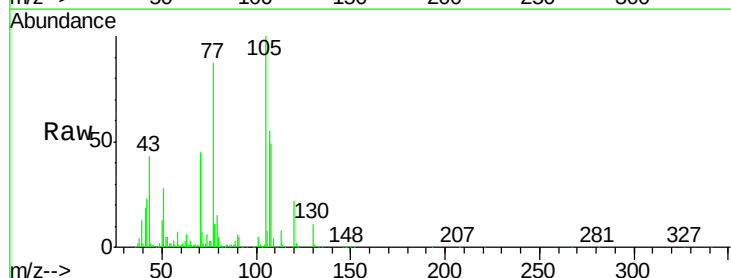
Ion Ratio Lower Upper

105 100

71 7.4 4.4 6.6#

51 27.7 22.3 33.5

120 22.1 16.9 25.3

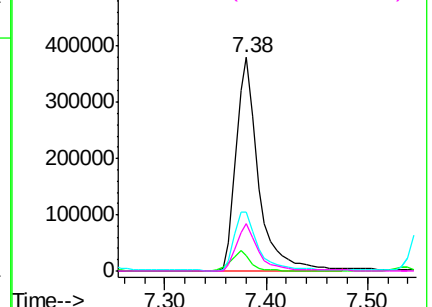
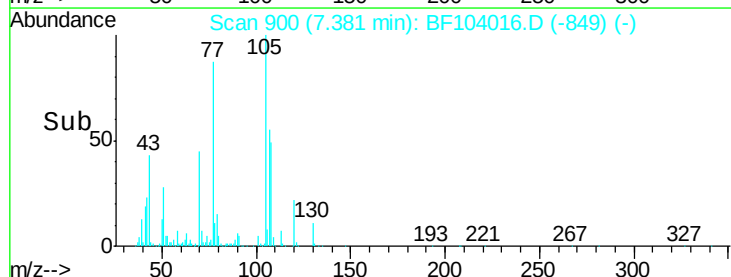


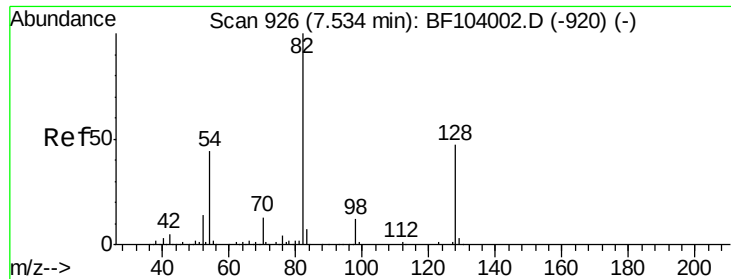
Abundance Ion 105.00 (104.70 to 105.70): E

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

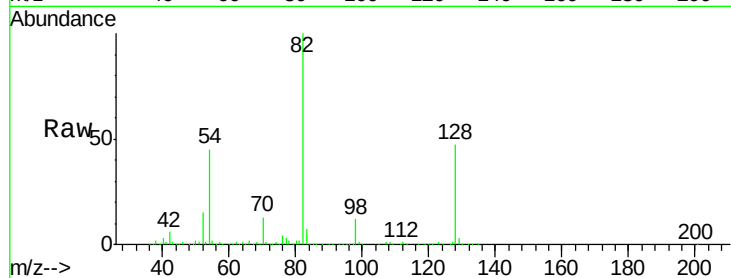




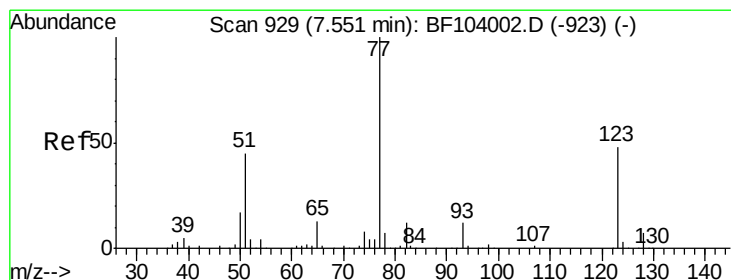
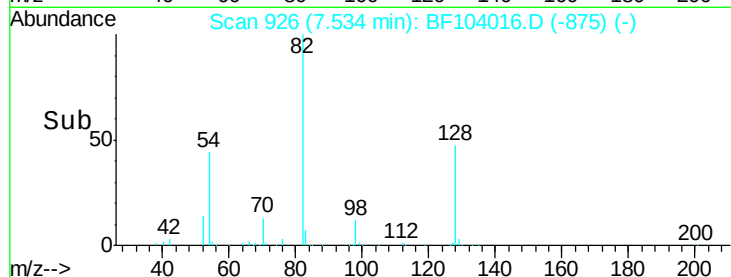
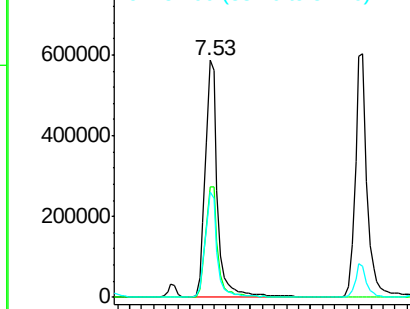
#23
Nitrobenzene-d5
Concen: 91.839 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	836229
Ion Ratio	Lower	Upper	
82	100		
128	46.6	36.1	54.1
54	44.6	41.4	62.2

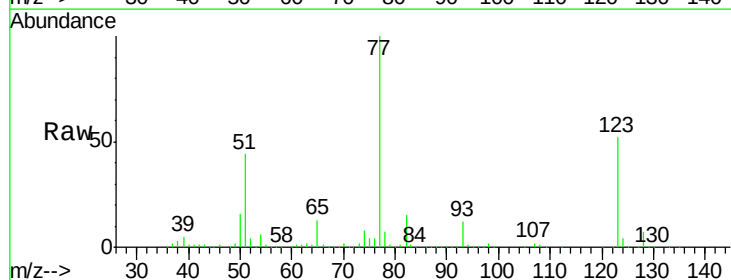


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

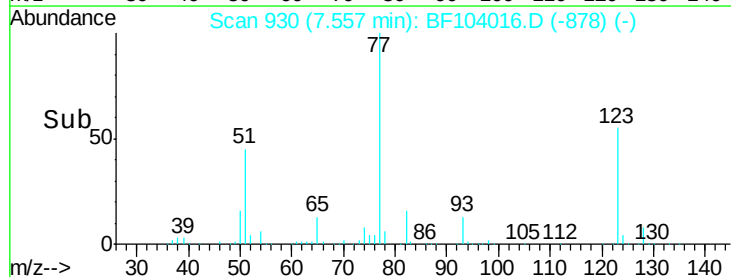
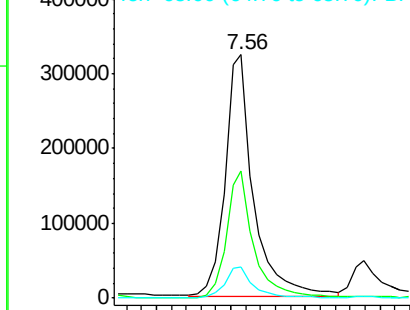


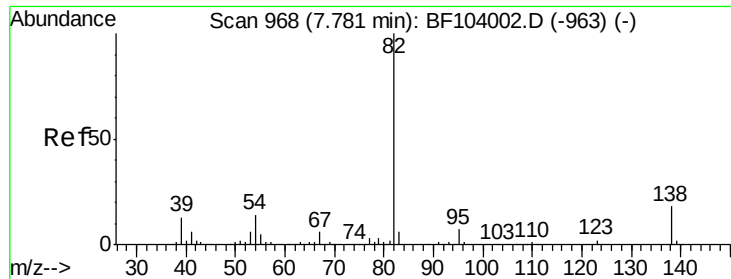
#24
Nitrobenzene
Concen: 45.119 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	77	Resp	432257
Ion Ratio	Lower	Upper	
77	100		
123	52.4	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: 48.374 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

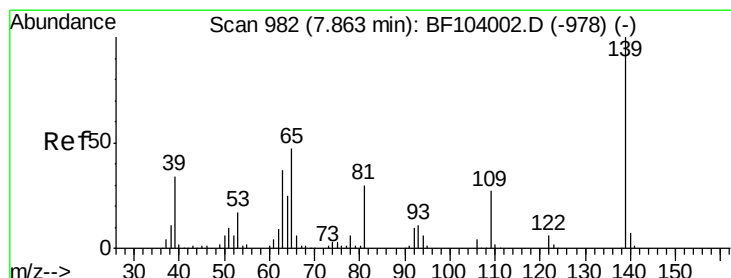
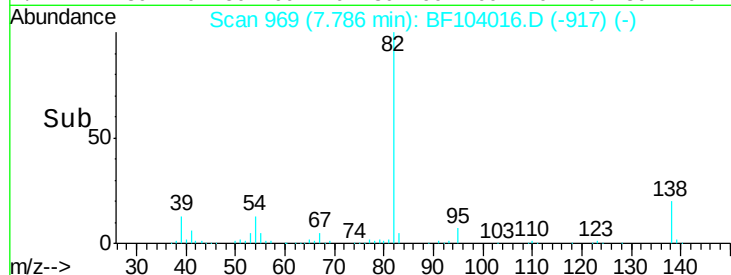
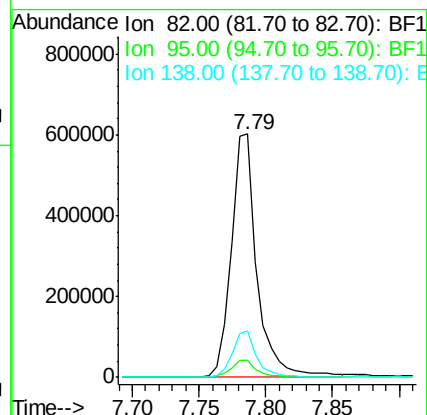
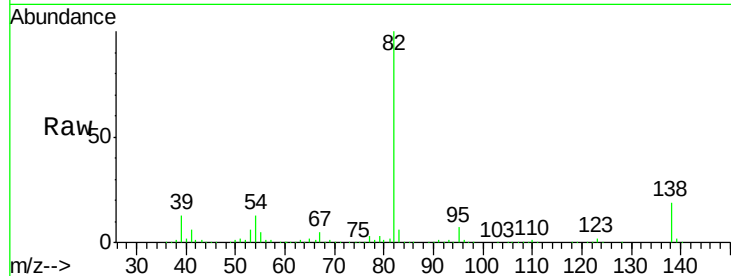
Tot Ion: 82 Resp: 811742

Ion Ratio Lower Upper

82 100

95 7.2 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 49.606 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

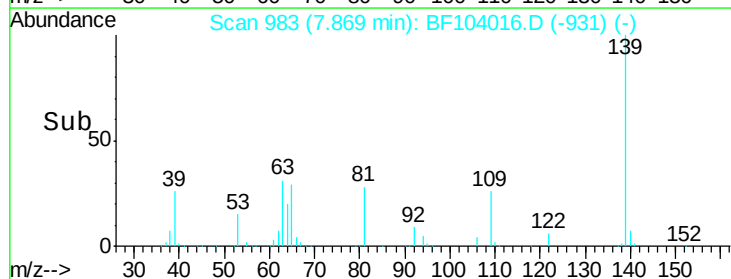
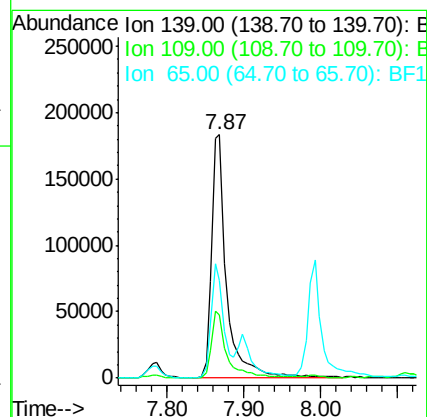
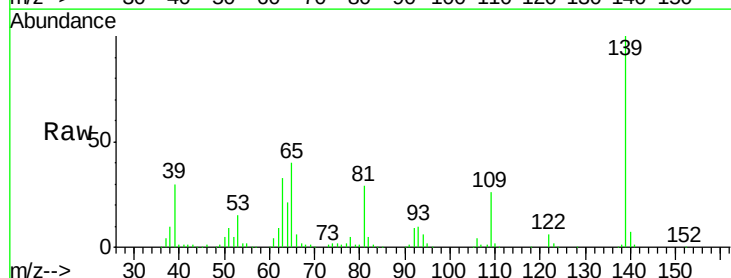
Tgt Ion: 139 Resp: 248073

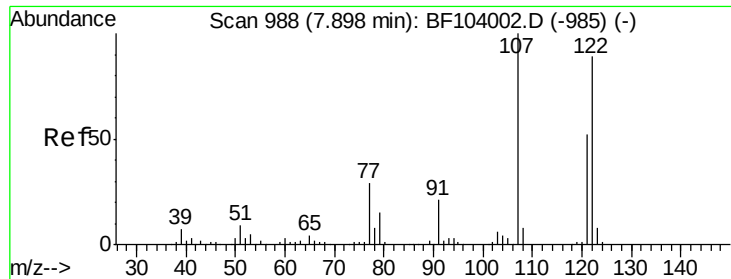
Ion Ratio Lower Upper

139 100

109 26.2 22.7 34.1

65 40.2 40.5 60.7#

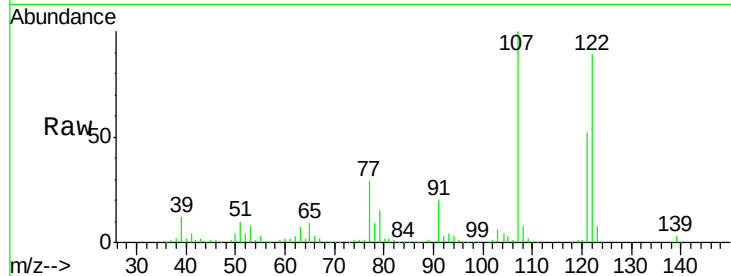




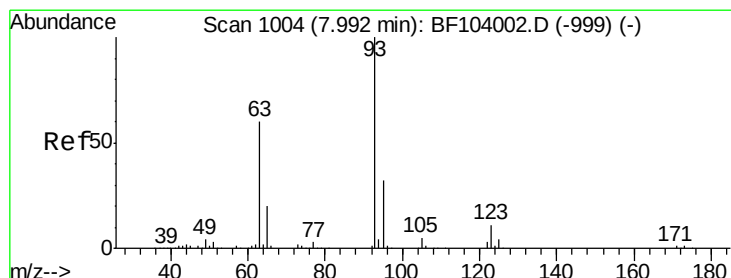
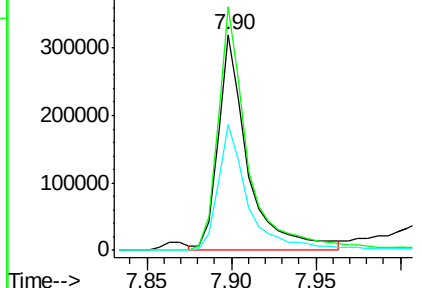
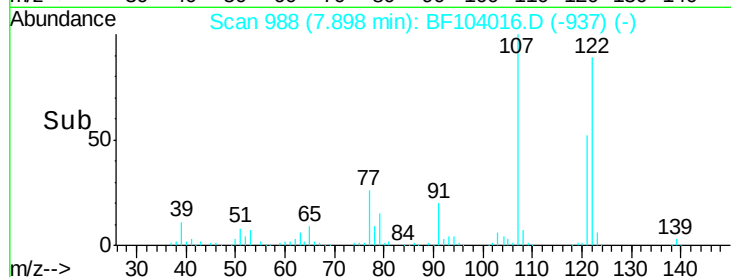
#27
 2,4-Dimethylphenol
 Concen: 53.849 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 388377
 Ion Ratio Lower Upper
 122 100
 107 112.8 91.2 136.8
 121 58.6 47.2 70.8

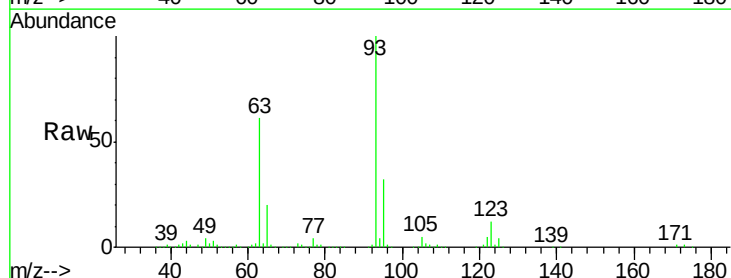


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

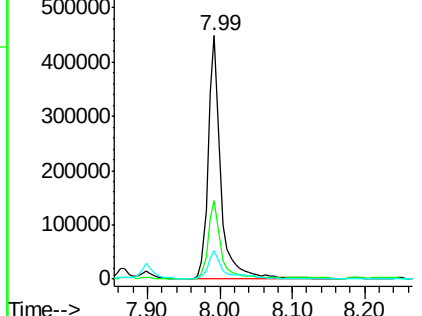
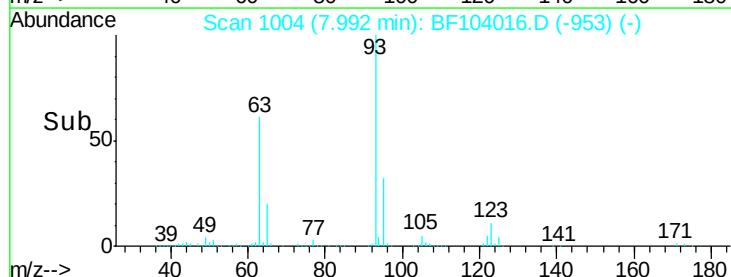


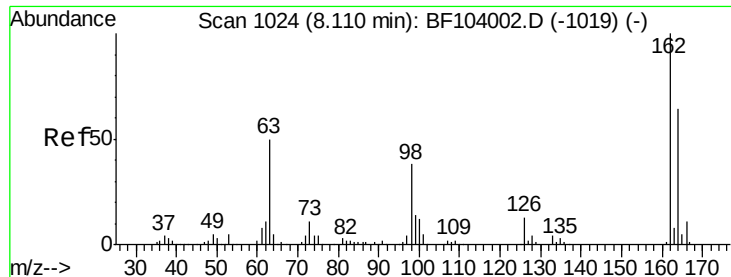
#28
 bis(2-Chloroethoxy)methane
 Concen: 50.750 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion: 93 Resp: 533747
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.3 39.5
 123 11.6 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

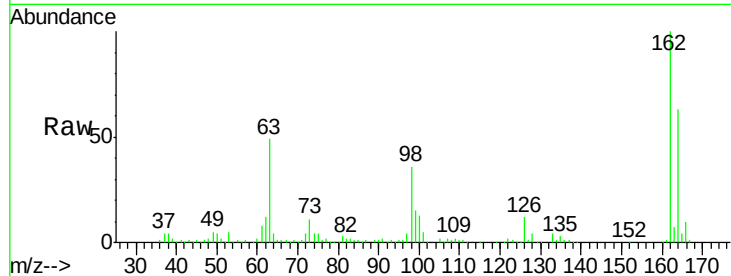




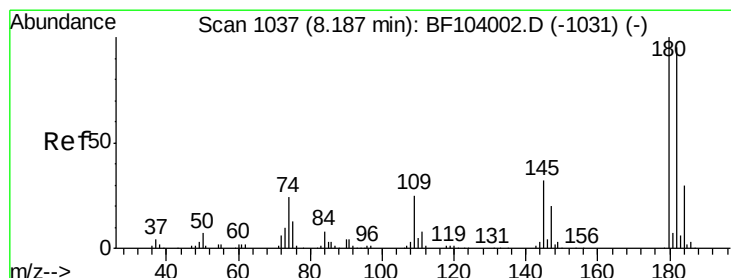
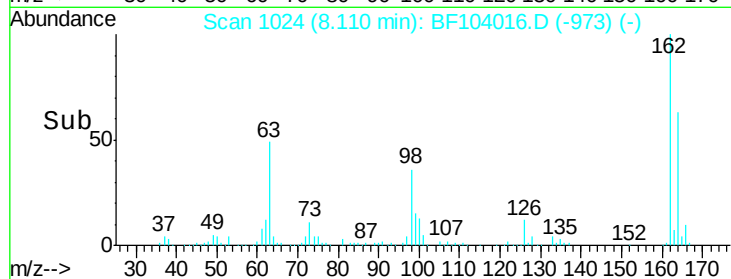
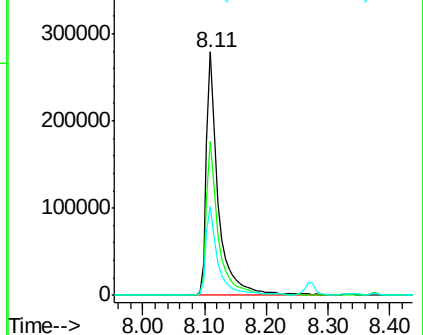
#29
 2,4-Dichlorophenol
 Concen: 49.923 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 376081
 Ion Ratio Lower Upper
 162 100
 164 63.4 42.7 82.7
 98 36.5 18.1 58.1

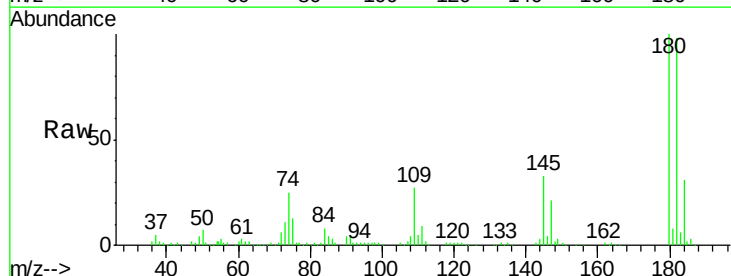


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

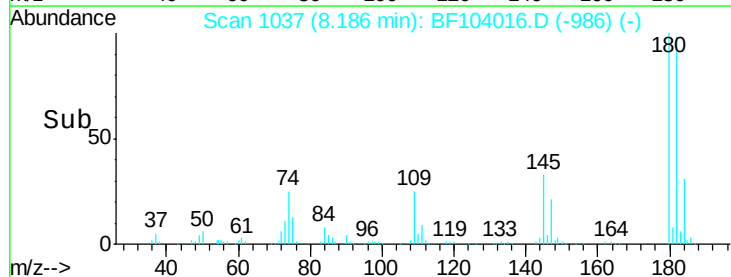
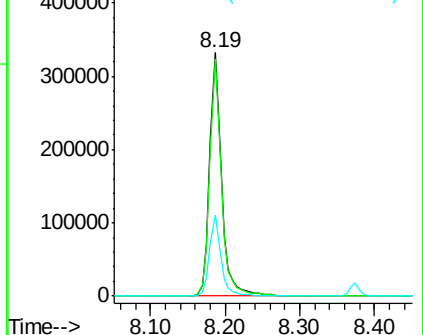


