

Data Path : U:\HPCHEM1\BNA F\DATA\BF012918\
 Data File : BF102587.D
 Acq On : 29 Jan 2018 10:22
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 00:02:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	133607	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	504554	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	224786	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	385953	20.00	ng	0.00
75) Chrysene-d12	13.88	240	277120	20.00	ng	0.00
86) Perylene-d12	15.30	264	218965	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	722652	82.01	ng	0.00
7) Phenol-d6	6.36	99	846610	79.69	ng	0.00
23) Nitrobenzene-d5	7.29	82	797672	90.85	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	153398	68.87	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1189920	77.83	ng	0.00
78) Terphenyl-d14	12.82	244	966464	78.62	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.36	88	178914	42.734	ng	97
3) Pyridine	3.07	79	460739	42.111	ng	98
4) n-Nitrosodimethylamine	3.03	42	171762	40.044	ng	99
6) Aniline	6.38	93	555712	39.549	ng	# 75
8) 2-Chlorophenol	6.50	128	372378	40.314	ng	95
9) Benzaldehyde	6.27	77	240073	41.121	ng	96
10) Phenol	6.37	94	448990	38.714	ng	# 59
11) bis(2-Chloroethyl)ether	6.45	93	353690	40.097	ng	92
12) 1,3-Dichlorobenzene	6.65	146	422813	38.488	ng	98
13) 1,4-Dichlorobenzene	6.73	146	435768	39.600	ng	98
14) 1,2-Dichlorobenzene	6.89	146	402848	40.022	ng	97
15) Benzyl Alcohol	6.86	79	288833	38.535	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	593417	40.112	ng	82
17) 2-Methylphenol	6.98	107	319214	39.792	ng	# 94
18) Hexachloroethane	7.22	117	156469	40.804	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	254647	39.170	ng	96
20) 3+4-Methylphenols	7.14	107	405547	42.984	ng	93
22) Acetophenone	7.13	105	517949	43.063	ng	# 95
24) Nitrobenzene	7.30	77	412680	45.929	ng	98
25) Isophorone	7.54	82	712290	45.507	ng	99
26) 2-Nitrophenol	7.62	139	215586	45.589	ng	97
27) 2,4-Dimethylphenol	7.66	122	312723	45.542	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	450135	46.554	ng	99
29) 2,4-Dichlorophenol	7.86	162	272258	38.924	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	284388	37.929	ng	99
31) Naphthalene	8.02	128	973059	38.626	ng	100
32) Benzoic acid	7.80	122	209440	36.405	ng	98
33) 4-Chloroaniline	8.07	127	414699	39.147	ng	99
34) Hexachlorobutadiene	8.13	225	153412	38.309	ng	99
35) Caprolactam	8.45	113	67308	29.137	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	287378	38.978	ng	94
37) 2-Methylnaphthalene	8.71	142	635058	37.853	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	261477	38.663	ng	99
40) Hexachlorocyclopentadiene	8.86	237	117336	38.769	ng	98

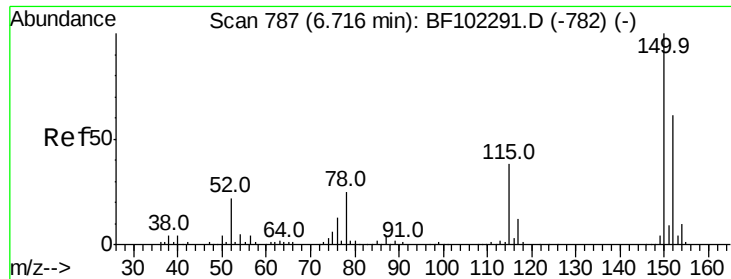
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	162193	35.826	ng	100
43) 2,4,5-Trichlorophenol	9.04	196	188307	36.942	ng	98
45) 1,1'-Biphenyl	9.17	154	765441	38.083	ng	99
46) 2-Chloronaphthalene	9.20	162	600915	38.463	ng	99
47) 2-Nitroaniline	9.30	65	193630	39.754	ng	94
48) Acenaphthylene	9.62	152	924690	37.991	ng	99
49) Dimethylphthalate	9.47	163	694647	37.387	ng	100
50) 2,6-Dinitrotoluene	9.55	165	150978	37.689	ng	98
51) Acenaphthene	9.79	154	536853	37.766	ng	99
52) 3-Nitroaniline	9.72	138	187439	39.554	ng	98
53) 2,4-Dinitrophenol	9.83	184	102406	58.040	ng	# 21
54) Dibenzofuran	9.96	168	740770	38.505	ng	98
55) 4-Nitrophenol	9.90	139	141092	45.104	ng	90
56) 2,4-Dinitrotoluene	9.96	165	180387	36.618	ng	# 90
57) Fluorene	10.30	166	610892	40.073	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	128409	35.282	ng	96
59) Diethylphthalate	10.17	149	657661	36.425	ng	98
60) 4-Chlorophenyl-phenylether	10.29	204	260556	39.422	ng	97
61) 4-Nitroaniline	10.33	138	169606	35.867	ng	90
62) Azobenzene	10.45	77	621341	37.587	ng	98
64) 4,6-Dinitro-2-methylphenol	10.37	198	92421	35.893	ng	86
65) n-Nitrosodiphenylamine	10.42	169	540734	38.171	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	156177	37.590	ng	93
67) Hexachlorobenzene	10.85	284	165233	35.560	ng	99
68) Atrazine	10.95	200	158554	37.897	ng	99
69) Pentachlorophenol	11.05	266	96339	39.468	ng	98
70) Phenanthrene	11.26	178	852933	37.924	ng	99
71) Anthracene	11.32	178	885221	38.562	ng	100
72) Carbazole	11.47	167	867823	38.751	ng	99
73) Di-n-butylphthalate	11.79	149	1039750	37.143	ng	99
74) Fluoranthene	12.45	202	851047	37.107	ng	99
76) Benzidine	12.57	184	488644	52.489	ng	99
77) Pyrene	12.68	202	876405	40.904	ng	99
79) Butylbenzylphthalate	13.29	149	425267	39.884	ng	97
80) Benzo(a)anthracene	13.87	228	685646	40.187	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	240921	38.494	ng	99
82) Chrysene	13.90	228	670339	38.690	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	564390	39.387	ng	# 100
84) Di-n-octyl phthalate	14.46	149	836863	35.912	ng	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	462804	32.344	ng	97
87) Benzo(b)fluoranthene	14.90	252	550328	38.777	ng	98
88) Benzo(k)fluoranthene	14.93	252	563945	42.059	ng	99
89) Benzo(a)pyrene	15.25	252	503657	39.349	ng	96
90) Dibenzo(a,h)anthracene	16.72	278	377605	36.418	ng	98
91) Benzo(g,h,i)perylene	17.13	276	384199	37.528	ng	98

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

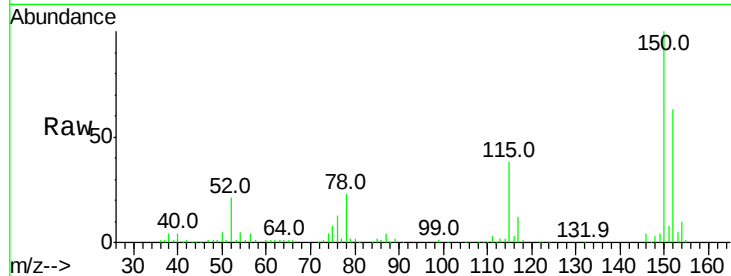


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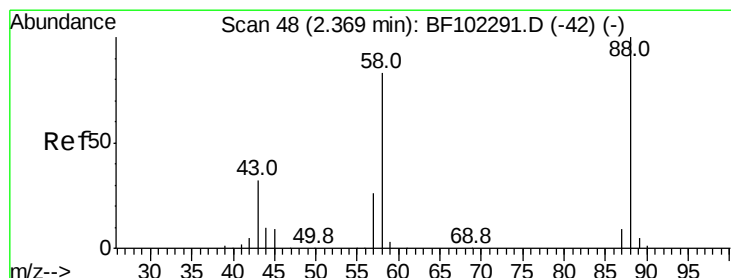
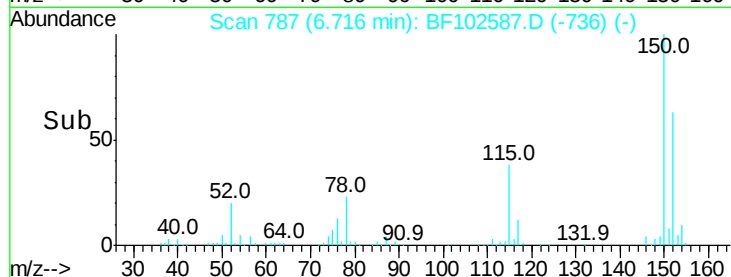
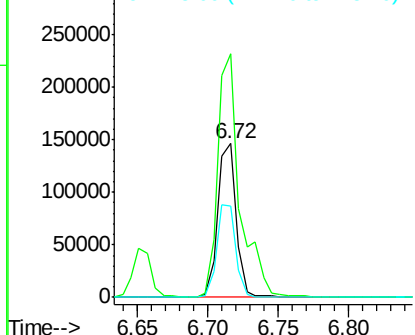
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133607
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 59.3 50.1 75.1



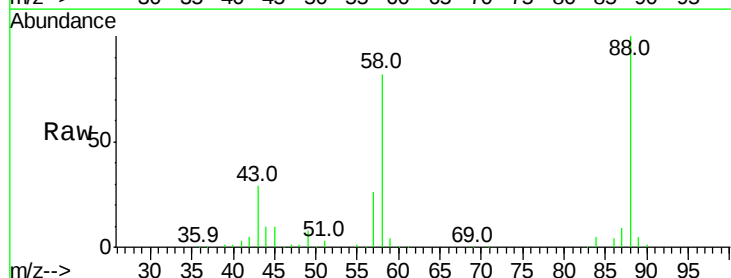
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



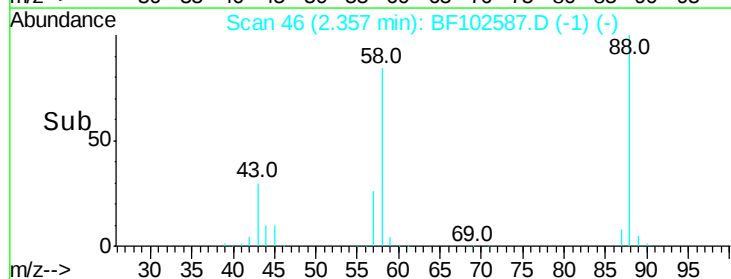
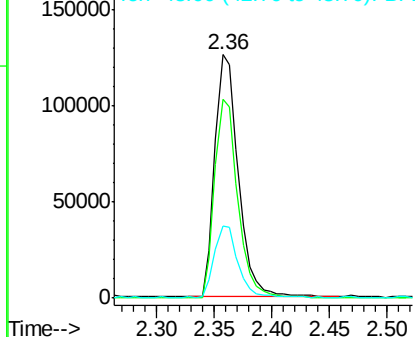
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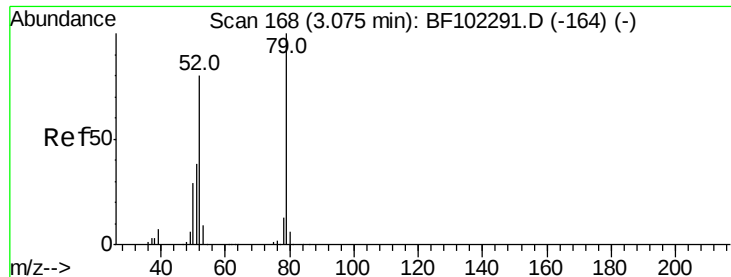
1,4-Dioxane
Concen: 42.734 ng
RT: 2.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion: 88 Resp: 178914
Ion Ratio Lower Upper
88 100
58 81.4 62.6 93.8
43 29.8 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: 42.111 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

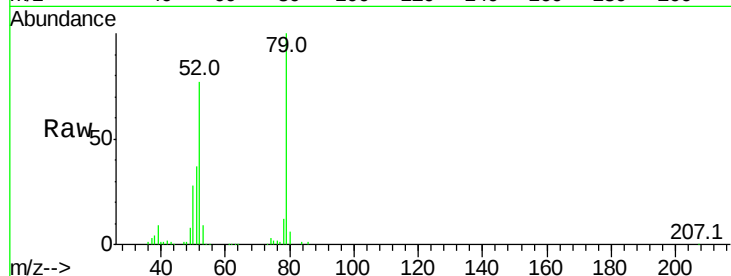
Tot Ion: 79 Resp: 460739

Ion Ratio Lower Upper

79 100

52 77.3 59.8 89.6

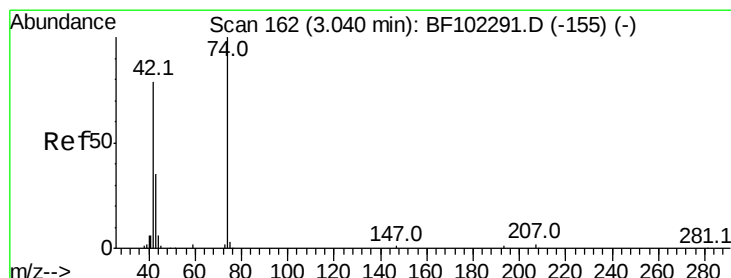
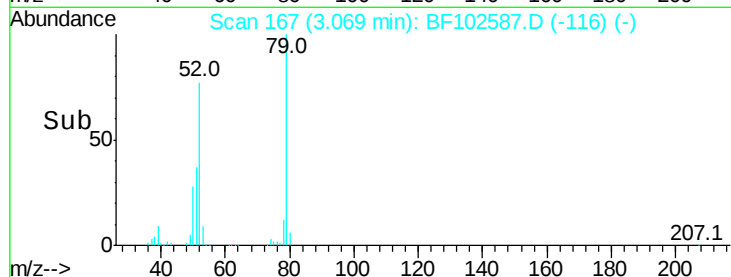
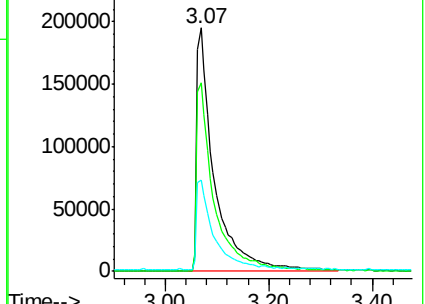
51 37.5 29.8 44.8



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: 40.044 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.01 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

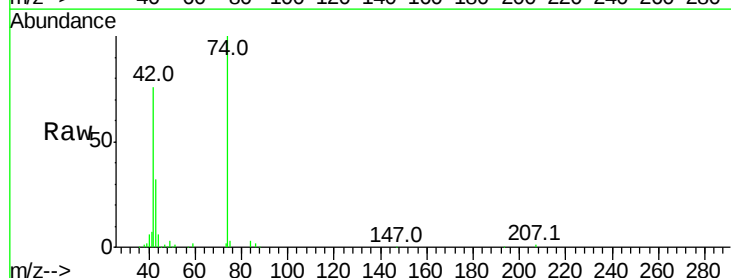
Tgt Ion: 42 Resp: 171762

Ion Ratio Lower Upper

42 100

74 132.0 104.9 157.3

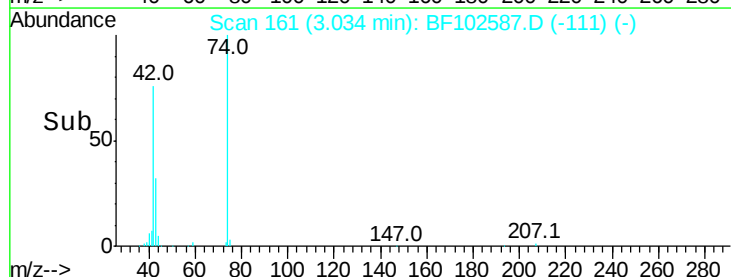
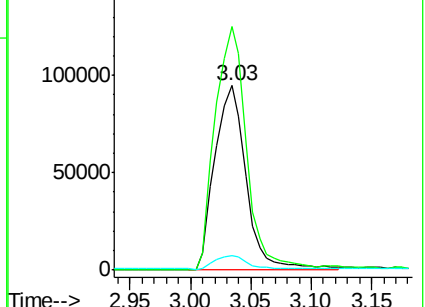
44 7.6 6.9 10.3

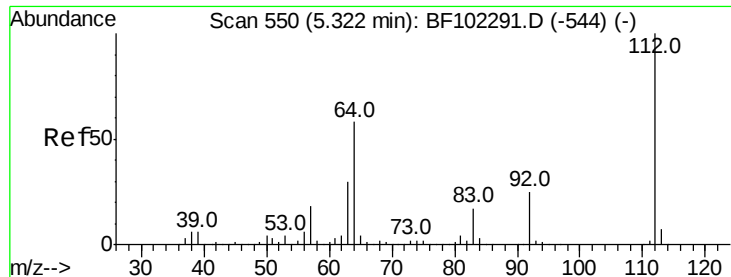


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 82.011 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampled :

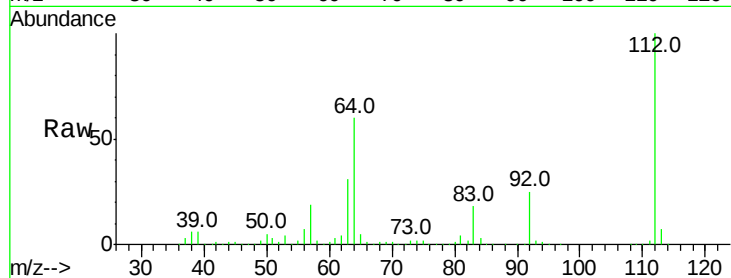
Tot Ion:112 Resp: 722652

Ion Ratio Lower Upper

112 100

64 60.2 47.9 71.9

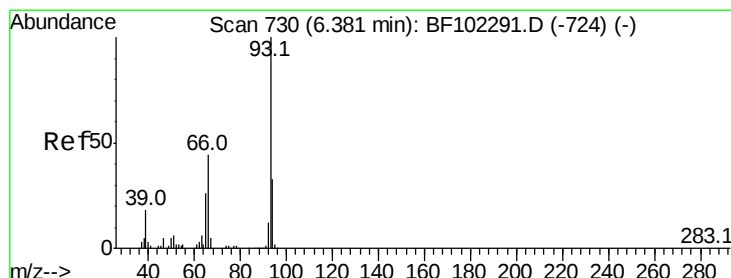
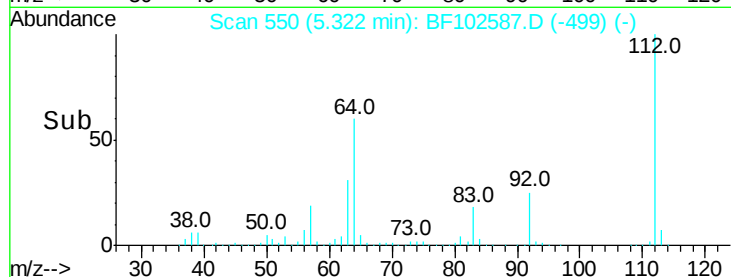
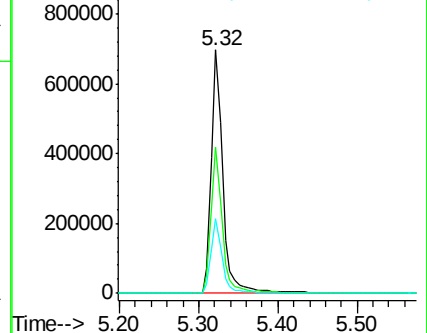
63 30.8 23.7 35.5



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: 39.549 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

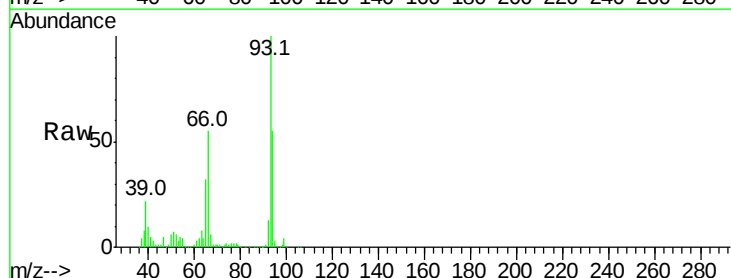
Tgt Ion: 93 Resp: 555712

Ion Ratio Lower Upper

93 100

66 55.4 32.2 48.2#

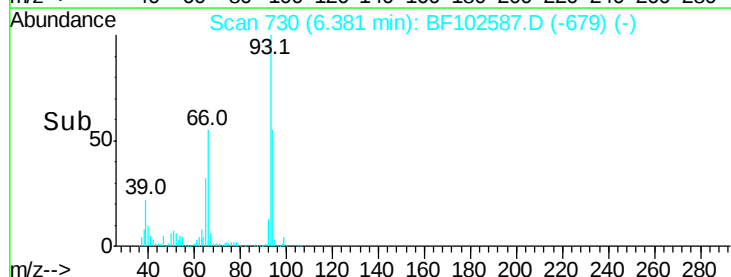
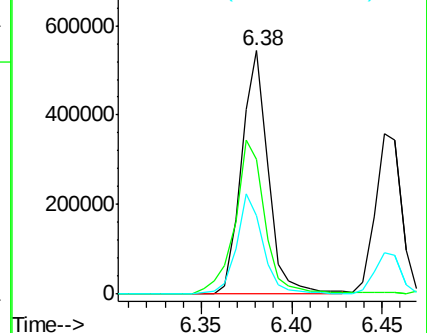
65 32.5 16.4 24.6#

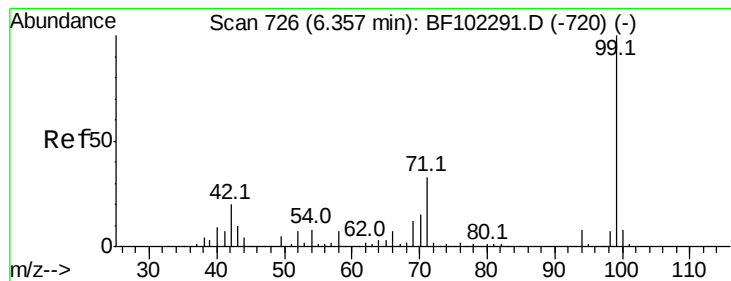


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.694 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

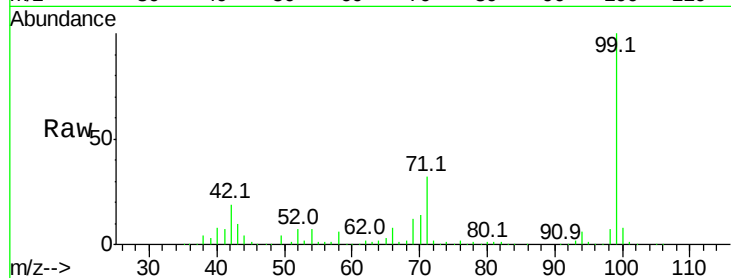
Tot Ion: 99 Resp: 846610

Ion Ratio Lower Upper

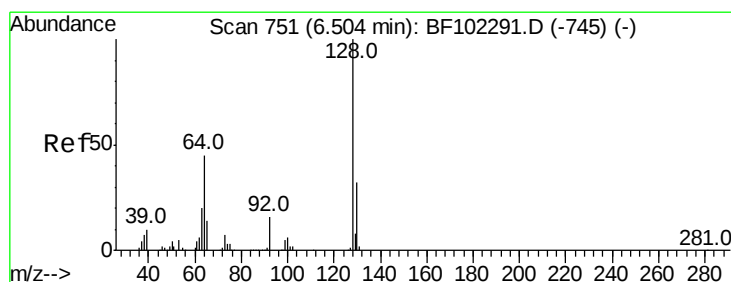
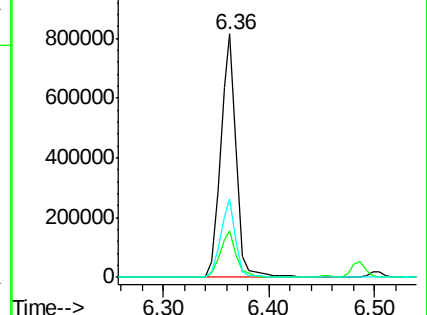
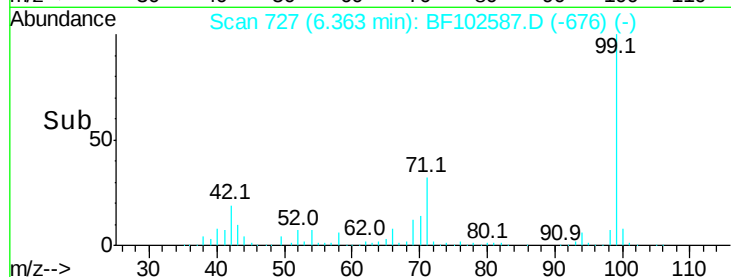
99 100

42 18.9 14.5 21.7

71 32.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.314 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

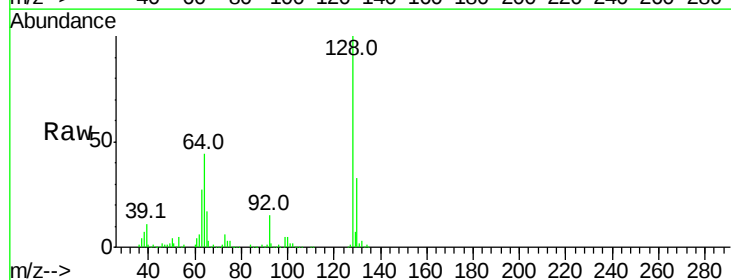
Tgt Ion: 128 Resp: 372378

Ion Ratio Lower Upper

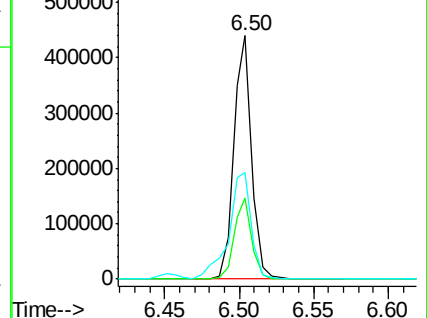
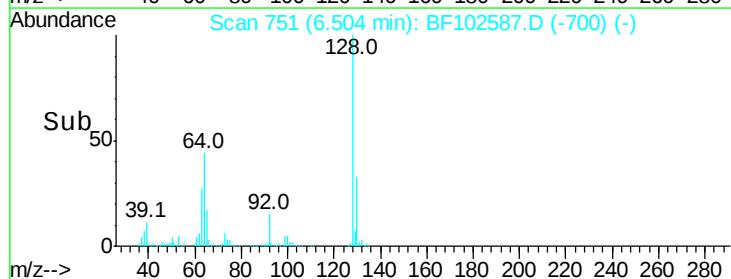
128 100

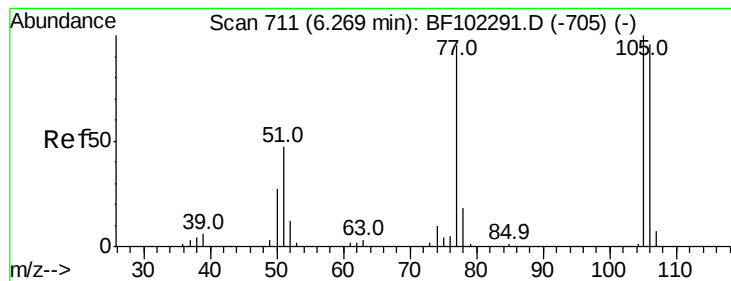
130 33.2 13.0 53.0

64 43.9 29.4 69.4



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





#9

Benzaldehyde

Concen: 41.121 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

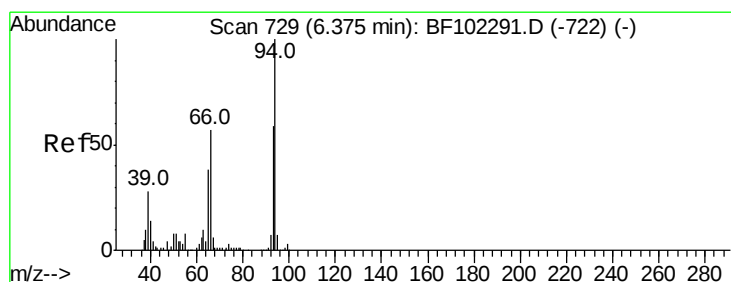
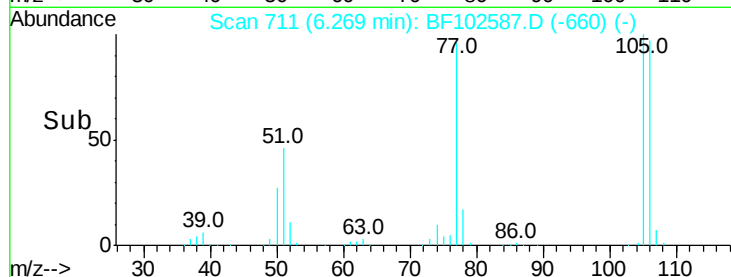
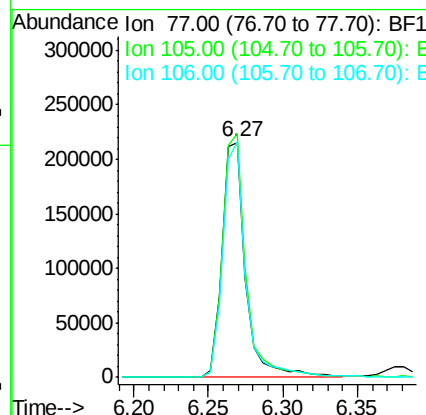
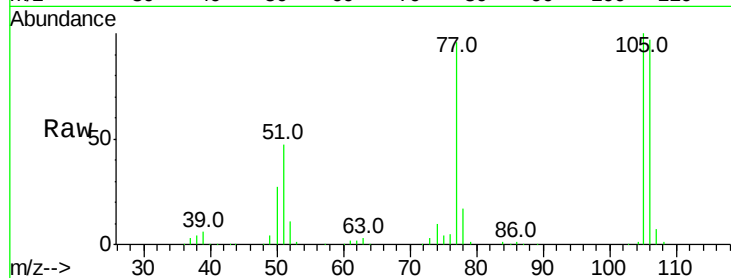
Tot Ion: 77 Resp: 240073

