

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104005.D
 Acq On : 28 Mar 2018 12:47
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 13:15:28 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 12:06:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	128725	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	534867	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	249861	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	450470	20.00	ng	0.00
75) Chrysene-d12	14.16	240	340015	20.00	ng	0.00
86) Perylene-d12	15.70	264	323014	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1262687	149.20	ng	0.00
7) Phenol-d6	6.62	99	1444826	139.54	ng	0.01
23) Nitrobenzene-d5	7.55	82	1312306	171.10	ng	0.01
41) 2,4,6-Tribromophenol	10.81	330	396605	184.61	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2083187	132.99	ng	0.00
78) Terphenyl-d14	13.09	244	1970684	134.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	273382	65.602	ng	# 87
3) Pyridine	3.63	79	710945	62.025	ng	88
4) n-Nitrosodimethylamine	3.61	42	216343	51.190	ng	# 74
6) Aniline	6.65	93	947906	64.113	ng	93
8) 2-Chlorophenol	6.76	128	664606	74.963	ng	96
9) Benzaldehyde	6.53	77	280868	41.290	ng	95
10) Phenol	6.63	94	810108	73.630	ng	79
11) bis(2-Chloroethyl)ether	6.71	93	619210	68.174	ng	93
12) 1,3-Dichlorobenzene	6.91	146	753085	74.581	ng	100
13) 1,4-Dichlorobenzene	6.99	146	790394	77.897	ng	99
14) 1,2-Dichlorobenzene	7.14	146	662841	70.399	ng	99
15) Benzyl Alcohol	7.12	79	477248	59.489	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	752250	58.231	ng	59
17) 2-Methylphenol	7.23	107	553005	70.044	ng	# 88
18) Hexachloroethane	7.47	117	265522	74.394	ng	99
19) n-Nitroso-di-n-propylamine	7.39	70	430467	64.872	ng	92
20) 3+4-Methylphenols	7.39	107	614436	61.324	ng	# 65
22) Acetophenone	7.39	105	900535	65.511	ng	# 96
24) Nitrobenzene	7.56	77	695047	77.189	ng	95
25) Isophorone	7.79	82	1277488	71.950	ng	99
26) 2-Nitrophenol	7.87	139	380476	129.229	ng	95
27) 2,4-Dimethylphenol	7.90	122	519617	68.313	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	766497	71.292	ng	100
29) 2,4-Dichlorophenol	8.12	162	556124	80.363	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	611751	76.218	ng	98
31) Naphthalene	8.27	128	1884397	69.744	ng	99
32) Benzoic acid	8.08	122	521328	114.293	ng	96
33) 4-Chloroaniline	8.33	127	835297	73.690	ng	97
34) Hexachlorobutadiene	8.38	225	325081	73.871	ng	100
35) Caprolactam	8.73	113	175349	73.586	ng	# 76
36) 4-Chloro-3-methylphenol	8.82	107	585526	76.751	ng	96
37) 2-Methylnaphthalene	8.96	142	1219174	71.155	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	560013	78.563	ng	99
40) Hexachlorocyclopentadiene	9.10	237	290898	79.087	ng	98

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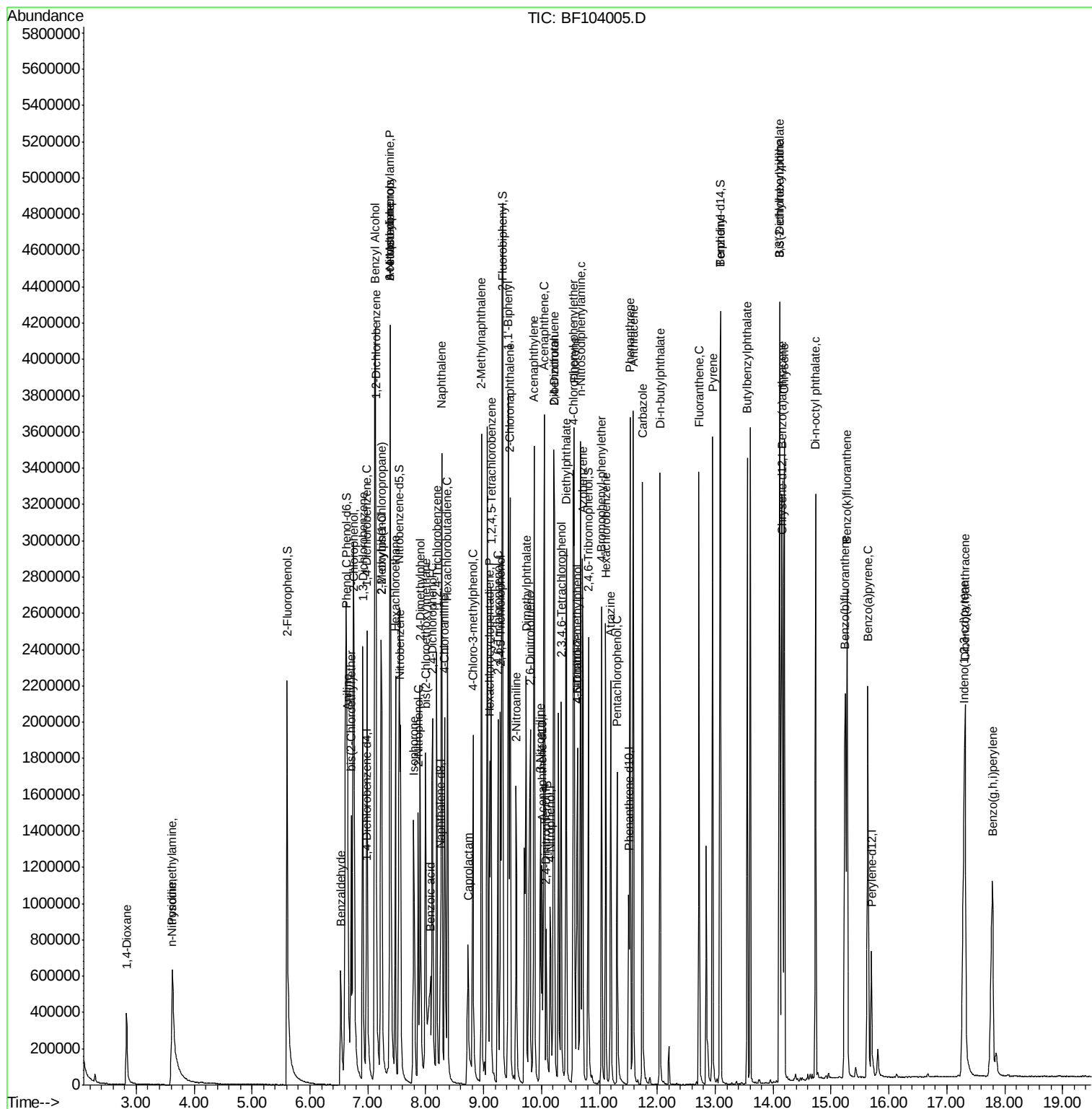
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	375750	82.412	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	437114	84.940	ng	98
45) 1,1'-Biphenyl	9.43	154	1485414	71.295	ng	100
46) 2-Chloronaphthalene	9.46	162	1205784	72.865	ng	99
47) 2-Nitroaniline	9.56	65	369809	95.683	ng	95
48) Acenaphthylene	9.87	152	1759049	68.549	ng	99
49) Dimethylphthalate	9.73	163	1465763	76.890	ng	99
50) 2,6-Dinitrotoluene	9.80	165	317777	92.772	ng	90
51) Acenaphthene	10.05	154	1021963	67.072	ng	100
52) 3-Nitroaniline	9.99	138	369611	89.357	ng	93
53) 2,4-Dinitrophenol	10.08	184	149129	210.022	ng	# 26
54) Dibenzofuran	10.22	168	1448540	66.564	ng	99
55) 4-Nitrophenol	10.15	139	246719	80.492	ng	93
56) 2,4-Dinitrotoluene	10.21	165	386855	92.066	ng	97
57) Fluorene	10.56	166	1197646	70.924	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	316560	86.813	ng	94
59) Diethylphthalate	10.43	149	1344162	71.042	ng	97
60) 4-Chlorophenyl-phenylether	10.55	204	557488	72.239	ng	95
61) 4-Nitroaniline	10.62	138	335064	84.111	ng	97
62) Azobenzene	10.71	77	1218901	63.365	ng	95
64) 4,6-Dinitro-2-methylphenol	10.63	198	225839	154.827	ng	# 73
65) n-Nitrosodiphenylamine	10.67	169	1079807	70.423	ng	100
66) 4-Bromophenyl-phenylether	11.04	248	356667	77.115	ng	94
67) Hexachlorobenzene	11.11	284	403574	76.451	ng	# 89
68) Atrazine	11.20	200	327717	69.092	ng	99
69) Pentachlorophenol	11.30	266	253080	83.390	ng	97
70) Phenanthrene	11.53	178	1691722	68.653	ng	99
71) Anthracene	11.59	178	1731118	69.168	ng	100
72) Carbazole	11.74	167	1678812	69.014	ng	99
73) Di-n-butylphthalate	12.05	149	1978675	67.791	ng	99
74) Fluoranthene	12.73	202	1763108	69.450	ng	97
76) Benzidine	13.09	184	24598	1.696	ng	98
77) Pyrene	12.96	202	1809853	72.480	ng	100
79) Butylbenzylphthalate	13.56	149	873126	78.921	ng	99
80) Benzo(a)anthracene	14.15	228	1576322	73.239	ng	100
81) 3,3'-Dichlorobenzidine	14.12	252	432897	60.131	ng	96
82) Chrysene	14.19	228	1490195	72.633	ng	100
83) Bis(2-ethylhexyl)phthalate	14.10	149	1031020	65.235	ng	100
84) Di-n-octyl phthalate	14.74	149	1881070	81.810	ng	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	1424830	79.523	ng	96
87) Benzo(b)fluoranthene	15.24	252	1548082	75.859	ng	98
88) Benzo(k)fluoranthene	15.28	252	1334932	68.050	ng	99
89) Benzo(a)pyrene	15.64	252	1344574	72.642	ng	98
90) Dibenzo(a,h)anthracene	17.32	278	1163298	72.582	ng	99
91) Benzo(g,h,i)perylene	17.79	276	1190209	76.334	ng	96

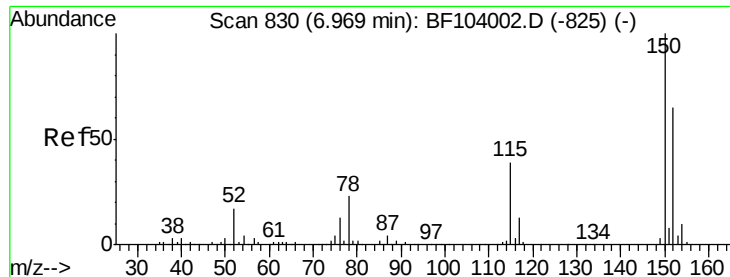
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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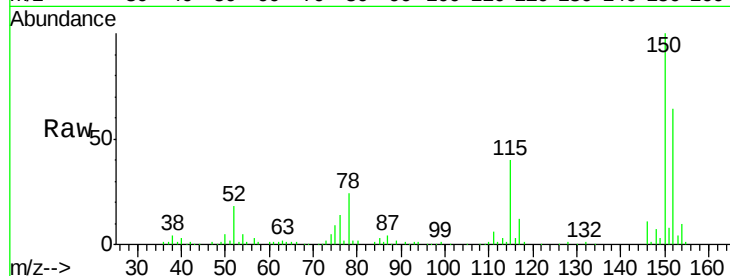


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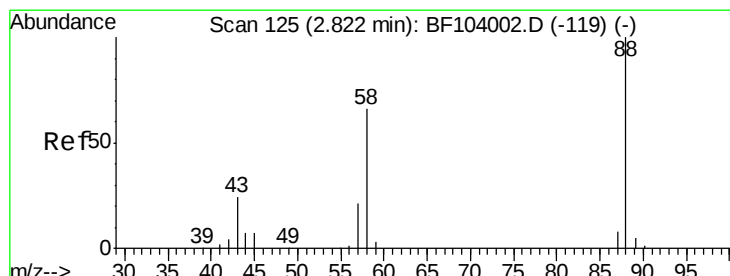
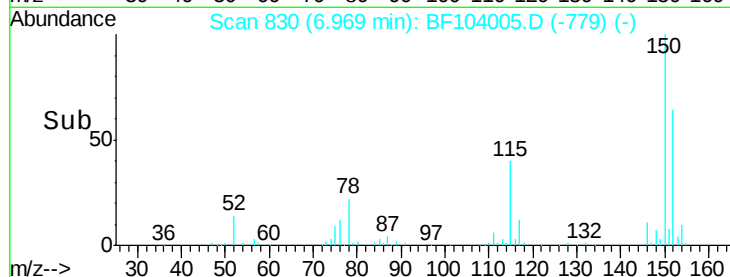
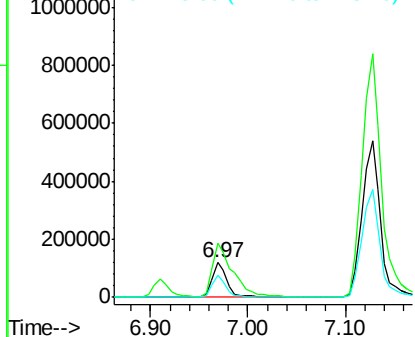
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128725
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 62.7 50.1 75.1



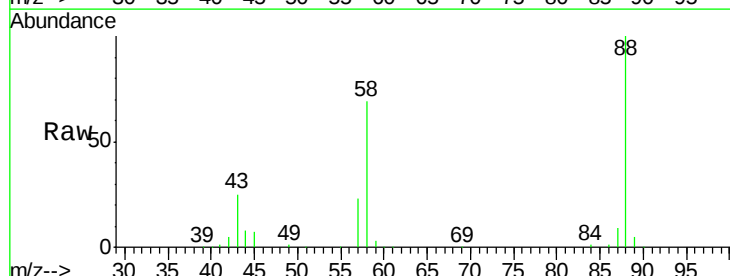
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



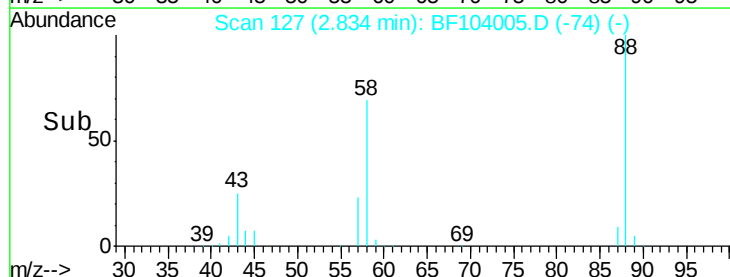
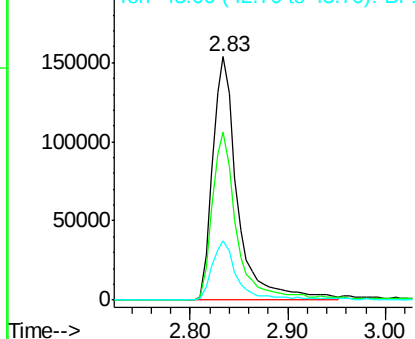
#2

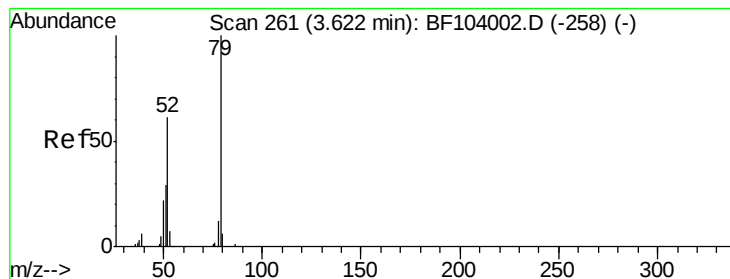
1,4-Dioxane
Concen: 65.602 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion: 88 Resp: 273382
Ion Ratio Lower Upper
88 100
58 66.9 62.6 93.8
43 24.5 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: 62.025 ng

RT: 3.63 min Scan# 262

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

Instrument :

BNA_F

ClientSampleId :

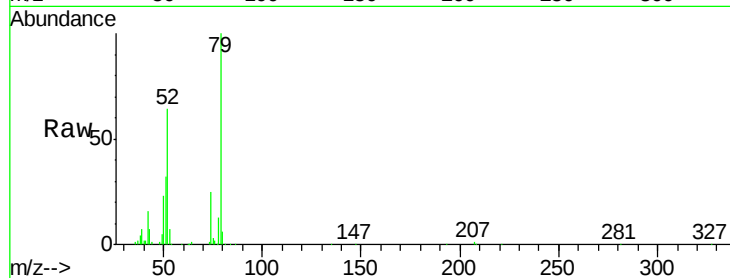
Tot Ion: 79 Resp: 710945

Ion Ratio Lower Upper

79 100

52 63.6 59.8 89.6

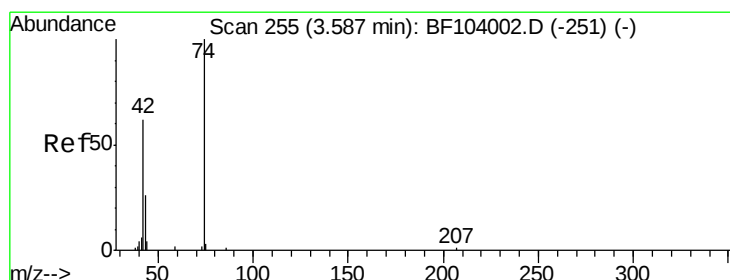
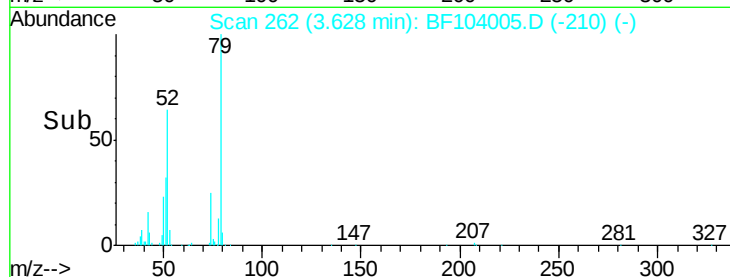
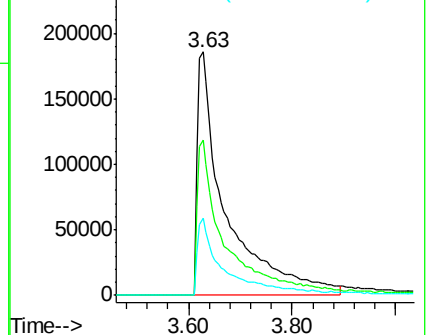
51 31.7 29.8 44.8



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: 51.190 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.02 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

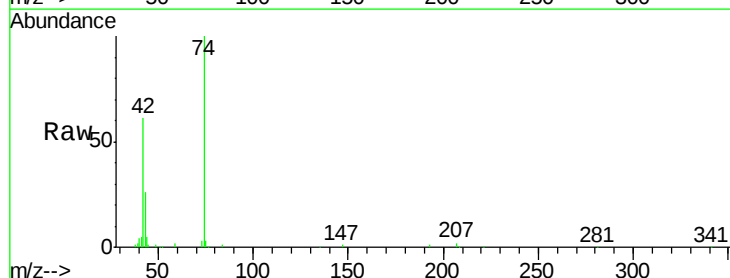
Tgt Ion: 42 Resp: 216343

Ion Ratio Lower Upper

42 100

74 162.9 104.9 157.3#

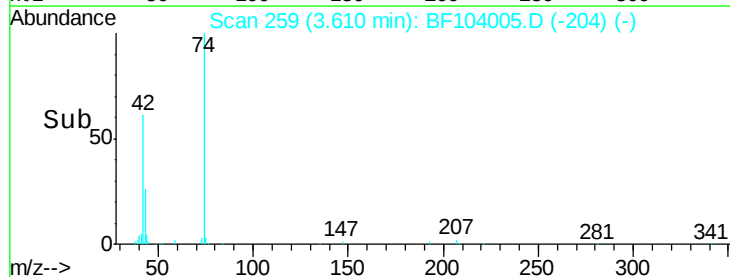
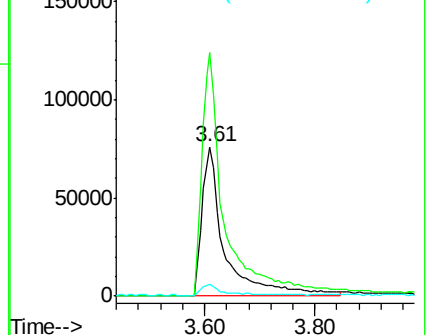
44 8.0 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 149.197 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

Instrument :

BNA_F

ClientSampled :

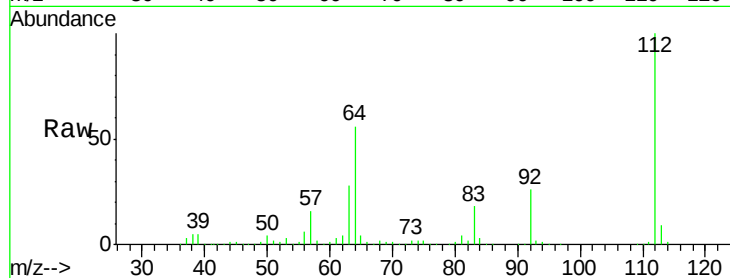
Tot Ion:112 Resp: 1262687

Ion Ratio Lower Upper

112 100

64 55.9 47.9 71.9

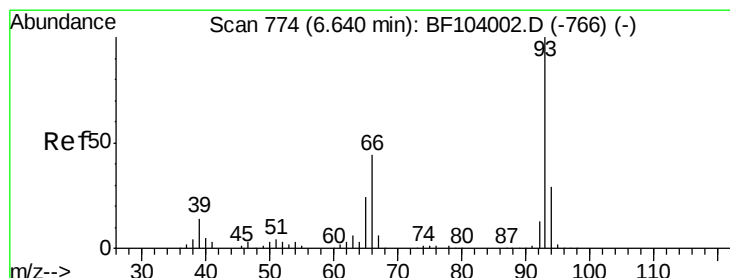
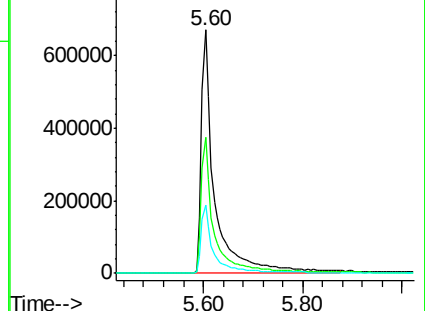
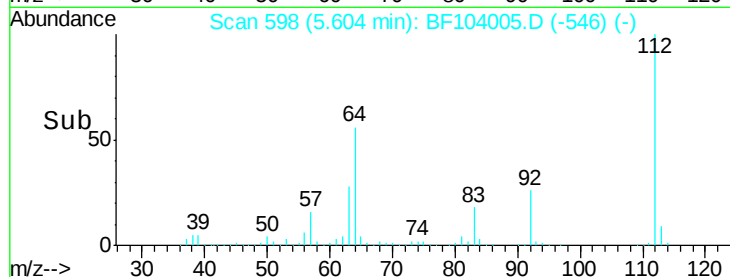
63 28.0 23.7 35.5



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: 64.113 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

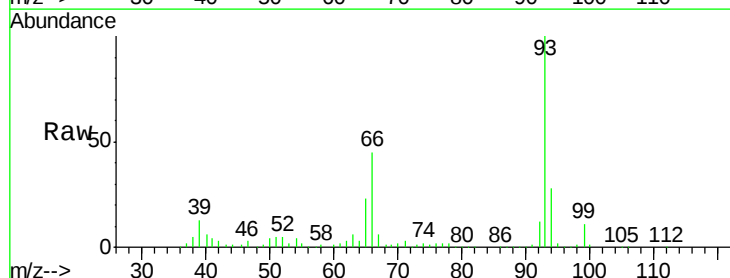
Tgt Ion: 93 Resp: 947906

Ion Ratio Lower Upper

93 100

66 45.1 32.2 48.2

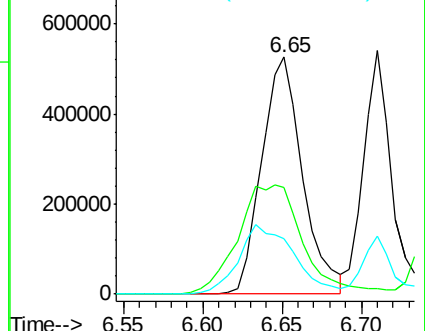
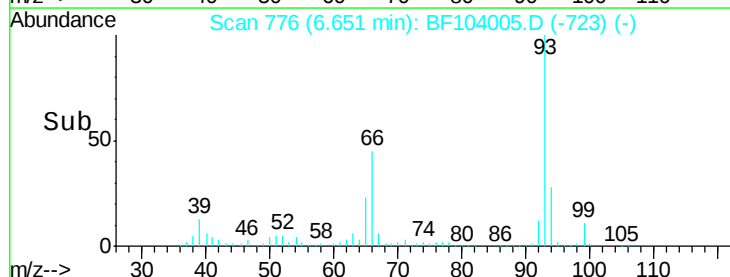
65 23.4 16.4 24.6

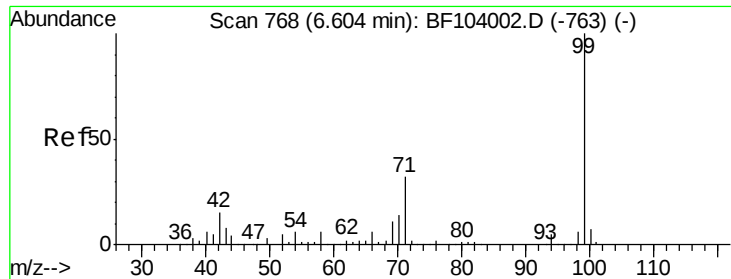


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 139.541 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

Instrument :

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ClientSampleId :

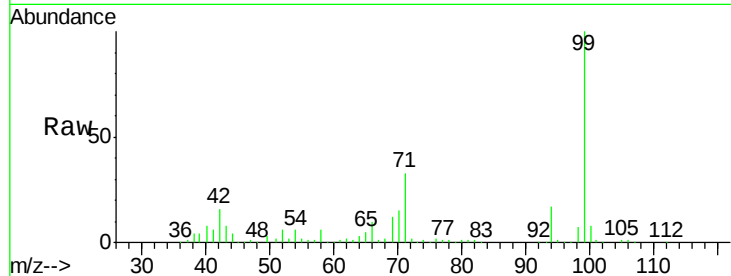
Tot Ion: 99 Resp: 1444826

Ion Ratio Lower Upper

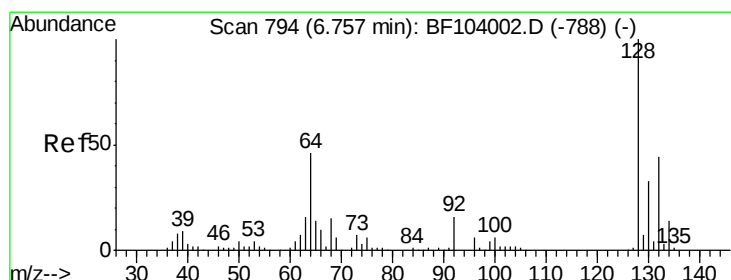
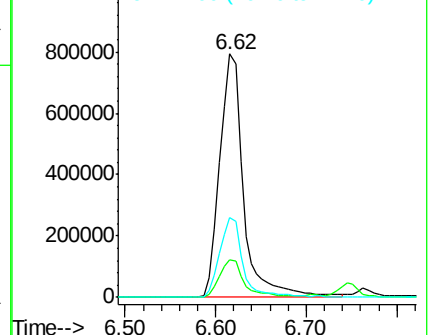
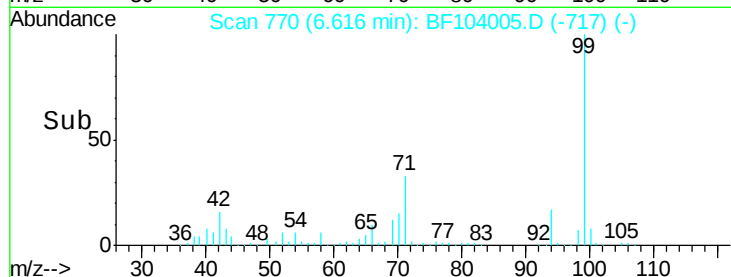
99 100

42 15.7 14.5 21.7

71 32.8 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: 74.963 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

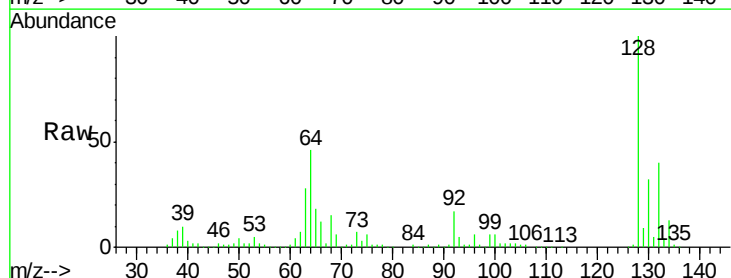
Tgt Ion: 128 Resp: 664606

Ion Ratio Lower Upper

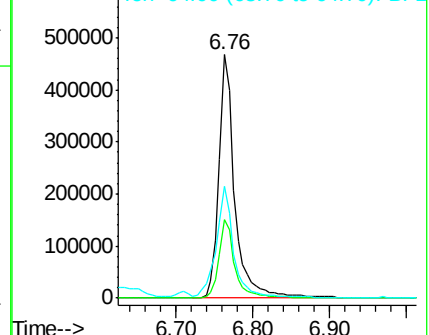
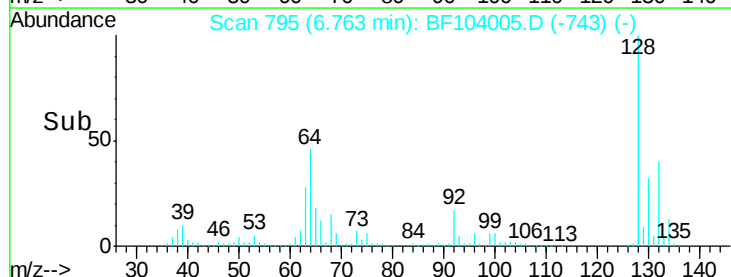
128 100

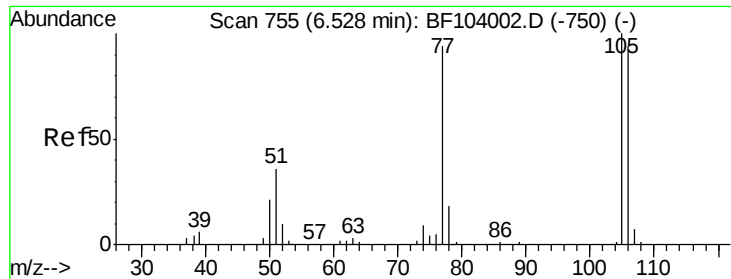
130 32.1 13.0 53.0

64 45.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.290 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