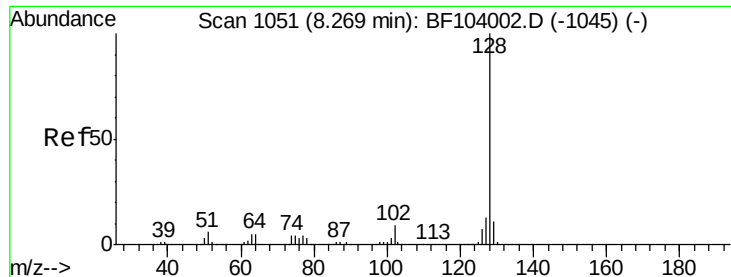
#30
 1,2,4-Trichlorobenzene
 Concen: 43.882 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion:180 Resp: 375077
 Ion Ratio Lower Upper
 180 100
 182 97.7 76.8 115.2
 145 33.3 26.5 39.7



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

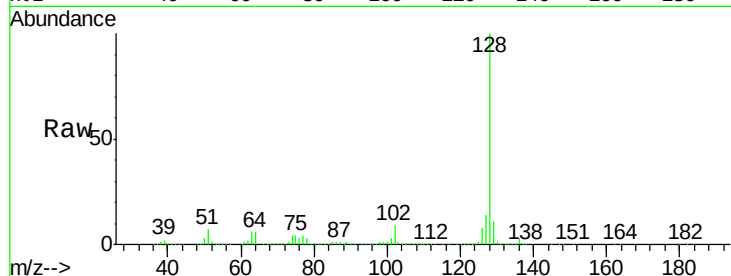




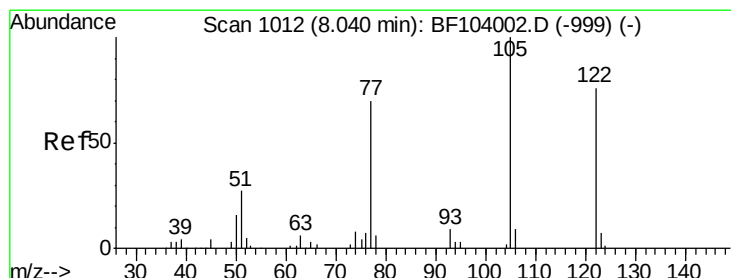
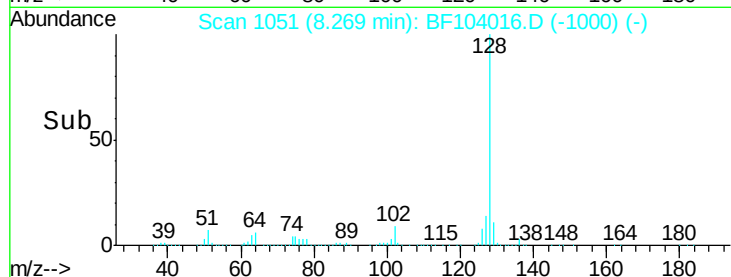
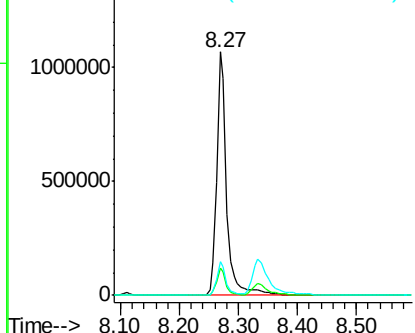
#31
Naphthalene
Concen: 46.636 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1268682
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.9 16.3

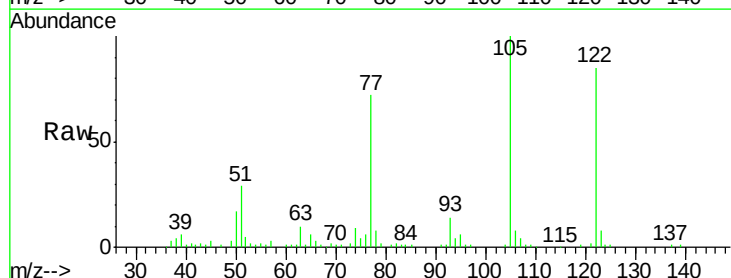


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

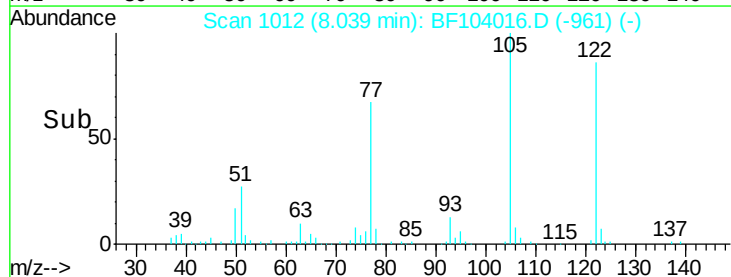
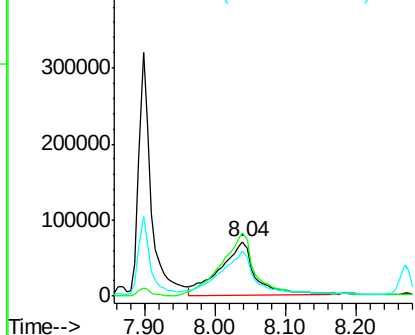


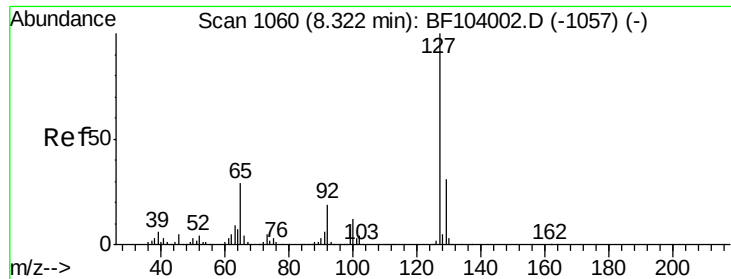
#32
Benzoic acid
Concen: 44.905 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion:122 Resp: 237255
Ion Ratio Lower Upper
122 100
105 117.1 101.1 141.1
77 84.1 70.7 110.7



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

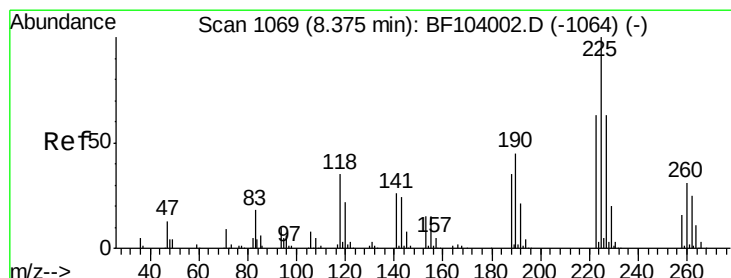
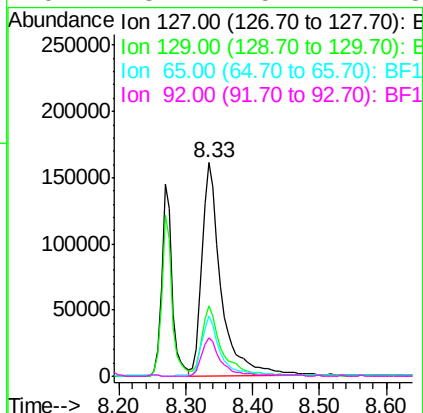
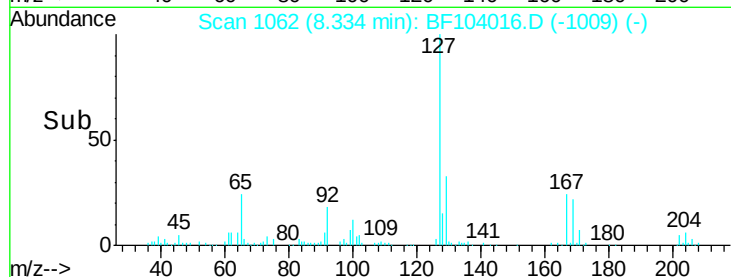
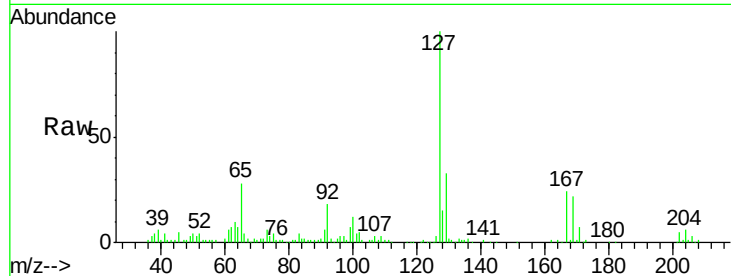




#33
4-Chloroaniline
Concen: 27.719 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

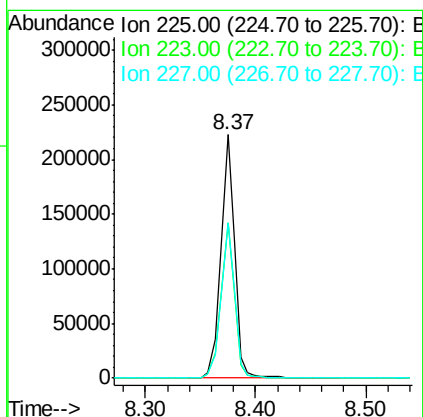
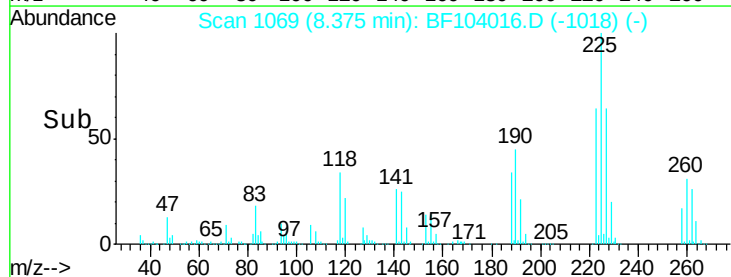
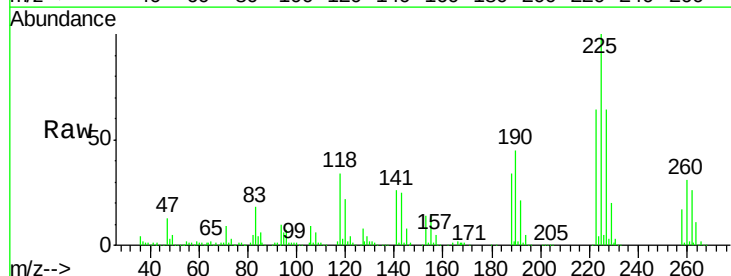
Instrument :
BNA_F
ClientSampled :

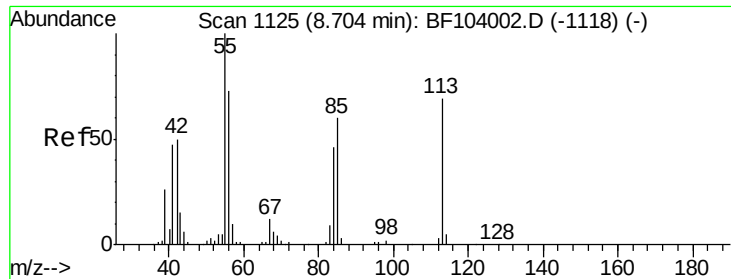
Tot Ion:	127	Resp:	317902
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	28.0	25.0	37.4
92	18.1	15.2	22.8



#34
Hexachlorobutadiene
Concen: 42.102 ng
RT: 8.37 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion:	225	Resp:	195827
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	76.0
227	63.6	51.9	77.9

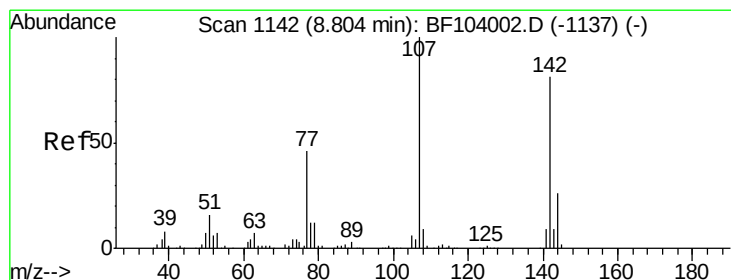
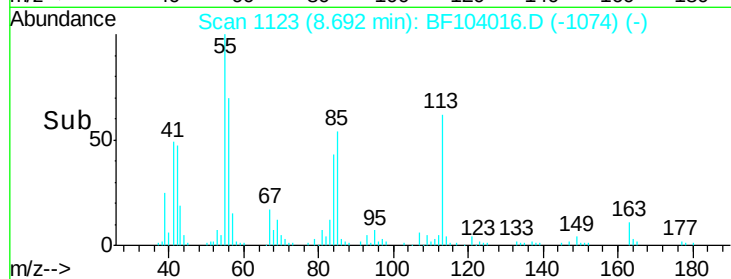
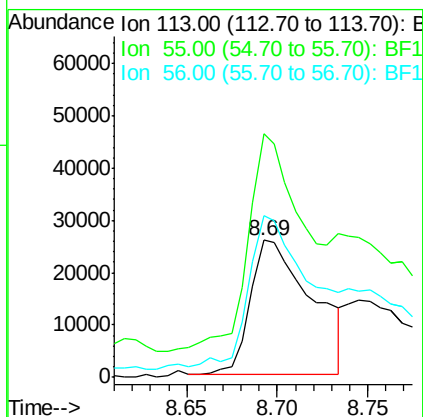
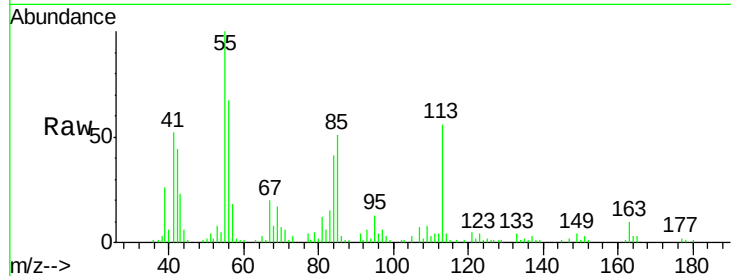




#35
 Caprolactam
 Concen: 25.473 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

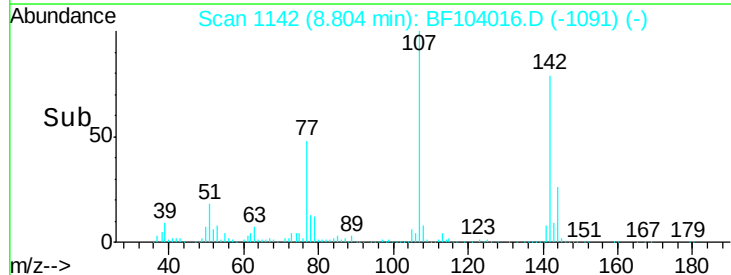
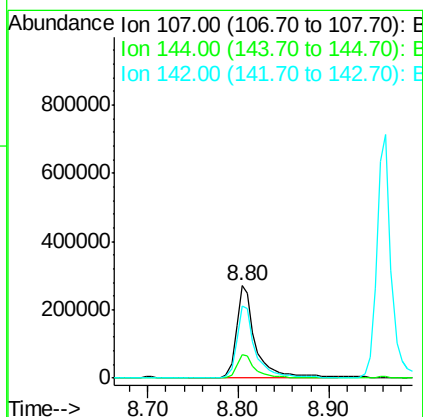
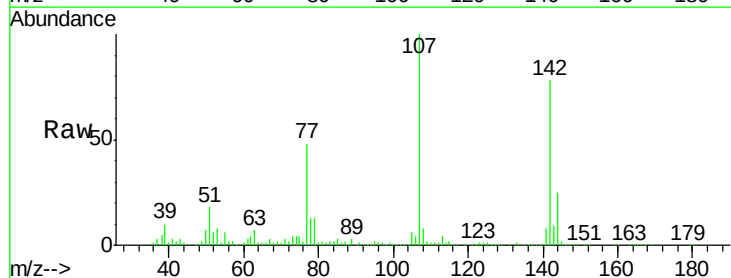
Instrument :
 BNA_F
 ClientSampled :

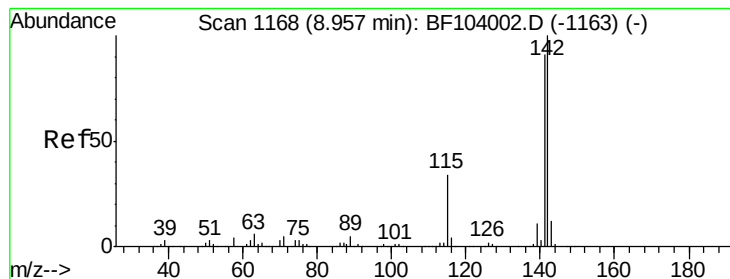
Tot Ion:113 Resp: 60845
 Ion Ratio Lower Upper
 113 100
 55 177.8 163.3 203.3
 56 118.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 49.608 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion:107 Resp: 395278
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 77.8 62.0 93.0

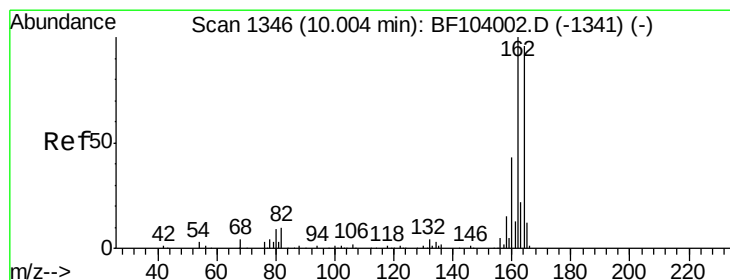
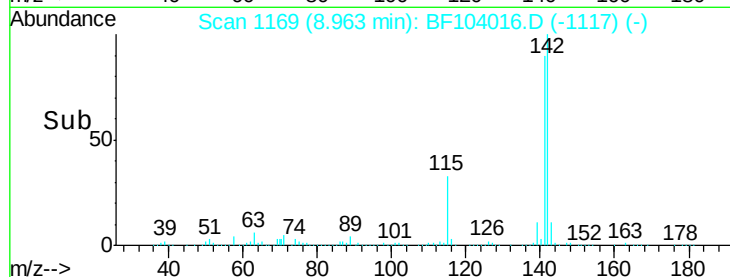
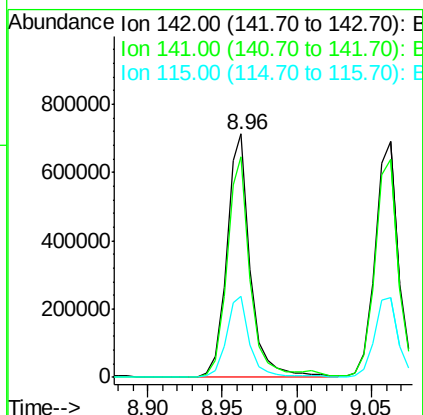
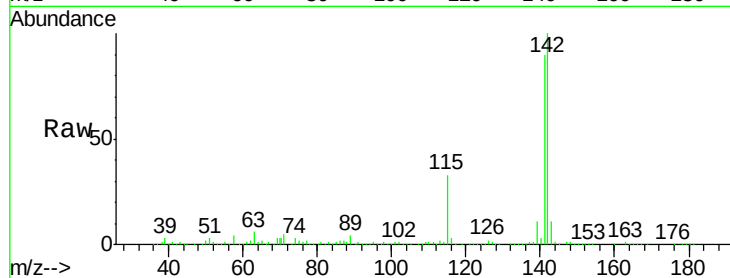




#37
 2-Methylnaphthalene
 Concen: 44.187 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

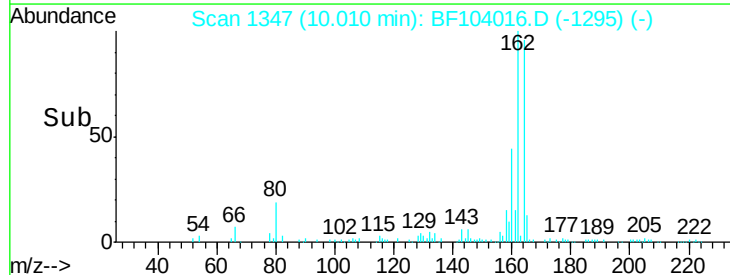
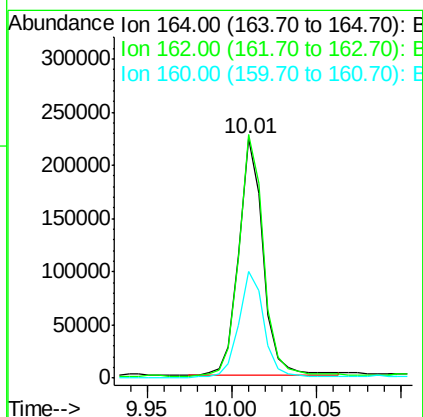
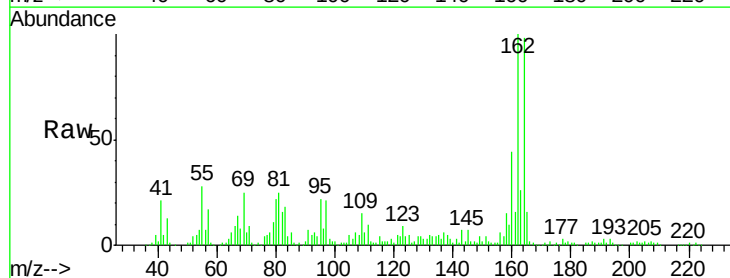
Instrument :
 BNA_F
 ClientSampleId :

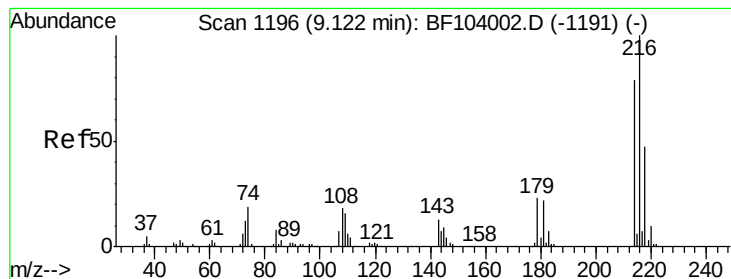
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.8	106.2
115	33.2	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	44.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.397 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 346733