Ion Ratio Lower Upper

77 100

105 103.7 81.1 121.1

106 100.3 74.5 114.5



#10

Phenol

Concen: 38.714 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

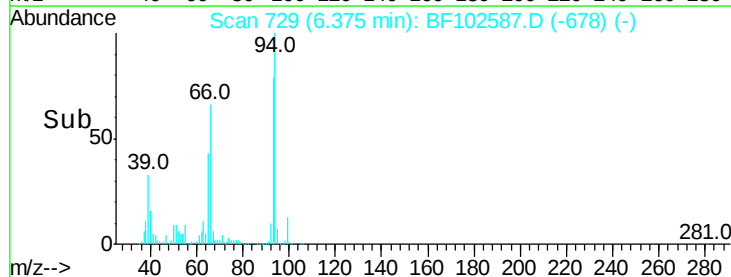
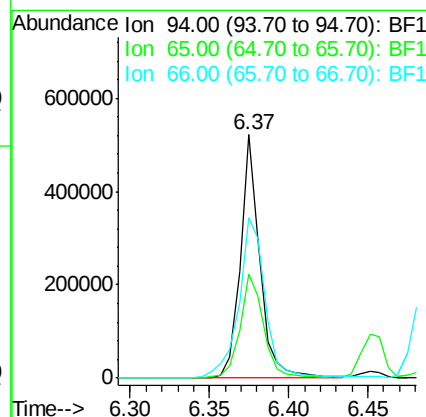
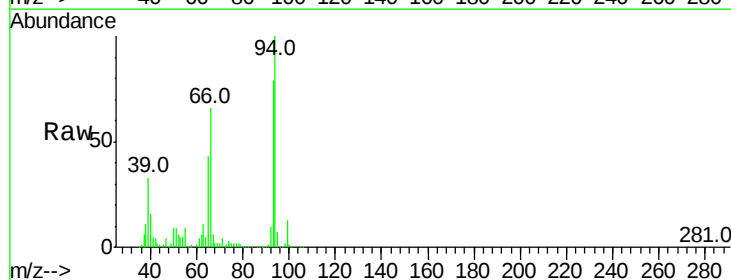
Tgt Ion: 94 Resp: 448990

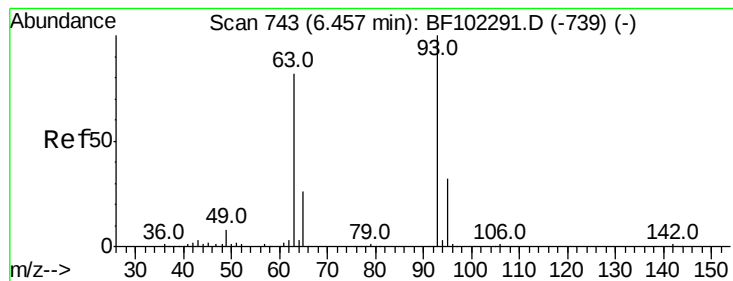
Ion Ratio Lower Upper

94 100

65 43.0 7.9 47.9

66 65.7 16.2 56.2#

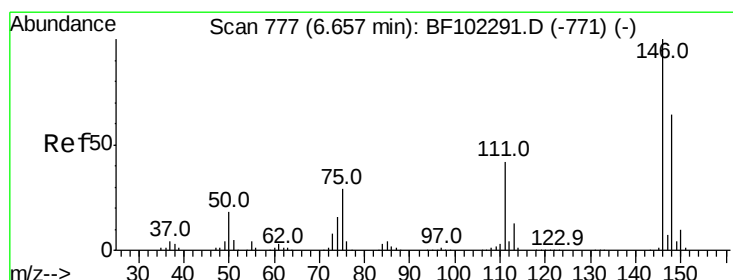
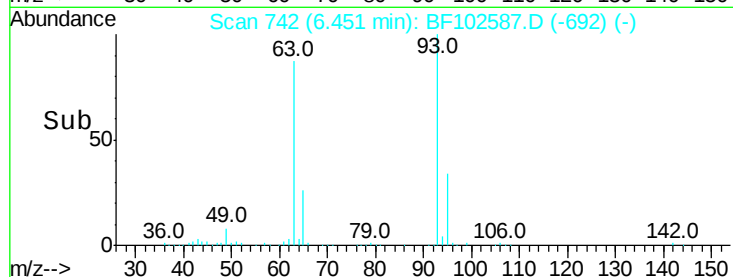
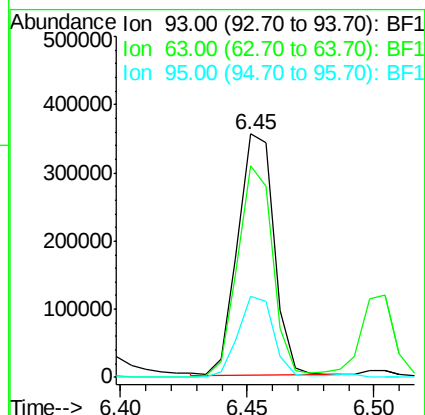
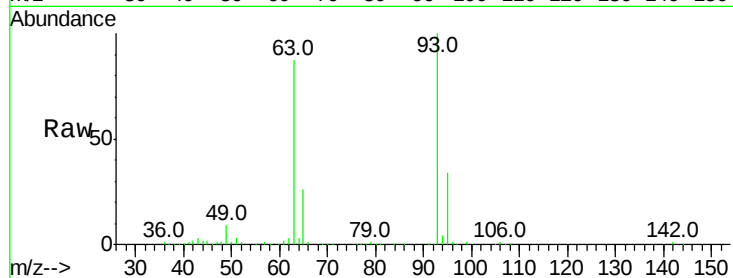




#11
bis(2-Chloroethyl)ether
Concen: 40.097 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

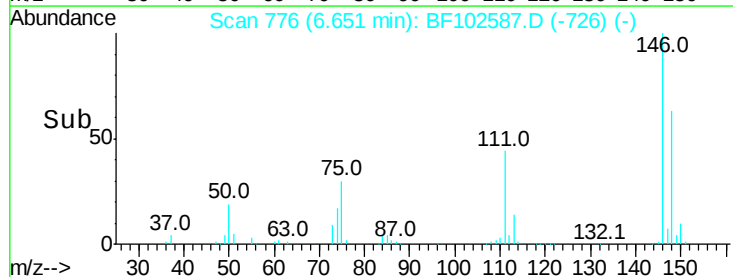
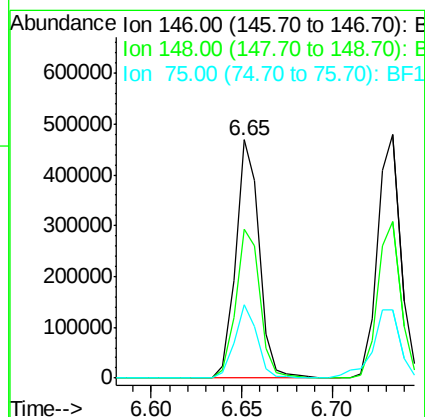
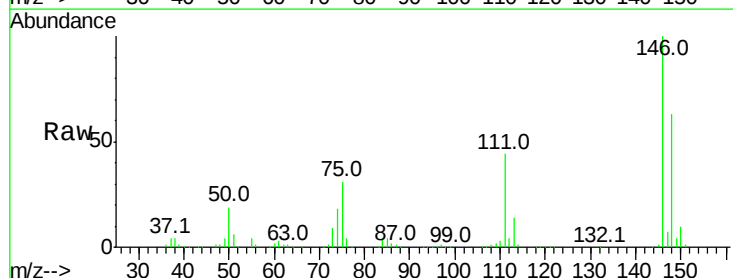
Instrument :
BNA_F
ClientSampleId :

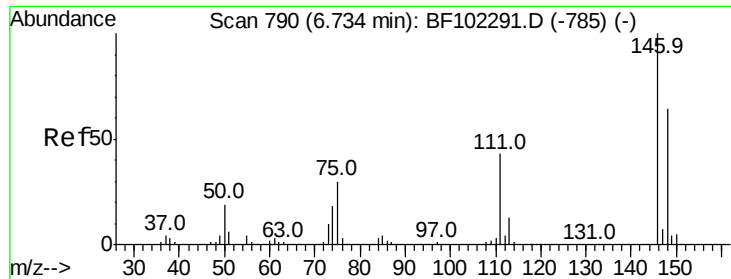
Tot Ion: 93 Resp: 353690
Ion Ratio Lower Upper
93 100
63 87.0 58.6 98.6
95 33.5 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.488 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion: 146 Resp: 422813
Ion Ratio Lower Upper
146 100
148 62.6 51.8 77.8
75 30.6 24.2 36.4

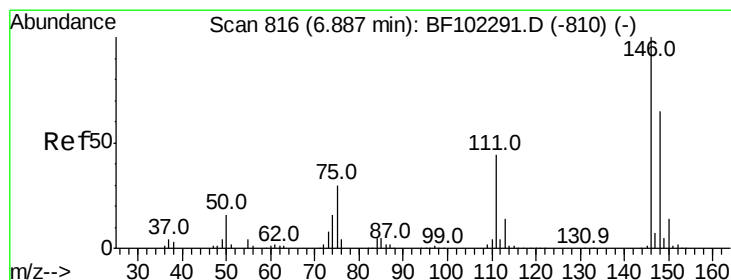
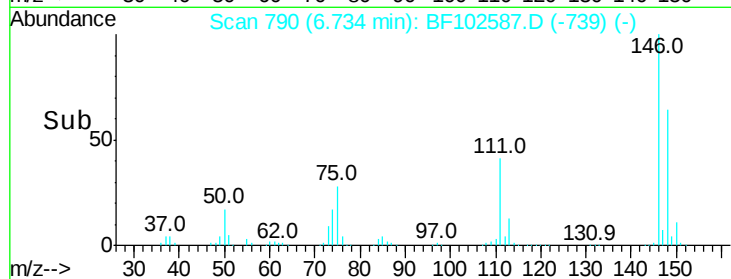
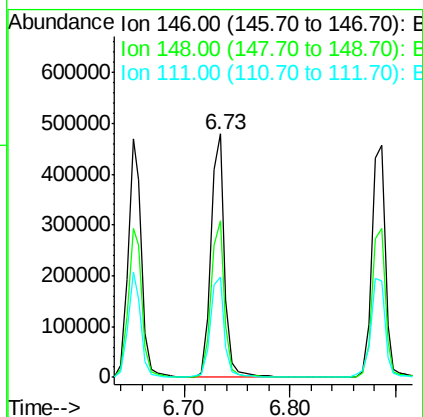
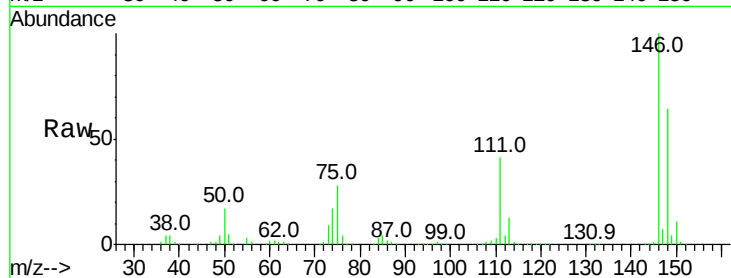




#13
 1,4-Dichlorobenzene
 Concen: 39.600 ng
 RT: 6.73 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

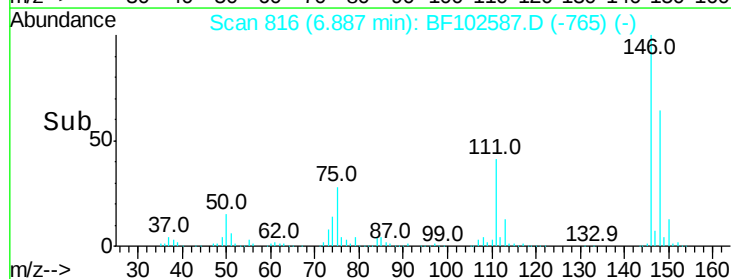
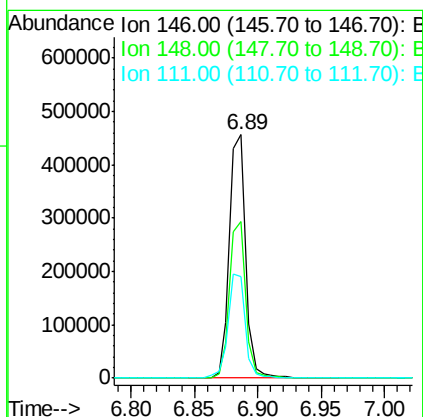
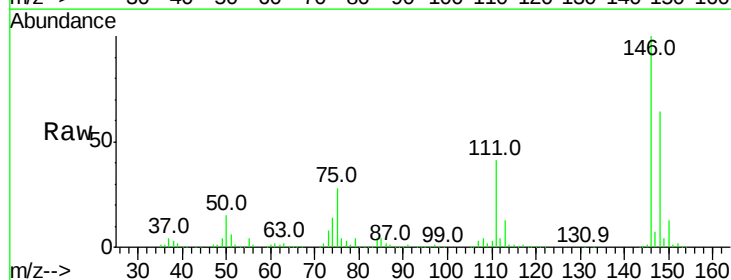
Instrument :
 BNA_F
 ClientSampleId :

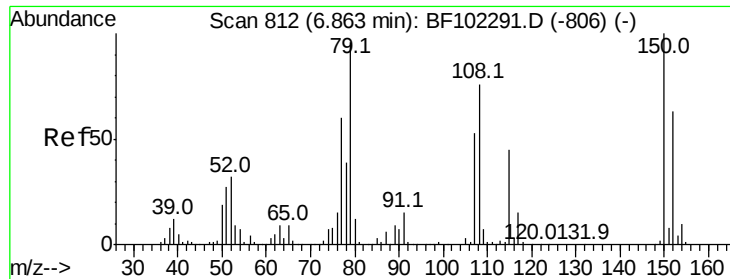
Tot Ion:146 Resp: 435768
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.8 76.2
 111 41.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.022 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Tgt Ion:146 Resp: 402848
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 41.5 36.0 54.0

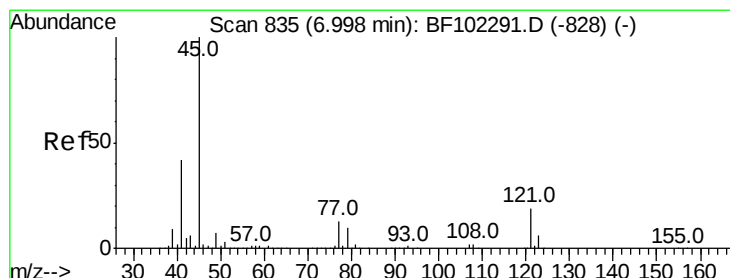
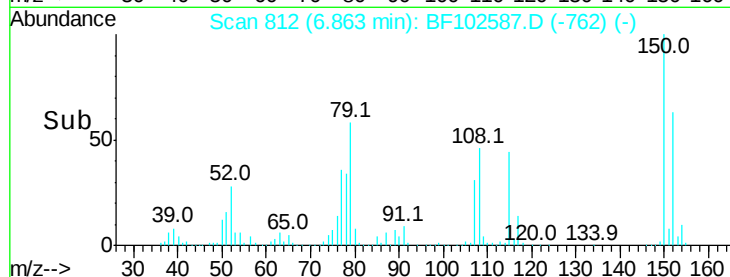
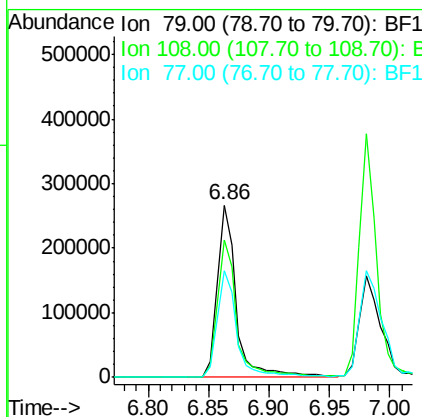
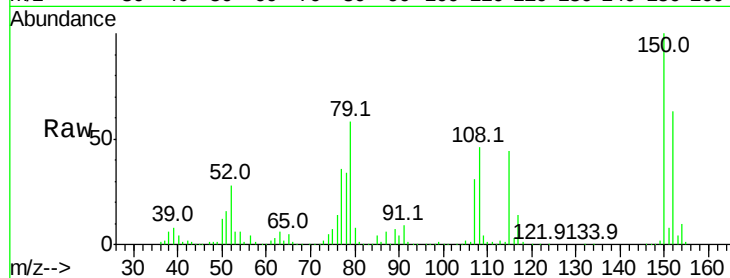




#15
Benzyl Alcohol
Concen: 38.535 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

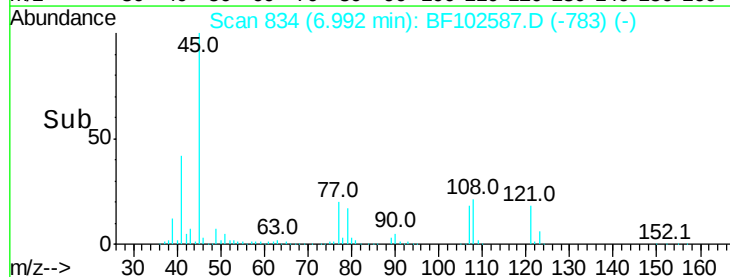
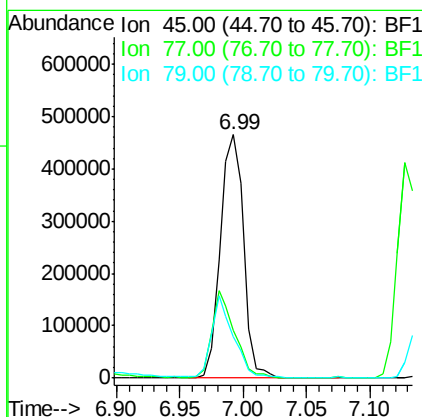
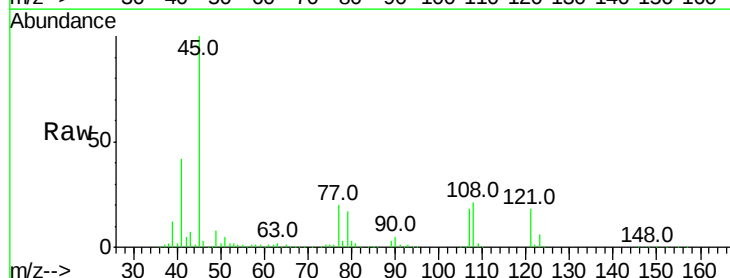
Instrument :
BNA_F
ClientSampleId :

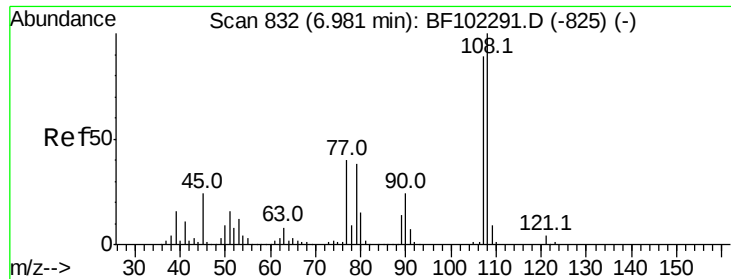
Tot Ion: 79 Resp: 288833
Ion Ratio Lower Upper
79 100
108 80.0 65.1 97.7
77 62.4 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.112 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion: 45 Resp: 593417
Ion Ratio Lower Upper
45 100
77 19.8 0.0 32.9
79 16.8 0.0 29.6

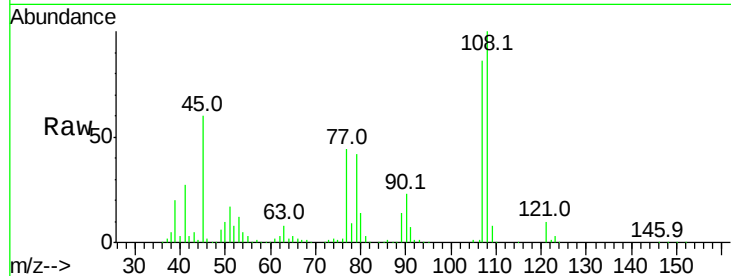




#17
2-Methylphenol
Concen: 39.792 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.9	91.7	137.5
77	51.1	33.8	50.8
79	48.2	33.8	50.8



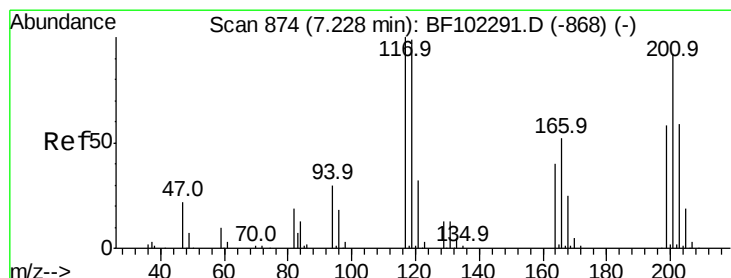
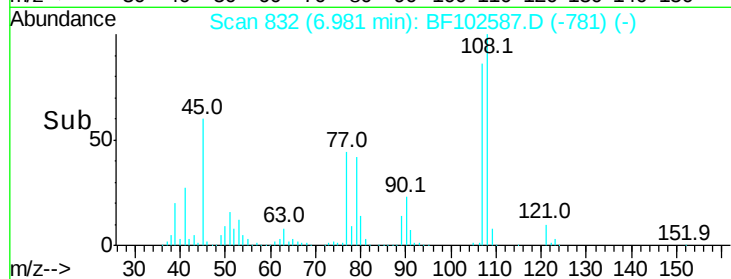
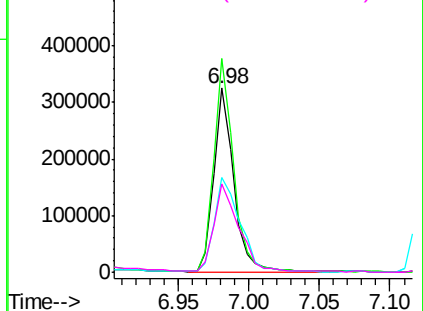
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

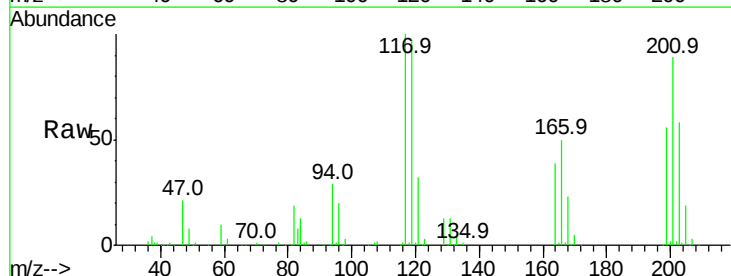
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.804 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.8	113.8
201	89.1	75.7	113.5

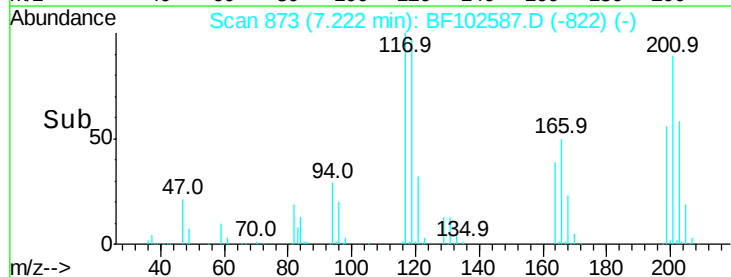
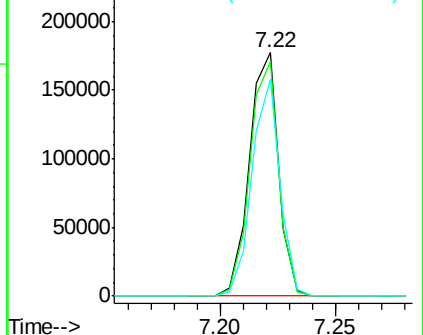


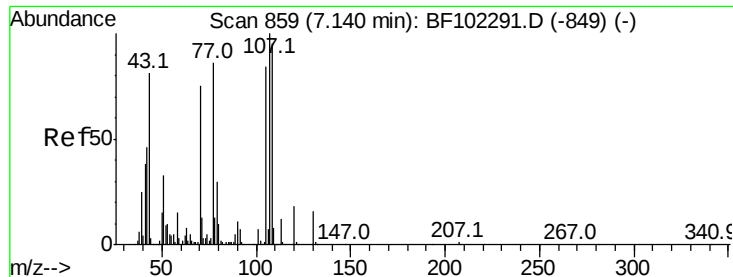
Abundance

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

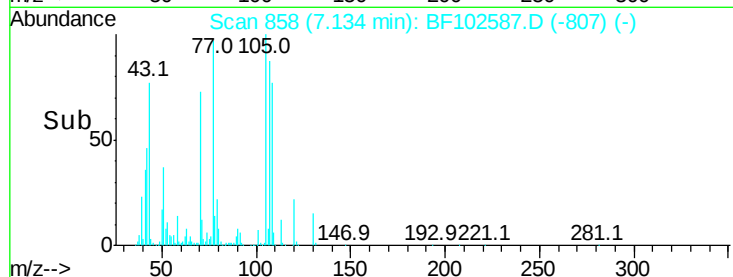
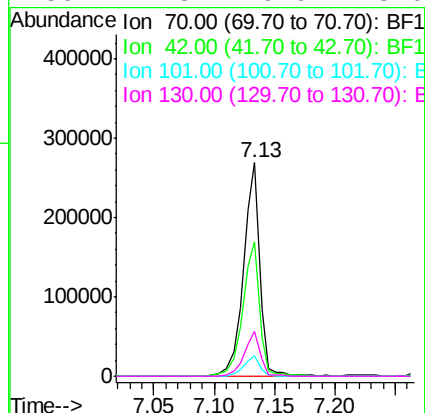
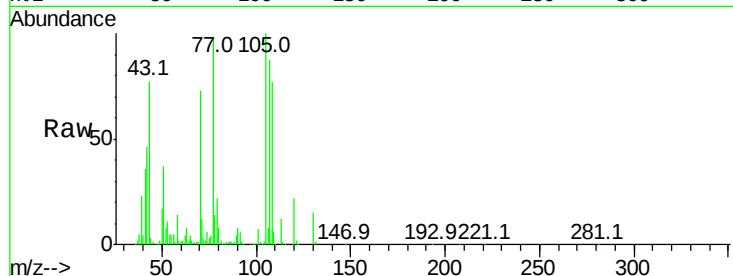




#19
n-Nitroso-di-n-propylamine
Concen: 39.170 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