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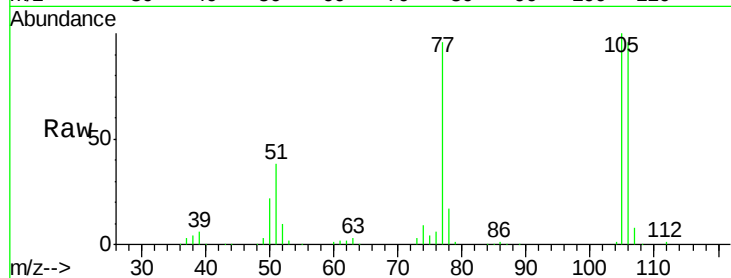
Tot Ion: 77 Resp: 280868

Ion Ratio Lower Upper

77 100

105 104.7 81.1 121.1

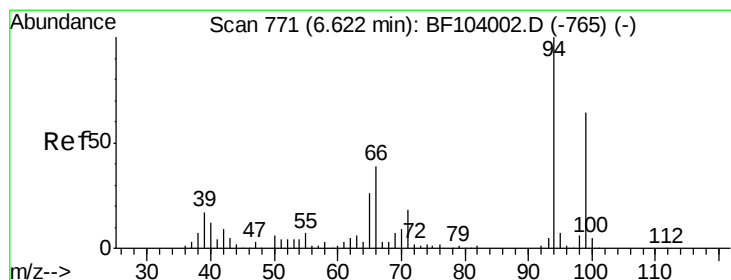
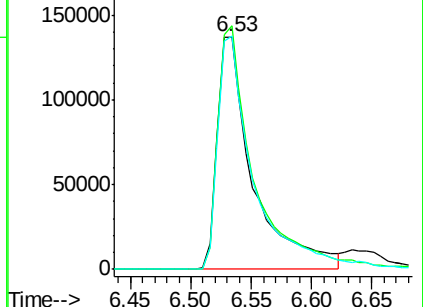
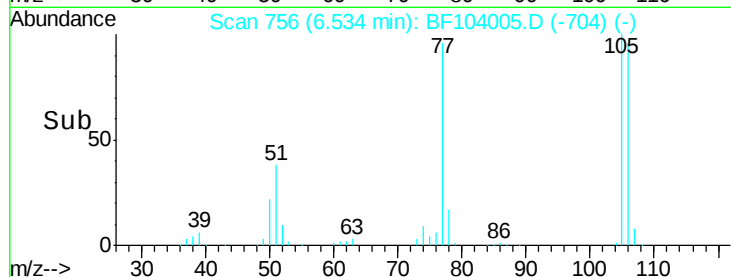
106 100.2 74.5 114.5



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: 73.630 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

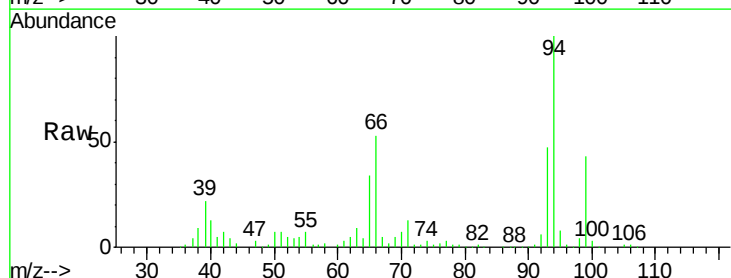
Tgt Ion: 94 Resp: 810108

Ion Ratio Lower Upper

94 100

65 33.7 7.9 47.9

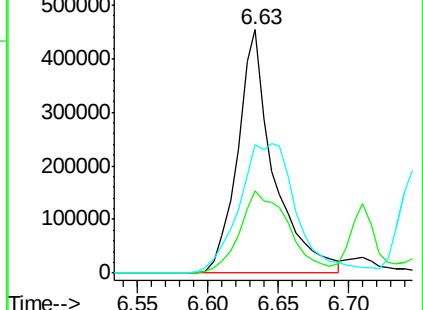
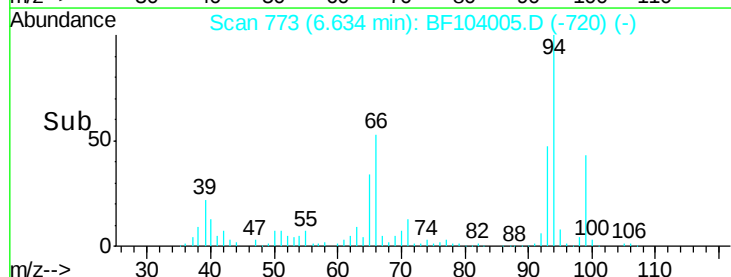
66 52.9 16.2 56.2

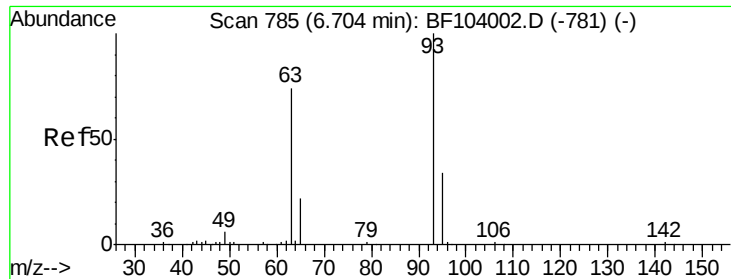


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

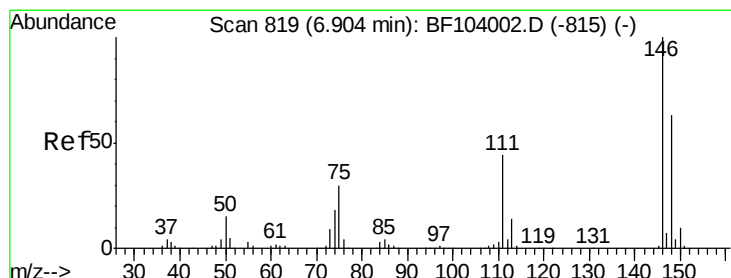
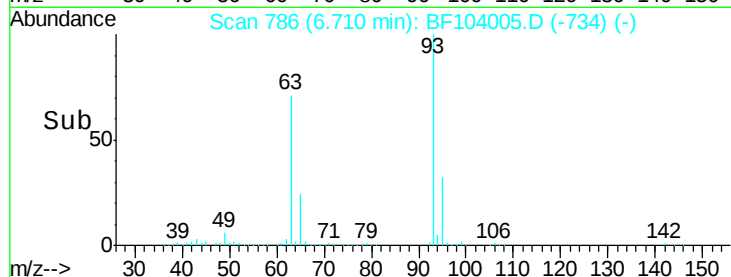
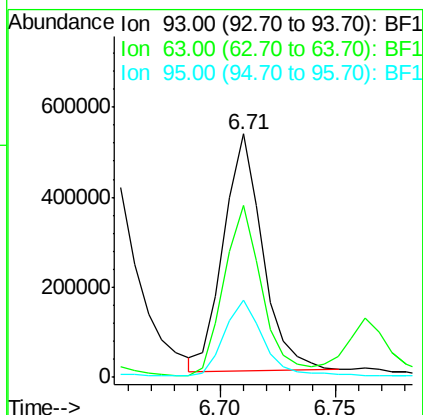
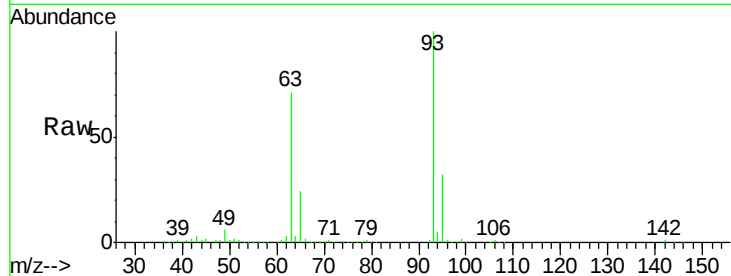




#11
bis(2-Chloroethyl)ether
Concen: 68.174 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

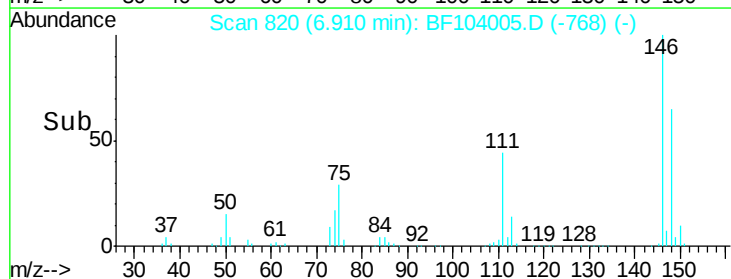
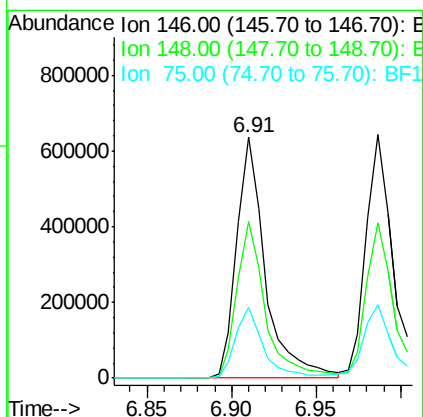
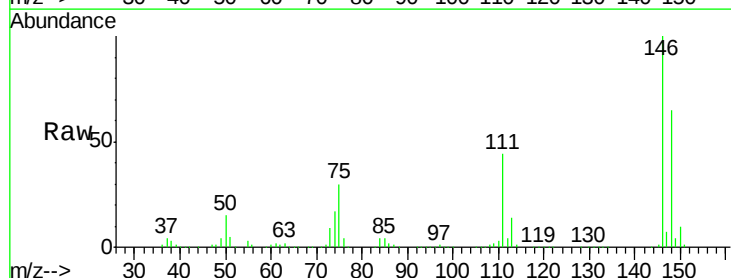
Instrument :
BNA_F
ClientSampleId :

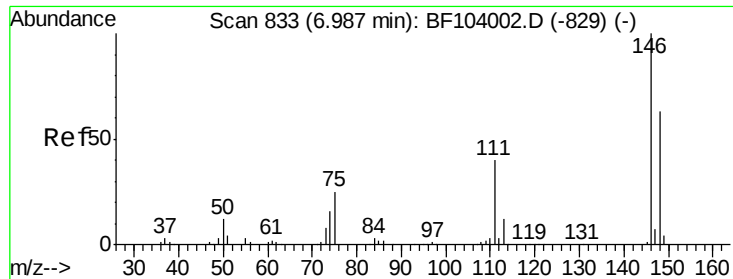
Tot Ion: 93 Resp: 619210
Ion Ratio Lower Upper
93 100
63 70.7 58.6 98.6
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 74.581 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion: 146 Resp: 753085
Ion Ratio Lower Upper
146 100
148 64.8 51.8 77.8
75 29.5 24.2 36.4

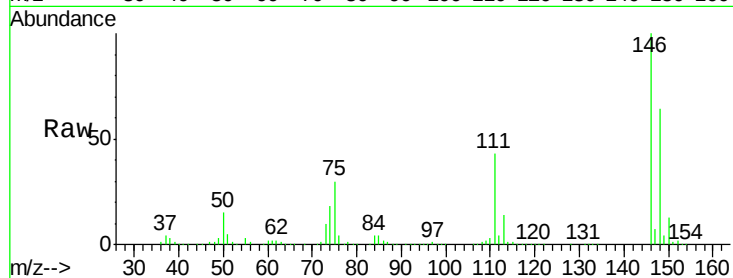




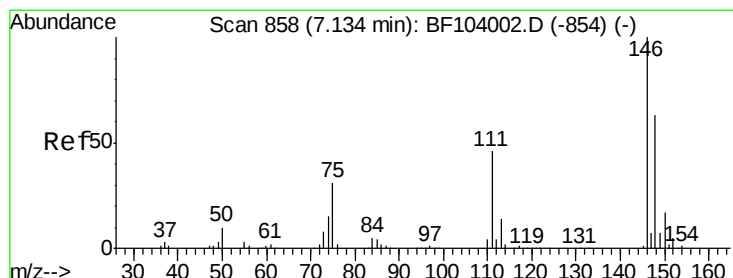
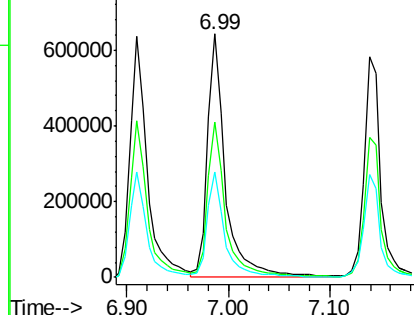
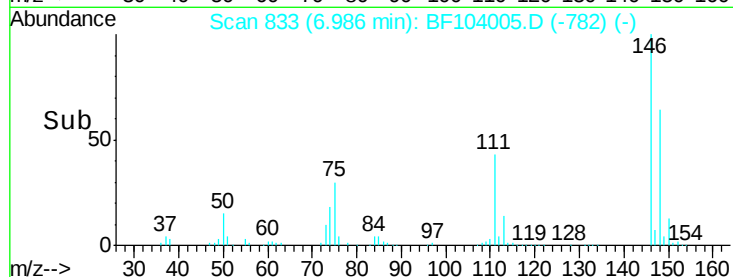
#13
 1,4-Dichlorobenzene
 Concen: 77.897 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 790394
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 43.1 34.2 51.2

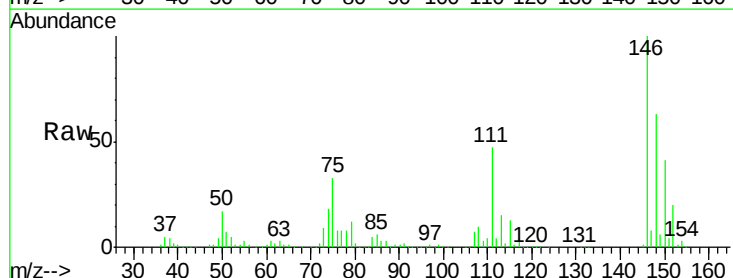


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

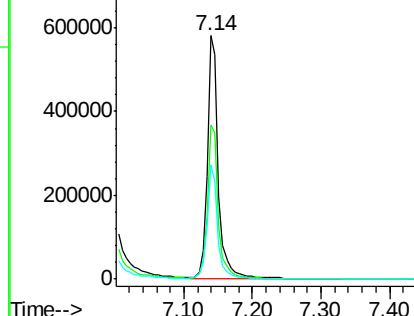
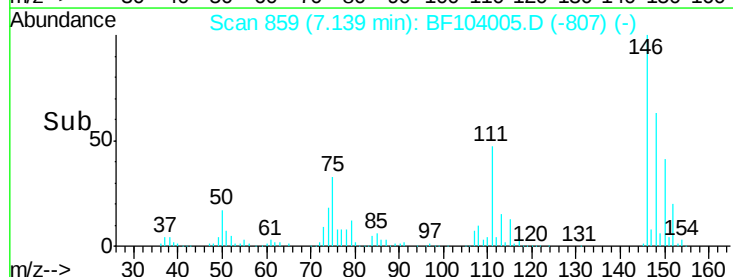


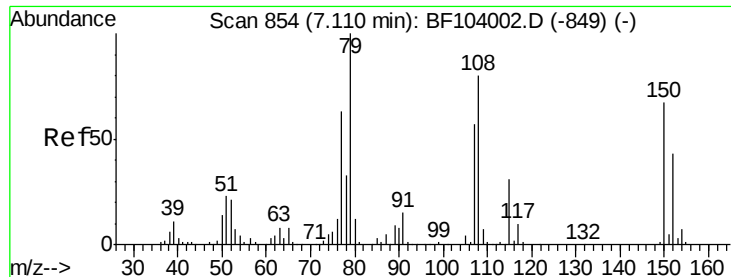
#14
 1,2-Dichlorobenzene
 Concen: 70.399 ng
 RT: 7.14 min Scan# 859
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Tgt Ion:146 Resp: 662841
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.6 75.8
 111 47.0 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

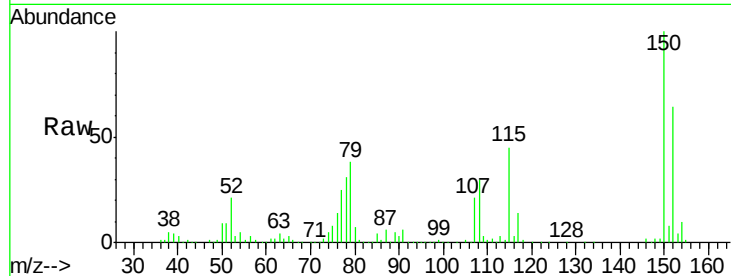




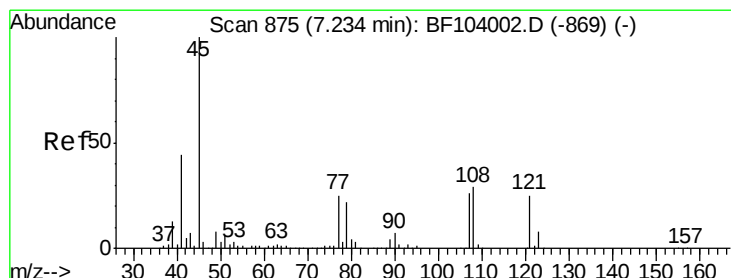
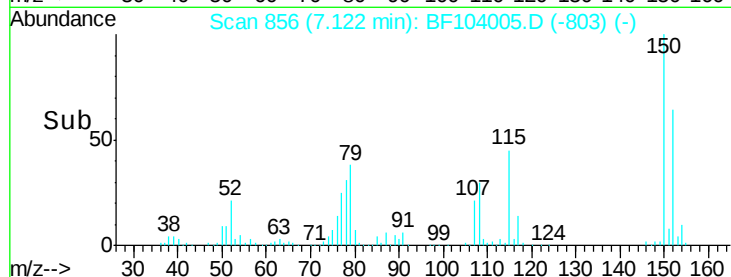
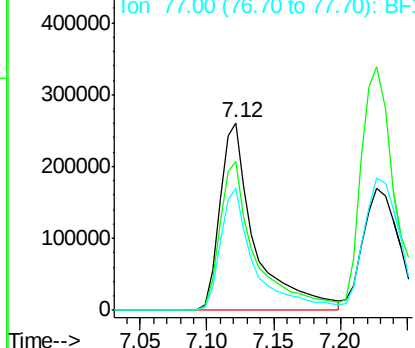
#15
Benzyl Alcohol
Concen: 59.489 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 79 Resp: 477248
Ion Ratio Lower Upper
79 100
108 79.7 65.1 97.7
77 64.9 50.6 75.8

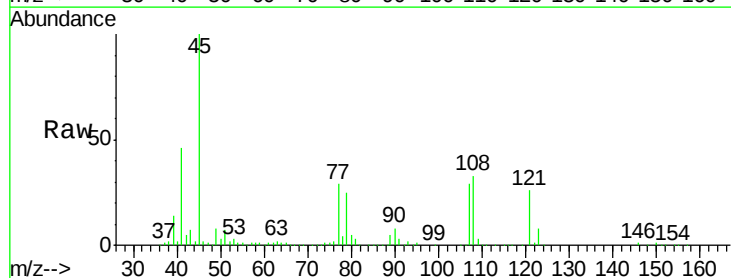


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

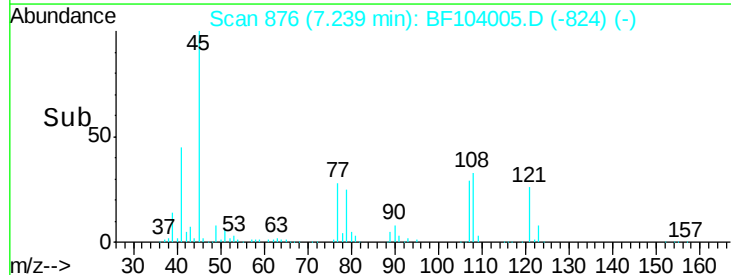
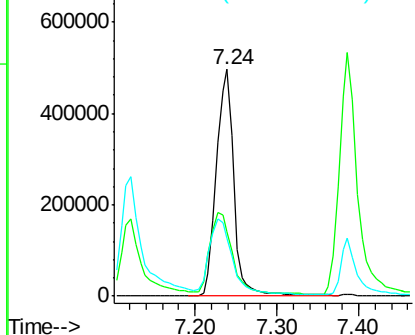


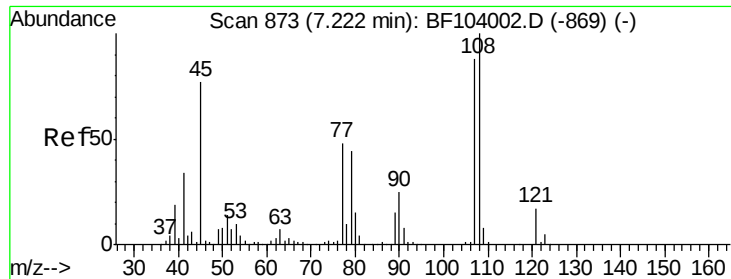
#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.231 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion: 45 Resp: 752250
Ion Ratio Lower Upper
45 100
77 28.5 0.0 32.9
79 25.3 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

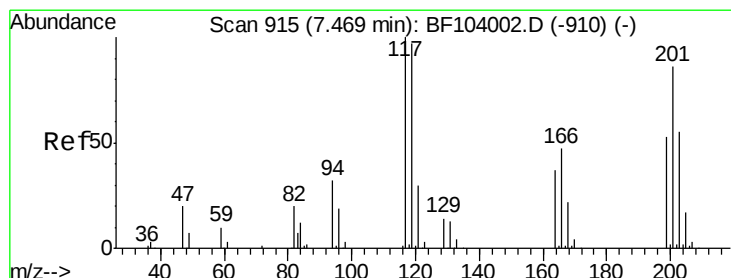
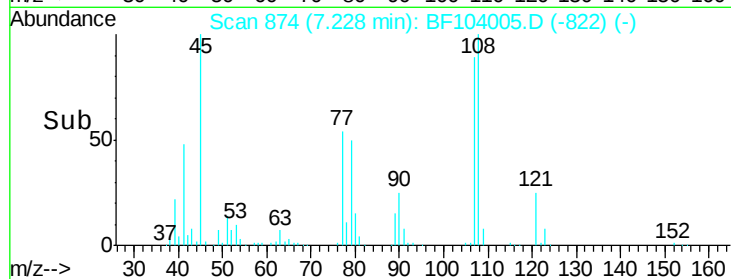
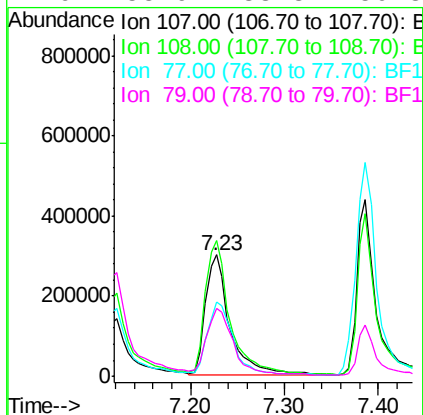
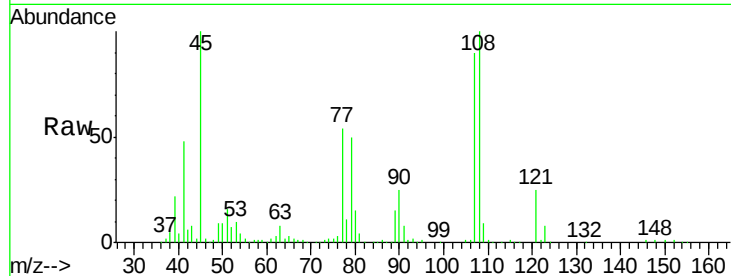




#17
2-Methylphenol
Concen: 70.044 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

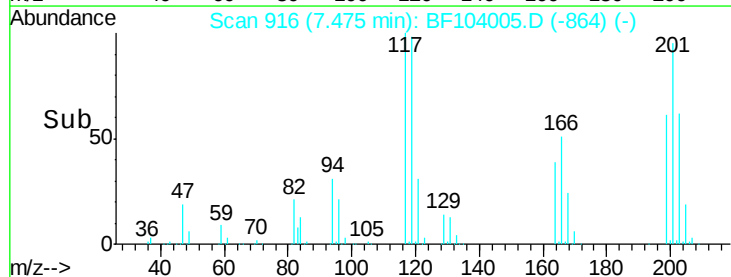
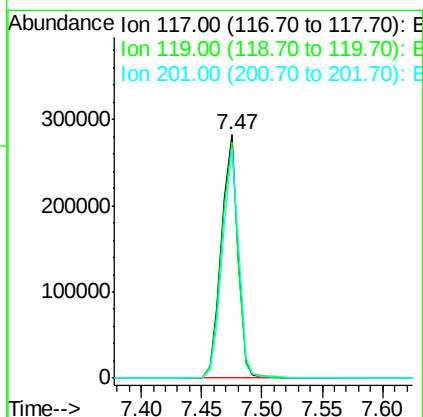
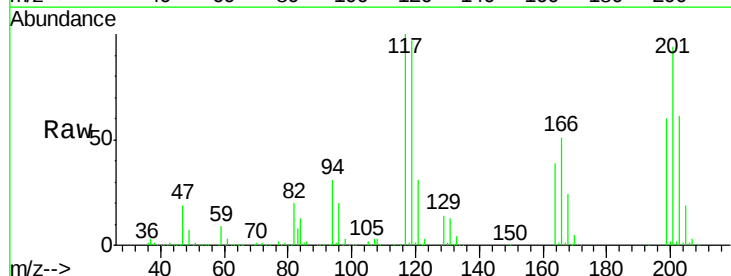
Instrument :
BNA_F
ClientSampleId :

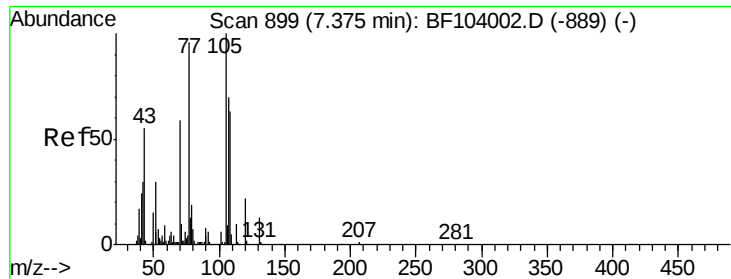
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	91.7	137.5
77	60.6	33.8	50.8#
79	55.9	33.8	50.8#



#18
Hexachloroethane
Concen: 74.394 ng
RT: 7.47 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.8
201	94.5	75.7	113.5

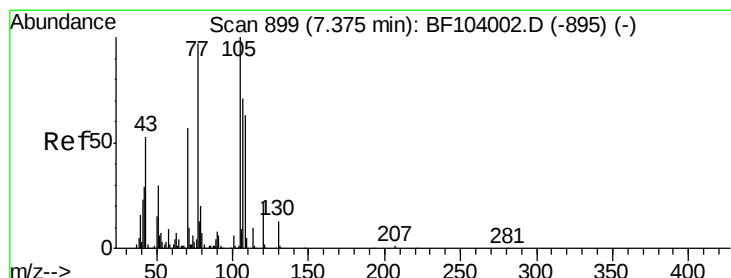
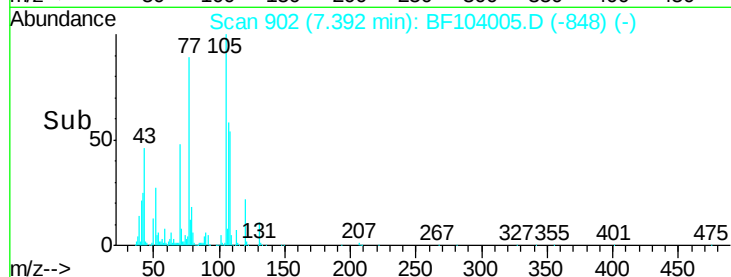
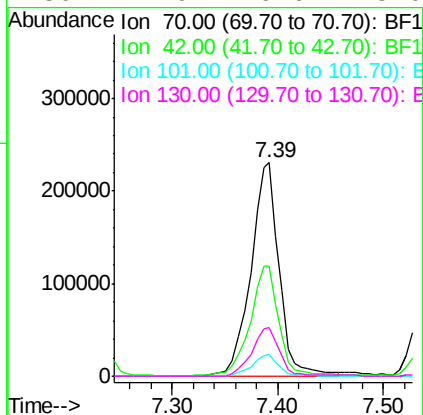
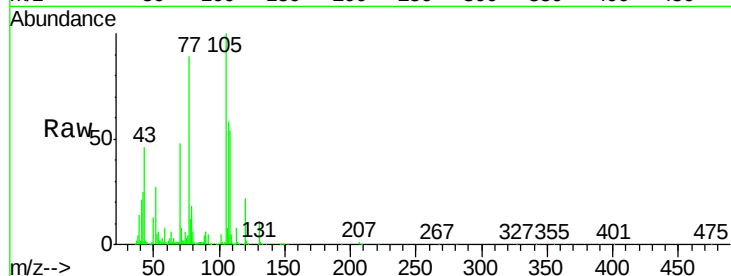




#19
n-Nitroso-di-n-propylamine
Concen: 64.872 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.02 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

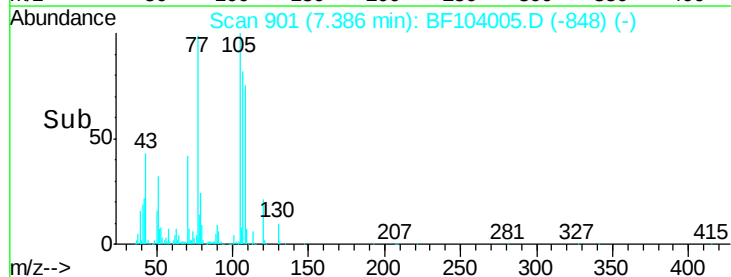
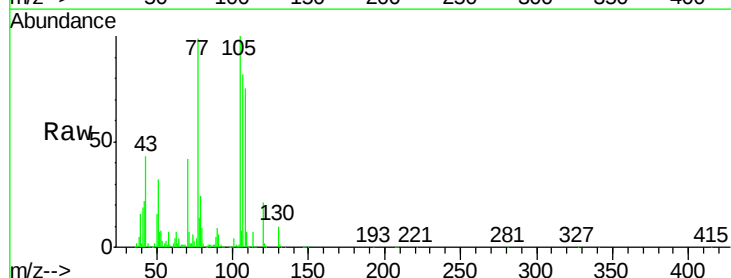
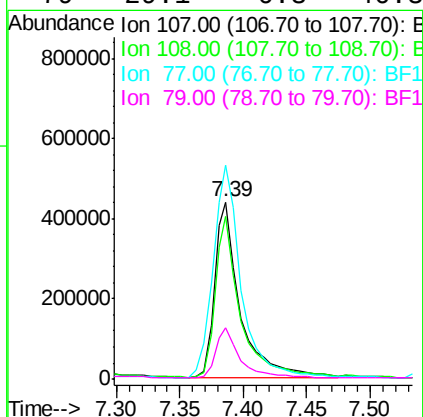
Instrument :
BNA_F
ClientSampleId :