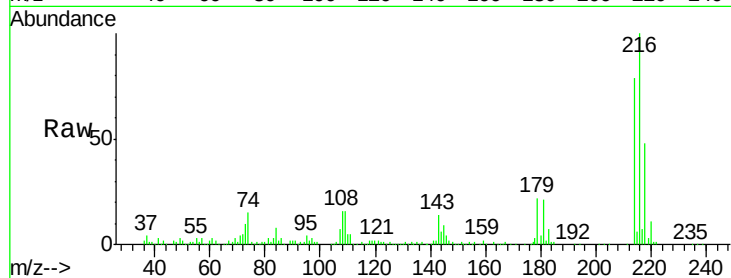
Ion Ratio Lower Upper

216 100

214 79.3 63.0 94.4

179 21.4 18.1 27.1

108 19.1 17.2 25.8

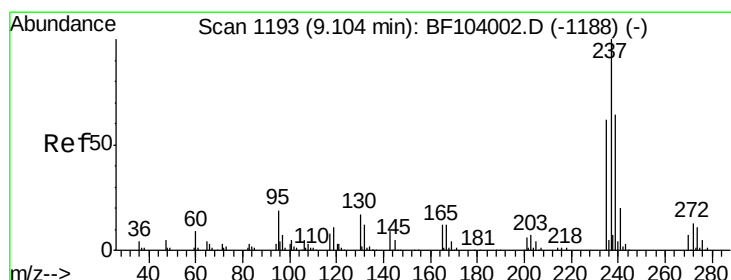
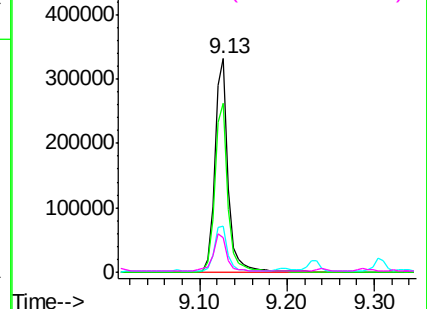
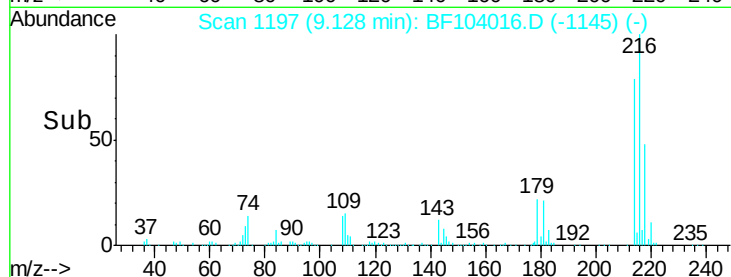


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.980 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

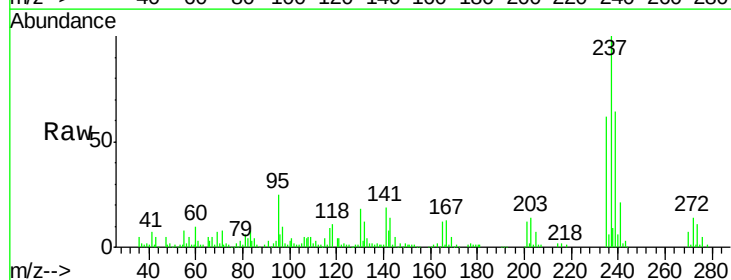
Tgt Ion:237 Resp: 113170

Ion Ratio Lower Upper

237 100

235 62.2 44.8 84.8

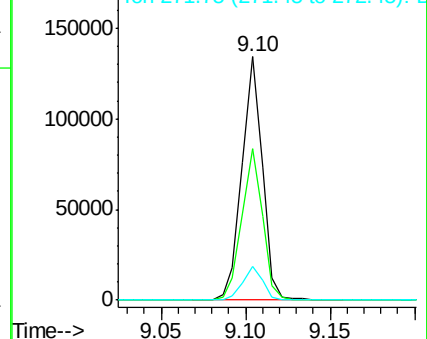
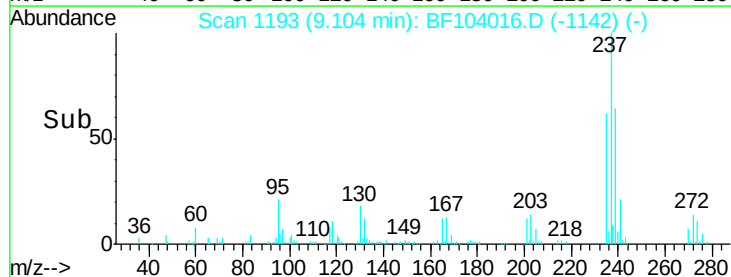
272 13.7 0.0 33.3

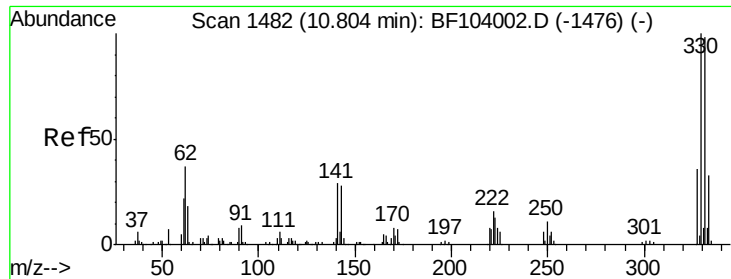


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

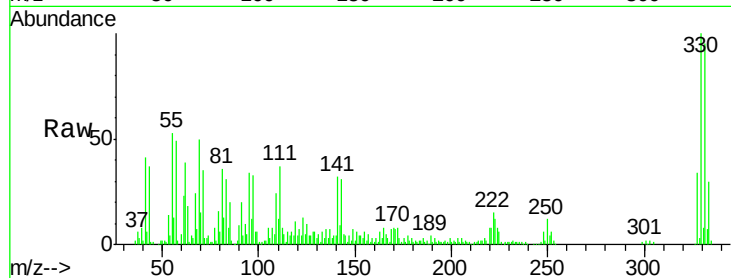




#41
 2,4,6-Tribromophenol
 Concen: 99.347 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	332	141
Resp	248190		
Ratio	100	97.1	30.6
Lower		77.0	29.9
Upper		115.6	44.9

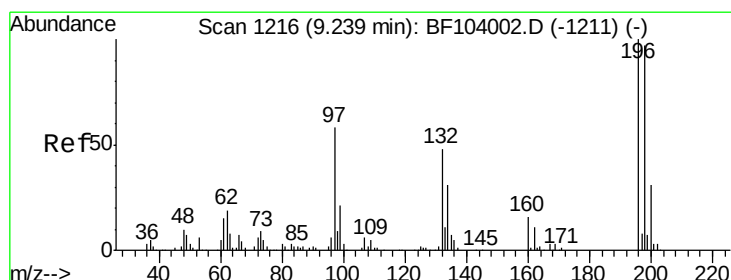
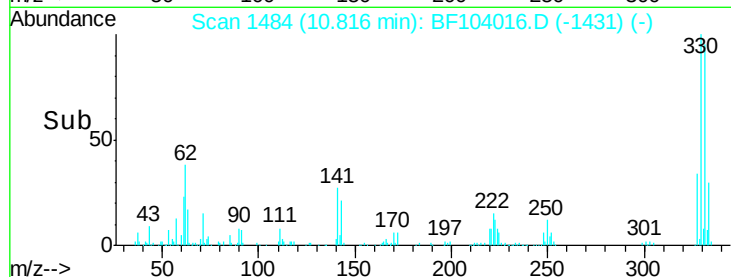
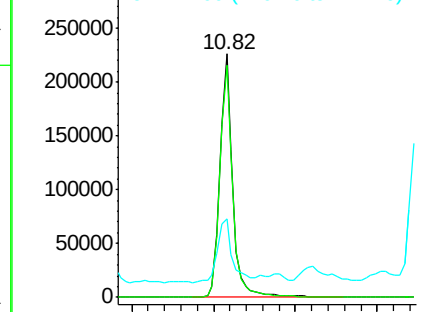


Abundance

Ion 329.80 (329.50 to 330.50): E

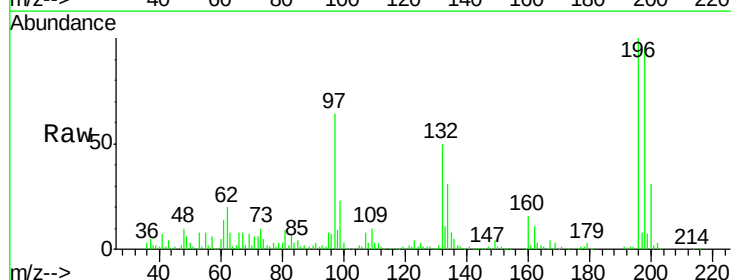
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 53.061 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion	196	198	200
Resp	231162		
Ratio	100	96.1	30.9
Lower		75.7	24.5
Upper		113.5	36.7

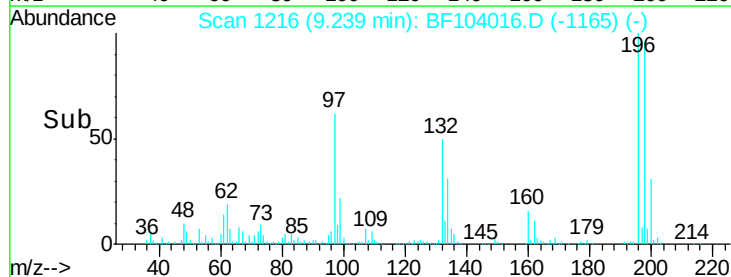
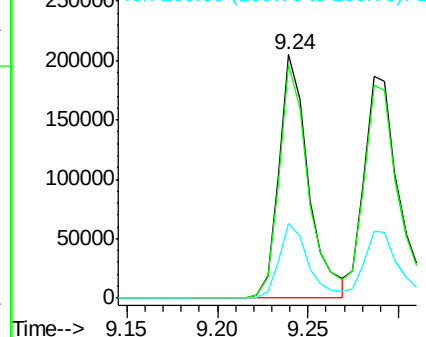


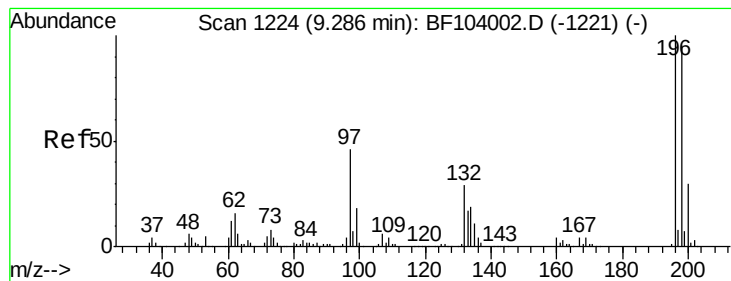
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 49.288 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 259261

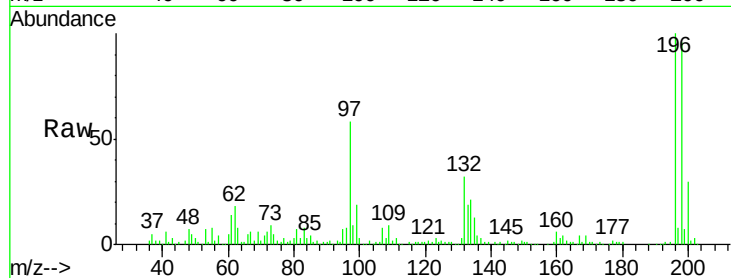
Ion Ratio Lower Upper

196 100

198 96.0 74.6 112.0

97 57.7 42.9 64.3

132 32.2 26.3 39.5

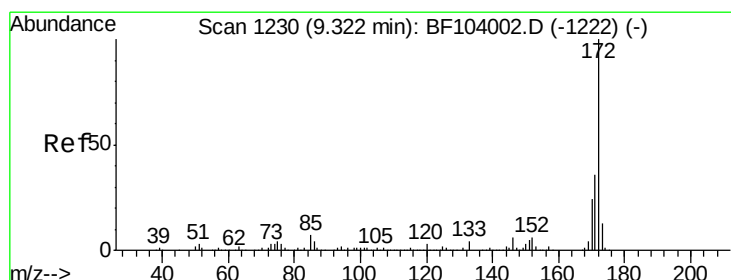
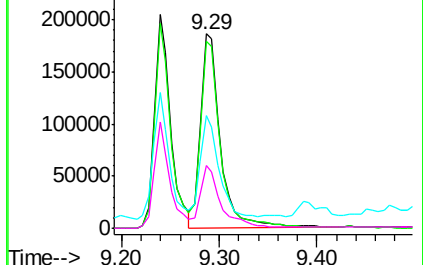
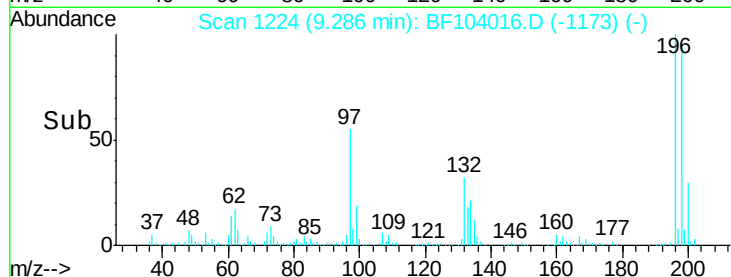


Abundance Ion 196.00 (195.70 to 196.70): E

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: 91.886 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

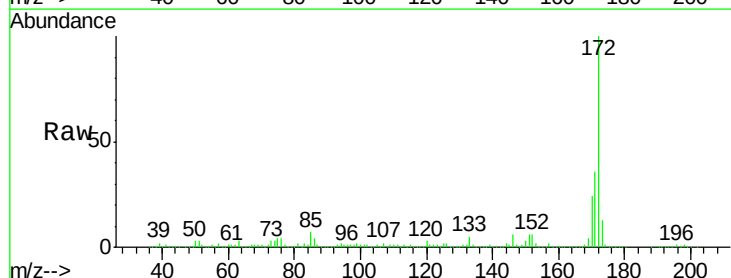
Tgt Ion:172 Resp: 1307311

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

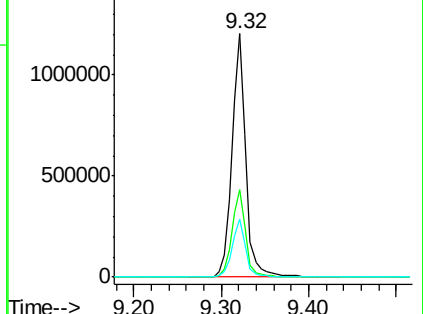
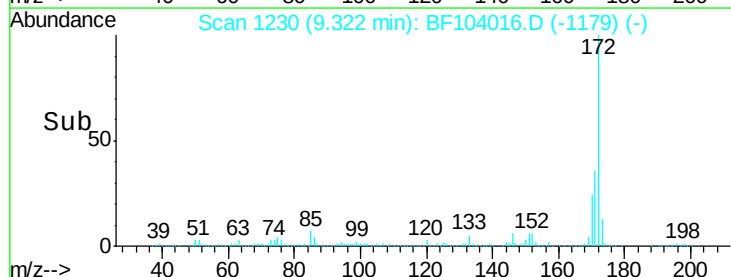
170 23.9 19.6 29.4

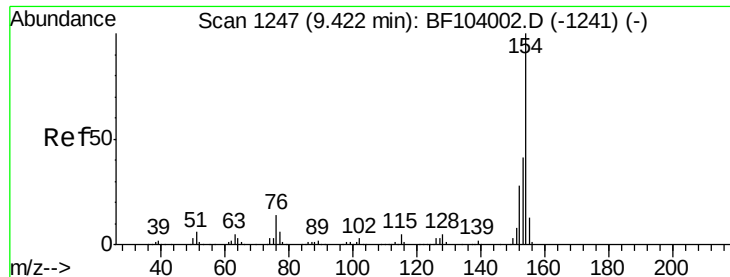


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 46.804 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampled :

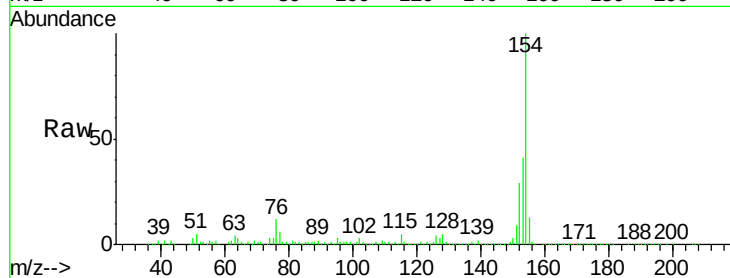
Tot Ion:154 Resp: 901254

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

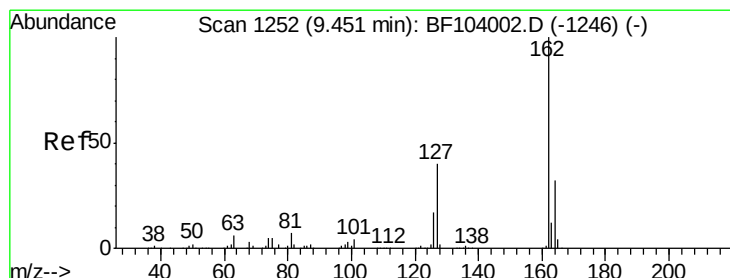
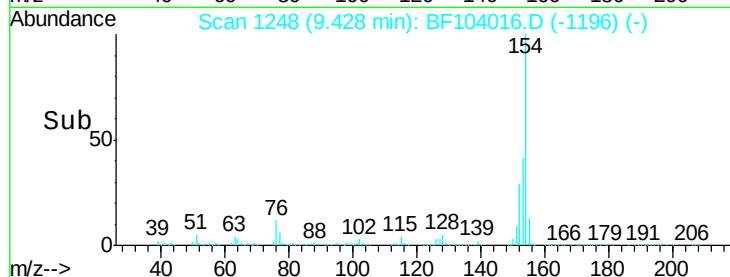
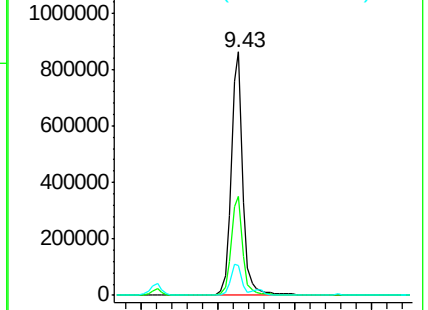
76 12.2 0.0 34.0



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: 47.298 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

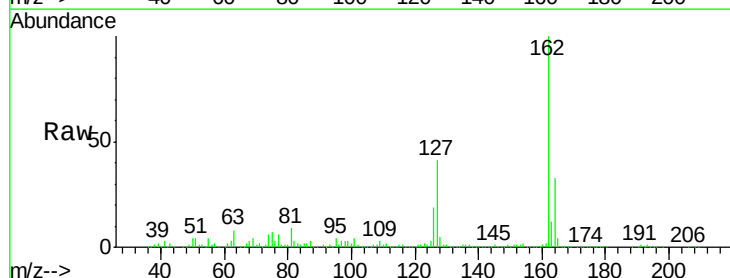
Tgt Ion:162 Resp: 718419

Ion Ratio Lower Upper

162 100

127 41.3 33.9 50.9

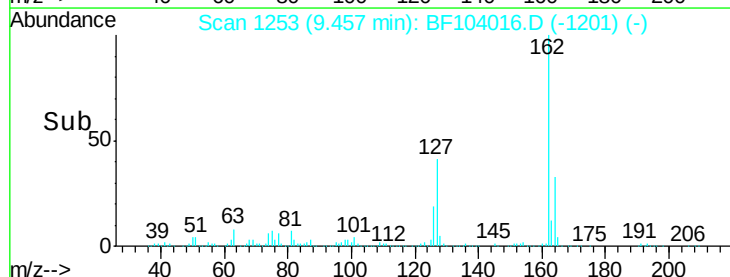
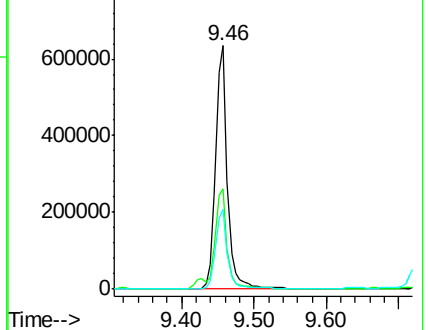
164 32.7 26.5 39.7

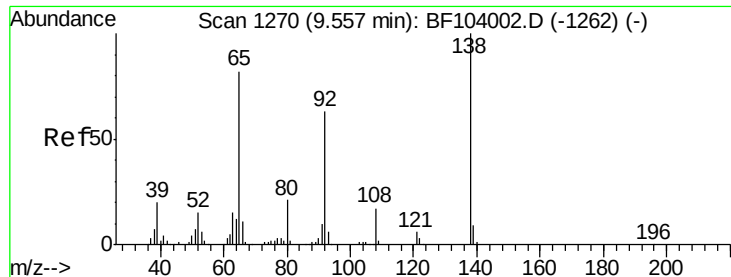


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.367 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

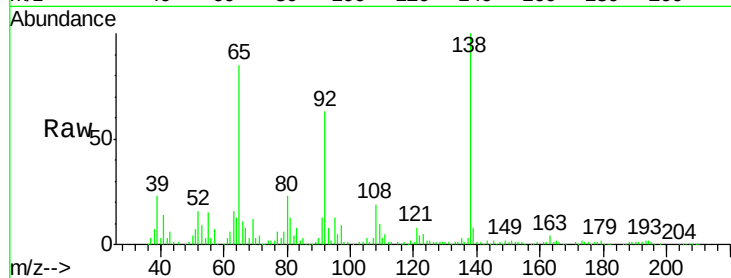
Tot Ion: 65 Resp: 218151

Ion Ratio Lower Upper

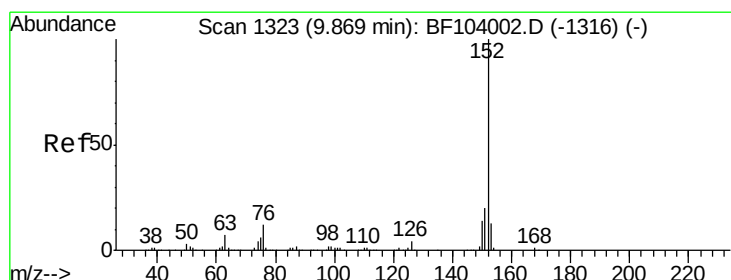
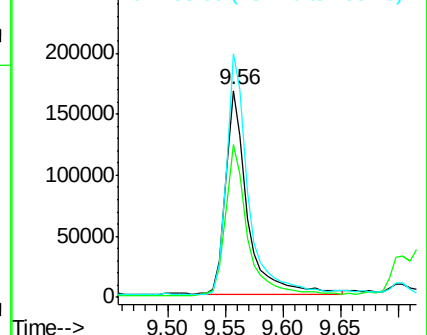
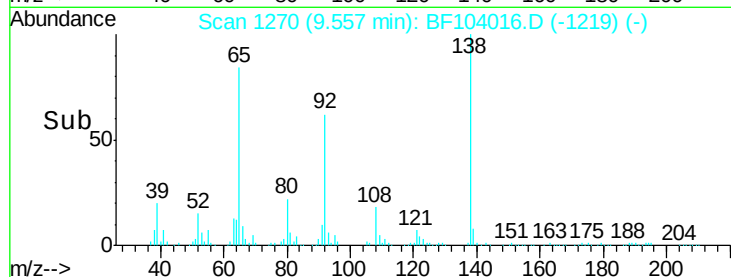
65 100

92 73.7 55.8 83.6

138 117.7 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: 41.915 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

