

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102833.D
 Acq On : 7 Feb 2018 23:56
 Operator : SJ/JU
 Sample : J1471-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 06:28:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	199192	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	805818	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	326961	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	477256	20.00	ng	0.00
75) Chrysene-d12	14.06	240	338752	20.00	ng	0.00
86) Perylene-d12	15.54	264	277335	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1400292	106.76	ng	0.02
7) Phenol-d6	6.52	99	1678212	106.26	ng	0.02
23) Nitrobenzene-d5	7.45	82	1049686	90.36	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	281471	106.96	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1456599	73.92	ng	0.00
78) Terphenyl-d14	13.00	244	1060883	74.15	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.71	88	226945	35.03	ng	# 86
3) Pyridine	3.49	79	611461	34.16	ng	87
4) n-Nitrosodimethylamine	3.44	42	328209	42.86	ng	99
6) Aniline	6.55	93	374398	16.05	ng	95
8) 2-Chlorophenol	6.67	128	556864	41.24	ng	96
9) Benzaldehyde	6.43	77	177174	15.11	ng	99
10) Phenol	6.53	94	731337	43.21	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	564737	40.10	ng	92
12) 1,3-Dichlorobenzene	6.83	146	579573	37.06	ng	98
13) 1,4-Dichlorobenzene	6.90	146	584983	37.56	ng	100
14) 1,2-Dichlorobenzene	7.06	146	538115	37.09	ng	99
15) Benzyl Alcohol	7.03	79	483454	39.82	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	991664	37.07	ng	97
17) 2-Methylphenol	7.14	107	479509	38.50	ng	99
18) Hexachloroethane	7.40	117	168020	31.46	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	375531	36.07	ng	93
20) 3+4-Methylphenols	7.29	107	550388	35.83	ng	# 66
22) Acetophenone	7.30	105	731297	37.09	ng	# 95
24) Nitrobenzene	7.47	77	601993	44.06	ng	98
25) Isophorone	7.71	82	1084782	40.56	ng	99
26) 2-Nitrophenol	7.79	139	282771	49.94	ng	95
27) 2,4-Dimethylphenol	7.82	122	507876	44.94	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	693120	43.74	ng	99
29) 2,4-Dichlorophenol	8.03	162	440916	42.92	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	433259	37.28	ng	100
31) Naphthalene	8.19	128	1504464	38.21	ng	100
32) Benzoic acid	7.90	122	70807	16.83	ng	97
33) 4-Chloroaniline	8.24	127	177807	10.48	ng	97
34) Hexachlorobutadiene	8.30	225	220509	37.03	ng	96
35) Caprolactam	8.61	113	141964	39.79	ng	# 80
36) 4-Chloro-3-methylphenol	8.72	107	480040	41.59	ng	99
37) 2-Methylnaphthalene	8.89	142	967906	37.55	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	367950	41.33	ng	98
40) Hexachlorocyclopentadiene	9.03	237	33630	7.95	ng	100

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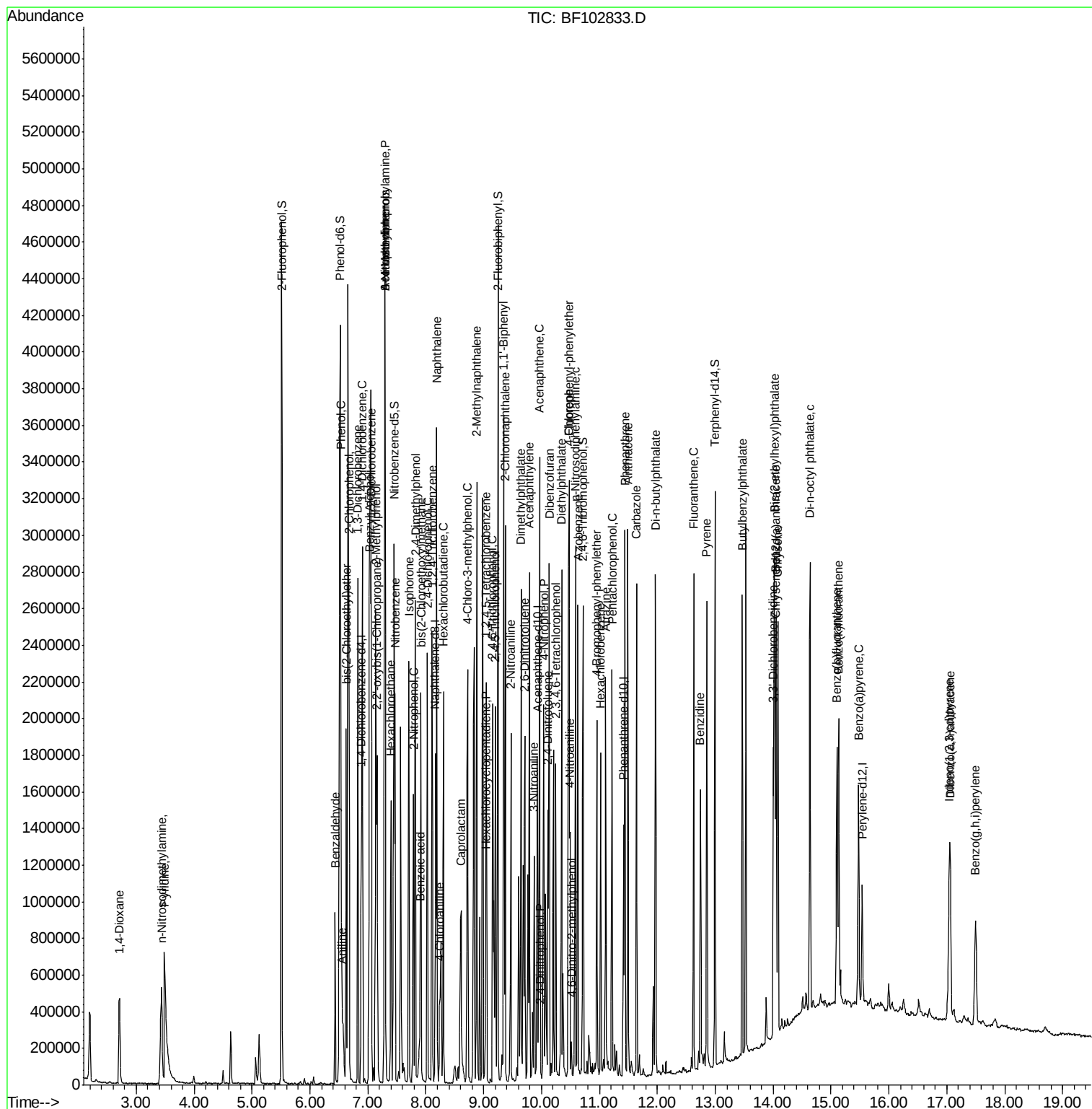
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	271408	46.41	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	281771	42.75	nq	97
45) 1,1'-Biphenyl	9.35	154	1075767	39.06	nq	99
46) 2-Chloronaphthalene	9.37	162	854937	39.43	nq	98
47) 2-Nitroaniline	9.47	65	325679	48.63	nq	90
48) Acenaphthylene	9.79	152	1241354	36.86	nq	99
49) Dimethylphthalate	9.65	163	1127894	44.24	nq	100
50) 2,6-Dinitrotoluene	9.71	165	217787	44.90	nq	96
51) Acenaphthene	9.96	154	720392	35.77	nq	99
52) 3-Nitroaniline	9.87	138	191104	32.02	nq	99
53) 2,4-Dinitrophenol	9.98	184	15001	22.53	nq	# 17
54) Dibenzofuran	10.13	168	1074840	37.87	nq	98
55) 4-Nitrophenol	10.04	139	358233	73.39	nq	93
56) 2,4-Dinitrotoluene	10.12	165	267621	41.58	nq	92
57) Fluorene	10.47	166	774229	37.50	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	192578	42.16	nq	98
59) Diethylphthalate	10.35	149	932888	37.06	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	353206	38.67	nq	97
61) 4-Nitroaniline	10.49	138	208151	36.64	nq	93
62) Azobenzene	10.63	77	877594	34.90	nq	95
64) 4,6-Dinitro-2-methylphenol	10.52	198	17078	16.56	nq	87
65) n-Nitrosodiphenylamine	10.59	169	732167	43.49	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	211284	41.85	nq	91
67) Hexachlorobenzene	11.02	284	220092	39.52	nq	94
68) Atrazine	11.11	200	204168	41.11	nq	98
69) Pentachlorophenol	11.22	266	221365	67.71	nq	99
70) Phenanthrene	11.44	178	1023165	38.49	nq	99
71) Anthracene	11.49	178	1041794	38.54	nq	100
72) Carbazole	11.64	167	993287	37.50	nq	100
73) Di-n-butylphthalate	11.97	149	1286396	39.98	nq	99
74) Fluoranthene	12.63	202	992690	37.12	nq	99
76) Benzidine	12.74	184	657596	42.24	nq	99
77) Pyrene	12.86	202	1006826	37.90	nq	100
79) Butylbenzylphthalate	13.47	149	530847	41.91	nq	99
80) Benzo(a)anthracene	14.04	228	856500	40.20	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	336486	42.60	nq	97
82) Chrysene	14.08	228	819460	38.16	nq	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	708176	43.52	nq	# 99
84) Di-n-octyl phthalate	14.64	149	1204197	49.28	nq	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	603289	33.87	nq	99
87) Benzo(b)fluoranthene	15.10	252	729965	40.60	nq	97
88) Benzo(k)fluoranthene	15.13	252	691311	40.24	nq	99
89) Benzo(a)pyrene	15.47	252	640473	39.57	nq	# 96
90) Dibenzo(a,h)anthracene	17.06	278	505640	38.49	nq	96
91) Benzo(g,h,i)perylene	17.50	276	486241	37.82	nq	98

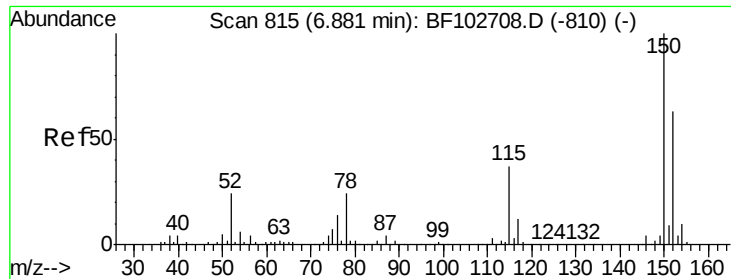
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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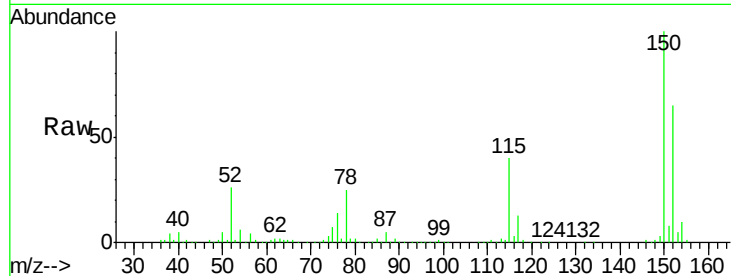


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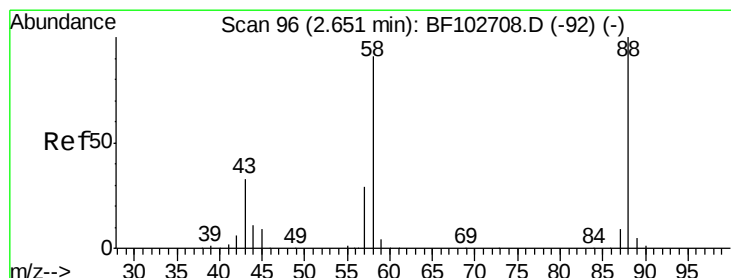
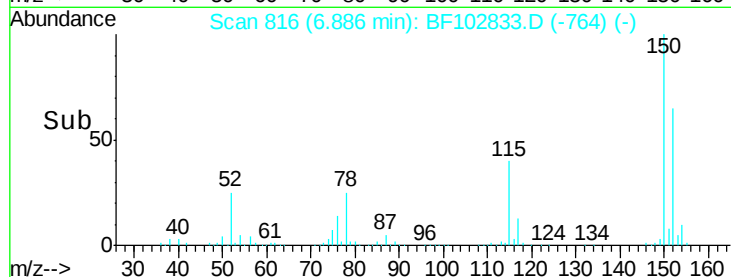
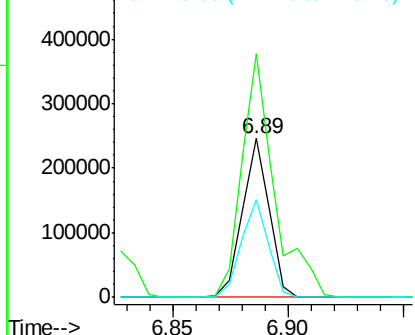
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 199192
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 61.9 50.1 75.1



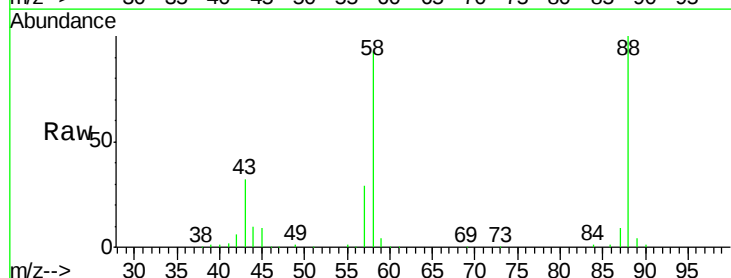
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



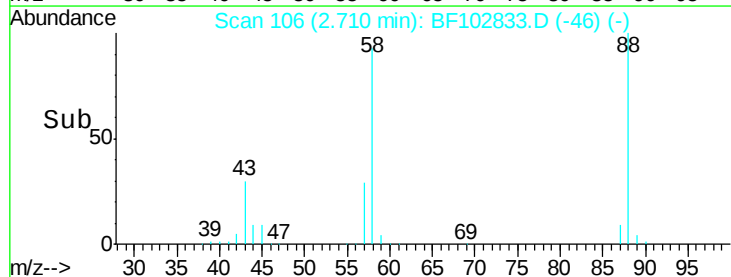
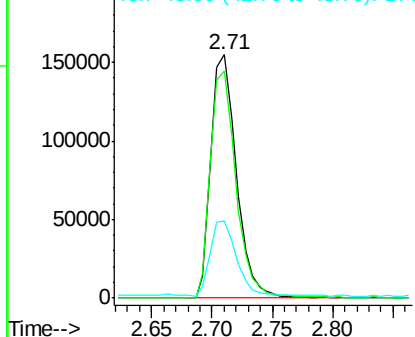
#2

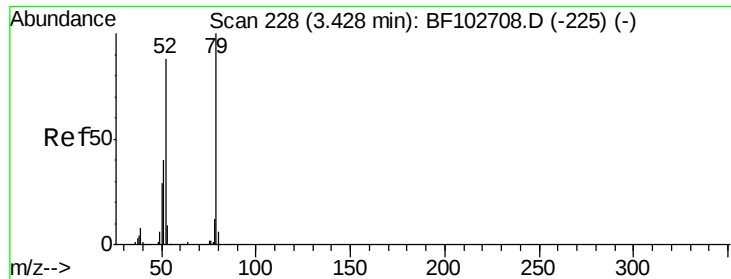
1,4-Dioxane
Concen: 35.03 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.05 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Tgt Ion: 88 Resp: 226945
Ion Ratio Lower Upper
88 100
58 94.7 62.6 93.8#
43 31.0 24.6 37.0



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





#3

Pvridine

Concen: 34.16 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.05 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampleId :

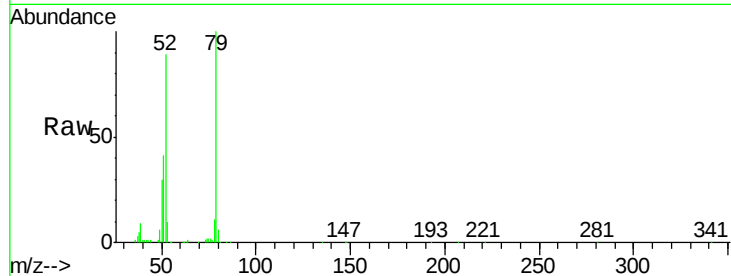
Tot Ion: 79 Resp: 611461

Ion Ratio Lower Upper

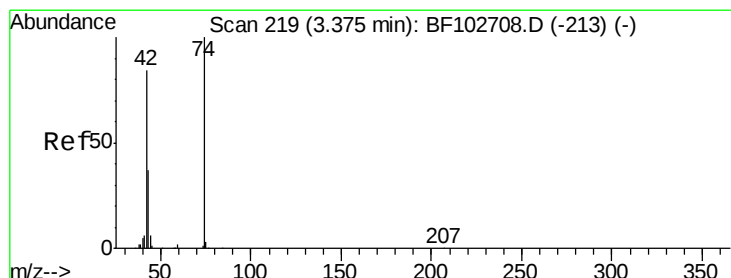
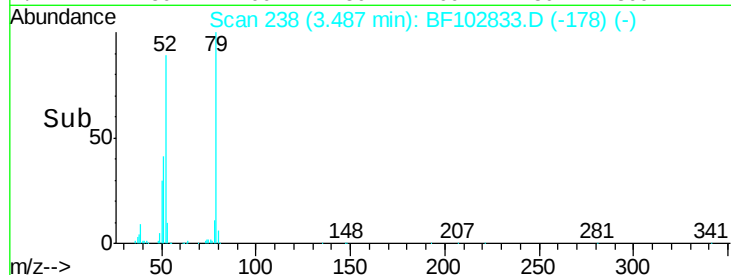
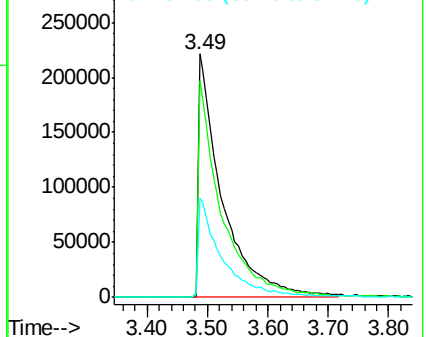
79 100

52 89.2 59.8 89.6

51 40.9 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 42.86 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.05 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

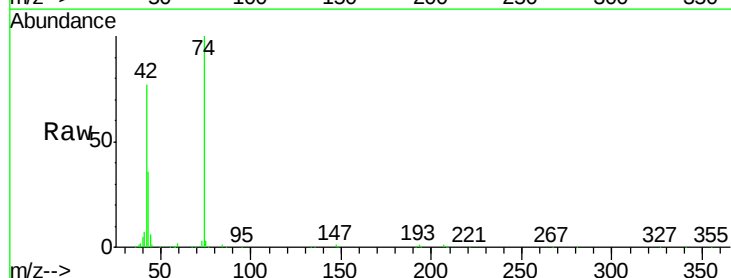
Tgt Ion: 42 Resp: 328209

Ion Ratio Lower Upper

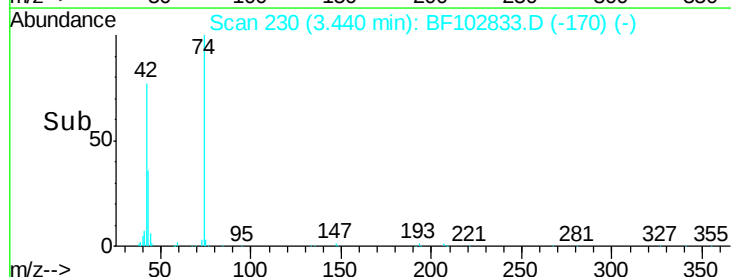
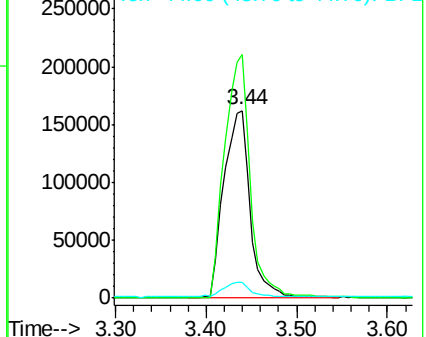
42 100

74 129.7 104.9 157.3

44 8.2 6.9 10.3



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





#5

2-Fluorophenol

Concen: 106.76 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

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ClientSampleId :

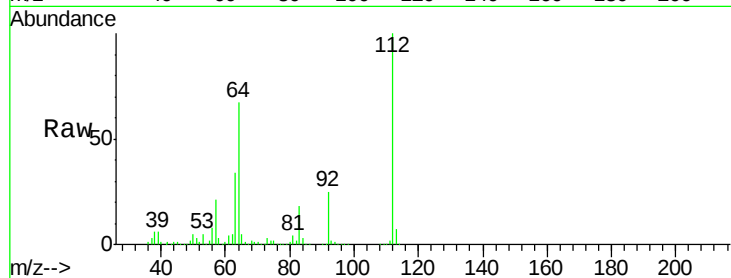
Tot Ion:112 Resp: 1400292

Ion Ratio Lower Upper

112 100

64 67.1 47.9 71.9

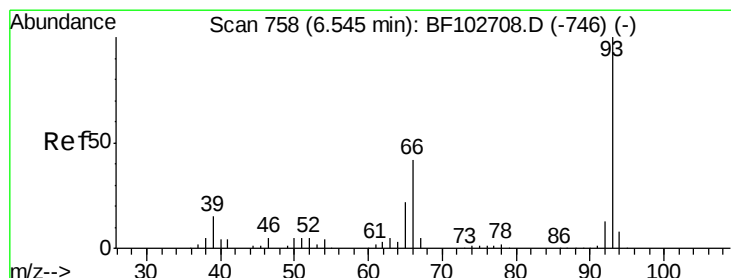
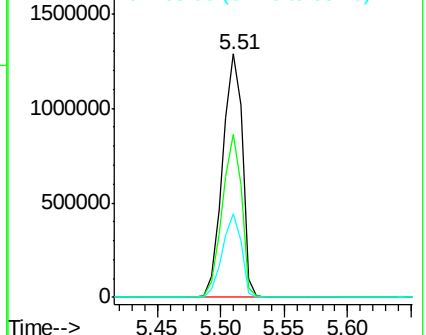
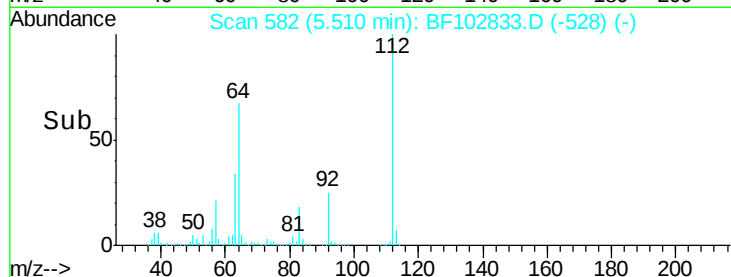
63 34.3 23.7 35.5



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: 16.05 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

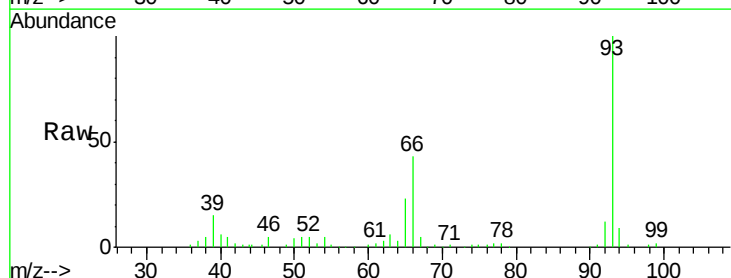
Tgt Ion: 93 Resp: 374398

Ion Ratio Lower Upper

93 100

66 43.0 32.2 48.2

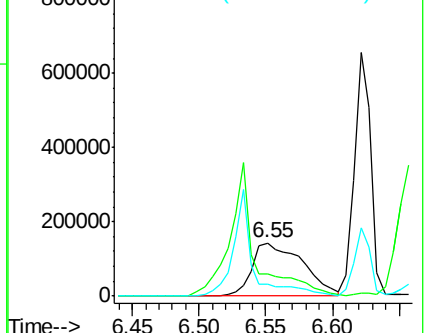
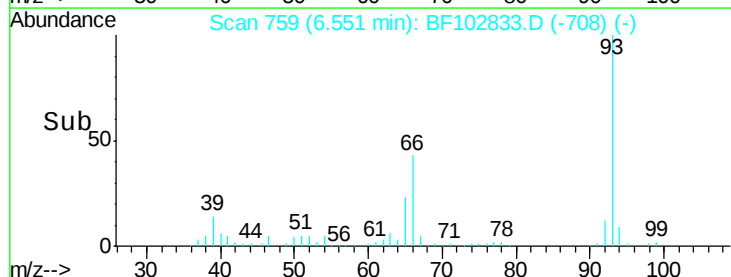
65 22.9 16.4 24.6

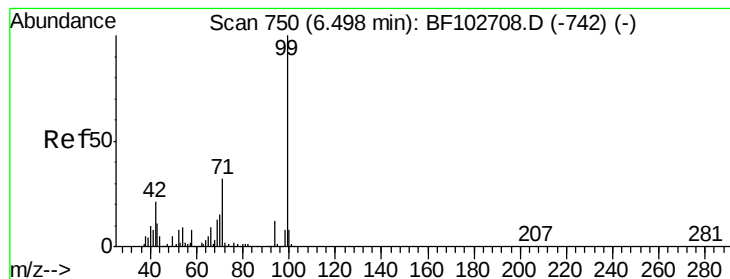


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.26 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF102833.D

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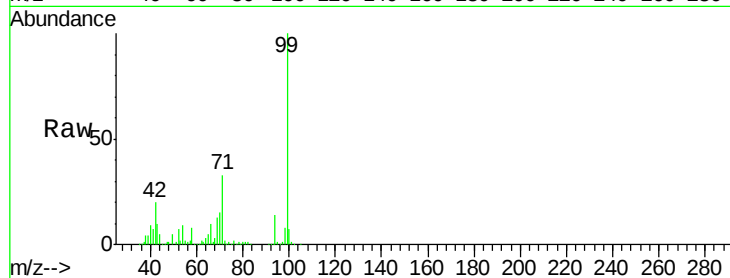
Tot Ion: 99 Resp: 1678212

Ion Ratio Lower Upper

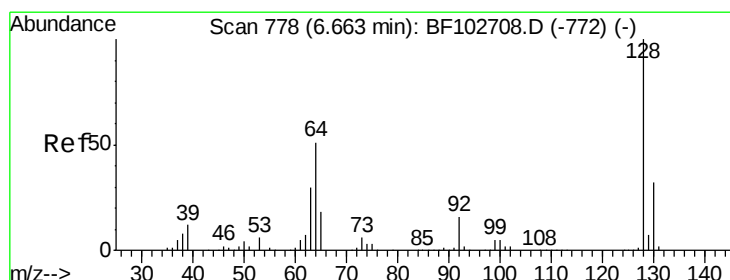
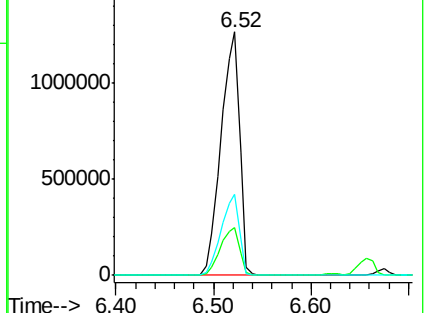
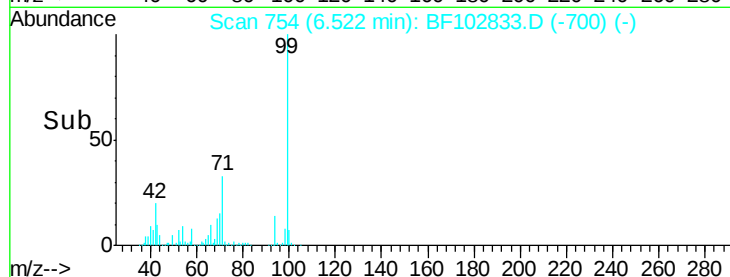
99 100

42 19.7 14.5 21.7

71 33.1 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: 41.24 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

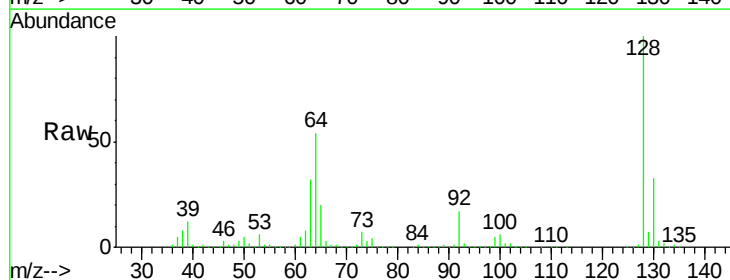
Tgt Ion:128 Resp: 556864

Ion Ratio Lower Upper

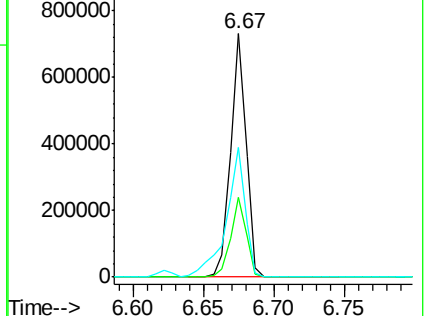
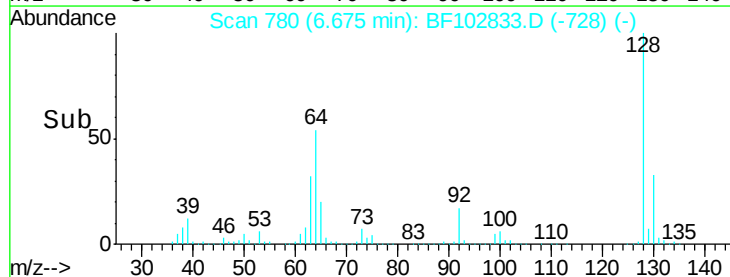
128 100

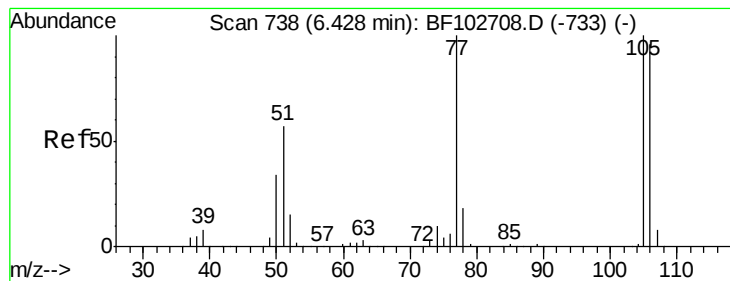
130 32.6 13.0 53.0

64 53.5 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: 15.11 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