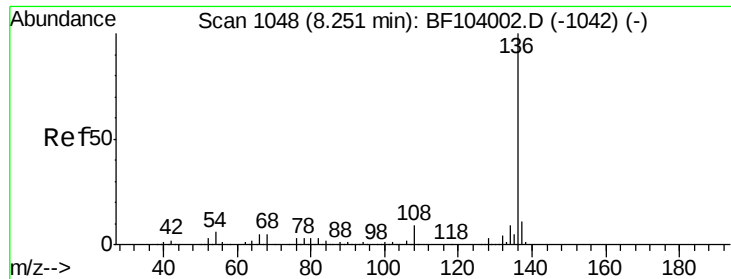
Tot Ion: 70 Resp: 430467
Ion Ratio Lower Upper
70 100
42 51.8 47.5 71.3
101 10.0 7.4 11.2
130 22.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 61.324 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion: 107 Resp: 614436
Ion Ratio Lower Upper
107 100
108 91.7 68.2 108.2
77 120.7 26.7 66.7#
79 29.1 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: BF104005.D

Acq: 28 Mar 2018 12:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 534867

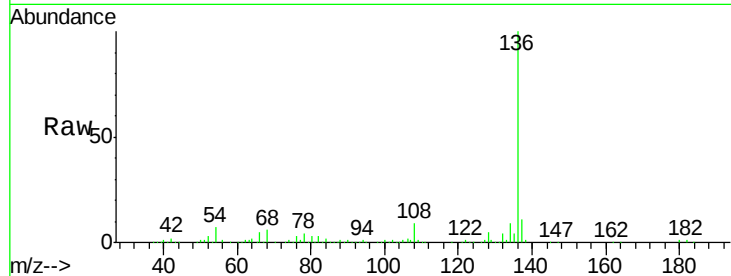
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.5 6.6 9.8#

68 5.8 5.0 7.4

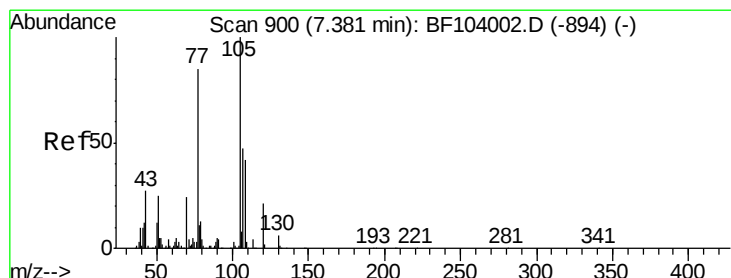
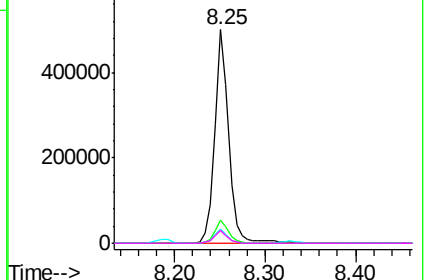
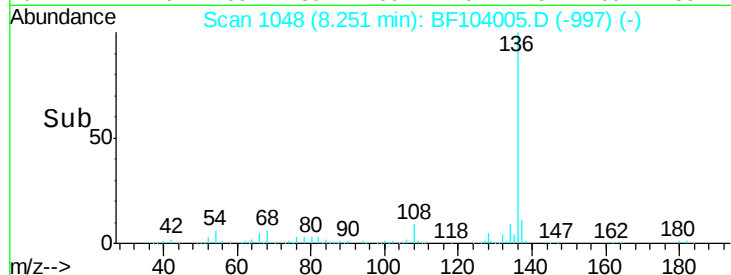


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.511 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

Tgt Ion:105 Resp: 900535

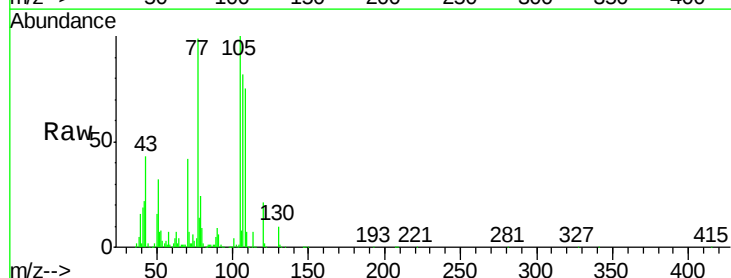
Ion Ratio Lower Upper

105 100

71 7.1 4.4 6.6#

51 31.7 22.3 33.5

120 21.5 16.9 25.3

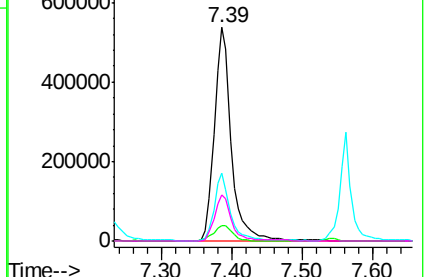
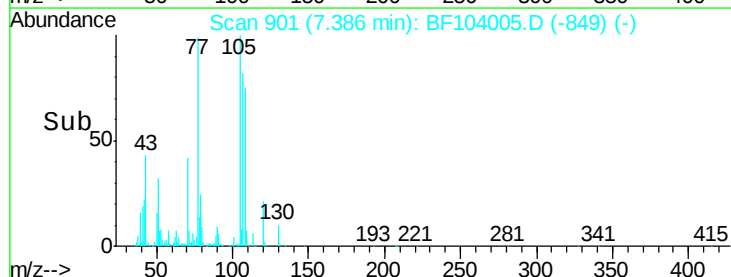


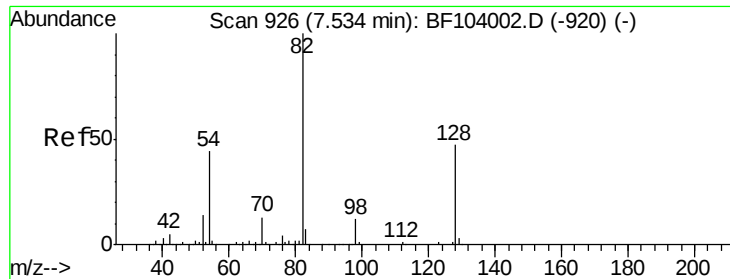
Abundance Ion 105.00 (104.70 to 105.70): E

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

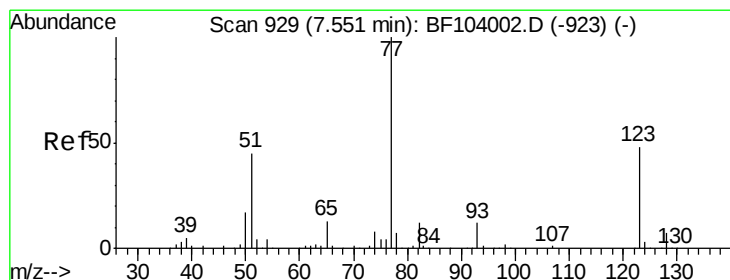
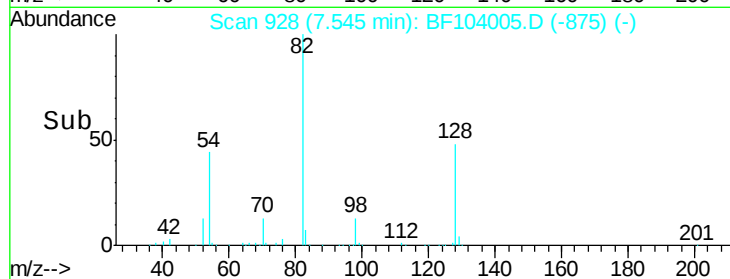
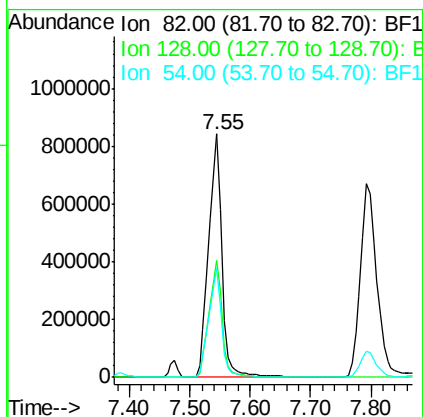
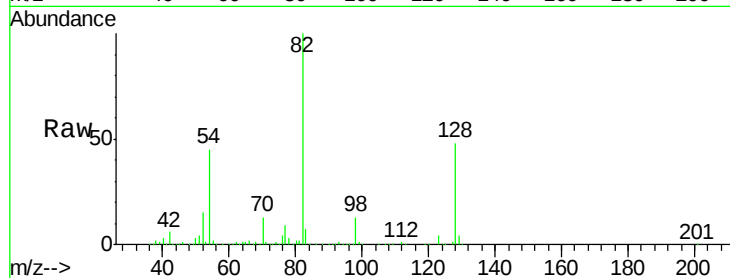




#23
Nitrobenzene-d5
Concen: 171.098 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

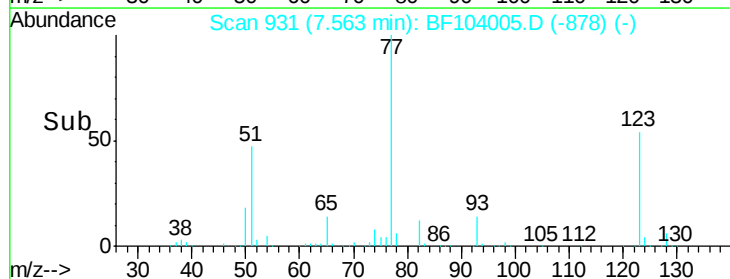
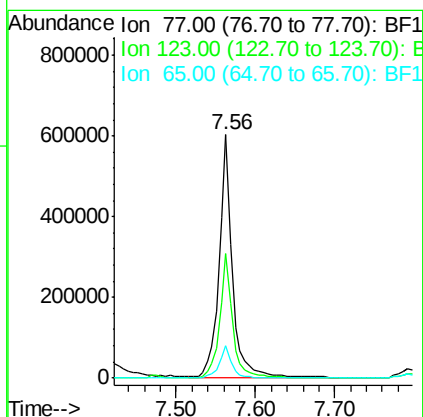
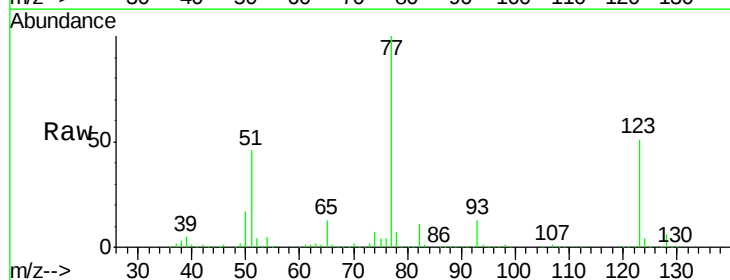
Instrument :
BNA_F
ClientSampleId :

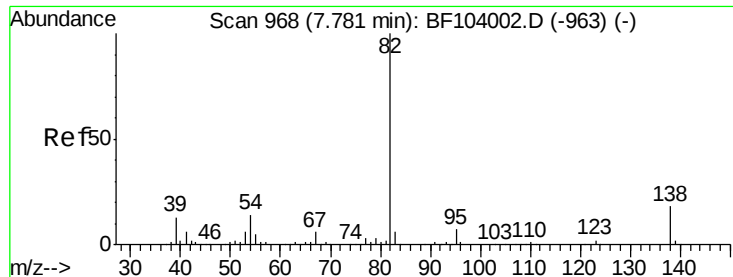
Tot Ion: 82 Resp: 1312306
Ion Ratio Lower Upper
82 100
128 48.1 36.1 54.1
54 44.7 41.4 62.2



#24
Nitrobenzene
Concen: 77.189 ng
RT: 7.56 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion: 77 Resp: 695047
Ion Ratio Lower Upper
77 100
123 51.3 37.9 56.9
65 13.4 11.0 16.4





#25

Isophorone

Concen: 71.950 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

Instrument :

BNA_F

ClientSampleId :

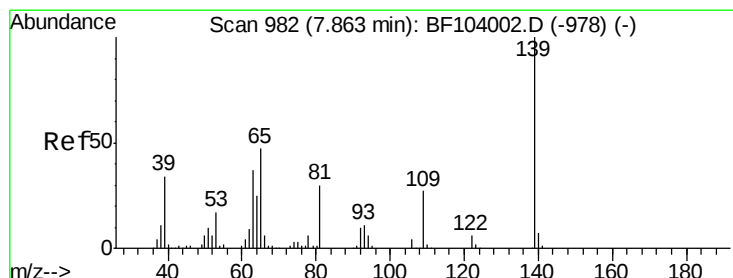
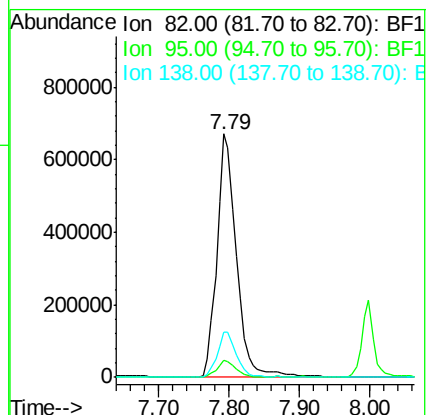
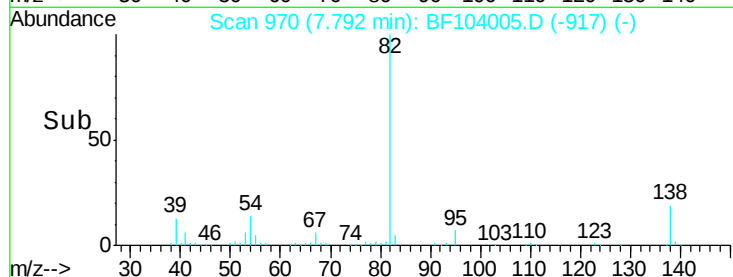
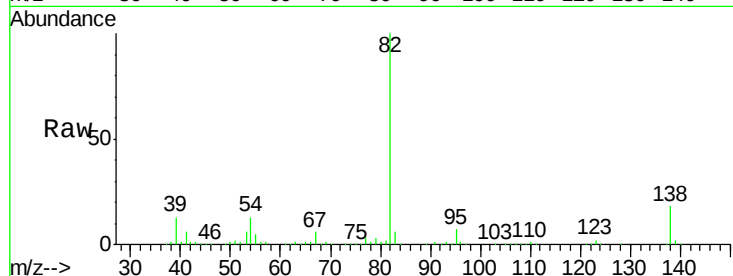
Tot Ion: 82 Resp: 1277488

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 129.229 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

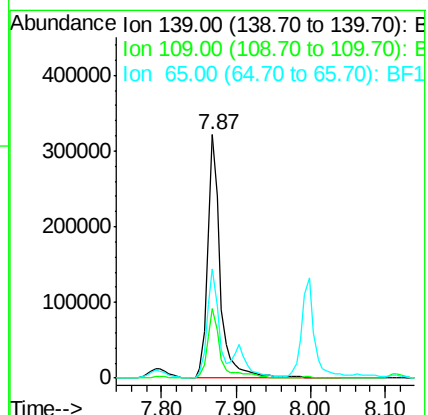
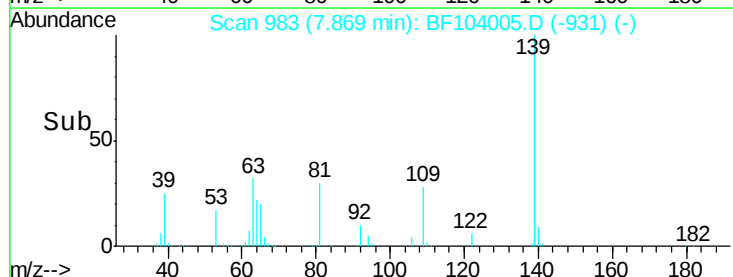
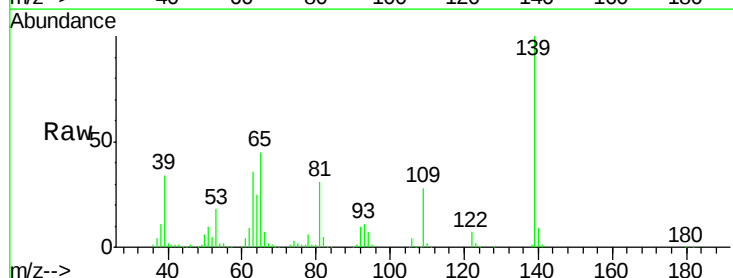
Tgt Ion: 139 Resp: 380476

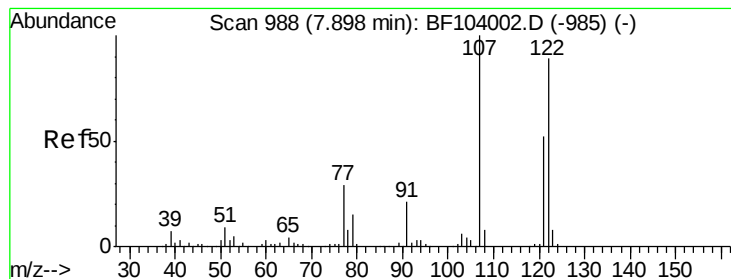
Ion Ratio Lower Upper

139 100

109 28.3 22.7 34.1

65 45.1 40.5 60.7

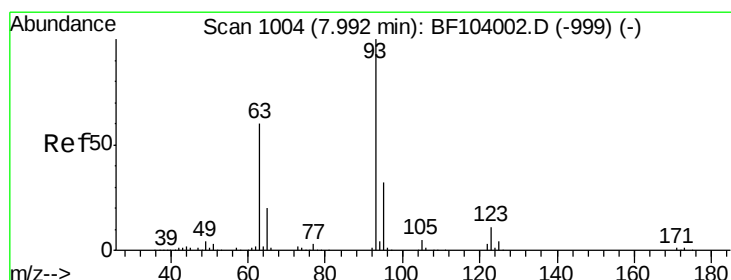
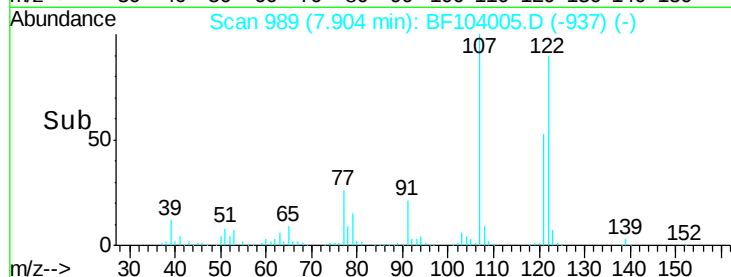
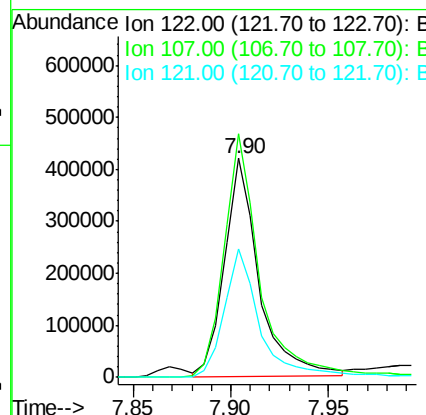
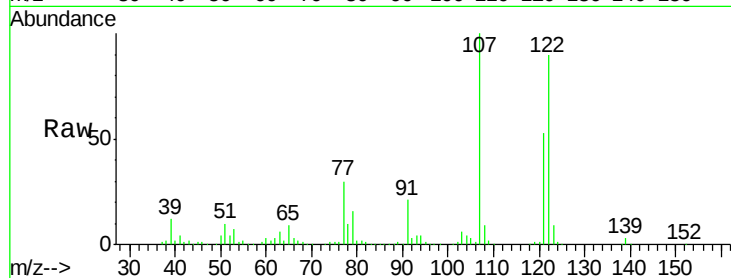




#27
 2,4-Dimethylphenol
 Concen: 68.313 ng
 RT: 7.90 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

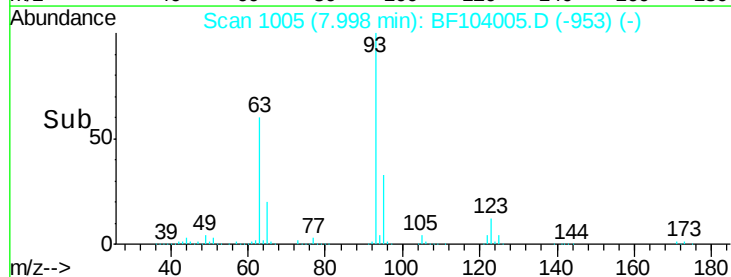
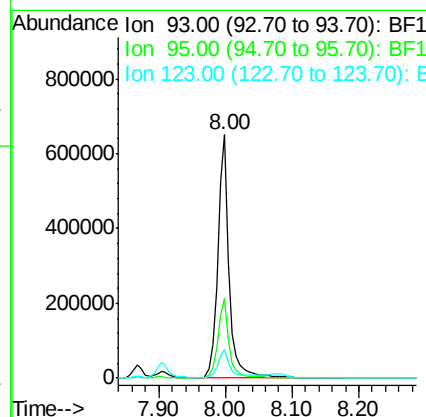
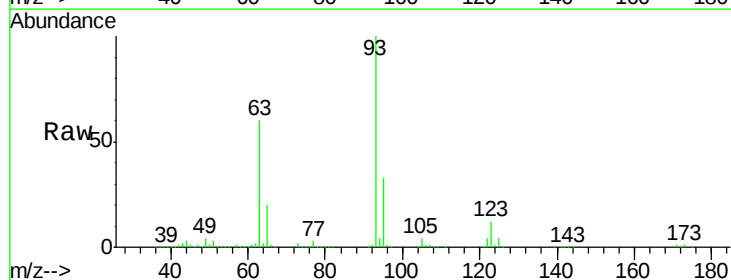
Instrument :
 BNA_F
 ClientSampled :

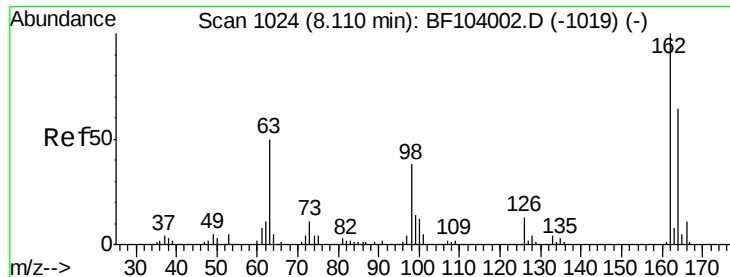
Tot Ion:122 Resp: 519617
 Ion Ratio Lower Upper
 122 100
 107 111.3 91.2 136.8
 121 58.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 71.292 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Tgt Ion: 93 Resp: 766497
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.3 39.5
 123 12.0 9.8 14.6

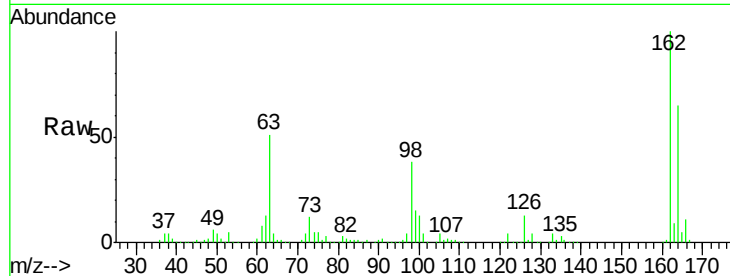




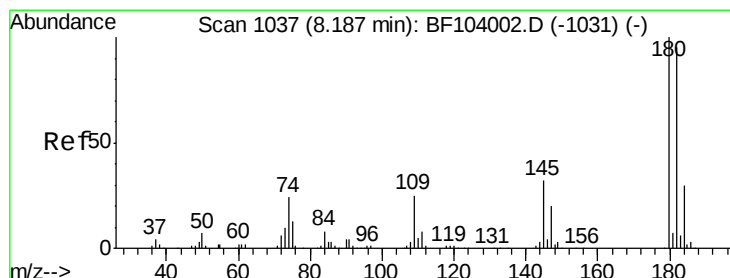
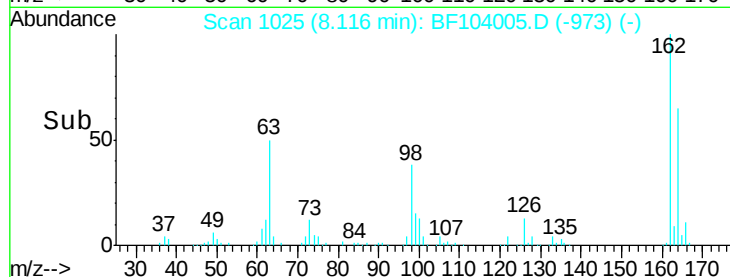
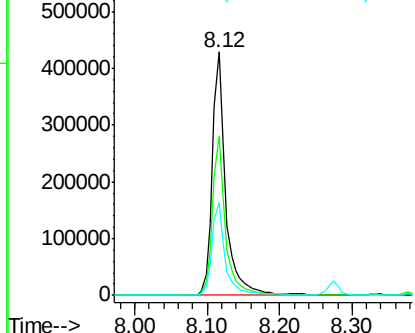
#29
2,4-Dichlorophenol
Concen: 80.363 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 556124
Ion Ratio Lower Upper
162 100
164 65.3 42.7 82.7
98 37.8 18.1 58.1

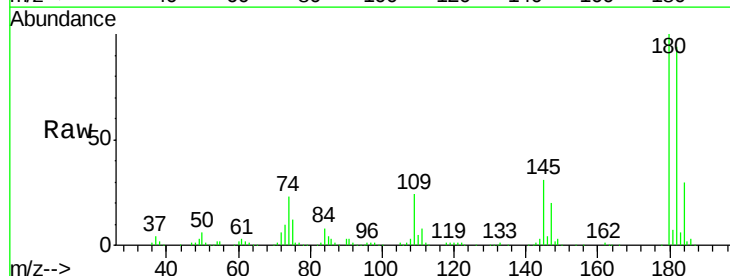


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

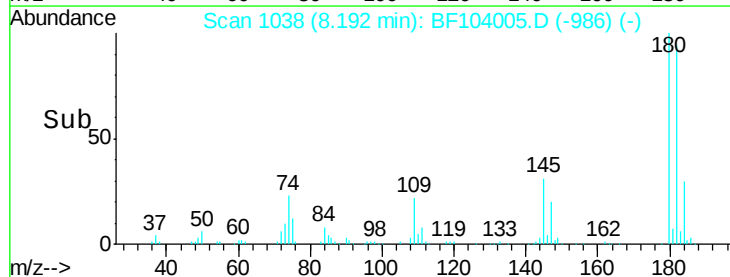
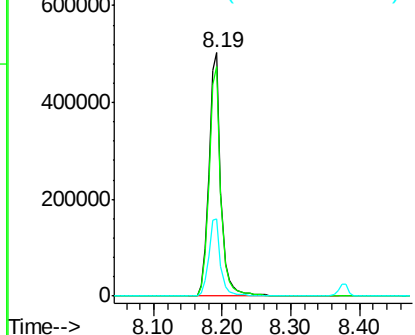


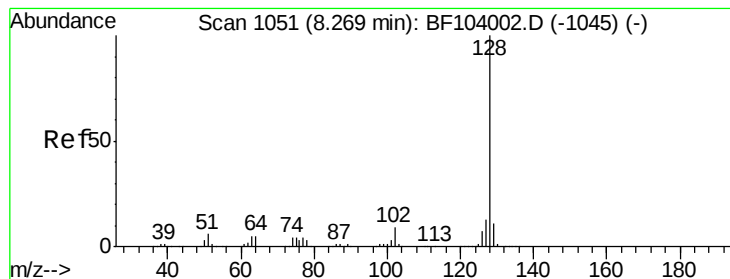
#30
1,2,4-Trichlorobenzene
Concen: 76.218 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion:180 Resp: 611751
Ion Ratio Lower Upper
180 100
182 94.1 76.8 115.2
145 31.5 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: 69.744 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

Instrument :

BNA_F

ClientSampleId :

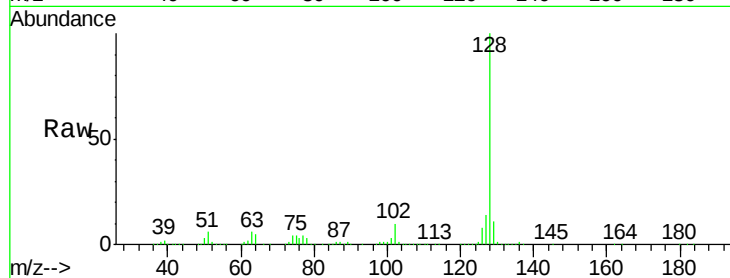
Tot Ion:128 Resp: 1884397

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

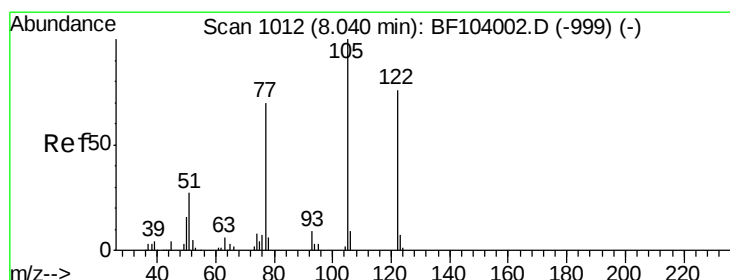
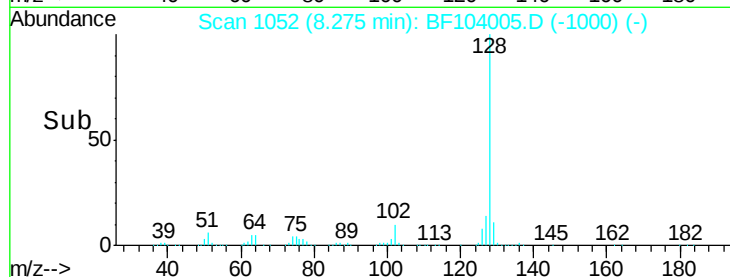
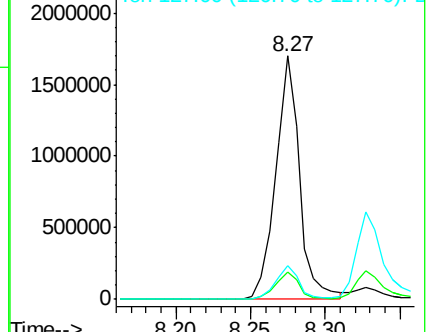
127 13.8 10.9 16.3