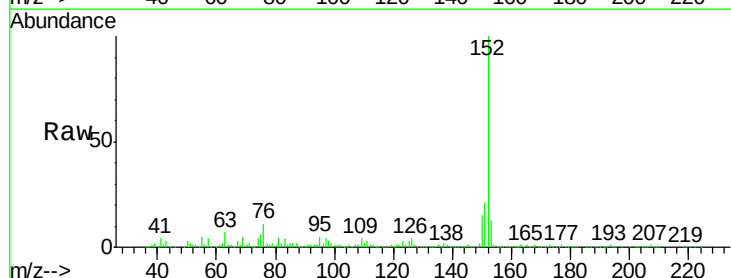
Tgt Ion: 152 Resp: 964510

Ion Ratio Lower Upper

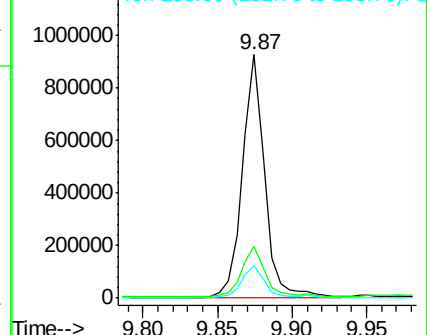
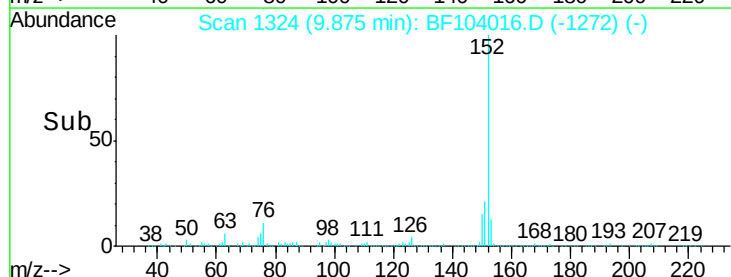
152 100

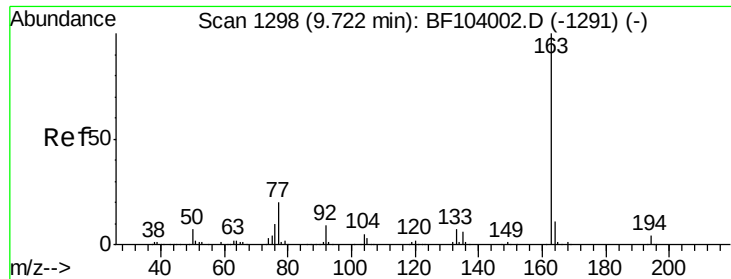
151 21.4 16.3 24.5

153 13.4 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

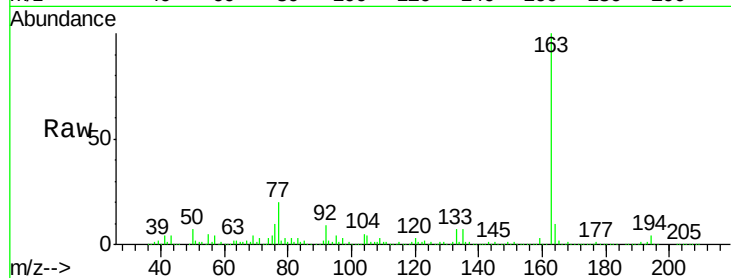




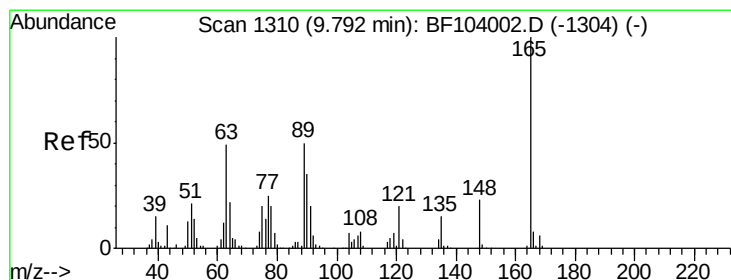
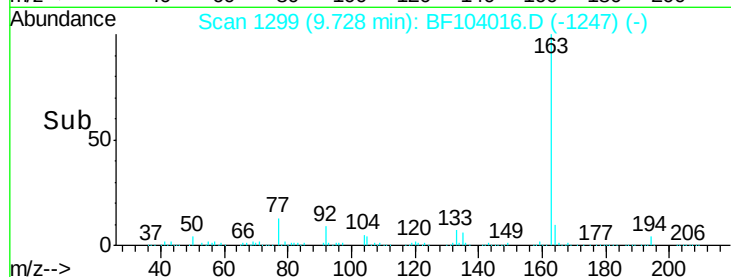
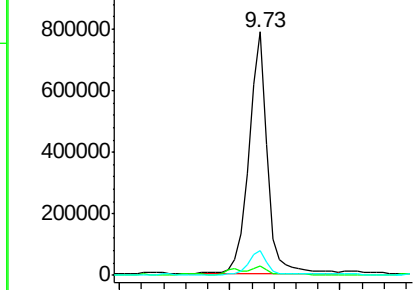
#49
Dimethylphthalate
Concen: 52.504 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 930036
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.3 8.2 12.2

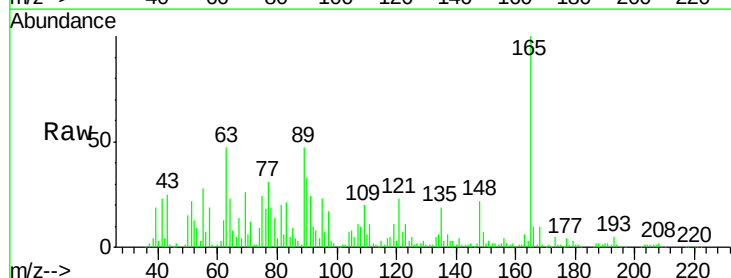


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

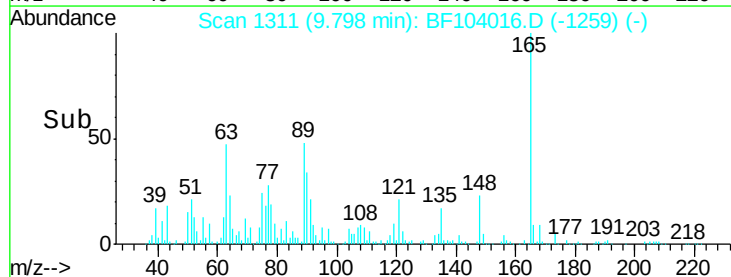
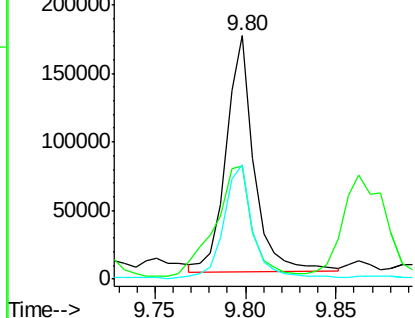


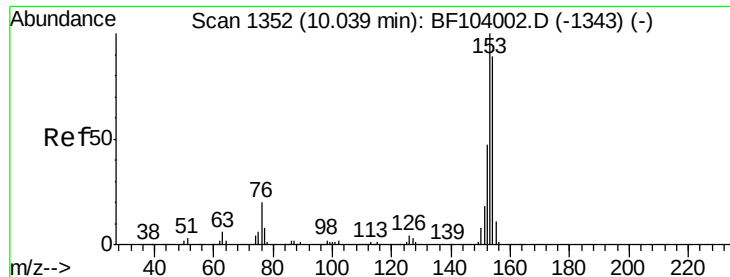
#50
2,6-Dinitrotoluene
Concen: 48.635 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion:165 Resp: 185345
Ion Ratio Lower Upper
165 100
63 46.7 44.7 67.1
89 46.8 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: 40.532 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

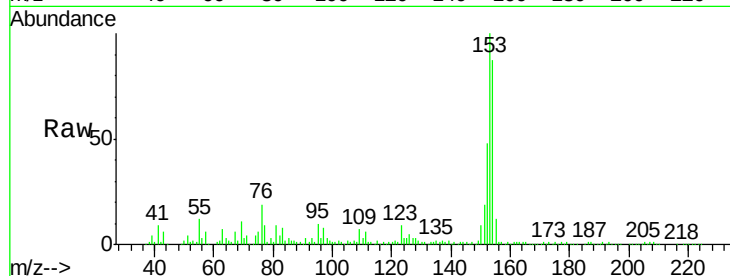
Tot Ion:154 Resp: 539556

Ion Ratio Lower Upper

154 100

153 115.1 91.2 136.8

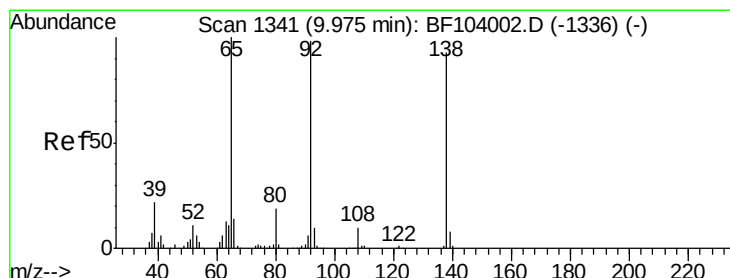
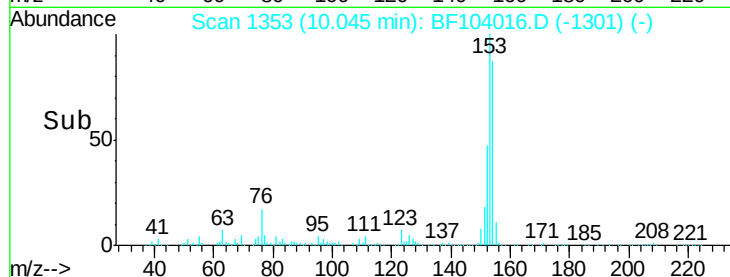
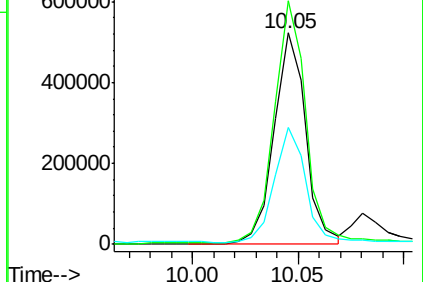
152 55.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.756 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

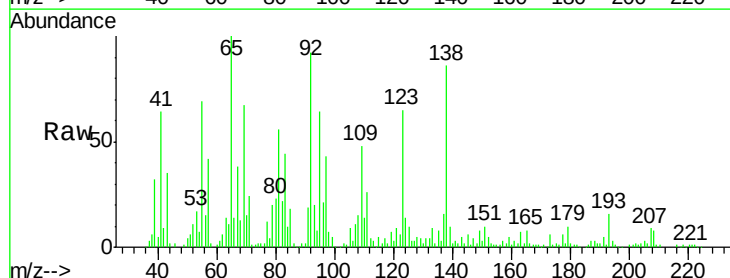
Tgt Ion:138 Resp: 143498

Ion Ratio Lower Upper

138 100

108 16.9 9.4 14.0#

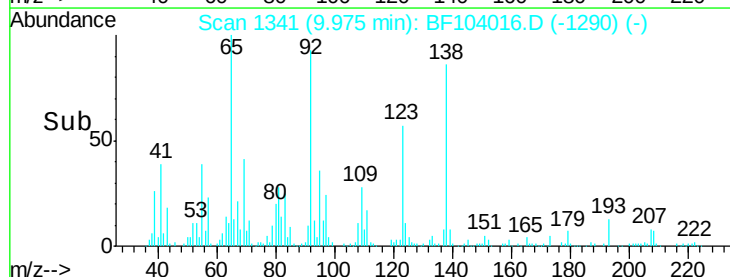
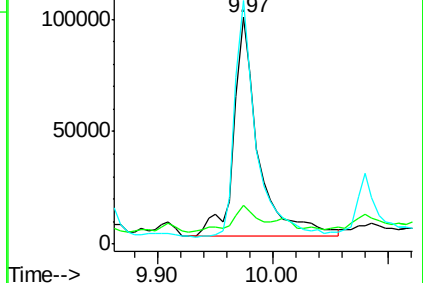
92 107.3 89.4 134.2

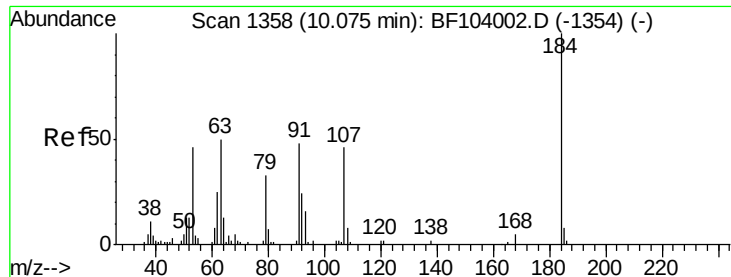


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 79.355 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampled :

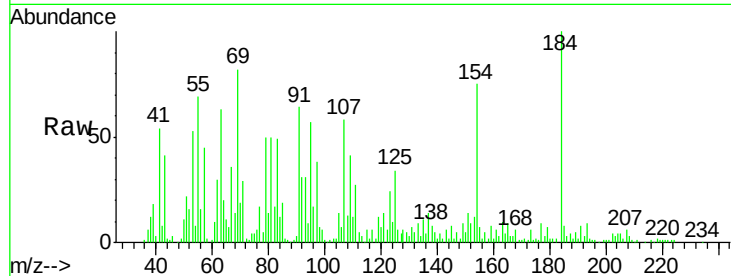
Tot Ion:184 Resp: 131945

Ion Ratio Lower Upper

184 100

63 63.4 54.2 81.2

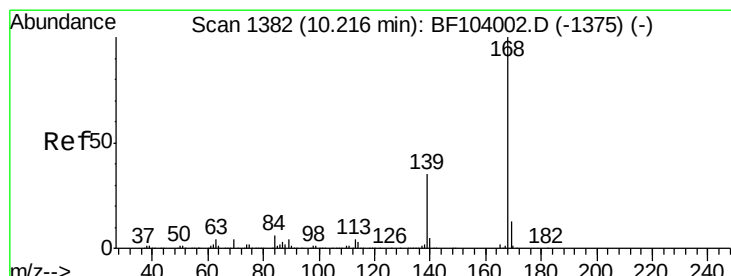
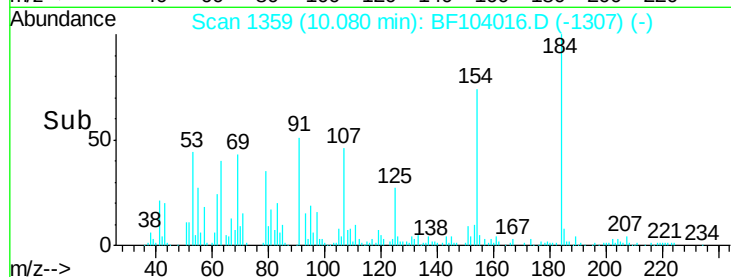
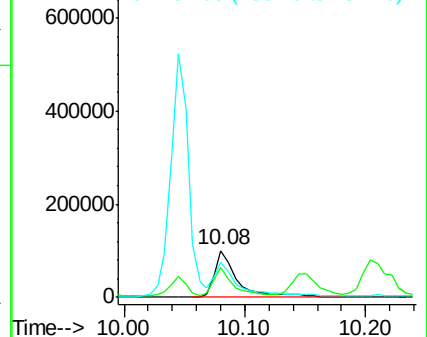
154 75.2 184.0 276.0#



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: 41.620 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

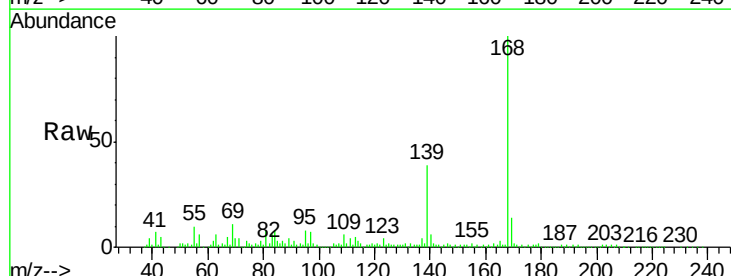
Tgt Ion:168 Resp: 809063

Ion Ratio Lower Upper

168 100

139 39.4 30.1 45.1

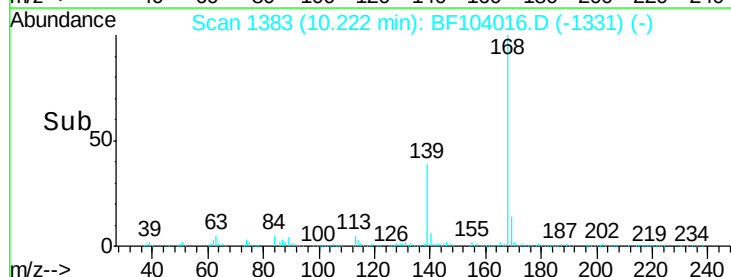
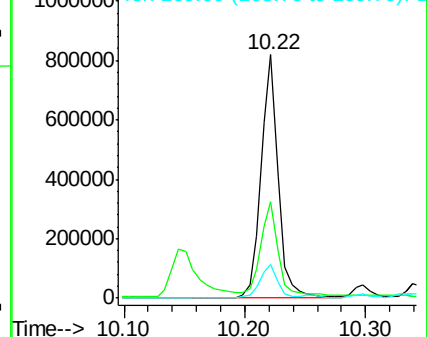
169 13.7 10.9 16.3

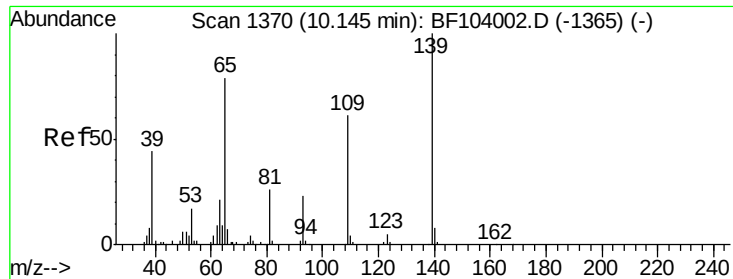


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

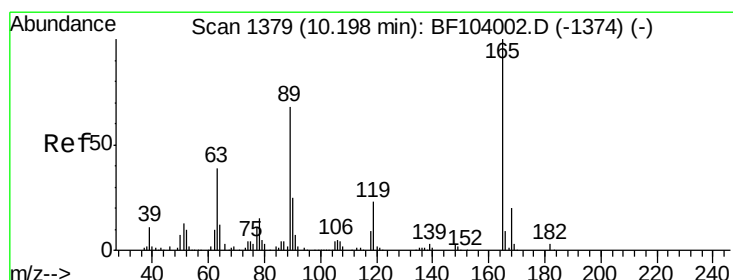
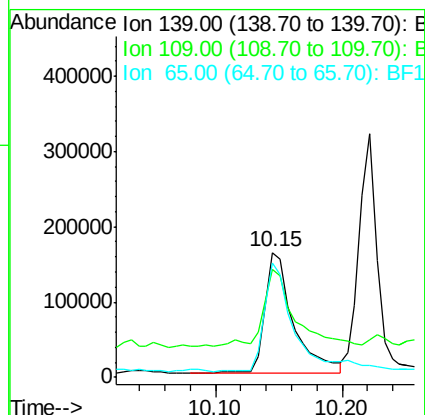
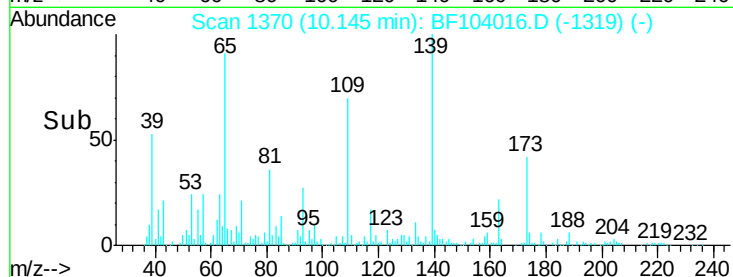
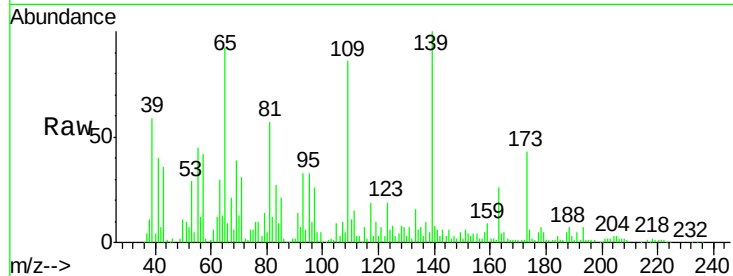




#55
4-Nitrophenol
Concen: 97.330 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

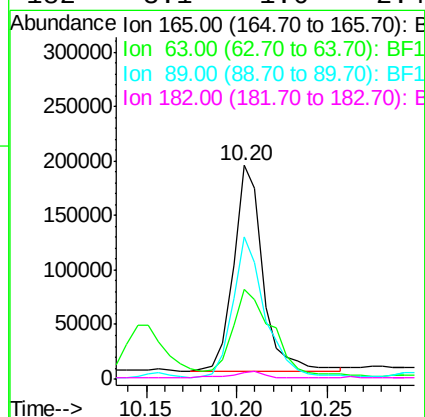
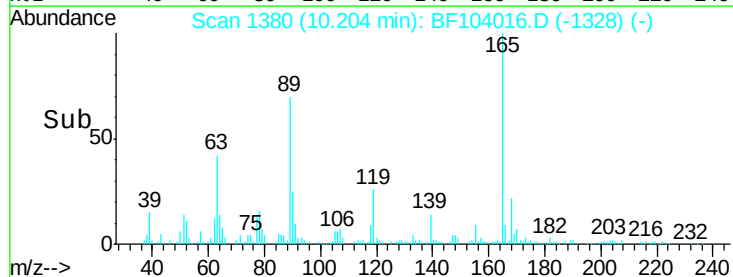
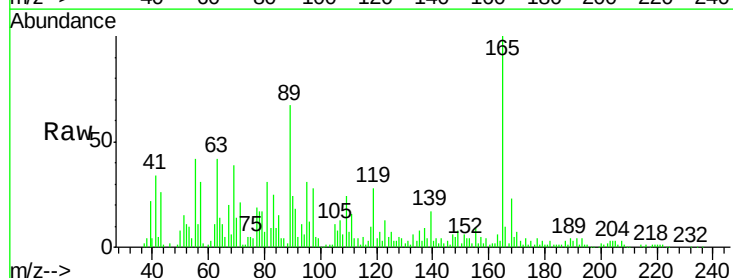
Instrument :
BNA_F
ClientSampled :

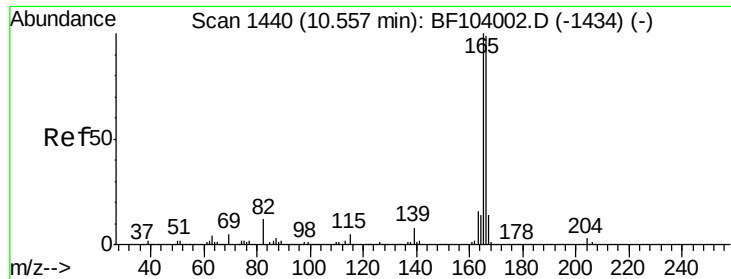
Tot Ion:139 Resp: 255662
Ion Ratio Lower Upper
139 100
109 85.9 48.4 88.4
65 91.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.715 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion:165 Resp: 212581
Ion Ratio Lower Upper
165 100
63 41.7 36.4 54.6
89 66.8 57.8 86.6
182 3.1 1.6 2.4#