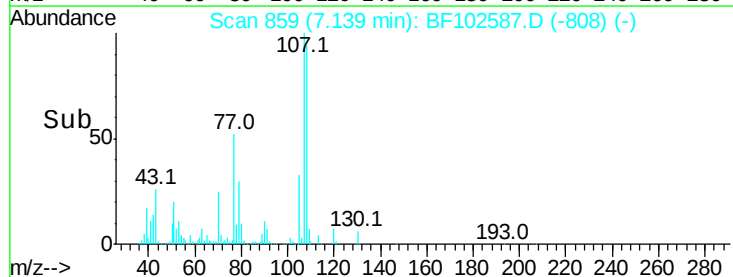
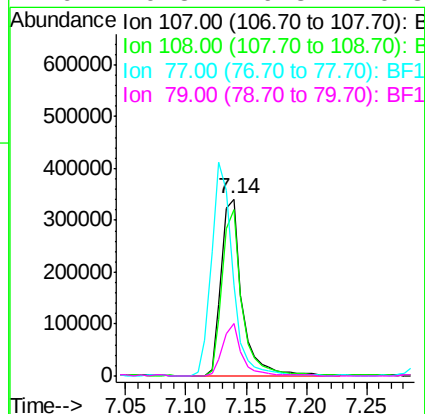
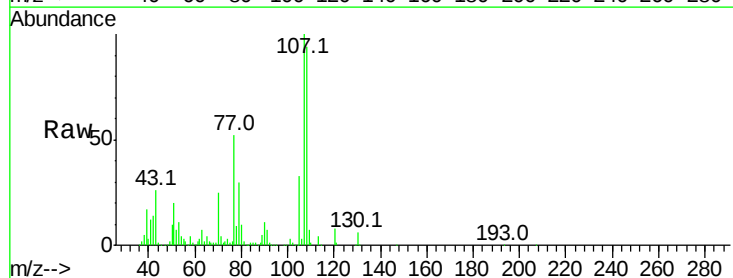
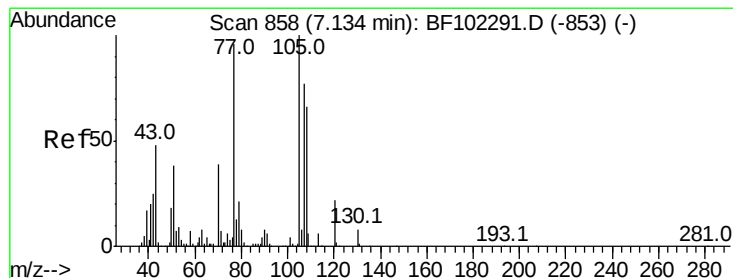
Instrument :
BNA_F
ClientSampleId :

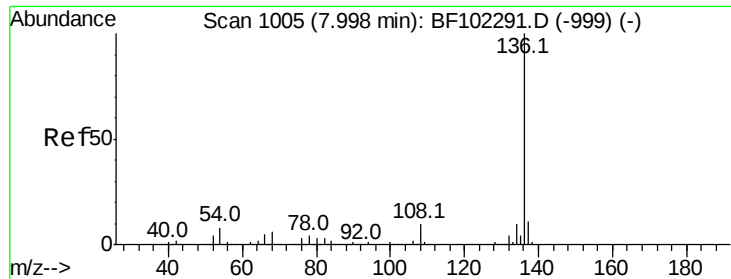
Tot Ion: 70 Resp: 254647
Ion Ratio Lower Upper
70 100
42 63.1 47.5 71.3
101 9.5 7.4 11.2
130 21.3 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.984 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion:107 Resp: 405547
Ion Ratio Lower Upper
107 100
108 93.7 68.2 108.2
77 51.6 26.7 66.7
79 29.8 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 504554

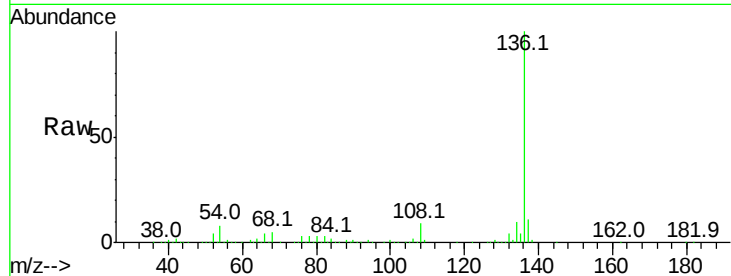
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.5 6.6 9.8

68 5.5 5.0 7.4

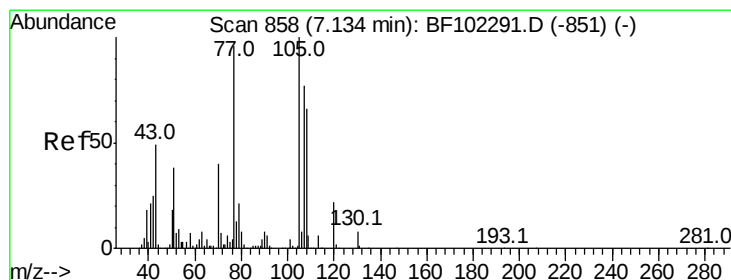
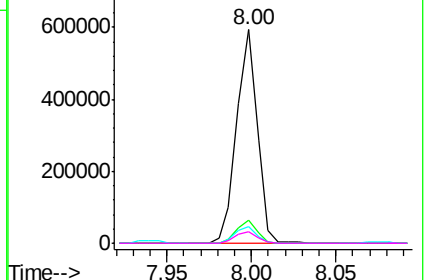
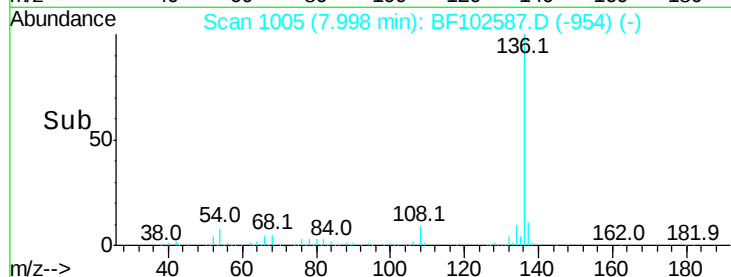


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.063 ng

RT: 7.13 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Tgt Ion:105 Resp: 517949

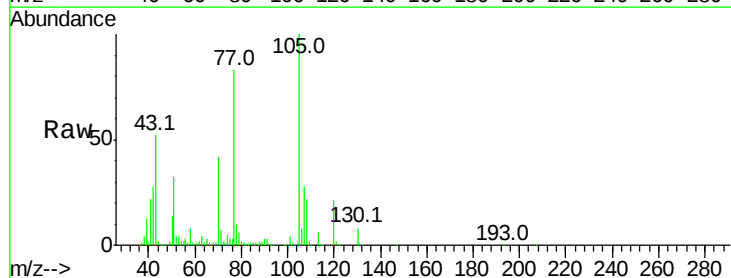
Ion Ratio Lower Upper

105 100

71 7.2 4.4 6.6#

51 32.0 22.3 33.5

120 20.8 16.9 25.3

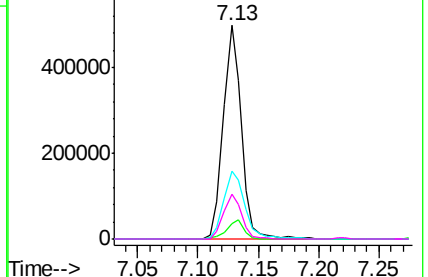
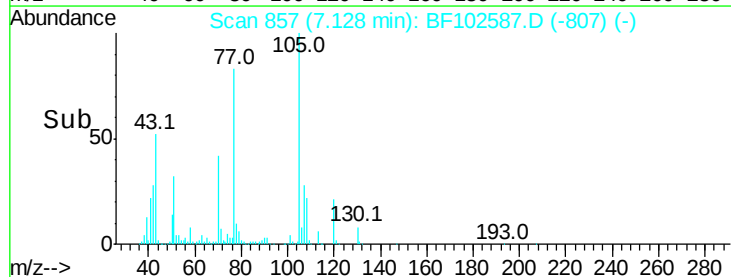


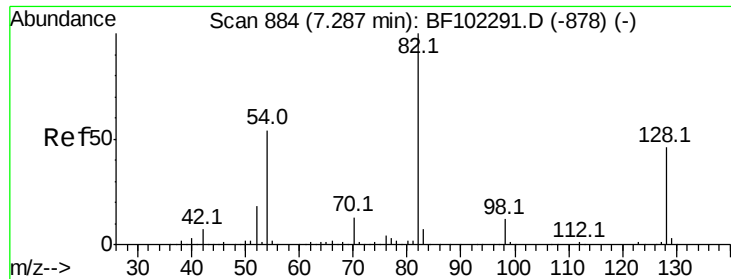
Abundance Ion 105.00 (104.70 to 105.70): E

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

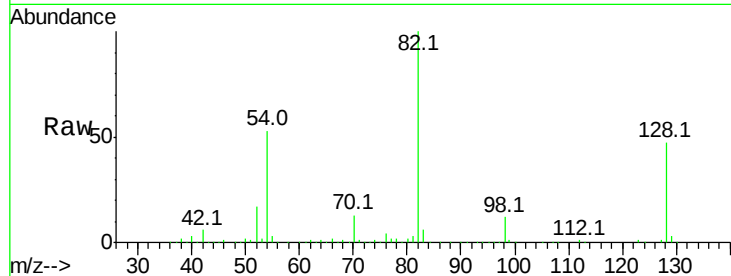




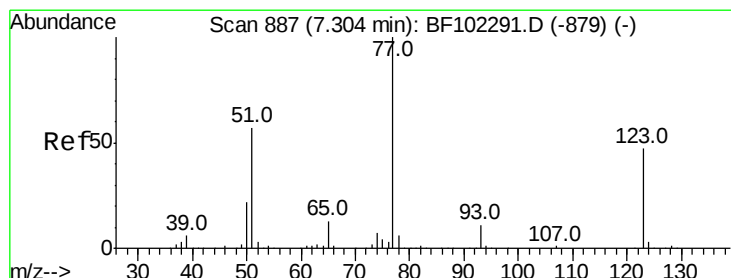
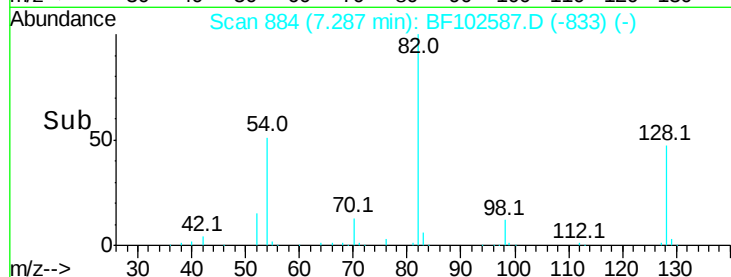
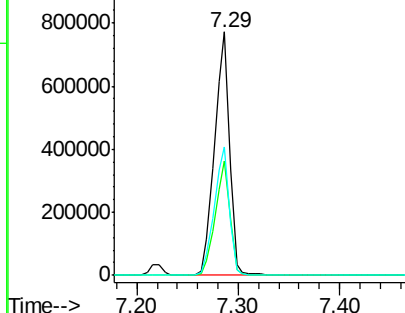
#23
Nitrobenzene-d5
Concen: 90.852 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 797672
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 52.7 41.4 62.2

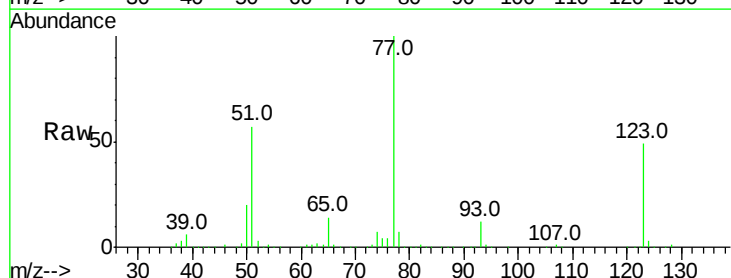


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

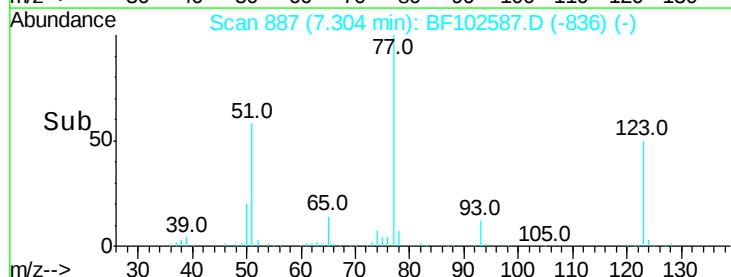
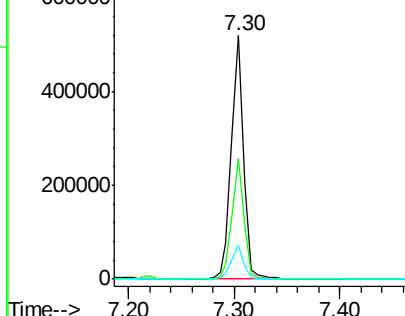


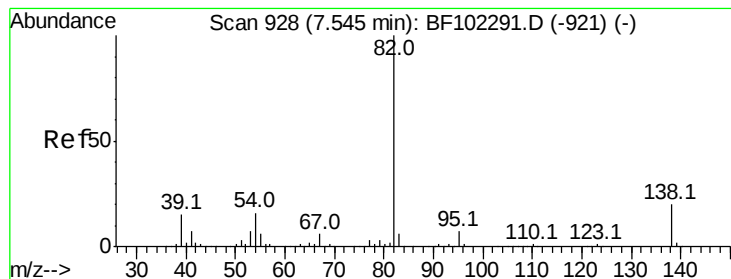
#24
Nitrobenzene
Concen: 45.929 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion: 77 Resp: 412680
Ion Ratio Lower Upper
77 100
123 49.5 37.9 56.9
65 13.7 11.0 16.4



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





#25

Isophorone

Concen: 45.507 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

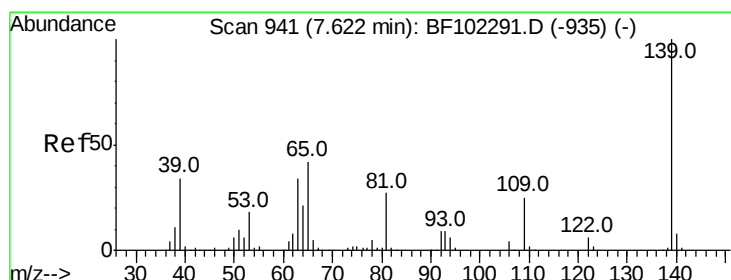
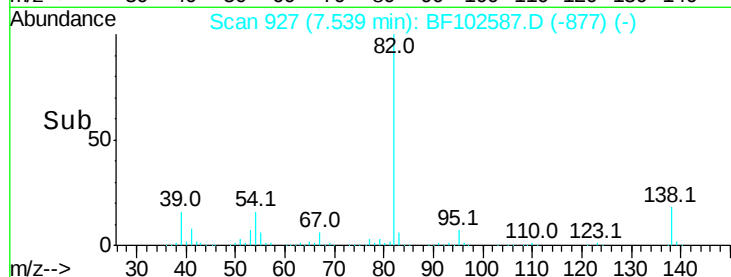
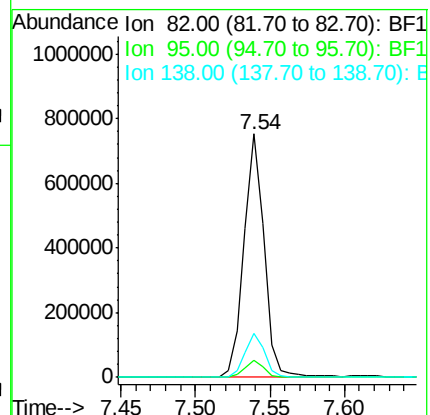
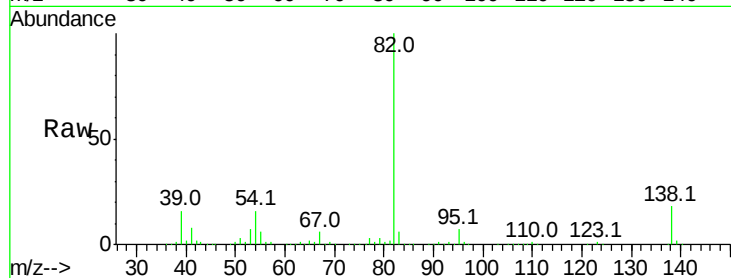
Tot Ion: 82 Resp: 712290

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 45.589 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

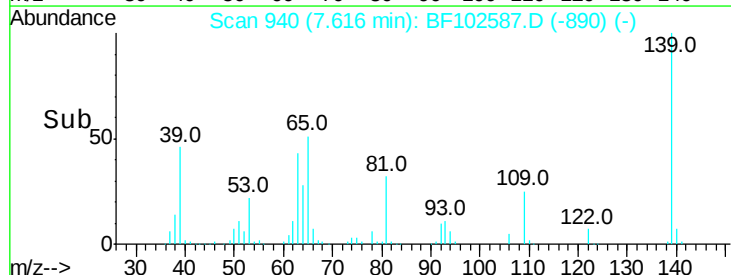
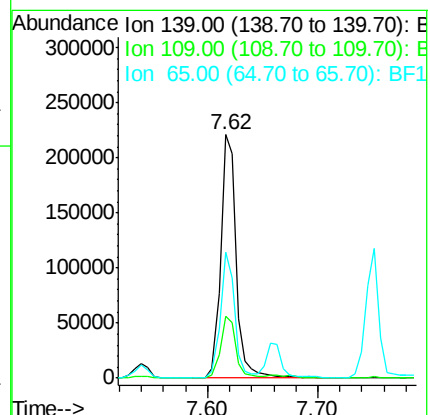
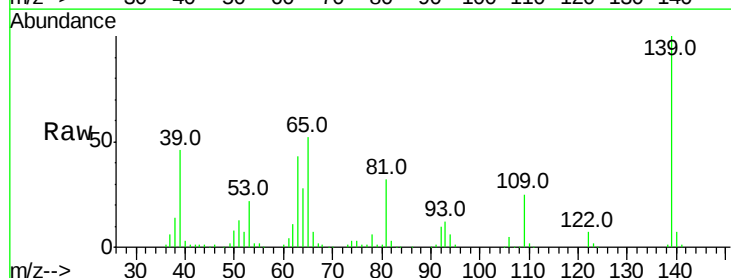
Tgt Ion: 139 Resp: 215586

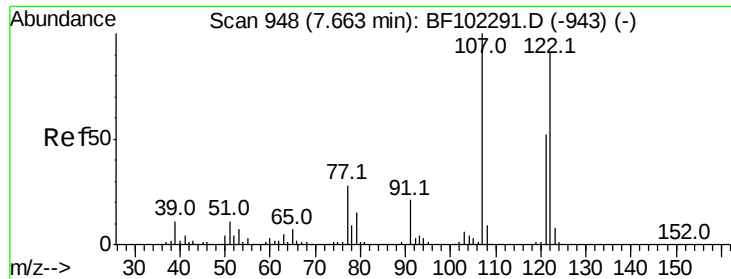
Ion Ratio Lower Upper

139 100

109 25.5 22.7 34.1

65 51.6 40.5 60.7

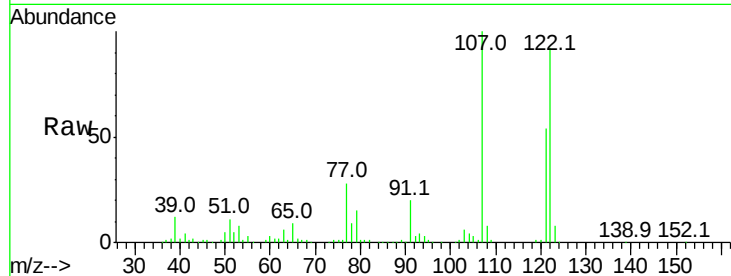




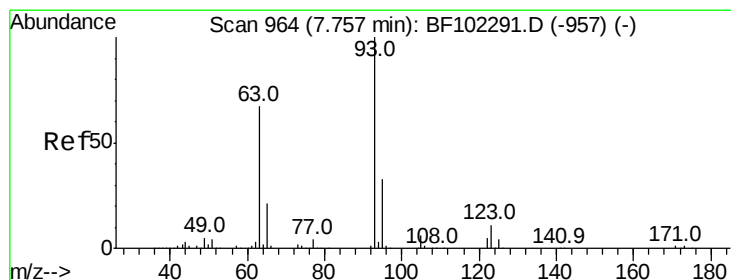
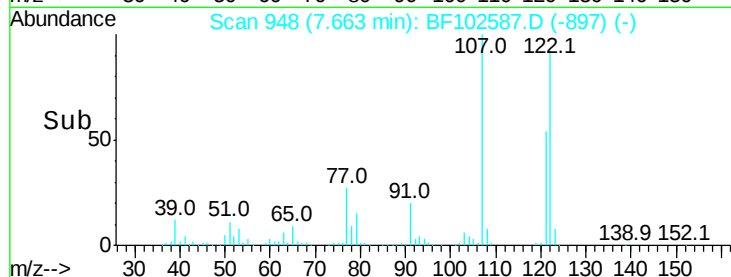
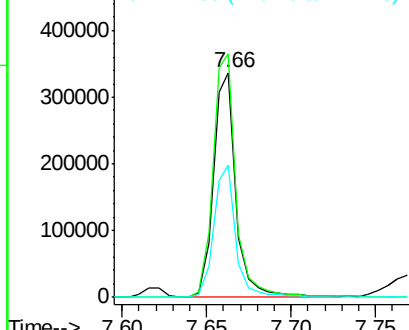
#27
2,4-Dimethylphenol
Concen: 45.542 ng
RT: 7.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 312723
Ion Ratio Lower Upper
122 100
107 108.4 91.2 136.8
121 59.0 47.2 70.8

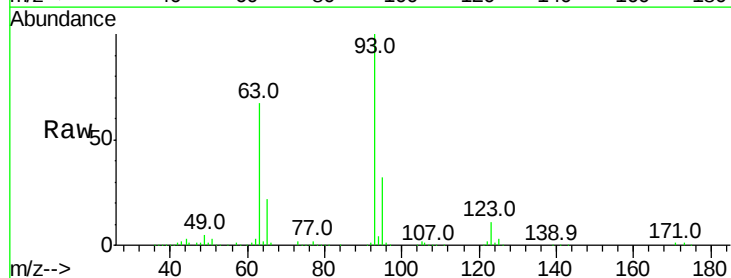


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

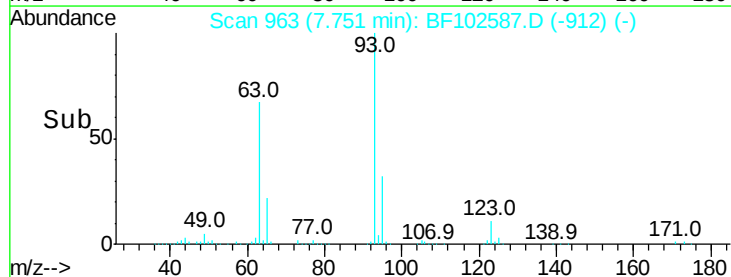
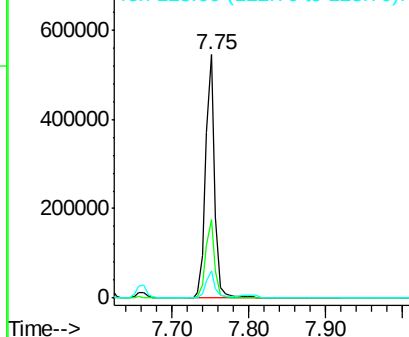


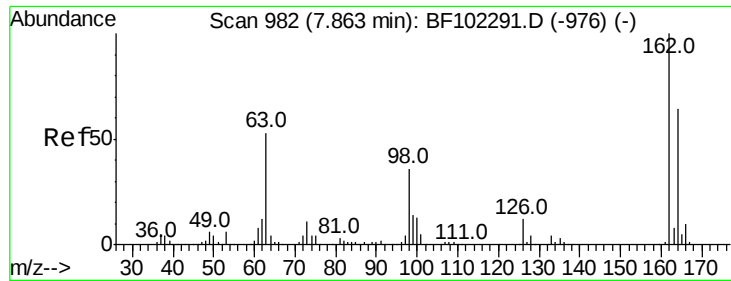
#28
bis(2-Chloroethoxy)methane
Concen: 46.554 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion: 93 Resp: 450135
Ion Ratio Lower Upper
93 100
95 32.4 26.3 39.5
123 11.1 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

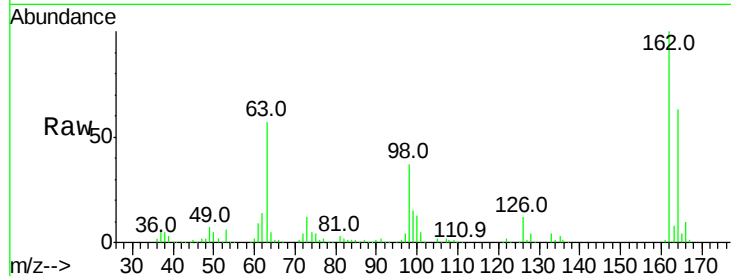




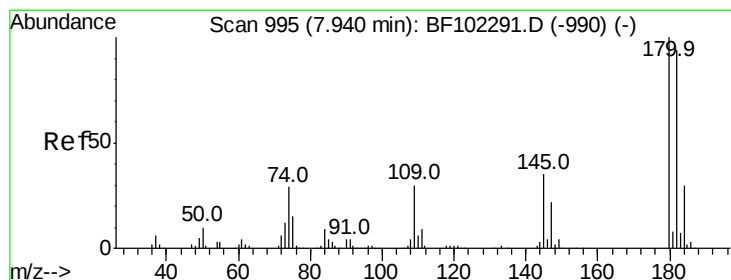
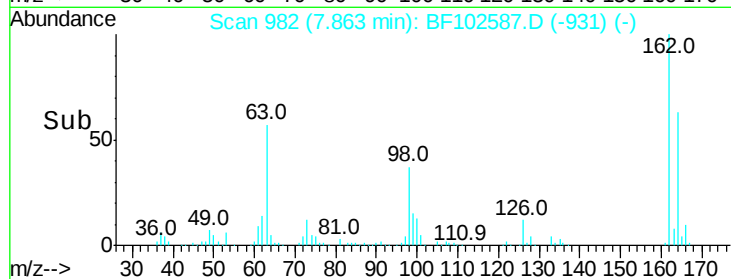
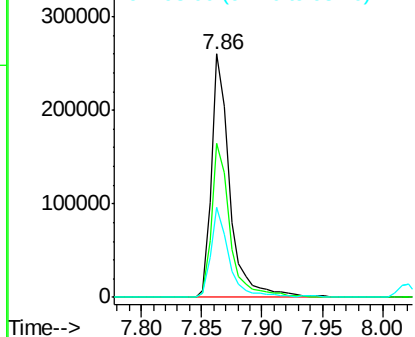
#29
 2,4-Dichlorophenol
 Concen: 38.924 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	42.7	82.7
98	36.8	18.1	58.1

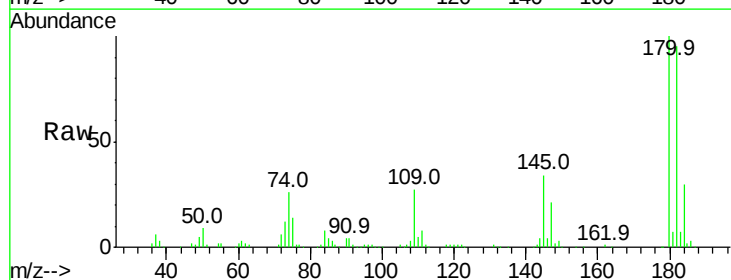


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

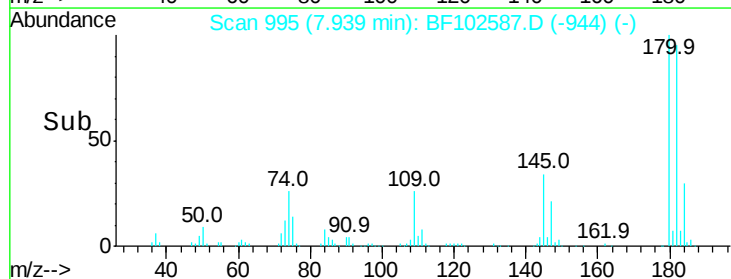
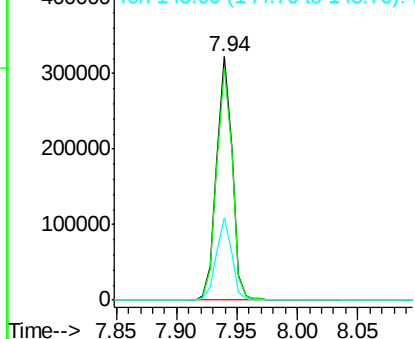