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Acq: 7 Feb 2018 23:56

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ClientSampleId :

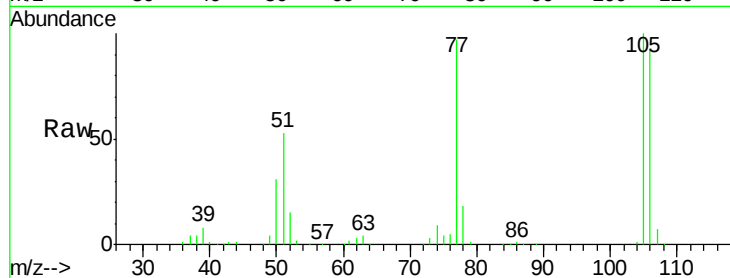
Tot Ion: 77 Resp: 177174

Ion Ratio Lower Upper

77 100

105 103.2 81.1 121.1

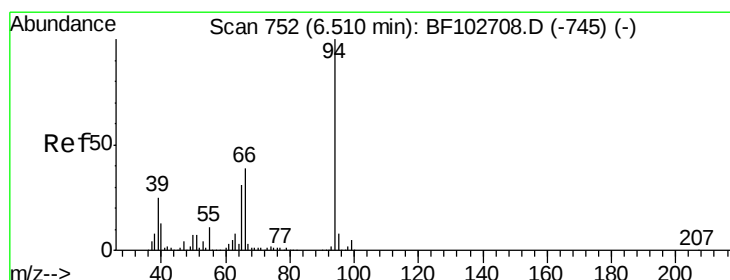
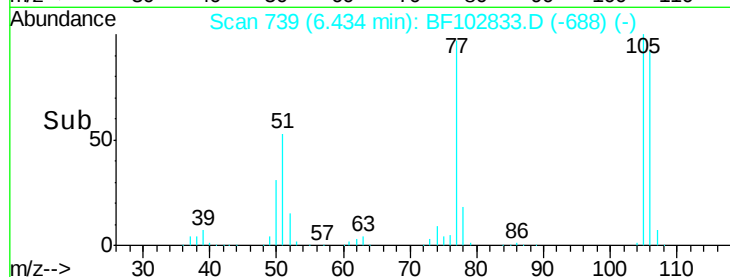
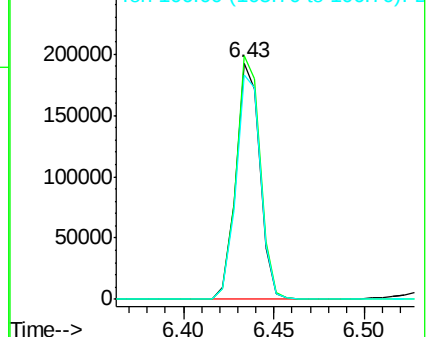
106 95.2 74.5 114.5



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: 43.21 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

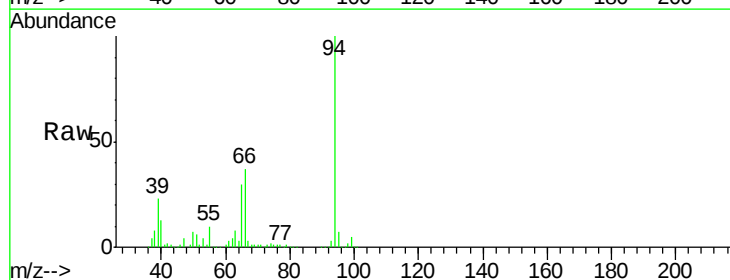
Tgt Ion: 94 Resp: 731337

Ion Ratio Lower Upper

94 100

65 29.9 7.9 47.9

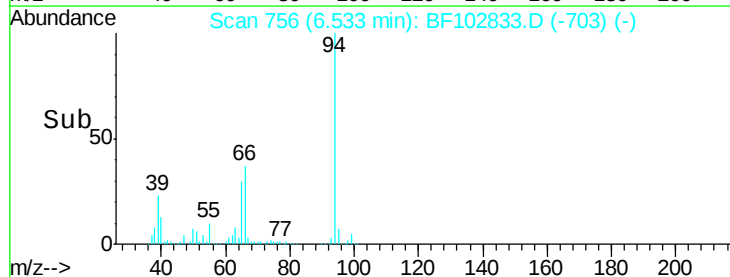
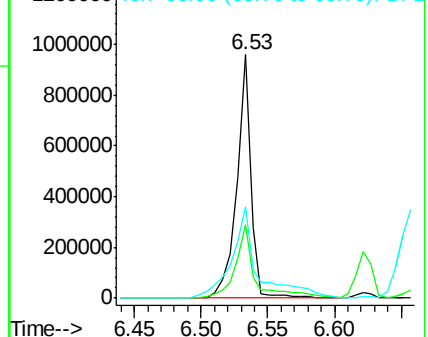
66 37.3 16.2 56.2

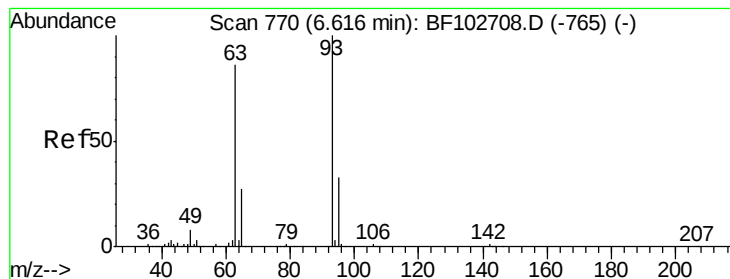


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

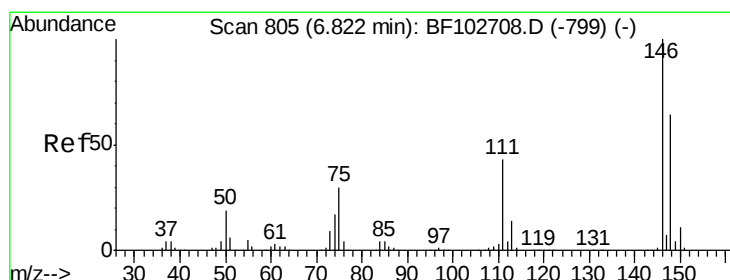
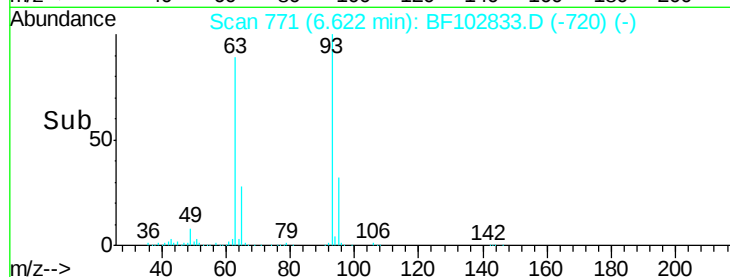
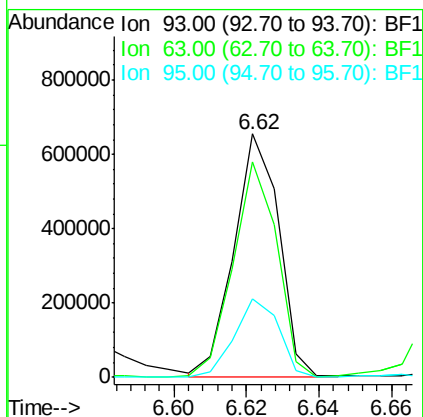
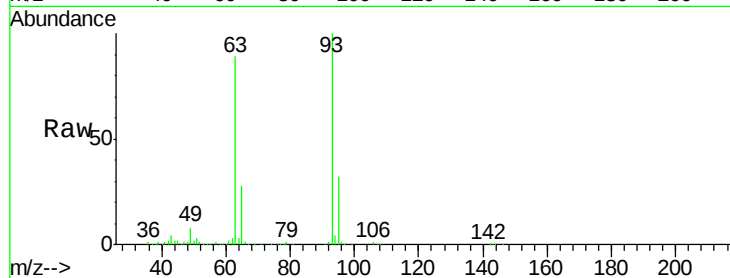




#11
bis(2-Chloroethyl)ether
Concen: 40.10 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

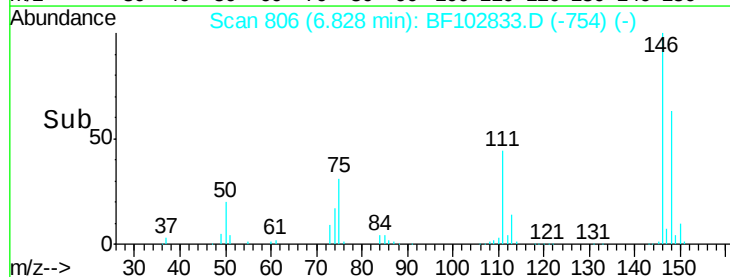
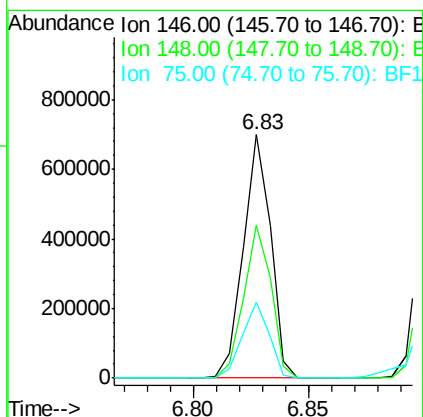
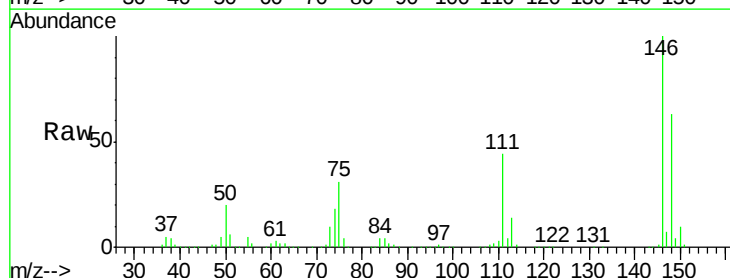
Instrument :
BNA_F
ClientSampleId :

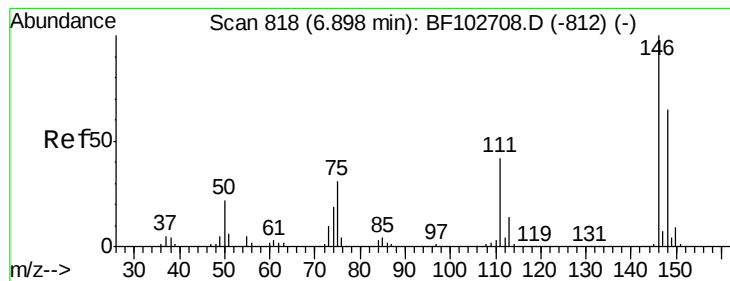
Tot Ion	Ratio	Lower	Upper
93	100		
63	88.7	58.6	98.6
95	32.4	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 37.06 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.8
75	31.2	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.56 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampled :

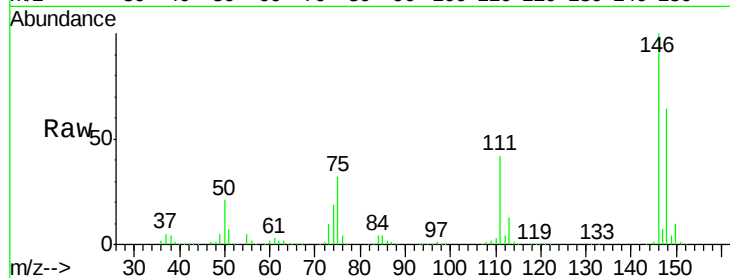
Tot Ion:146 Resp: 584983

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

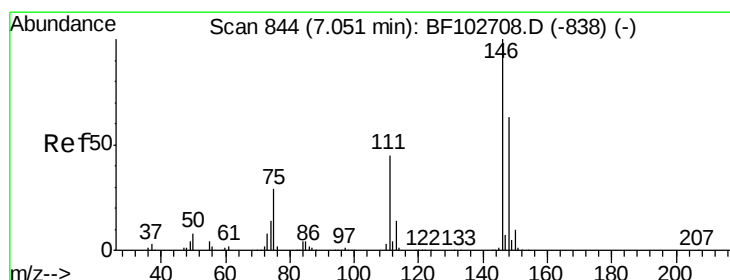
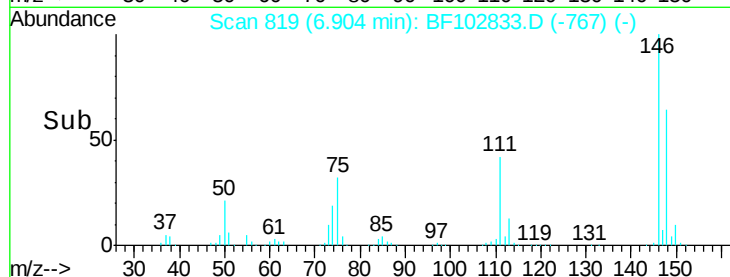
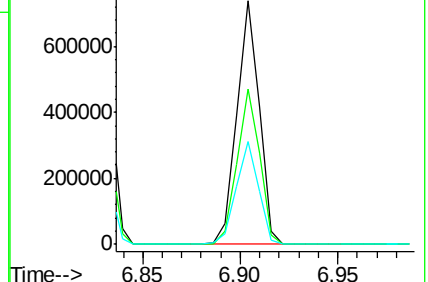
111 42.5 34.2 51.2



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: 37.09 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

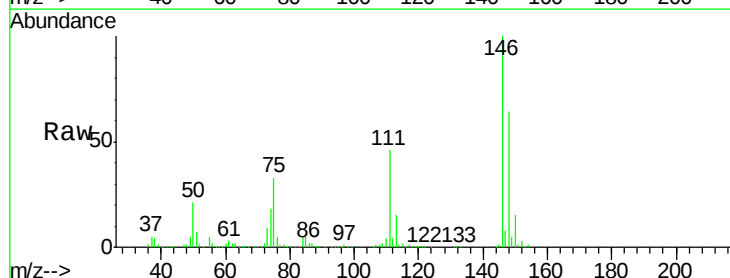
Tgt Ion:146 Resp: 538115

Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

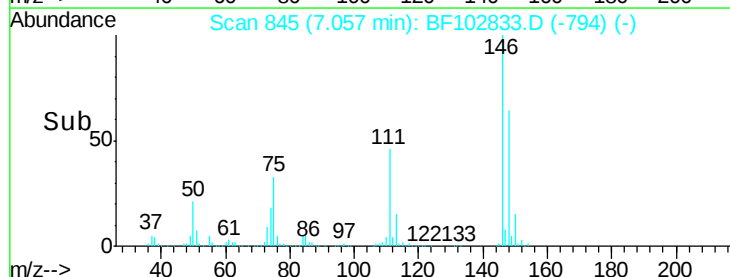
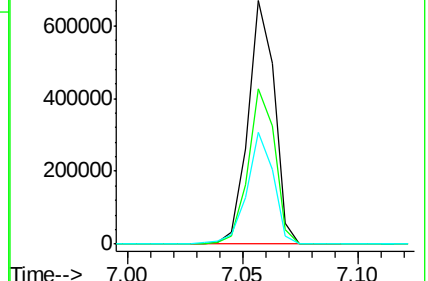
111 46.0 36.0 54.0

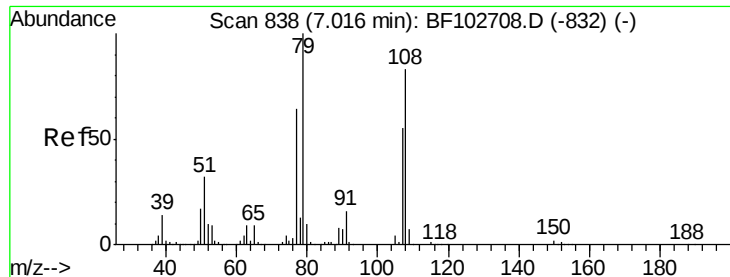


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.82 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampleId :

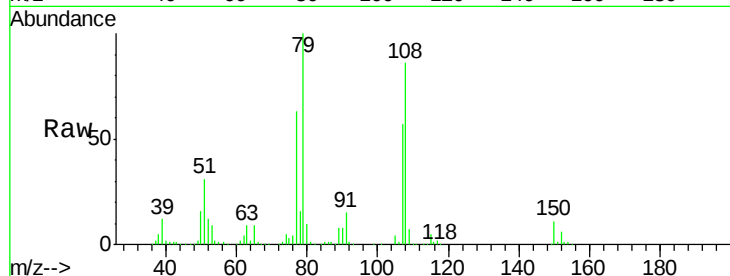
Tot Ion: 79 Resp: 483454

Ion Ratio Lower Upper

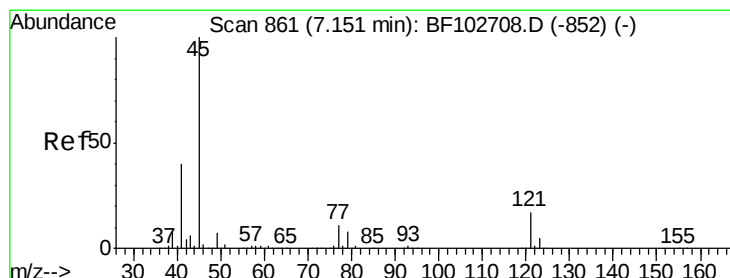
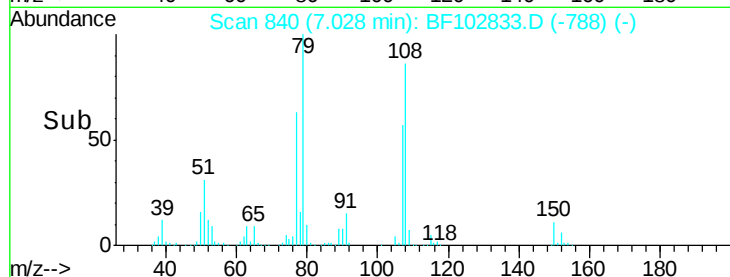
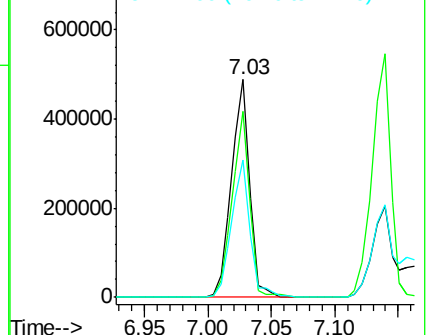
79 100

108 85.6 65.1 97.7

77 63.2 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: 37.07 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

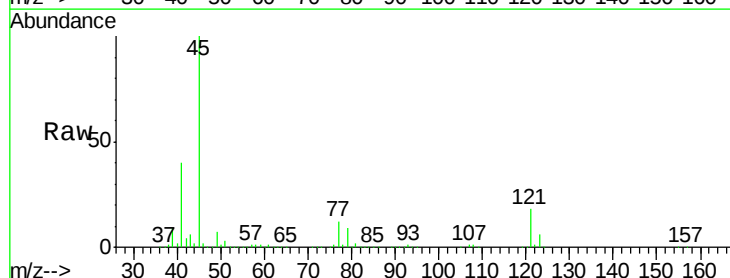
Tgt Ion: 45 Resp: 991664

Ion Ratio Lower Upper

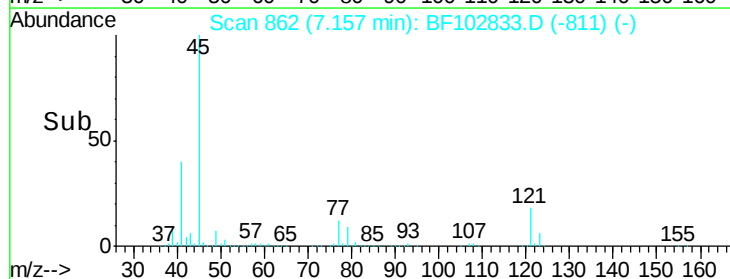
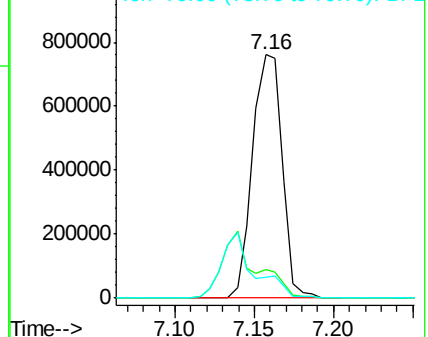
45 100

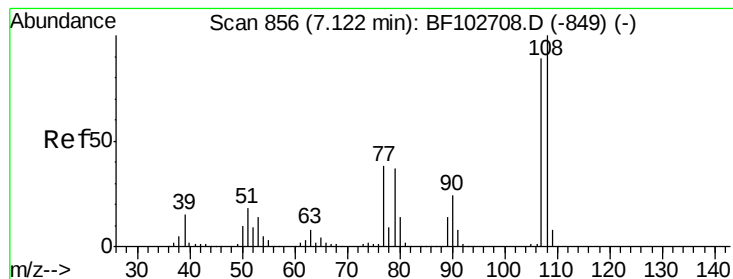
77 11.8 0.0 32.9

79 8.7 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

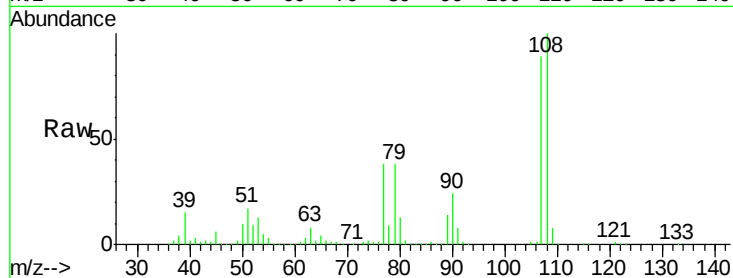




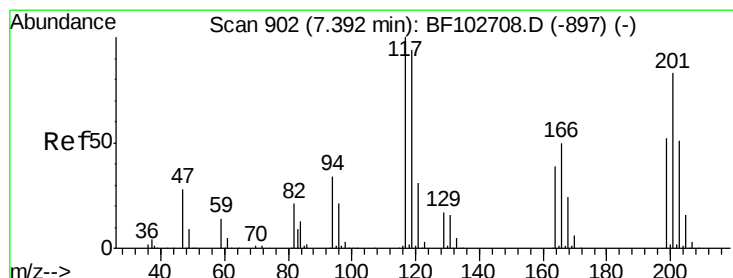
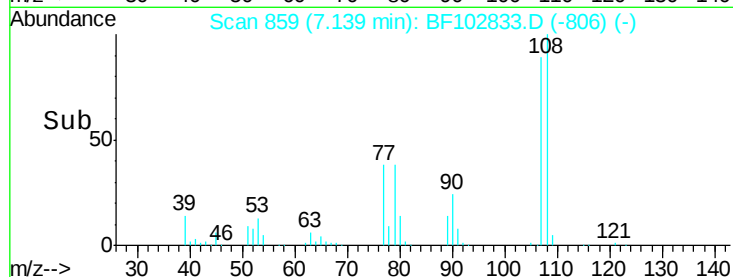
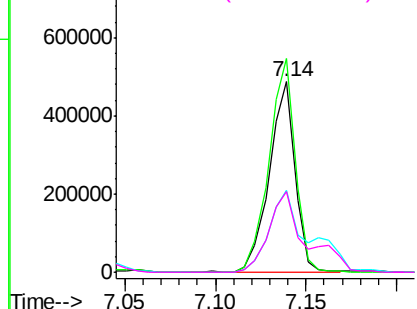
#17
2-Methylphenol
Concen: 38.50 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 479509
Ion Ratio Lower Upper
107 100
108 112.2 91.7 137.5
77 42.8 33.8 50.8
79 42.1 33.8 50.8

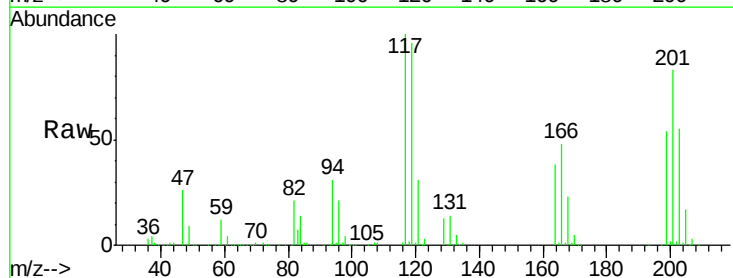


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

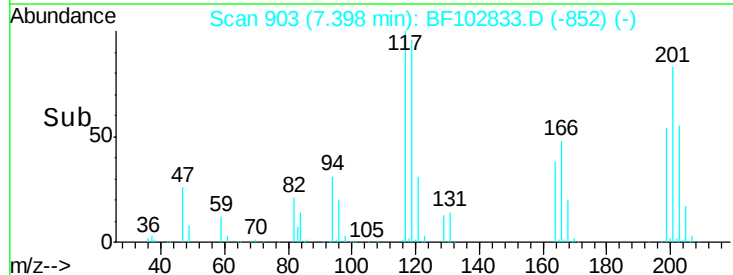
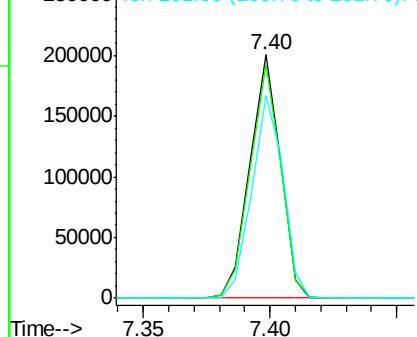


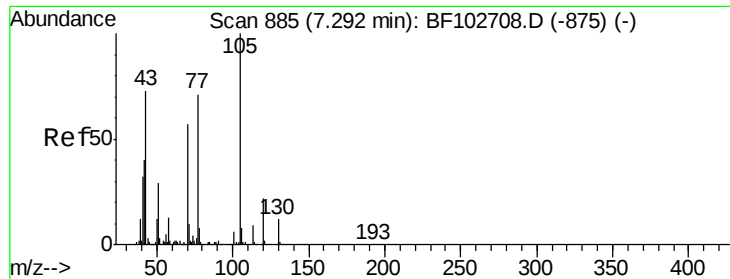
#18
Hexachloroethane
Concen: 31.46 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Tgt Ion:117 Resp: 168020
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
201 83.5 75.7 113.5



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

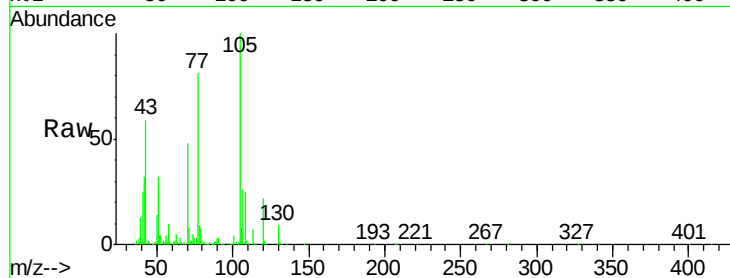




#19
n-Nitroso-di-n-propylamine
Concen: 36.07 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.2	47.5	71.3
101	9.0	7.4	11.2
130	19.9	16.6	25.0



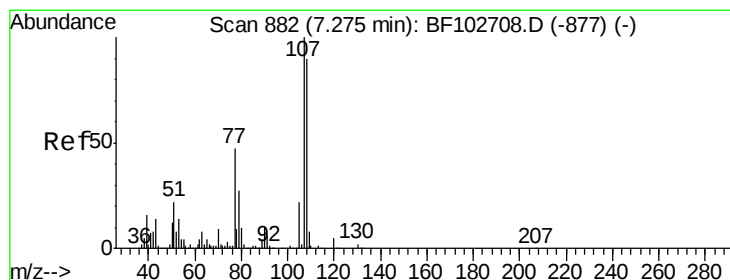
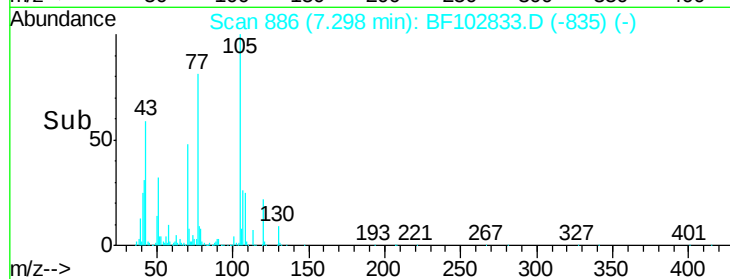
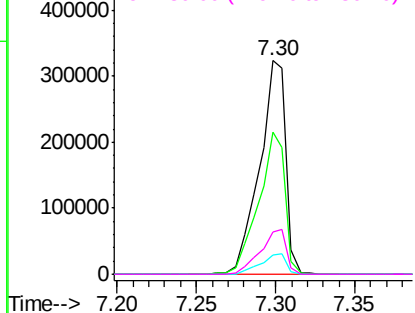
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 35.83 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.1	68.2	108.2
77	114.5	26.7	66.7#
79	29.1	6.3	46.3

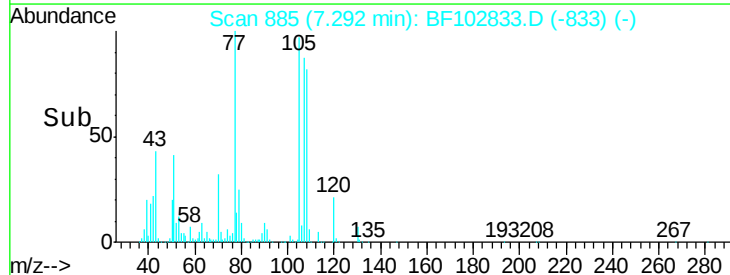
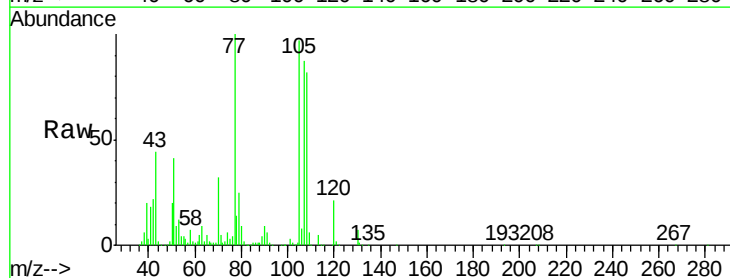
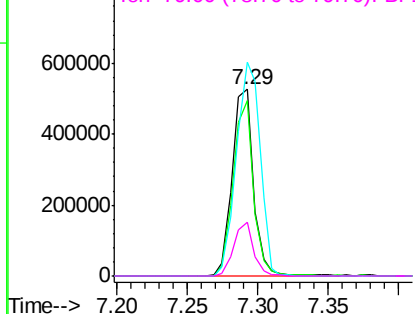
Abundance