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: 114.293 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.04 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

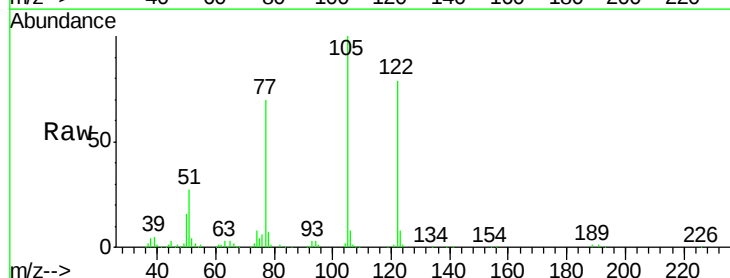
Tgt Ion:122 Resp: 521328

Ion Ratio Lower Upper

122 100

105 126.4 101.1 141.1

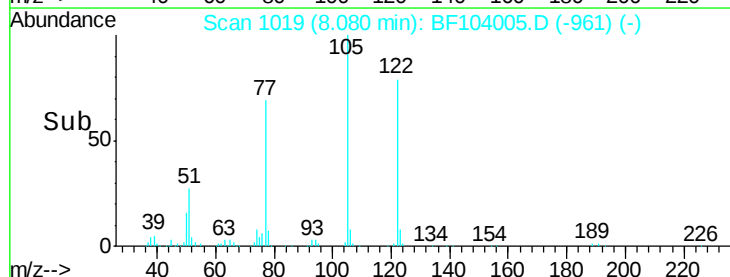
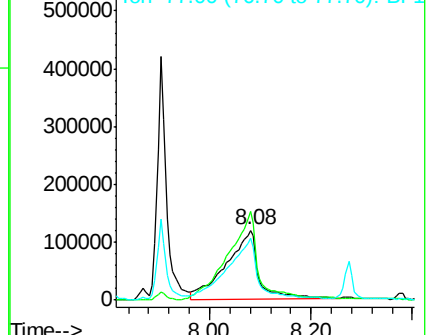
77 88.0 70.7 110.7

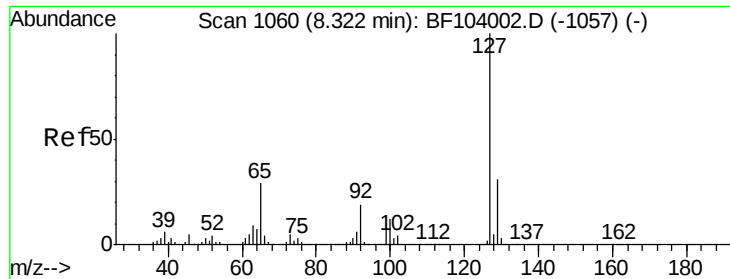


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

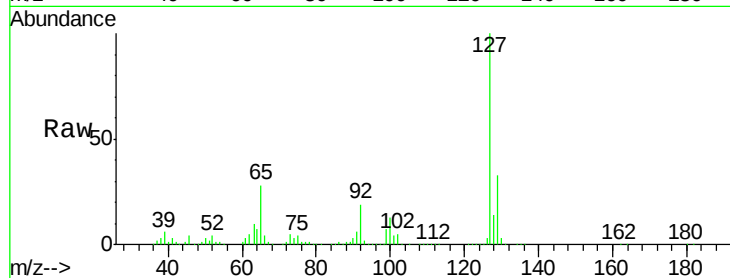




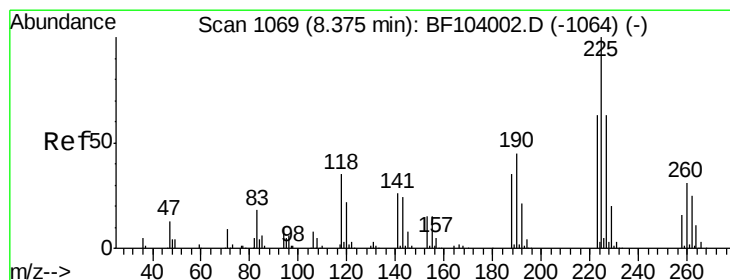
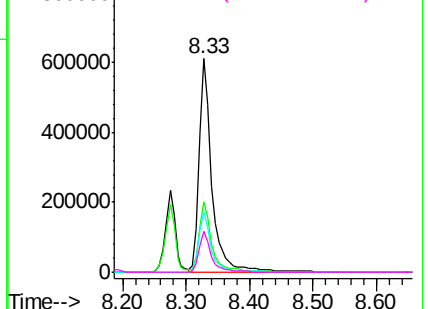
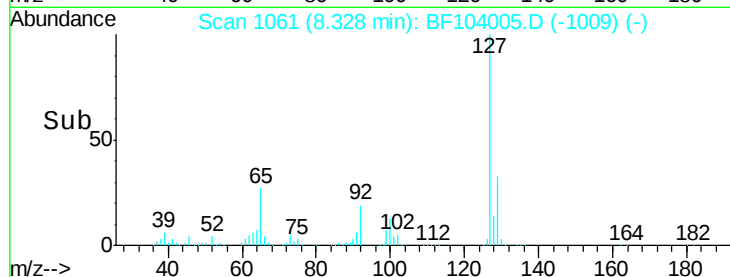
#33
4-Chloroaniline
Concen: 73.690 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	835297
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	28.1	25.0	37.4
92	19.3	15.2	22.8

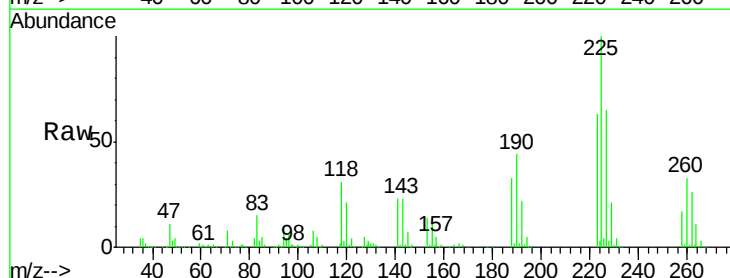


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

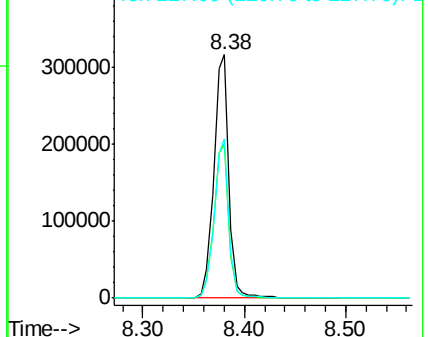
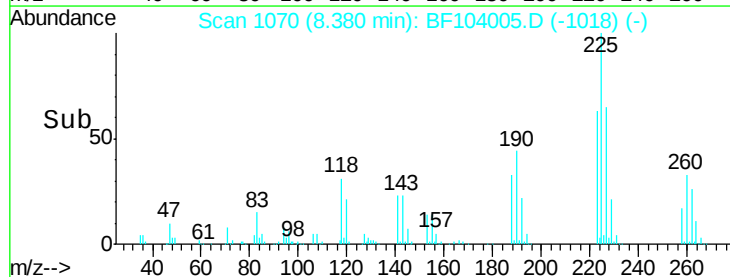


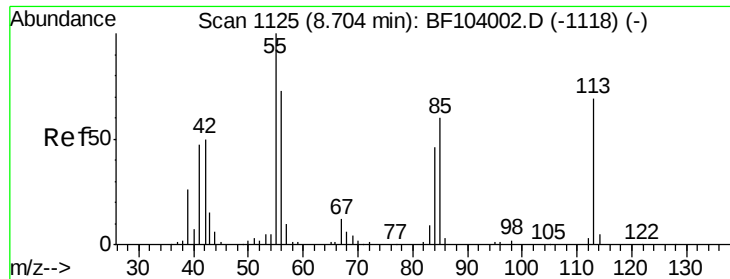
#34
Hexachlorobutadiene
Concen: 73.871 ng
RT: 8.38 min Scan# 1070
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion:	225	Resp:	325081
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	65.5	51.9	77.9



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





#35

Caprolactam

Concen: 73.586 ng

RT: 8.73 min Scan# 1130

Delta R.T. 0.03 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

Instrument :

BNA_F

ClientSampleId :

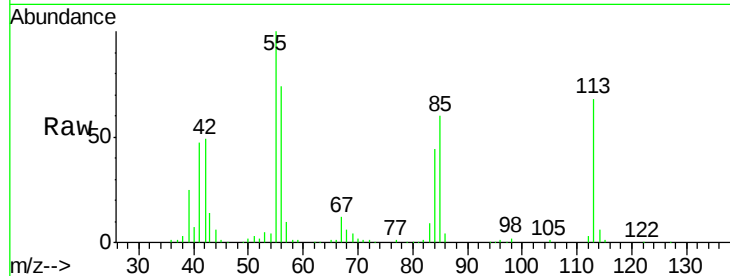
Tot Ion:113 Resp: 175349

Ion Ratio Lower Upper

113 100

55 147.2 163.3 203.3#

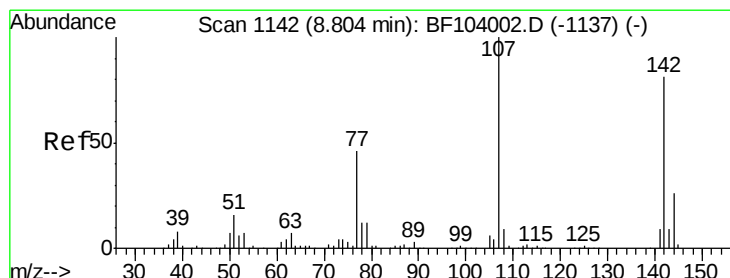
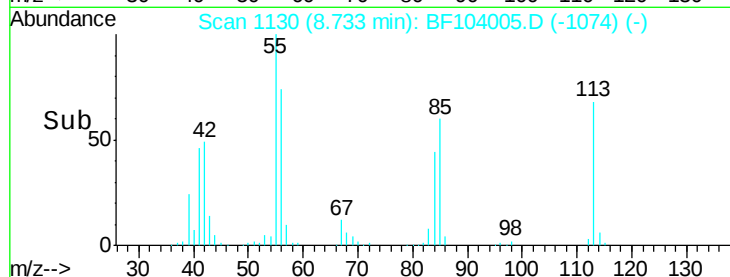
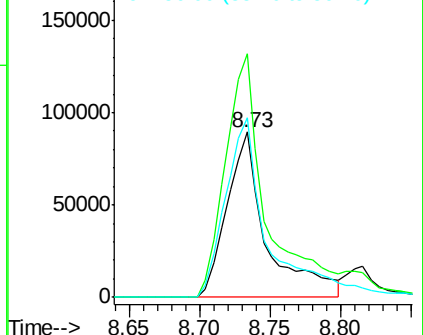
56 108.6 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 76.751 ng

RT: 8.82 min Scan# 1144

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

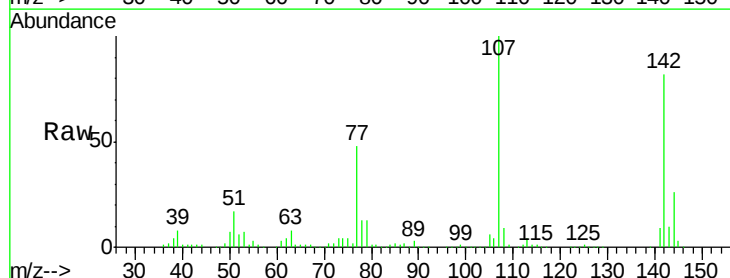
Tgt Ion:107 Resp: 585526

Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

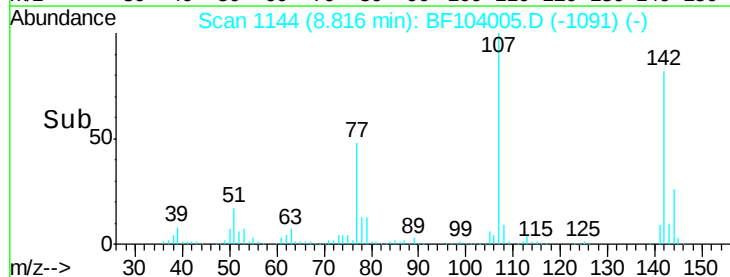
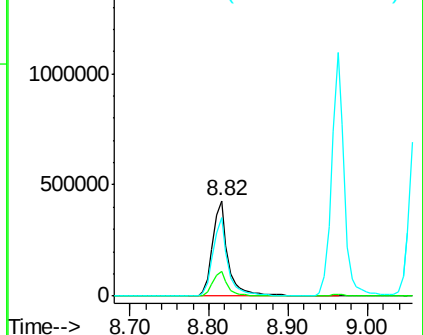
142 81.6 62.0 93.0

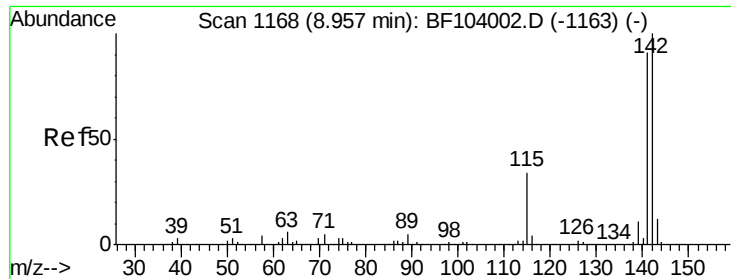


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

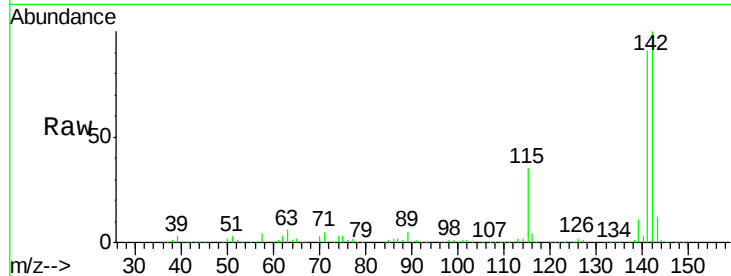




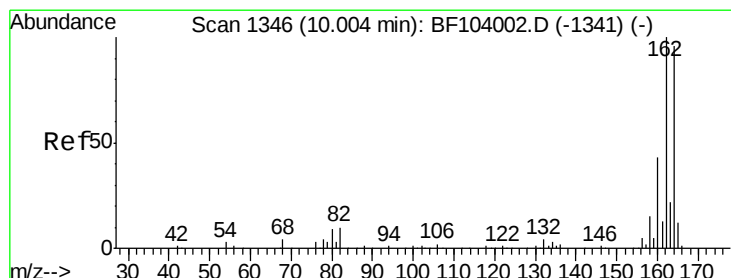
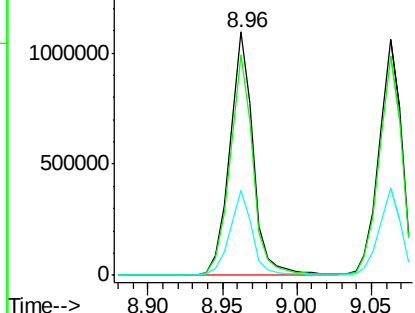
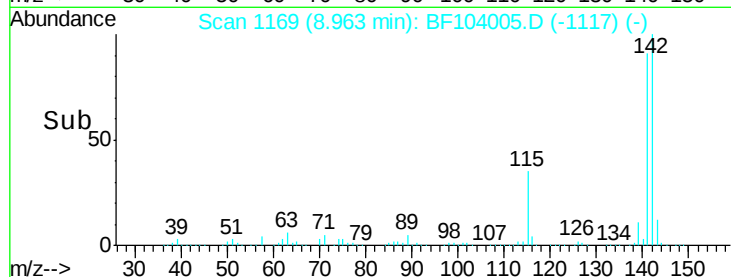
#37
2-Methylnaphthalene
Concen: 71.155 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 1219174
Ion Ratio Lower Upper
142 100
141 90.7 70.8 106.2
115 34.9 26.1 39.1

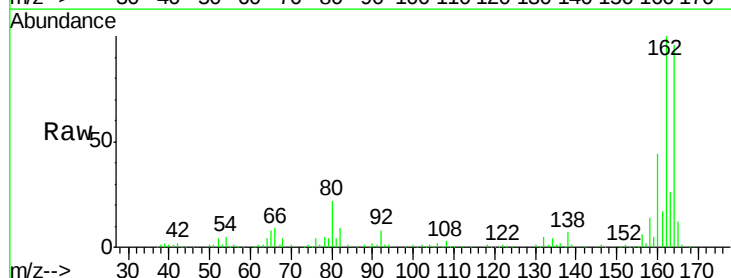


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

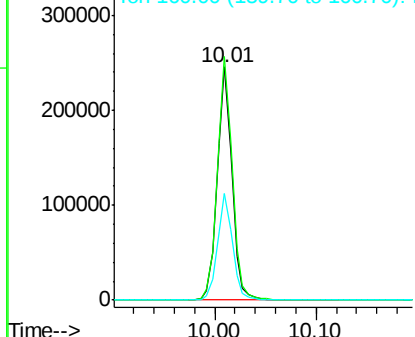
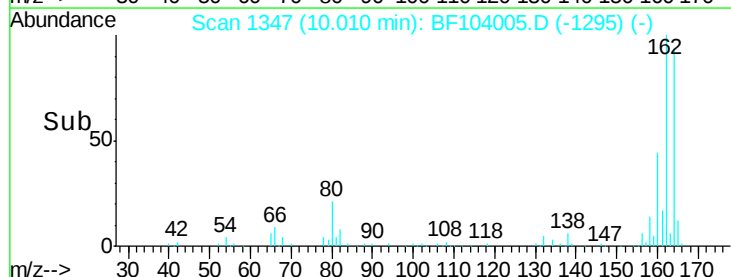


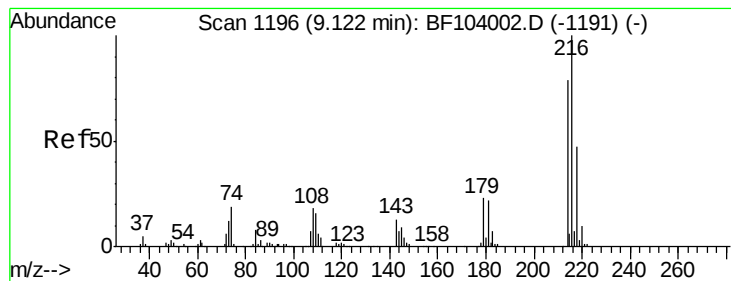
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion:164 Resp: 249861
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 45.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 78.563 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 560013

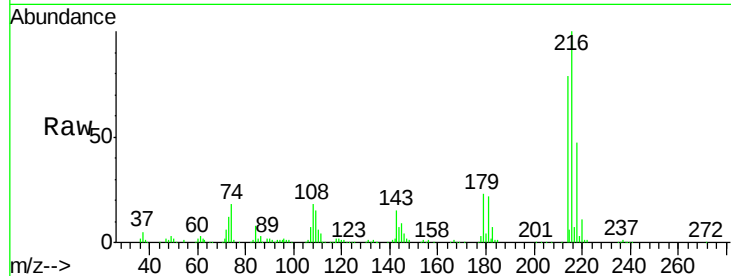
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 22.2 18.1 27.1

108 19.2 17.2 25.8

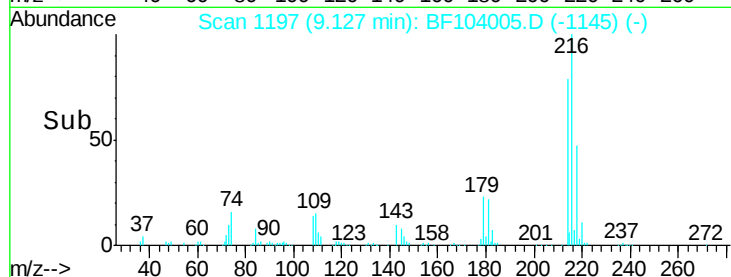


Abundance Ion 216.00 (215.70 to 216.70): E

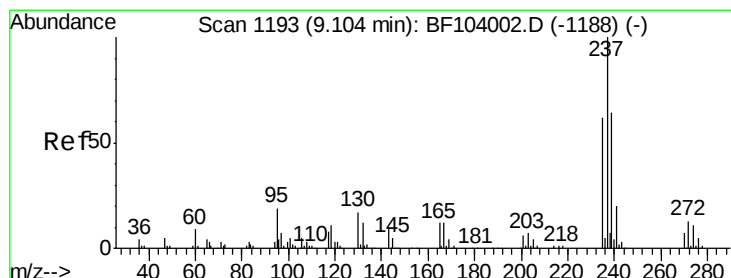
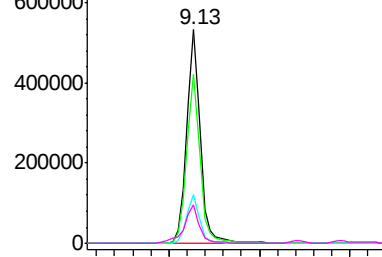
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 79.087 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

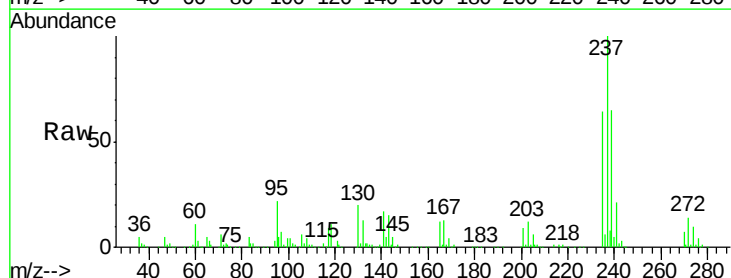
Tgt Ion:237 Resp: 290898

Ion Ratio Lower Upper

237 100

235 63.5 44.8 84.8

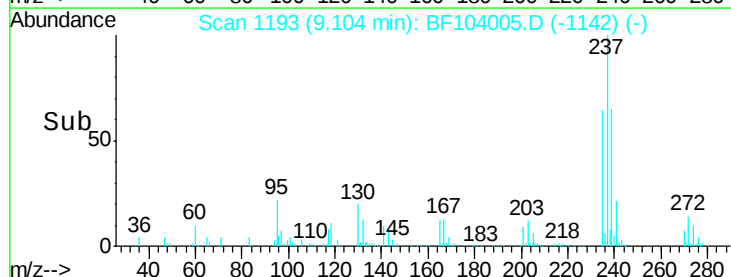
272 13.9 0.0 33.3



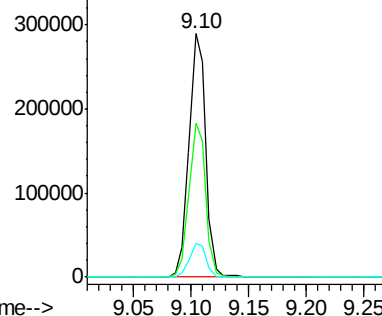
Abundance Ion 236.80 (236.50 to 237.50): E

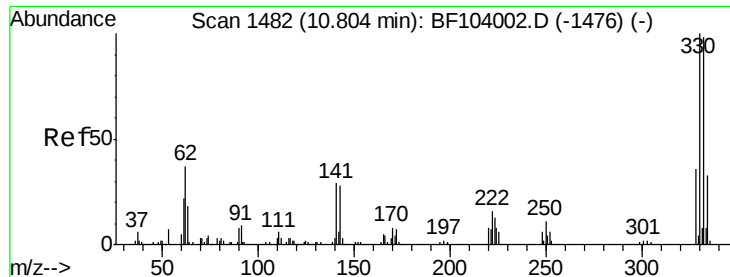
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

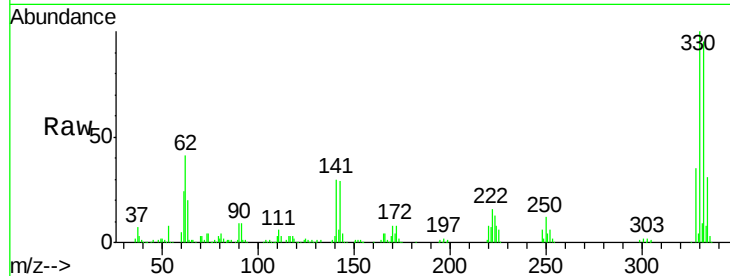




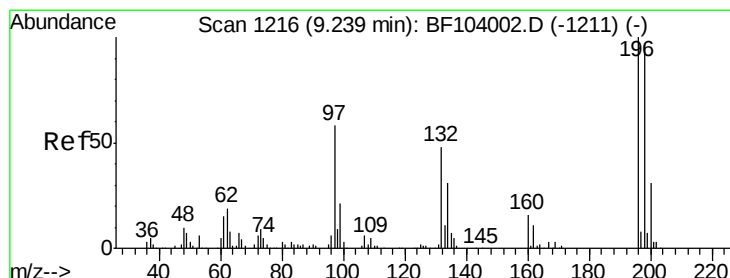
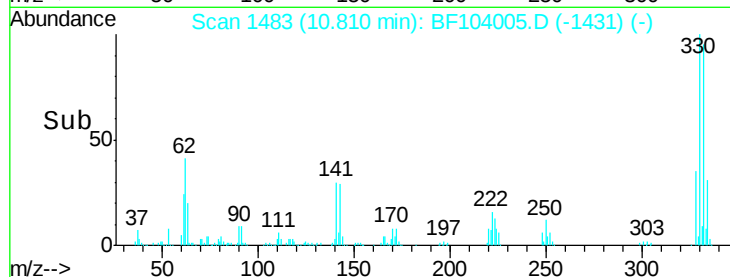
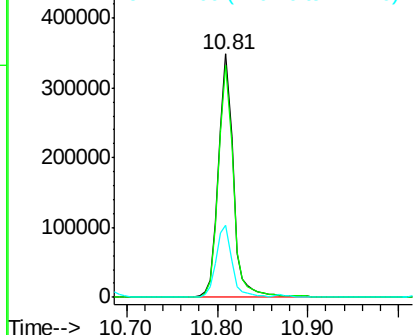
#41
 2,4,6-Tribromophenol
 Concen: 184.612 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 396605
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 31.5 29.9 44.9

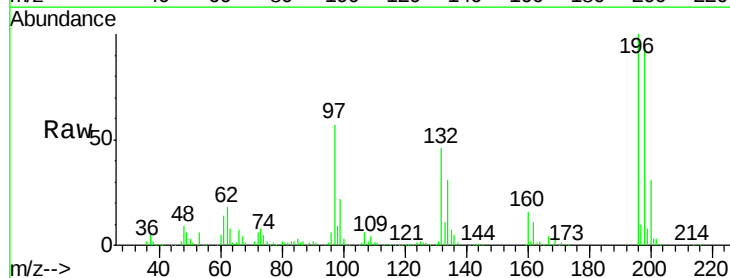


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

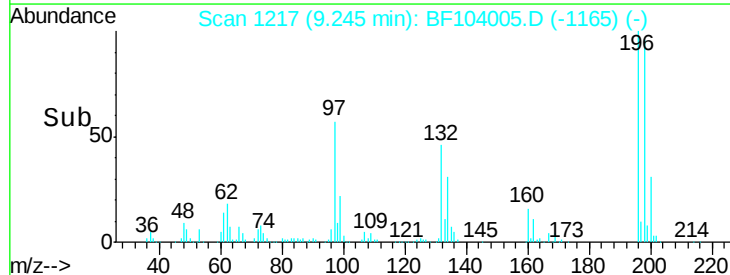
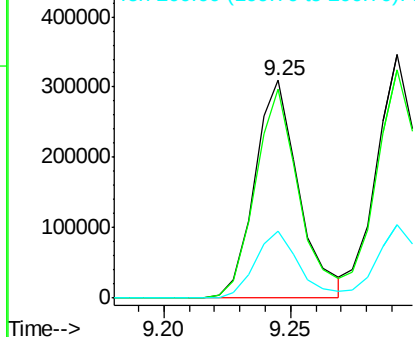


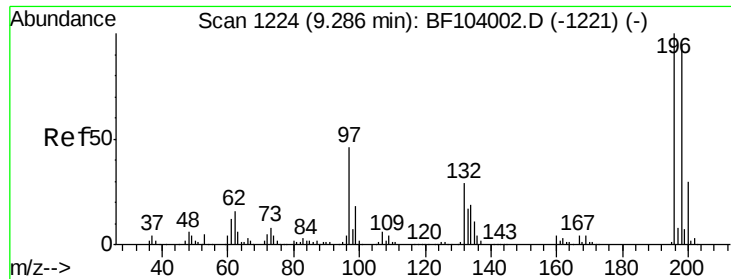
#42
 2,4,6-Trichlorophenol
 Concen: 82.412 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Tgt Ion:196 Resp: 375750
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.7 113.5
 200 31.1 24.5 36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

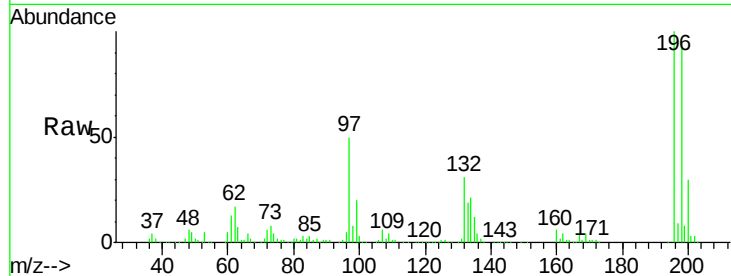




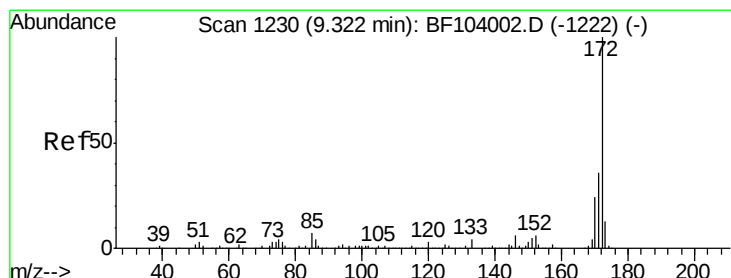
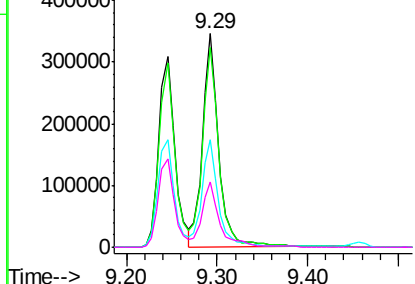
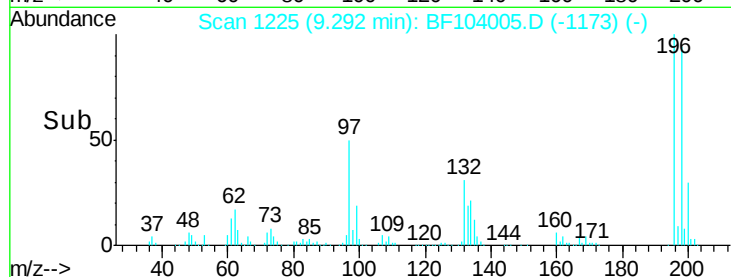
#43
 2,4,5-Trichlorophenol
 Concen: 84.940 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 437114
 Ion Ratio Lower Upper
 196 100
 198 93.5 74.6 112.0
 97 50.1 42.9 64.3
 132 30.7 26.3 39.5