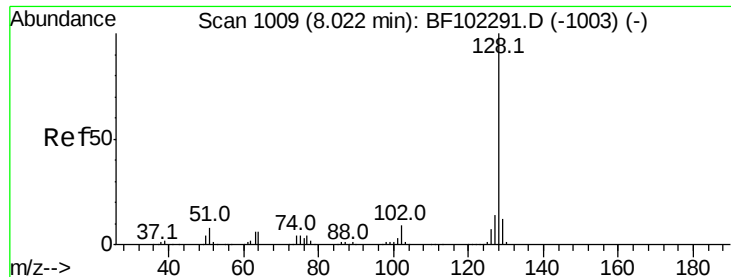
#30
 1,2,4-Trichlorobenzene
 Concen: 37.929 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.8	115.2
145	33.9	26.5	39.7



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

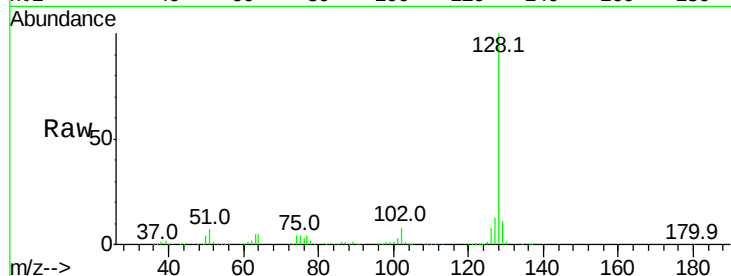




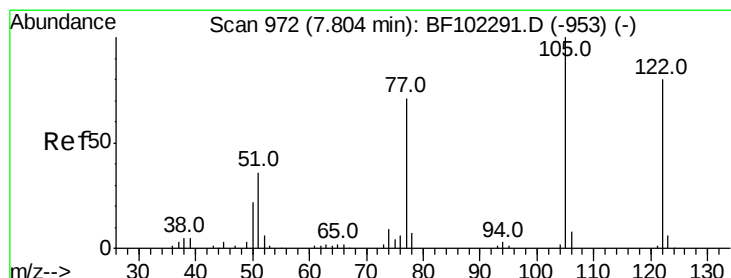
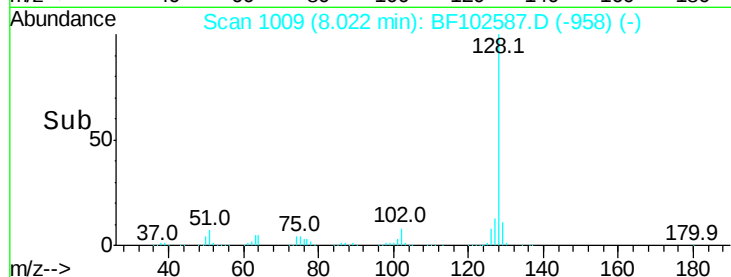
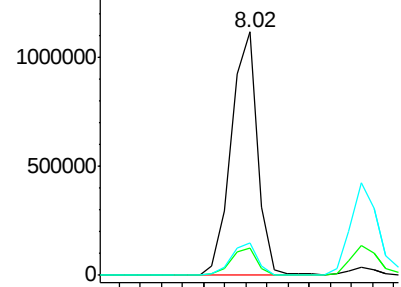
#31
Naphthalene
Concen: 38.626 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 973059
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.4 10.9 16.3

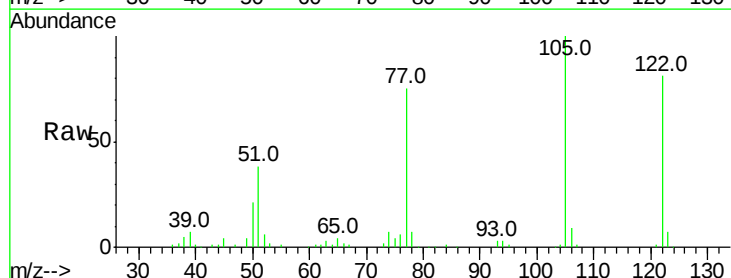


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

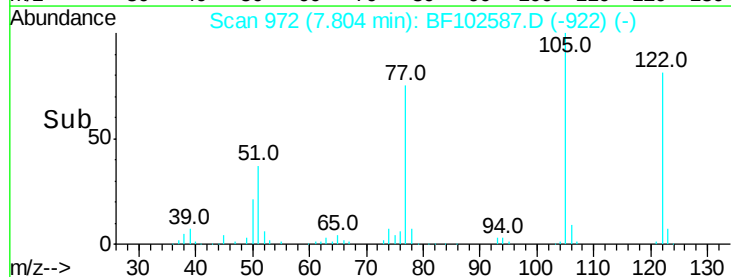
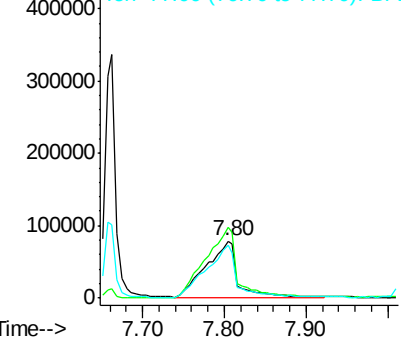


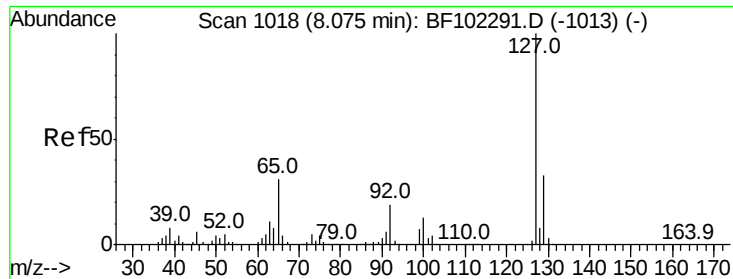
#32
Benzoic acid
Concen: 36.405 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion:122 Resp: 209440
Ion Ratio Lower Upper
122 100
105 123.4 101.1 141.1
77 92.6 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
400000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

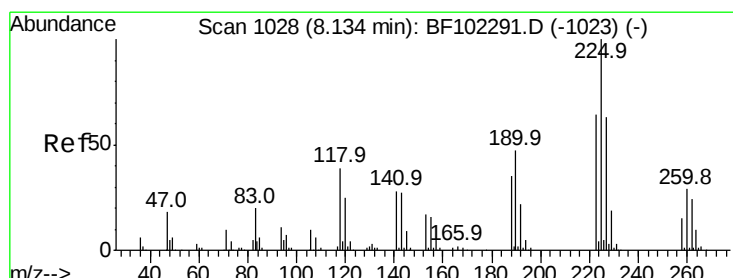
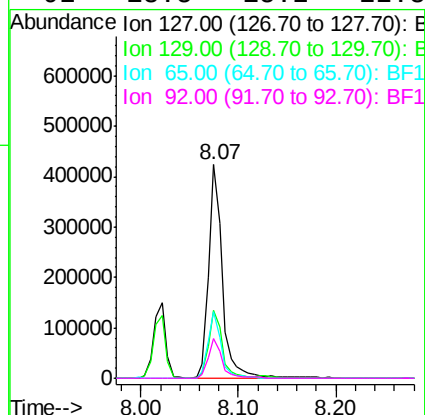
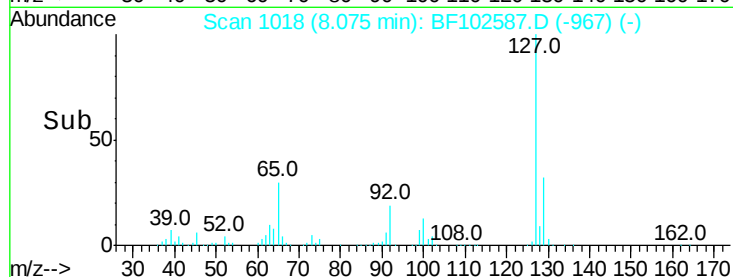
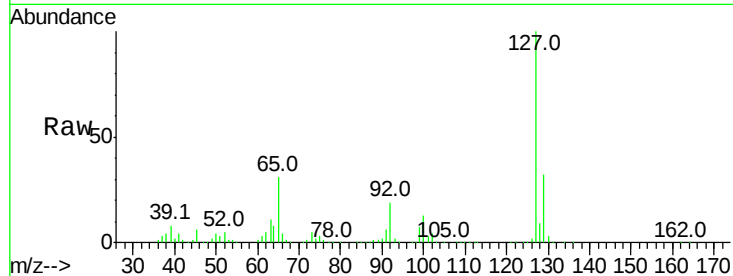




#33
4-Chloroaniline
Concen: 39.147 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

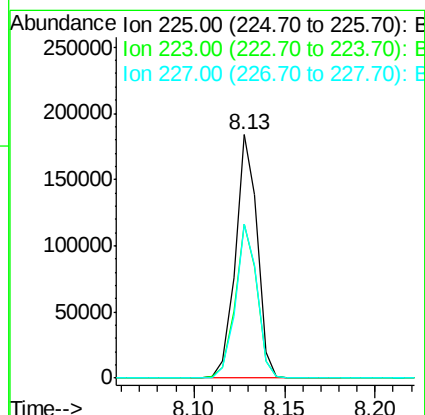
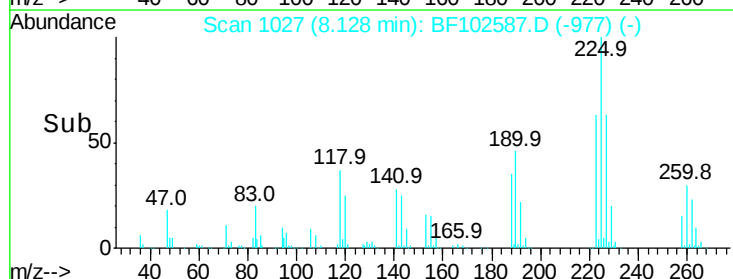
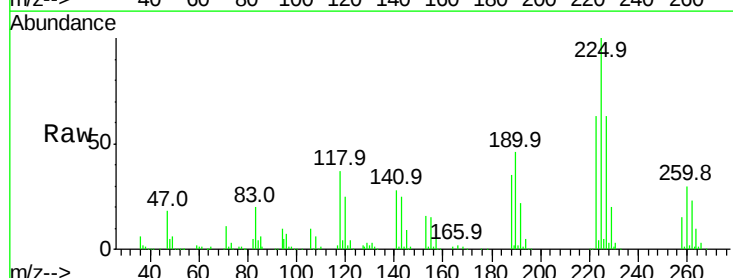
Instrument :
BNA_F
ClientSampleId :

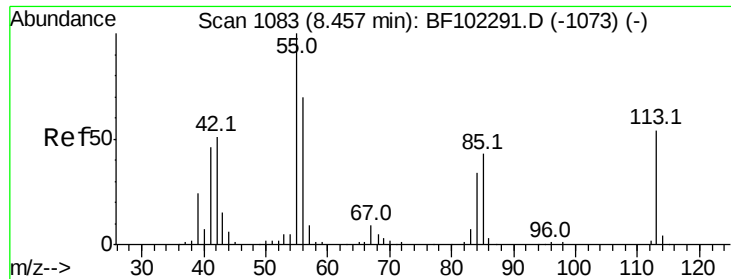
Tot Ion:	127	Resp:	414699
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.9	38.9
65	31.1	25.0	37.4
92	18.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.309 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion:	225	Resp:	153412
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.1	51.9	77.9

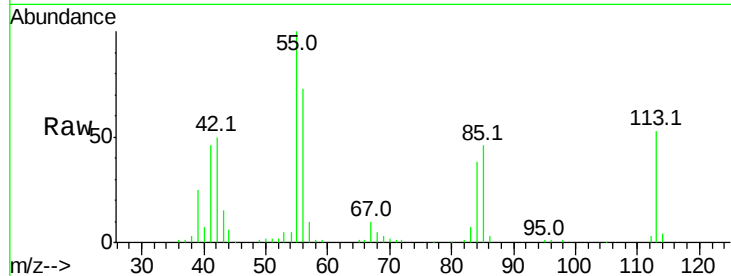




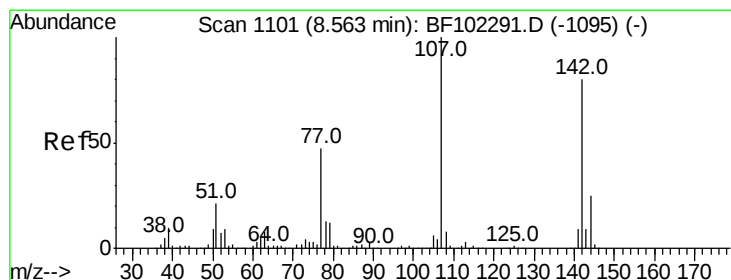
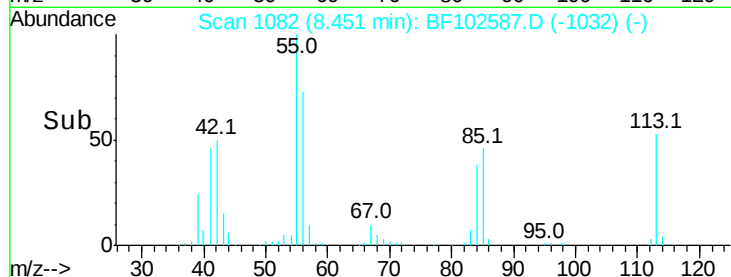
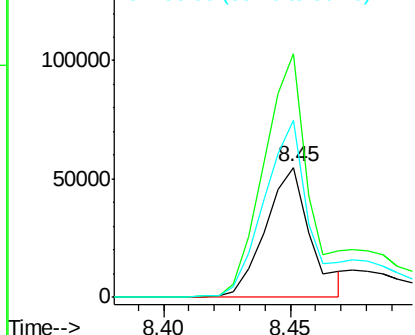
#35
 Caprolactam
 Concen: 29.137 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 67308
 Ion Ratio Lower Upper
 113 100
 55 187.2 163.3 203.3
 56 135.8 115.7 155.7

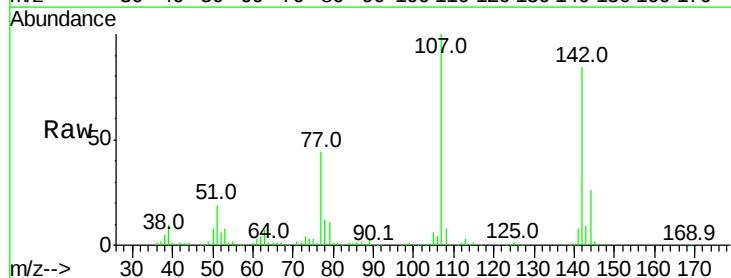


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

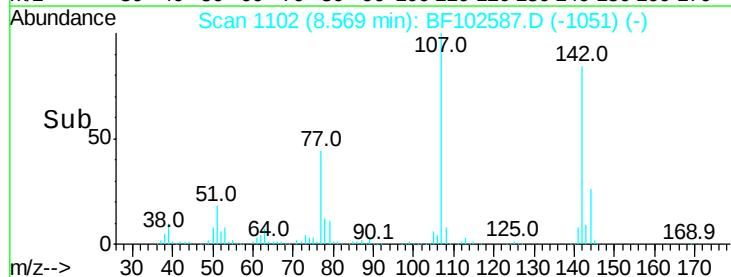
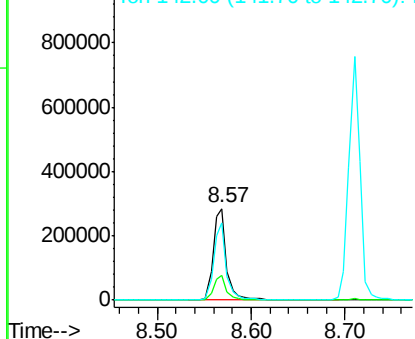


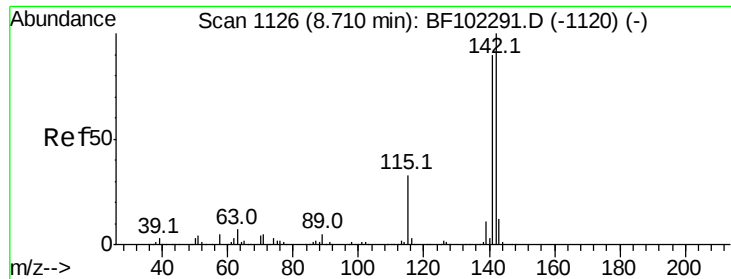
#36
 4-Chloro-3-methylphenol
 Concen: 38.978 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Tgt Ion:107 Resp: 287378
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 83.5 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

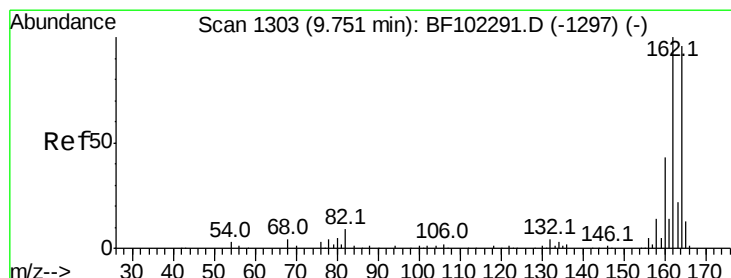
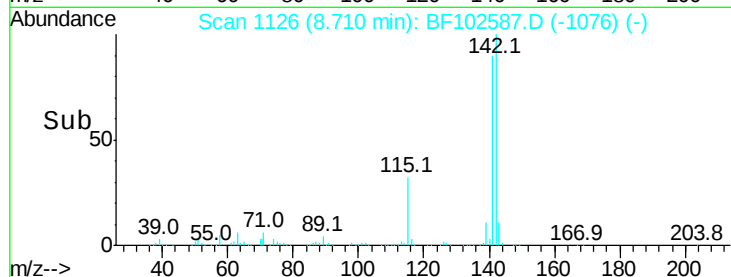
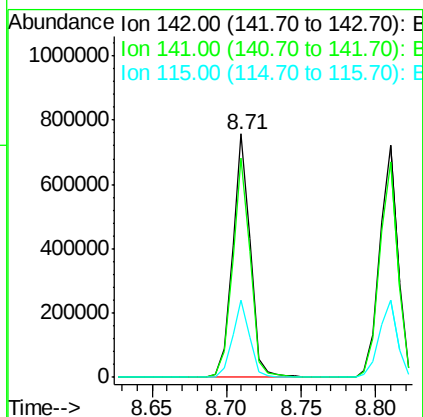
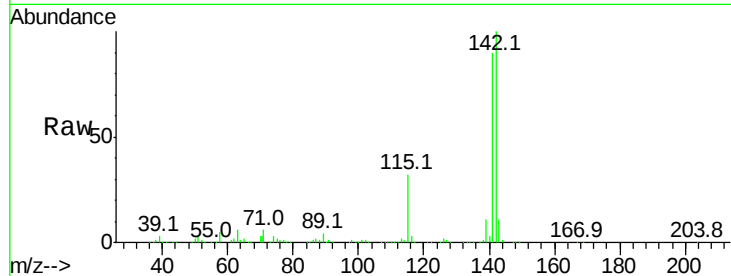




#37
2-Methylnaphthalene
Concen: 37.853 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

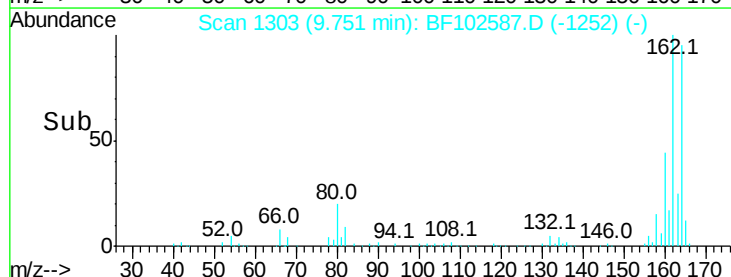
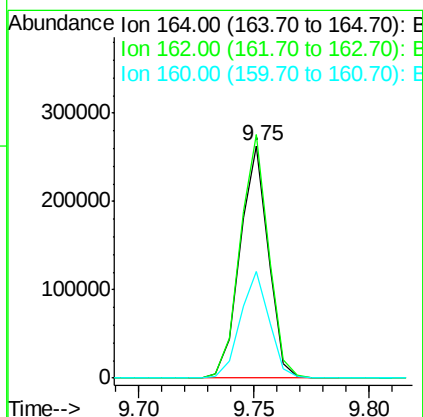
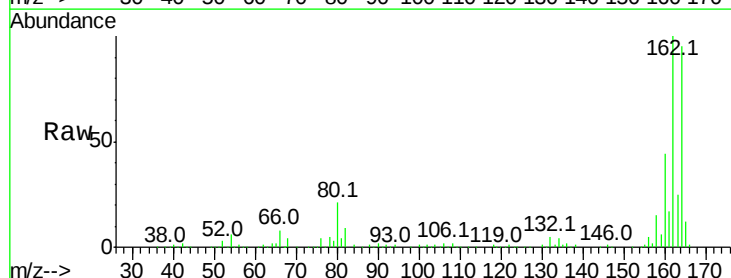
Instrument :
BNA_F
ClientSampled :

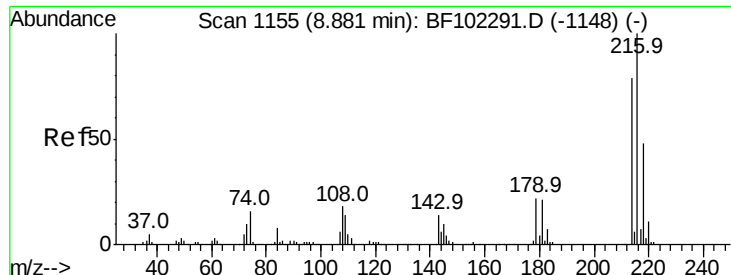
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.8	106.2
115	32.0	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	45.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.663 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 261477

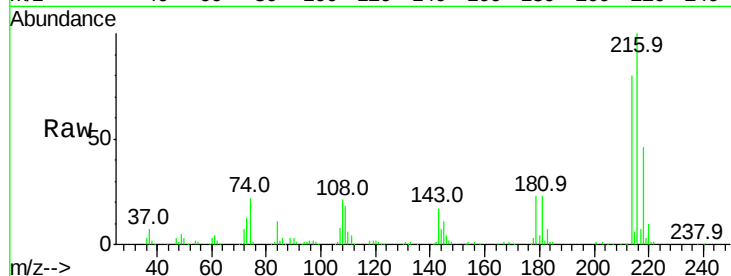
Ion Ratio Lower Upper

216 100

214 79.0 63.0 94.4

179 21.6 18.1 27.1

108 21.6 17.2 25.8

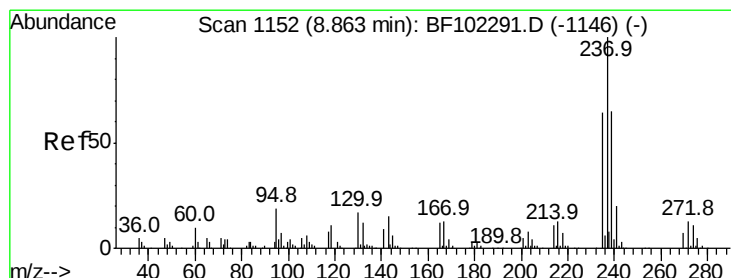
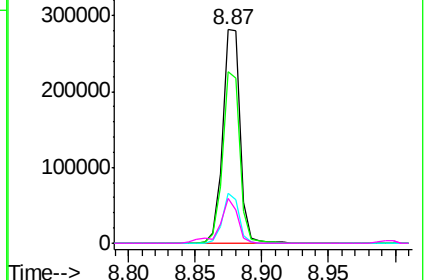
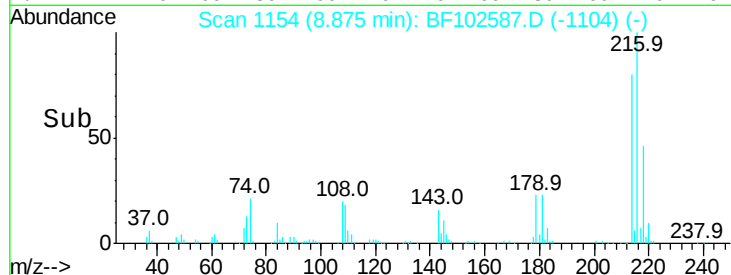


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.769 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

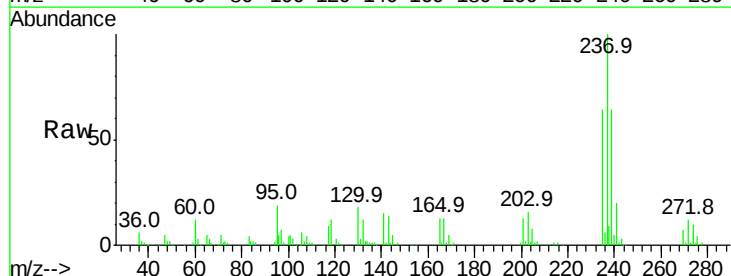
Tgt Ion:237 Resp: 117336

Ion Ratio Lower Upper

237 100

235 63.7 44.8 84.8

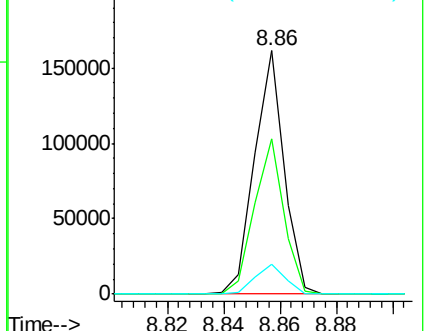
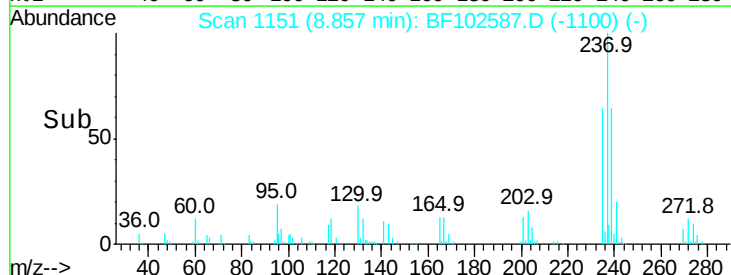
272 12.2 0.0 33.3

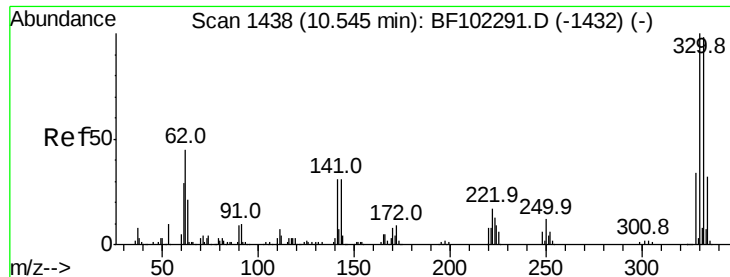


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

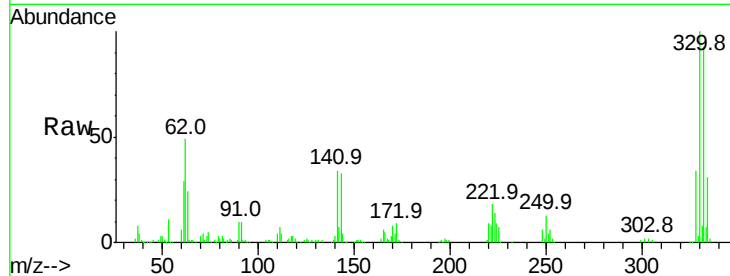




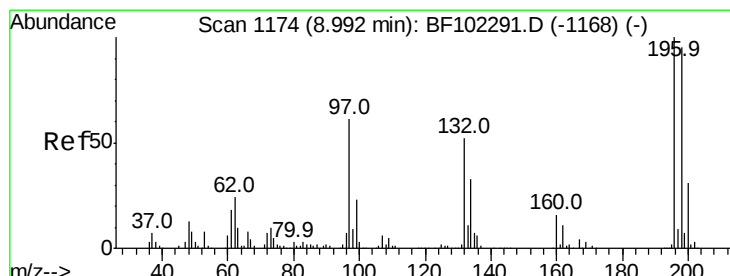
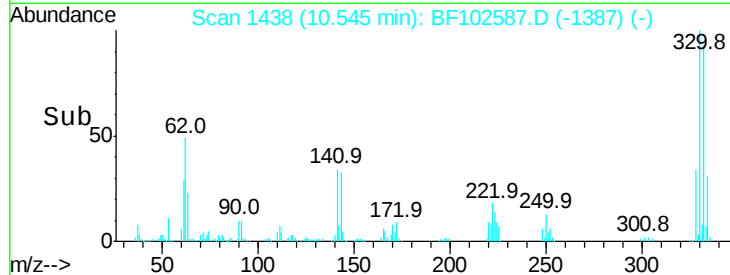
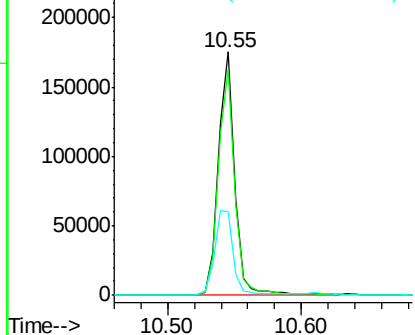
#41
 2,4,6-Tribromophenol
 Concen: 68.872 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 153398
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.0 115.6
 141 39.7 29.9 44.9