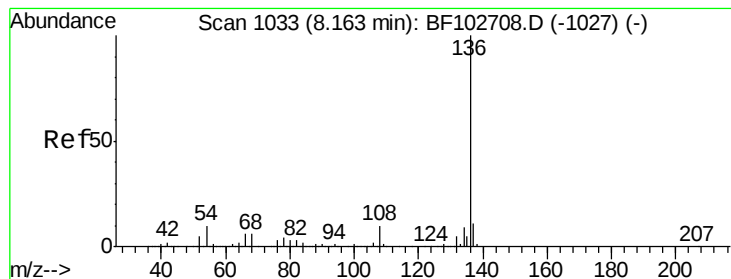
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 805818

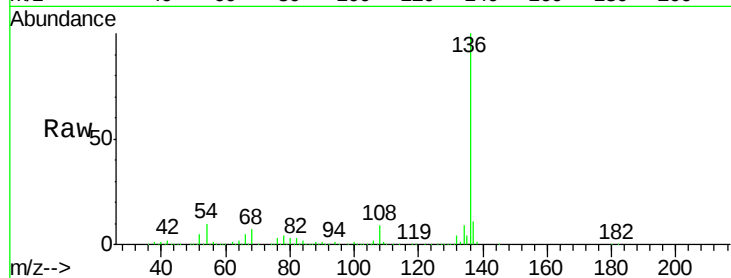
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.2 6.6 9.8#

68 6.5 5.0 7.4

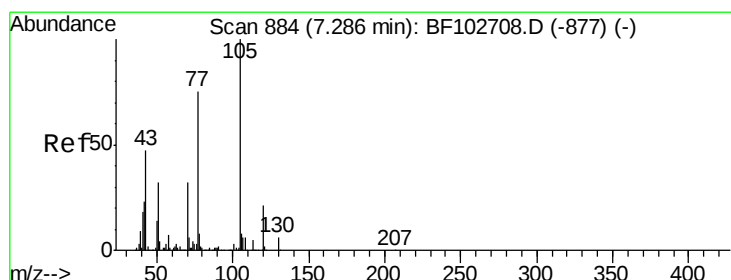
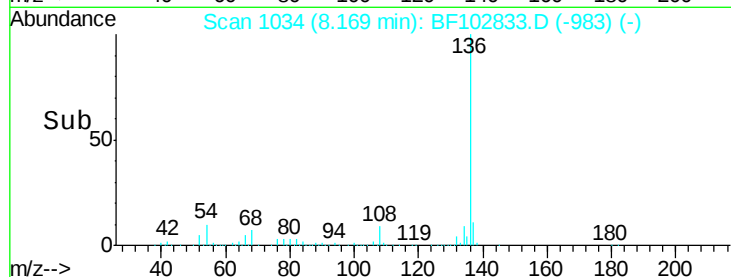
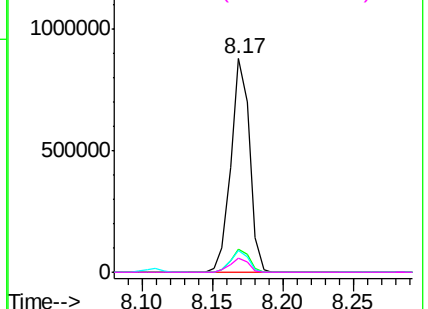


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.09 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Tgt Ion:105 Resp: 731297

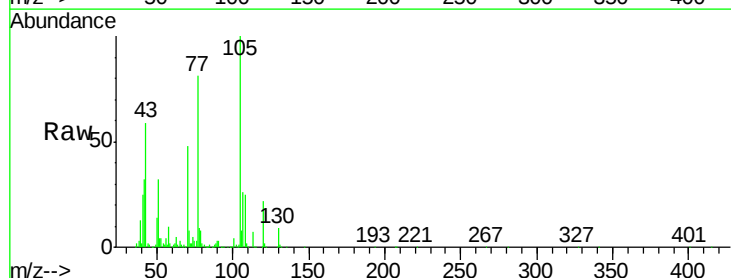
Ion Ratio Lower Upper

105 100

71 7.7 4.4 6.6#

51 32.3 22.3 33.5

120 21.7 16.9 25.3

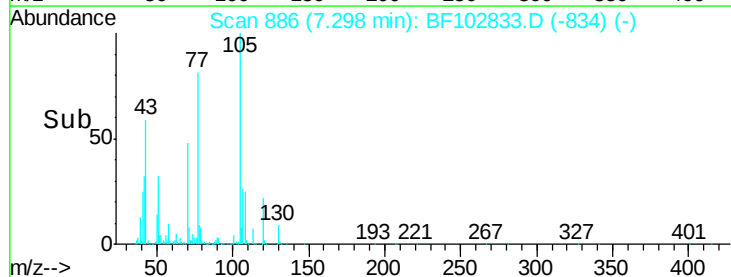
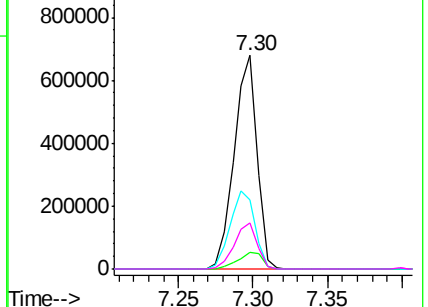


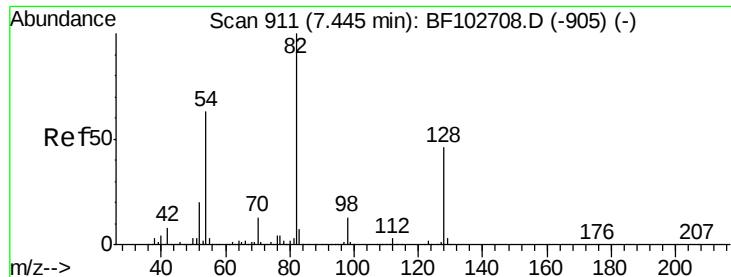
Abundance Ion 105.00 (104.70 to 105.70): E

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

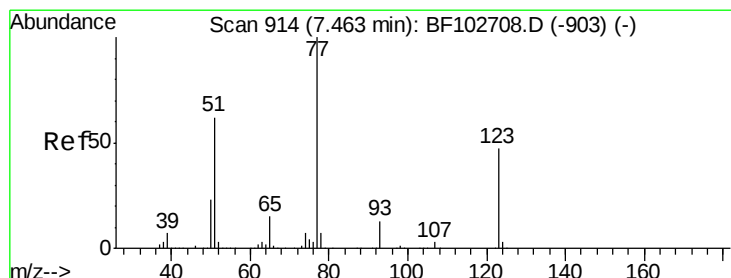
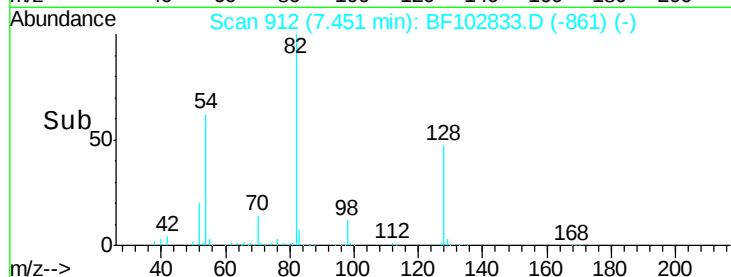
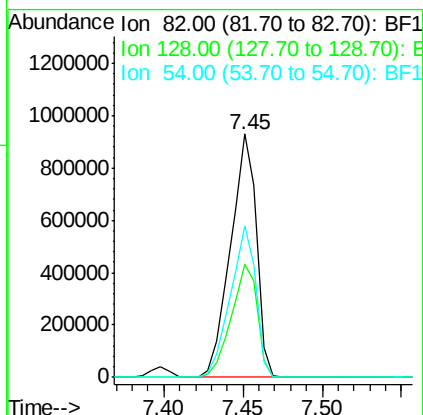
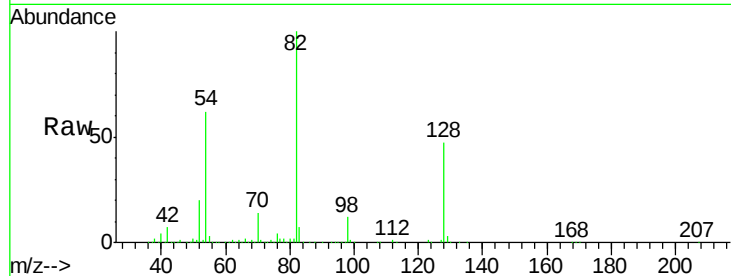




#23
 Nitrobenzene-d5
 Concen: 90.36 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

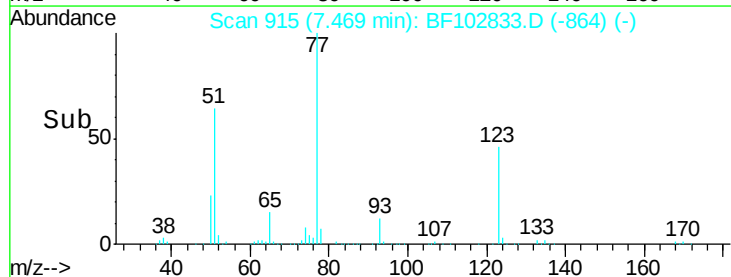
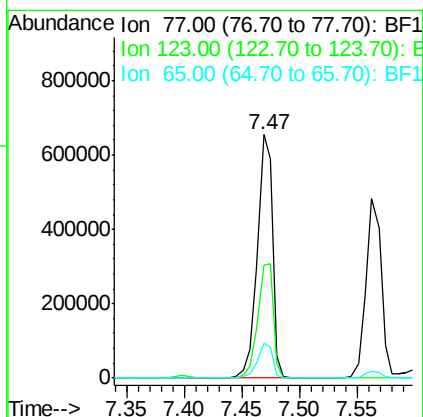
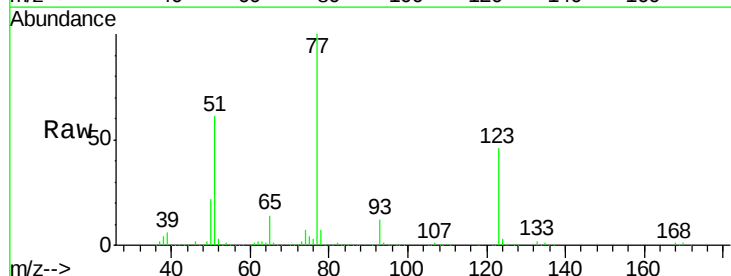
Instrument :
 BNA_F
 ClientSampleID :

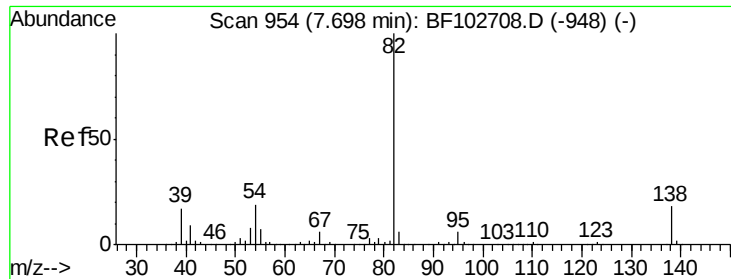
Tot Ion: 82 Resp: 1049686
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 62.2 41.4 62.2#



#24
 Nitrobenzene
 Concen: 44.06 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

Tgt Ion: 77 Resp: 601993
 Ion Ratio Lower Upper
 77 100
 123 46.3 37.9 56.9
 65 14.4 11.0 16.4





#25

Isophorone

Concen: 40.56 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :
BNA_F
ClientSampled :

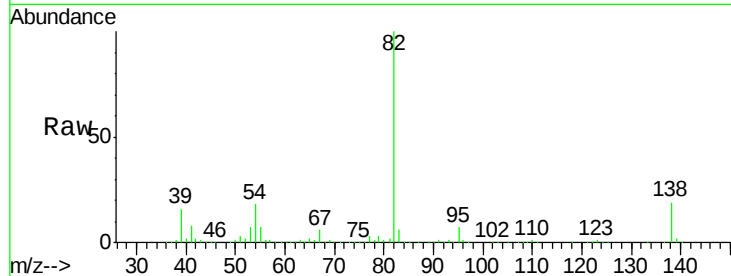
Tot Ion: 82 Resp: 1084782

Ion Ratio Lower Upper

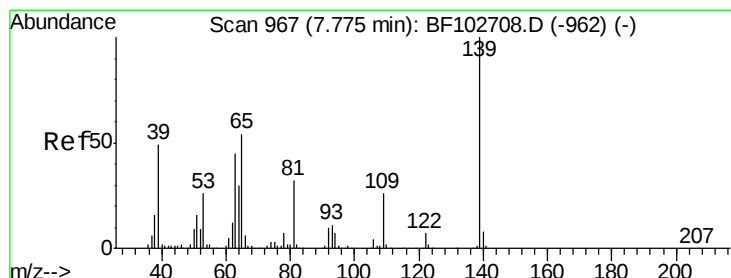
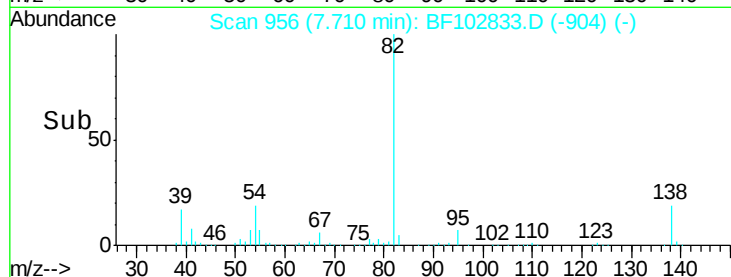
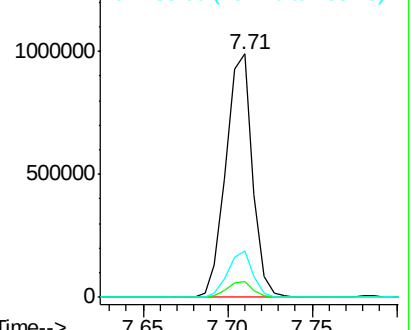
82 100

95 6.6 5.2 7.8

138 19.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.94 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

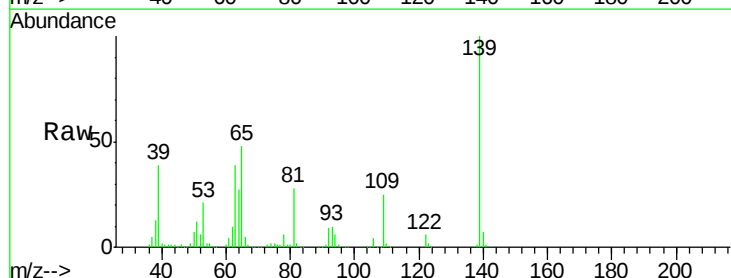
Tgt Ion: 139 Resp: 282771

Ion Ratio Lower Upper

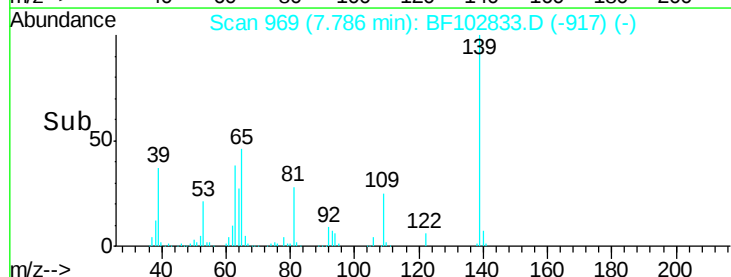
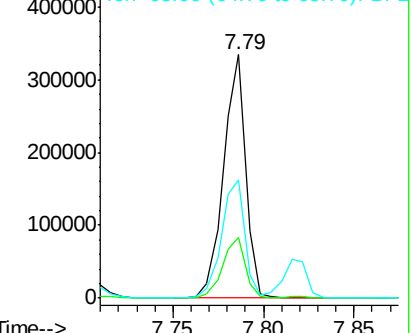
139 100

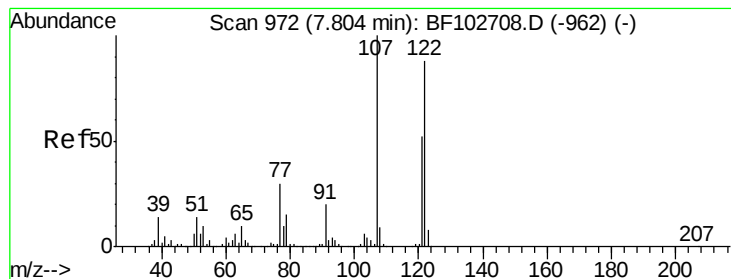
109 24.7 22.7 34.1

65 48.4 40.5 60.7



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

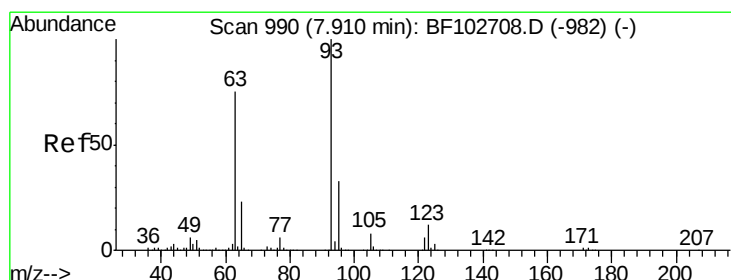
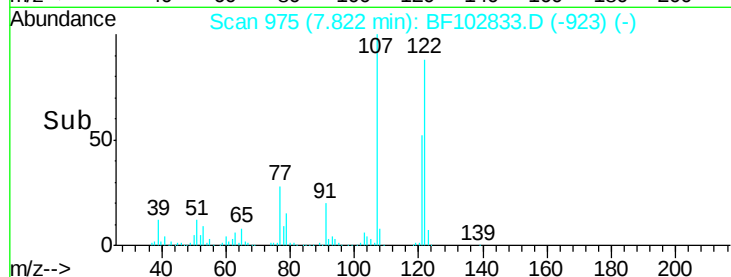
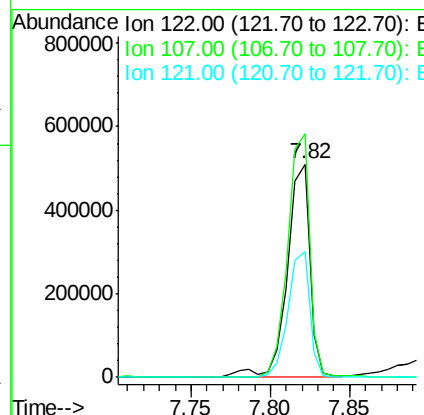
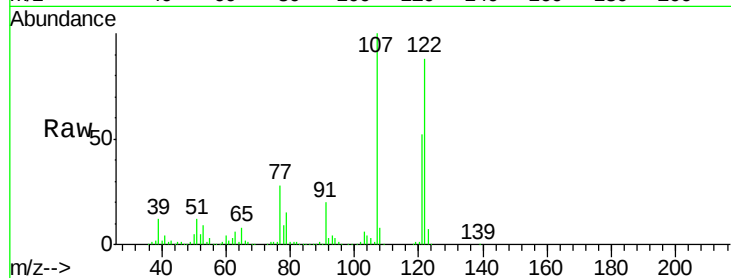




#27
 2,4-Dimethylphenol
 Concen: 44.94 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

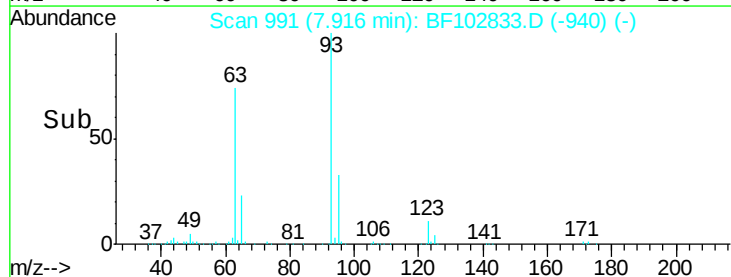
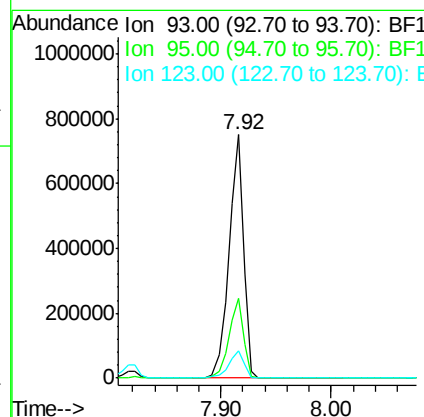
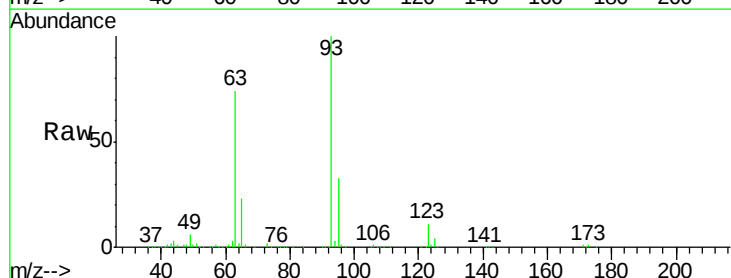
Instrument :
 BNA_F
 ClientSampleId :

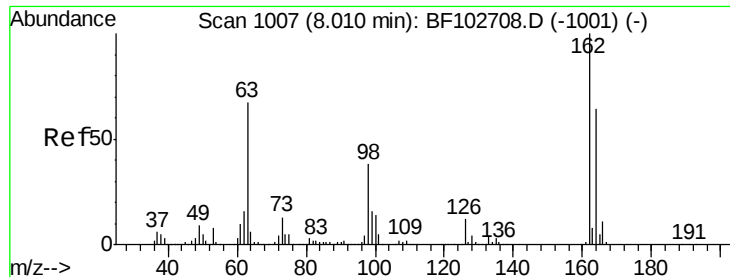
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.1	91.2	136.8
121	59.1	47.2	70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.74 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.1	9.8	14.6

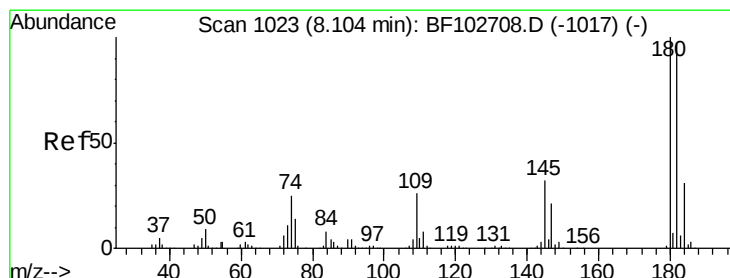
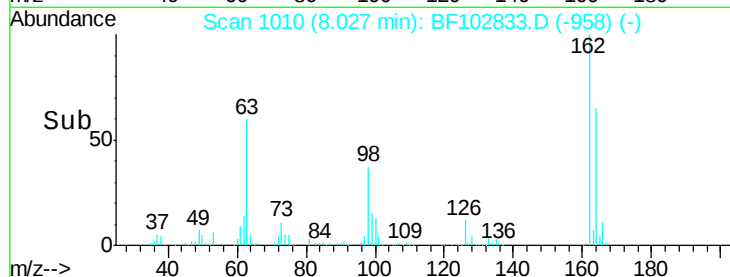
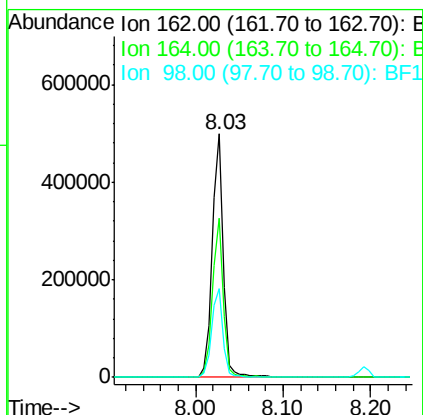
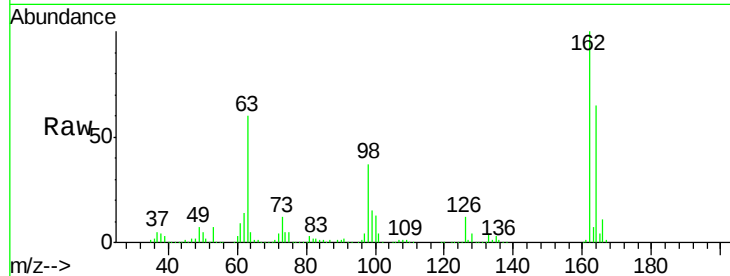




#29
 2,4-Dichlorophenol
 Concen: 42.92 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

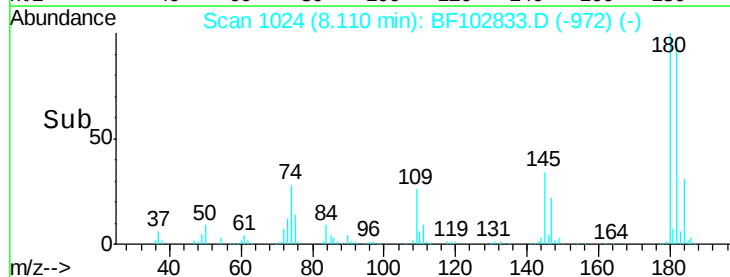
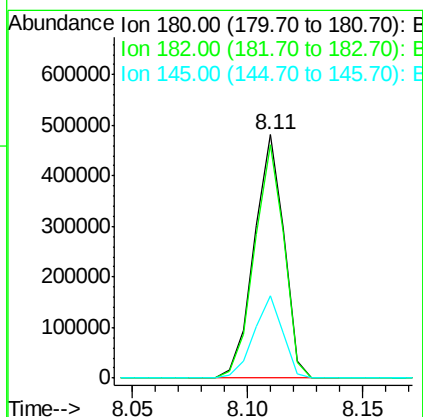
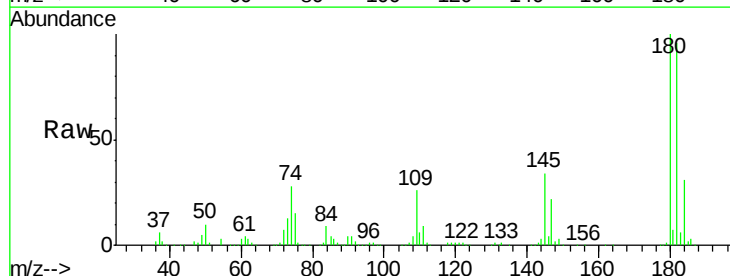
Instrument :
 BNA_F
 ClientSampleId :

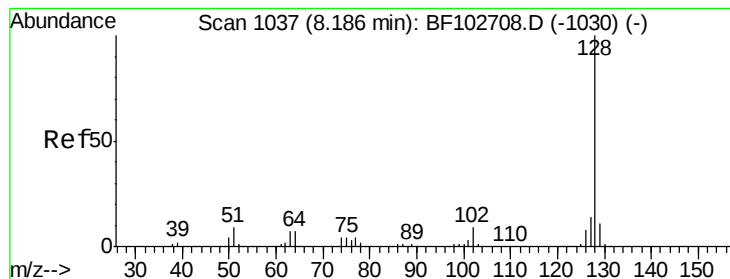
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.7	82.7
98	36.6	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 37.28 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.8	115.2
145	33.9	26.5	39.7





#31

Naphthalene

Concen: 38.21 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampleId :

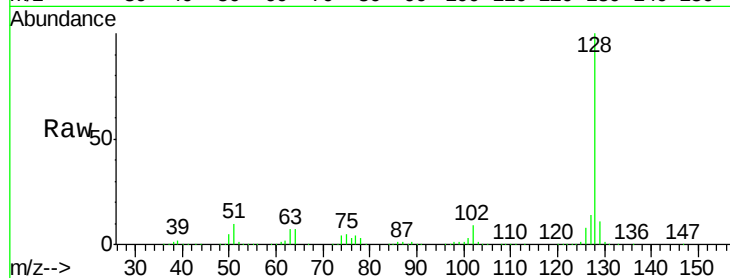
Tot Ion:128 Resp: 1504464

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

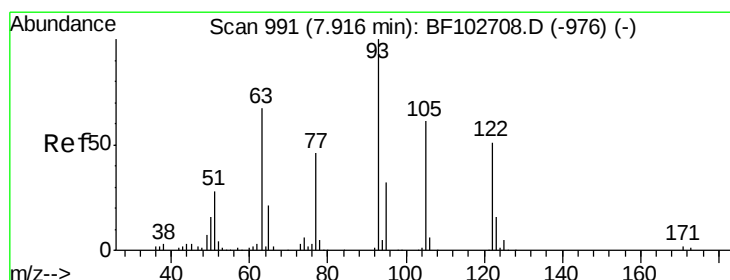
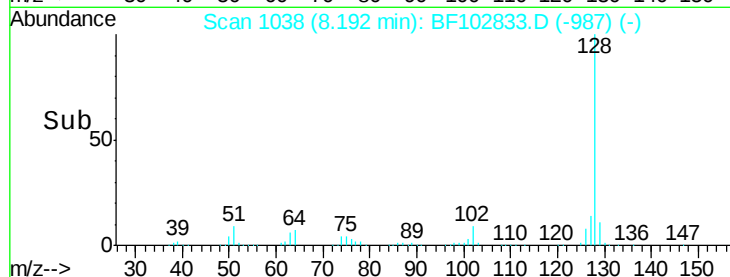
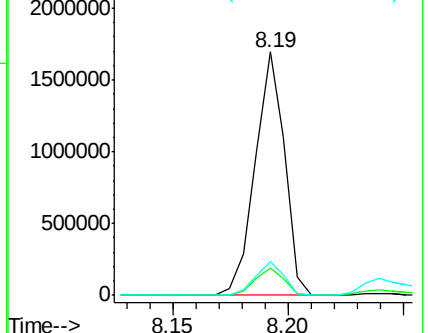
127 13.7 10.9 16.3



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: 16.83 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.04 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