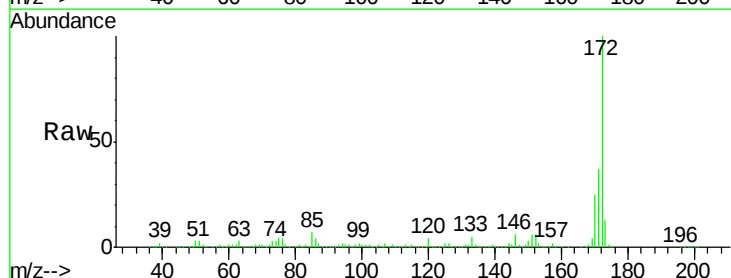


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

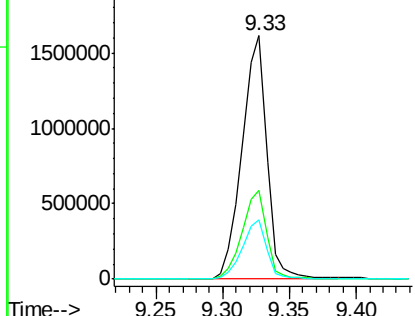
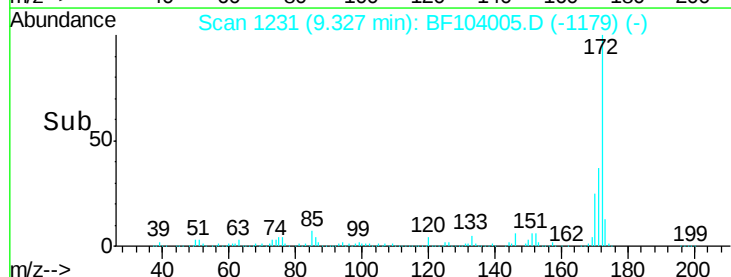


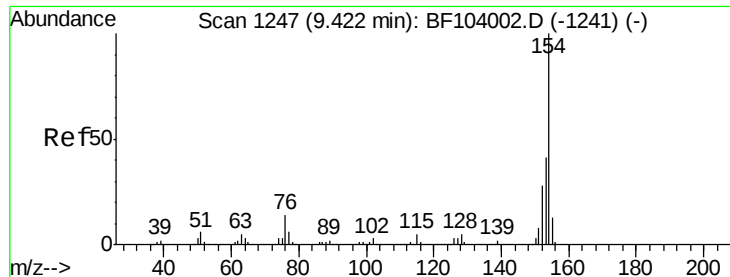
#44
 2-Fluorobiphenyl
 Concen: 132.994 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Tgt Ion:172 Resp: 2083187
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.5 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

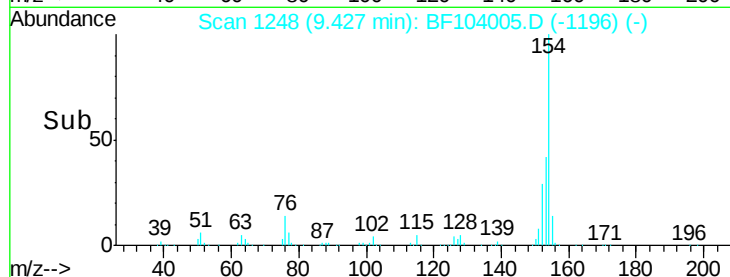
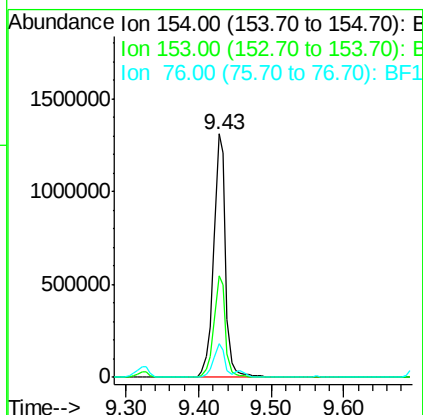
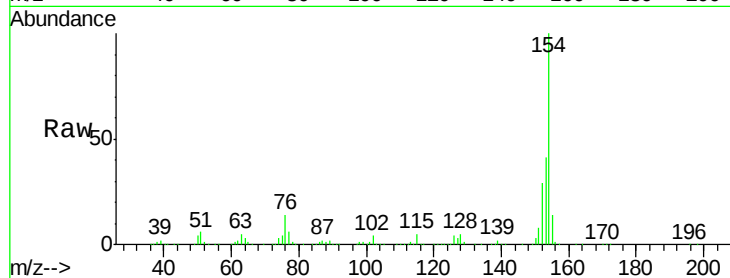




#45
 1,1'-Biphenyl
 Concen: 71.295 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

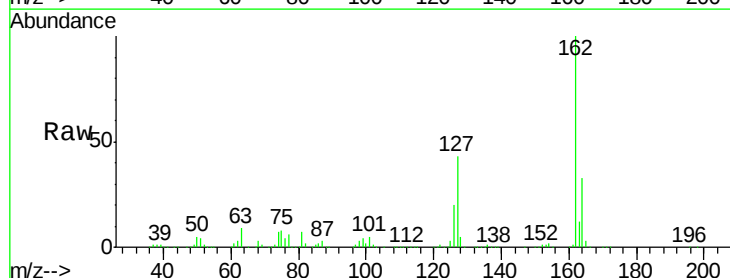
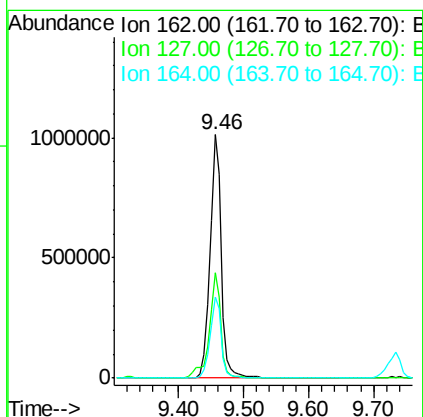
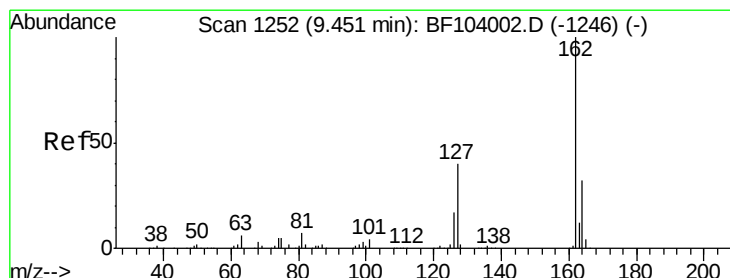
Instrument :
 BNA_F
 ClientSampleId :

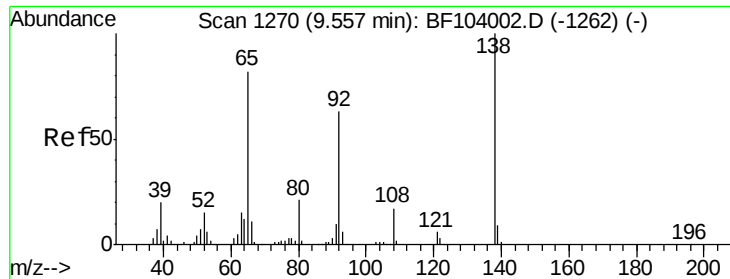
Tot Ion:154 Resp: 1485414
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.3 61.3
 76 13.7 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 72.865 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Tgt Ion:162 Resp: 1205784
 Ion Ratio Lower Upper
 162 100
 127 43.2 33.9 50.9
 164 33.2 26.5 39.7

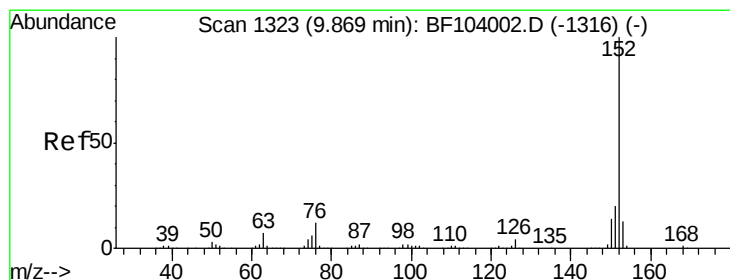
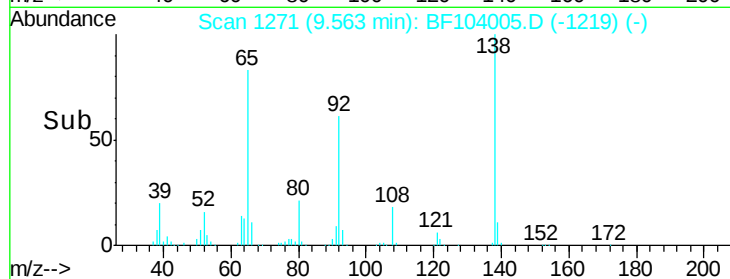
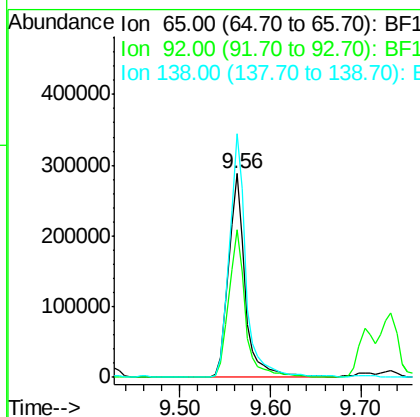
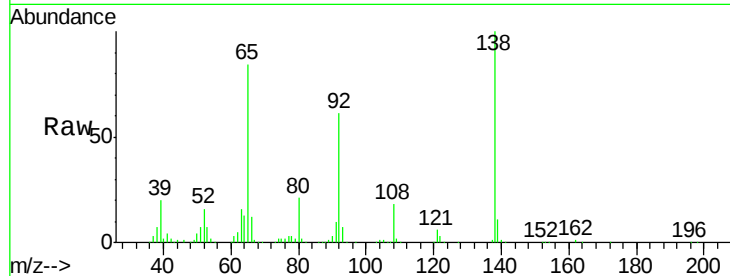




#47
 2-Nitroaniline
 Concen: 95.683 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

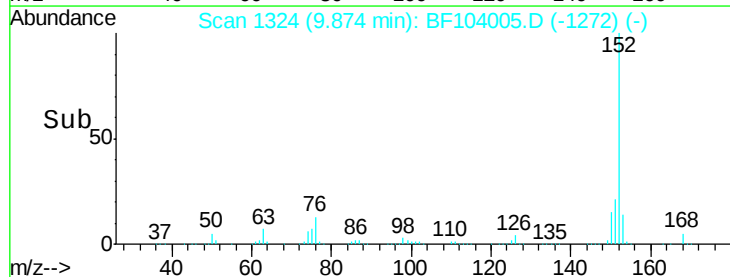
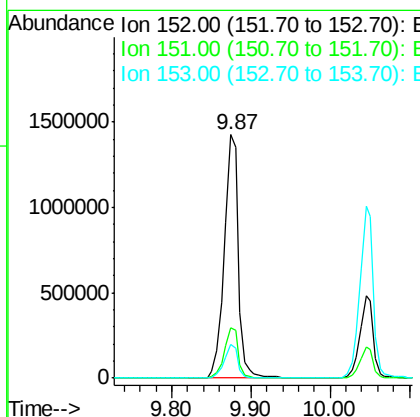
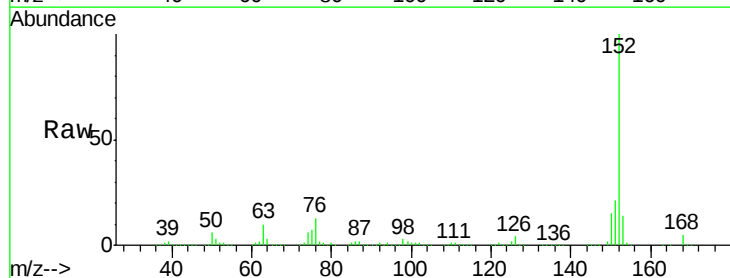
Instrument :
 BNA_F
 ClientSampled :

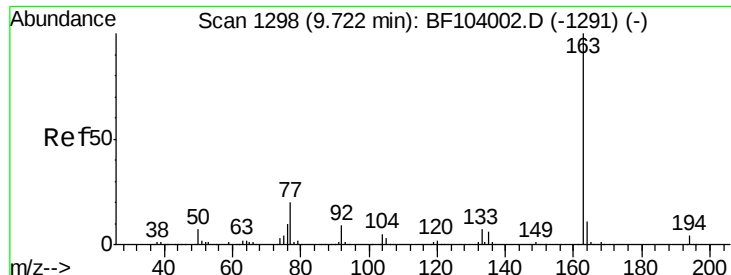
Tot Ion: 65 Resp: 369809
 Ion Ratio Lower Upper
 65 100
 92 72.8 55.8 83.6
 138 119.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 68.549 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Tgt Ion: 152 Resp: 1759049
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 13.7 10.7 16.1

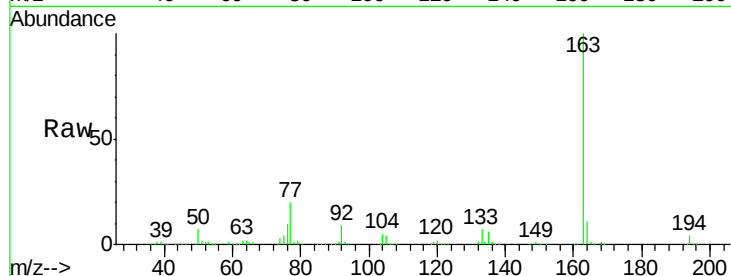




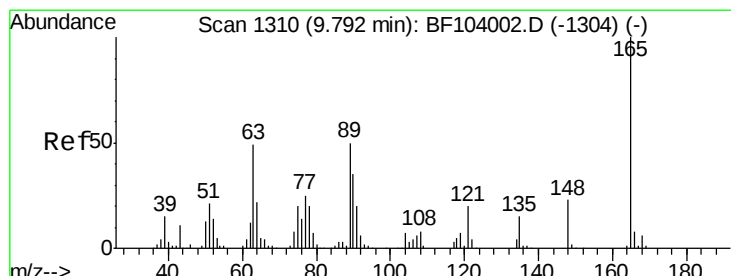
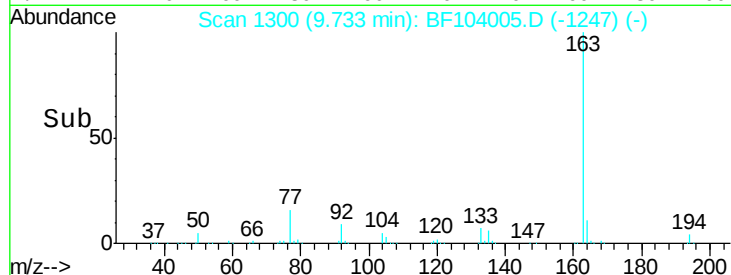
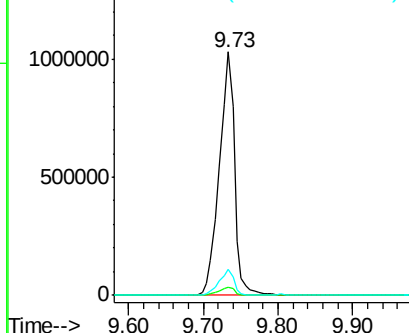
#49
Dimethylphthalate
Concen: 76.890 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1465763
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.5 8.2 12.2

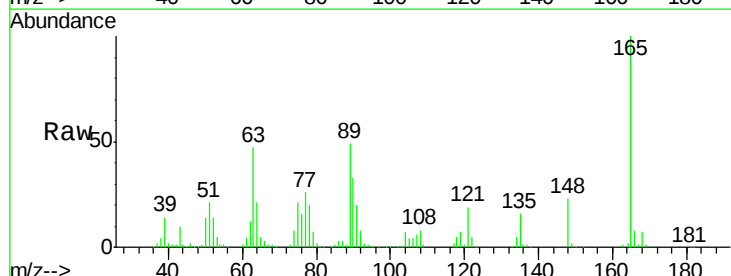


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

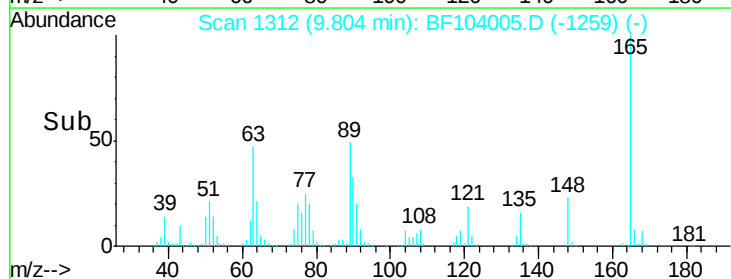
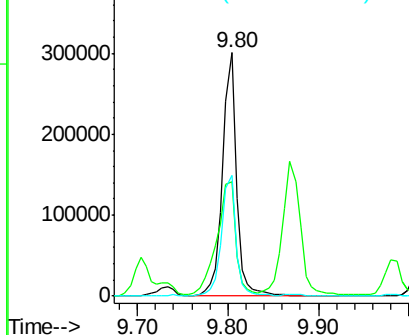


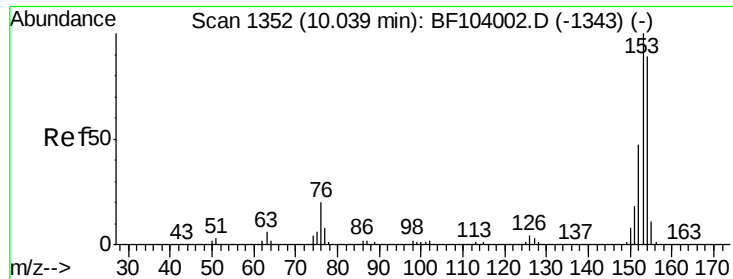
#50
2,6-Dinitrotoluene
Concen: 92.772 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion:165 Resp: 317777
Ion Ratio Lower Upper
165 100
63 47.2 44.7 67.1
89 49.3 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: 67.072 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

Instrument :

BNA_F

ClientSampleId :

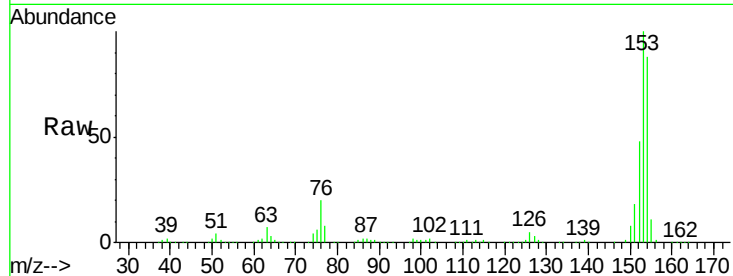
Tot Ion:154 Resp: 1021963

Ion Ratio Lower Upper

154 100

153 113.8 91.2 136.8

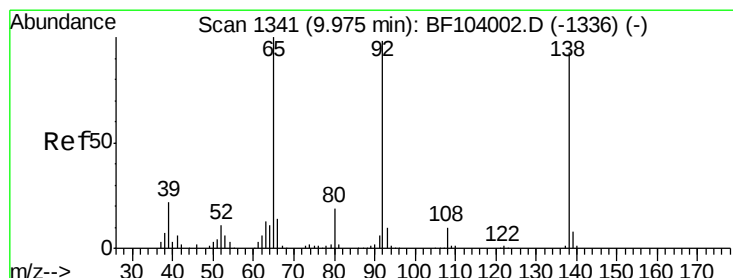
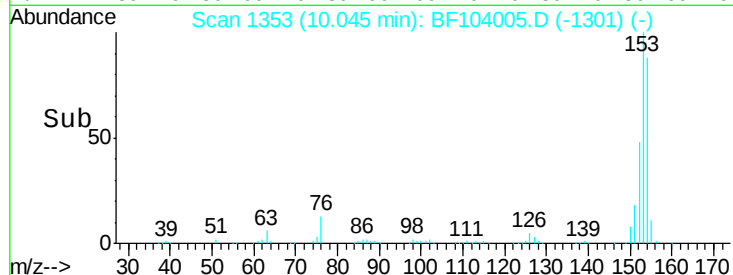
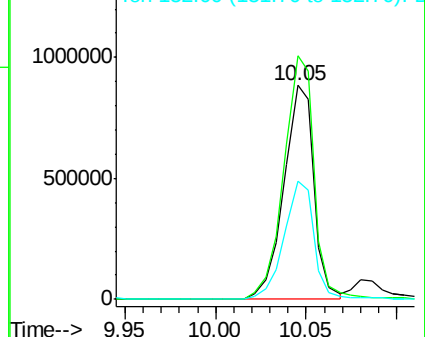
152 55.0 43.8 65.8



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: 89.357 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

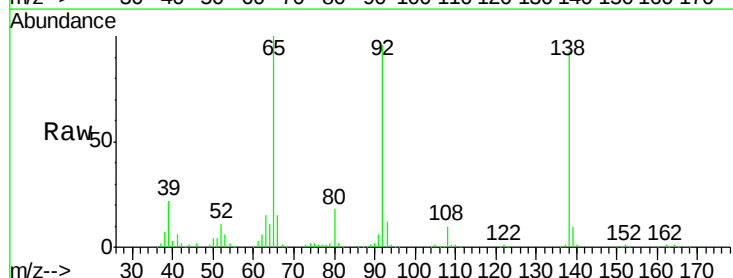
Tgt Ion:138 Resp: 369611

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

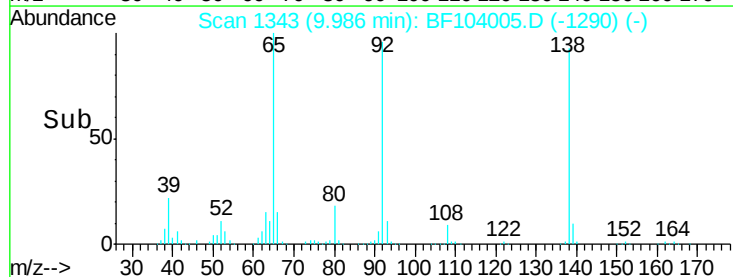
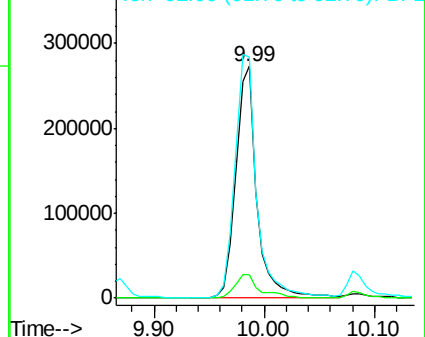
92 103.7 89.4 134.2

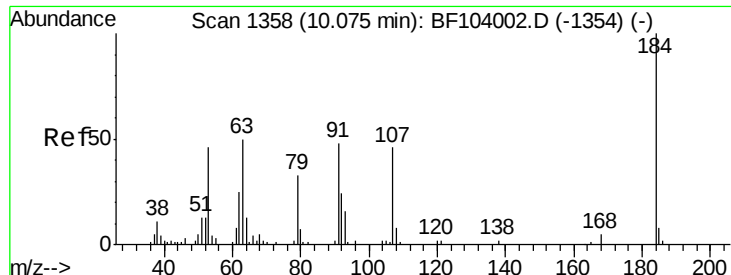


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 210.022 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

Instrument :

BNA_F

ClientSampled :

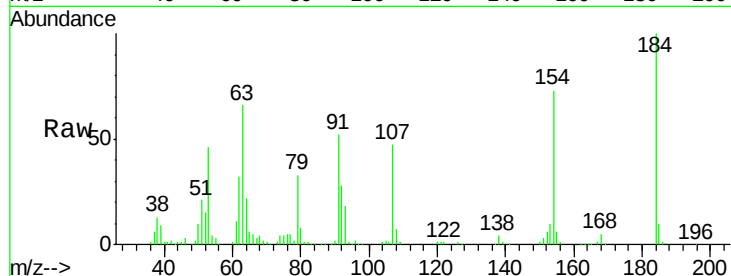
Tot Ion:184 Resp: 149129

Ion Ratio Lower Upper

184 100

63 66.2 54.2 81.2

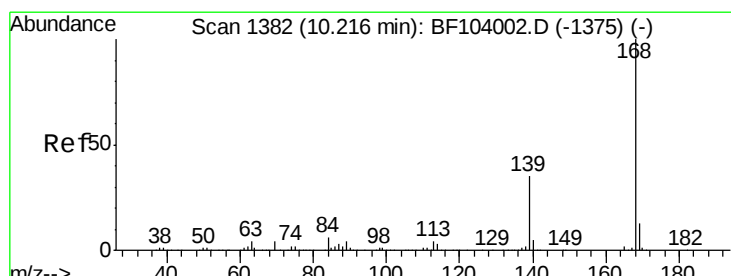
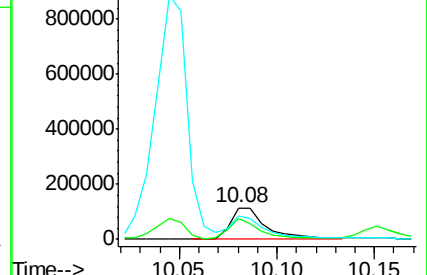
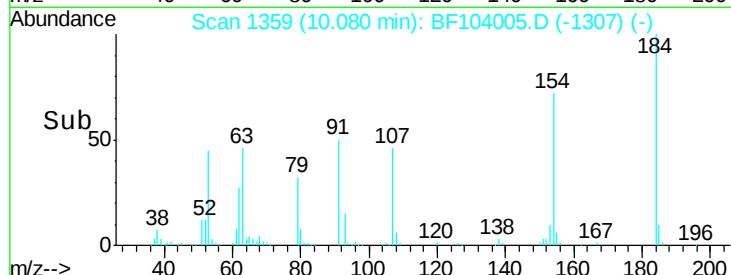
154 72.6 184.0 276.0#



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: 66.564 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

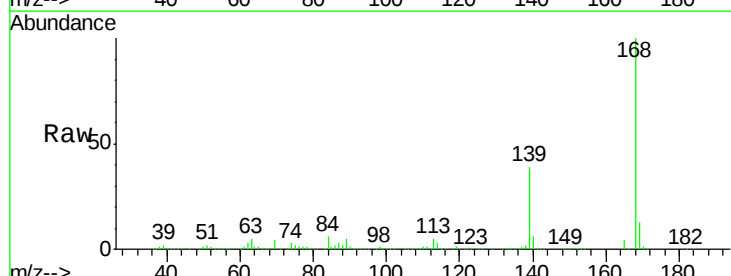
Tgt Ion:168 Resp: 1448540

Ion Ratio Lower Upper

168 100

139 38.6 30.1 45.1

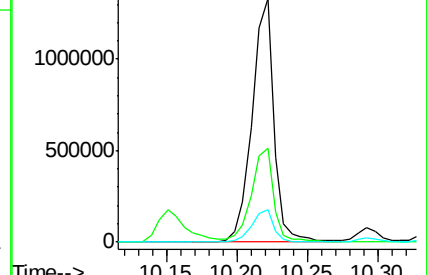
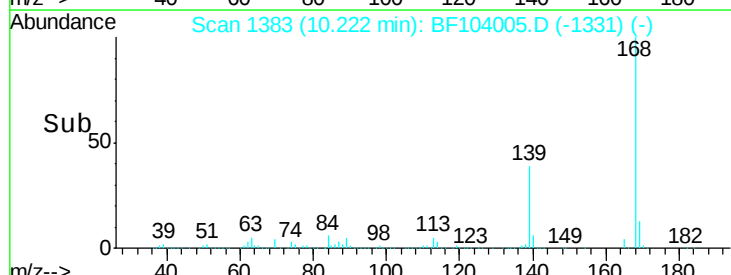
169 13.3 10.9 16.3

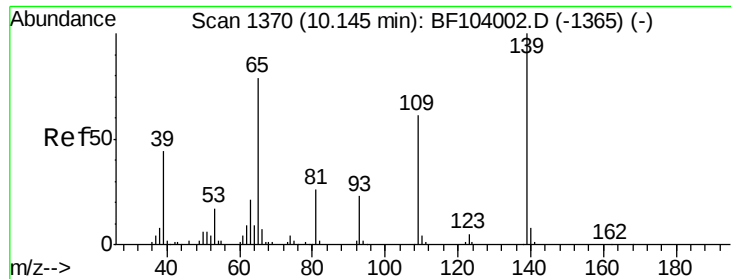


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

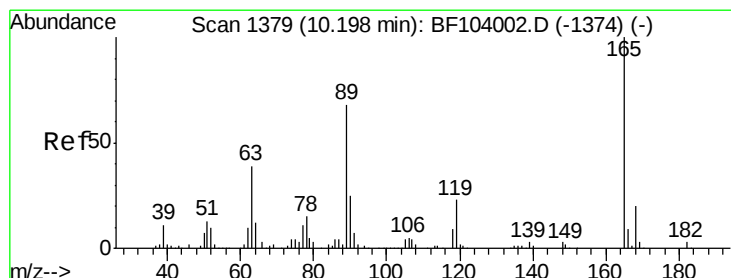
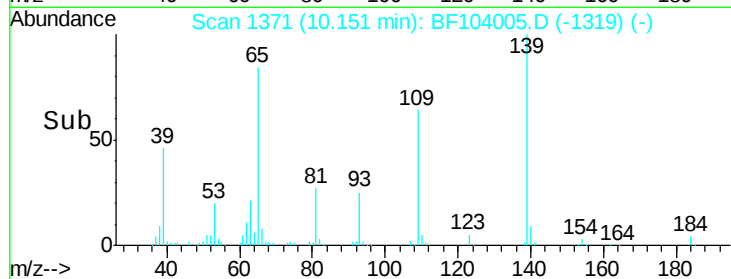
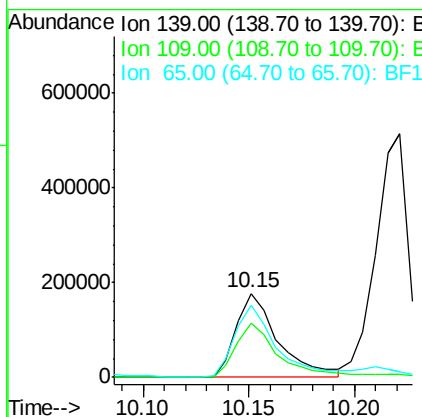
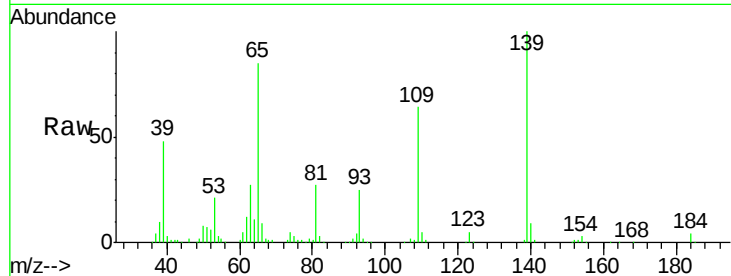