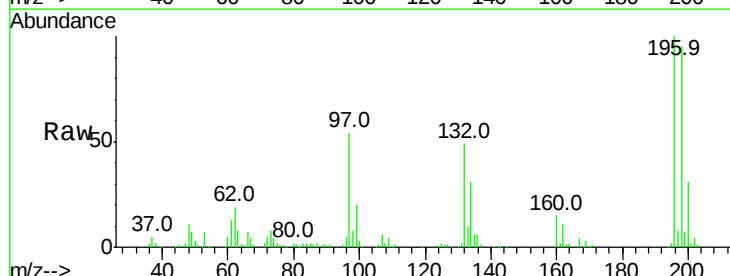


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

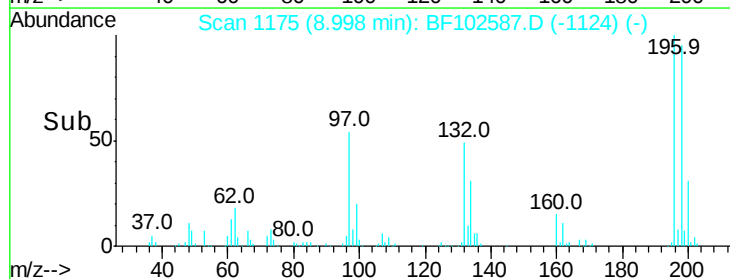
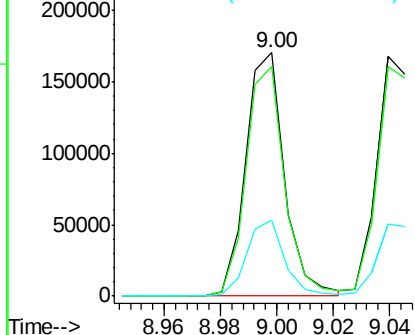


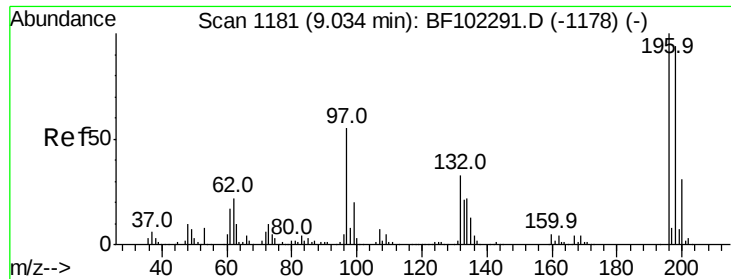
#42
 2,4,6-Trichlorophenol
 Concen: 35.826 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Tgt Ion:196 Resp: 162193
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 200 31.2 24.5 36.7



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

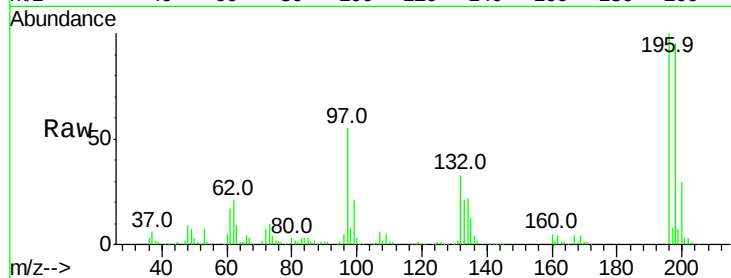




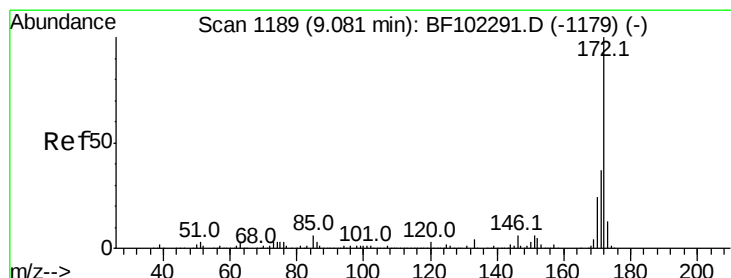
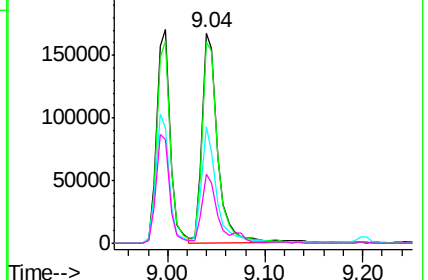
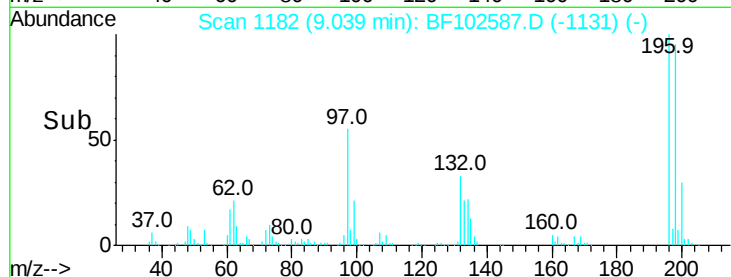
#43
2,4,5-Trichlorophenol
Concen: 36.942 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 188307
Ion Ratio Lower Upper
196 100
198 95.5 74.6 112.0
97 55.1 42.9 64.3
132 33.2 26.3 39.5

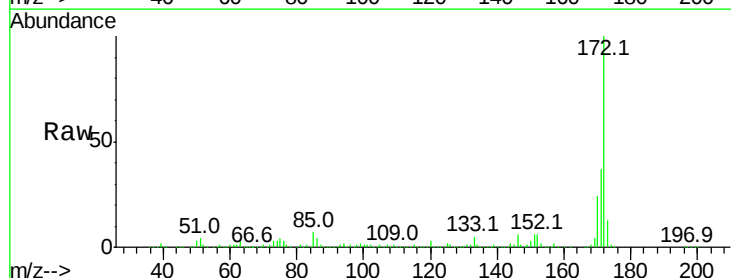


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

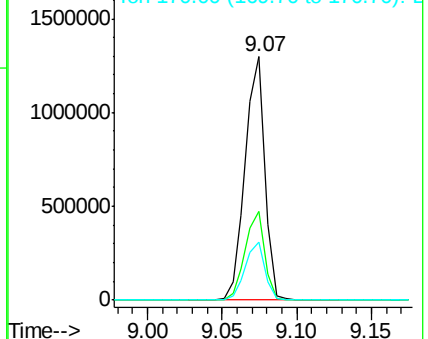
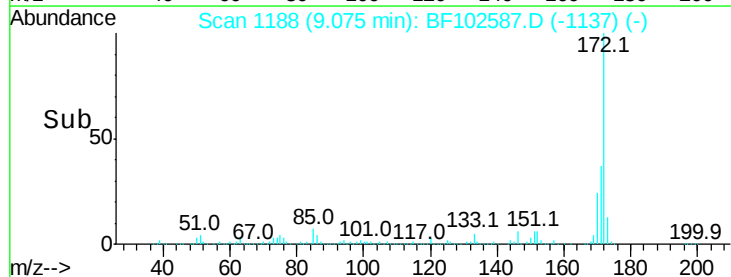


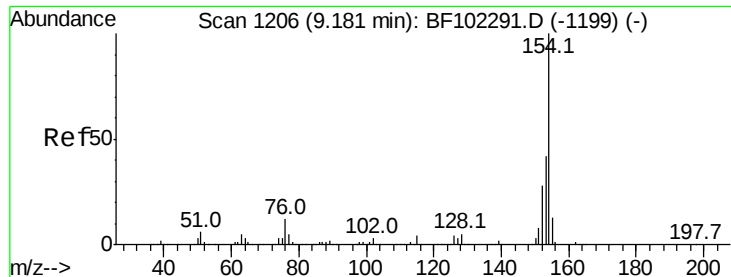
#44
2-Fluorobiphenyl
Concen: 77.834 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion:172 Resp: 1189920
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.0 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 38.083 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

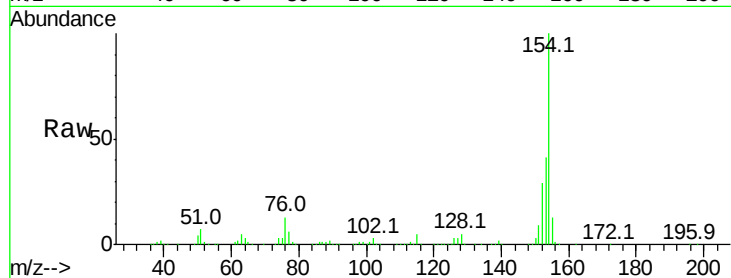
Tot Ion:154 Resp: 765441

Ion Ratio Lower Upper

154 100

153 40.9 21.3 61.3

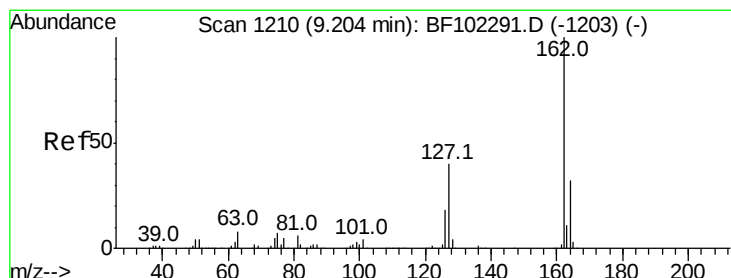
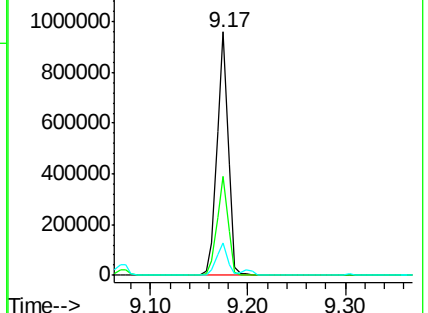
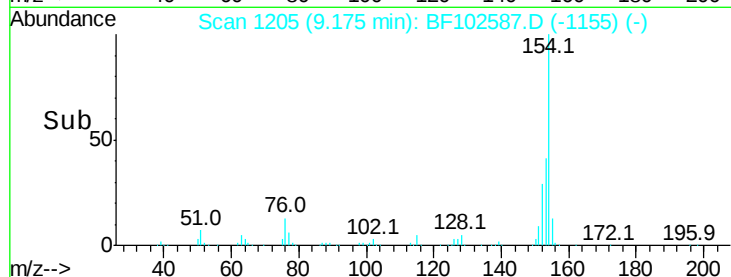
76 13.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.463 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

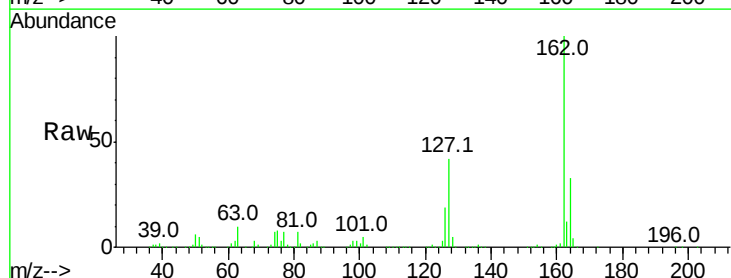
Tgt Ion:162 Resp: 600915

Ion Ratio Lower Upper

162 100

127 41.7 33.9 50.9

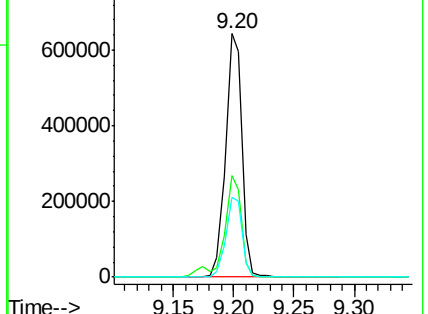
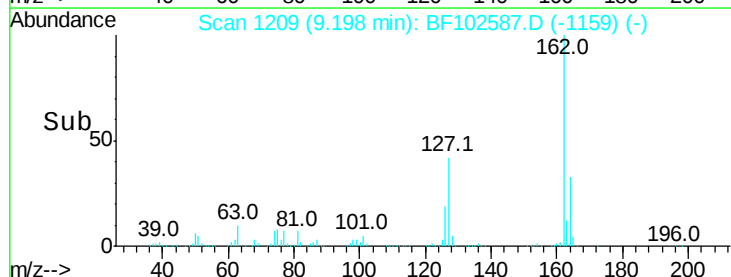
164 32.8 26.5 39.7

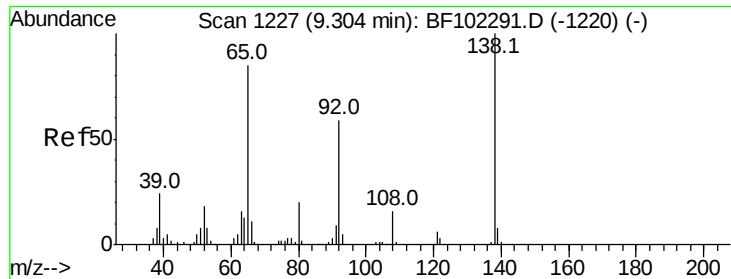


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.754 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

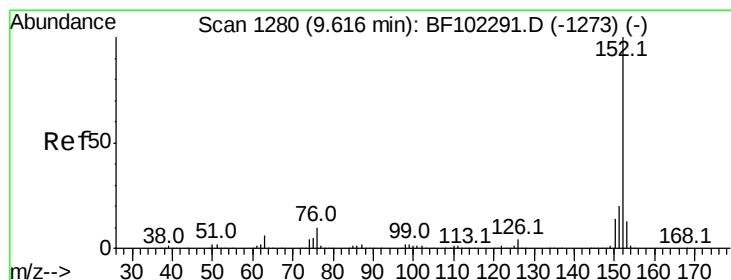
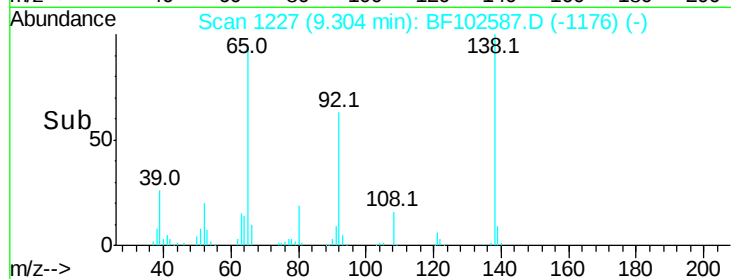
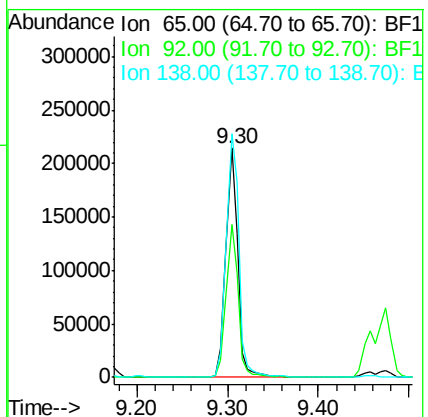
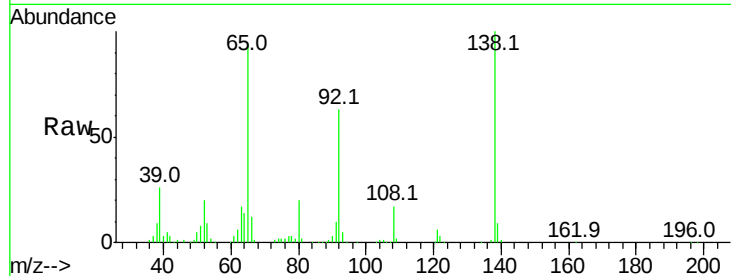
Tot Ion: 65 Resp: 193630

Ion Ratio Lower Upper

65 100

92 66.6 55.8 83.6

138 106.3 91.2 136.8



#48

Acenaphthylene

Concen: 37.991 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

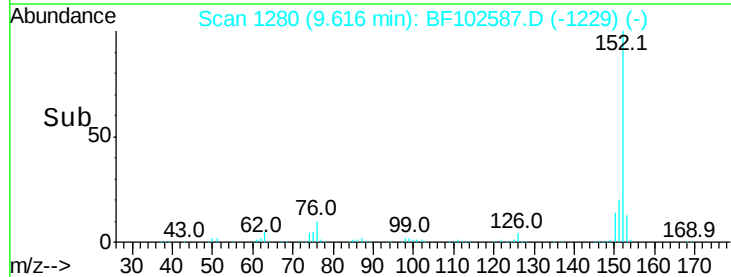
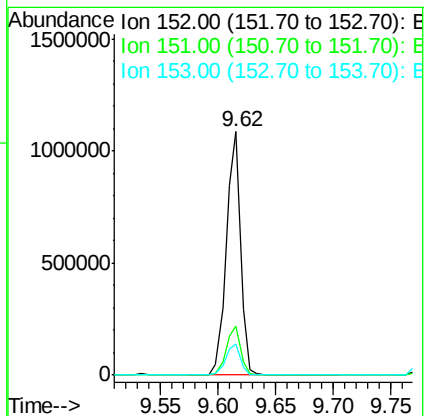
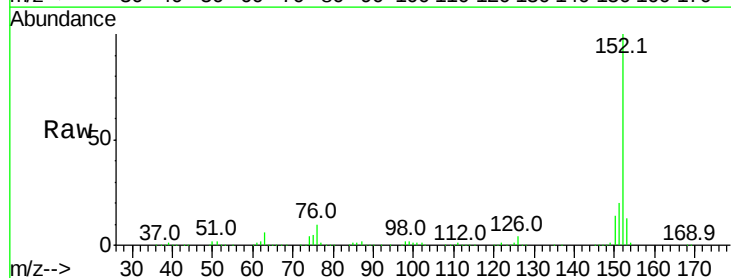
Tgt Ion: 152 Resp: 924690

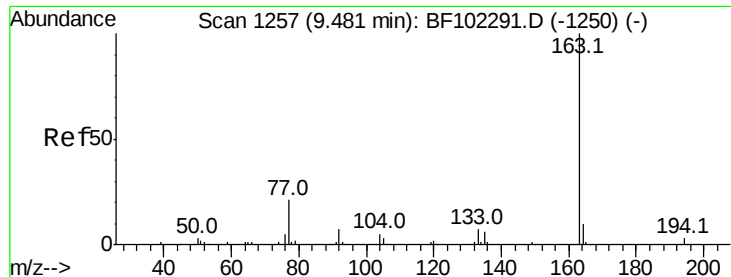
Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

153 12.6 10.7 16.1

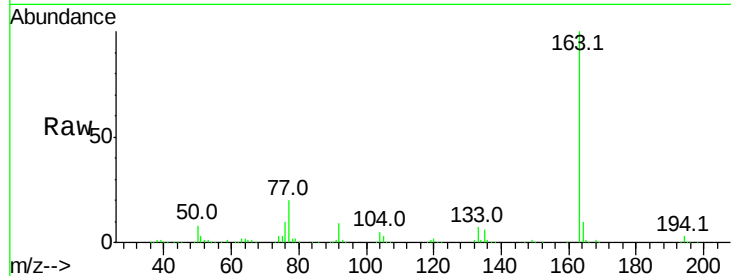




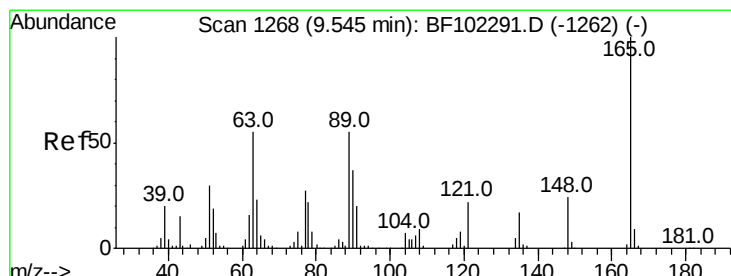
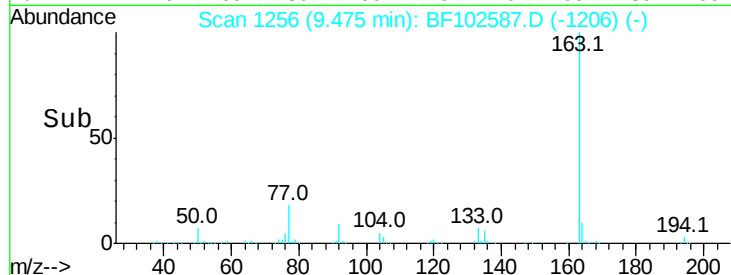
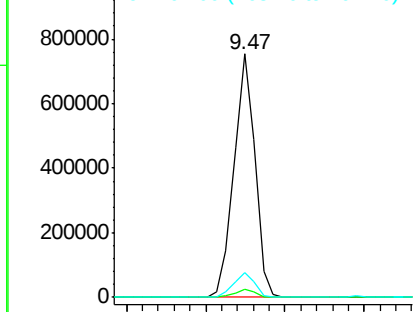
#49
Dimethylphthalate
Concen: 37.387 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 694647
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.1 8.2 12.2

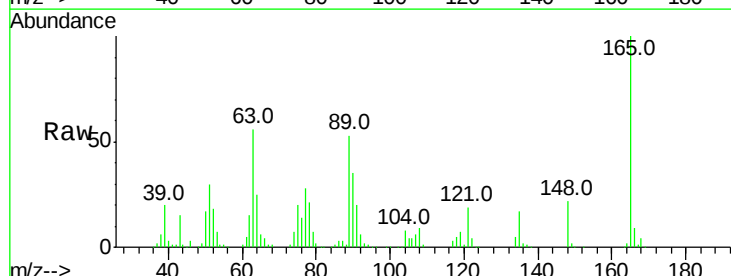


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

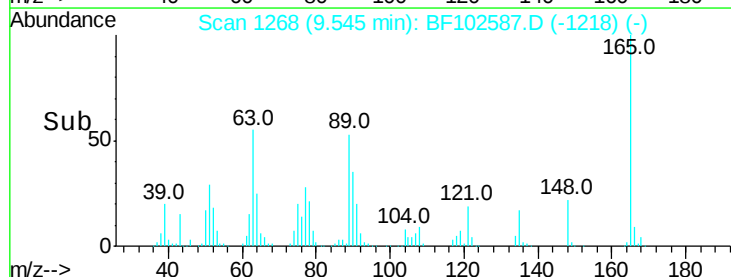
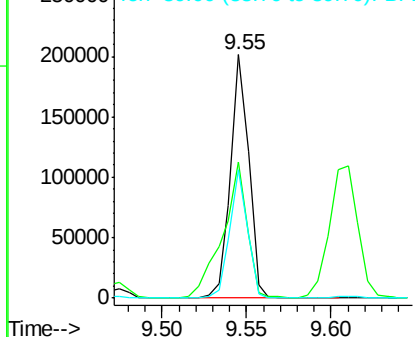


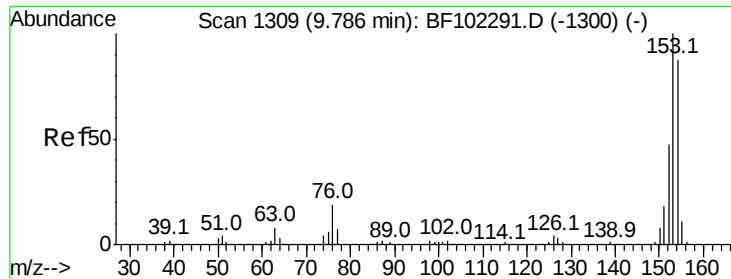
#50
2,6-Dinitrotoluene
Concen: 37.689 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion:165 Resp: 150978
Ion Ratio Lower Upper
165 100
63 55.7 44.7 67.1
89 52.7 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: 37.766 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

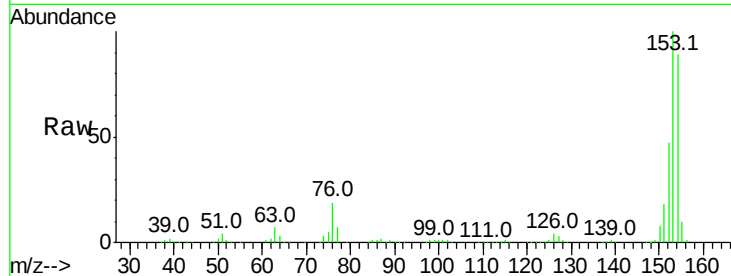
Tot Ion:154 Resp: 536853

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

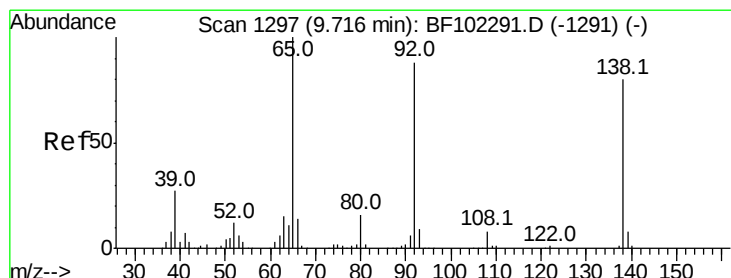
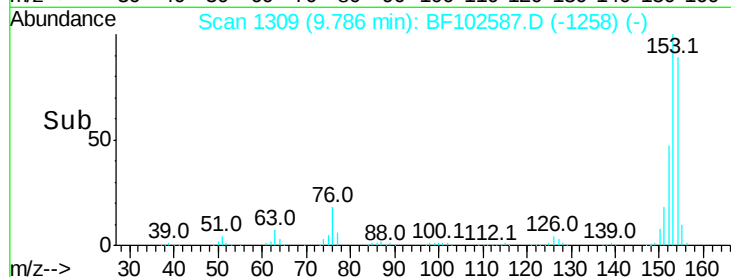
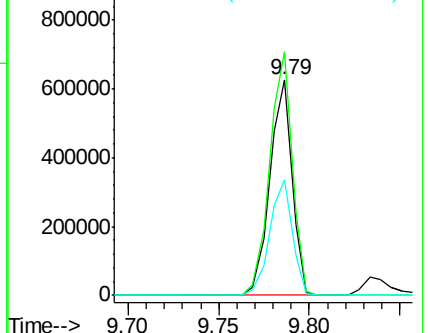
152 53.4 43.8 65.8



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: 39.554 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

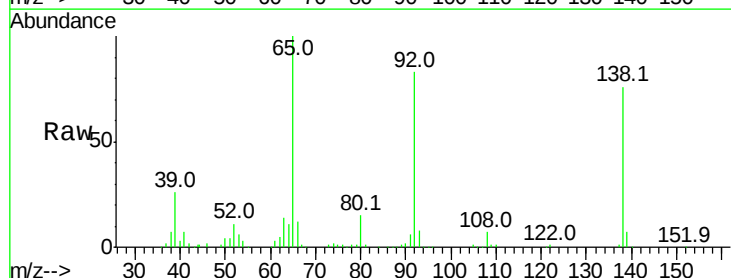
Tgt Ion:138 Resp: 187439

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

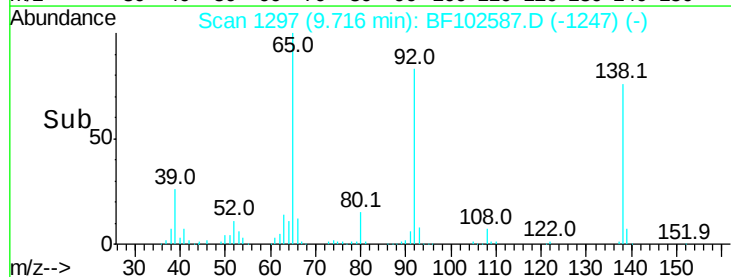
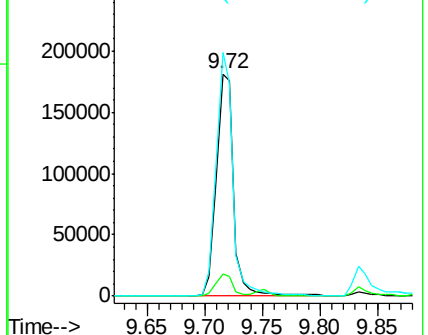
92 109.6 89.4 134.2