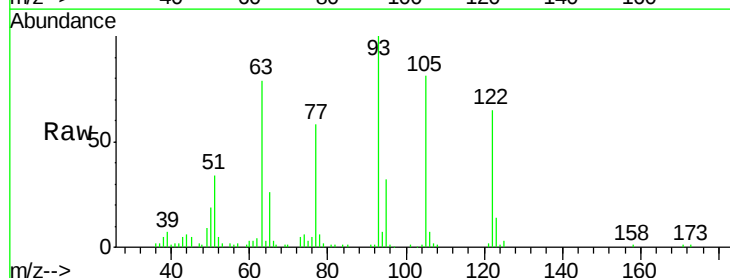
Tgt Ion:122 Resp: 70807

Ion Ratio Lower Upper

122 100

105 124.9 101.1 141.1

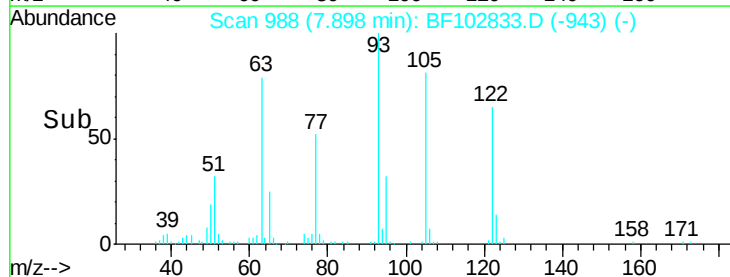
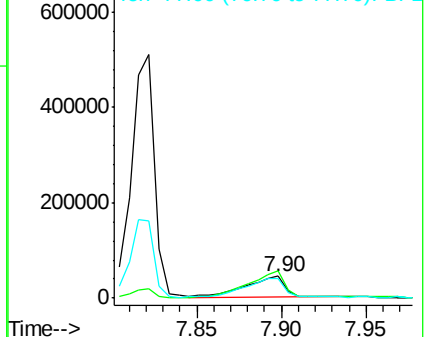
77 88.4 70.7 110.7

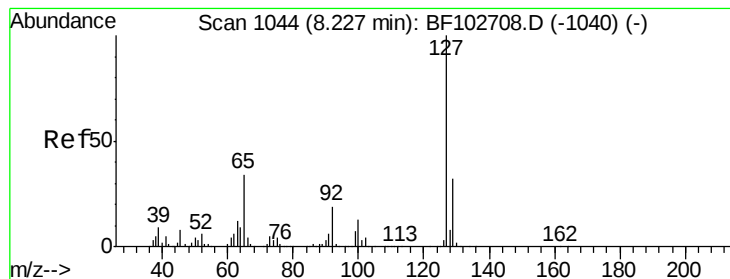


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 10.48 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 177807

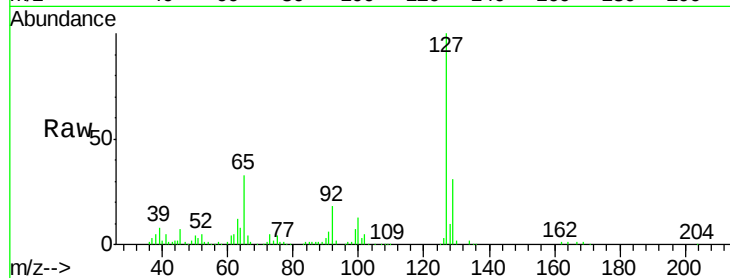
Ion Ratio Lower Upper

127 100

129 30.9 25.9 38.9

65 32.9 25.0 37.4

92 17.6 15.2 22.8

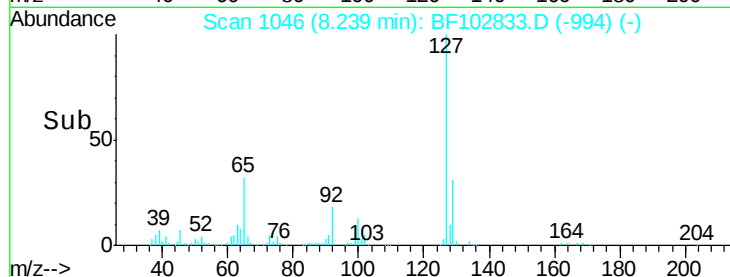


Abundance Ion 127.00 (126.70 to 127.70): E

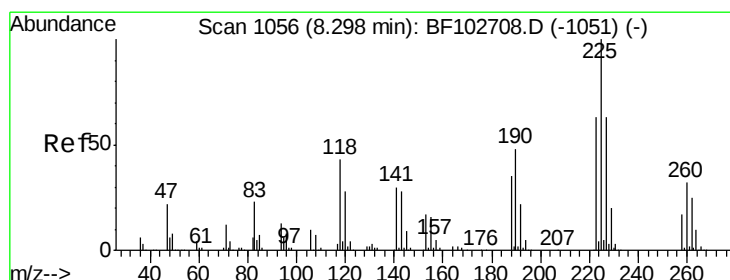
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



Time-->



#34

Hexachlorobutadiene

Concen: 37.03 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

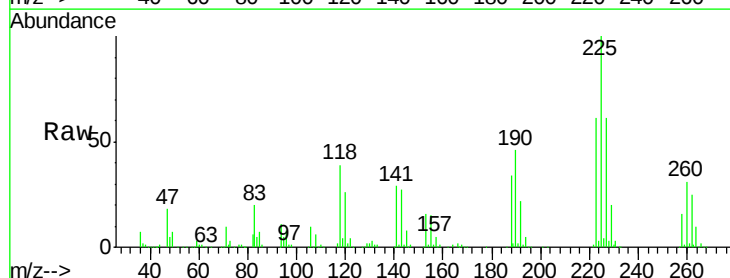
Tgt Ion:225 Resp: 220509

Ion Ratio Lower Upper

225 100

223 60.8 50.6 76.0

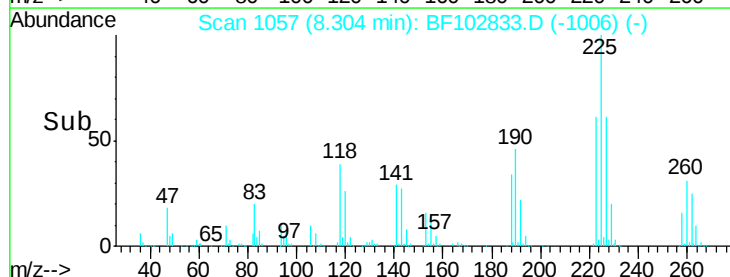
227 61.3 51.9 77.9



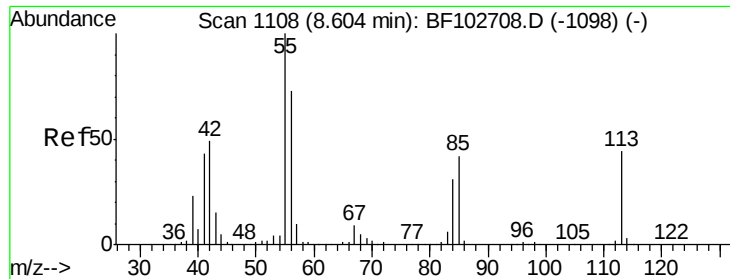
Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



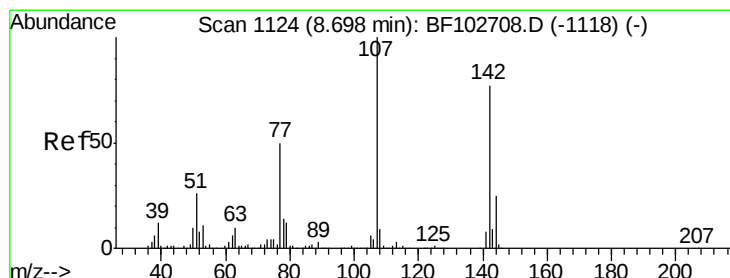
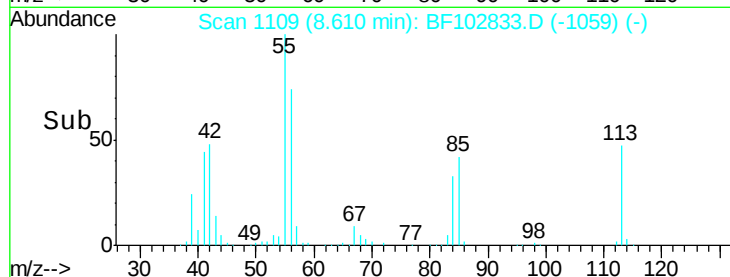
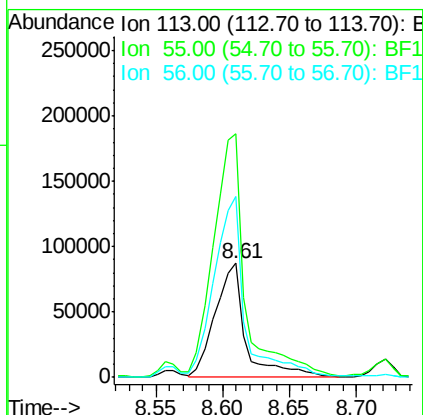
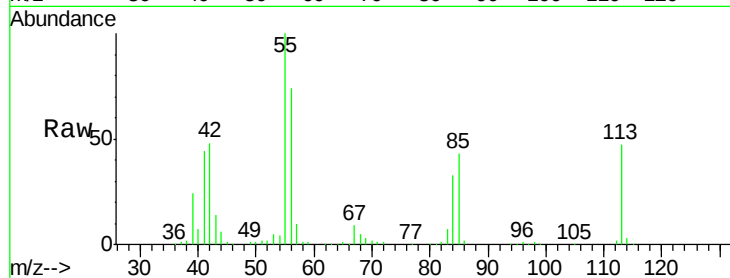
Time-->



#35
 Caprolactam
 Concen: 39.79 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

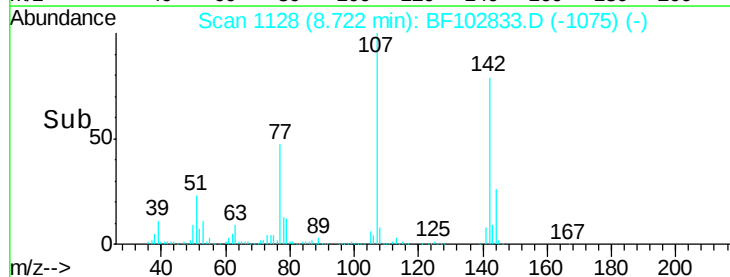
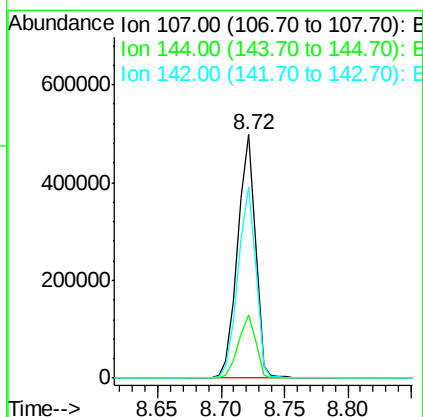
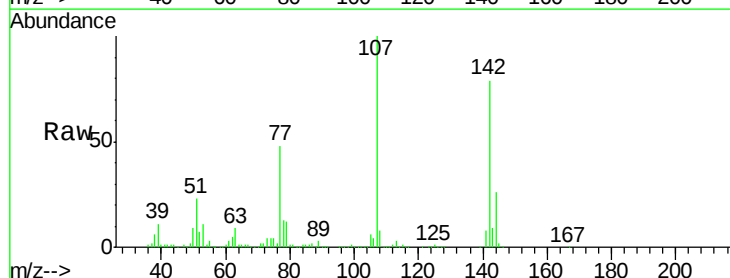
Instrument :
 BNA_F
 ClientSampleId :

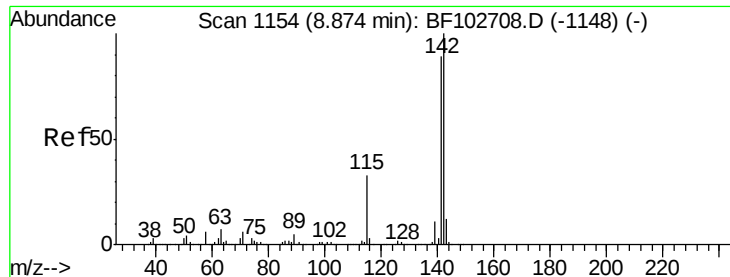
Tot Ion:113 Resp: 141964
 Ion Ratio Lower Upper
 113 100
 55 213.0 163.3 203.3#
 56 157.8 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 41.59 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

Tgt Ion:107 Resp: 480040
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 78.5 62.0 93.0

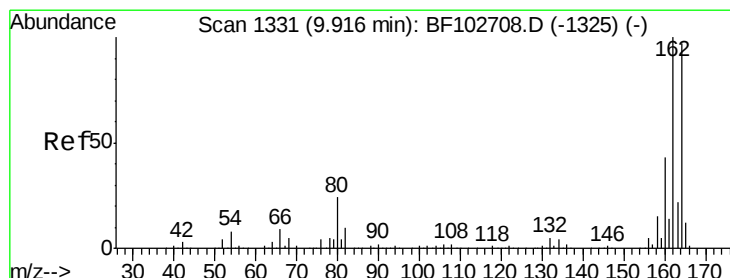
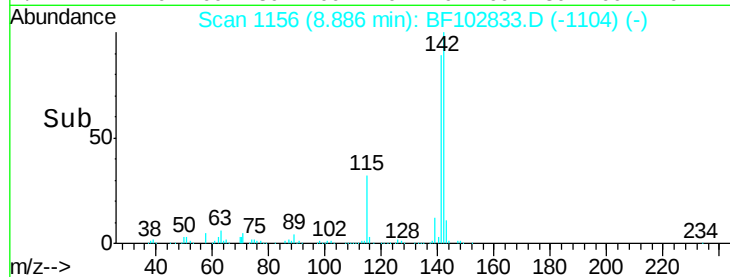
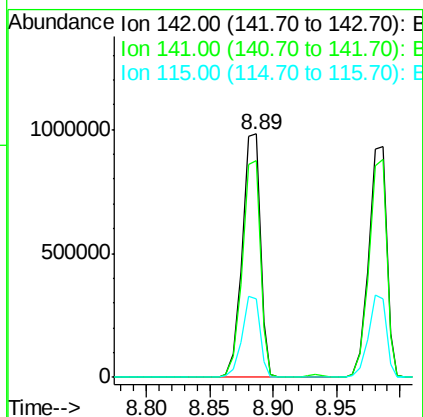
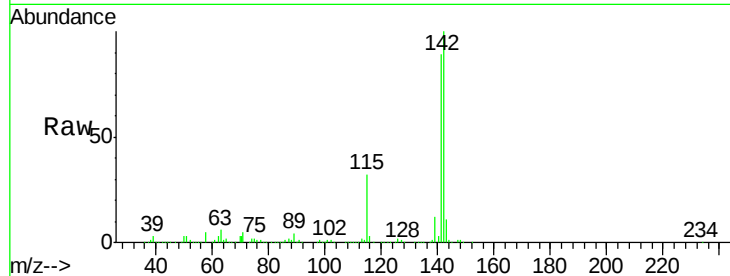




#37
 2-Methylnaphthalene
 Concen: 37.55 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

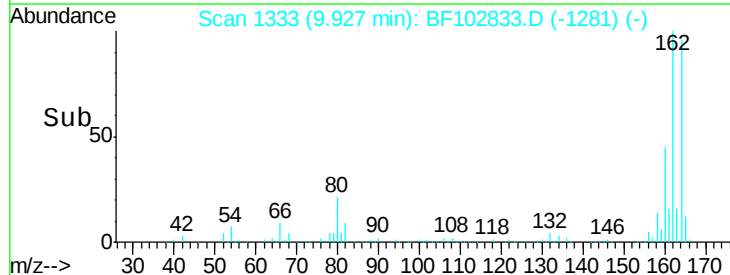
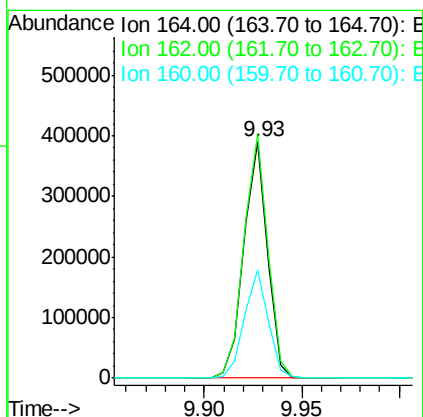
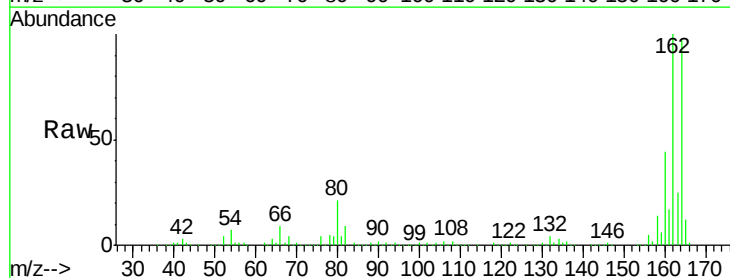
Instrument :
 BNA_F
 ClientSampleId :

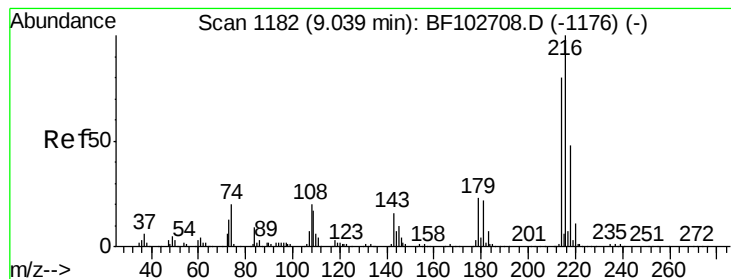
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	32.3	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	86.1	129.1
160	45.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.33 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 367950

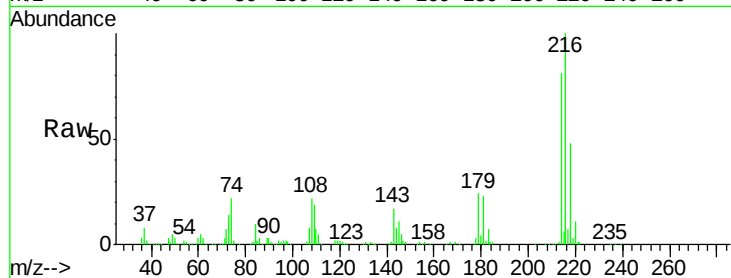
Ion Ratio Lower Upper

216 100

214 80.9 63.0 94.4

179 23.7 18.1 27.1

108 21.1 17.2 25.8

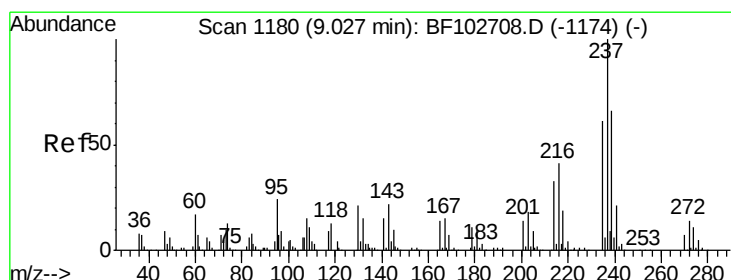
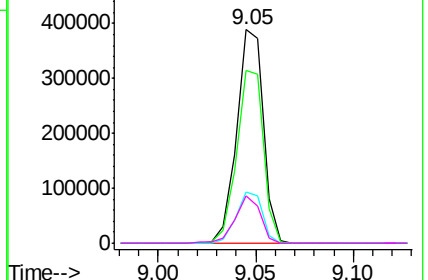
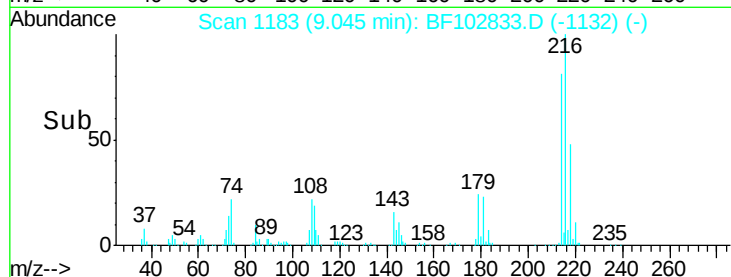


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 7.95 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

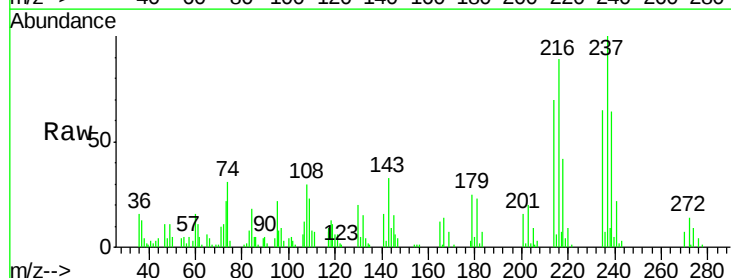
Tgt Ion:237 Resp: 33630

Ion Ratio Lower Upper

237 100

235 64.8 44.8 84.8

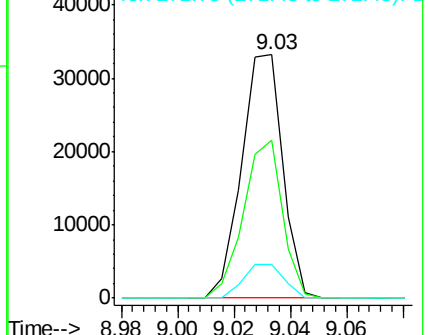
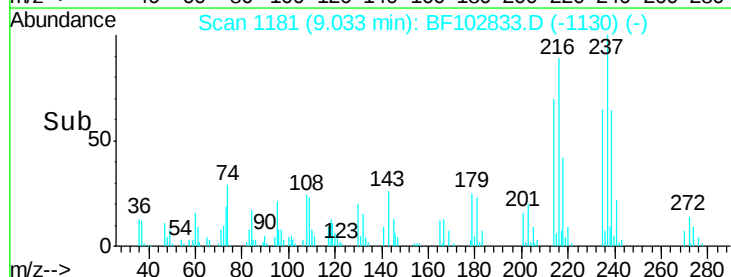
272 13.6 0.0 33.3

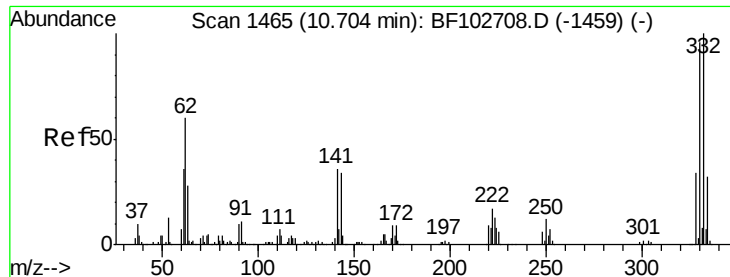


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

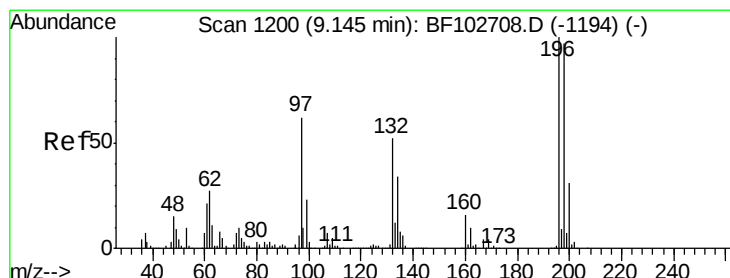
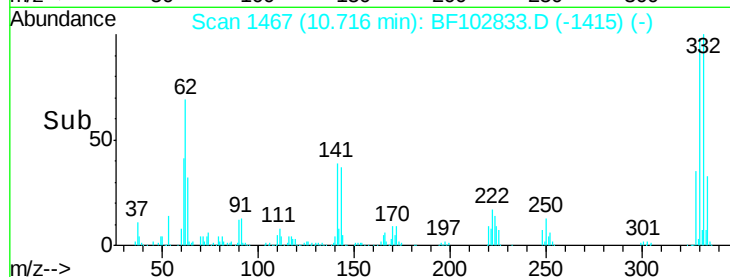
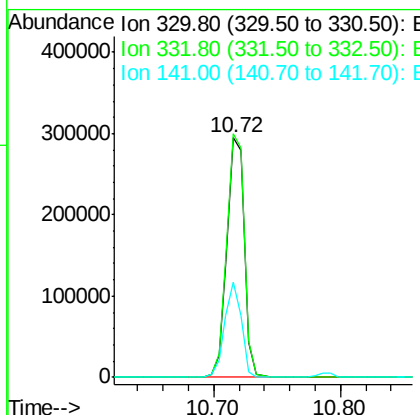
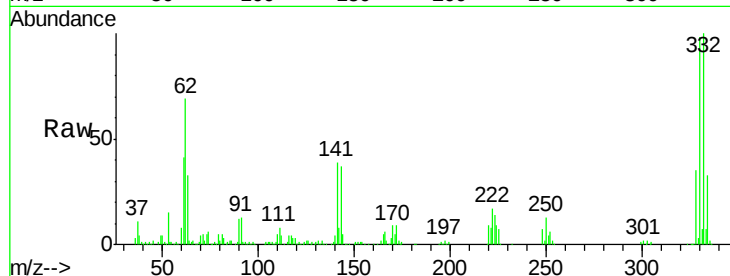




#41
 2,4,6-Tribromophenol
 Concen: 106.96 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

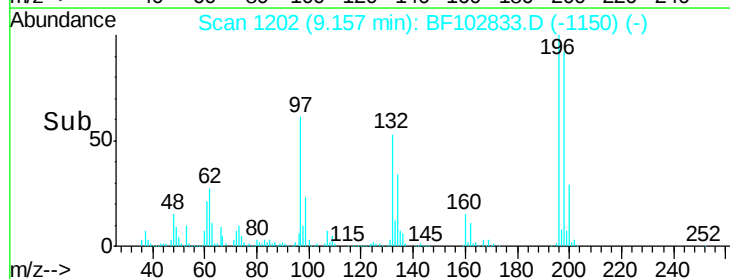
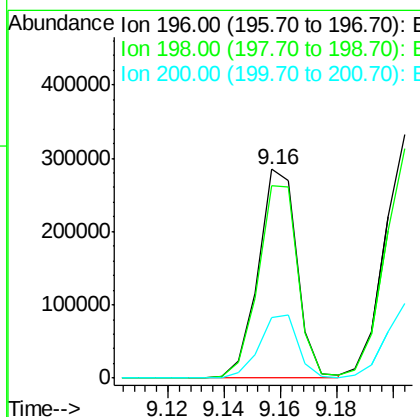
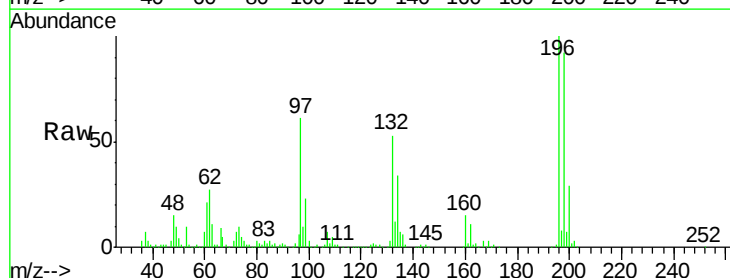
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.2	77.0	115.6
141	38.3	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 46.41 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.4	75.7	113.5
200	29.0	24.5	36.7

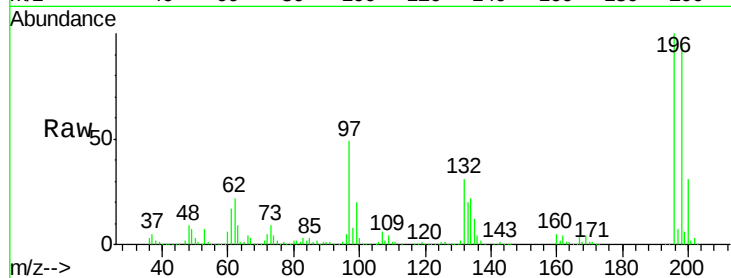




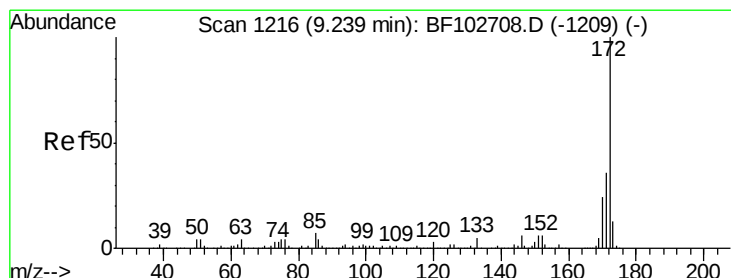
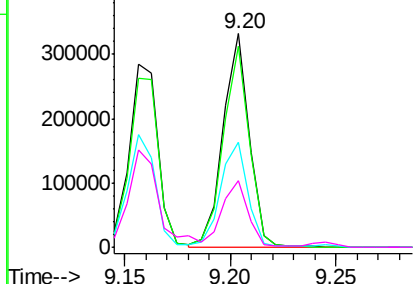
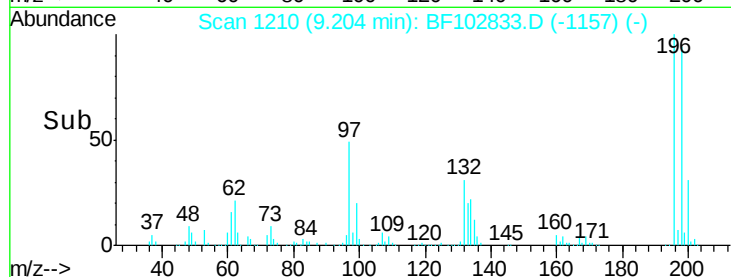
#43
 2,4,5-Trichlorophenol
 Concen: 42.75 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	281771
Ion	Ratio	Lower Upper
196	100	
198	94.3	74.6 112.0
97	49.4	42.9 64.3
132	31.1	26.3 39.5