#55
4-Nitrophenol
Concen: 80.492 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

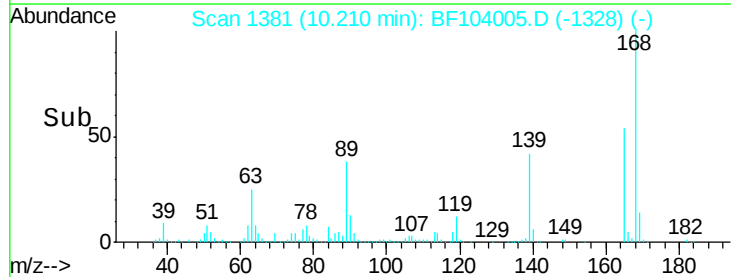
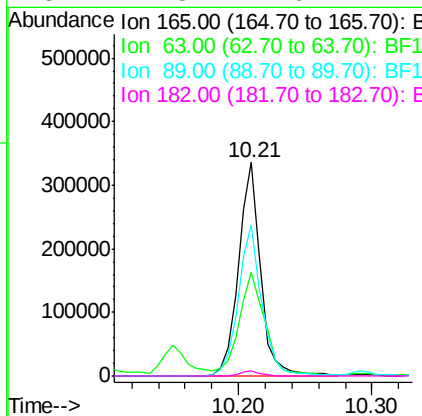
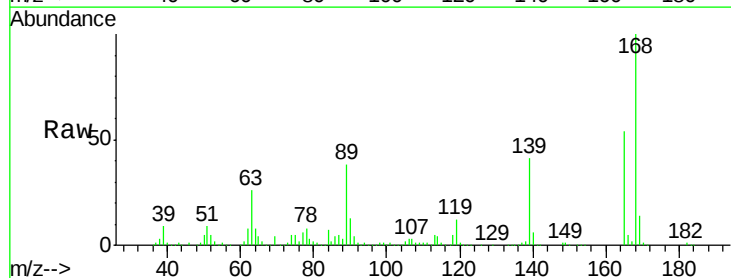
Instrument :
BNA_F
ClientSampleId :

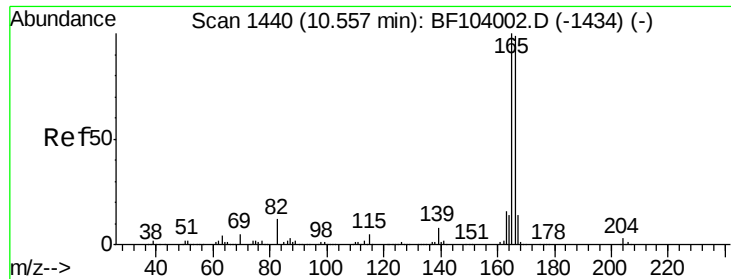
Tot Ion:139 Resp: 246719
Ion Ratio Lower Upper
139 100
109 64.3 48.4 88.4
65 84.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 92.066 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion:165 Resp: 386855
Ion Ratio Lower Upper
165 100
63 48.5 36.4 54.6
89 70.5 57.8 86.6
182 2.3 1.6 2.4

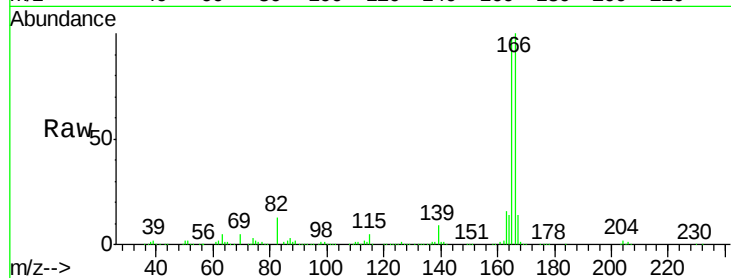




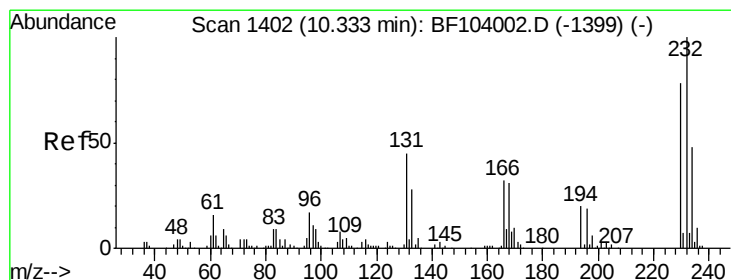
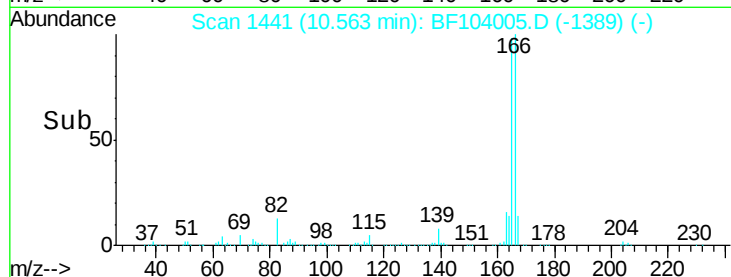
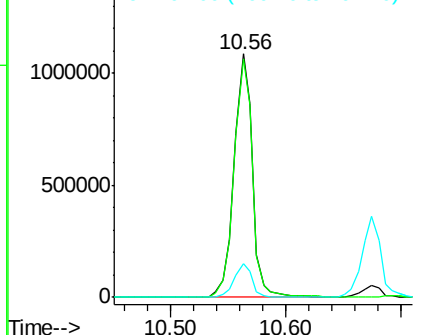
#57
 Fluorene
 Concen: 70.924 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 1197646
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.8 119.8
 167 13.8 10.6 16.0

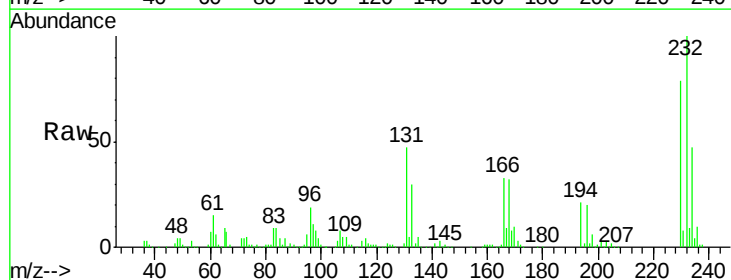


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

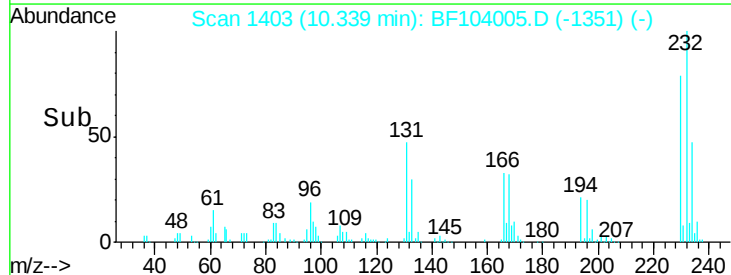
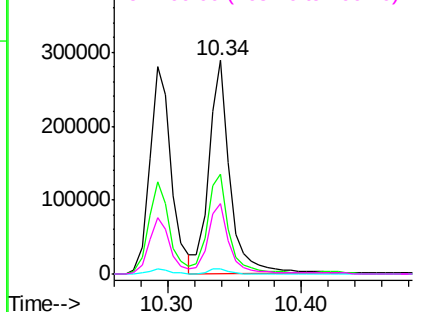


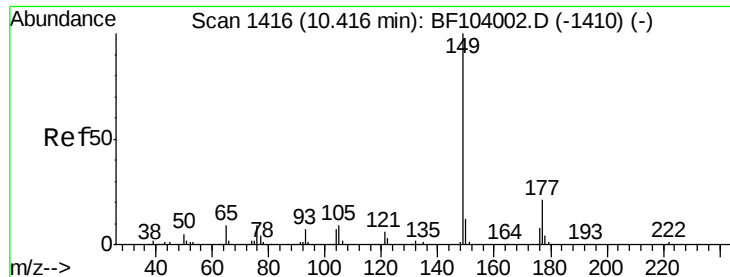
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 86.813 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Tgt Ion:232 Resp: 316560
 Ion Ratio Lower Upper
 232 100
 131 48.8 43.8 65.8
 130 2.4 2.1 3.1
 166 32.5 27.8 41.6



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

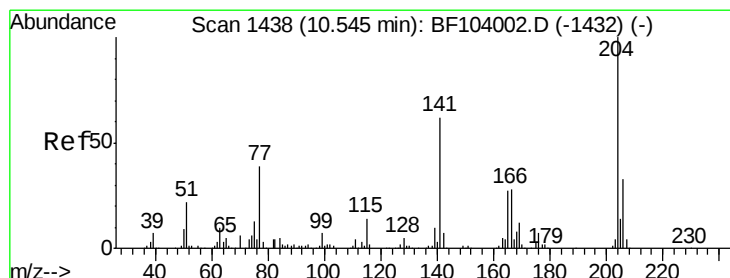
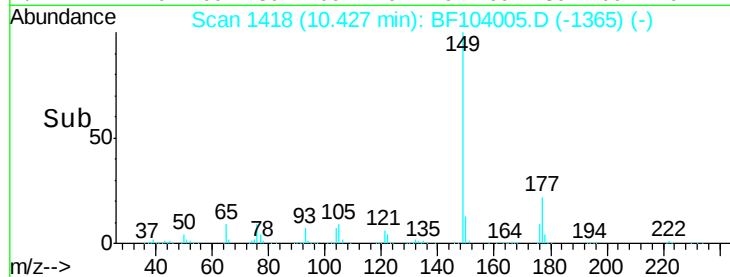
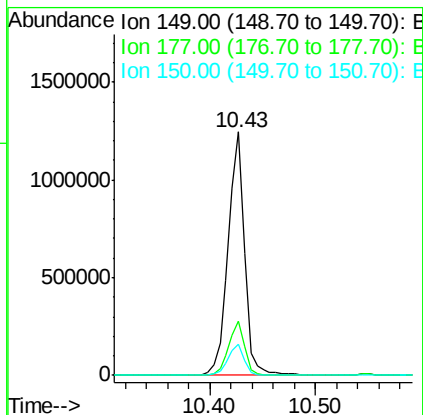
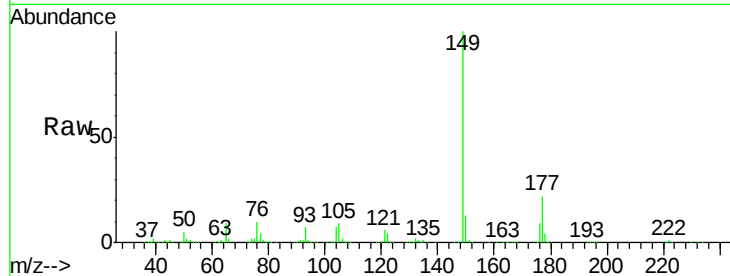




#59
Diethylphthalate
Concen: 71.042 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

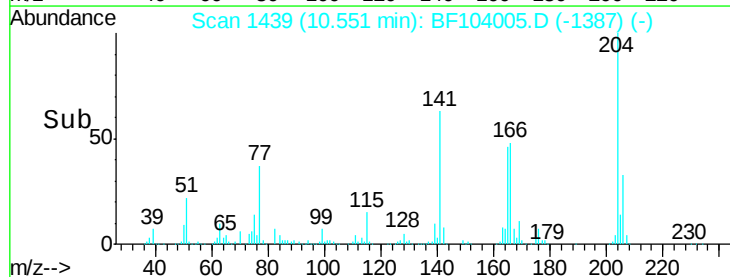
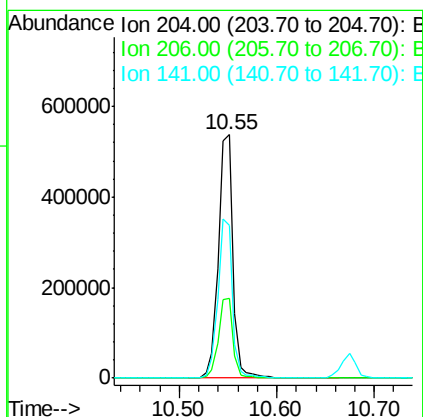
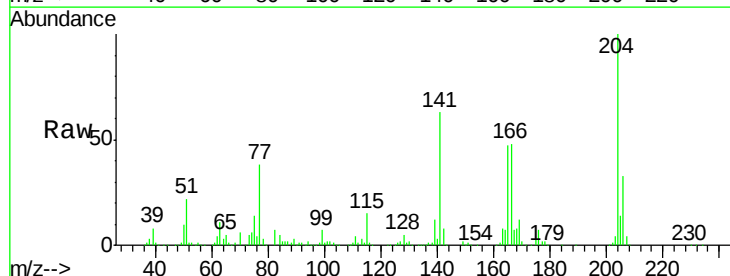
Instrument :
BNA_F
ClientSampleId :

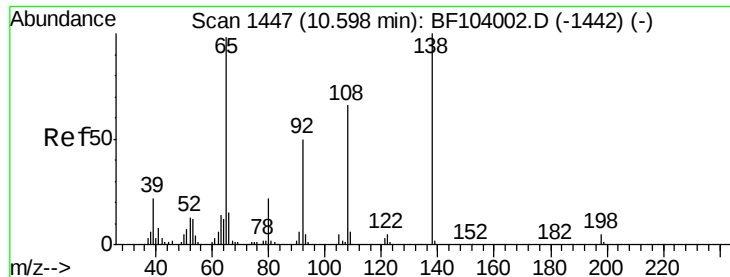
Tot Ion:149 Resp: 1344162
Ion Ratio Lower Upper
149 100
177 22.0 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 72.239 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion:204 Resp: 557488
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 62.6 54.6 81.8

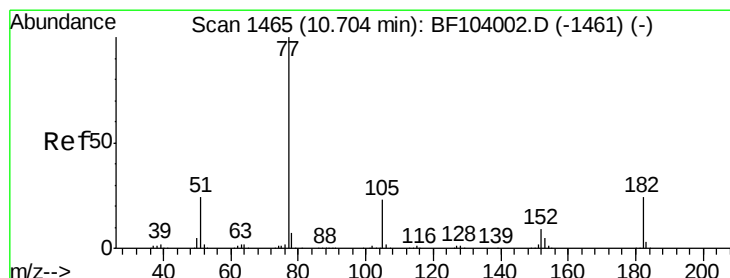
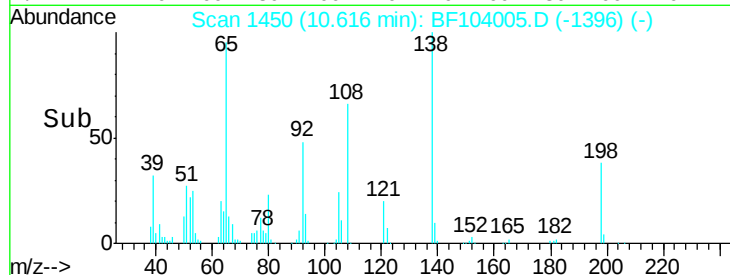
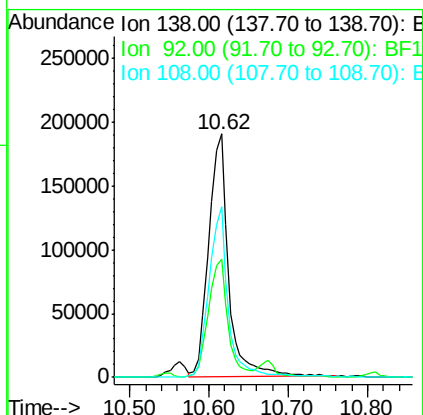
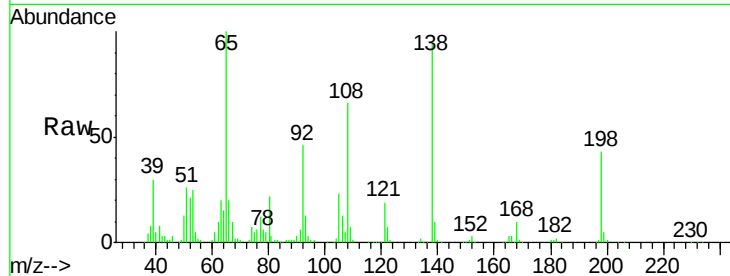




#61
4-Nitroaniline
Concen: 84.111 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.02 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

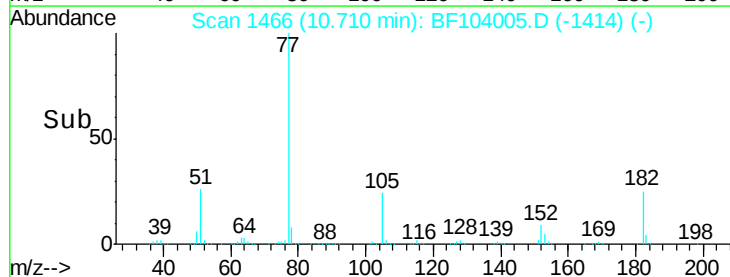
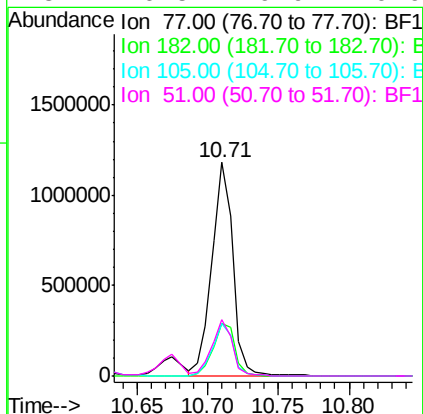
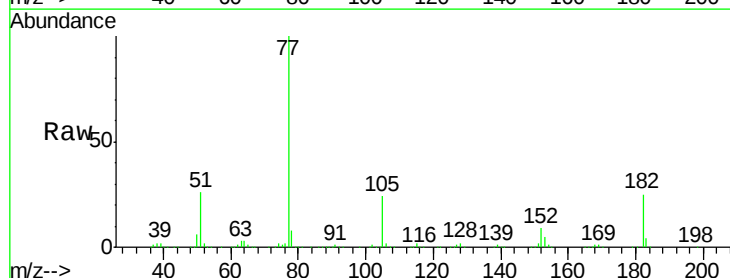
Instrument :
BNA_F
ClientSampleId :

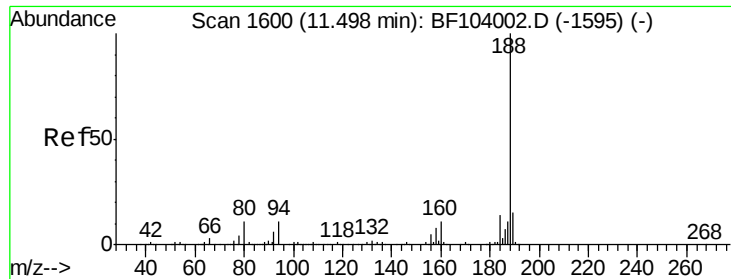
Tot Ion:138 Resp: 335064
Ion Ratio Lower Upper
138 100
92 48.3 30.2 70.2
108 69.8 52.5 92.5



#62
Azobenzene
Concen: 63.365 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion: 77 Resp: 1218901
Ion Ratio Lower Upper
77 100
182 24.8 1.7 41.7
105 24.5 3.0 43.0
51 26.5 9.9 49.9

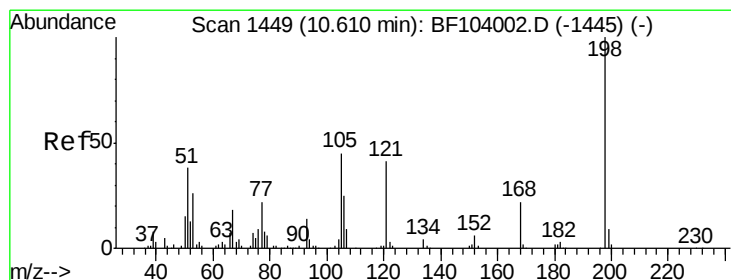
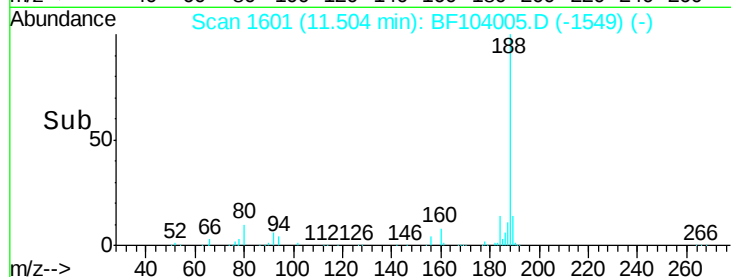
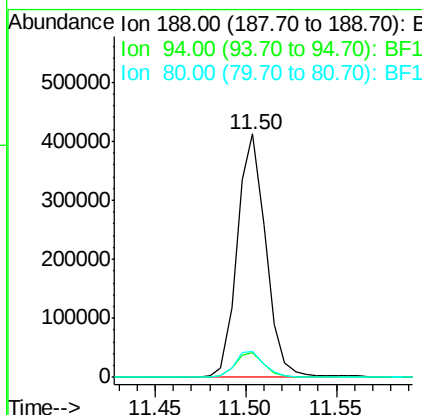
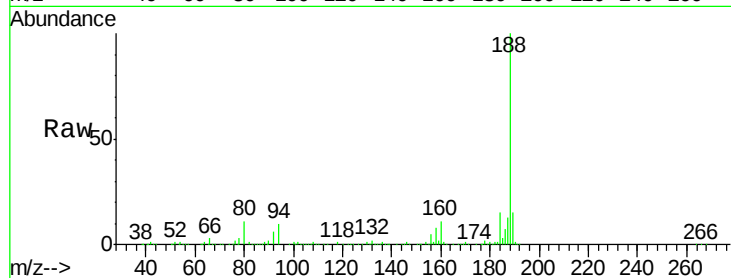




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

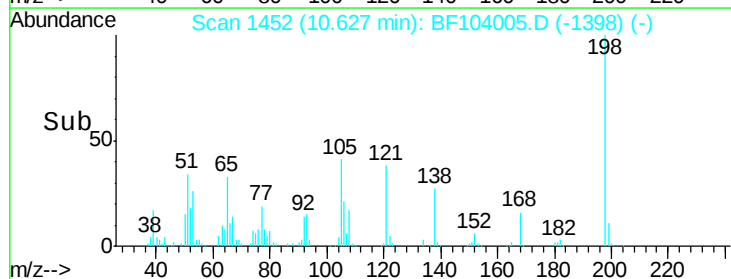
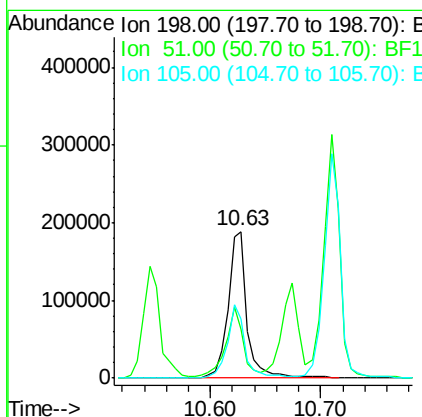
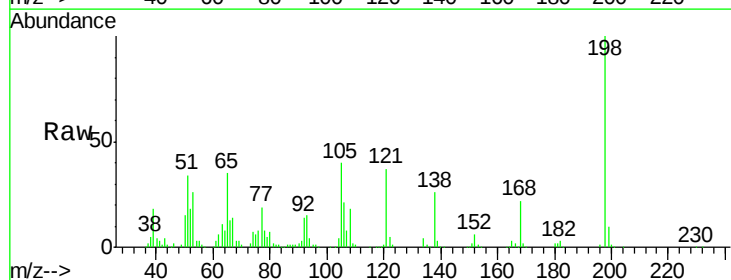
Instrument :
BNA_F
ClientSampled :

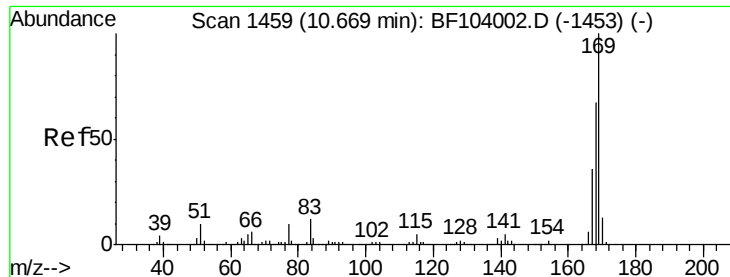
Tot Ion:188 Resp: 450470
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 154.827 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.02 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion:198 Resp: 225839
Ion Ratio Lower Upper
198 100
51 33.5 37.7 77.7#
105 40.2 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 70.423 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

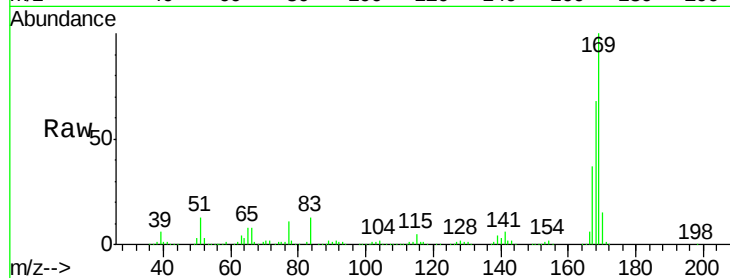
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 1079807

Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.4	81.6
167	37.3	29.8	44.6



Abundance

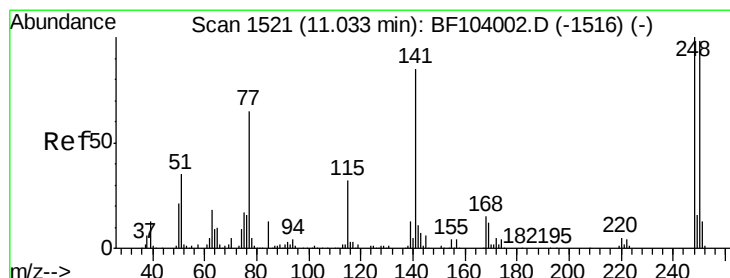
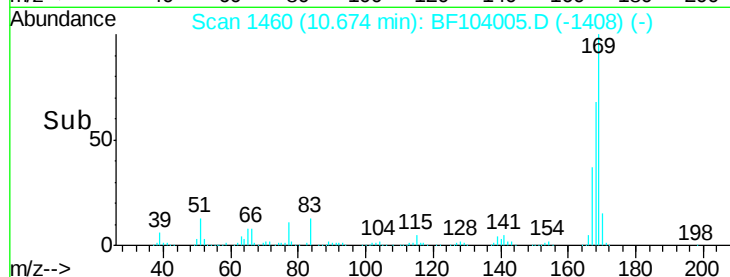
Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

10.67

Time-->



#66

4-Bromophenyl-phenylether

Concen: 77.115 ng

RT: 11.04 min Scan# 1522

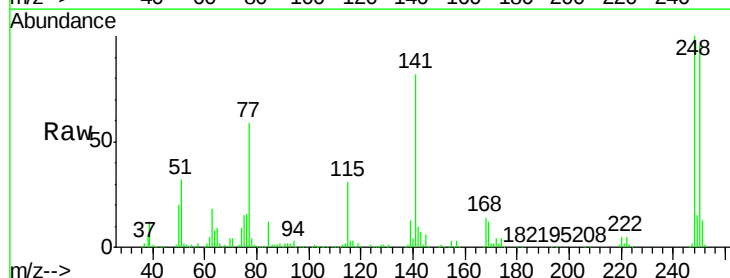
Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

Tgt Ion:248 Resp: 356667

Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.9	115.3
141	81.5	74.4	111.6



Abundance

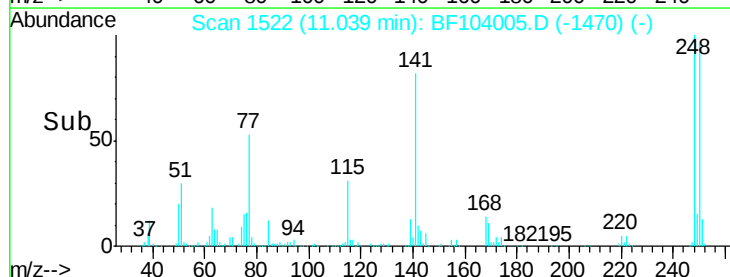
Ion 248.00 (247.70 to 248.70): E

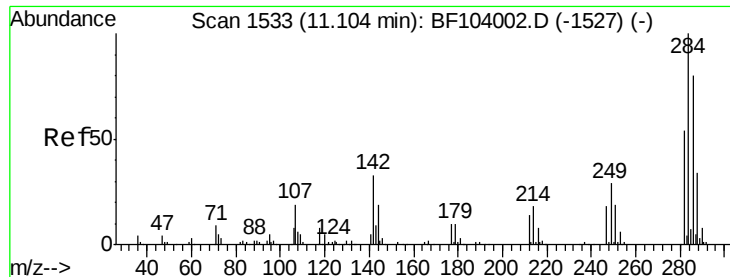
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