#57

Fluorene

Concen: 36.048 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

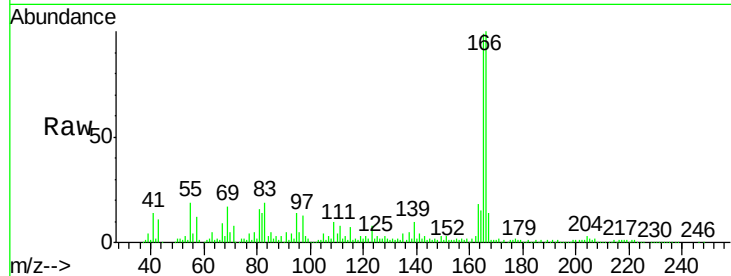
Tot Ion:166 Resp: 578039

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

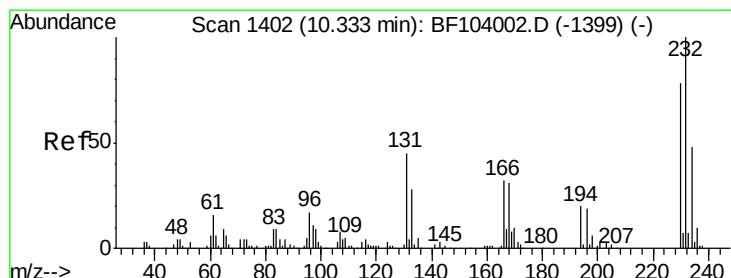
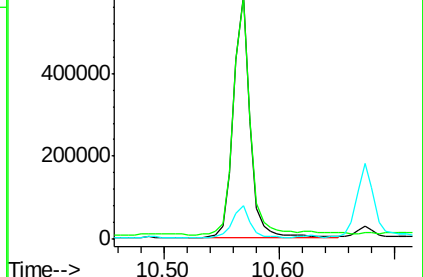
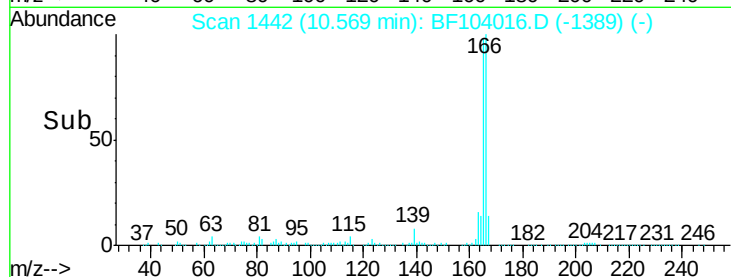
167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.195 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Tgt Ion:232 Resp: 162349

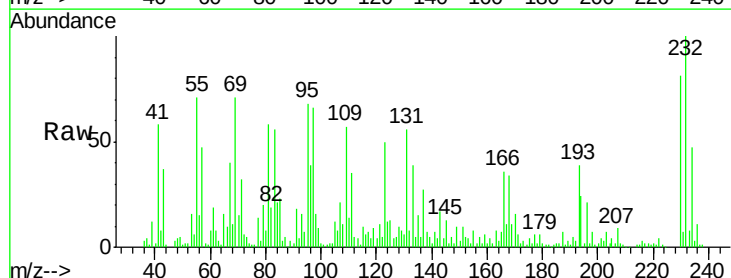
Ion Ratio Lower Upper

232 100

131 43.4 43.8 65.8#

130 4.0 2.1 3.1#

166 32.1 27.8 41.6

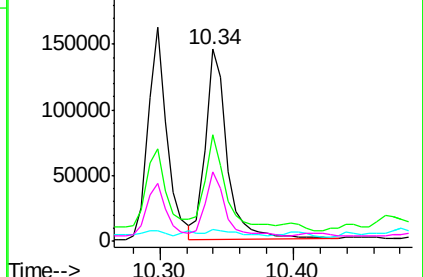
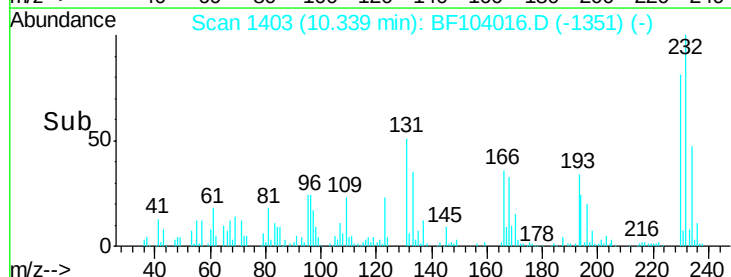


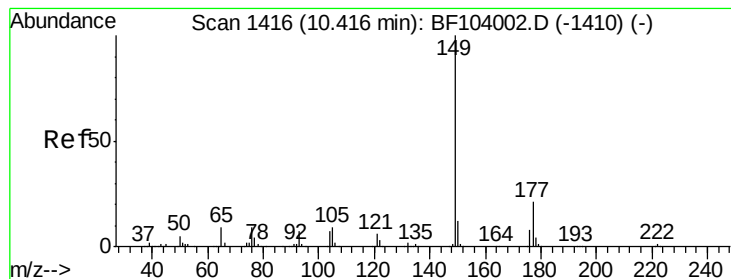
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.931 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampled :

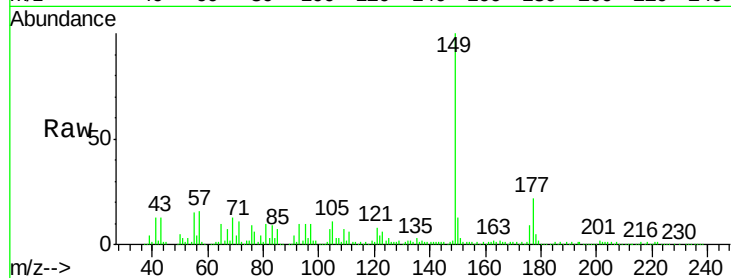
Tot Ion:149 Resp: 660649

Ion Ratio Lower Upper

149 100

177 21.8 16.1 24.1

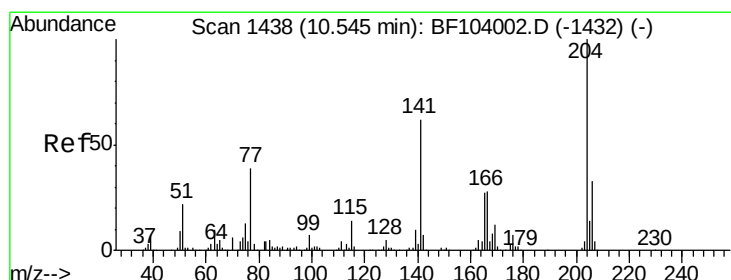
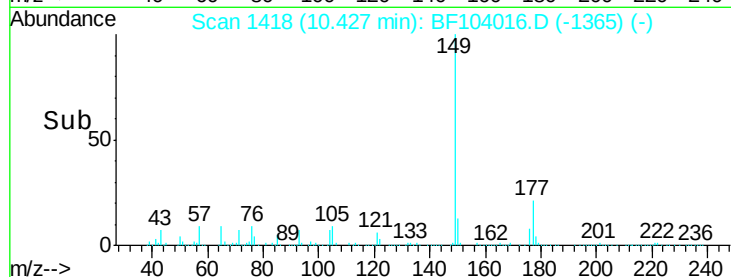
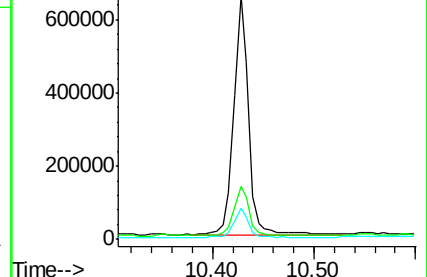
150 13.0 10.1 15.1



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: 37.060 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

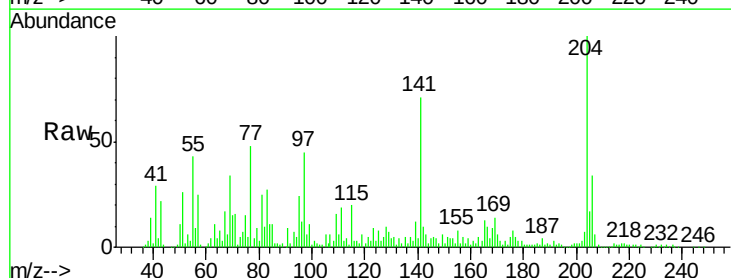
Tgt Ion:204 Resp: 272943

Ion Ratio Lower Upper

204 100

206 33.6 26.5 39.7

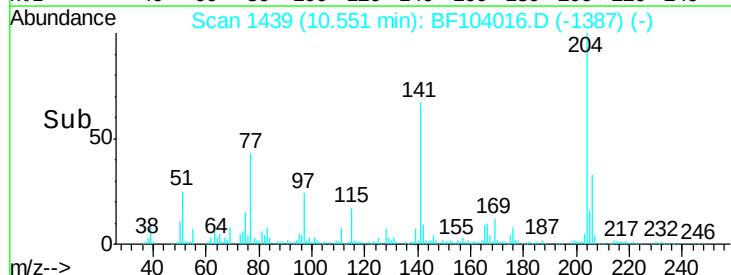
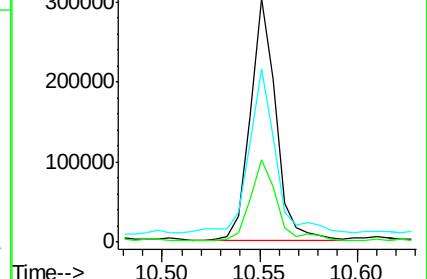
141 70.9 54.6 81.8

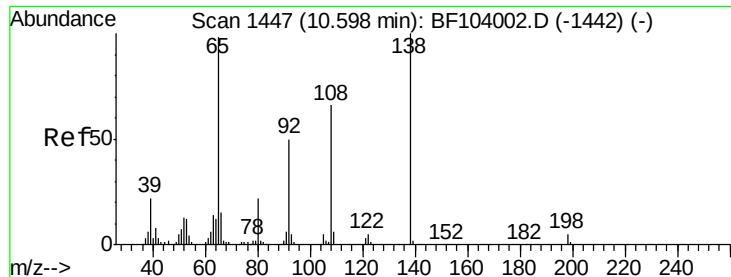


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

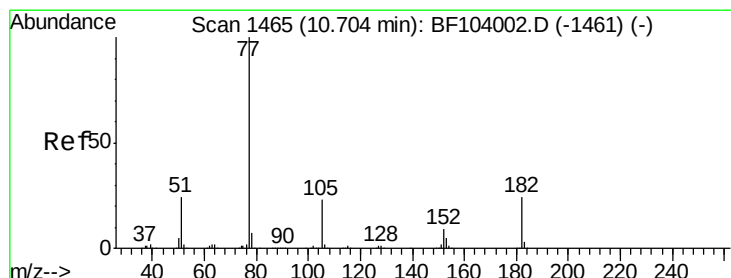
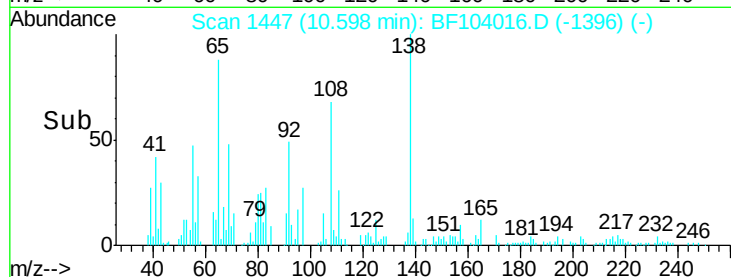
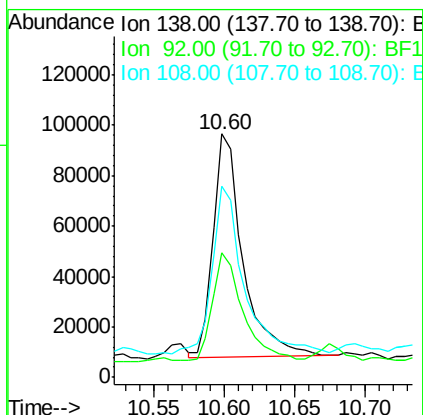
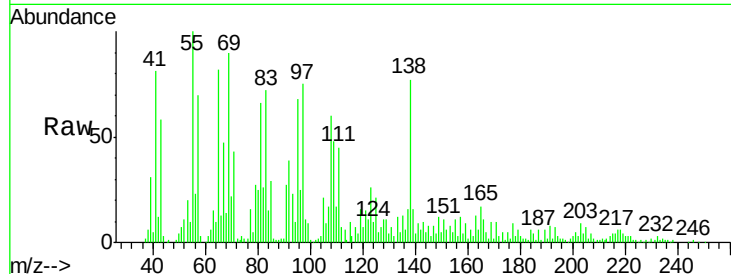




#61
4-Nitroaniline
Concen: 31.751 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

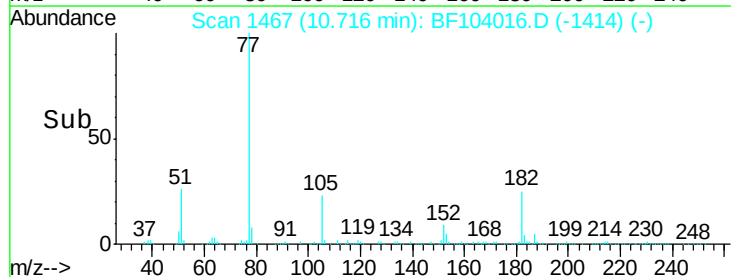
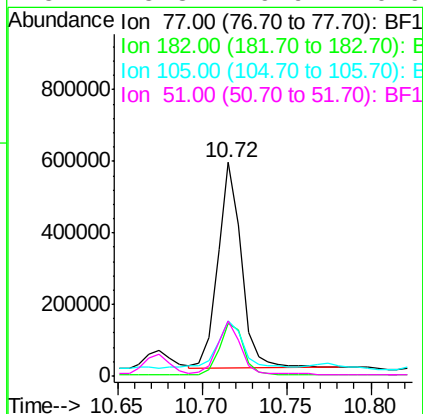
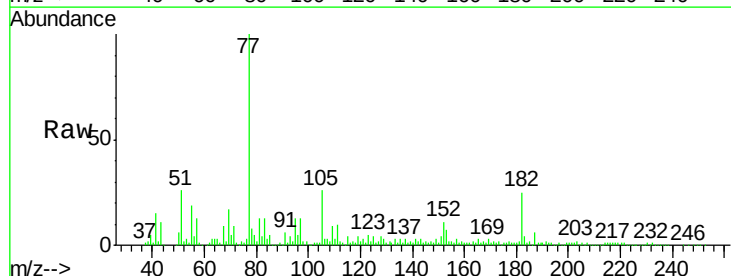
Instrument :
BNA_F
ClientSampleId :

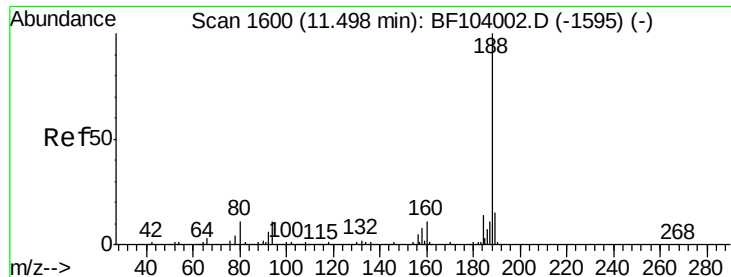
Tot Ion:138 Resp: 130151
Ion Ratio Lower Upper
138 100
92 51.0 30.2 70.2
108 78.4 52.5 92.5



#62
Azobenzene
Concen: 36.328 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion: 77 Resp: 557439
Ion Ratio Lower Upper
77 100
182 24.7 1.7 41.7
105 25.8 3.0 43.0
51 25.8 9.9 49.9

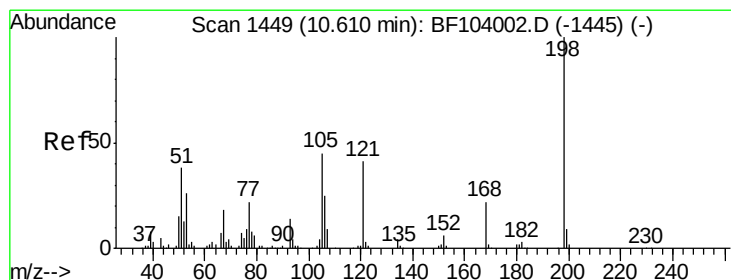
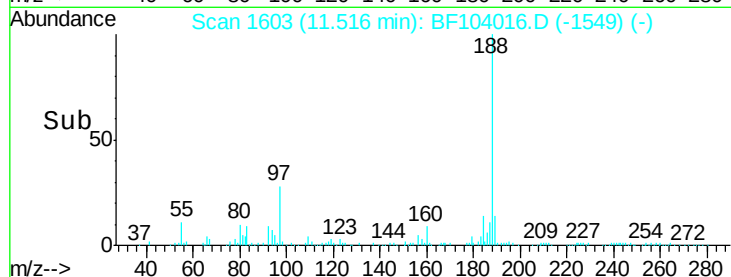
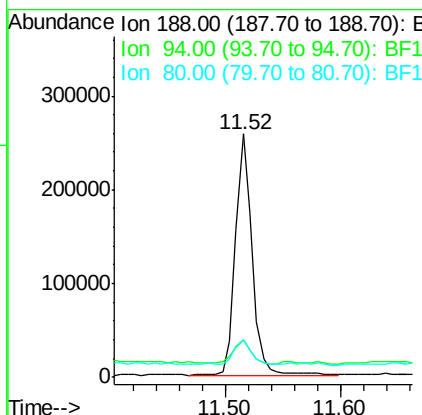
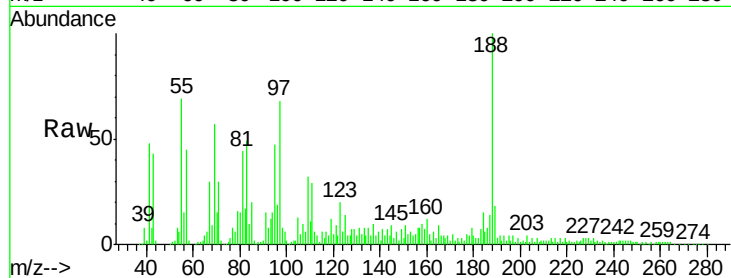




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.02 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

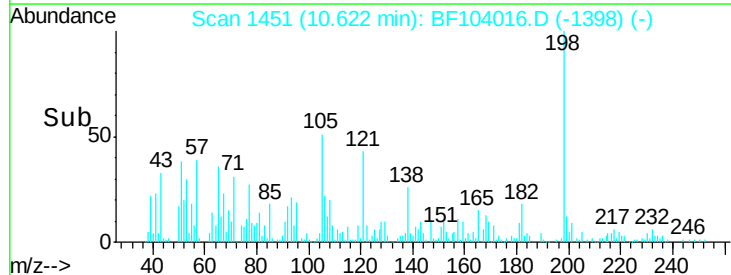
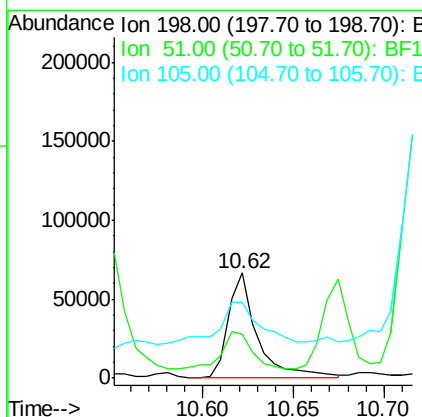
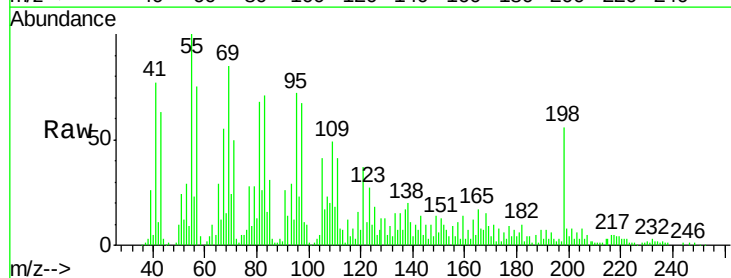
Instrument :
BNA_F
ClientSampleId :

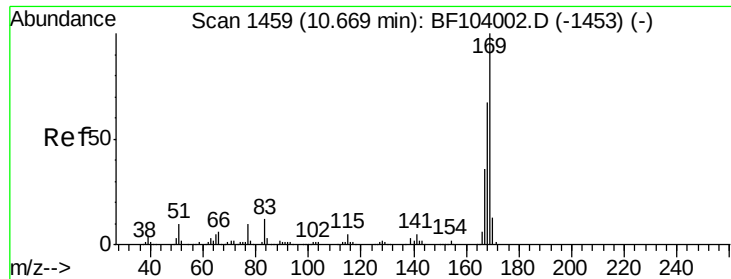
Tot Ion:188 Resp: 257045
Ion Ratio Lower Upper
188 100
94 15.2 8.5 12.7#
80 15.3 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 46.499 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion:198 Resp: 72351
Ion Ratio Lower Upper
198 100
51 42.0 37.7 77.7
105 72.4 36.3 76.3

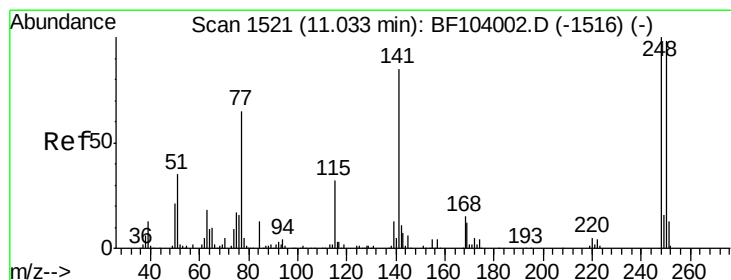
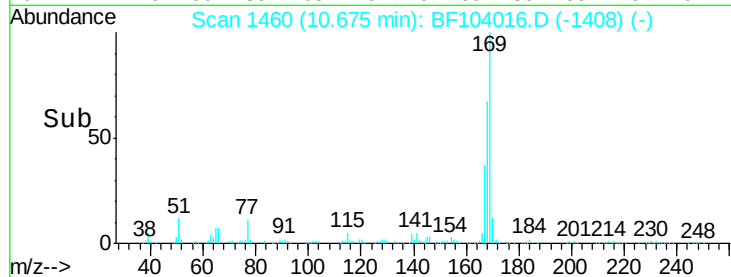
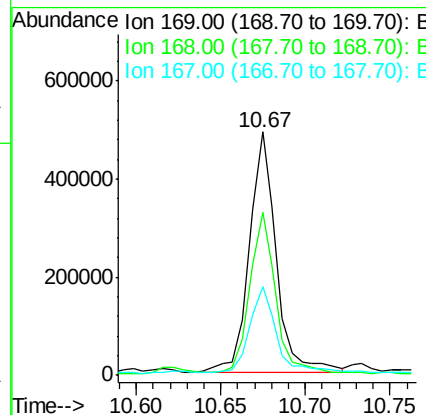
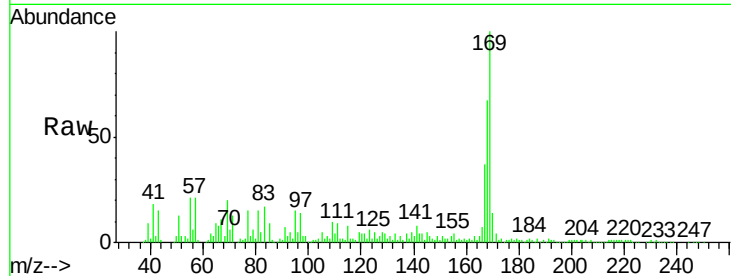