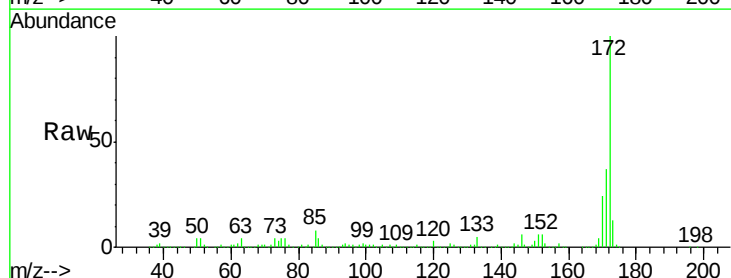


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

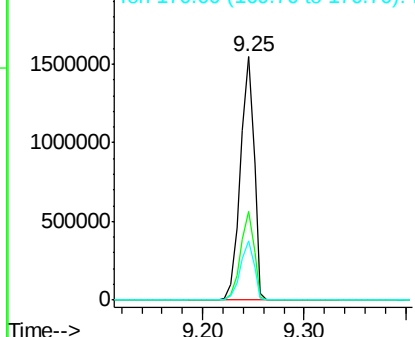
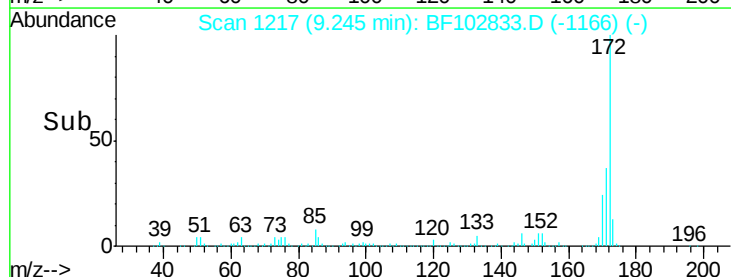


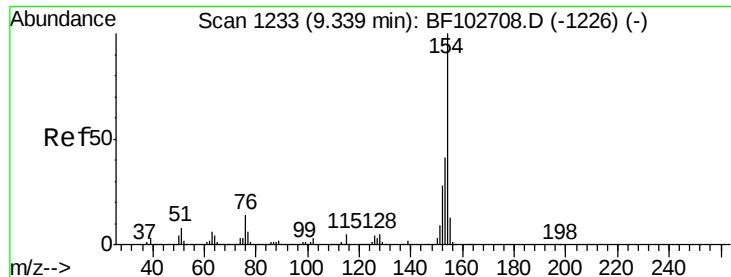
#44
 2-Fluorobiphenyl
 Concen: 73.92 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

Tgt Ion:172	Resp:	1456599
Ion	Ratio	Lower Upper
172	100	
171	36.5	29.7 44.5
170	24.2	19.6 29.4



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

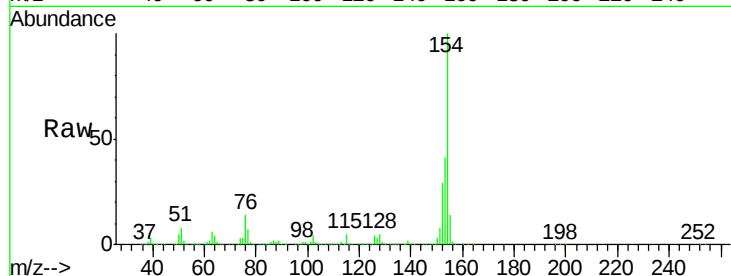




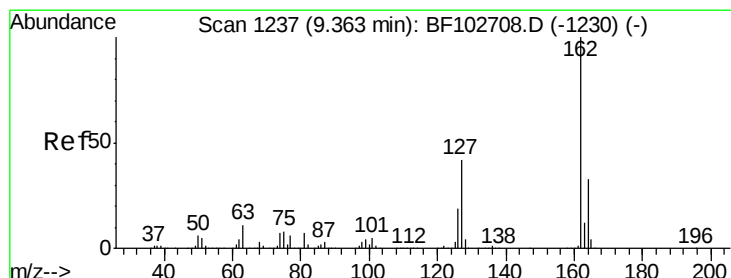
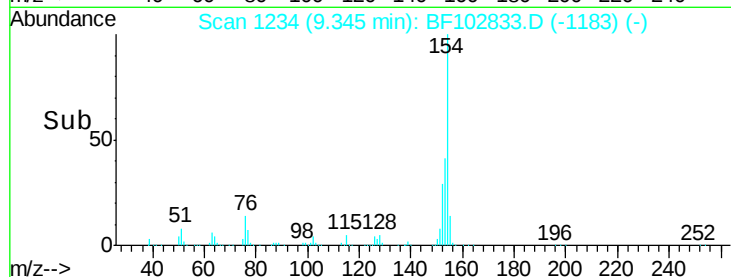
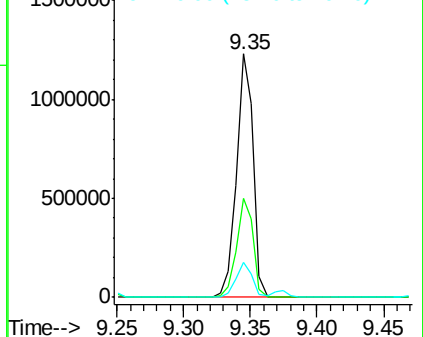
#45
 1,1'-Biphenyl
 Concen: 39.06 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1075767
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 14.5 0.0 34.0

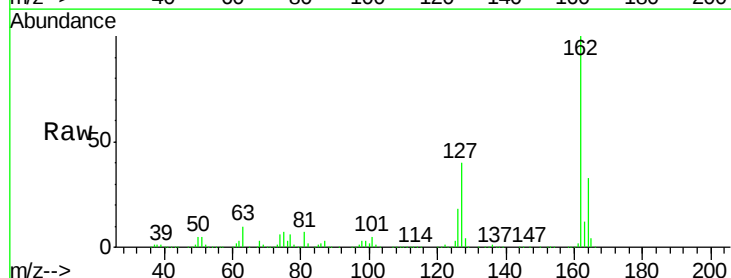


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

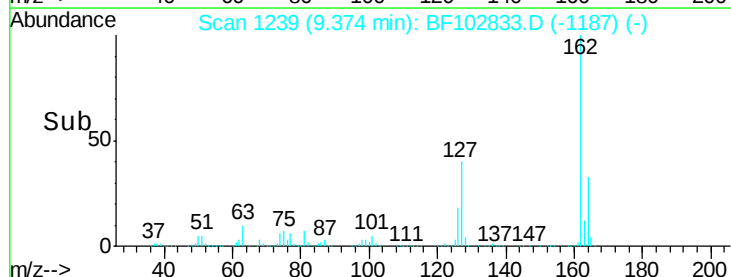
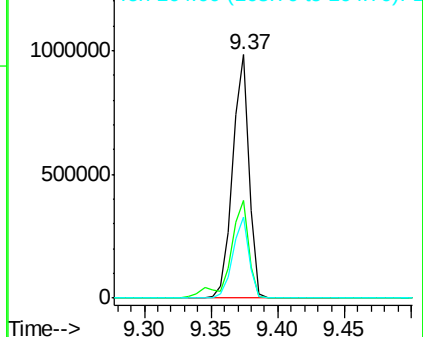


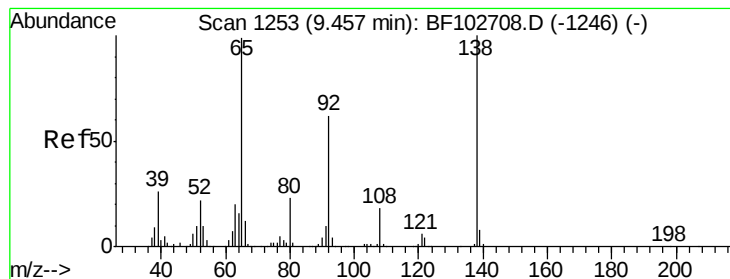
#46
 2-Chloronaphthalene
 Concen: 39.43 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

Tgt Ion:162 Resp: 854937
 Ion Ratio Lower Upper
 162 100
 127 40.0 33.9 50.9
 164 33.1 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.63 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampleId :

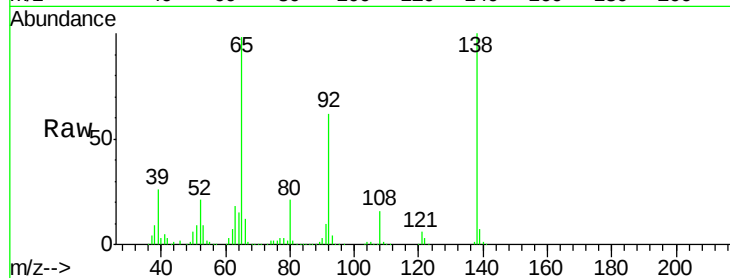
Tot Ion: 65 Resp: 325679

Ion Ratio Lower Upper

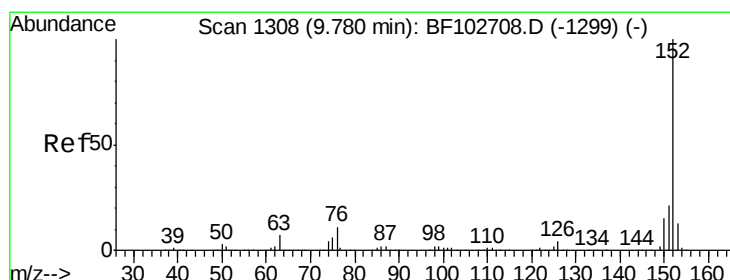
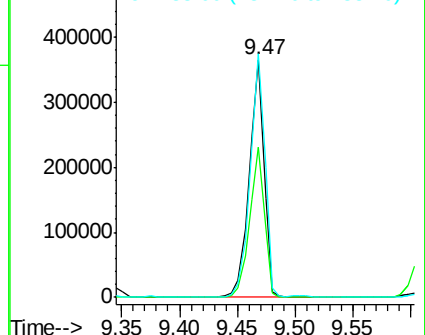
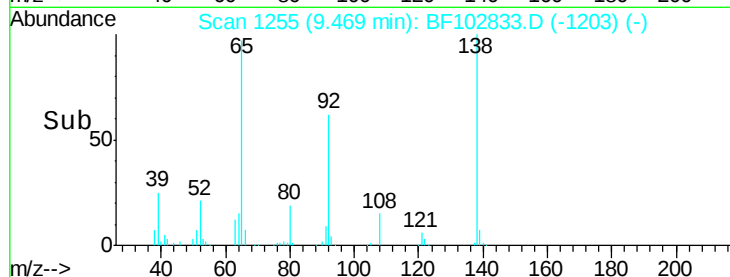
65 100

92 63.2 55.8 83.6

138 102.4 91.2 136.8



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



#48

Acenaphthylene

Concen: 36.86 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

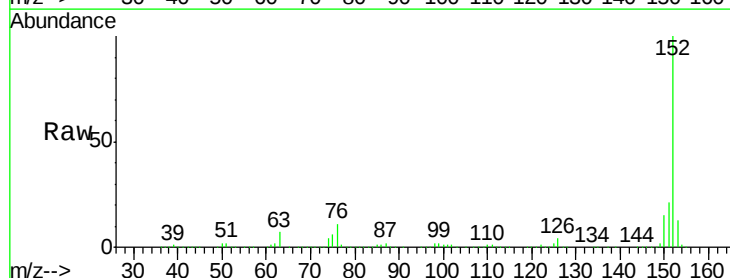
Tgt Ion: 152 Resp: 1241354

Ion Ratio Lower Upper

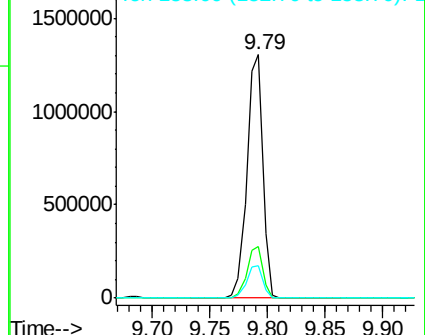
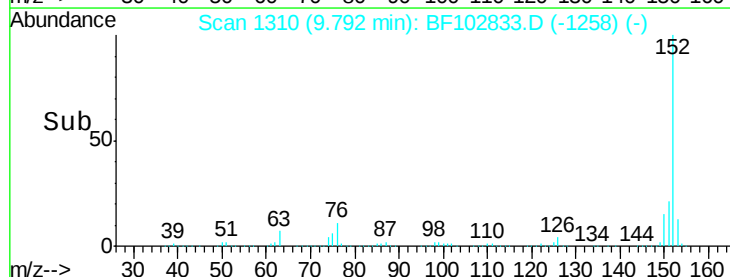
152 100

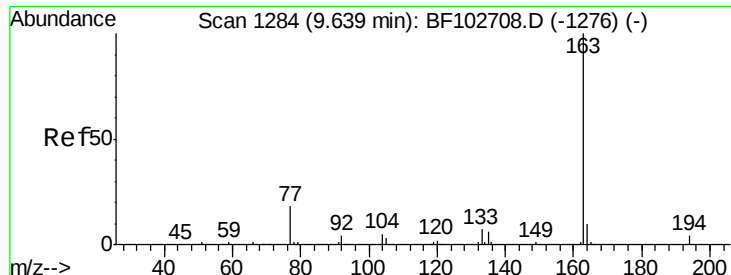
151 21.0 16.3 24.5

153 13.3 10.7 16.1



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

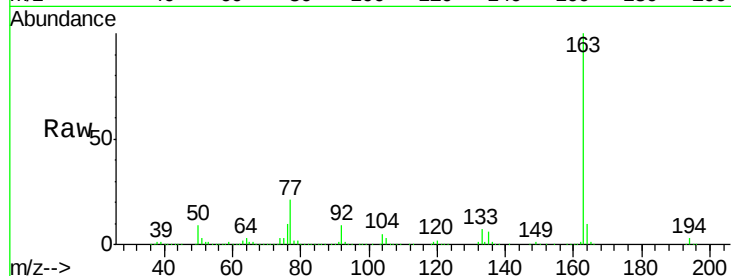




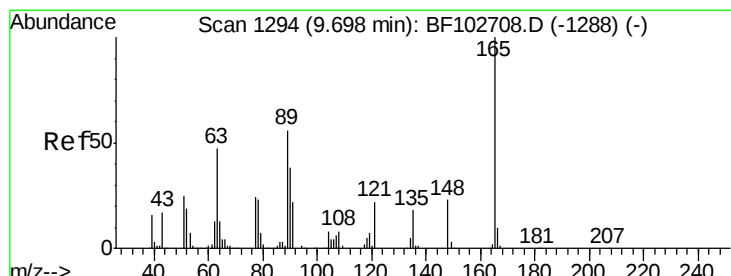
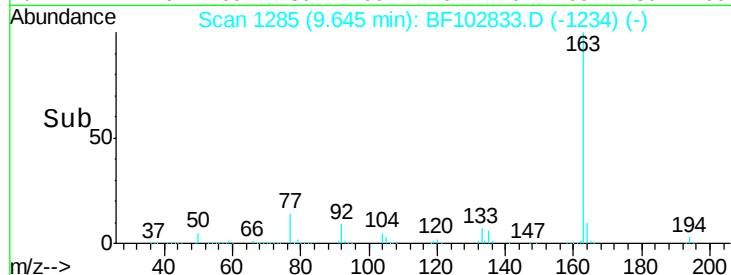
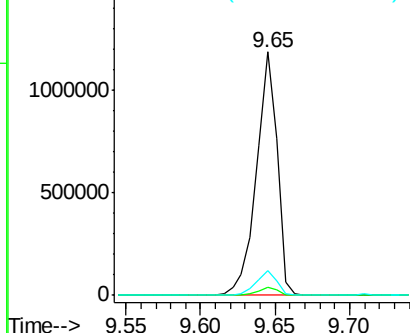
#49
Dimethylphthalate
Concen: 44.24 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1127894
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

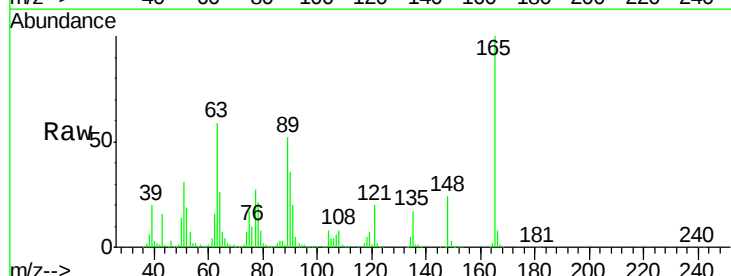


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

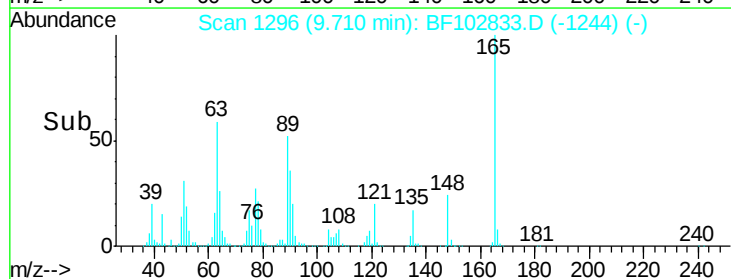
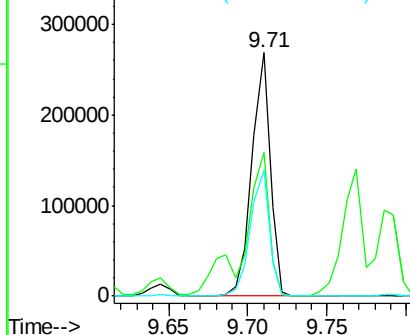


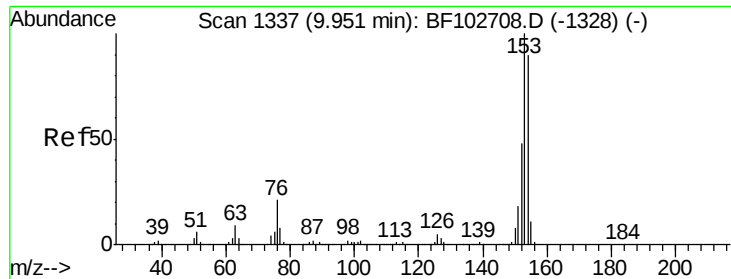
#50
2,6-Dinitrotoluene
Concen: 44.90 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Tgt Ion:165 Resp: 217787
Ion Ratio Lower Upper
165 100
63 59.0 44.7 67.1
89 51.7 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.77 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampleId :

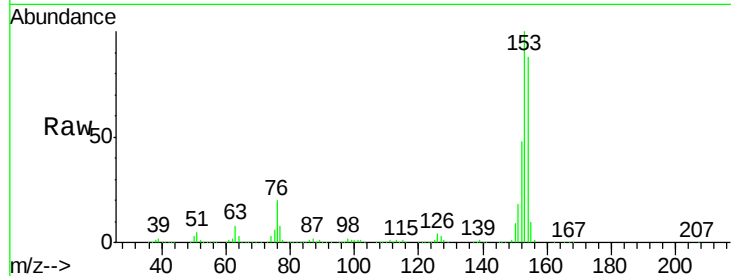
Tot Ion:154 Resp: 720392

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

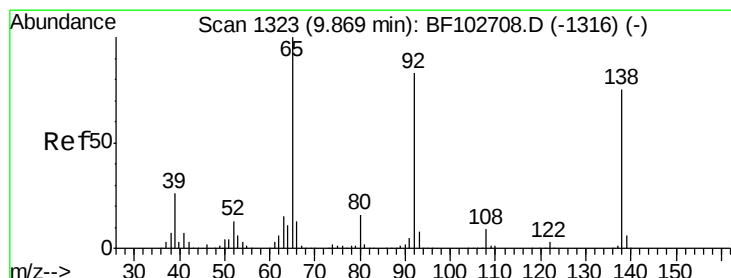
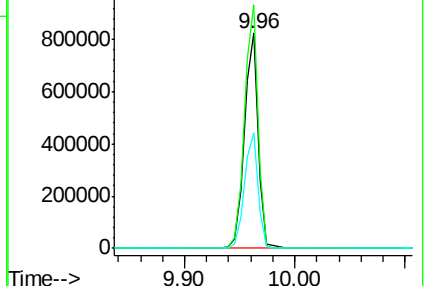
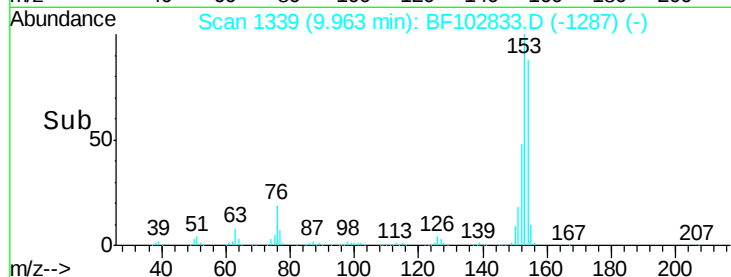
152 53.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.02 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

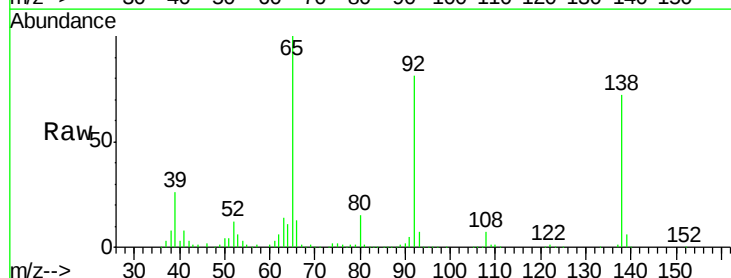
Tgt Ion:138 Resp: 191104

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

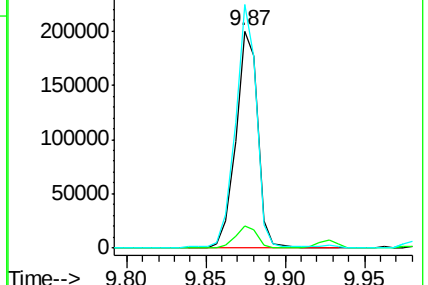
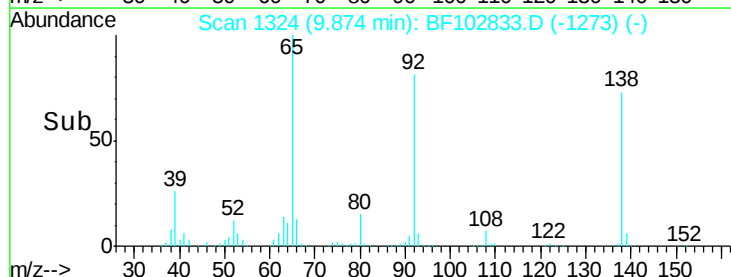
92 112.1 89.4 134.2

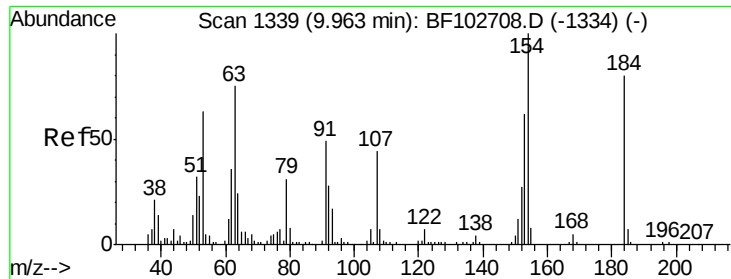


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

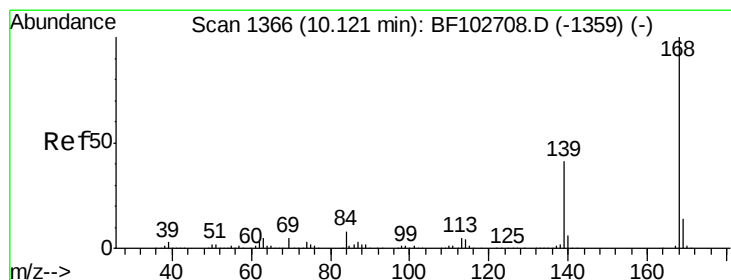
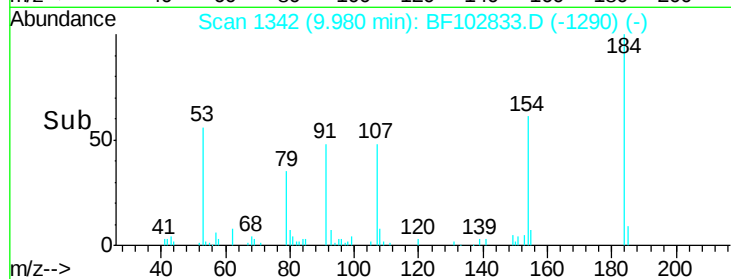
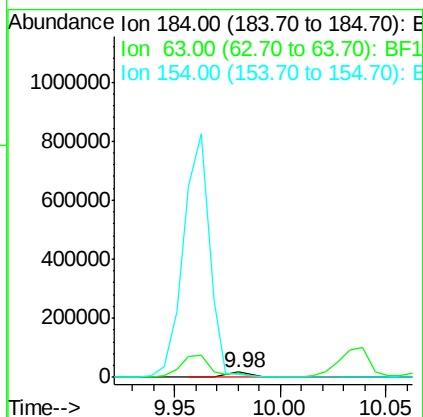
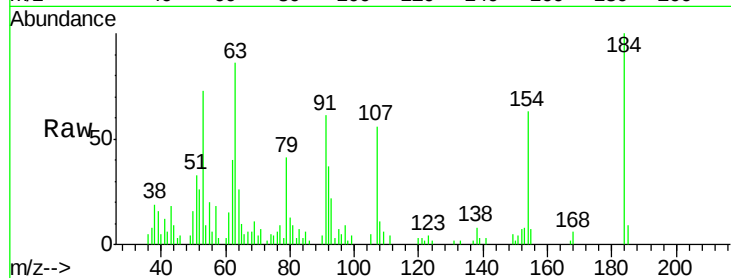




#53
2,4-Dinitrophenol
Concen: 22.53 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

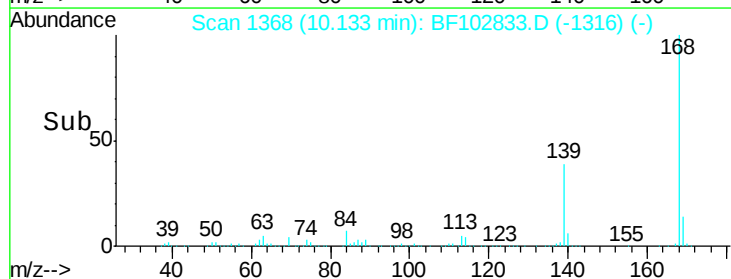
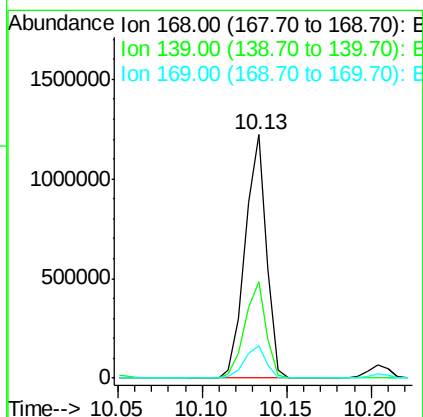
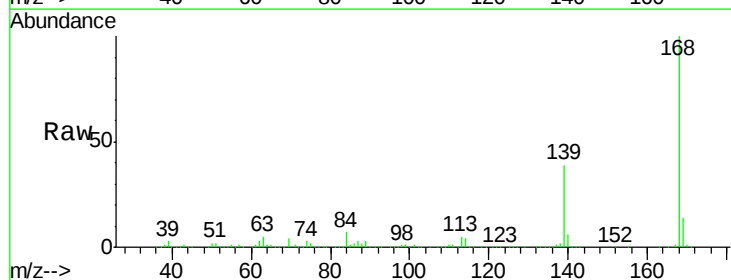
Instrument :
BNA_F
ClientSampled :

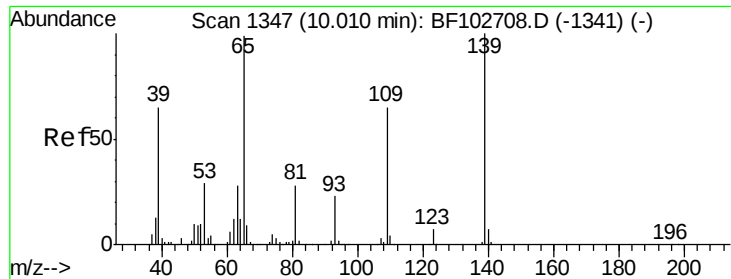
Tot Ion:184 Resp: 15001
Ion Ratio Lower Upper
184 100
63 86.3 54.2 81.2#
154 63.1 184.0 276.0#



#54
Dibenzofuran
Concen: 37.87 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Tgt Ion:168 Resp: 1074840
Ion Ratio Lower Upper
168 100
139 39.4 30.1 45.1
169 13.5 10.9 16.3

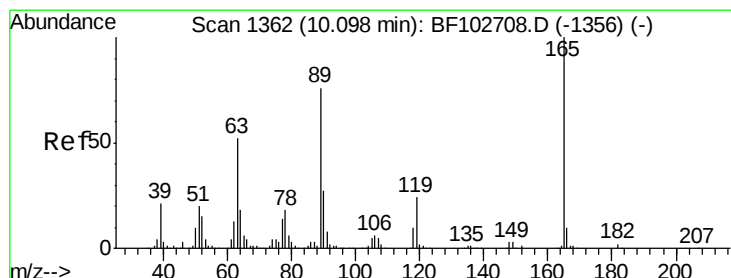
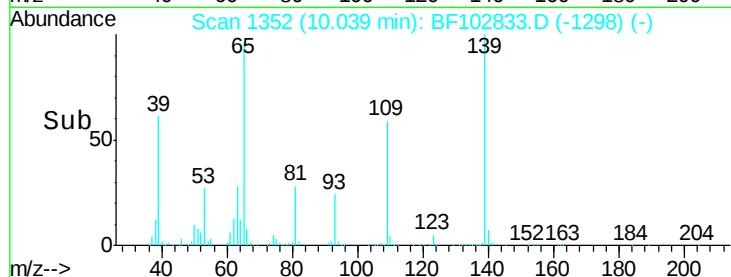
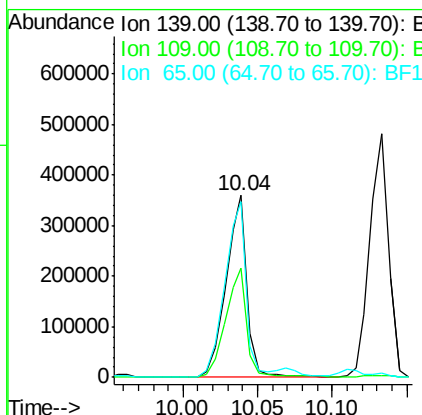
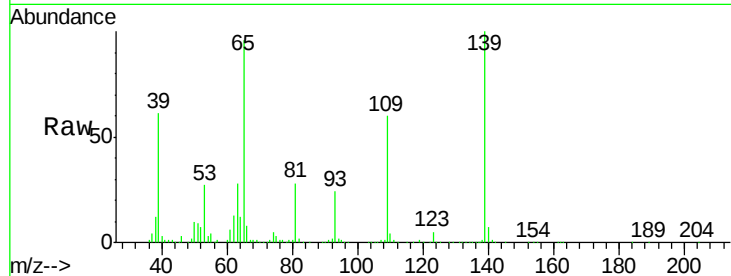