11.04

Time-->

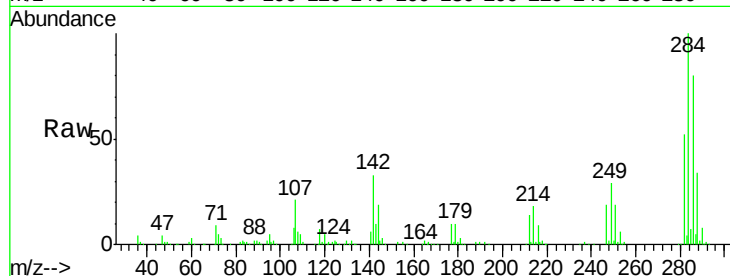




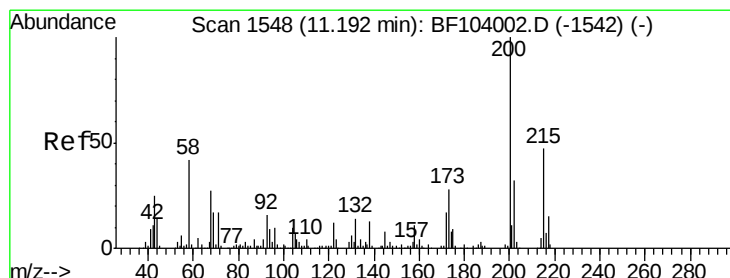
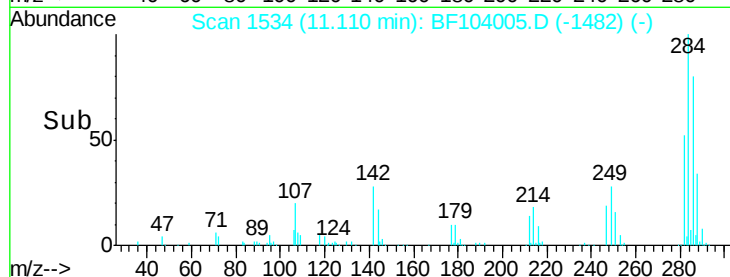
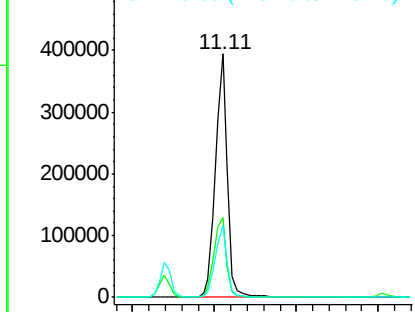
#67
Hexachlorobenzene
Concen: 76.451 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 403574
Ion Ratio Lower Upper
284 100
142 33.0 34.6 52.0#
249 29.5 24.8 37.2

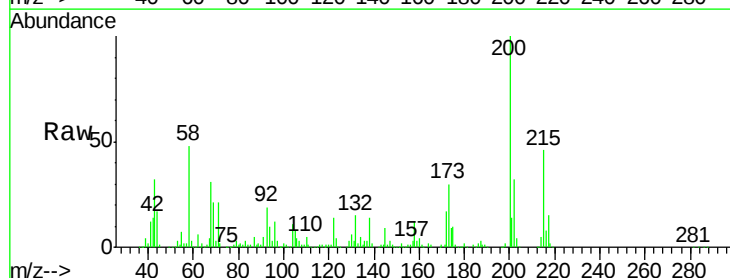


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

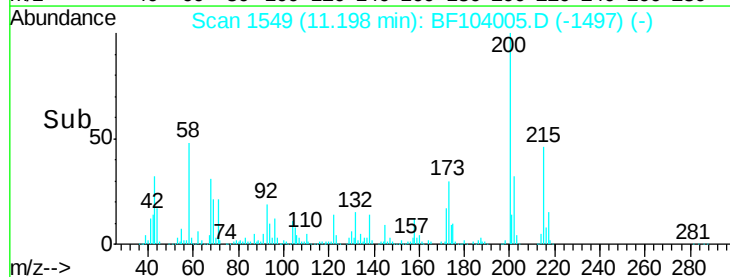
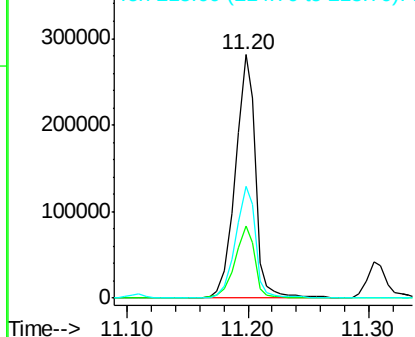


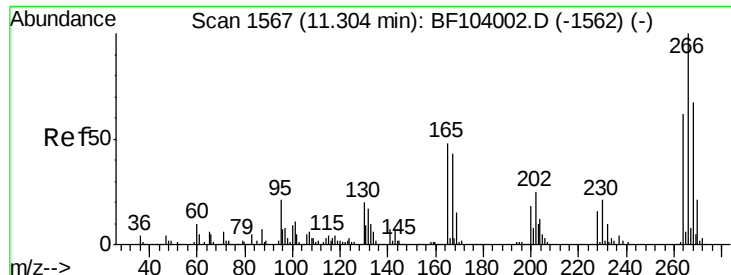
#68
Atrazine
Concen: 69.092 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion:200 Resp: 327717
Ion Ratio Lower Upper
200 100
173 29.7 8.6 48.6
215 45.7 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

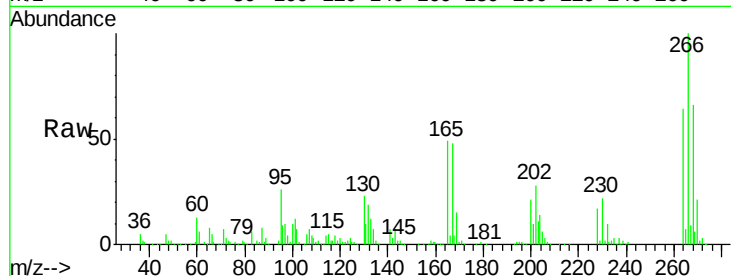




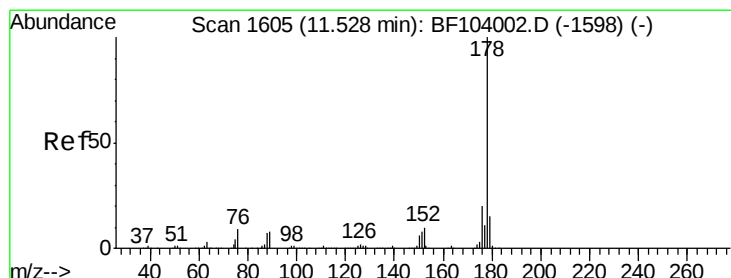
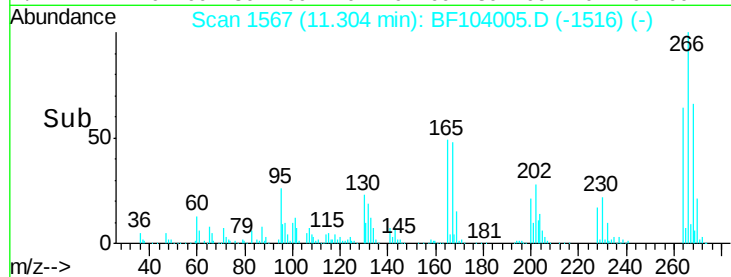
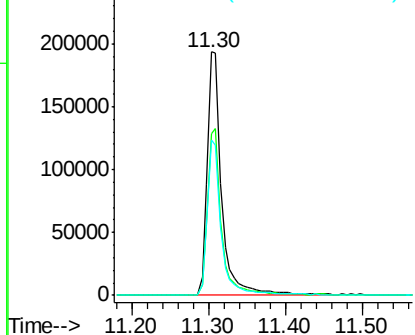
#69
 Pentachlorophenol
 Concen: 83.390 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 253080
 Ion Ratio Lower Upper
 266 100
 268 66.2 51.1 76.7
 264 63.6 49.5 74.3

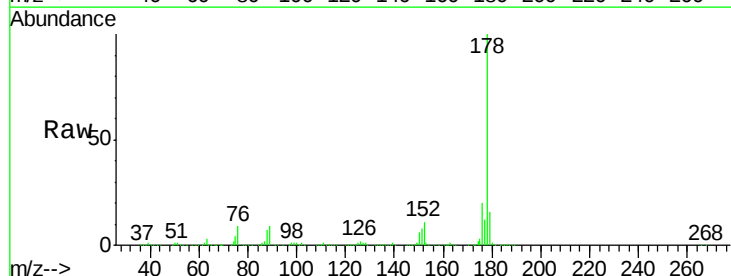


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

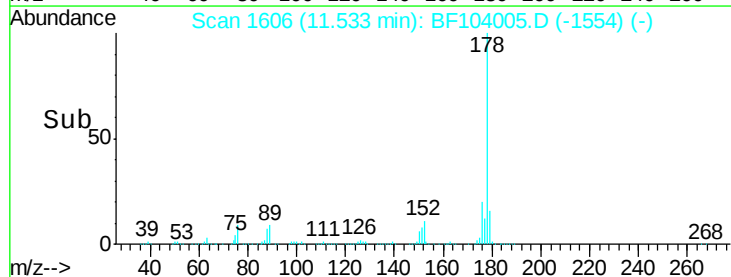
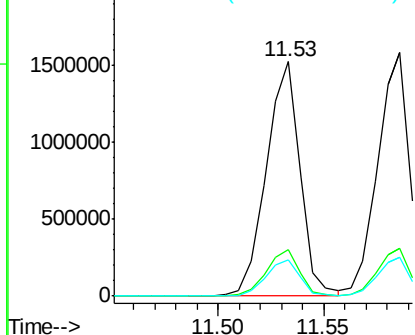


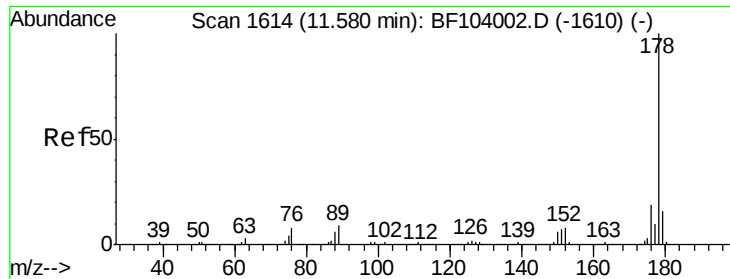
#70
 Phenanthrene
 Concen: 68.653 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Tgt Ion:178 Resp: 1691722
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.6 13.0 19.6



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

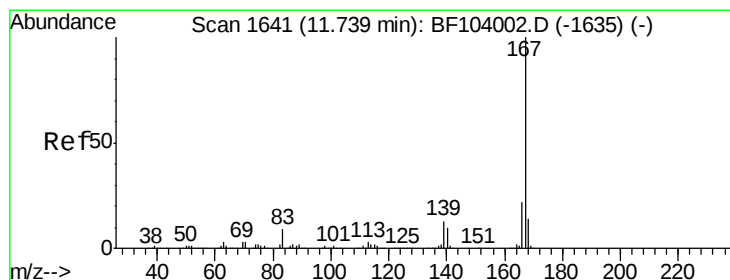
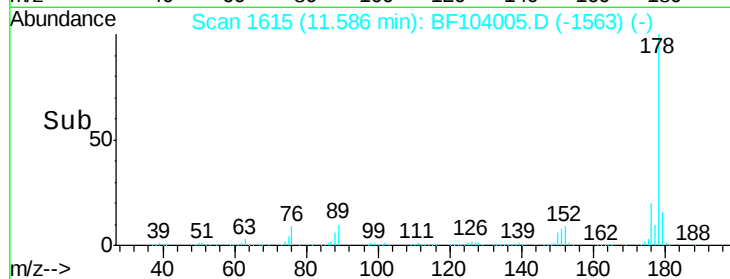
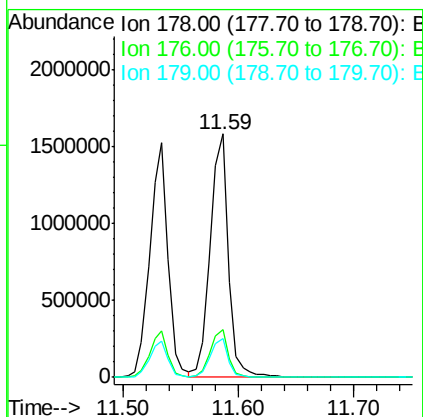
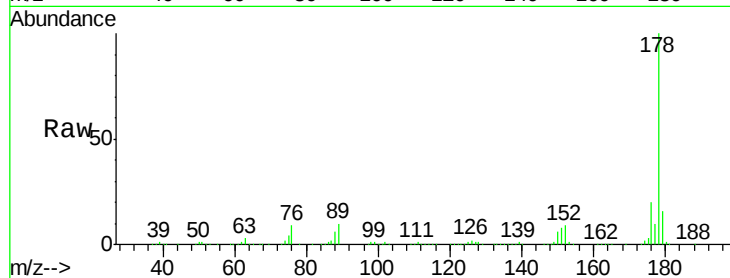




#71
 Anthracene
 Concen: 69.168 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

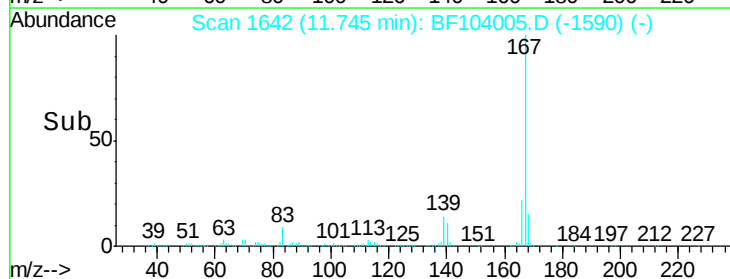
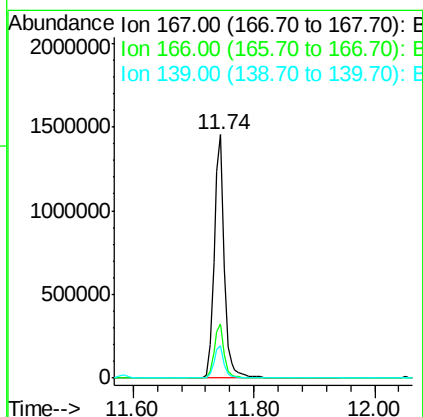
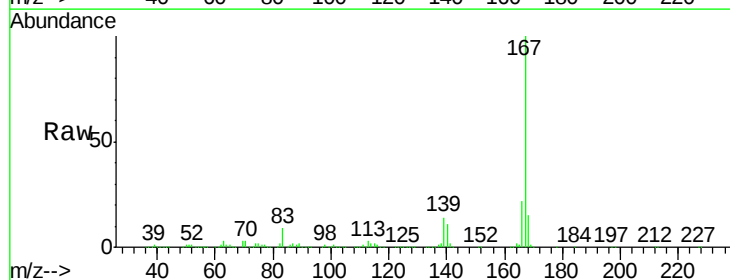
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1731118
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 69.014 ng
 RT: 11.74 min Scan# 1642
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Tgt Ion:167 Resp: 1678812
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 67.791 ng

RT: 12.05 min Scan# 1694

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

Instrument :

BNA_F

ClientSampleId :

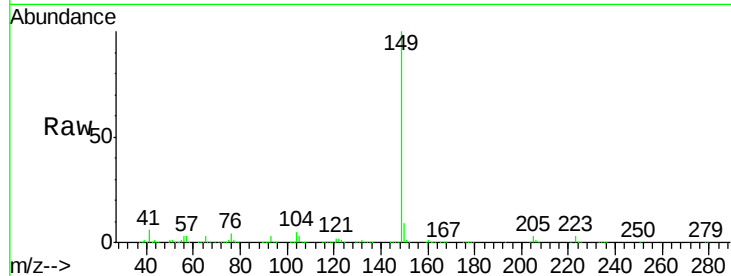
Tot Ion:149 Resp: 1978675

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

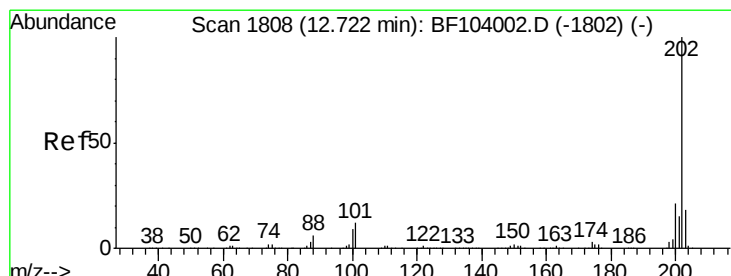
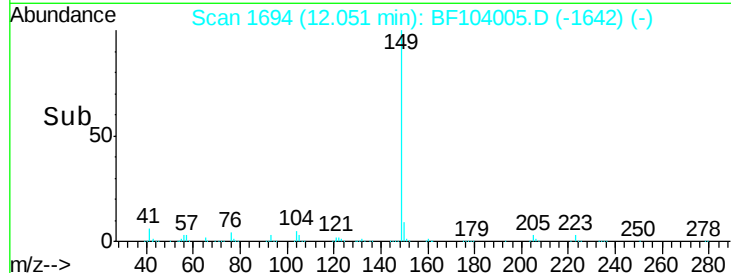
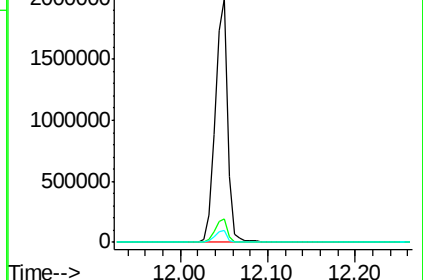
104 5.0 3.8 5.8



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: 69.450 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

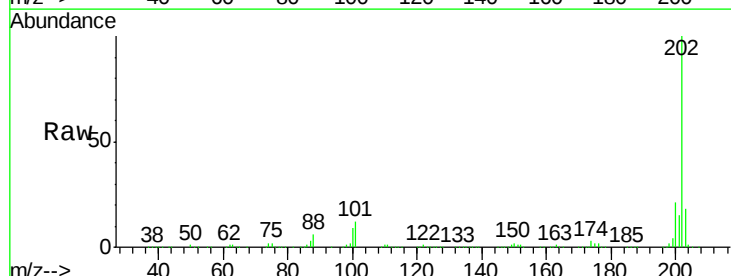
Tgt Ion:202 Resp: 1763108

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

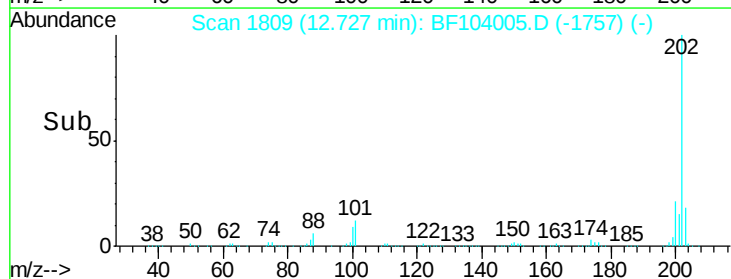
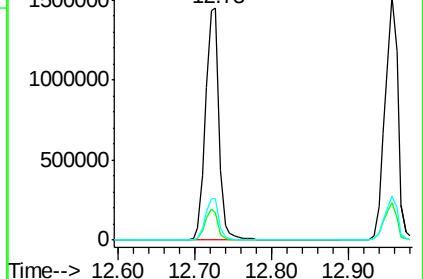
203 17.6 0.0 38.1

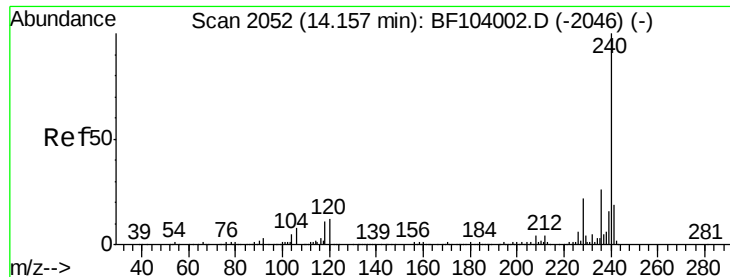


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF104005.D

Acq: 28 Mar 2018 12:47

Instrument :

BNA_F

ClientSampleId :

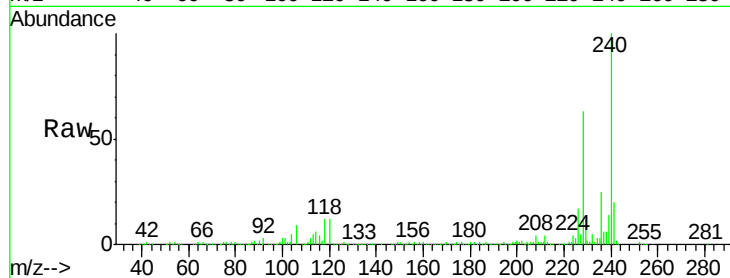
Tot Ion:240 Resp: 340015

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

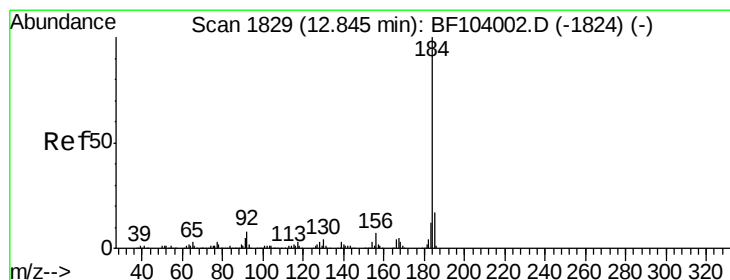
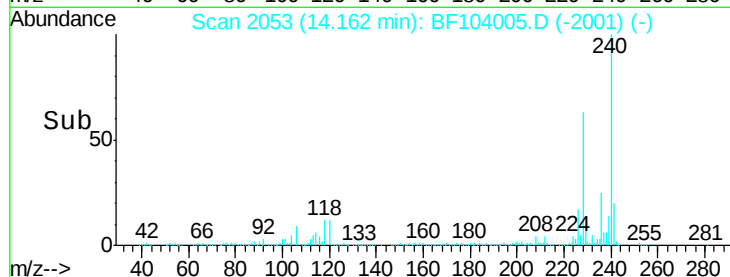
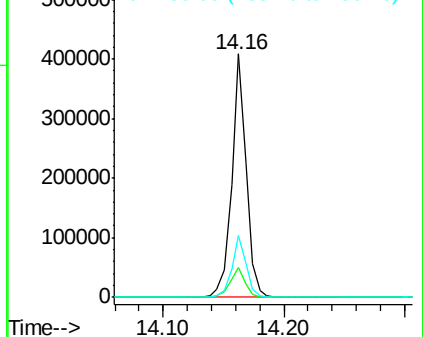
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.696 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.25 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

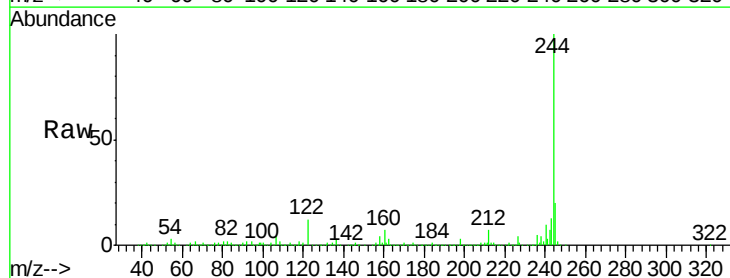
Tgt Ion:184 Resp: 24598

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

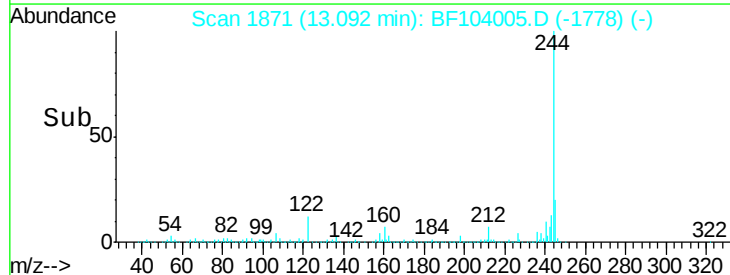
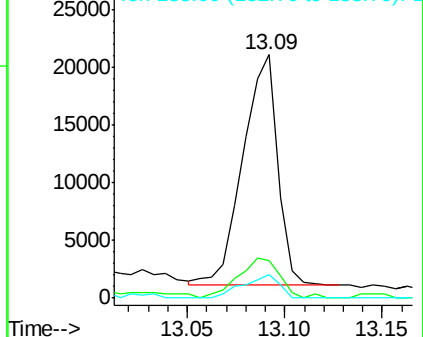
183 9.8 9.3 13.9

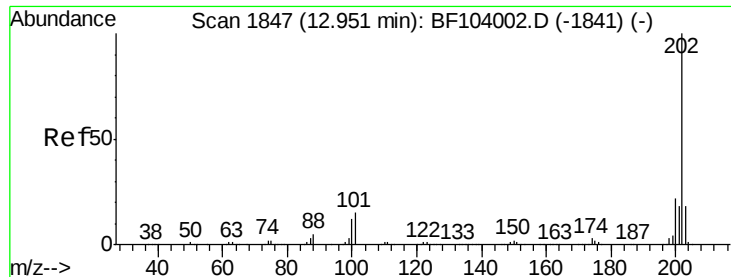


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

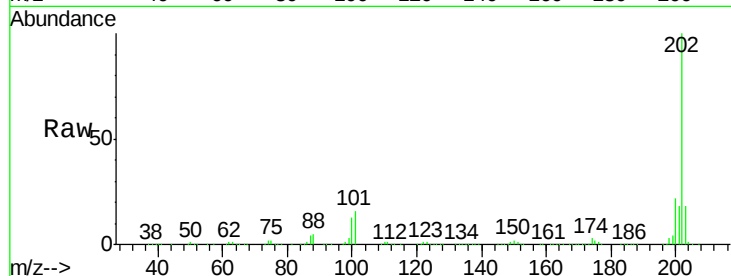




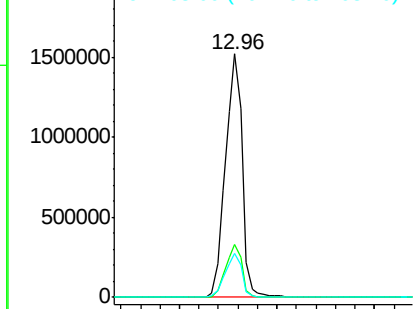
#77
Pvrene
Concen: 72.480 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Instrument :
BNA_F
ClientSampleId :

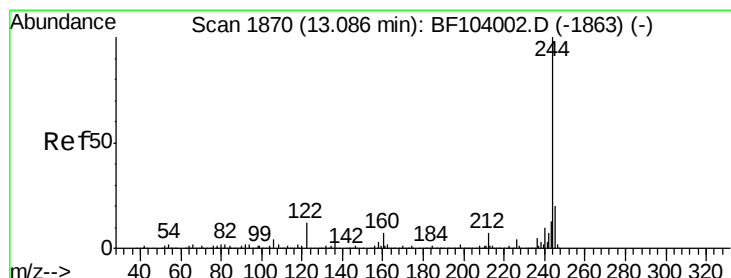
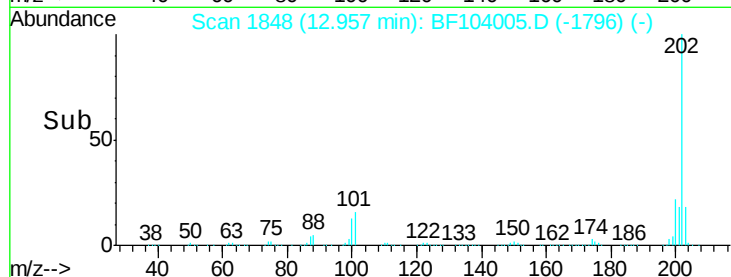
Tot Ion:202 Resp: 1809853
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.8 14.3 21.5



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

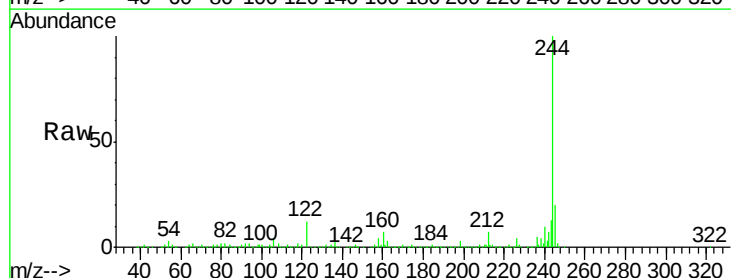


Time-->

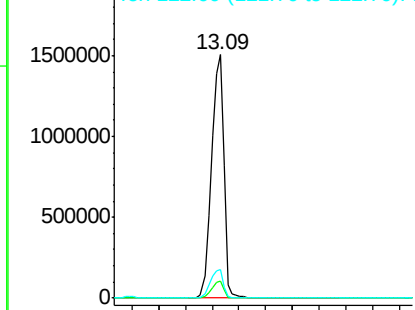


#78
Terphenyl-d14
Concen: 134.531 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

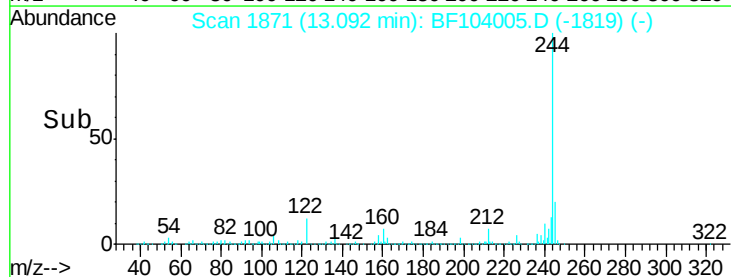
Tgt Ion:244 Resp: 1970684
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 11.8 11.0 16.4

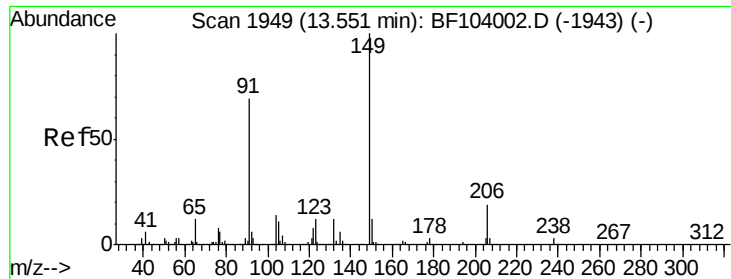


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->

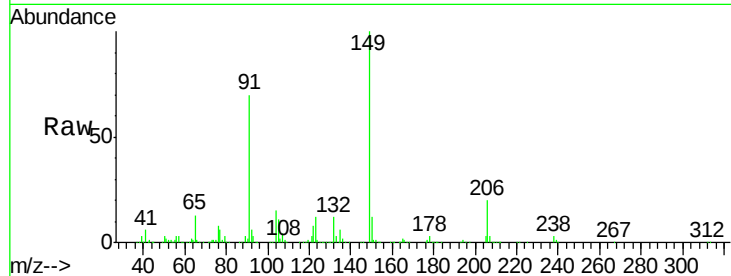




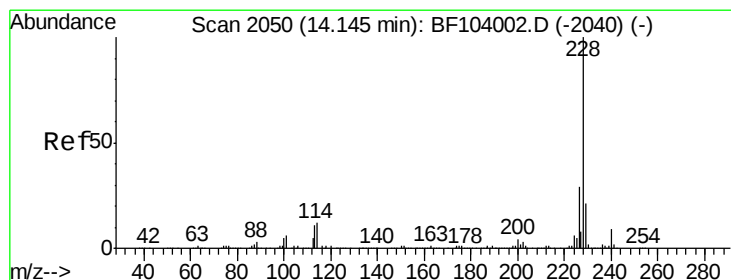
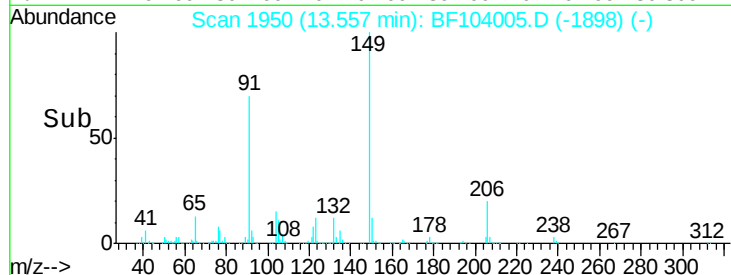
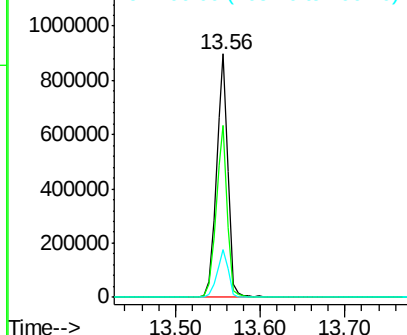
#79
Butylbenzylphthalate
Concen: 78.921 ng
RT: 13.56 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 873126
Ion Ratio Lower Upper
149 100
91 70.4 56.8 85.2
206 19.5 14.1 21.1