#65
 n-Nitrosodiphenylamine
 Concen: 63.304 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

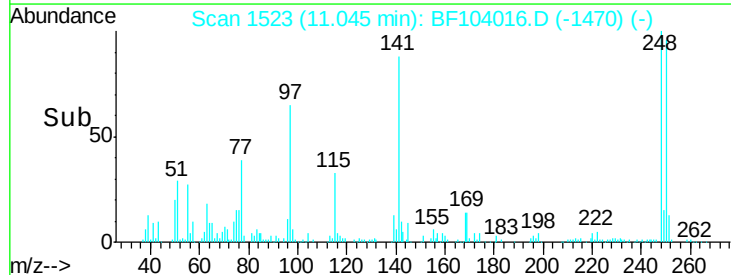
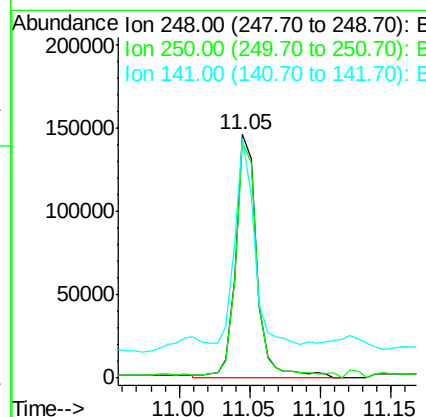
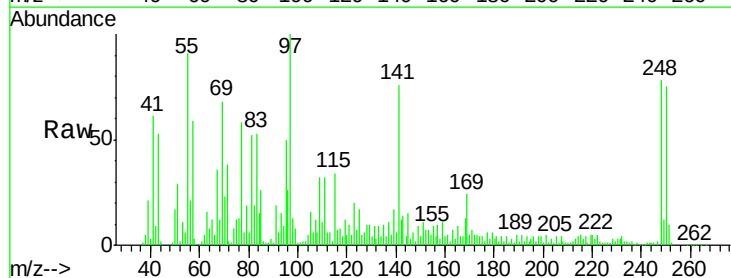
Instrument :
 BNA_F
 ClientSampleId :

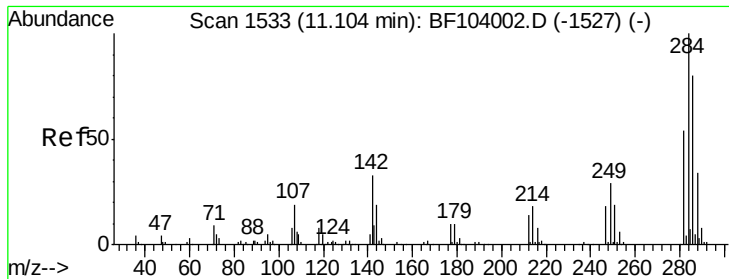
Tot Ion:169 Resp: 551075
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.4 81.6
 167 36.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 56.364 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion:248 Resp: 155002
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.9 115.3
 141 98.2 74.4 111.6





#67

Hexachlorobenzene

Concen: 50.297 ng

RT: 11.12 min Scan# 1536

Delta R.T. 0.02 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

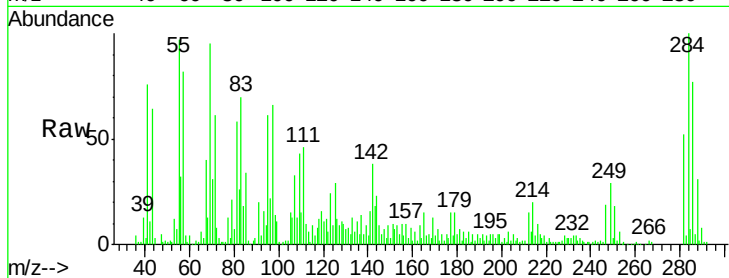
Tot Ion:284 Resp: 159109

Ion Ratio Lower Upper

284 100

142 37.5 34.6 52.0

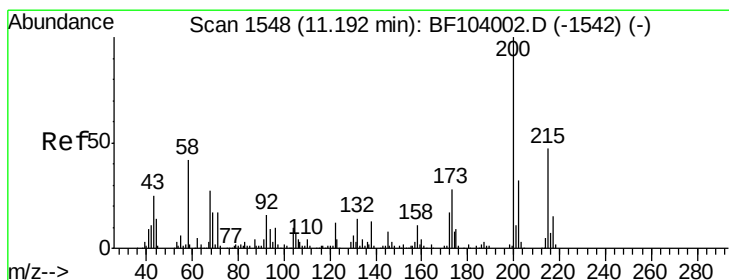
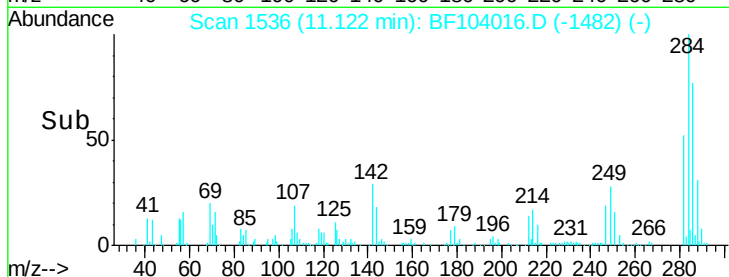
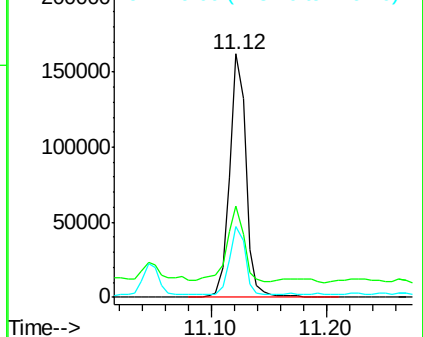
249 29.2 24.8 37.2



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: 55.635 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

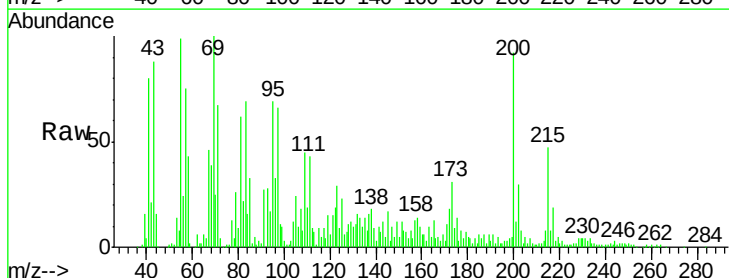
Tgt Ion:200 Resp: 148375

Ion Ratio Lower Upper

200 100

173 34.2 8.6 48.6

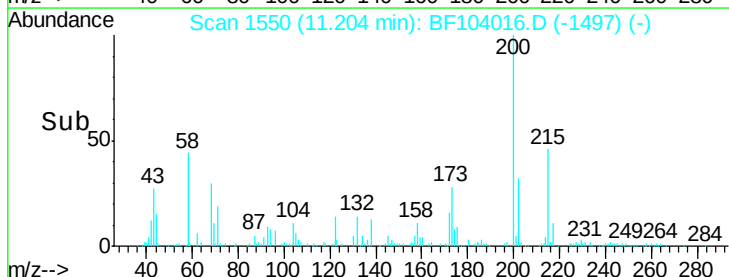
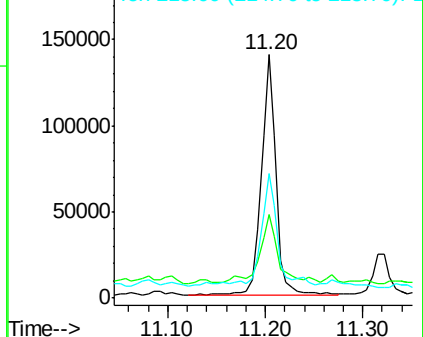
215 51.1 25.1 65.1

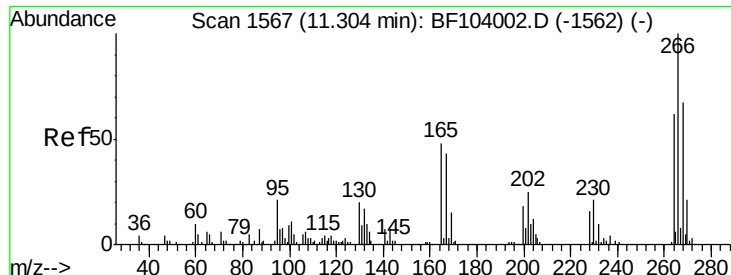


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

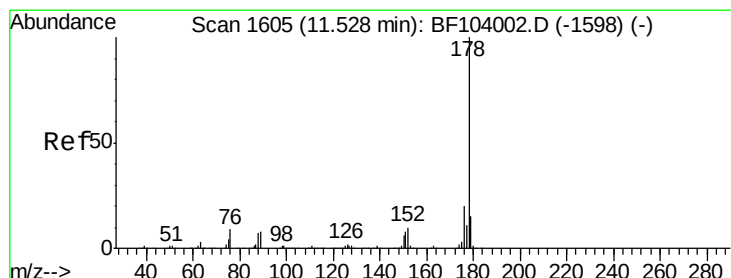
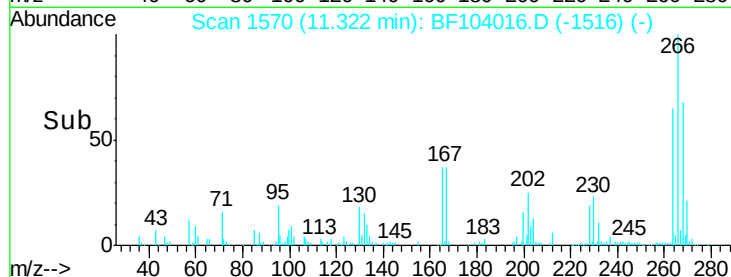
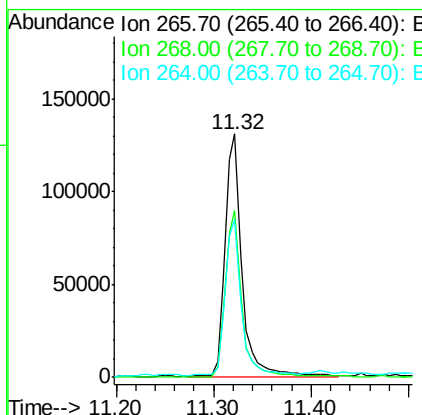
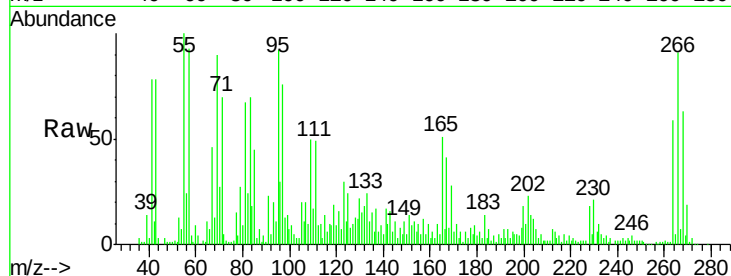




#69
 Pentachlorophenol
 Concen: 89.636 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.02 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

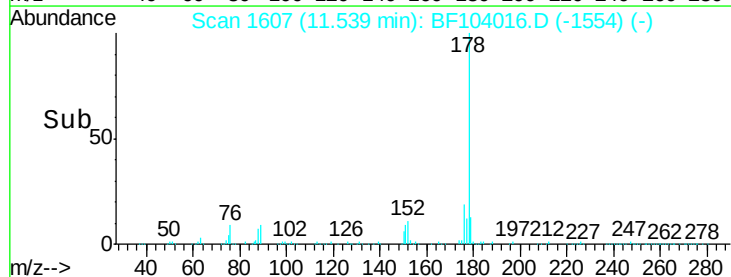
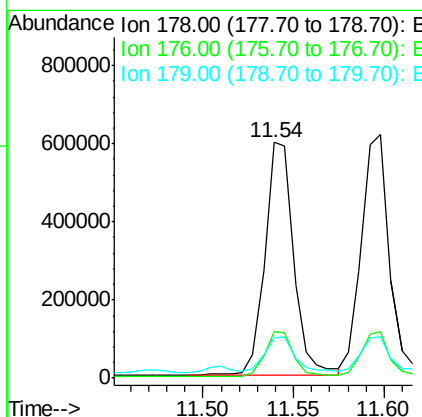
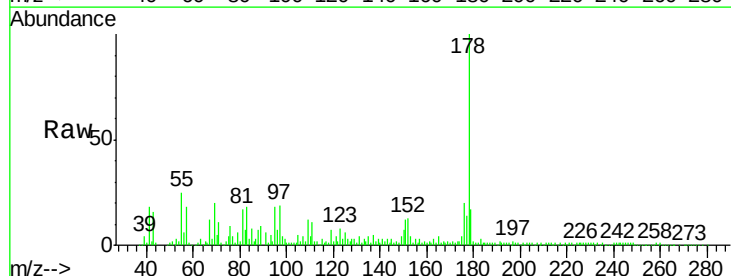
Instrument :
 BNA_F
 ClientSampleId :

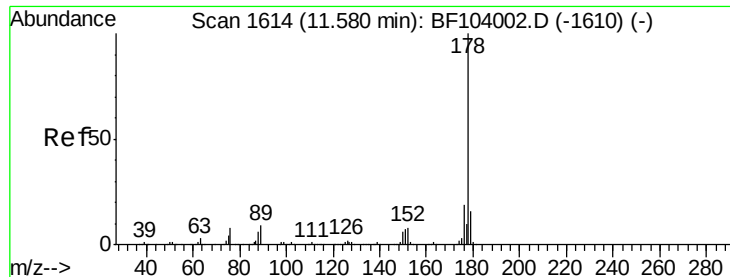
Tot Ion:266 Resp: 156031
 Ion Ratio Lower Upper
 266 100
 268 68.5 51.1 76.7
 264 65.0 49.5 74.3



#70
 Phenanthrene
 Concen: 47.621 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion:178 Resp: 662721
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 17.2 13.0 19.6





#71

Anthracene

Concen: 46.754 ng

RT: 11.60 min Scan# 1617

Delta R.T. 0.02 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

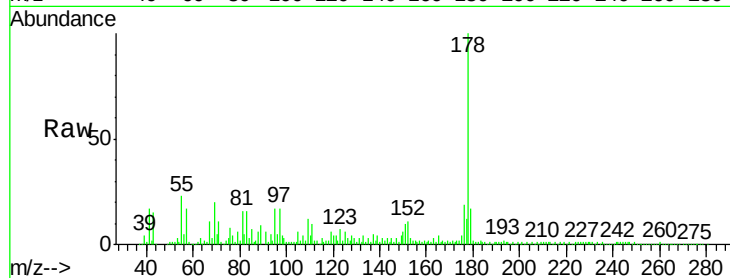
Tot Ion:178 Resp: 679635

Ion Ratio Lower Upper

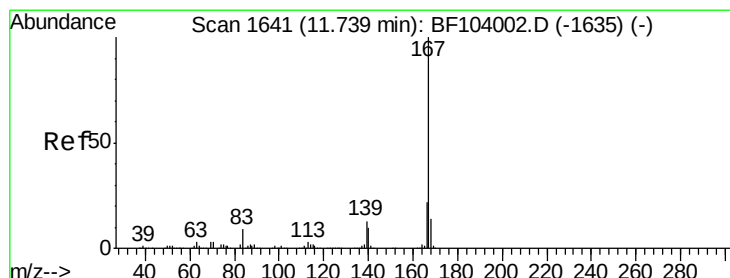
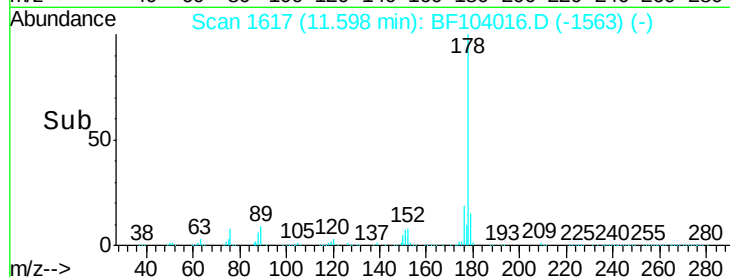
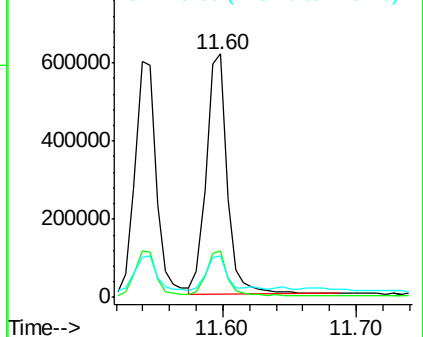
178 100

176 19.0 15.4 23.2

179 17.0 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: 42.352 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

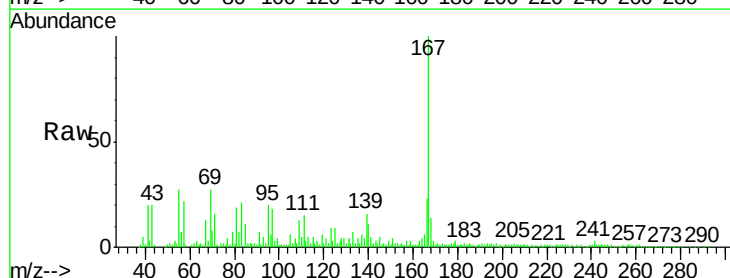
Tgt Ion:167 Resp: 587587

Ion Ratio Lower Upper

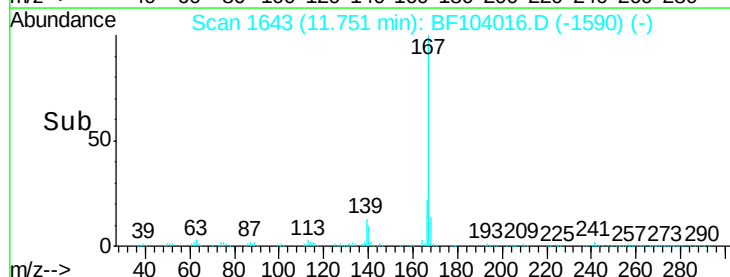
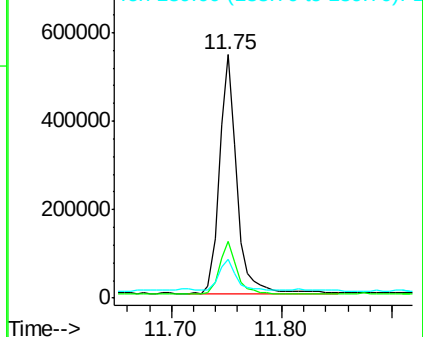
167 100

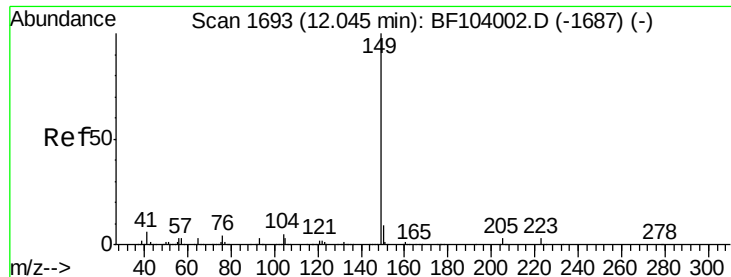
166 23.3 17.6 26.4

139 16.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.091 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

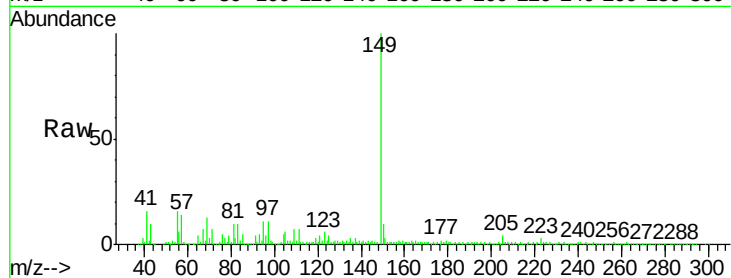
Tot Ion:149 Resp: 794744

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

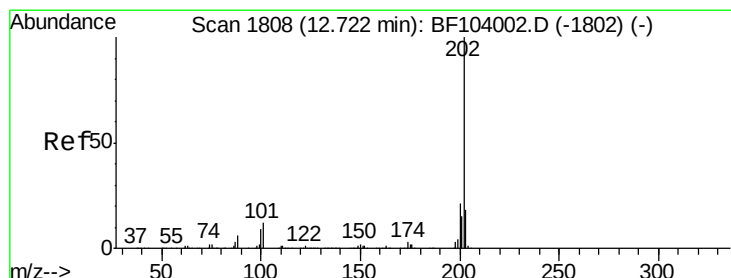
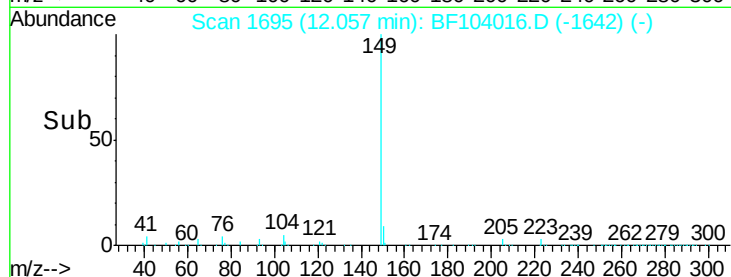
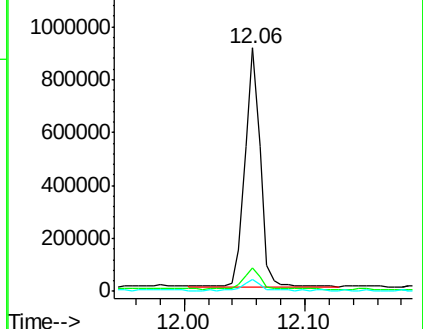
104 5.1 3.8 5.8



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: 45.513 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