#55
4-Nitrophenol
Concen: 73.39 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

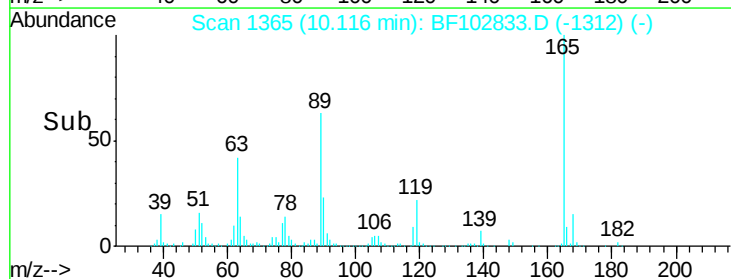
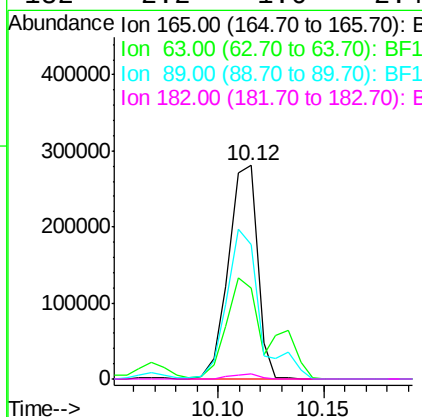
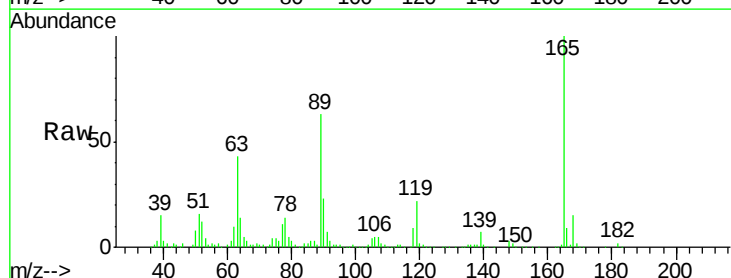
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 358233
Ion Ratio Lower Upper
139 100
109 59.7 48.4 88.4
65 96.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.58 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Tgt Ion:165 Resp: 267621
Ion Ratio Lower Upper
165 100
63 42.7 36.4 54.6
89 63.1 57.8 86.6
182 2.2 1.6 2.4





#57

Fluorene

Concen: 37.50 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampleId :

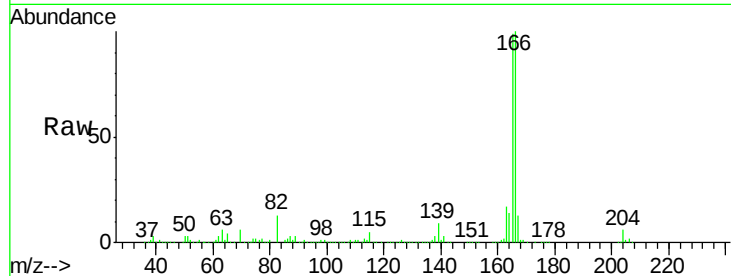
Tot Ion:166 Resp: 774229

Ion Ratio Lower Upper

166 100

165 99.1 79.8 119.8

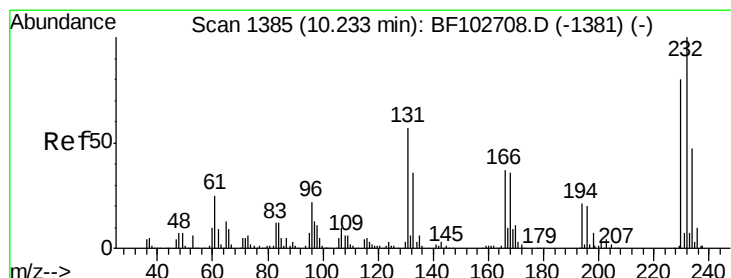
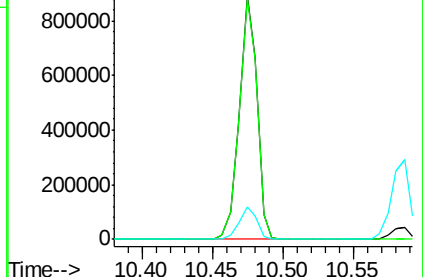
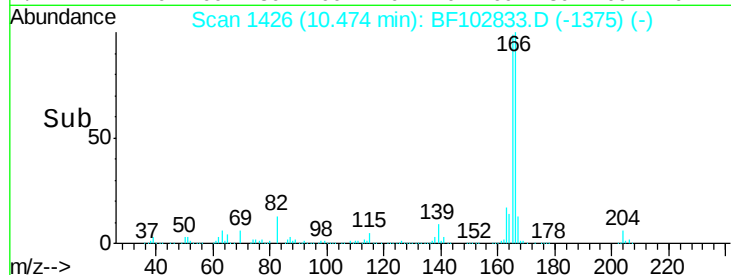
167 13.4 10.6 16.0



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: 42.16 ng

RT: 10.25 min Scan# 1388

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Tgt Ion:232 Resp: 192578

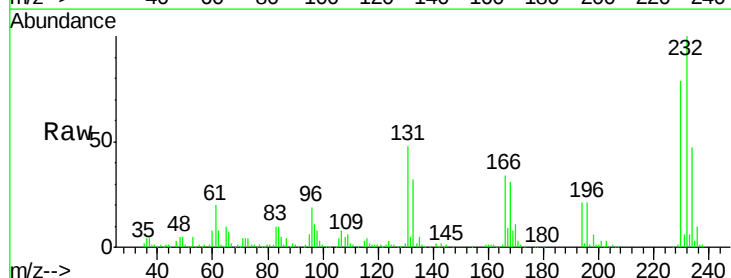
Ion Ratio Lower Upper

232 100

131 55.2 43.8 65.8

130 2.7 2.1 3.1

166 36.6 27.8 41.6

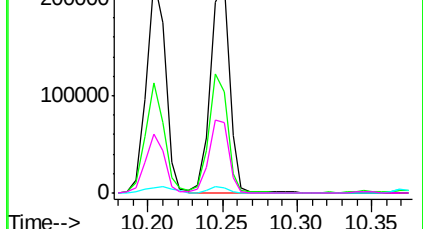
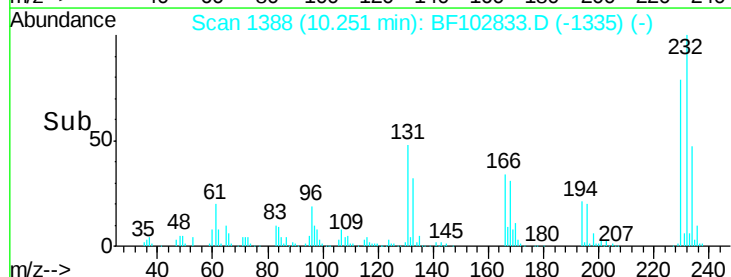


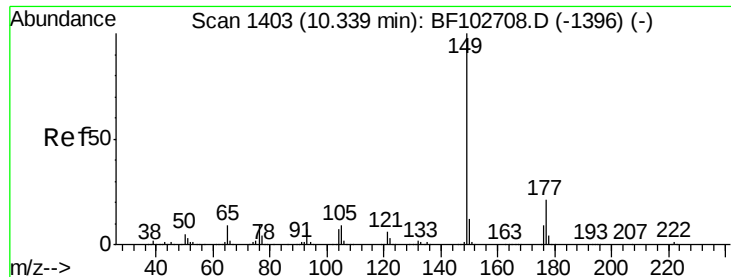
Abundance Ion 232.00 (231.70 to 232.70): E

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

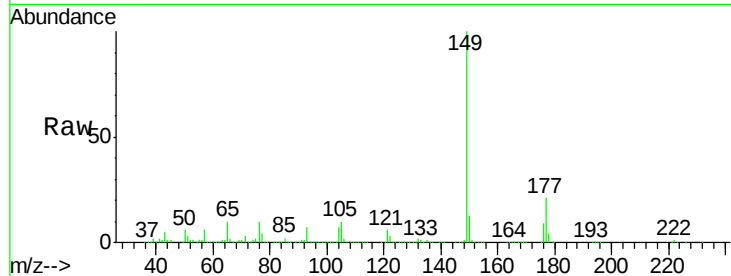




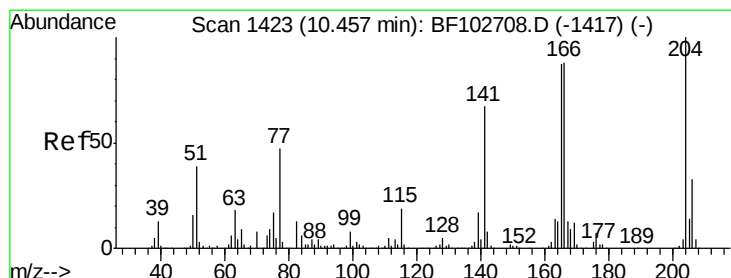
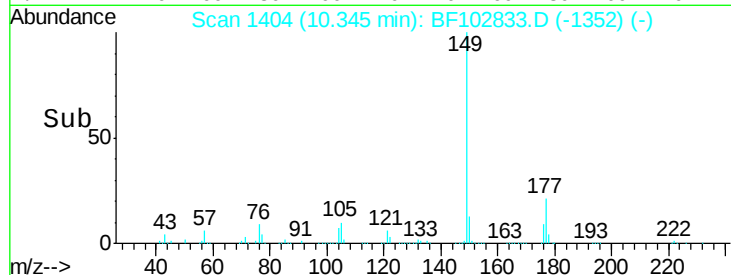
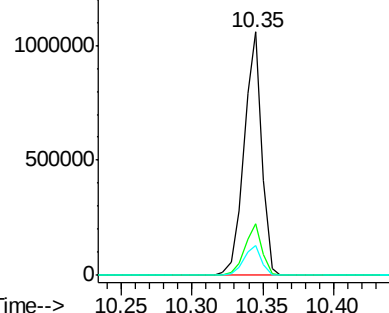
#59
Diethylphthalate
Concen: 37.06 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 932888
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.5 10.1 15.1

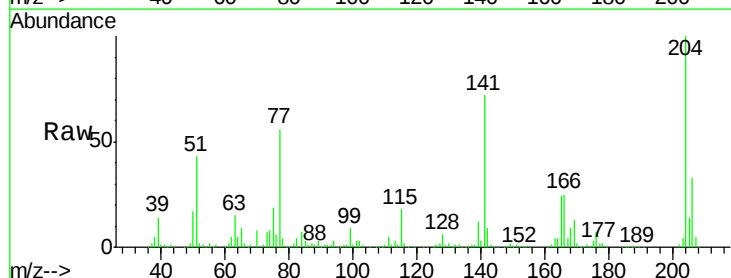


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

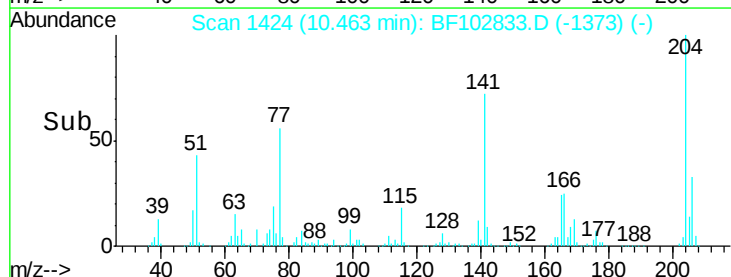
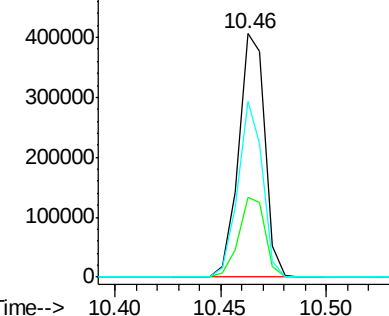


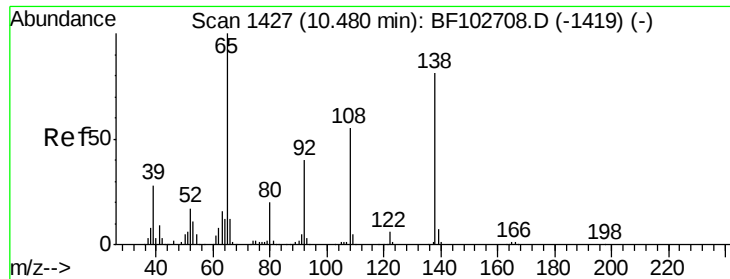
#60
4-Chlorophenyl-phenylether
Concen: 38.67 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Tgt Ion:204 Resp: 353206
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 72.1 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

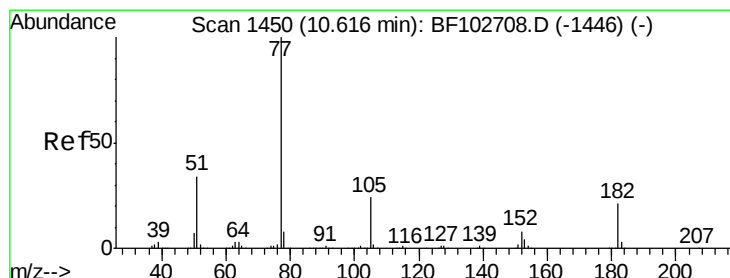
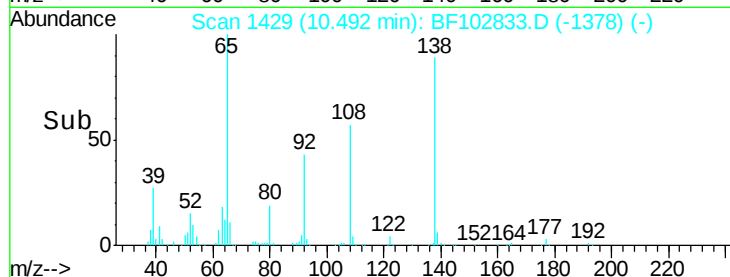
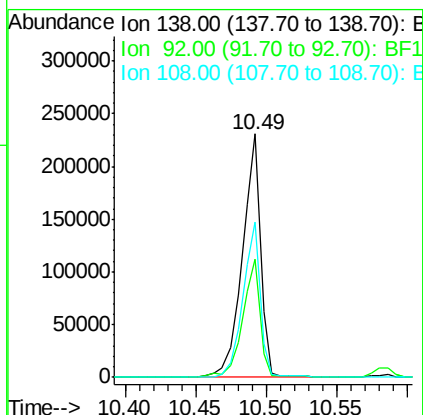
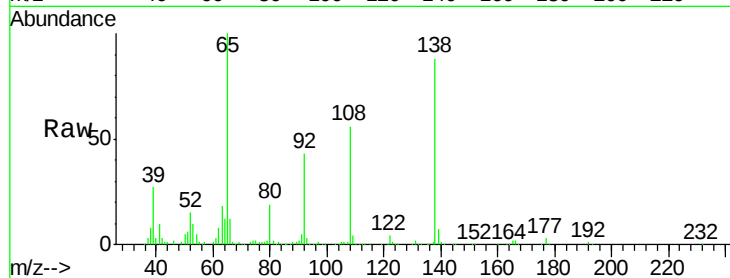




#61
4-Nitroaniline
Concen: 36.64 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

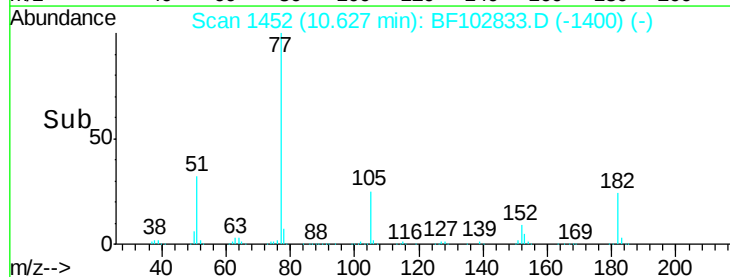
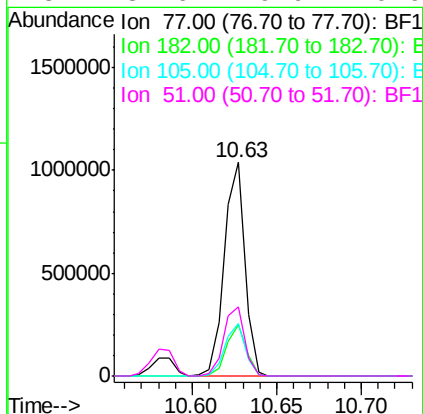
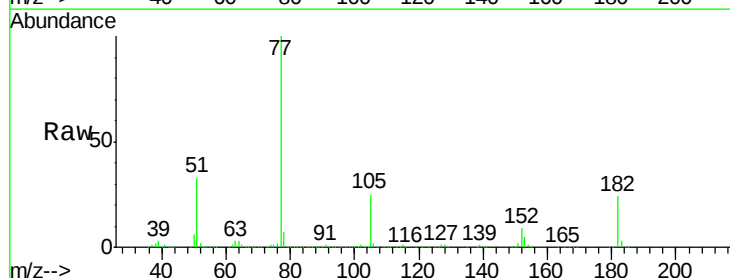
Instrument :
BNA_F
ClientSampled :

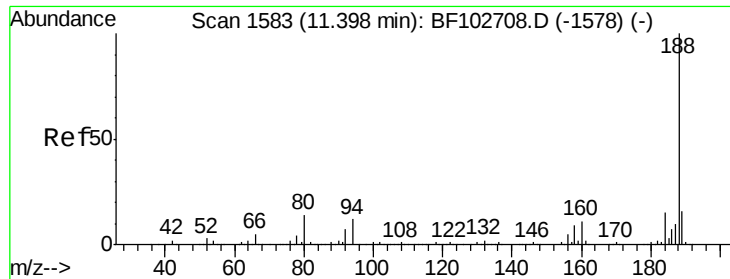
Tot Ion:138 Resp: 208151
Ion Ratio Lower Upper
138 100
92 48.6 30.2 70.2
108 64.0 52.5 92.5



#62
Azobenzene
Concen: 34.90 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Tgt Ion: 77 Resp: 877594
Ion Ratio Lower Upper
77 100
182 24.2 1.7 41.7
105 24.7 3.0 43.0
51 32.6 9.9 49.9

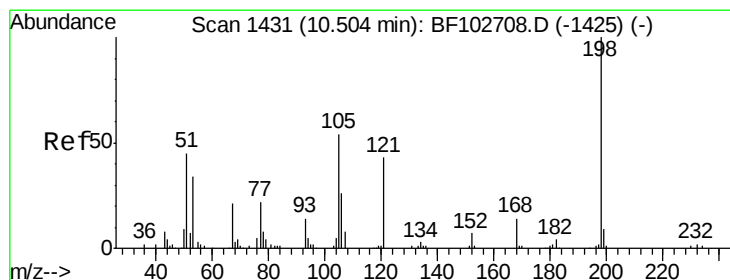
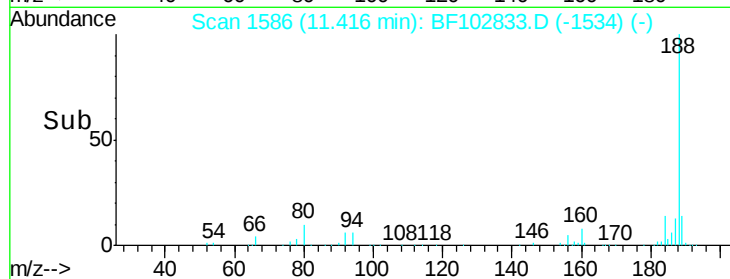
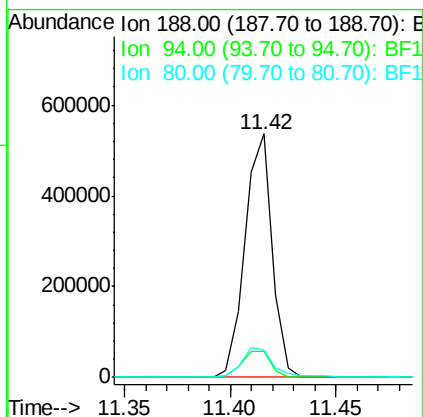
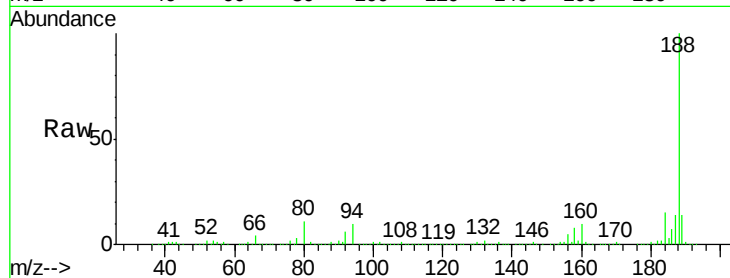




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

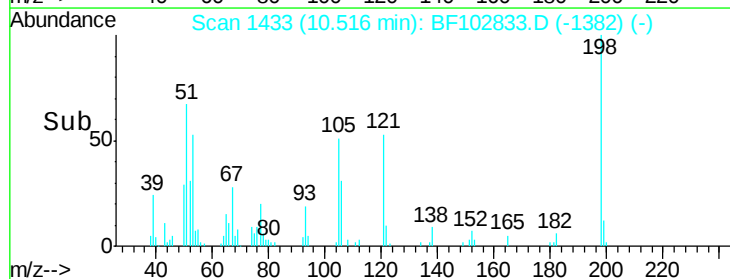
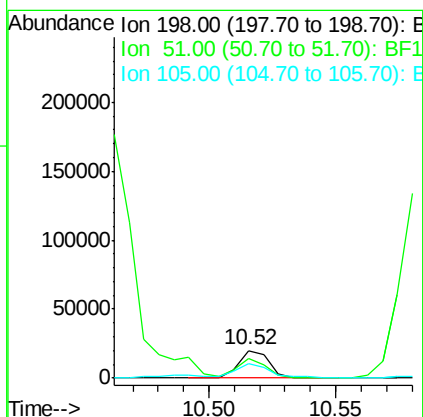
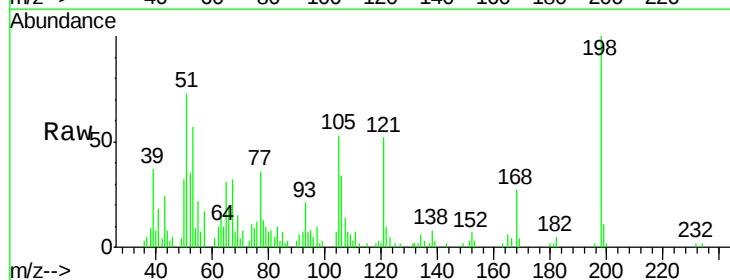
Instrument :
 BNA_F
 ClientSampleId :

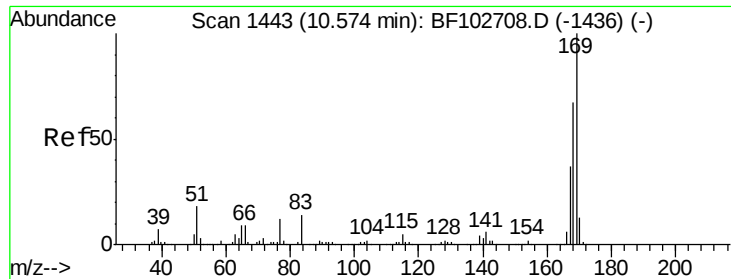
Tot Ion:188 Resp: 477256
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.5 12.7
 80 11.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 16.56 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

Tgt Ion:198 Resp: 17078
 Ion Ratio Lower Upper
 198 100
 51 73.0 37.7 77.7
 105 53.0 36.3 76.3

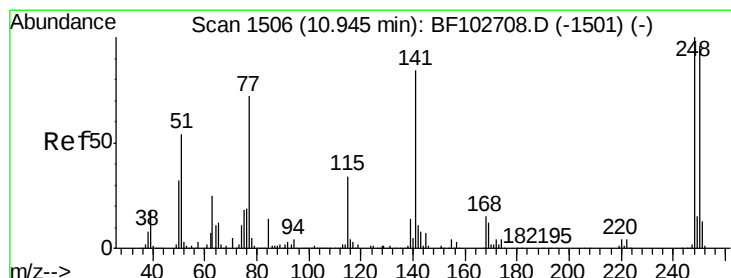
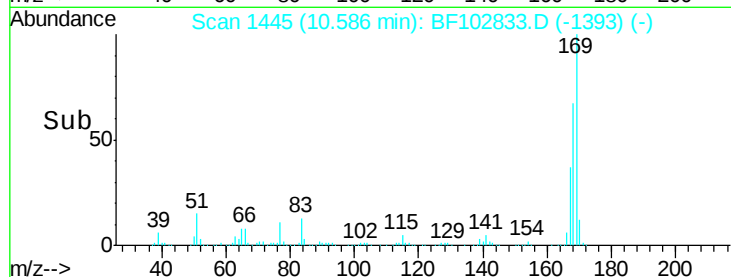
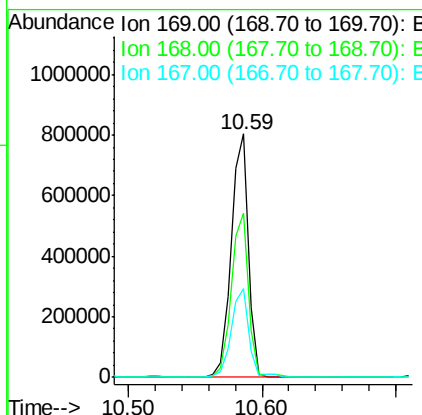
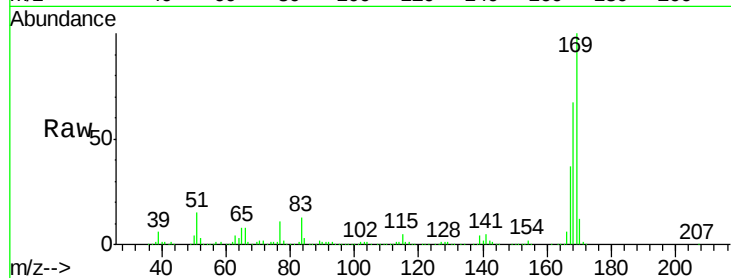




#65
 n-Nitrosodiphenylamine
 Concen: 43.49 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

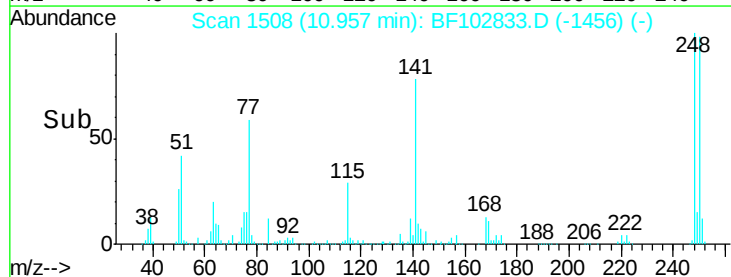
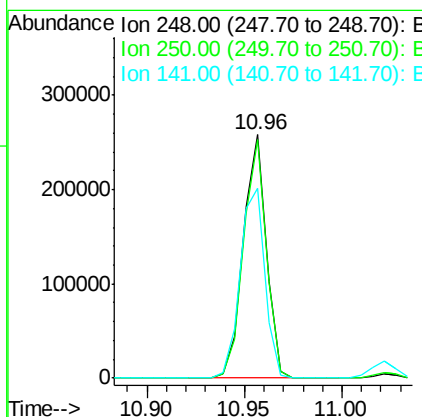
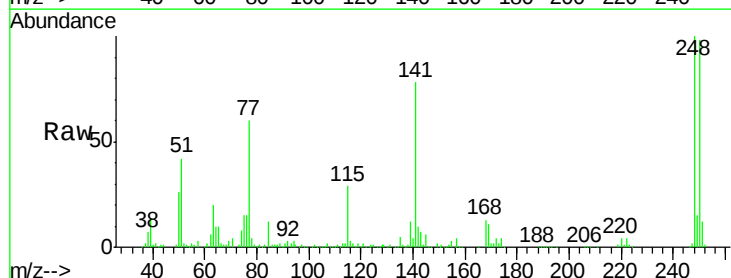
Instrument :
 BNA_F
 ClientSampleId :

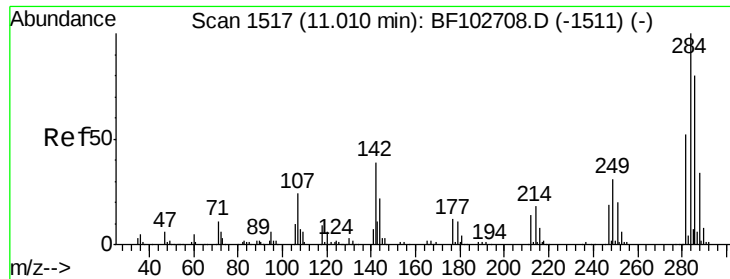
Tot Ion:169 Resp: 732167
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.4 81.6
 167 36.6 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 41.85 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

Tgt Ion:248 Resp: 211284
 Ion Ratio Lower Upper
 248 100
 250 98.2 76.9 115.3
 141 78.2 74.4 111.6