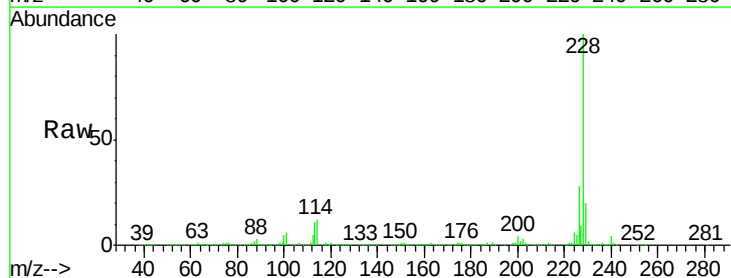


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

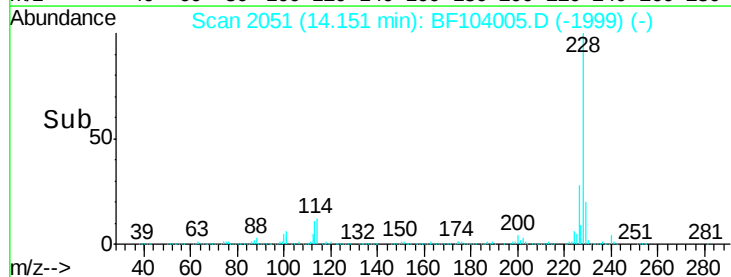
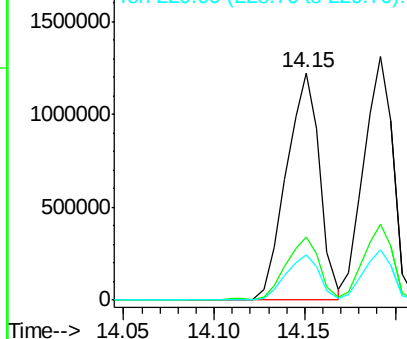


#80
Benzo(a)anthracene
Concen: 73.239 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion:228 Resp: 1576322
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.9 15.8 23.6



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

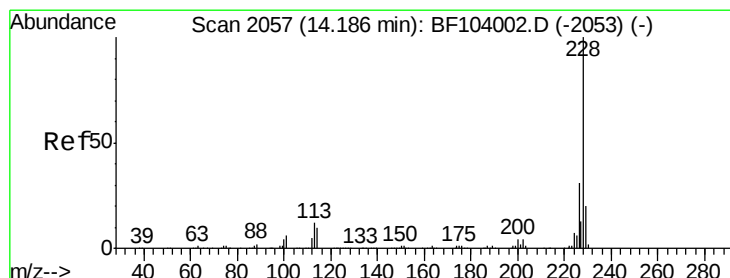
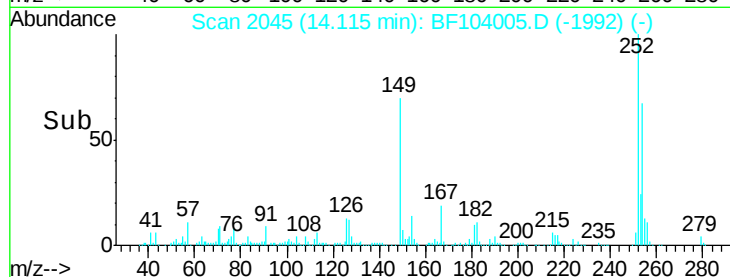
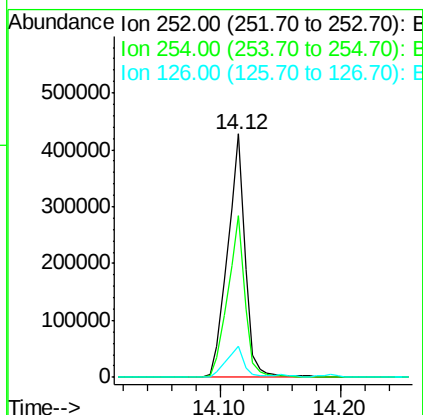
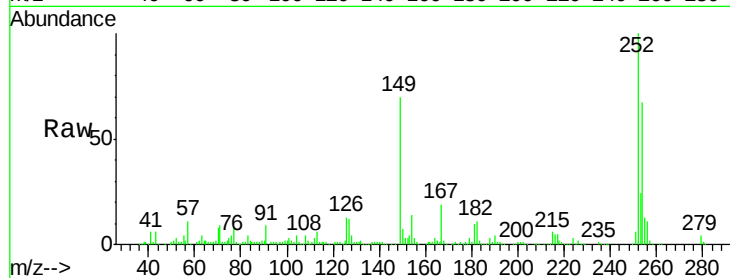




#81
 3,3'-Dichlorobenzidine
 Concen: 60.131 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

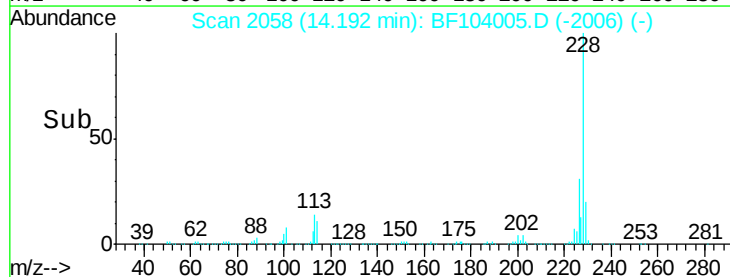
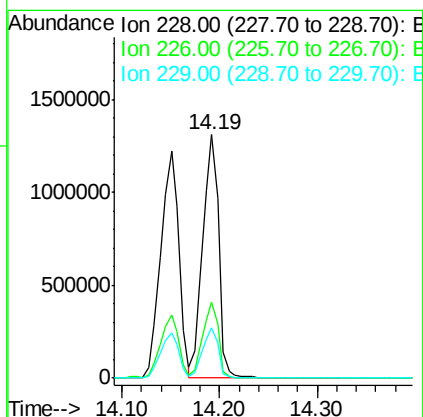
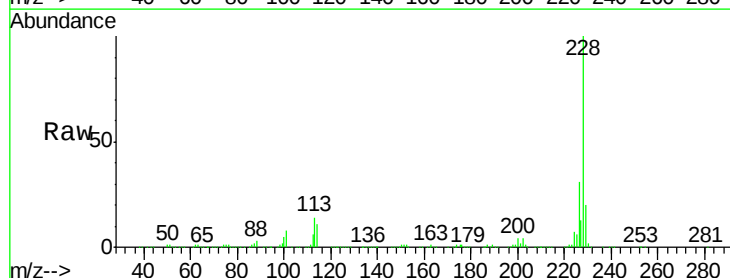
Instrument :
 BNA_F
 ClientSampled :

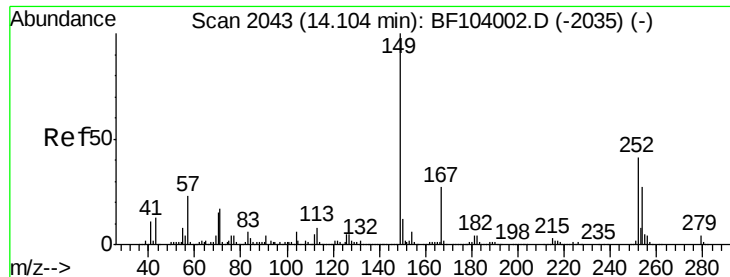
Tot Ion:252 Resp: 432897
 Ion Ratio Lower Upper
 252 100
 254 66.6 50.4 75.6
 126 12.6 11.3 16.9



#82
 Chrysene
 Concen: 72.633 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Tgt Ion:228 Resp: 1490195
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.5 16.2 24.4

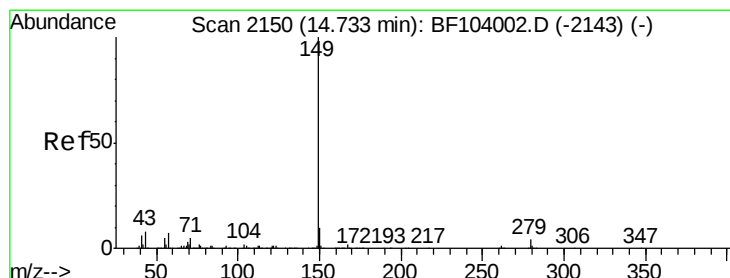
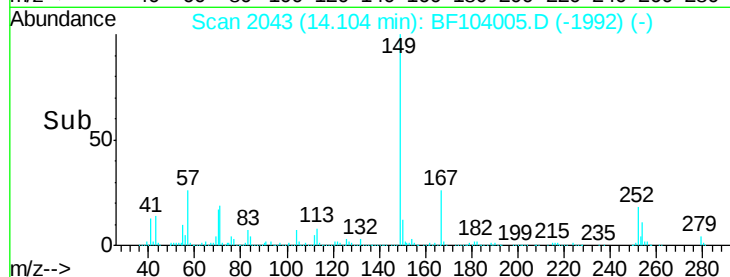
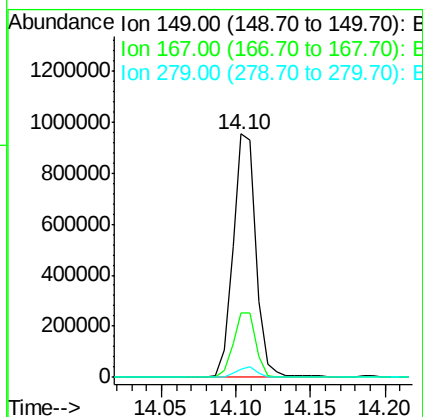
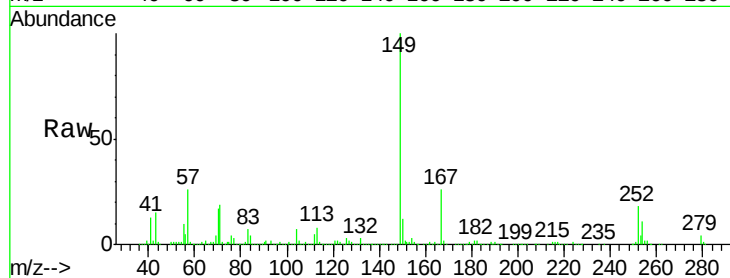




#83
Bis(2-ethylhexyl)phthalate
Concen: 65.235 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

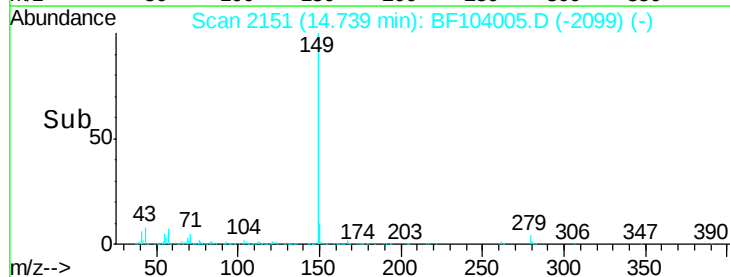
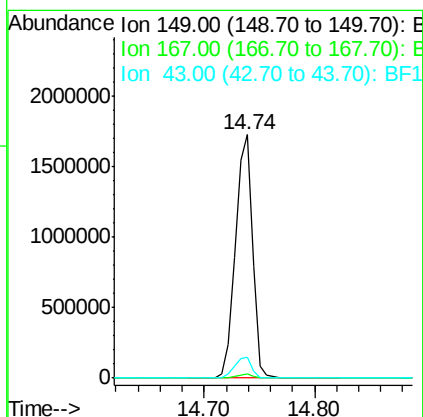
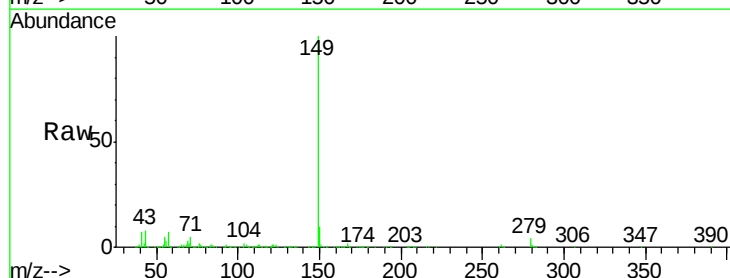
Instrument :
BNA_F
ClientSampleId :

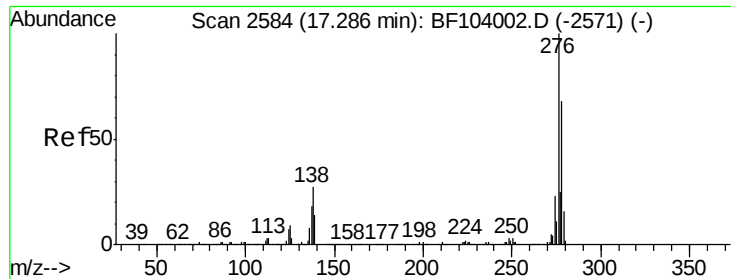
Tot Ion:149 Resp: 1031020
Ion Ratio Lower Upper
149 100
167 26.4 21.3 31.9
279 3.5 3.0 4.4



#84
Di-n-octyl phthalate
Concen: 81.810 ng
RT: 14.74 min Scan# 2151
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion:149 Resp: 1881070
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.4 8.4 12.6

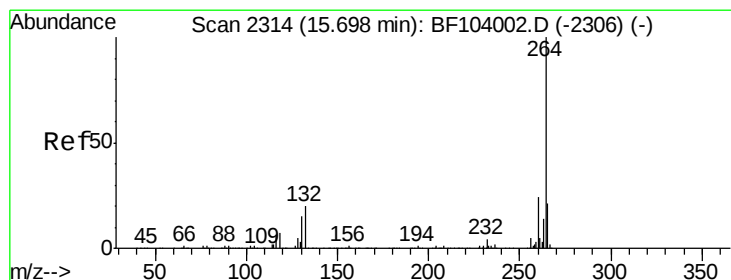
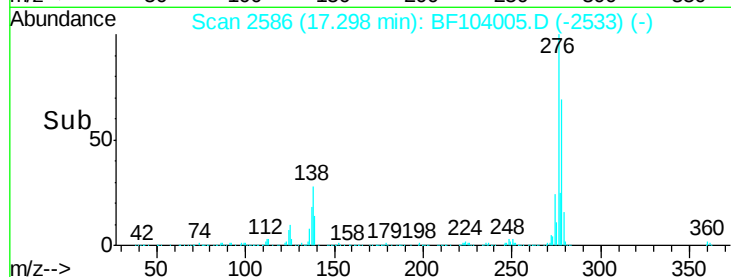
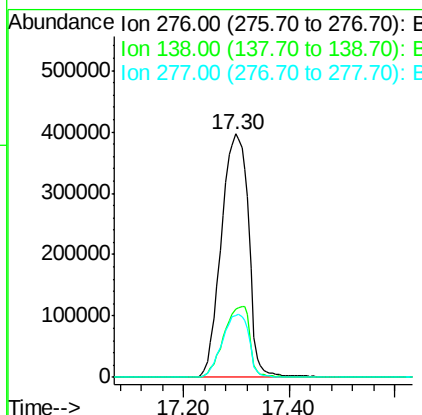
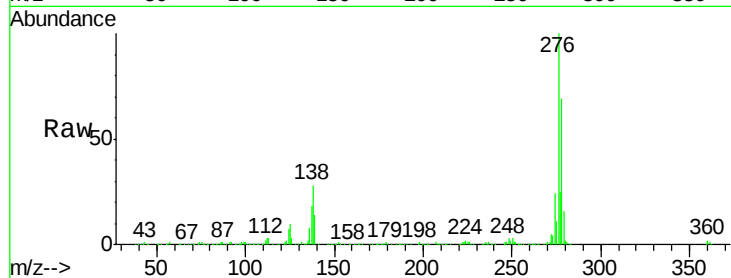




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 79.523 ng
 RT: 17.30 min Scan# 2586
 Delta R.T. 0.01 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

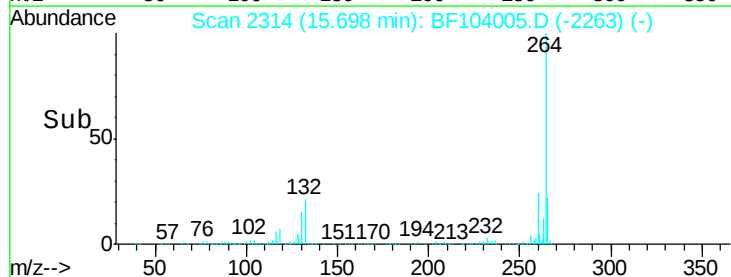
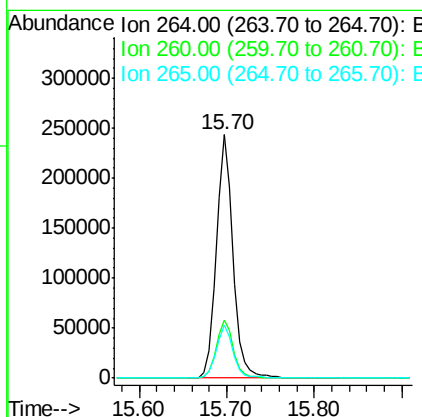
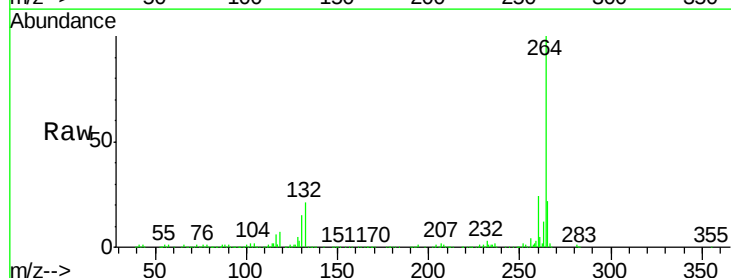
Instrument :
 BNA_F
 ClientSampleId :

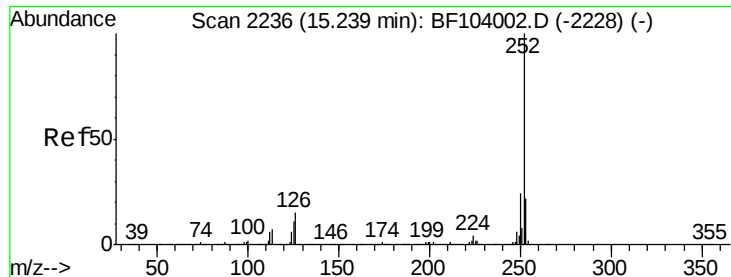
Tot Ion:276 Resp: 1424830
 Ion Ratio Lower Upper
 276 100
 138 28.0 25.0 37.6
 277 25.4 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BF104005.D
 Acq: 28 Mar 2018 12:47

Tgt Ion:264 Resp: 323014
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.6 17.5 26.3

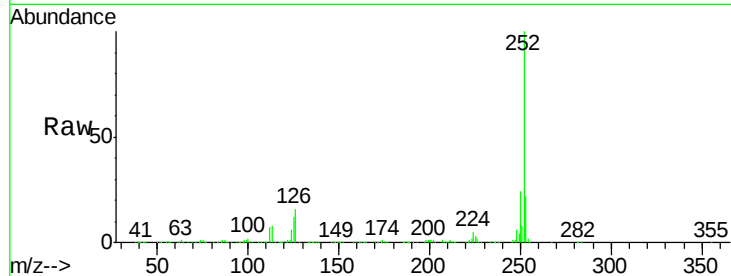




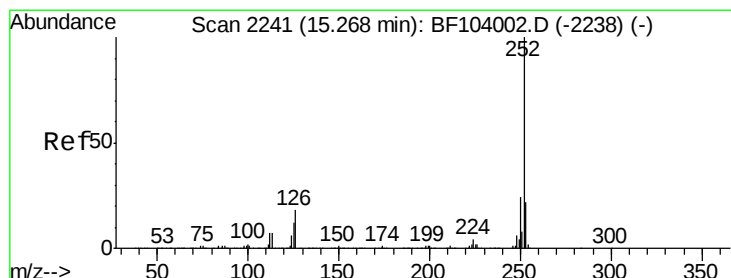
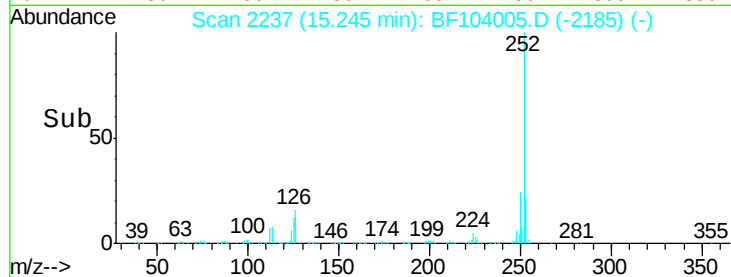
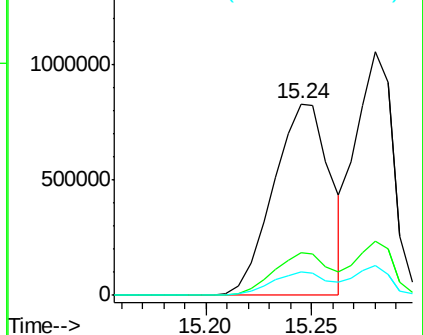
#87
Benzo(b)fluoranthene
Concen: 75.859 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1548082
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.2 9.0 13.6

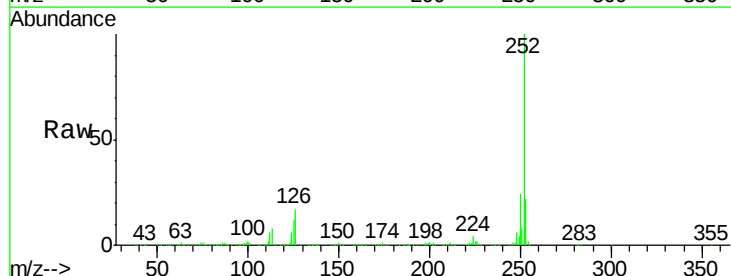


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

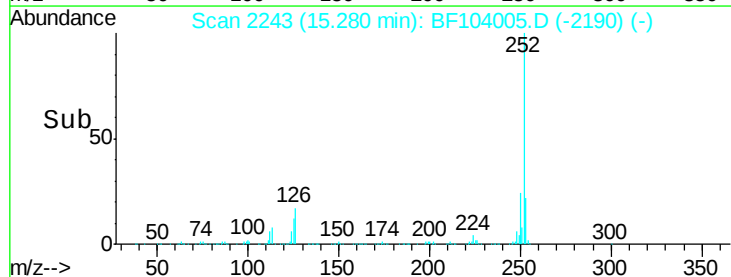
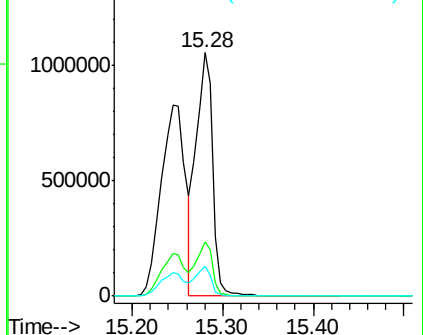


#88
Benzo(k)fluoranthene
Concen: 68.050 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF104005.D
Acq: 28 Mar 2018 12:47

Tgt Ion:252 Resp: 1334932
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 12.2 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 72.642 ng

RT: 15.64 min Scan# 2305

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

Instrument :

BNA_F

ClientSampleId :

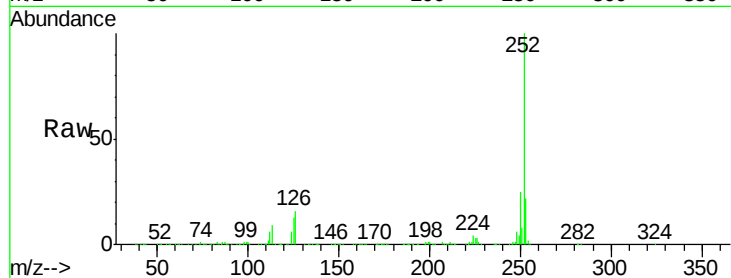
Tot Ion:252 Resp: 1344574

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

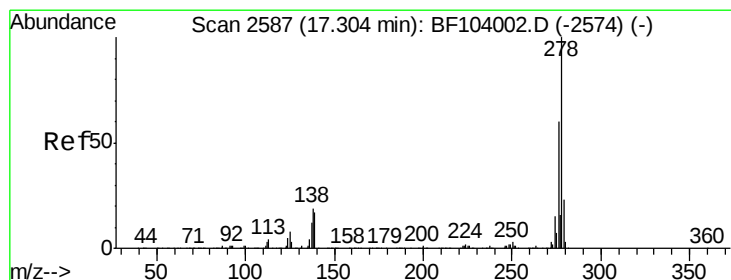
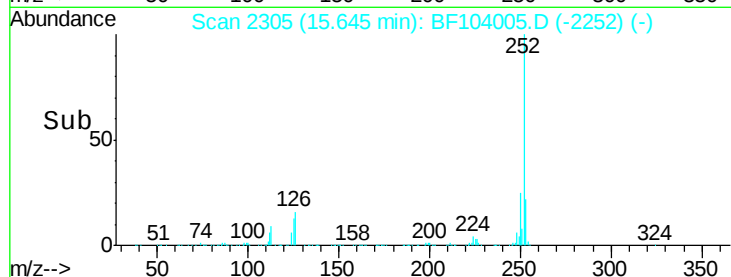
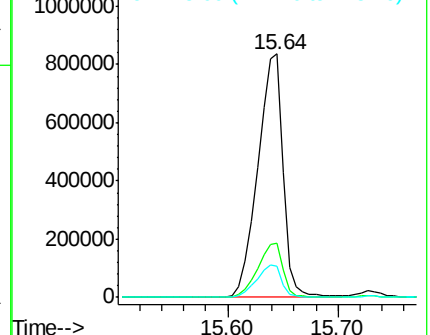
125 12.7 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 72.582 ng

RT: 17.32 min Scan# 2589

Delta R.T. 0.01 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

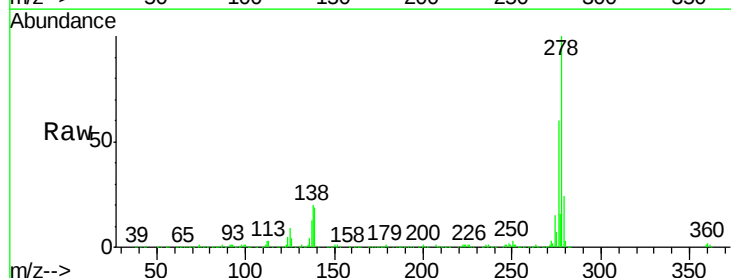
Tgt Ion:278 Resp: 1163298

Ion Ratio Lower Upper

278 100

139 18.6 15.9 23.9

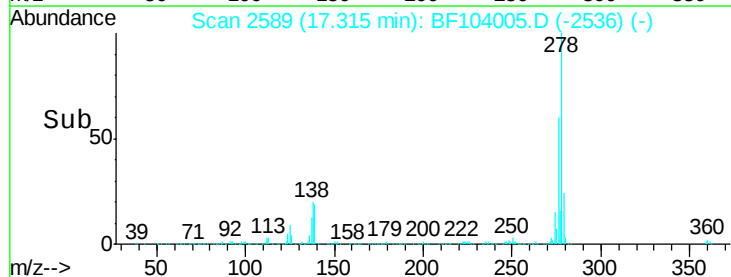
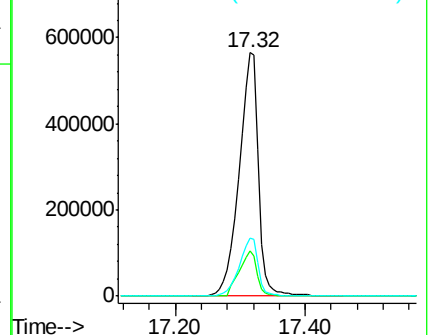
279 23.6 19.0 28.4

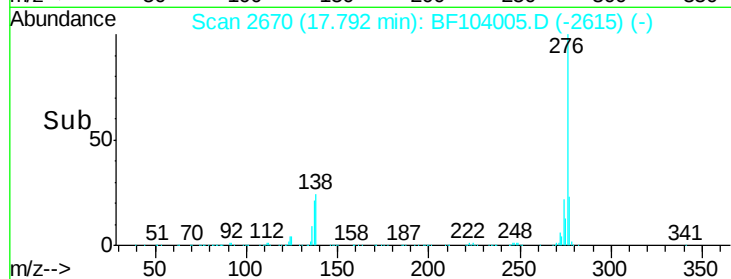
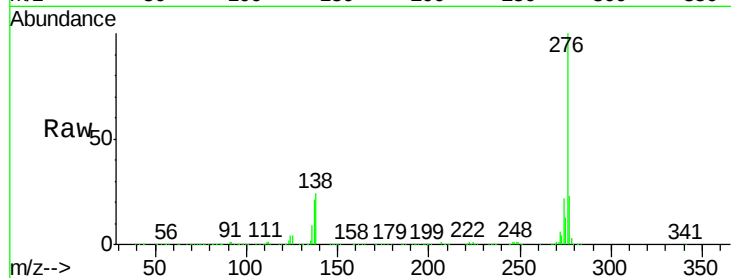


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 76.334 ng

RT: 17.79 min Scan# 2670

Delta R.T. 0.02 min

Lab File: BF104005.D

Acq: 28 Mar 2018 12:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1190209

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 24.0 21.8 32.8