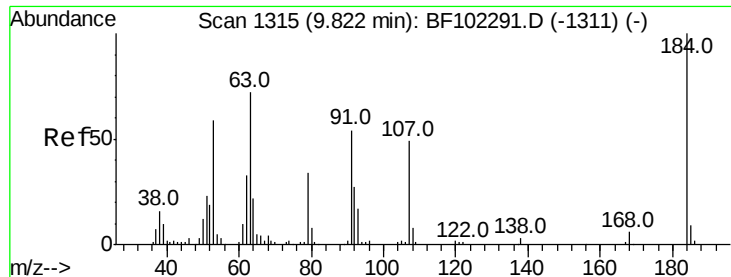


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

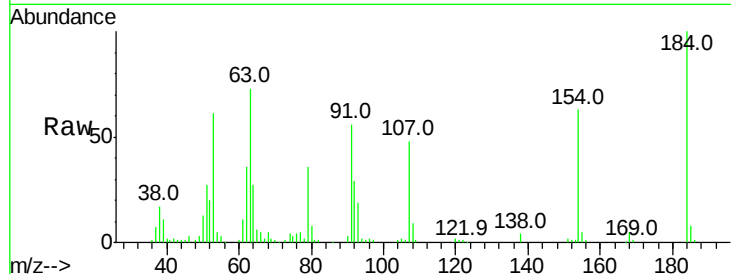




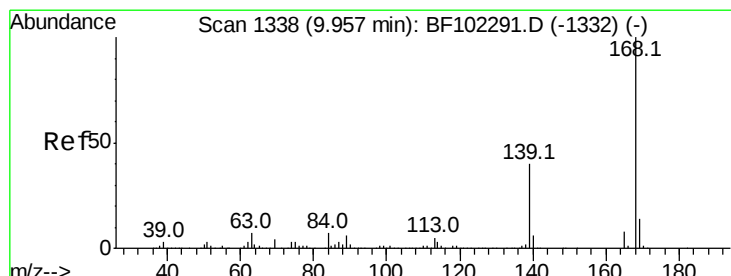
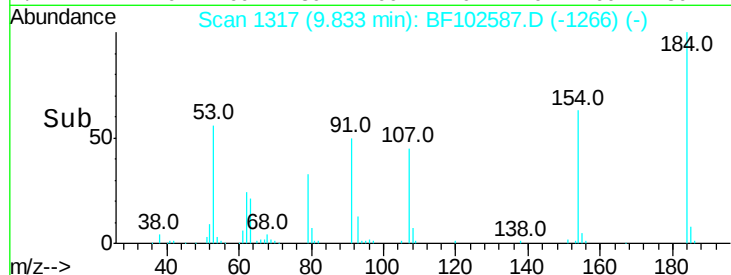
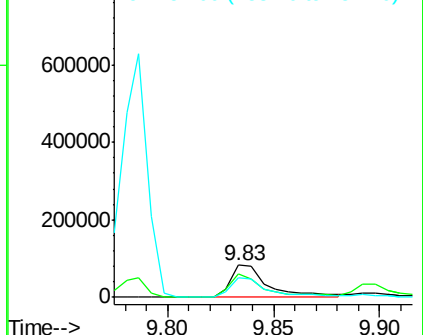
#53
 2,4-Dinitrophenol
 Concen: 58.040 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 102406
 Ion Ratio Lower Upper
 184 100
 63 72.5 54.2 81.2
 154 62.8 184.0 276.0#

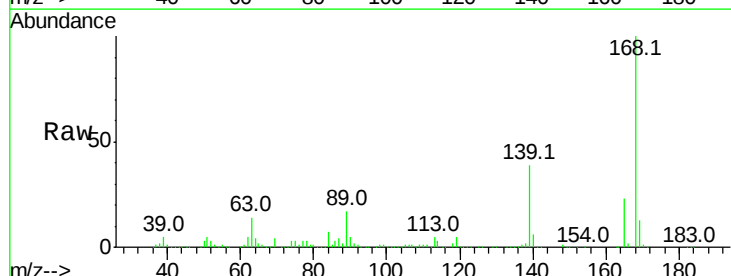


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

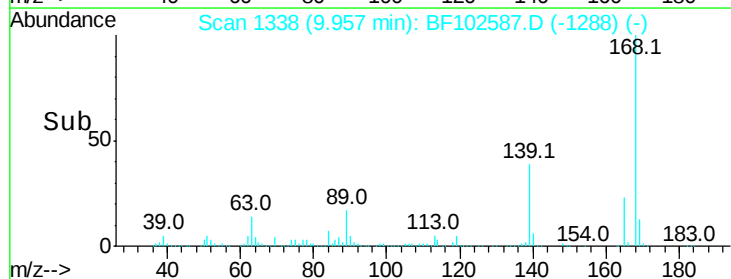
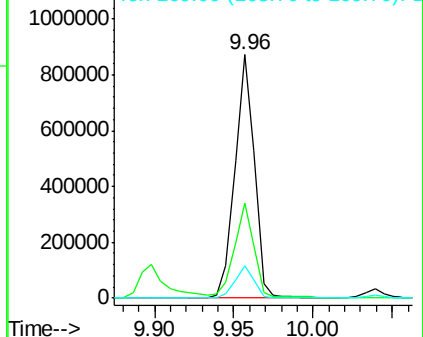


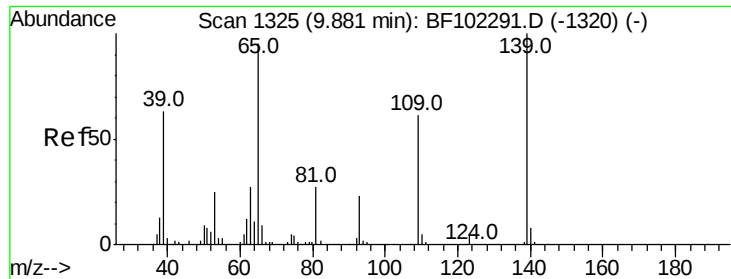
#54
 Dibenzofuran
 Concen: 38.505 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Tgt Ion:168 Resp: 740770
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.1 45.1
 169 13.3 10.9 16.3



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

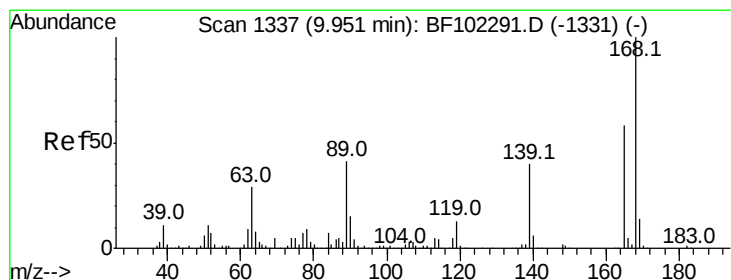
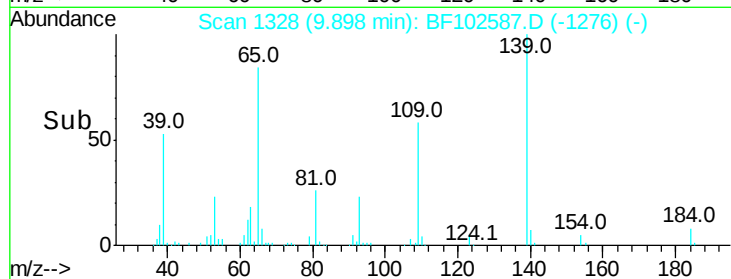
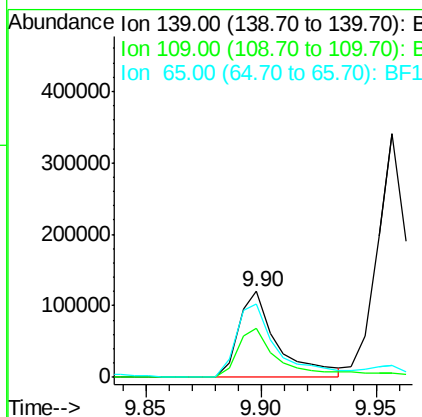
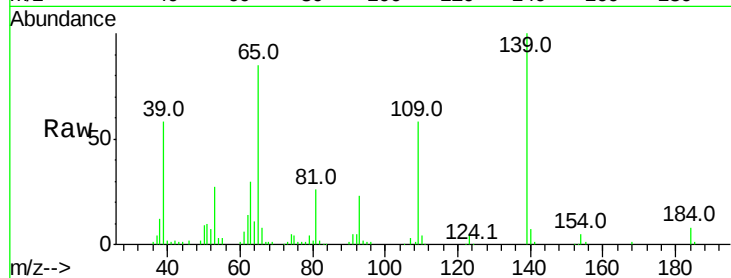




#55
4-Nitrophenol
Concen: 45.104 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

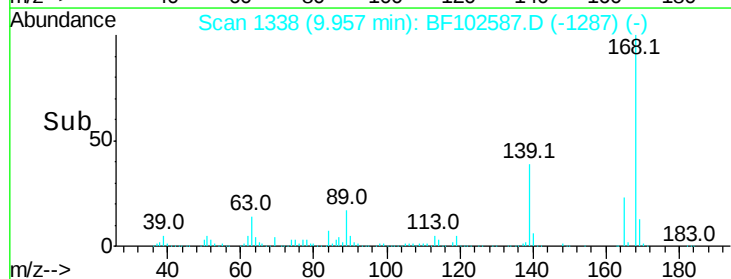
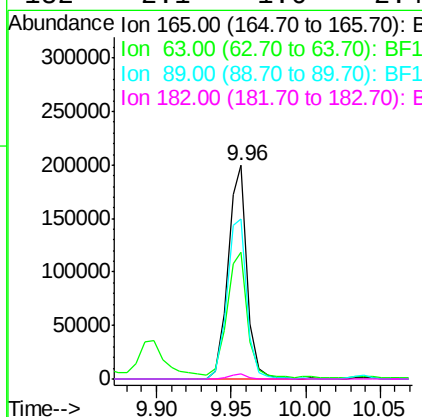
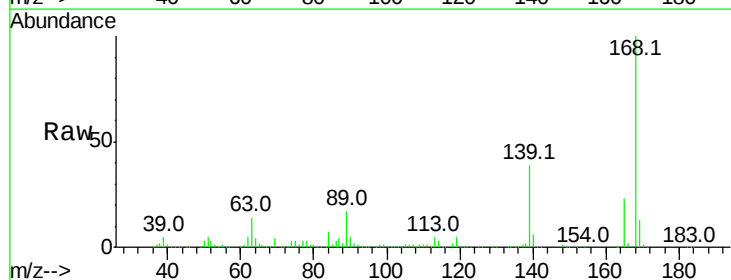
Instrument :
BNA_F
ClientSampled :

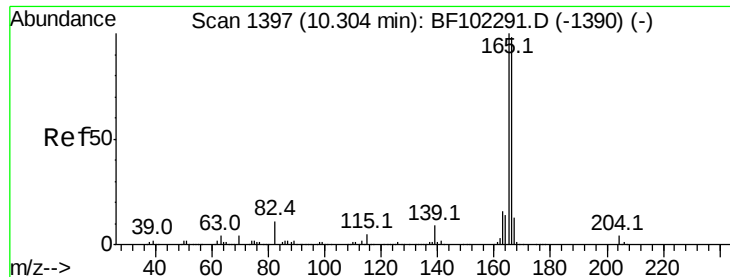
Tot Ion:139 Resp: 141092
Ion Ratio Lower Upper
139 100
109 57.6 48.4 88.4
65 85.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 36.618 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion:165 Resp: 180387
Ion Ratio Lower Upper
165 100
63 59.6 36.4 54.6#
89 74.9 57.8 86.6
182 2.1 1.6 2.4





#57

Fluorene

Concen: 40.073 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

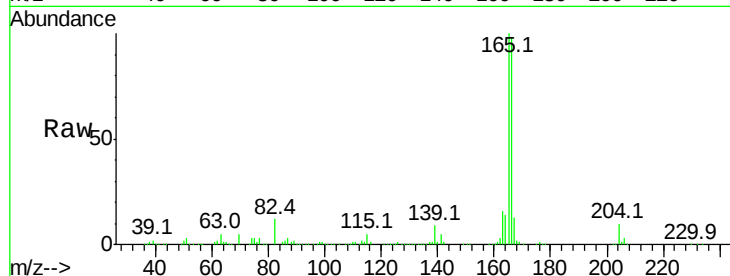
Tot Ion:166 Resp: 610892

Ion Ratio Lower Upper

166 100

165 101.5 79.8 119.8

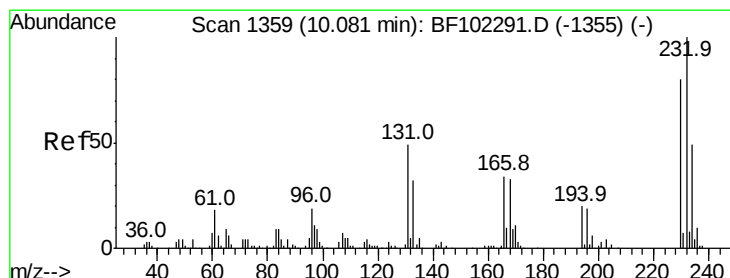
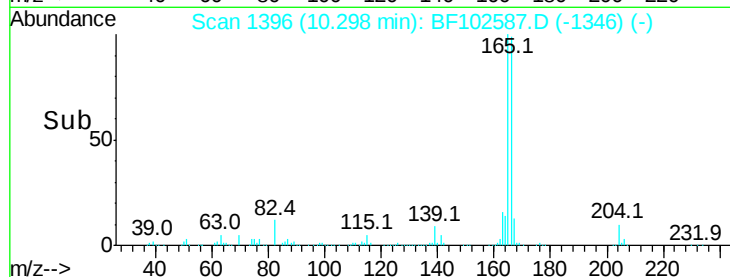
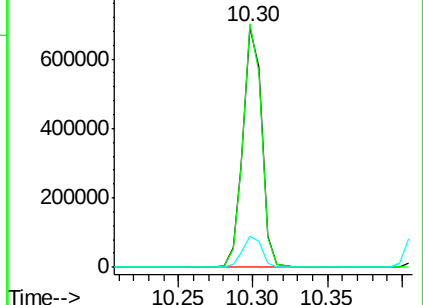
167 13.2 10.6 16.0



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: 35.282 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Tgt Ion:232 Resp: 128409

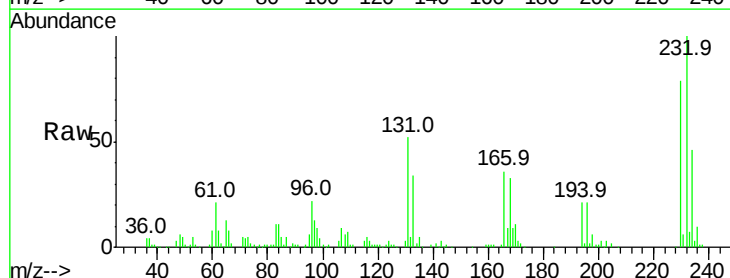
Ion Ratio Lower Upper

232 100

131 50.8 43.8 65.8

130 2.5 2.1 3.1

166 33.4 27.8 41.6

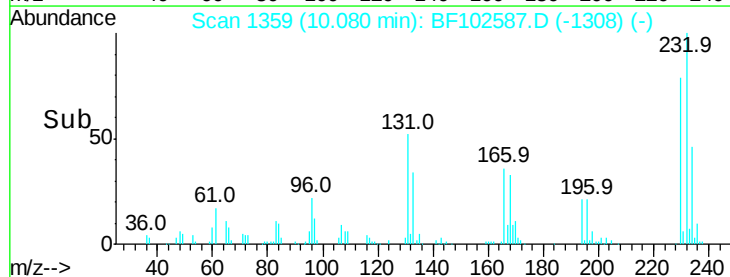
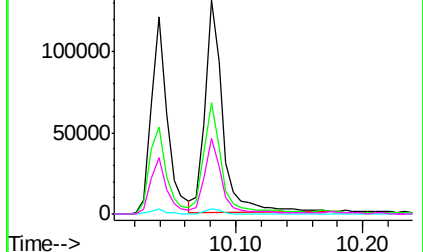


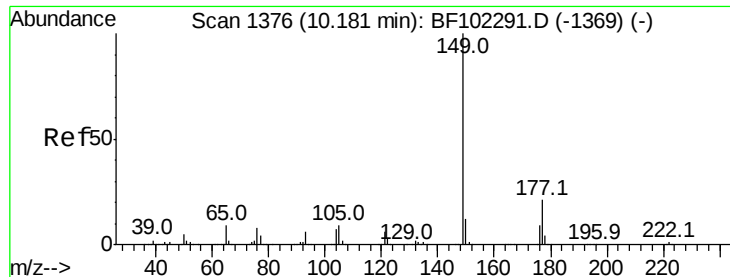
Abundance Ion 232.00 (231.70 to 232.70): E

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

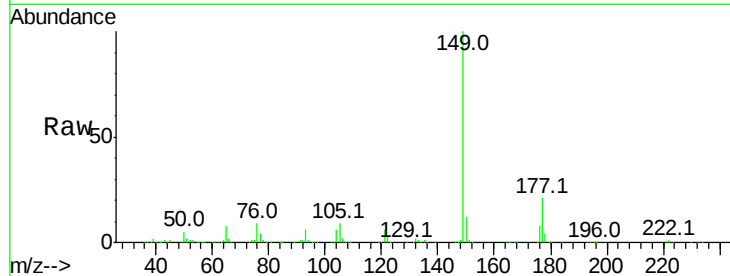




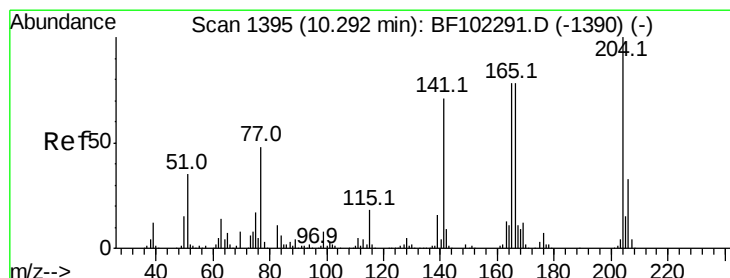
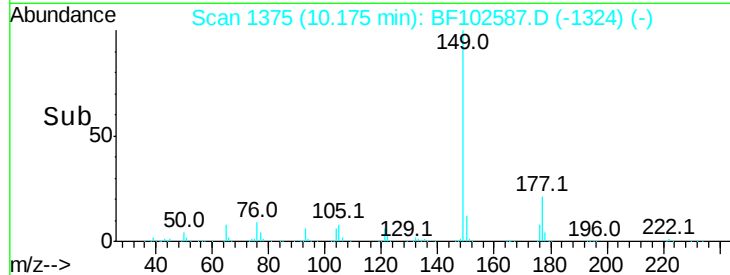
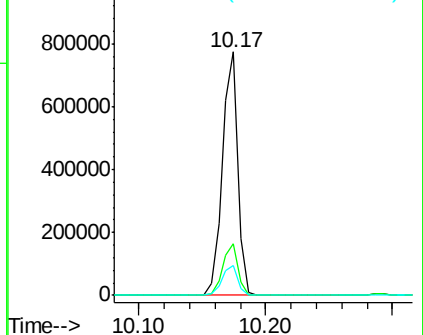
#59
Diethylphthalate
Concen: 36.425 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 657661
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.2 10.1 15.1

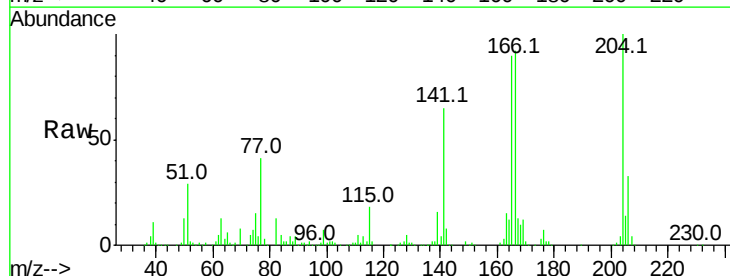


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

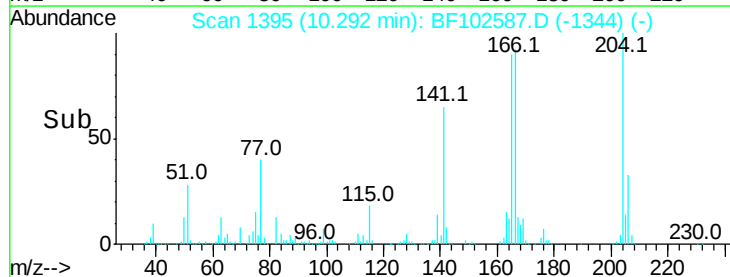
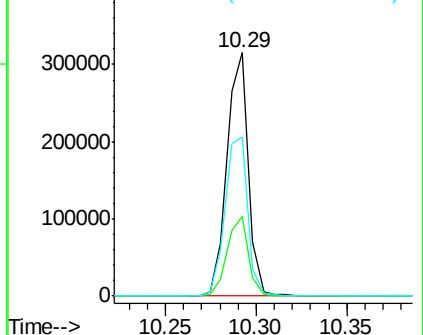


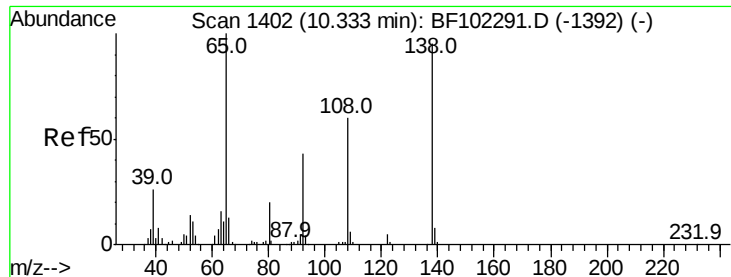
#60
4-Chlorophenyl-phenylether
Concen: 39.422 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion:204 Resp: 260556
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 65.3 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: 35.867 ng

RT: 10.33 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampled :

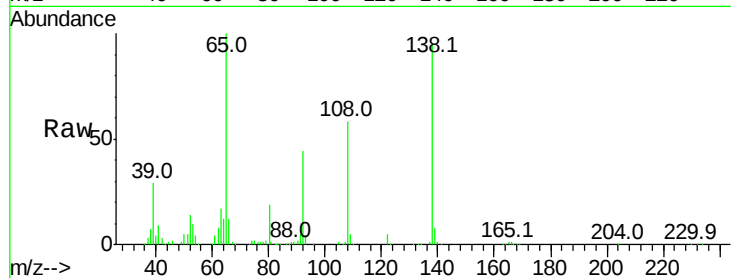
Tot Ion:138 Resp: 169606

Ion Ratio Lower Upper

138 100

92 46.4 30.2 70.2

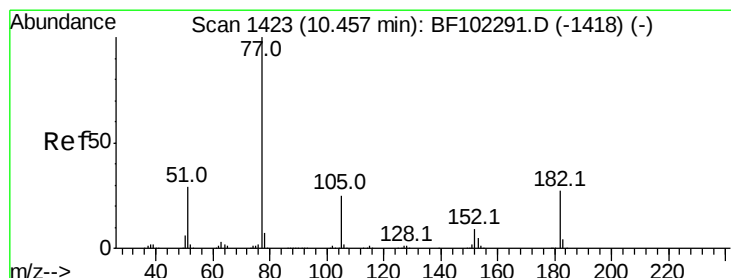
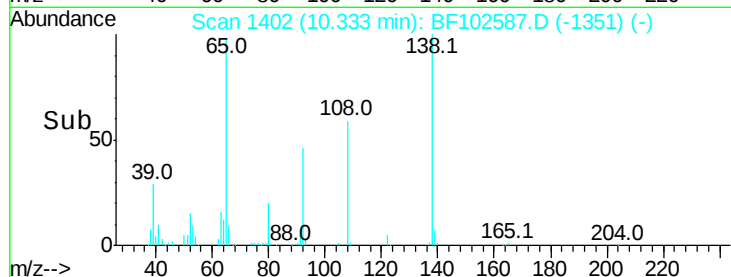
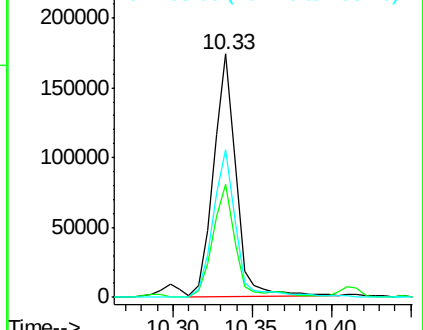
108 60.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.587 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Tgt Ion: 77 Resp: 621341

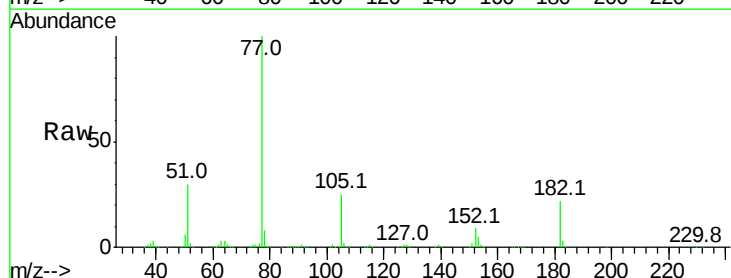
Ion Ratio Lower Upper

77 100

182 22.5 1.7 41.7

105 24.6 3.0 43.0

51 30.0 9.9 49.9

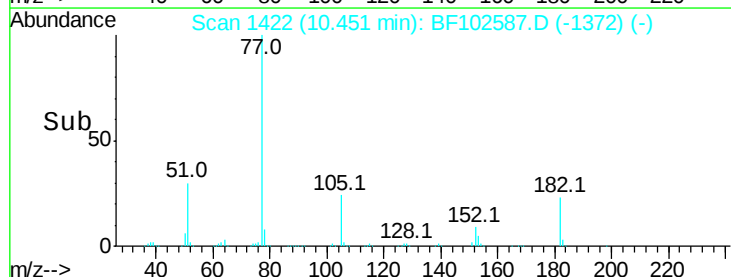
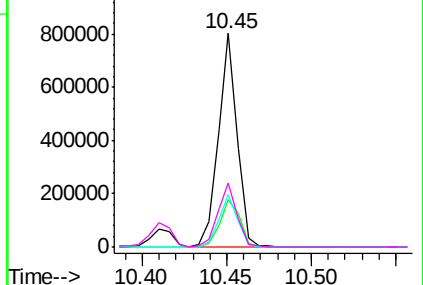


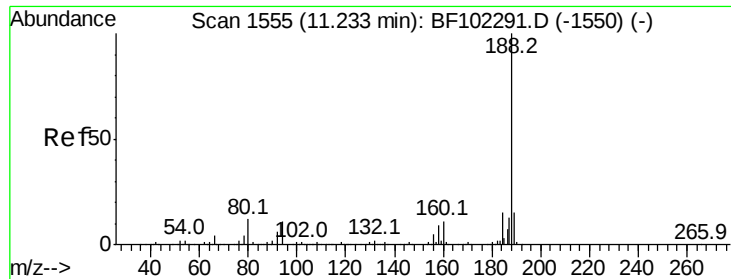
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

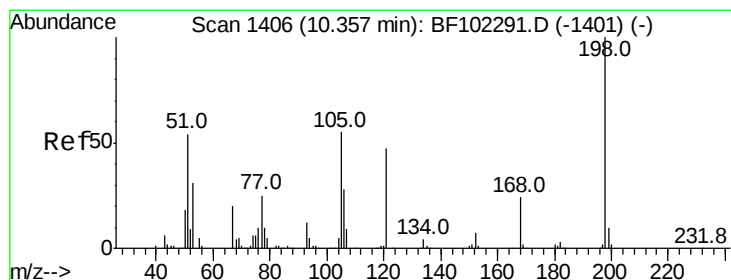
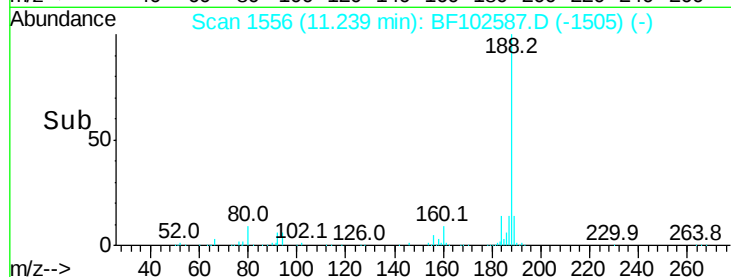
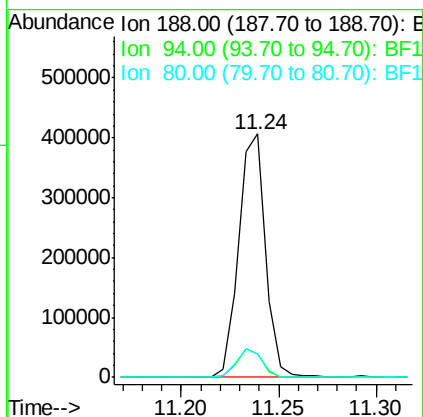
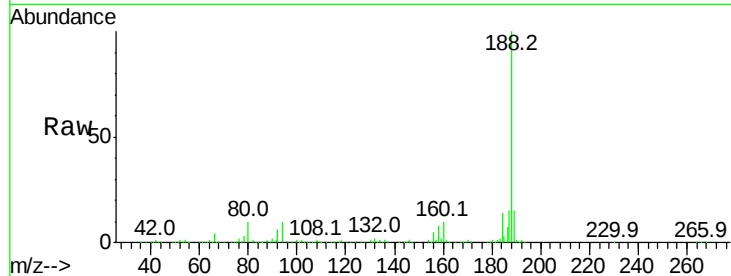