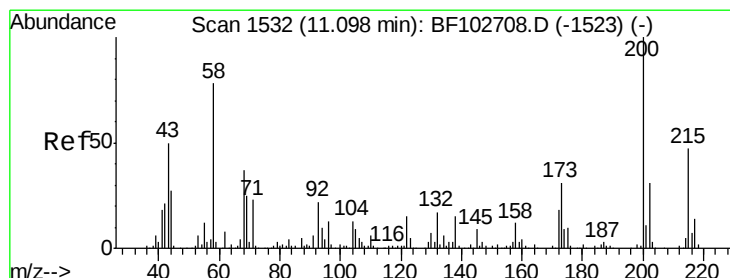
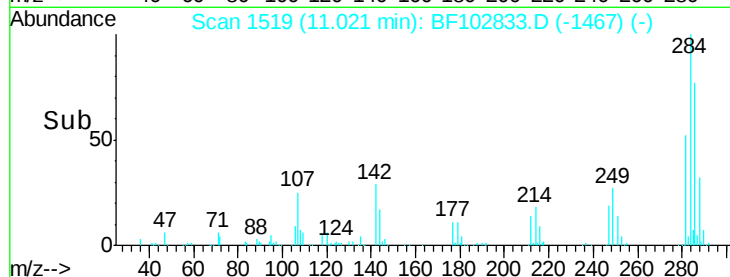
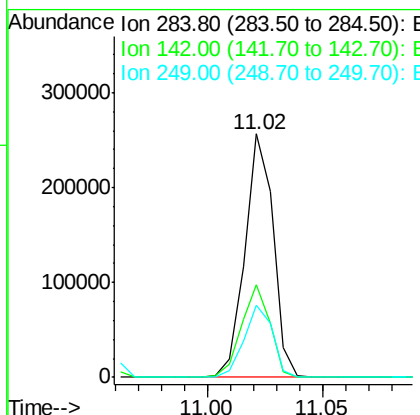
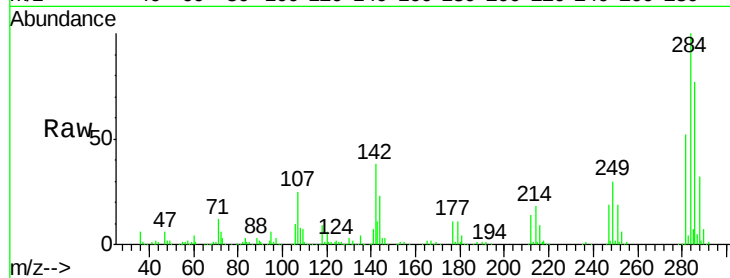




#67
Hexachlorobenzene
Concen: 39.52 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.01 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

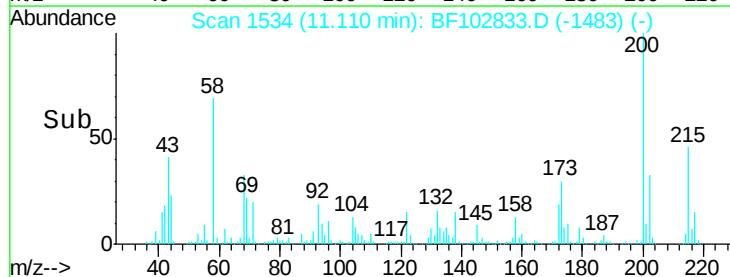
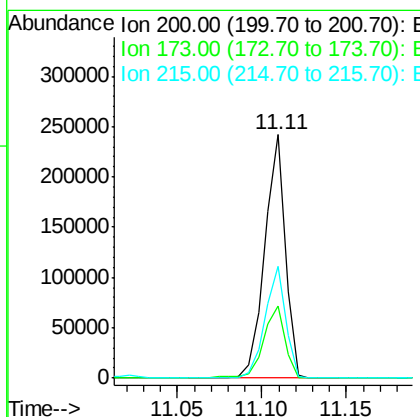
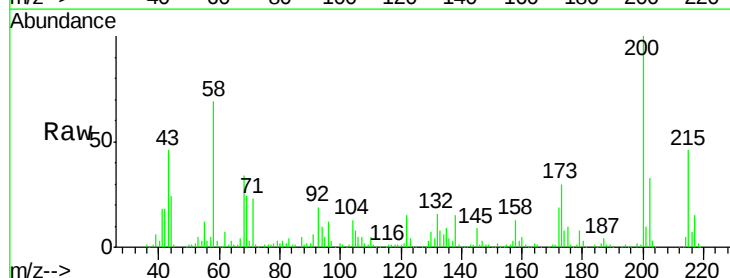
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.8	34.6	52.0
249	29.5	24.8	37.2



#68
Atrazine
Concen: 41.11 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	8.6	48.6
215	46.0	25.1	65.1

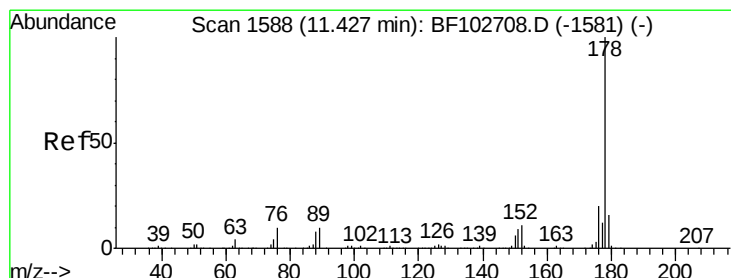
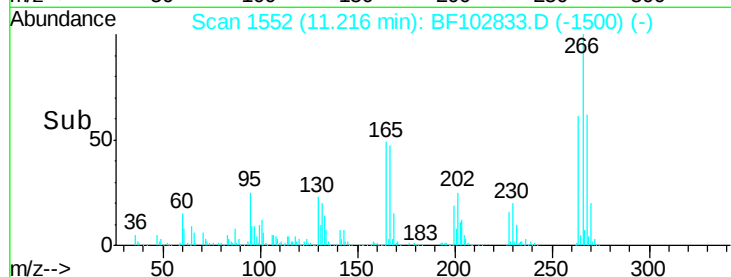
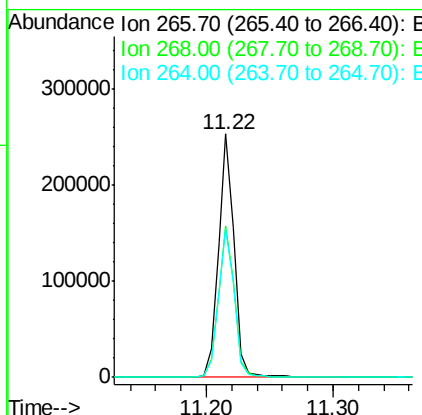
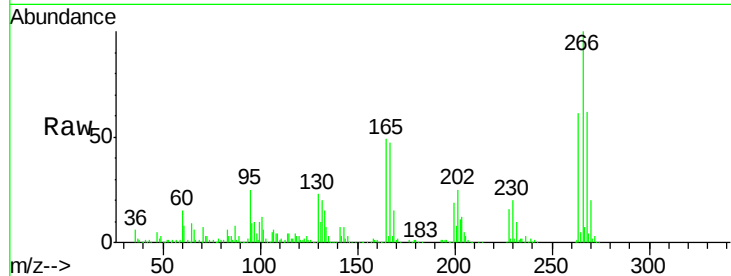




#69
 Pentachlorophenol
 Concen: 67.71 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

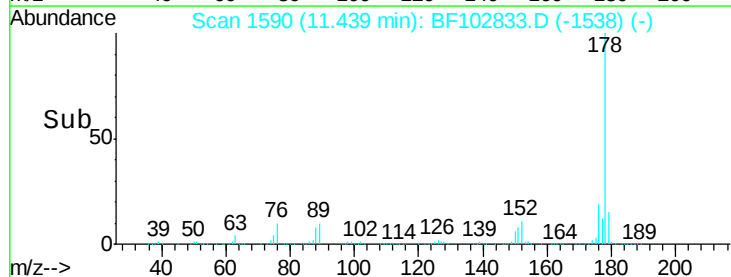
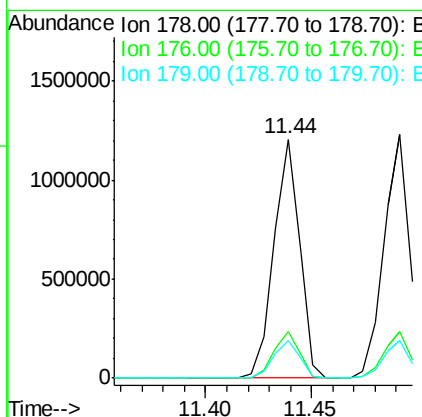
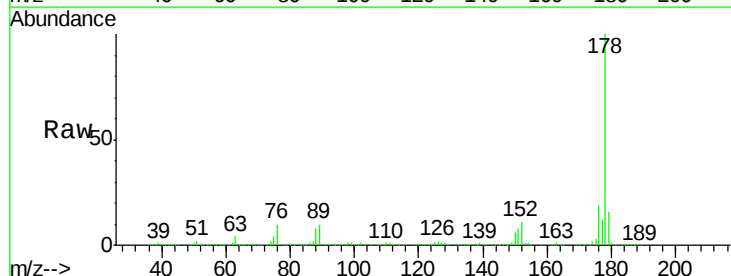
Instrument :
 BNA_F
 ClientSampleId :

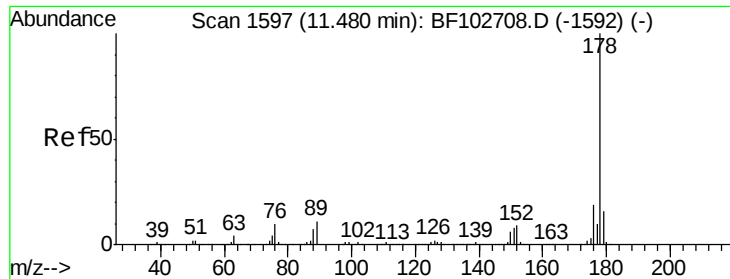
Tot Ion:266 Resp: 221365
 Ion Ratio Lower Upper
 266 100
 268 62.4 51.1 76.7
 264 61.2 49.5 74.3



#70
 Phenanthrene
 Concen: 38.49 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

Tgt Ion:178 Resp: 1023165
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.9 13.0 19.6

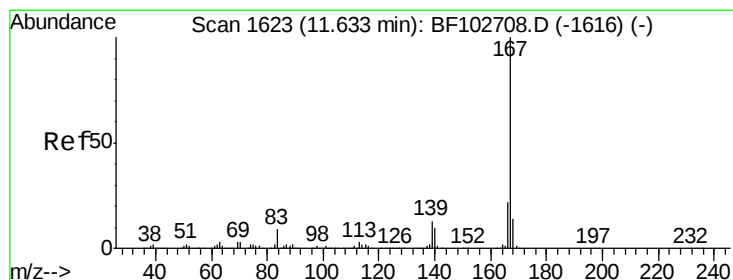
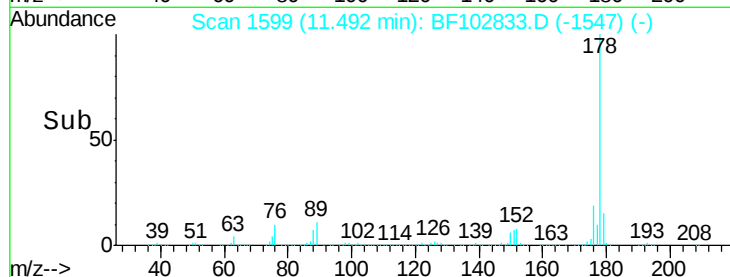
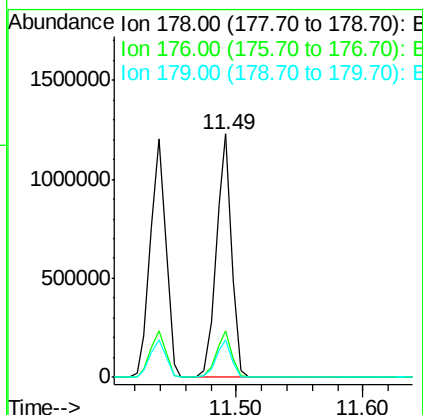
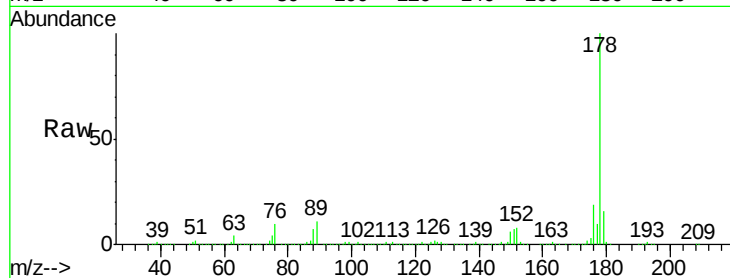




#71
 Anthracene
 Concen: 38.54 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

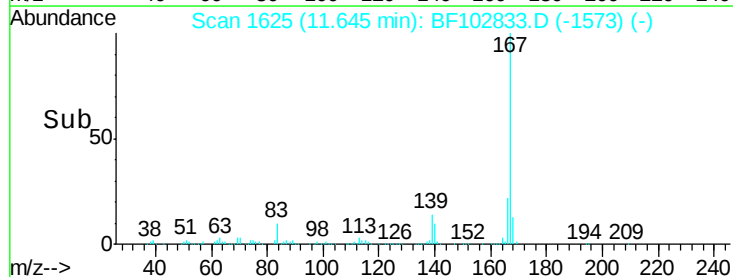
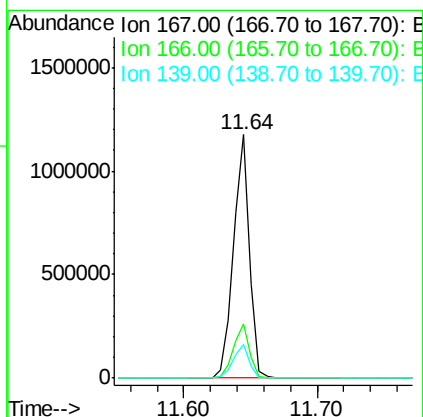
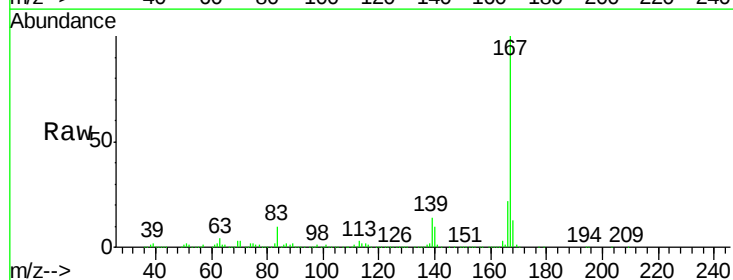
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1041794
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 37.50 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

Tgt Ion:167 Resp: 993287
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.98 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampleId :

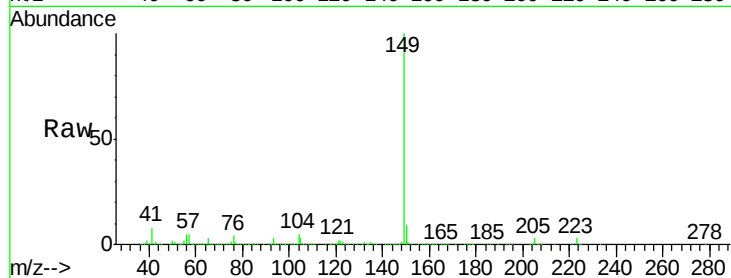
Tot Ion:149 Resp: 1286396

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

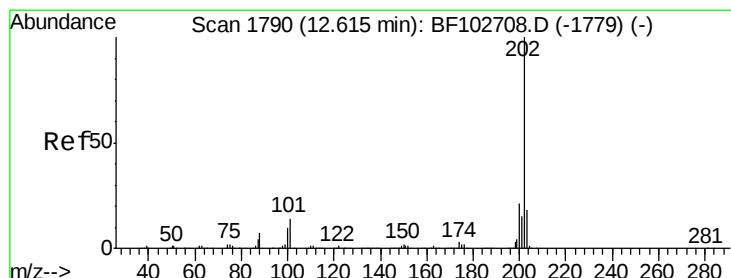
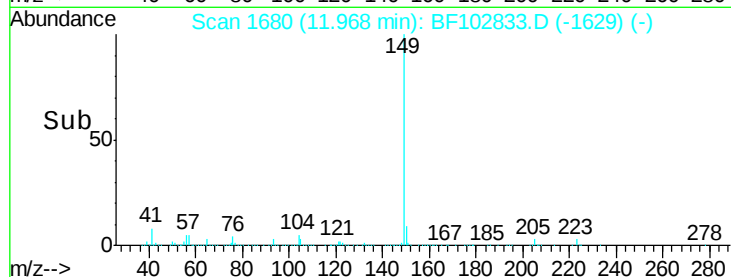
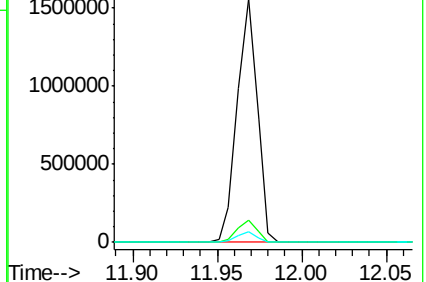
104 4.6 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.12 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

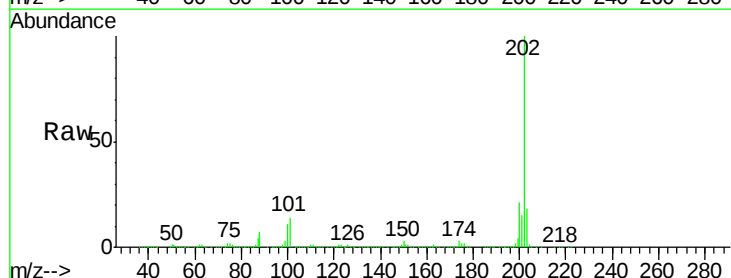
Tgt Ion:202 Resp: 992690

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.1

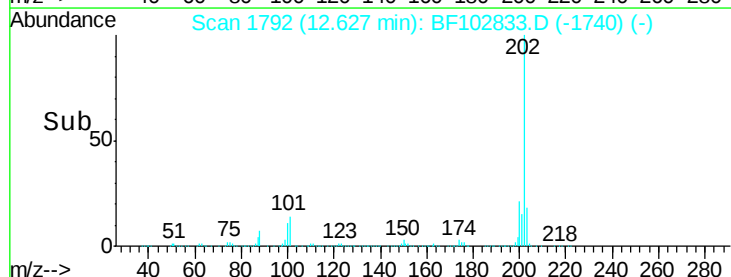
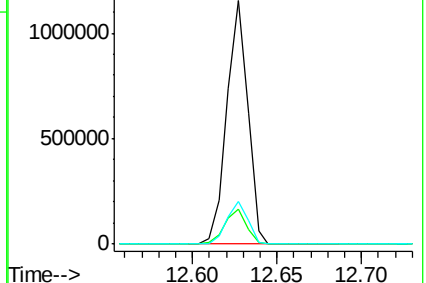
203 17.6 0.0 38.1

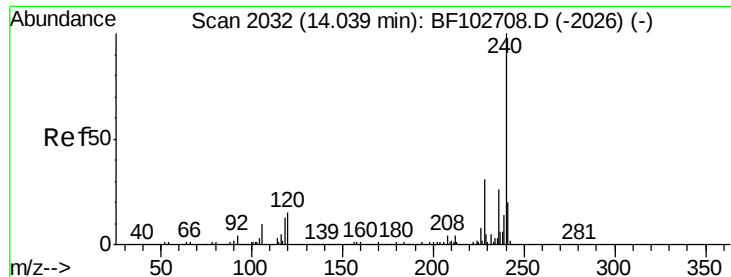


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampleId :

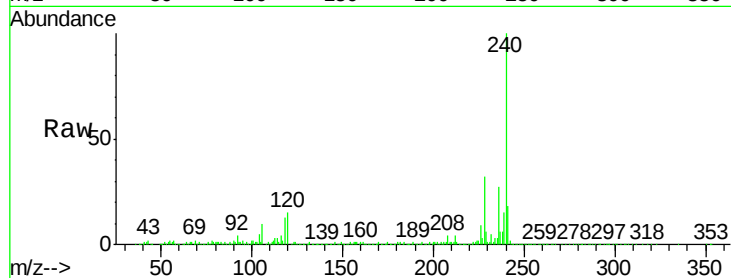
Tot Ion:240 Resp: 338752

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

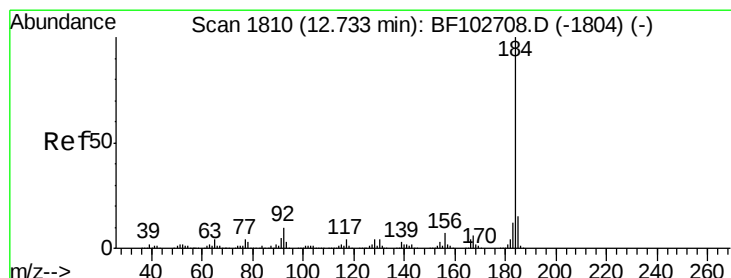
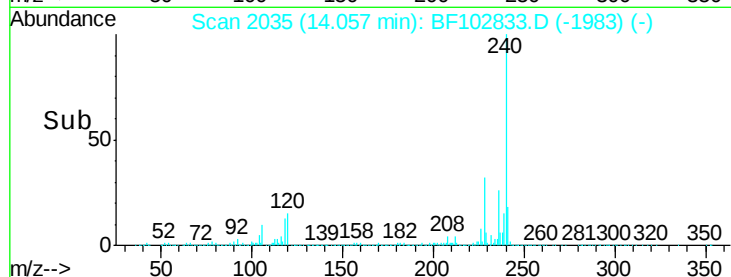
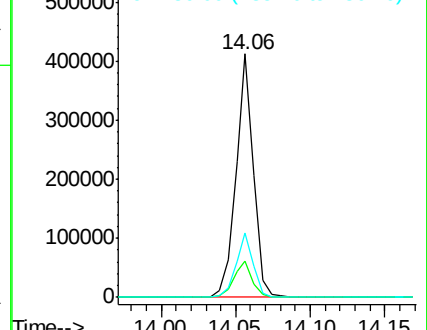
236 26.5 20.7 31.1



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: 42.24 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

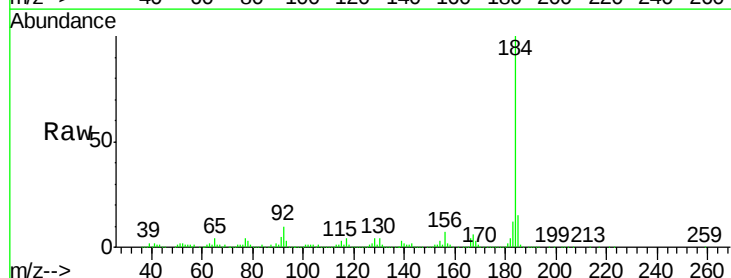
Tgt Ion:184 Resp: 657596

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

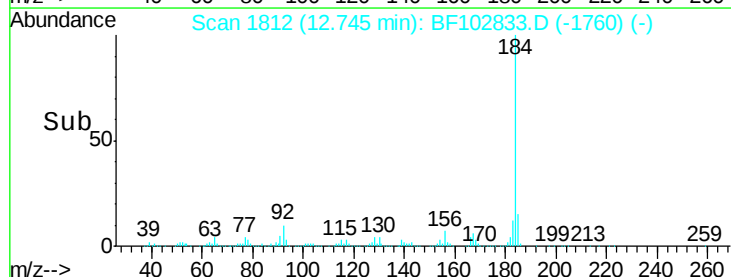
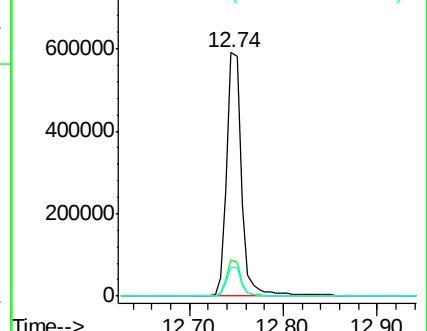
183 11.8 9.3 13.9

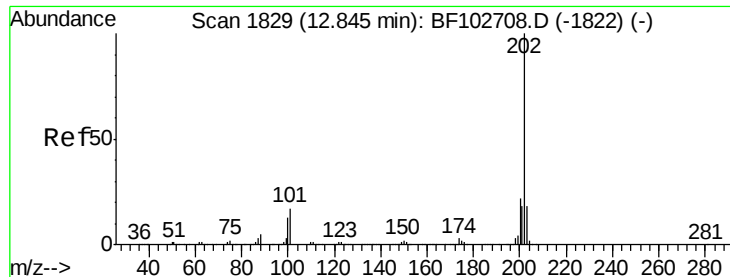


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

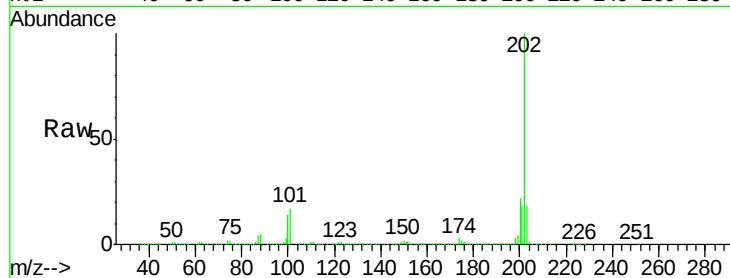




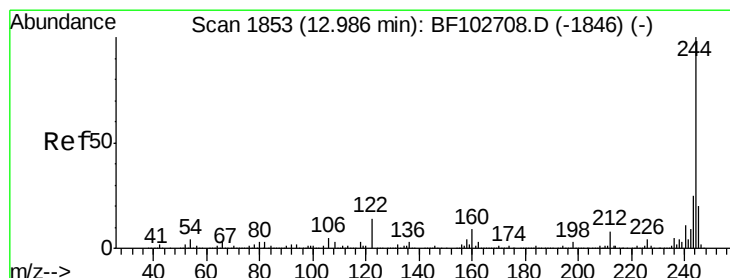
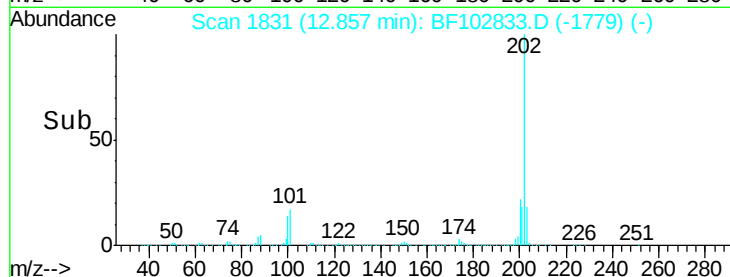
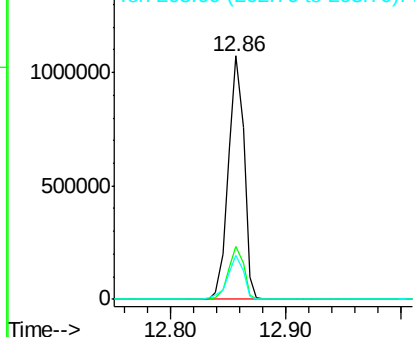
#77
Pvrene
Concen: 37.90 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1006826
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.8 14.3 21.5

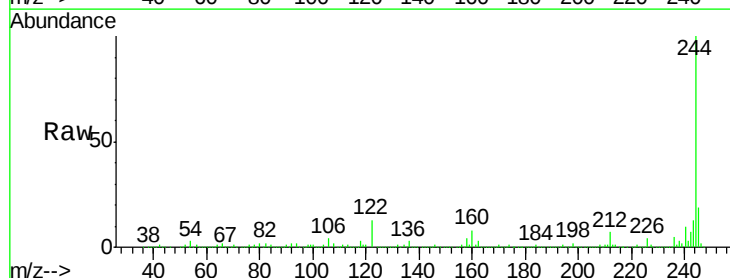


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

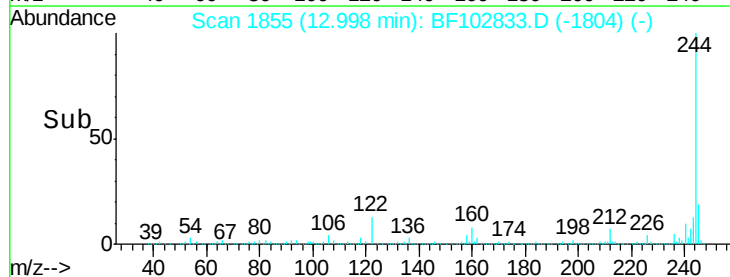
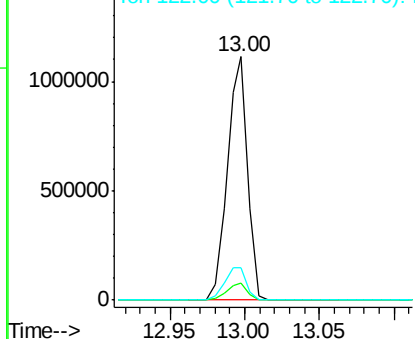


#78
Terphenyl-d14
Concen: 74.15 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Tgt Ion:244 Resp: 1060883
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 13.4 11.0 16.4



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

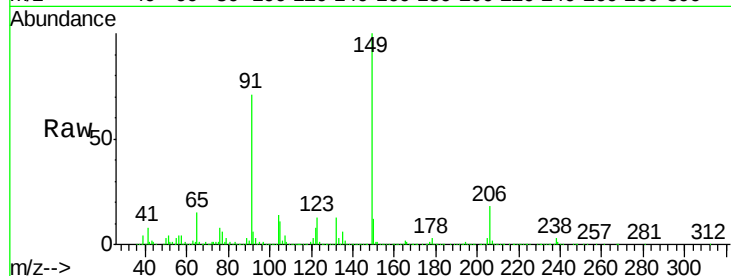




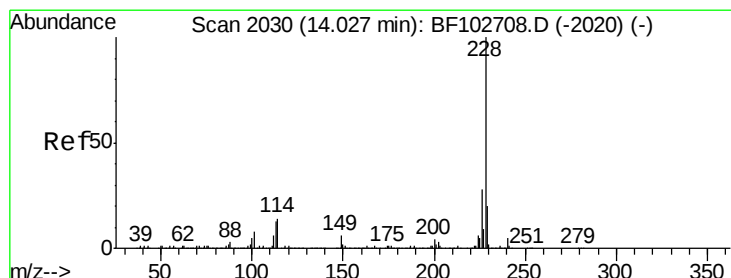
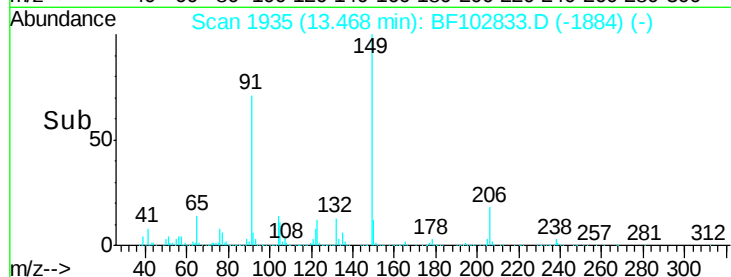
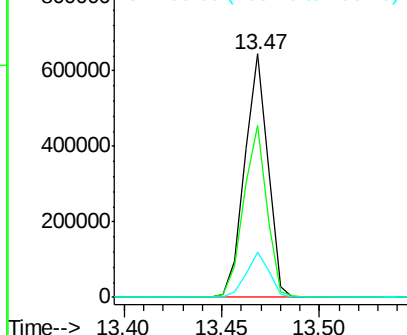
#79
Butylbenzylphthalate
Concen: 41.91 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 530847
Ion Ratio Lower Upper
149 100
91 70.7 56.8 85.2
206 18.4 14.1 21.1