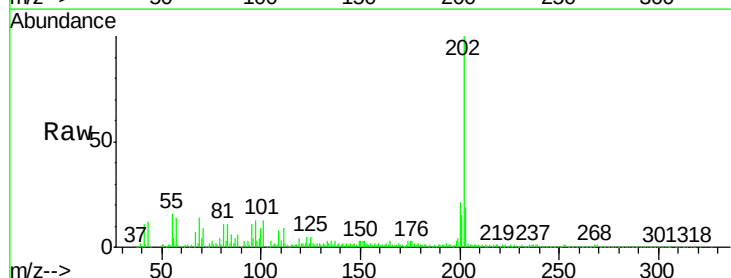
Tgt Ion:202 Resp: 673257

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

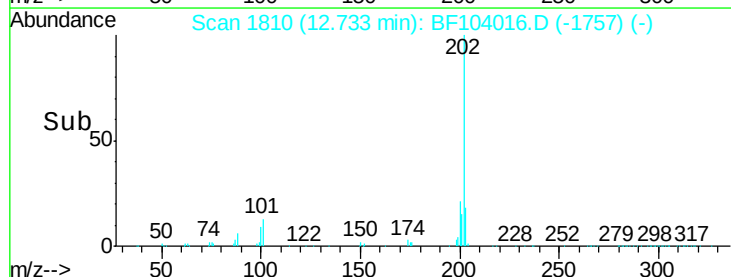
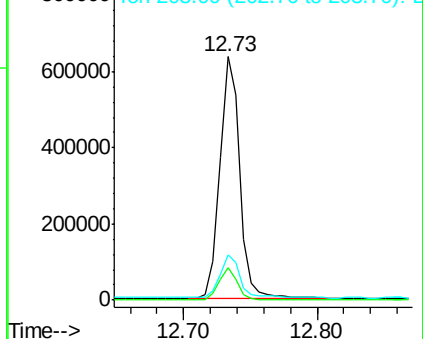
203 18.7 0.0 38.1

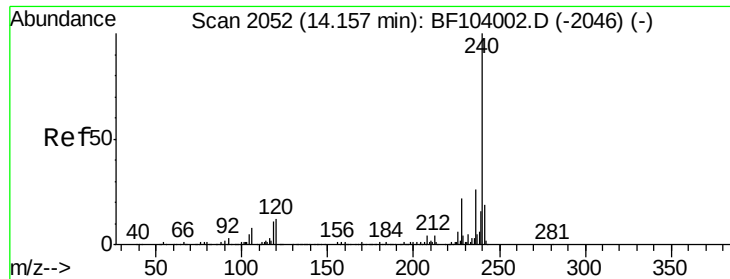


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2053

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

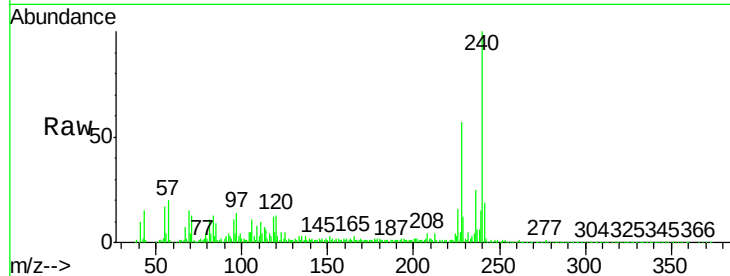
Tot Ion:240 Resp: 226838

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

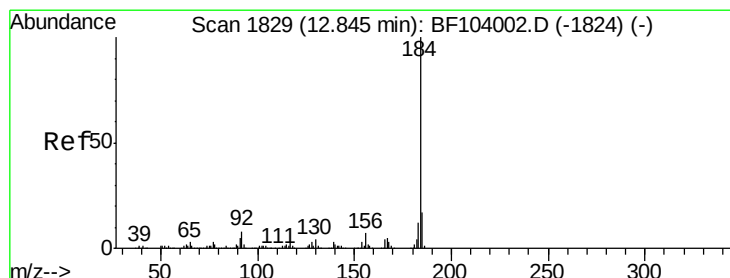
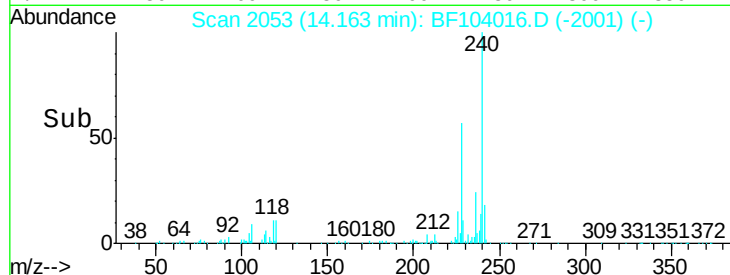
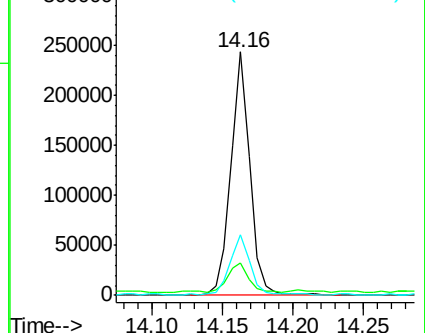
236 24.9 20.7 31.1



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: 16.361 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

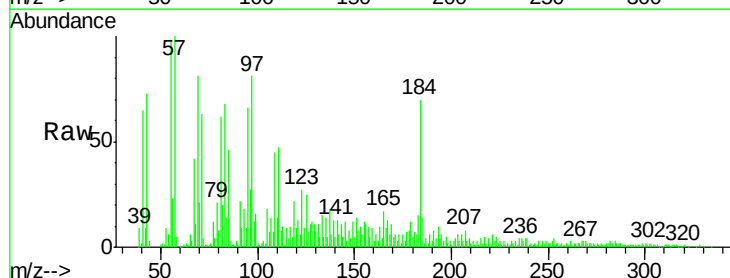
Tgt Ion:184 Resp: 105765

Ion Ratio Lower Upper

184 100

185 20.2 12.6 18.8#

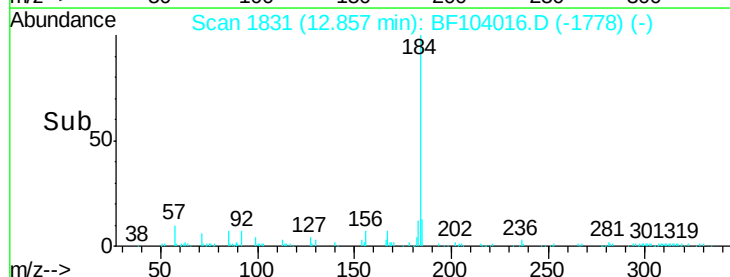
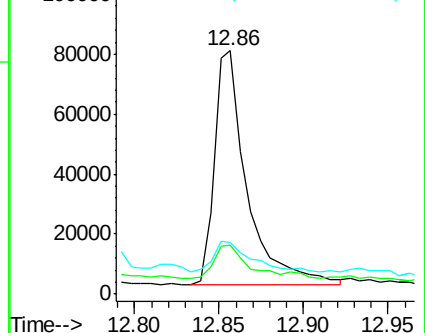
183 21.4 9.3 13.9#

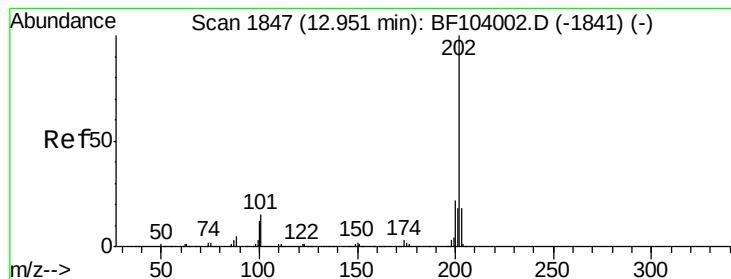


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.151 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.02 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

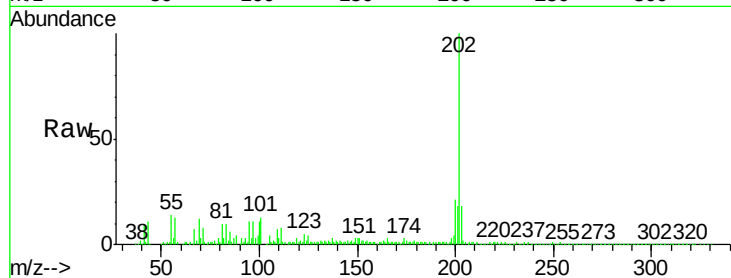
Tot Ion:202 Resp: 687330

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

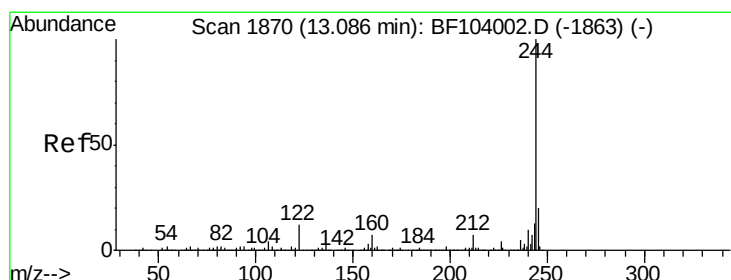
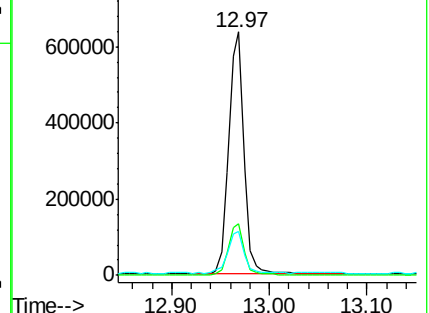
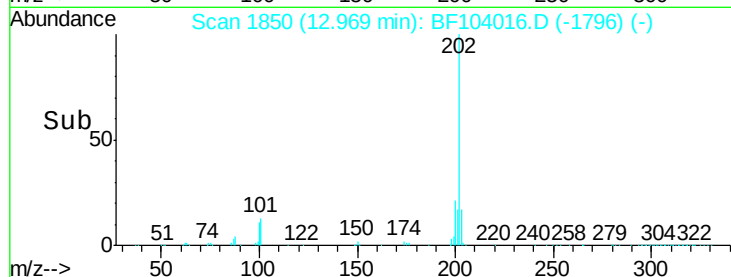
203 18.2 14.3 21.5



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: 85.714 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

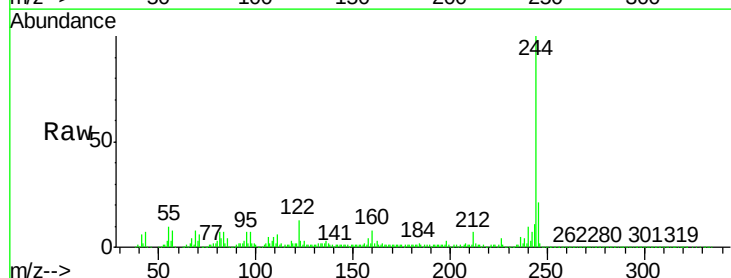
Tgt Ion:244 Resp: 842082

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

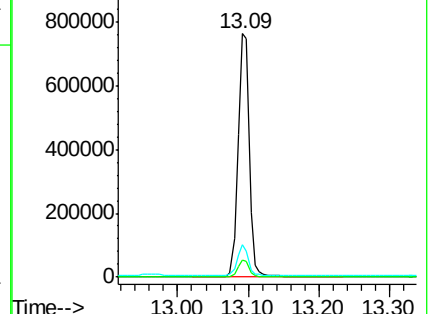
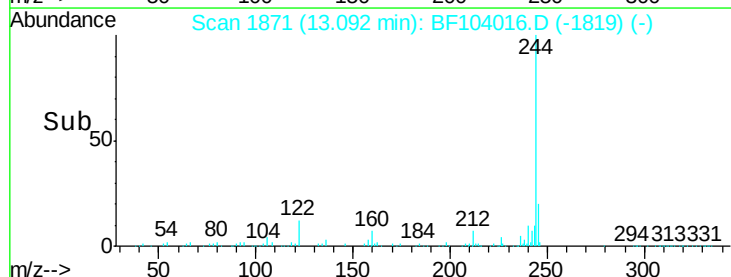
122 13.1 11.0 16.4

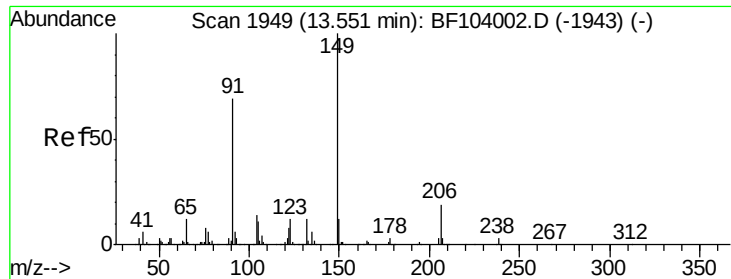


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

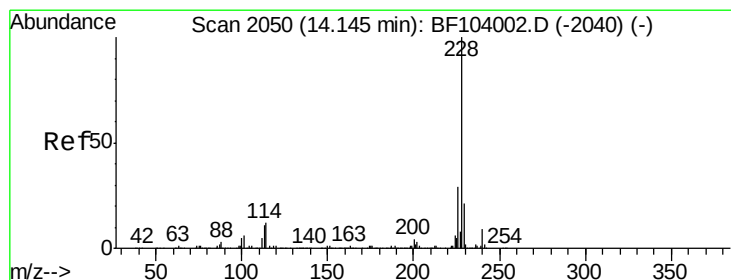
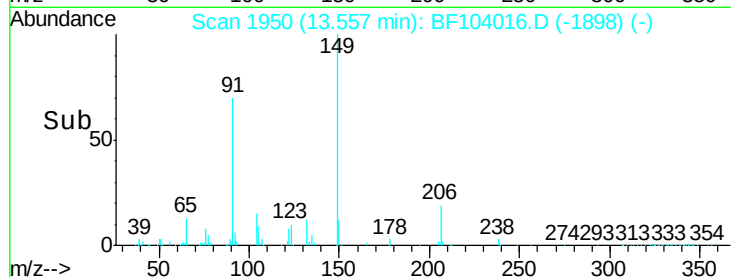
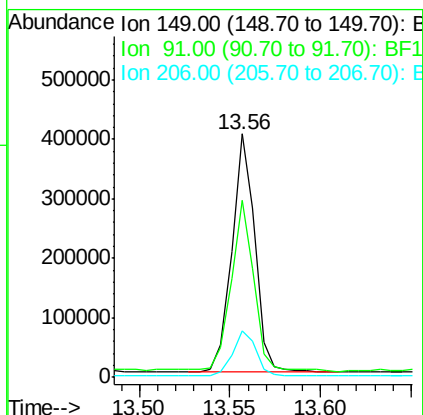
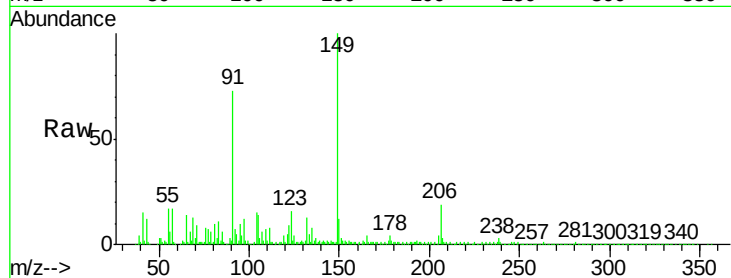




#79
Butylbenzylphthalate
Concen: 46.100 ng
RT: 13.56 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

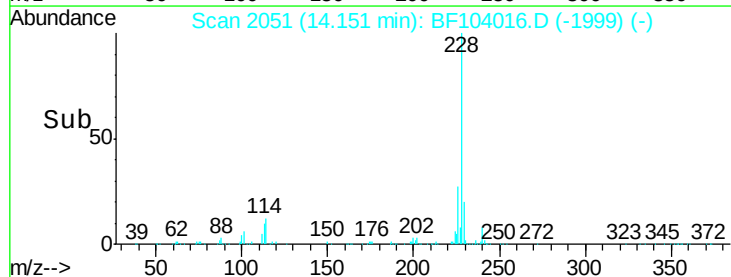
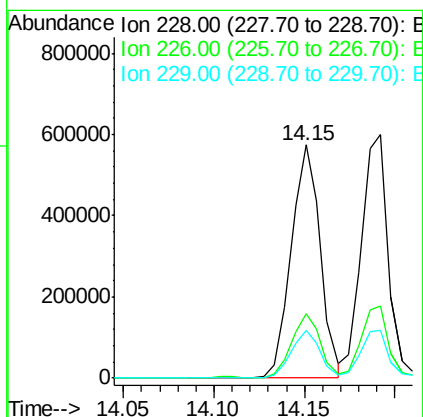
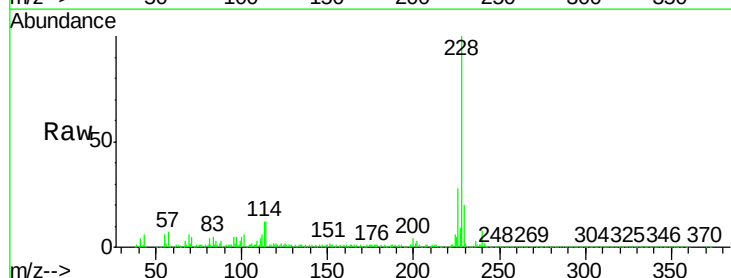
Instrument :
BNA_F
ClientSampleID :

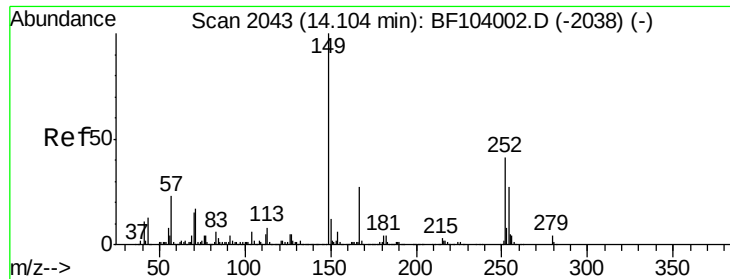
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.6	56.8	85.2
206	19.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 45.135 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.3	15.8	23.6

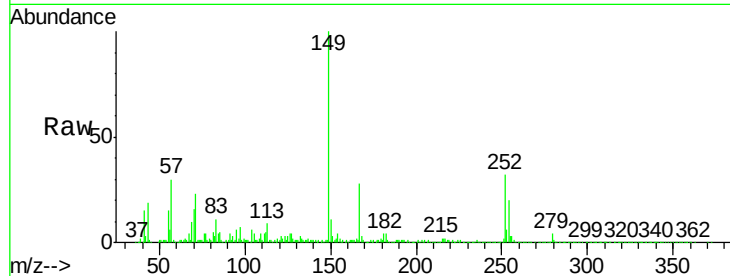




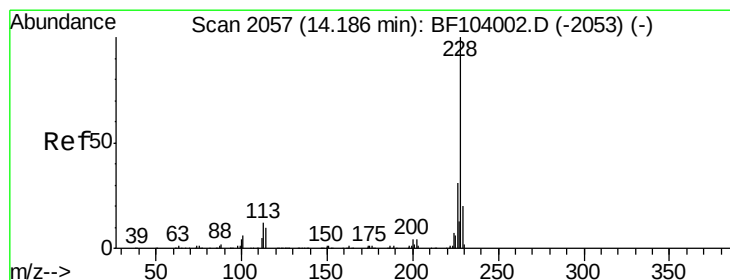
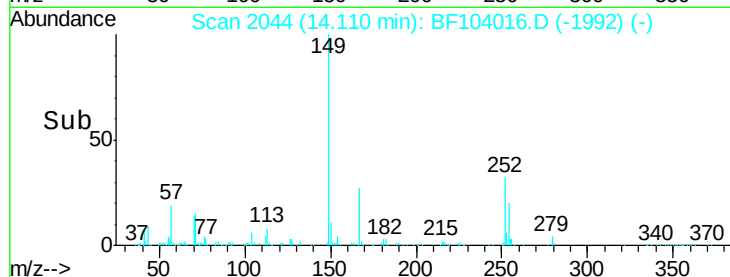
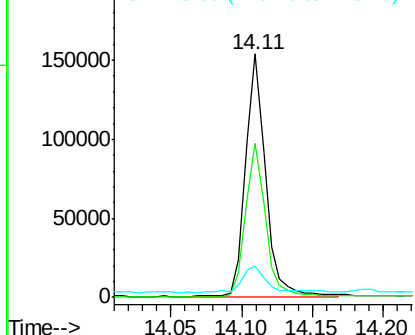
#81
 3,3'-Dichlorobenzidine
 Concen: 32.444 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.4	75.6
126	12.9	11.3	16.9

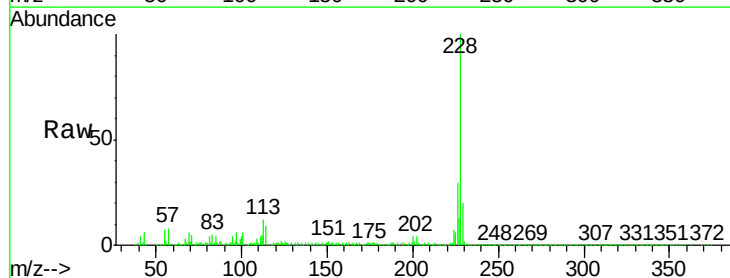


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

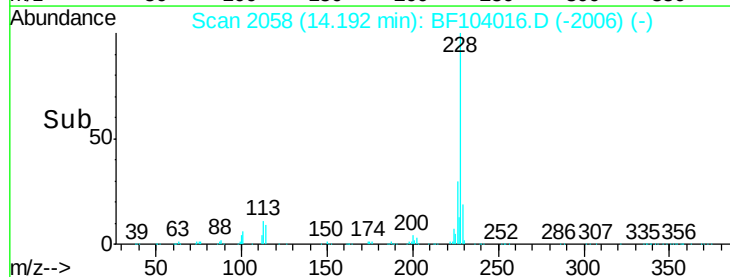
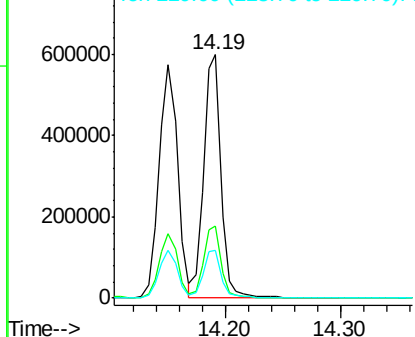


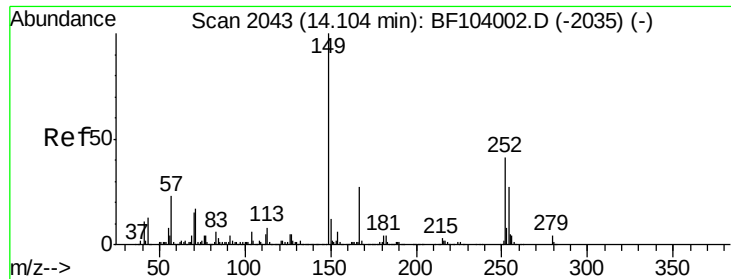
#82
 Chrysene
 Concen: 44.877 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	19.6	16.2	24.4