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

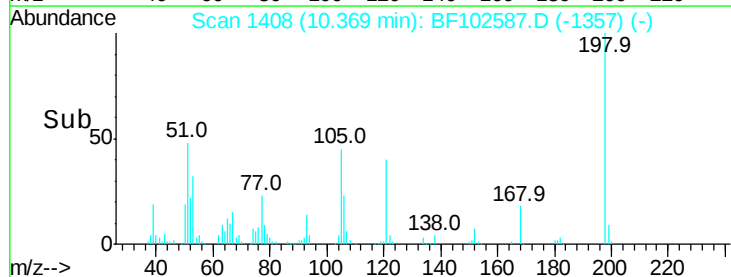
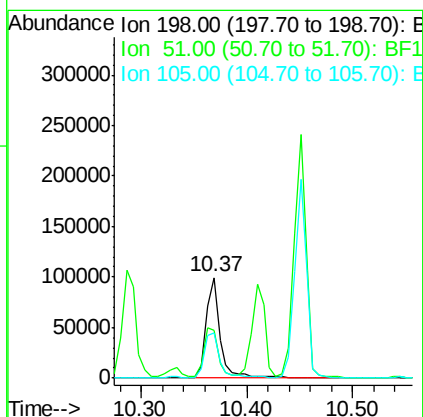
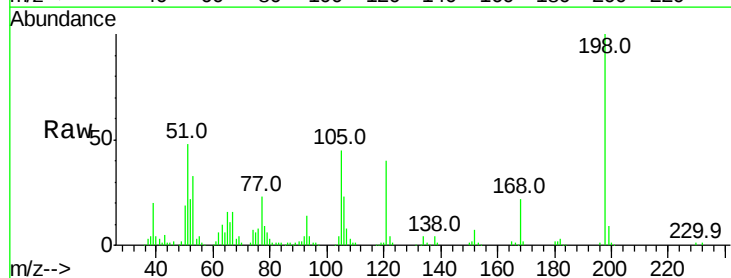
Instrument :
BNA_F
ClientSampleId :

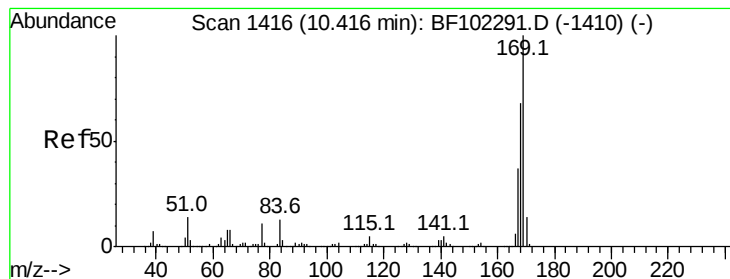
Tot Ion:188 Resp: 385953
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 35.893 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion:198 Resp: 92421
Ion Ratio Lower Upper
198 100
51 47.9 37.7 77.7
105 45.0 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 38.171 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

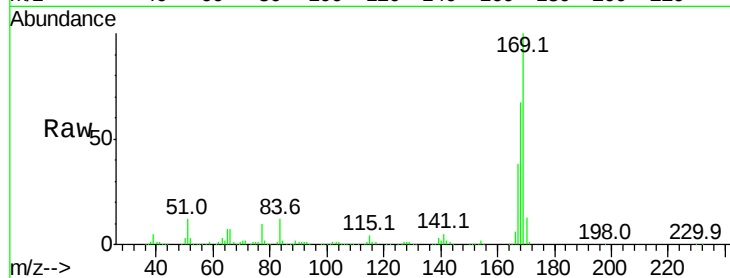
Tot Ion:169 Resp: 540734

Ion Ratio Lower Upper

169 100

168 67.1 54.4 81.6

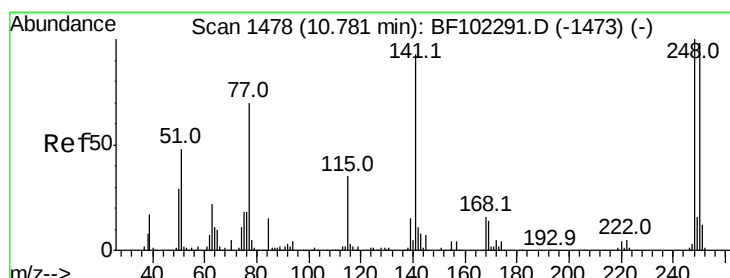
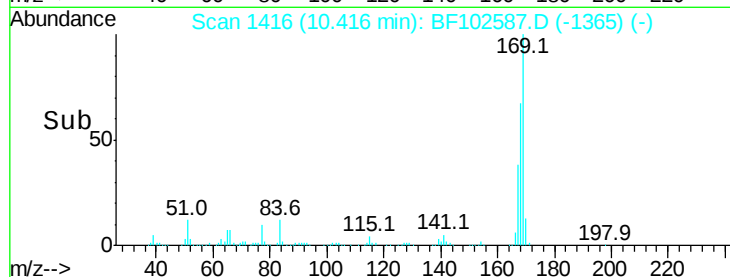
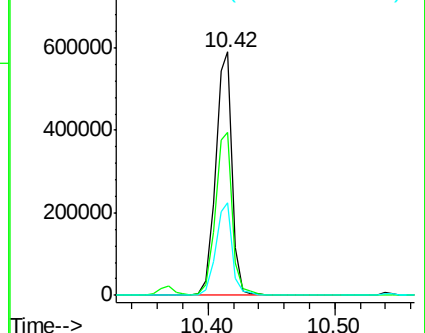
167 37.8 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.590 ng

RT: 10.78 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

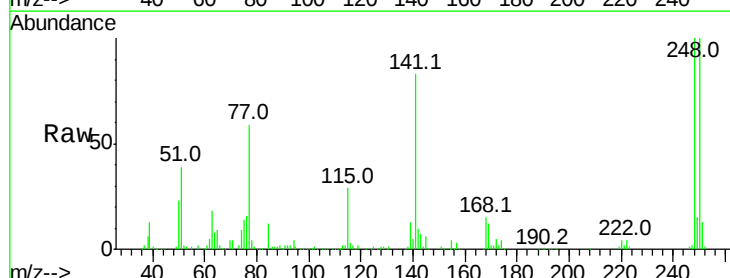
Tgt Ion:248 Resp: 156177

Ion Ratio Lower Upper

248 100

250 100.1 76.9 115.3

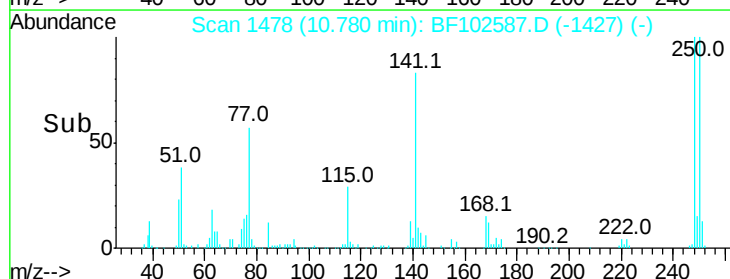
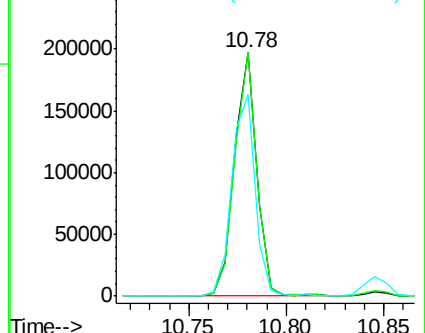
141 82.8 74.4 111.6

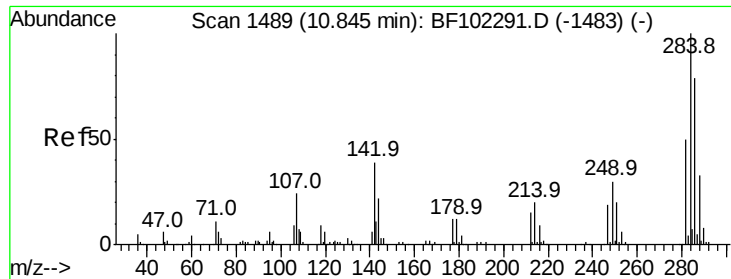


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.560 ng

RT: 10.85 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampled :

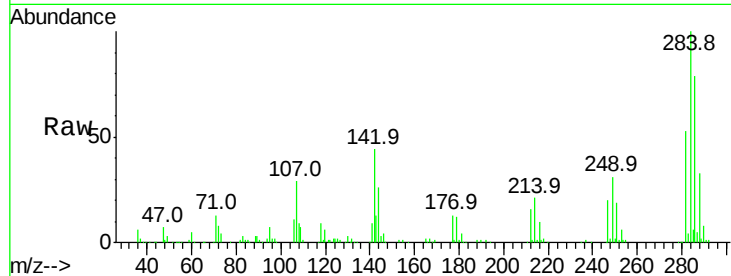
Tot Ion:284 Resp: 165233

Ion Ratio Lower Upper

284 100

142 44.5 34.6 52.0

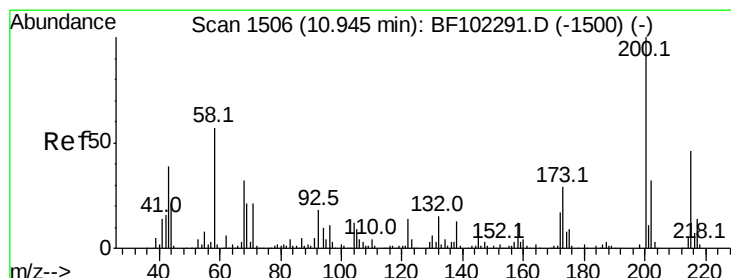
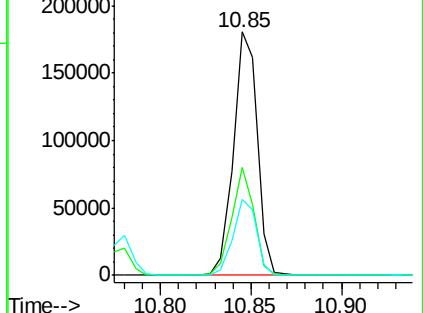
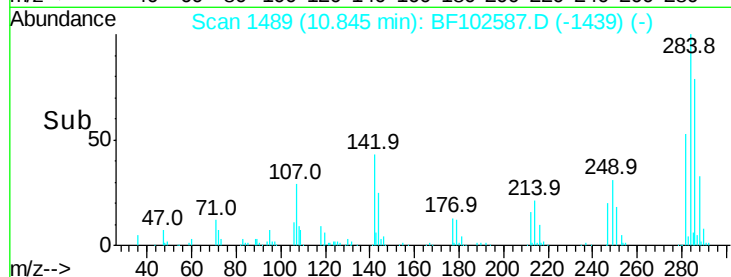
249 31.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.897 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

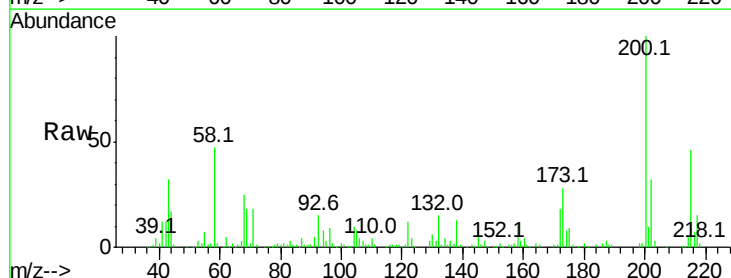
Tgt Ion:200 Resp: 158554

Ion Ratio Lower Upper

200 100

173 27.7 8.6 48.6

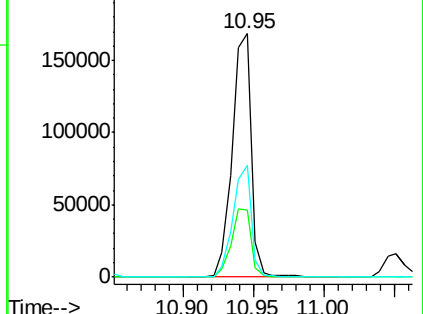
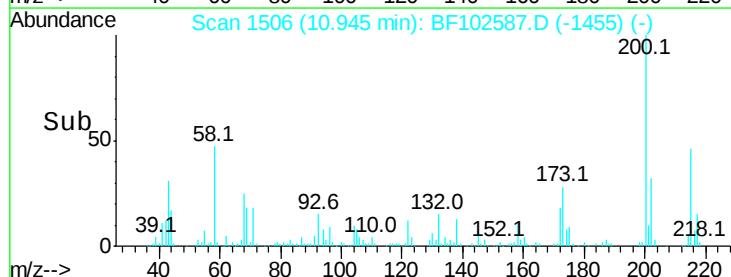
215 45.7 25.1 65.1

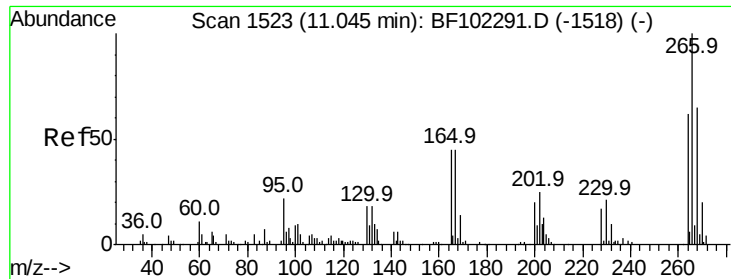


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

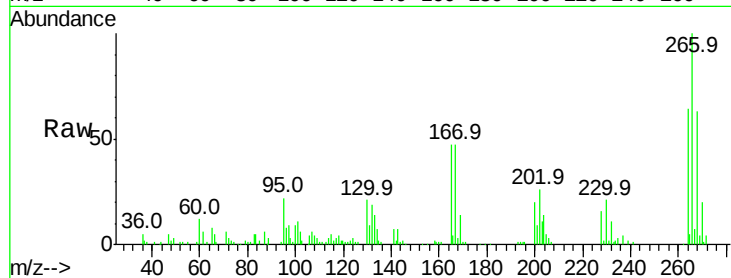




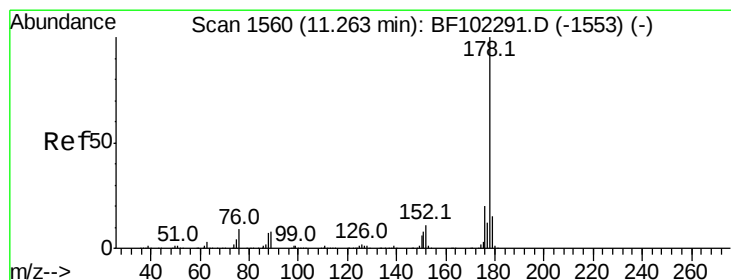
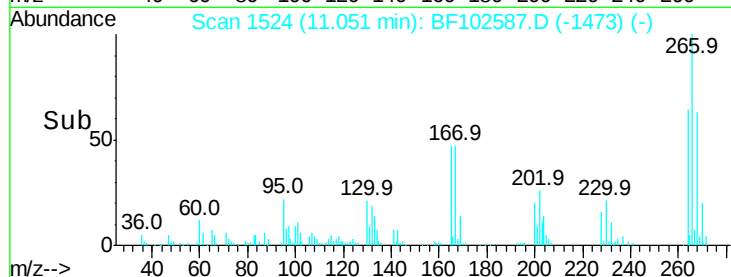
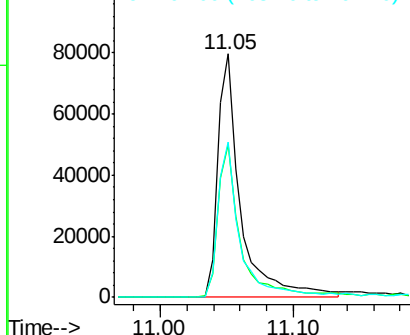
#69
 Pentachlorophenol
 Concen: 39.468 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 96339
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 63.6 49.5 74.3

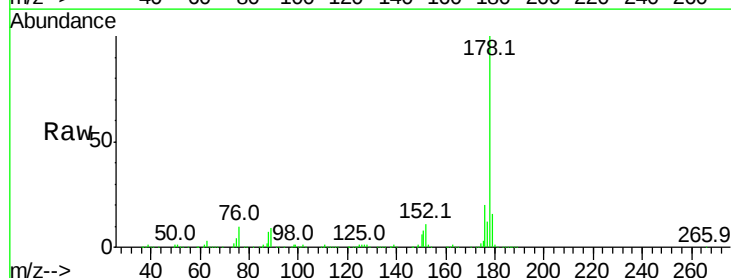


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

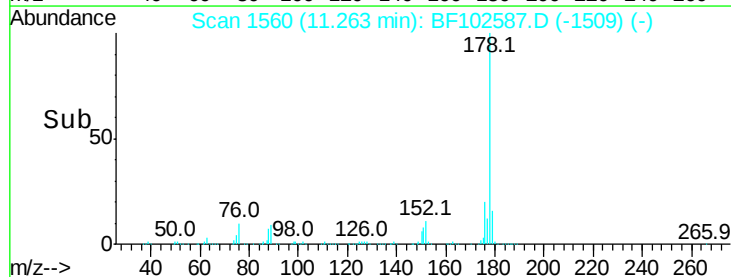
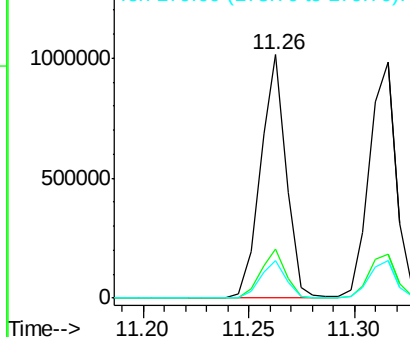


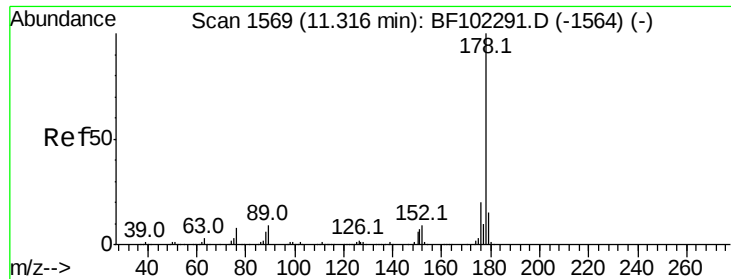
#70
 Phenanthrene
 Concen: 37.924 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Tgt Ion:178 Resp: 852933
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.6 13.0 19.6



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

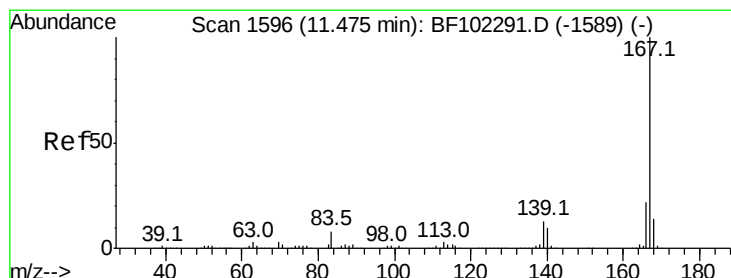
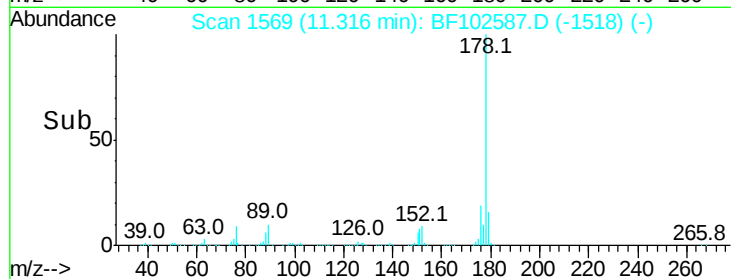
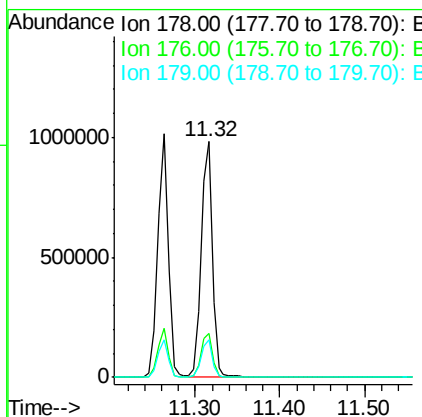
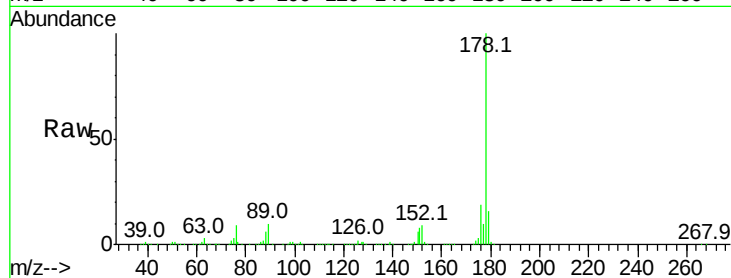




#71
 Anthracene
 Concen: 38.562 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

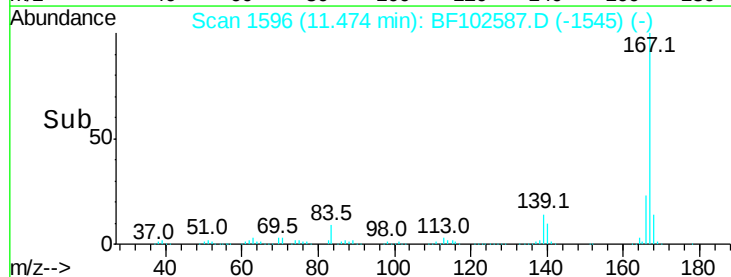
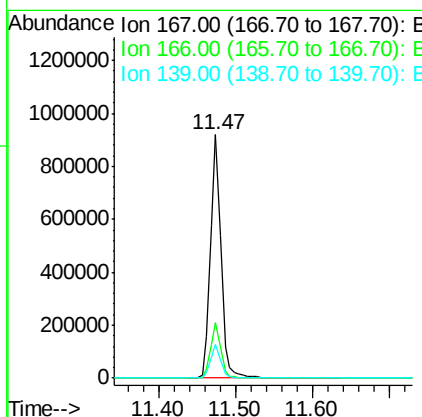
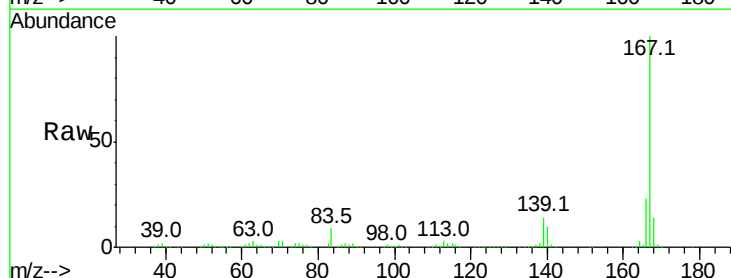
Instrument :
 BNA_F
 ClientSampleId :

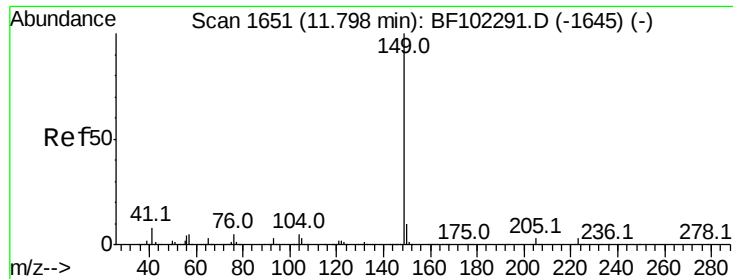
Tot Ion:178 Resp: 885221
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 38.751 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Tgt Ion:167 Resp: 867823
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.143 ng

RT: 11.79 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

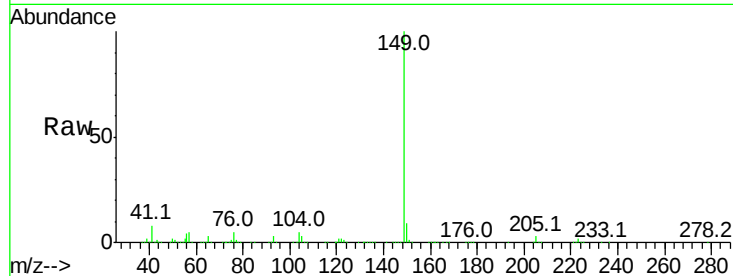
Tot Ion:149 Resp: 1039750

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

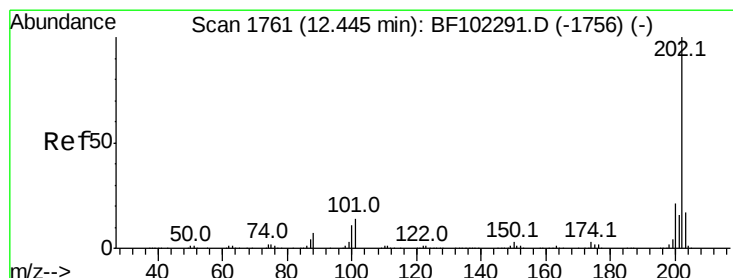
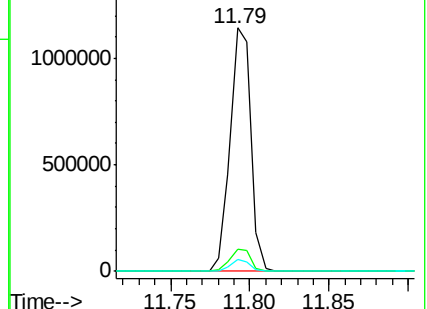
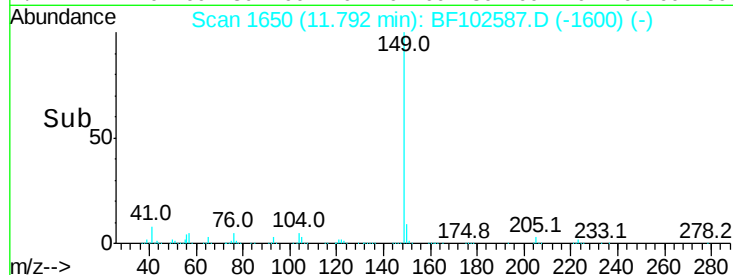
104 4.8 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.107 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

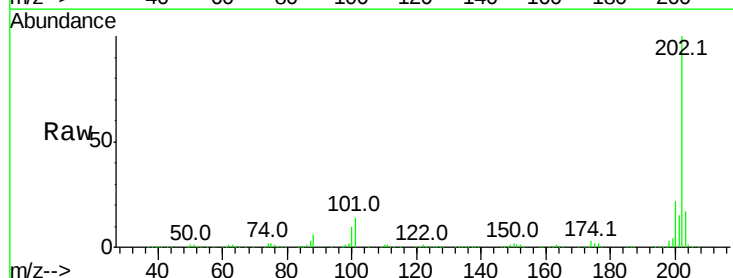
Tgt Ion:202 Resp: 851047

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

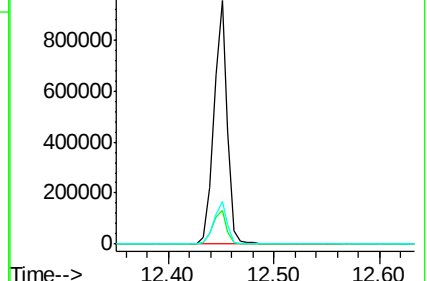
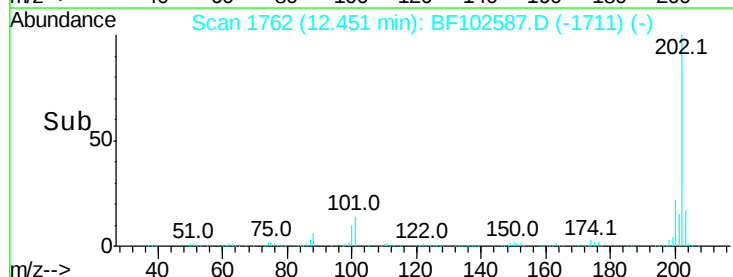
203 17.3 0.0 38.1