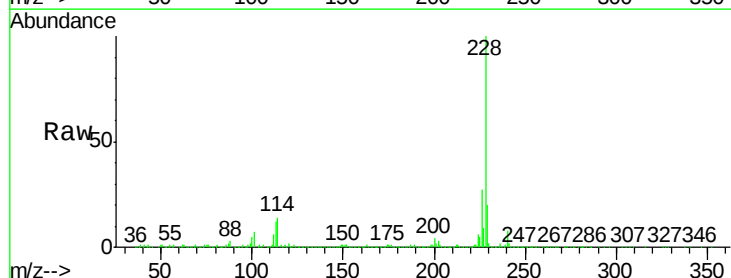


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

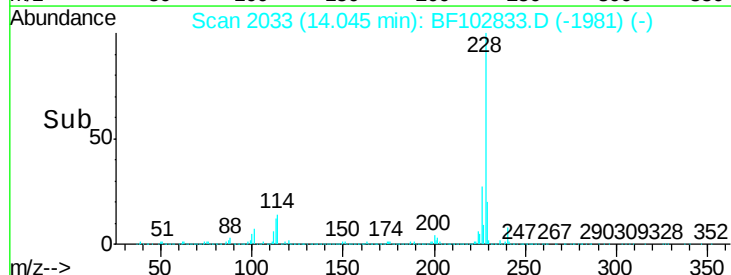
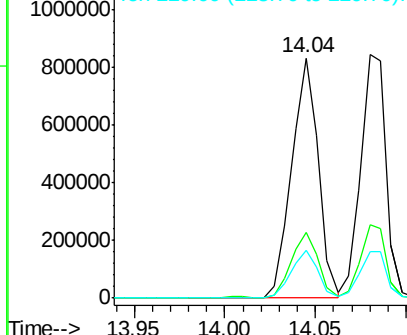


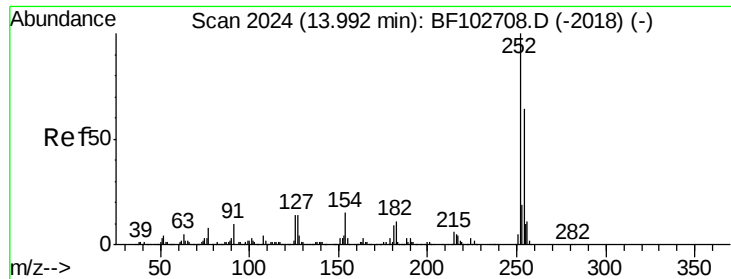
#80
Benzo(a)anthracene
Concen: 40.20 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Tgt Ion:228 Resp: 856500
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.7 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: 42.60 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampleId :

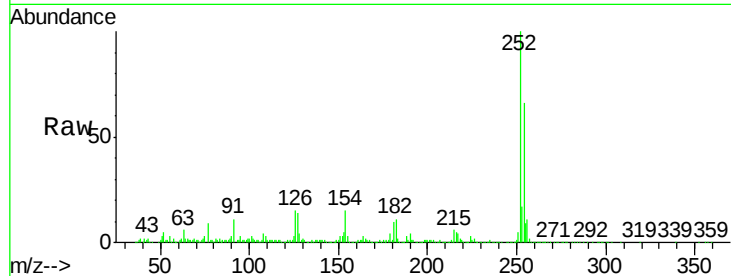
Tot Ion:252 Resp: 336486

Ion Ratio Lower Upper

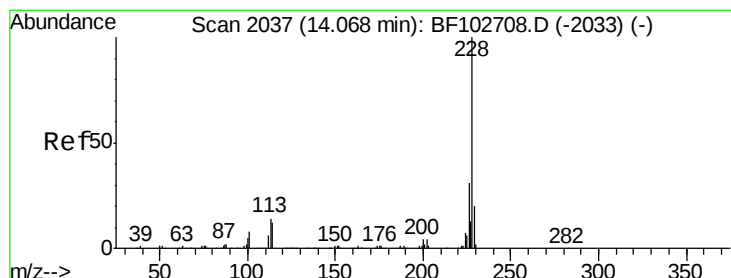
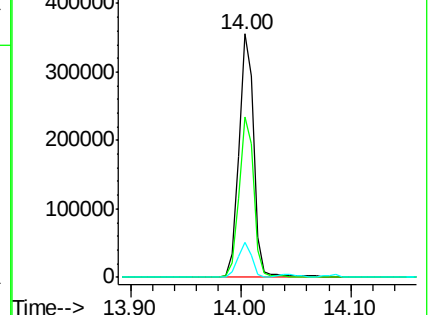
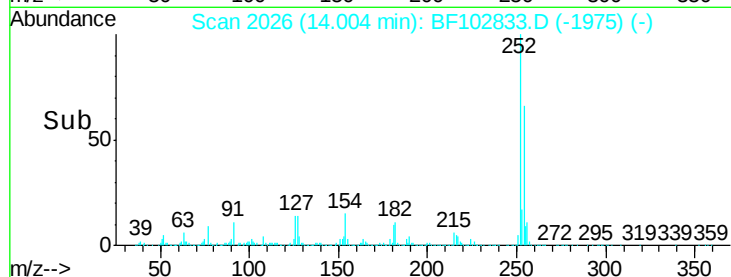
252 100

254 66.0 50.4 75.6

126 14.6 11.3 16.9



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



#82

Chrysene

Concen: 38.16 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

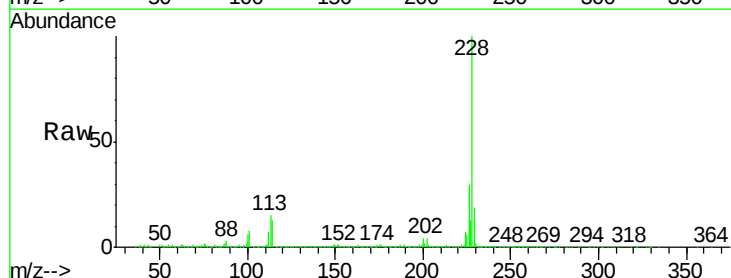
Tgt Ion:228 Resp: 819460

Ion Ratio Lower Upper

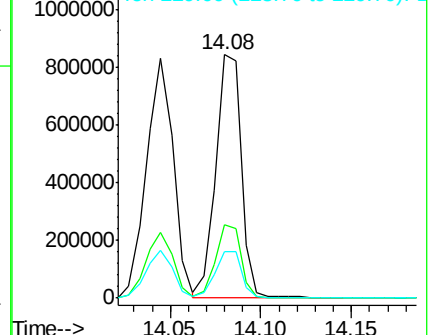
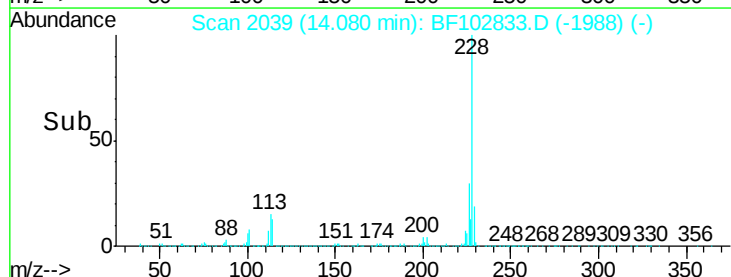
228 100

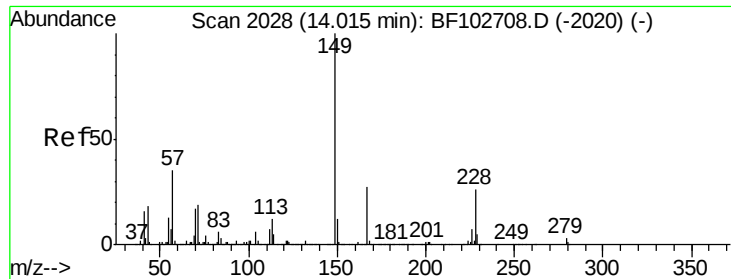
226 30.3 25.0 37.6

229 19.3 16.2 24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.52 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampleId :

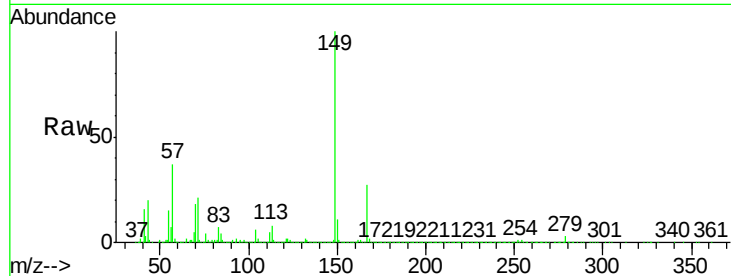
Tot Ion:149 Resp: 708176

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

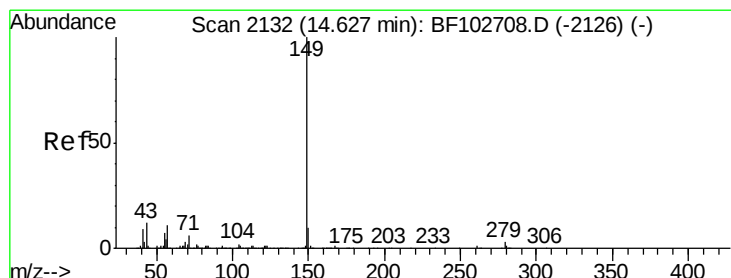
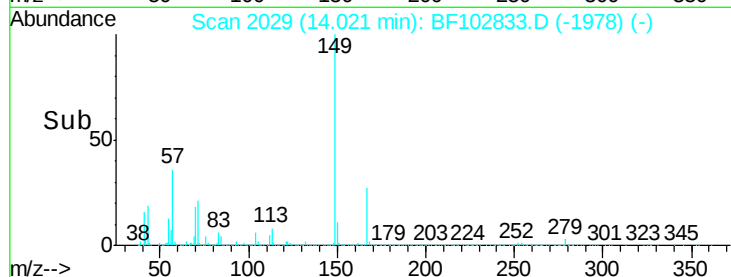
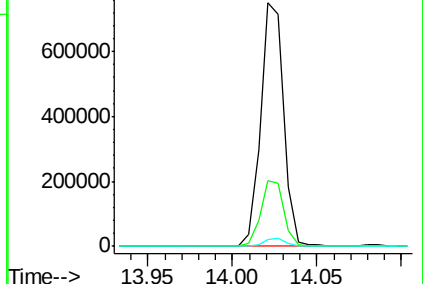
279 2.8 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.28 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

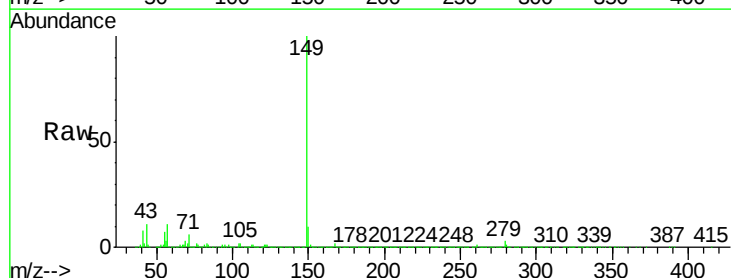
Tgt Ion:149 Resp: 1204197

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

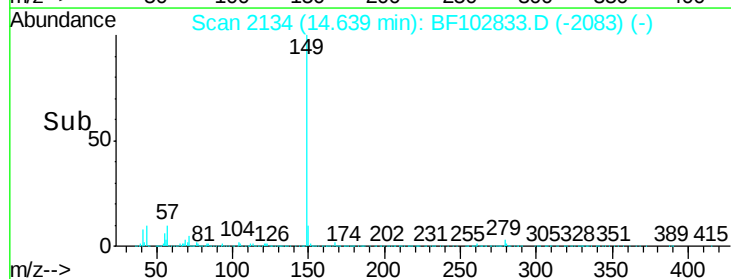
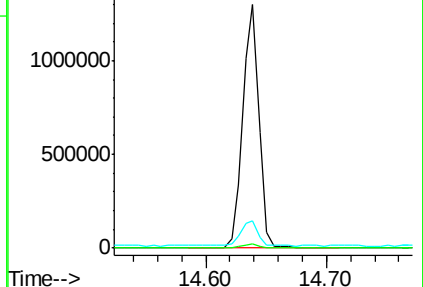
43 10.9 8.4 12.6

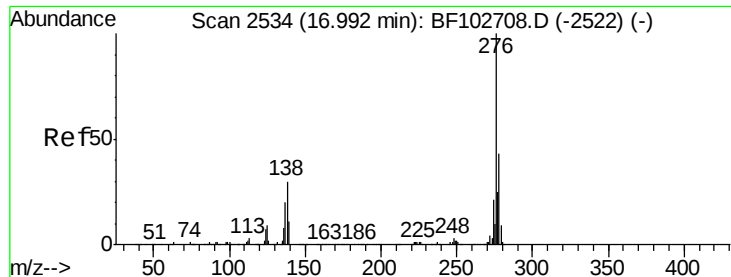


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

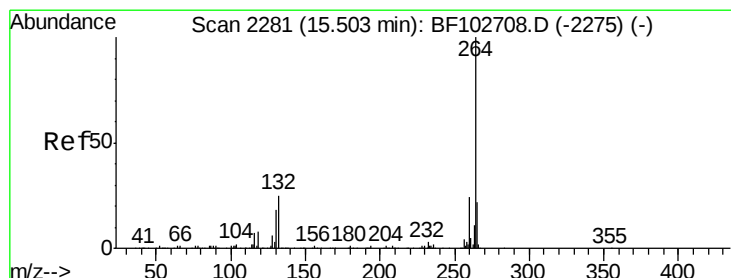
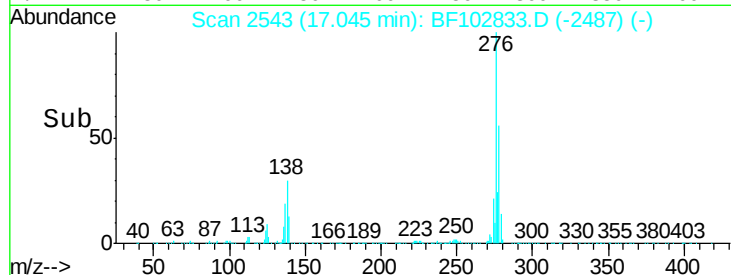
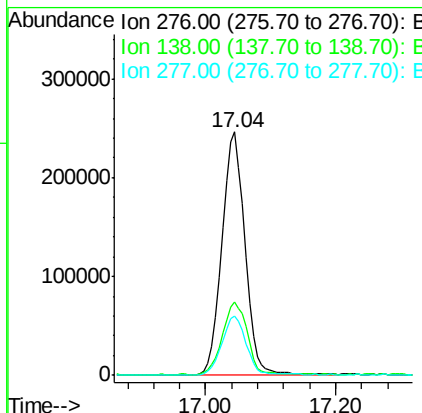
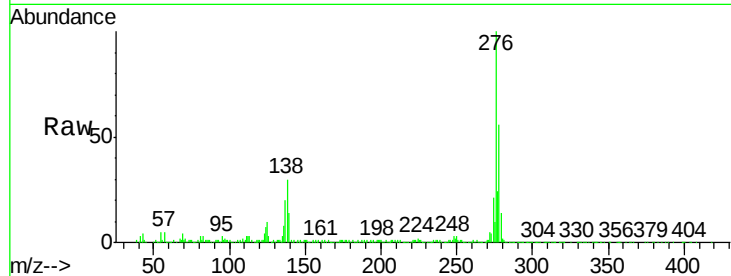




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.87 ng
 RT: 17.04 min Scan# 2543
 Delta R.T. 0.03 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

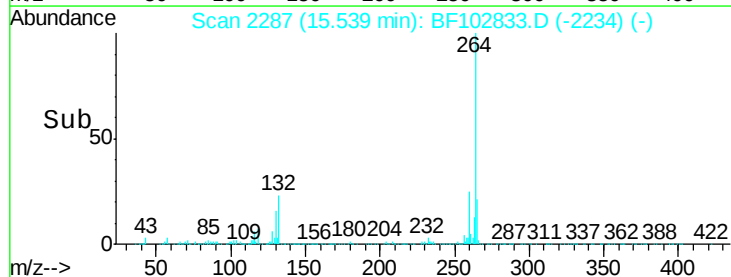
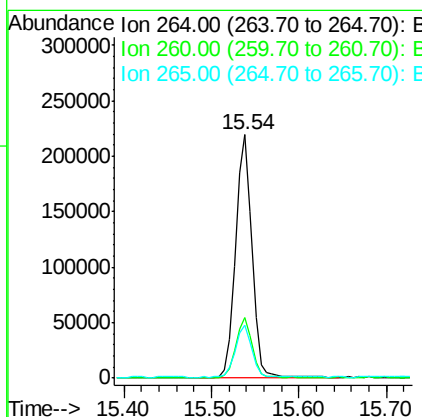
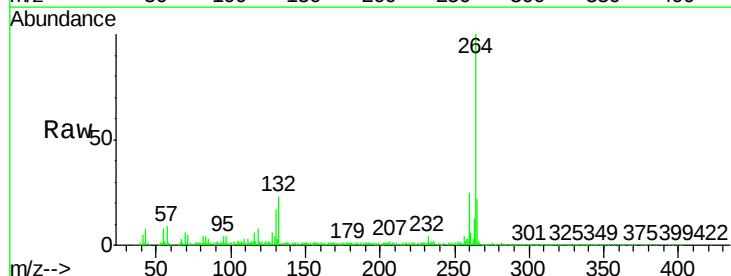
Instrument :
 BNA_F
 ClientSampleId :

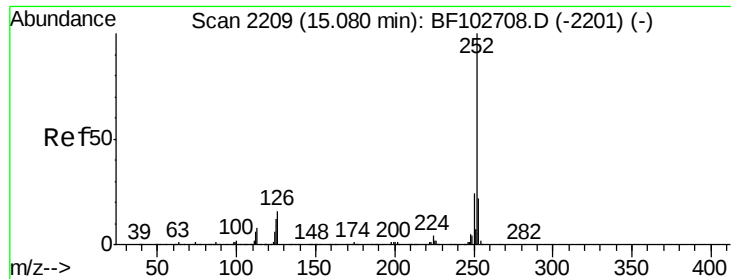
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.7	25.0	37.6
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF102833.D
 Acq: 7 Feb 2018 23:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.7	17.5	26.3

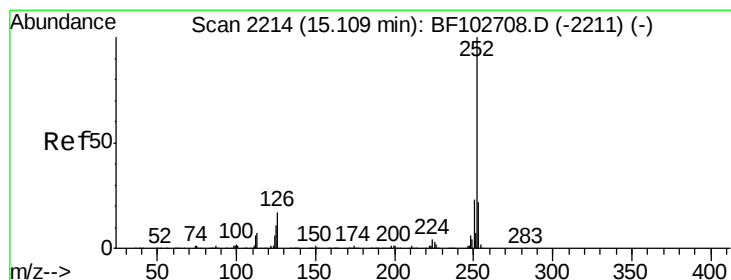
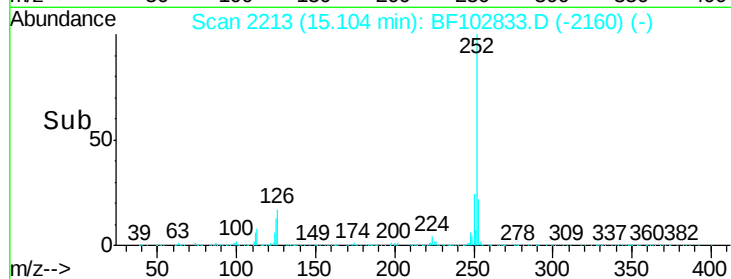
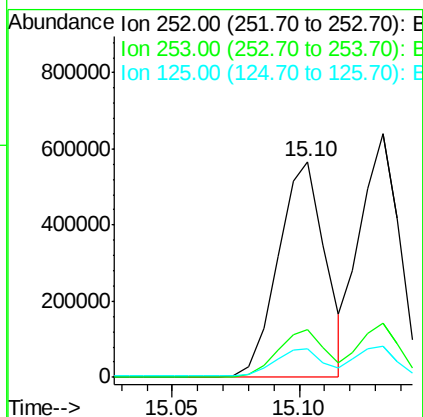
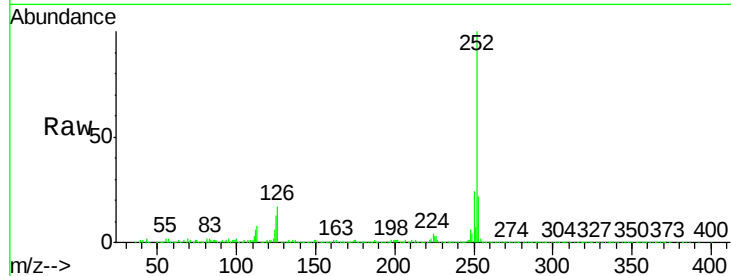




#87
Benzo(b)fluoranthene
Concen: 40.60 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

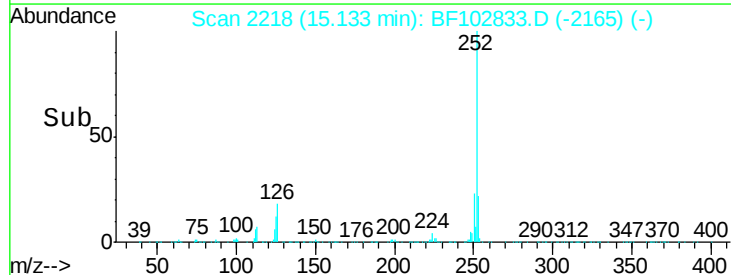
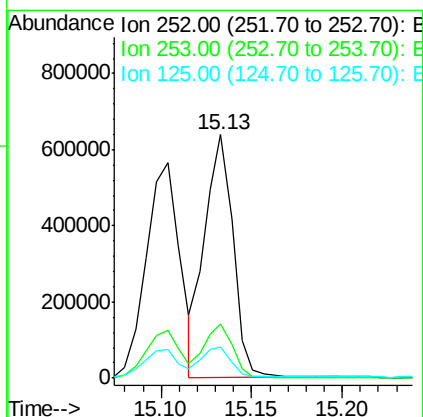
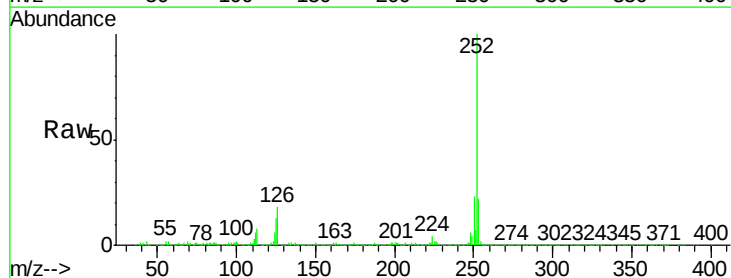
Instrument :
BNA_F
ClientSampleId :

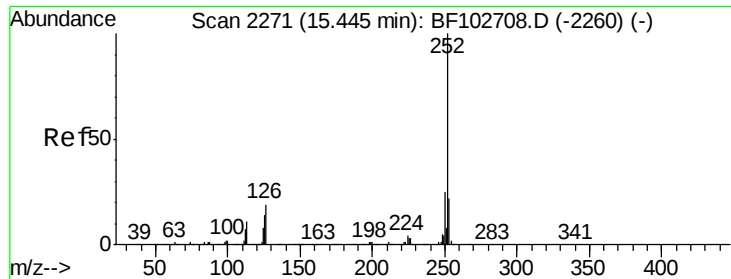
Tot Ion:252 Resp: 729965
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 13.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.24 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF102833.D
Acq: 7 Feb 2018 23:56

Tgt Ion:252 Resp: 691311
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 13.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 39.57 ng

RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampleId :

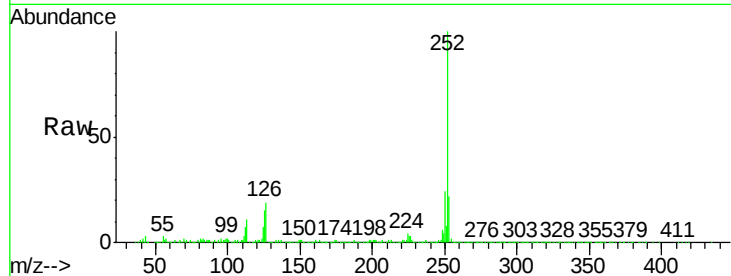
Tot Ion:252 Resp: 640473

Ion Ratio Lower Upper

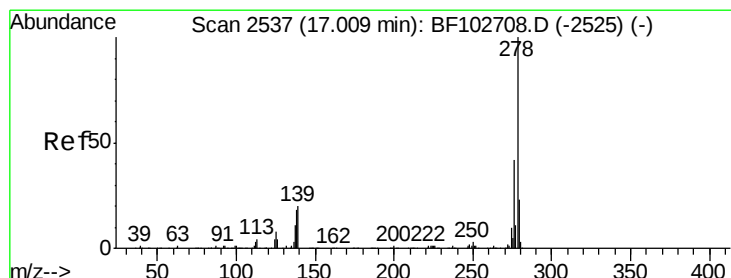
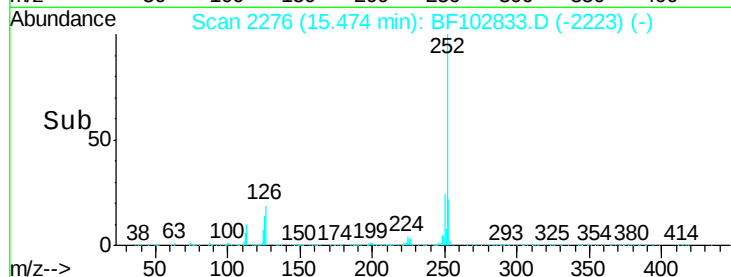
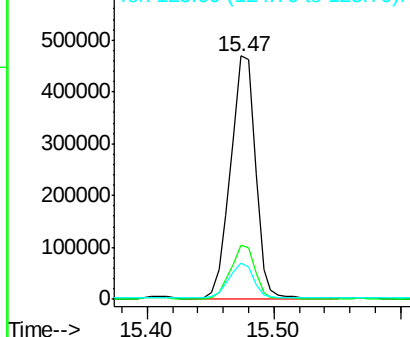
252 100

253 22.1 17.1 25.7

125 15.1 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: 38.49 ng

RT: 17.06 min Scan# 2545

Delta R.T. 0.02 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

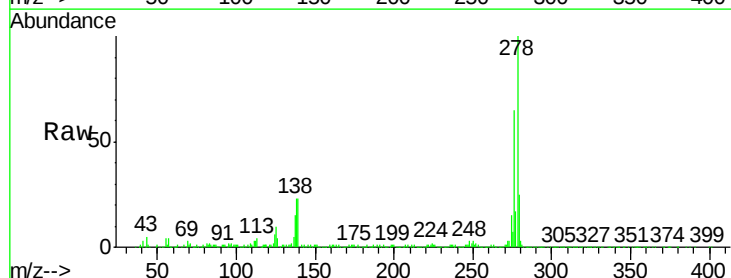
Tgt Ion:278 Resp: 505640

Ion Ratio Lower Upper

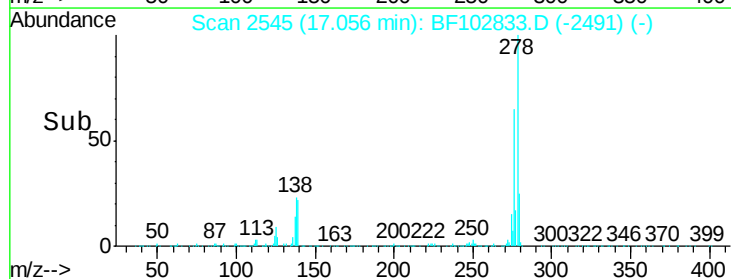
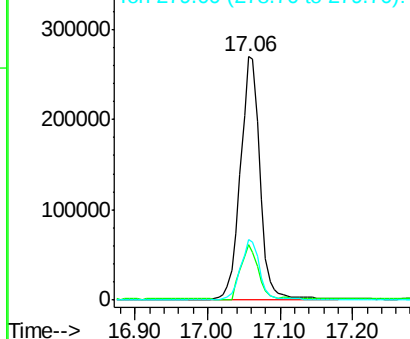
278 100

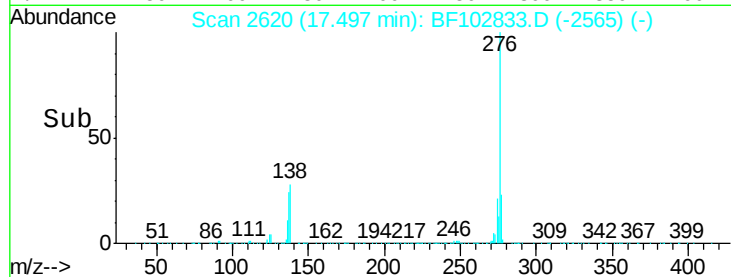
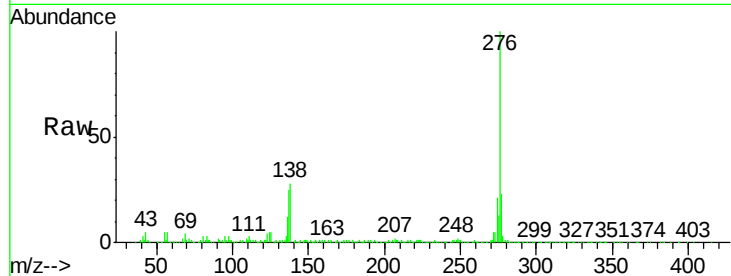
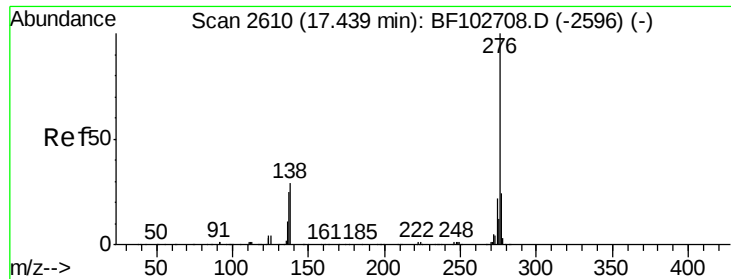
139 22.6 15.9 23.9

279 25.1 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: 37.82 ng

RT: 17.50 min Scan# 2620

Delta R.T. 0.02 min

Lab File: BF102833.D

Acq: 7 Feb 2018 23:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 486241

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 28.3 21.8 32.8