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

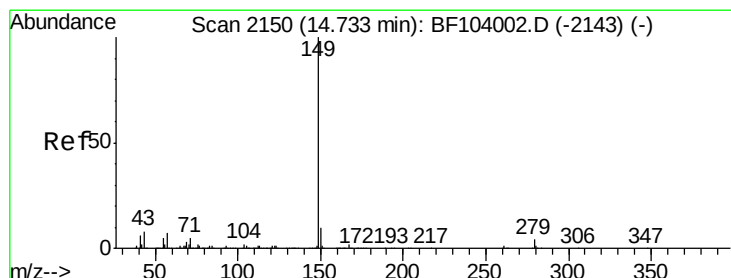
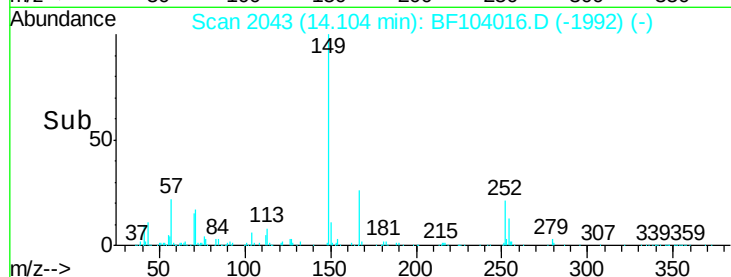
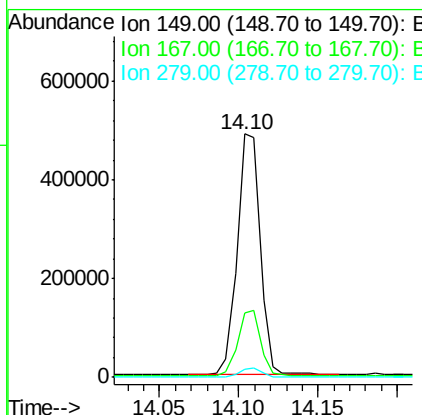
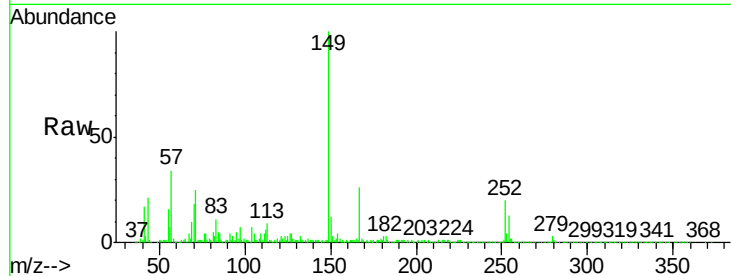




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.315 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

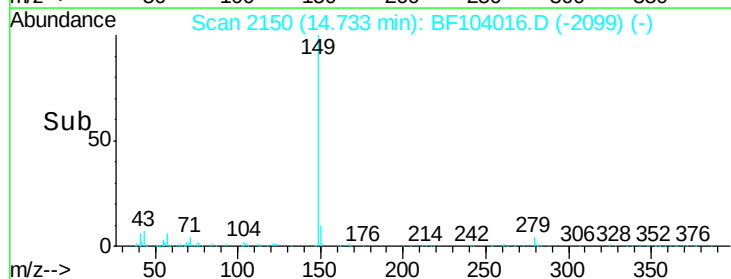
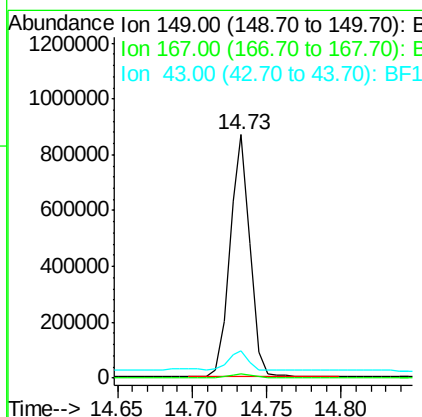
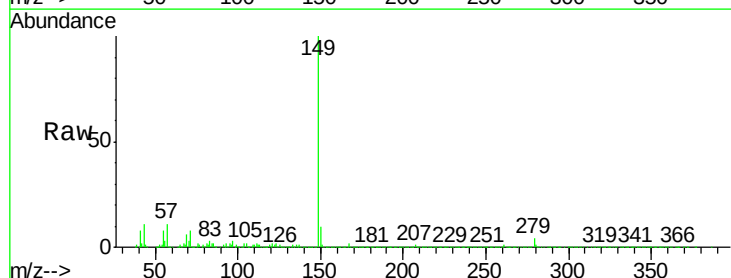
Instrument :
 BNA_F
 ClientSampleId :

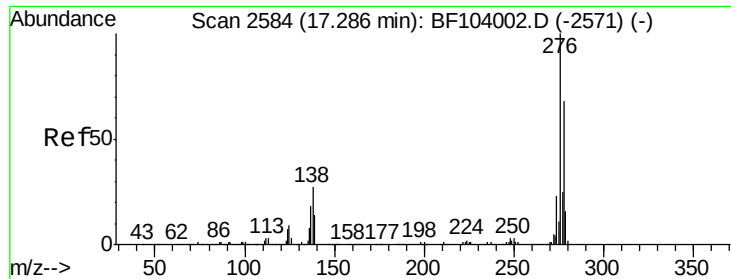
Tot Ion:149 Resp: 489508
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.3 31.9
 279 3.3 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 47.952 ng
 RT: 14.73 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion:149 Resp: 818764
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.0 8.4 12.6#

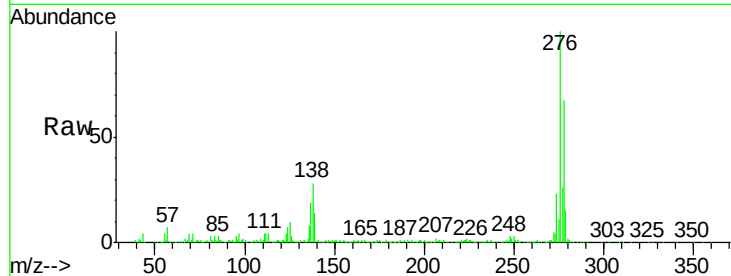




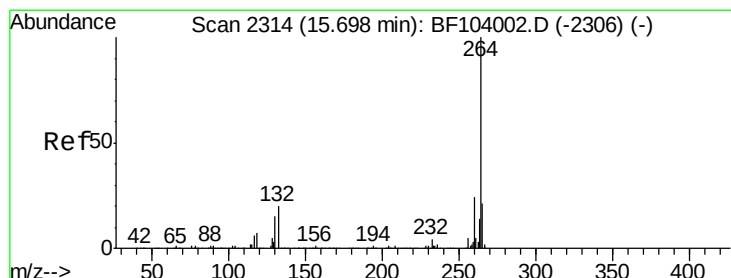
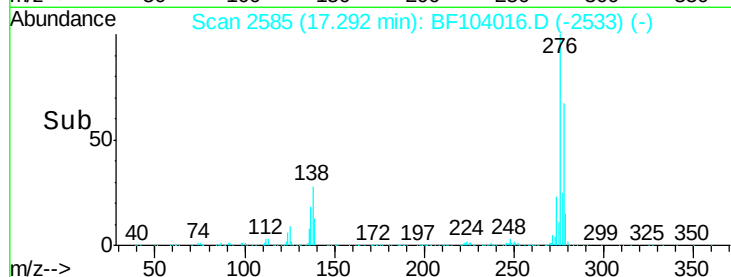
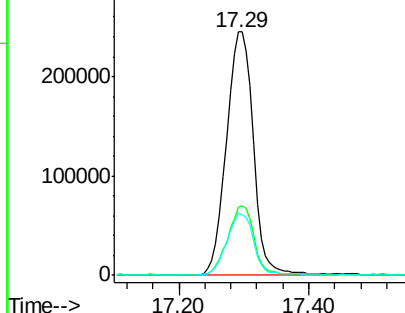
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.956 ng
 RT: 17.29 min Scan# 2585
 Delta R.T. 0.01 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.0	37.6
277	25.1	20.1	30.1

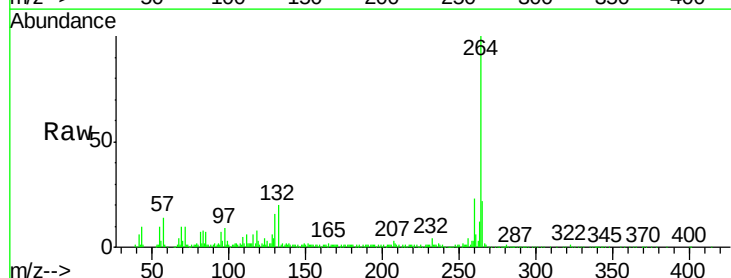


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

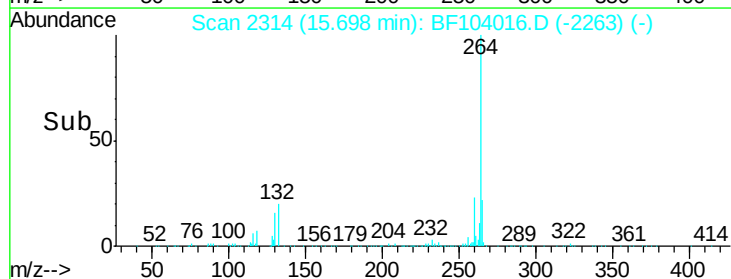
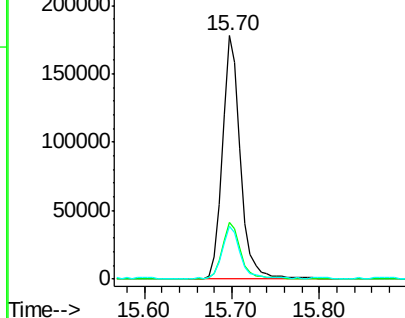


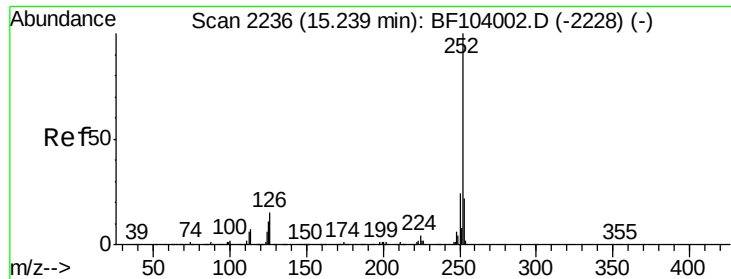
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104016.D
 Acq: 28 Mar 2018 18:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.9	17.5	26.3



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

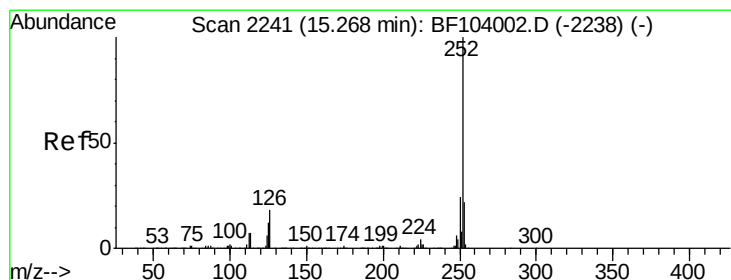
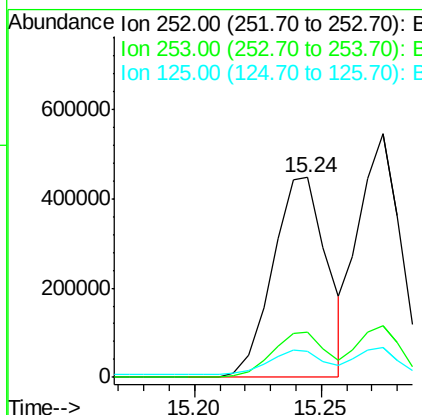
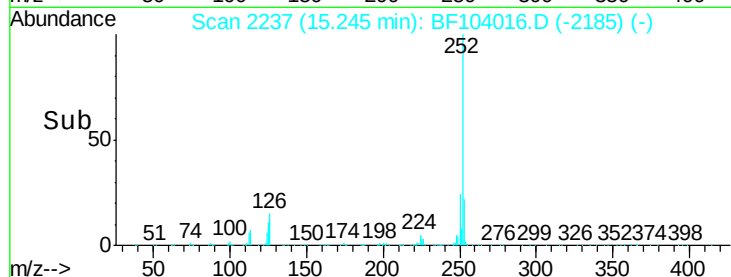
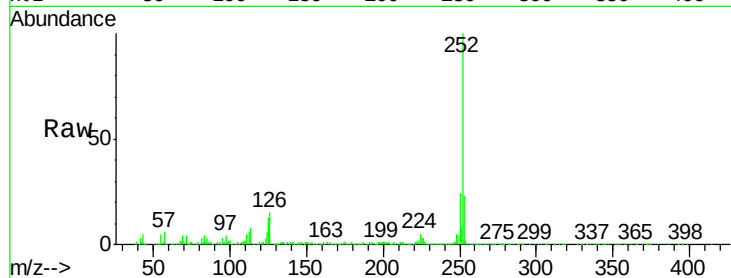




#87
Benzo(b)fluoranthene
Concen: 43.668 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

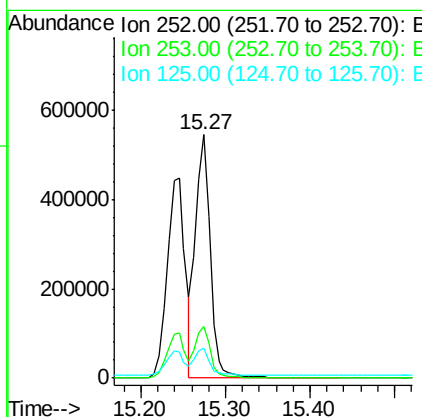
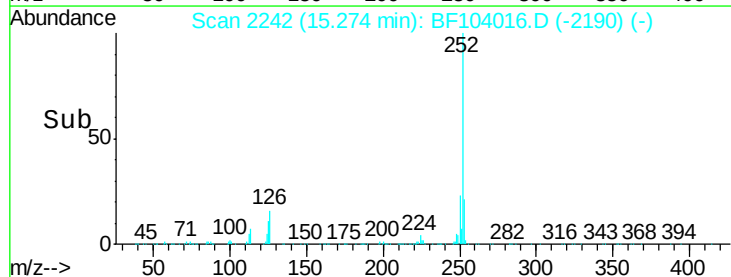
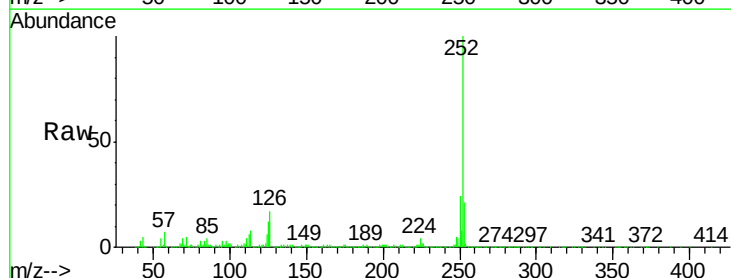
Instrument :
BNA_F
ClientSampleId :

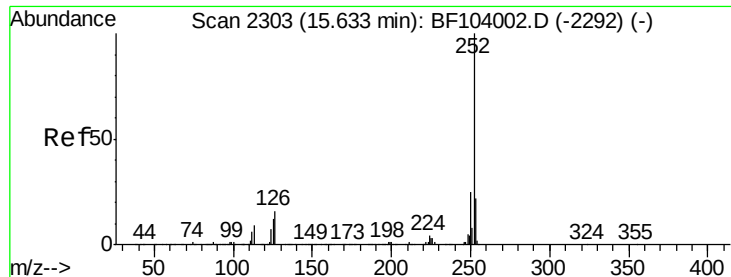
Tot Ion:252 Resp: 665073
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 45.392 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion:252 Resp: 651233
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 12.1 10.2 15.2

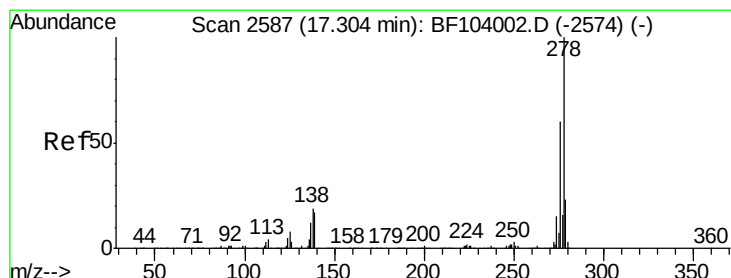
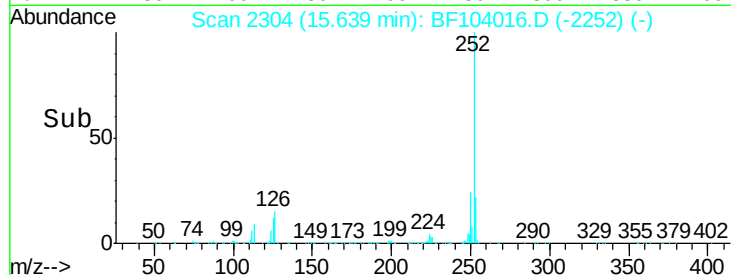
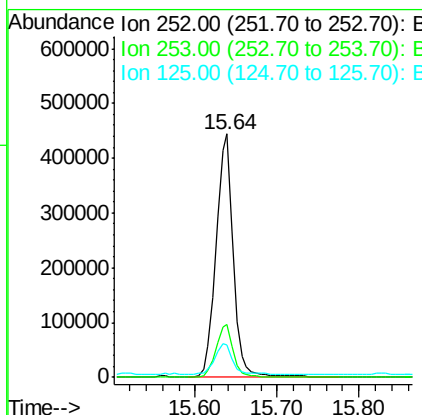
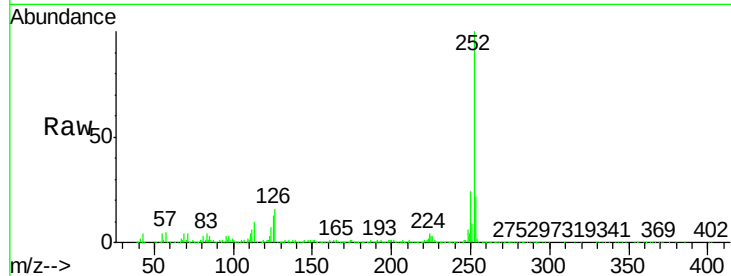




#89
Benzo(a)pyrene
Concen: 45.798 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

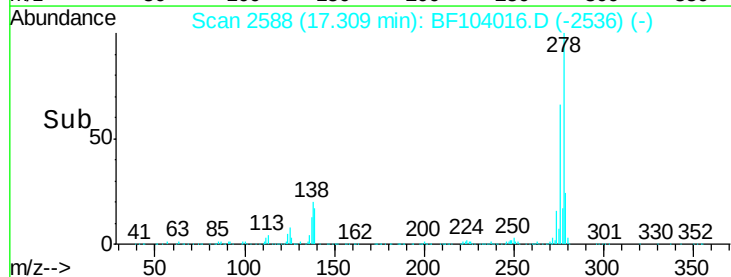
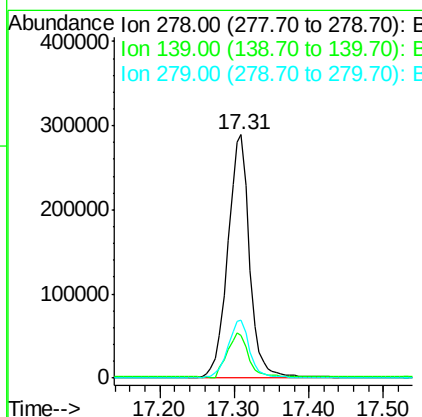
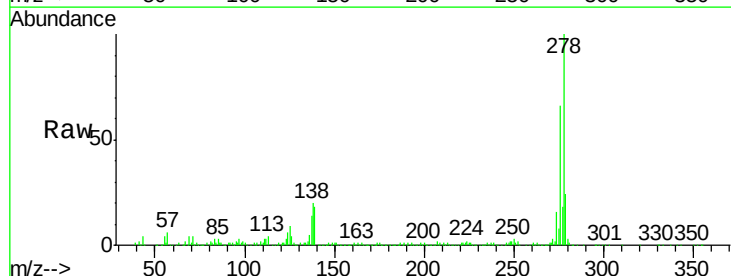
Instrument :
BNA_F
ClientSampleId :

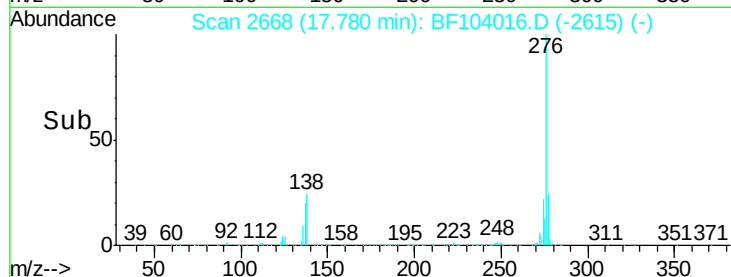
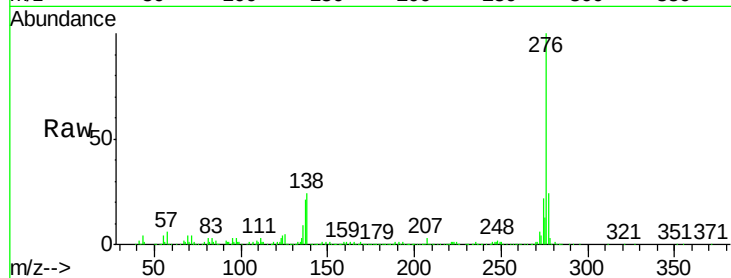
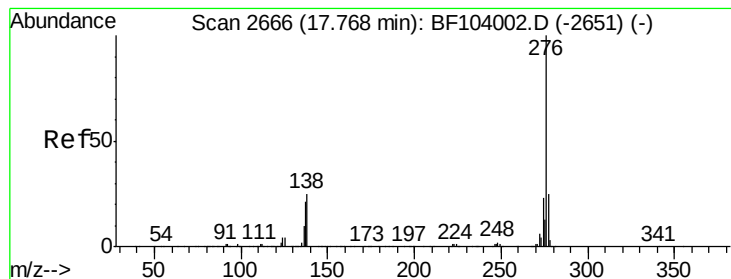
Tot Ion:252 Resp: 646383
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 13.1 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 45.208 ng
RT: 17.31 min Scan# 2588
Delta R.T. 0.01 min
Lab File: BF104016.D
Acq: 28 Mar 2018 18:04

Tgt Ion:278 Resp: 589923
Ion Ratio Lower Upper
278 100
139 17.7 15.9 23.9
279 23.6 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 43.340 ng

RT: 17.78 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BF104016.D

Acq: 28 Mar 2018 18:04

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 566459

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 24.2 21.8 32.8