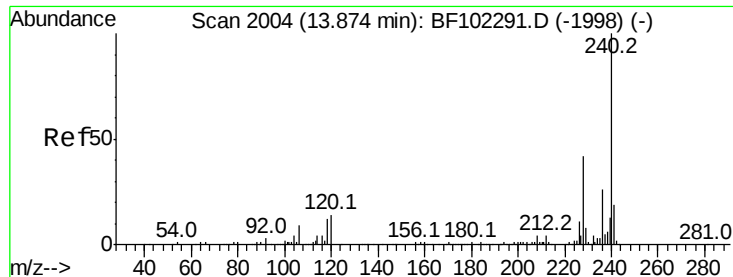


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

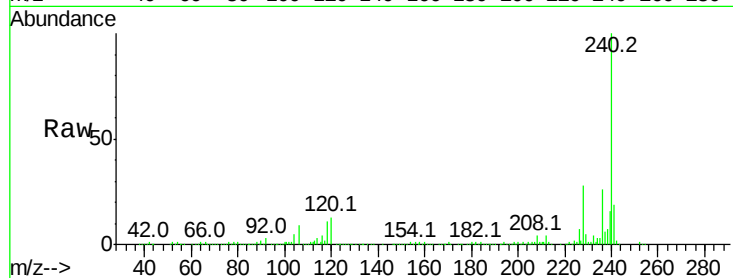
Tot Ion:240 Resp: 277120

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

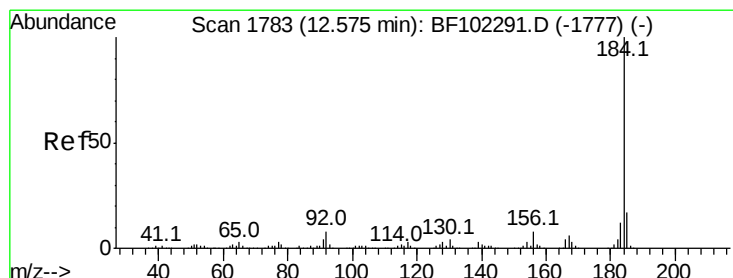
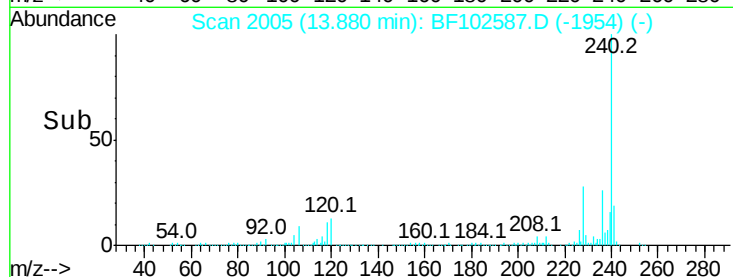
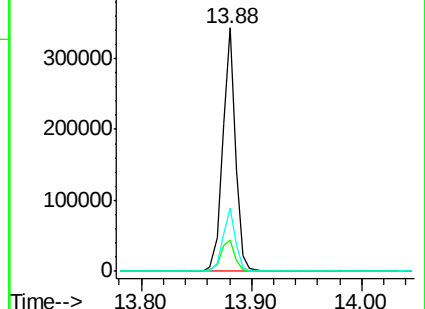
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 52.489 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

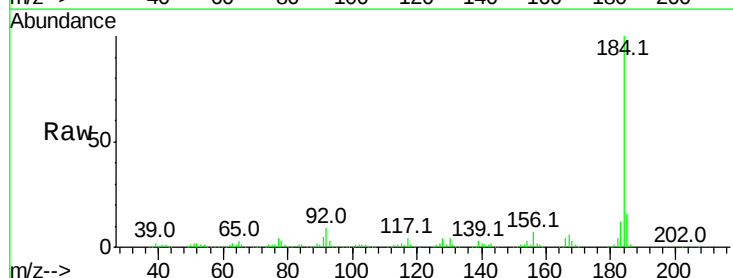
Tgt Ion:184 Resp: 488644

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

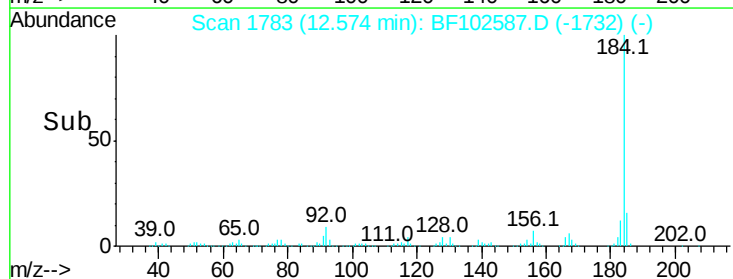
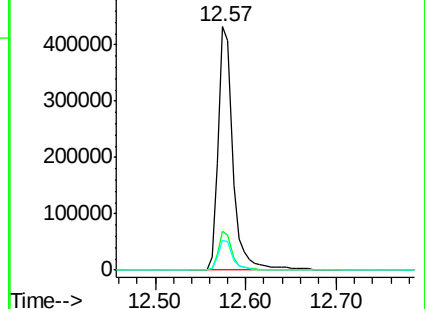
183 12.2 9.3 13.9

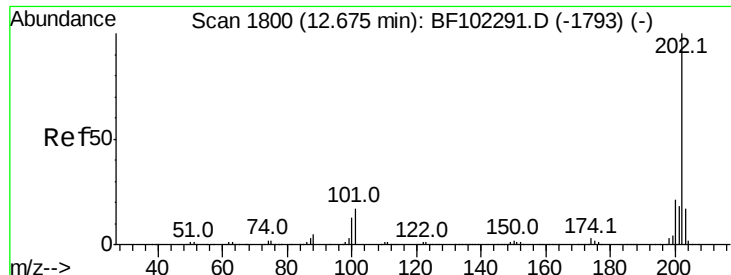


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

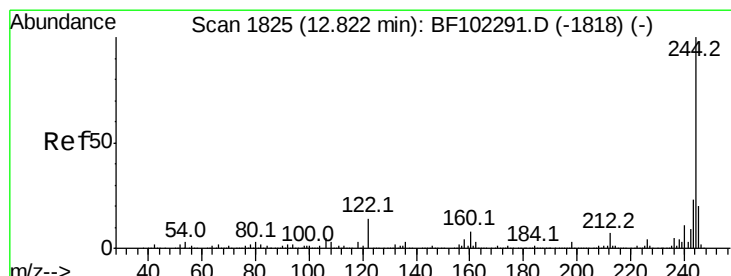
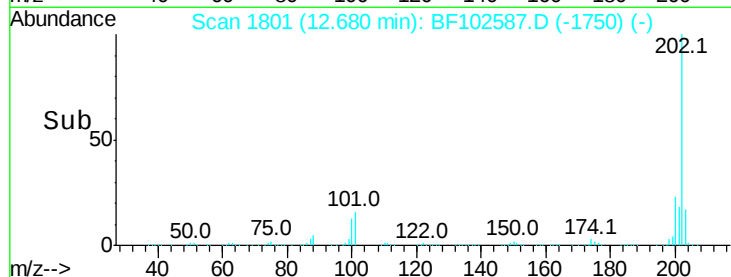
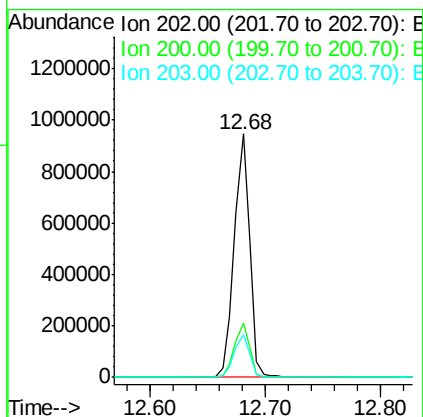
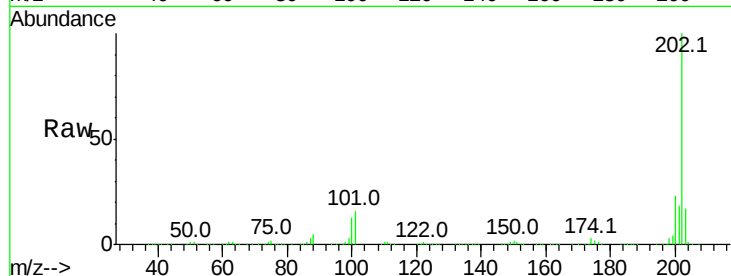




#77
 Pvrene
 Concen: 40.904 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

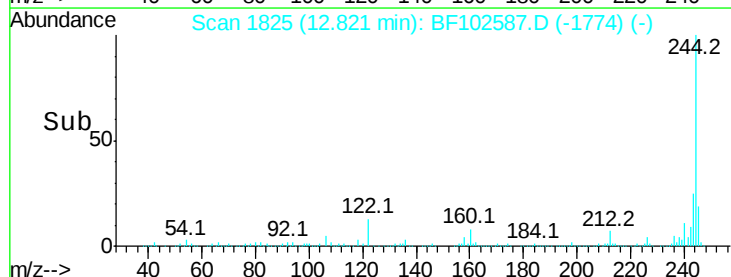
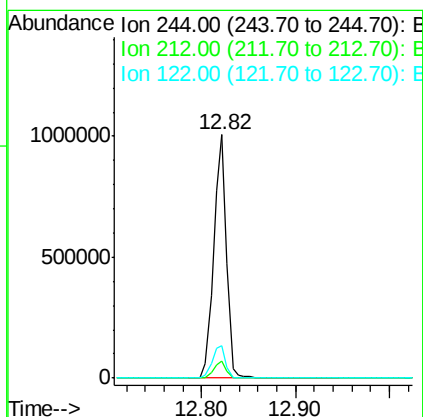
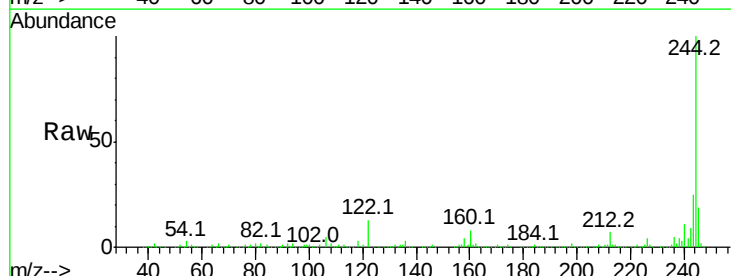
Instrument :
 BNA_F
 ClientSampleId :

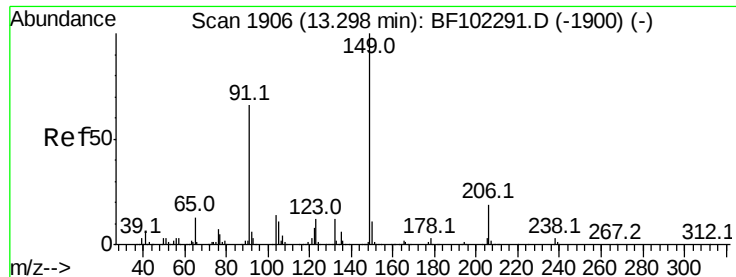
Tot Ion:202 Resp: 876405
 Ion Ratio Lower Upper
 202 100
 200 22.5 17.4 26.2
 203 17.3 14.3 21.5



#78
 Terphenyl-d14
 Concen: 78.621 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Tgt Ion:244 Resp: 966464
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.3 11.0 16.4

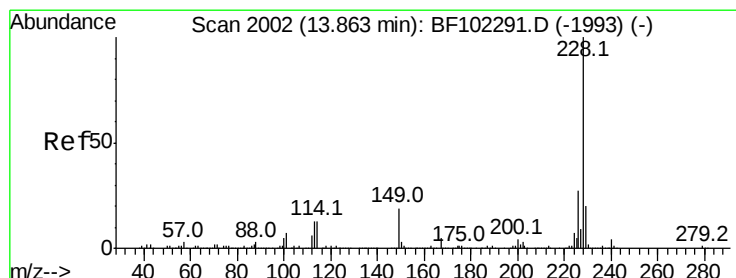
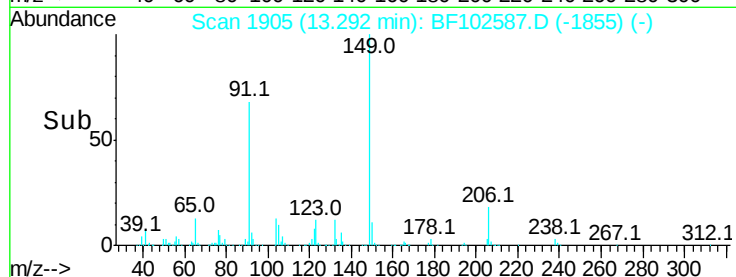
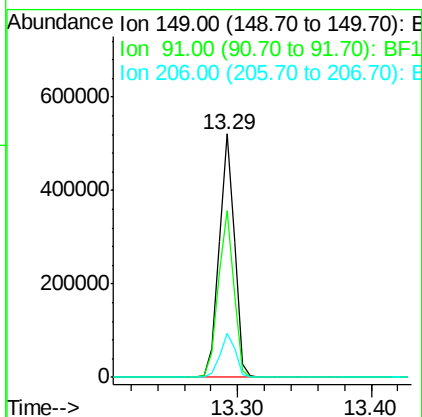
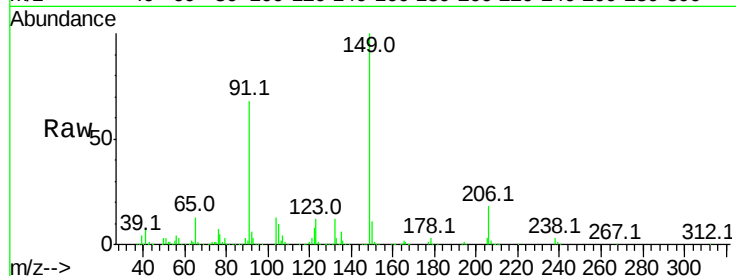




#79
Butylbenzylphthalate
Concen: 39.884 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

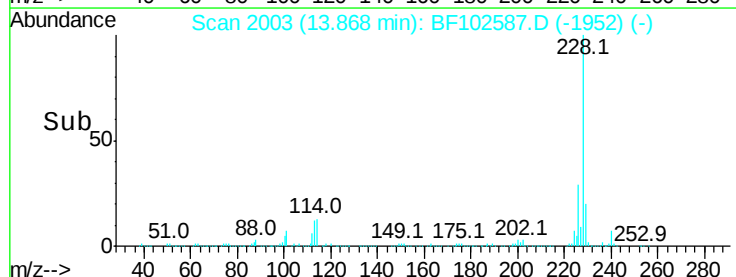
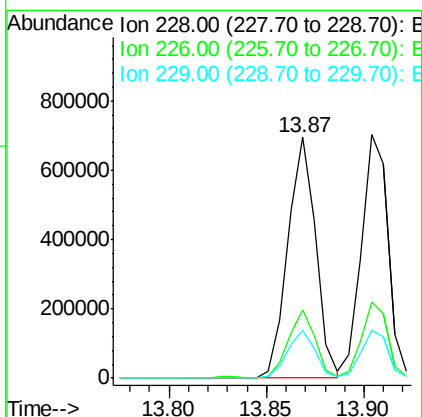
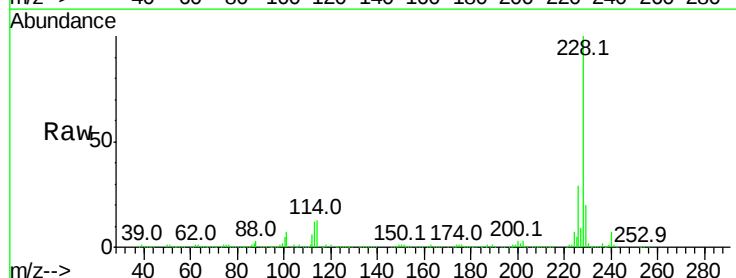
Instrument :
BNA_F
ClientSampleId :

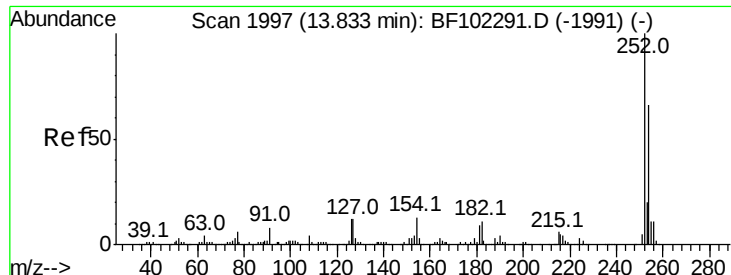
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.3	56.8	85.2
206	17.9	14.1	21.1



#80
Benzo(a)anthracene
Concen: 40.187 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102587.D
Acq: 29 Jan 2018 10:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	19.9	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 38.494 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

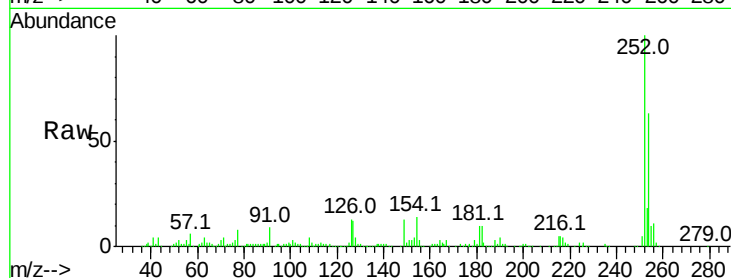
Tot Ion:252 Resp: 240921

Ion Ratio Lower Upper

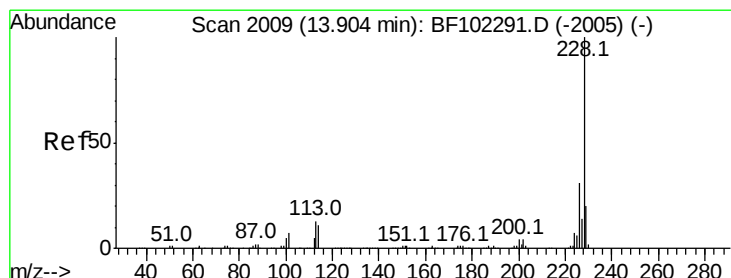
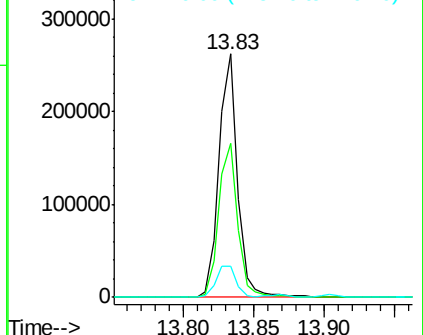
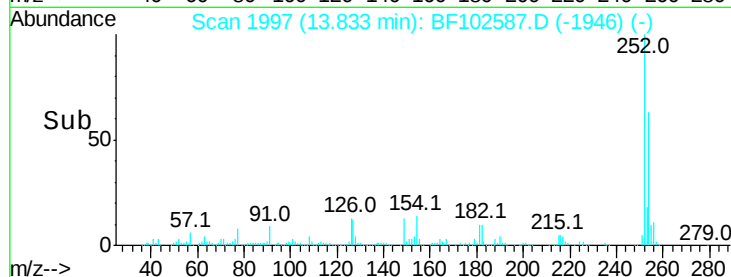
252 100

254 63.1 50.4 75.6

126 13.0 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: 38.690 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

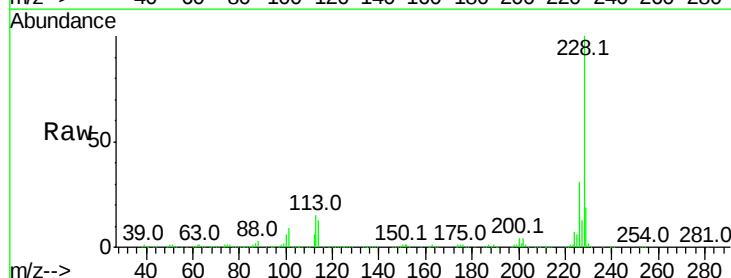
Tgt Ion:228 Resp: 670339

Ion Ratio Lower Upper

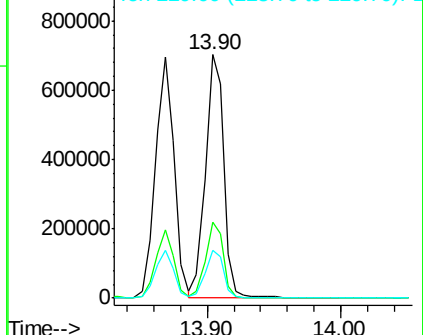
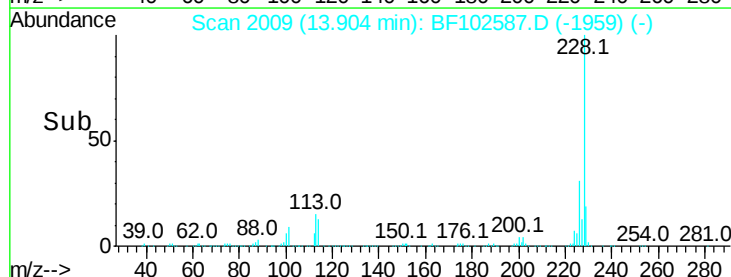
228 100

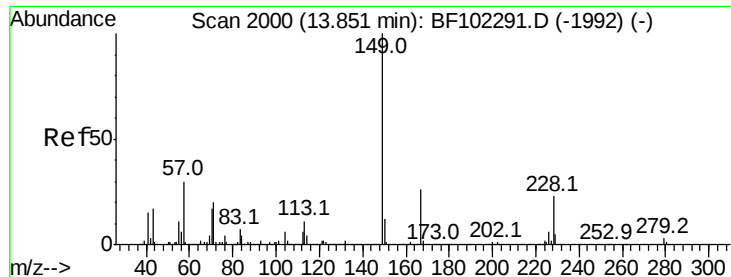
226 31.2 25.0 37.6

229 19.4 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

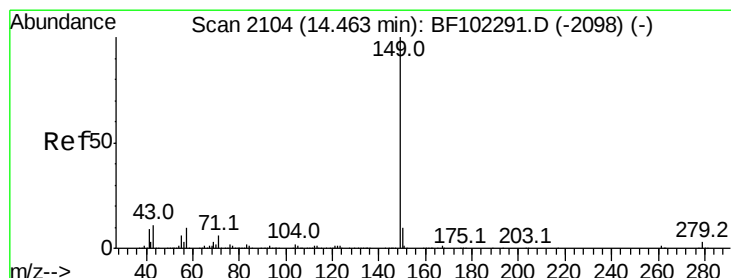
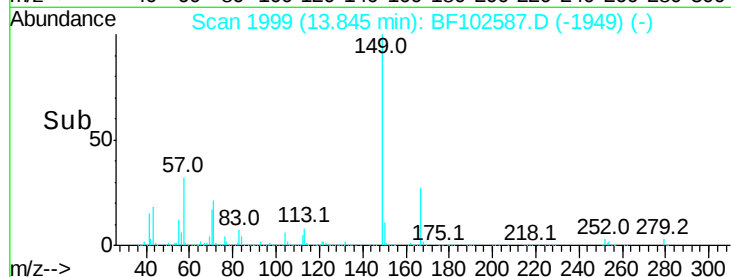
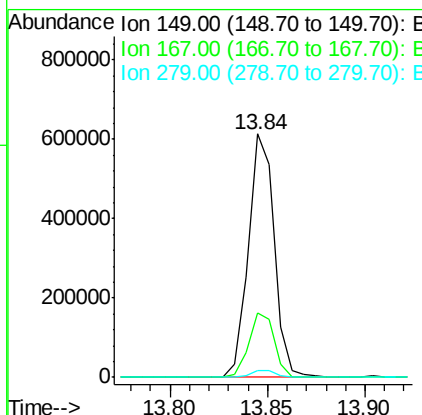
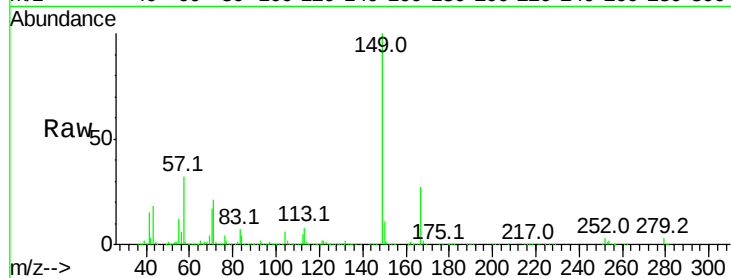




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.387 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

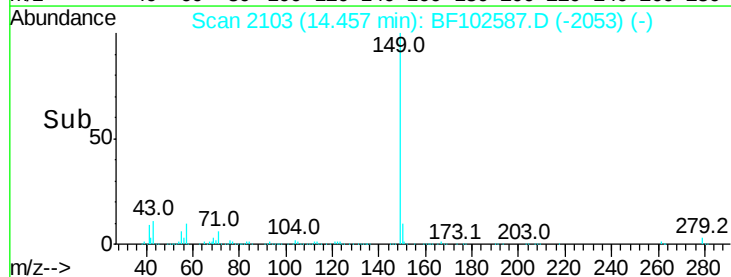
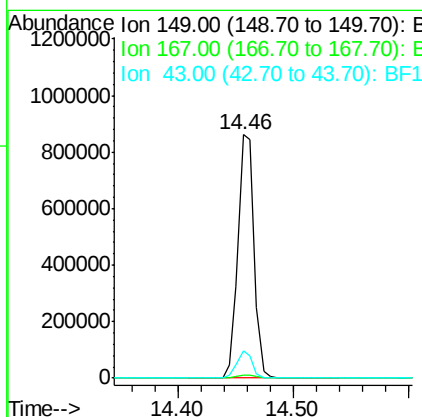
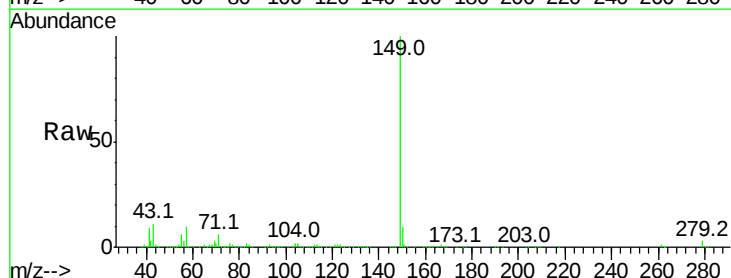
Instrument :
 BNA_F
 ClientSampleId :

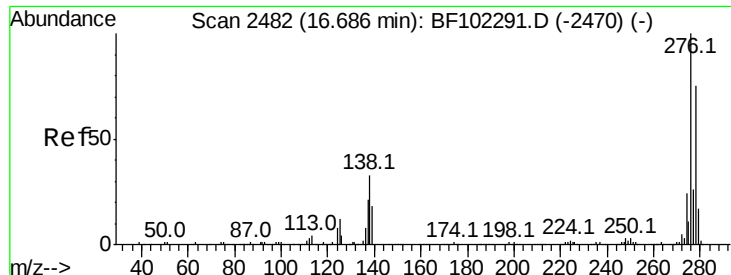
Tot Ion:149 Resp: 564390
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.3 31.9
 279 2.6 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 35.912 ng
 RT: 14.46 min Scan# 2103
 Delta R.T. -0.01 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Tgt Ion:149 Resp: 836863
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 10.5 8.4 12.6

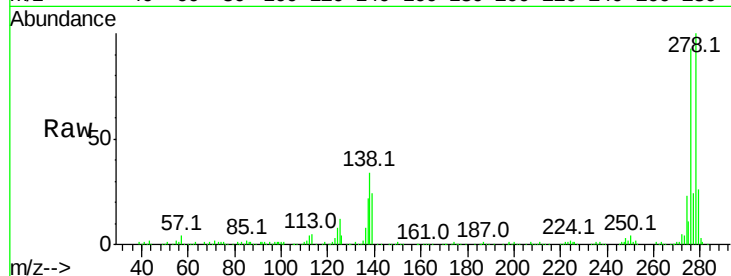




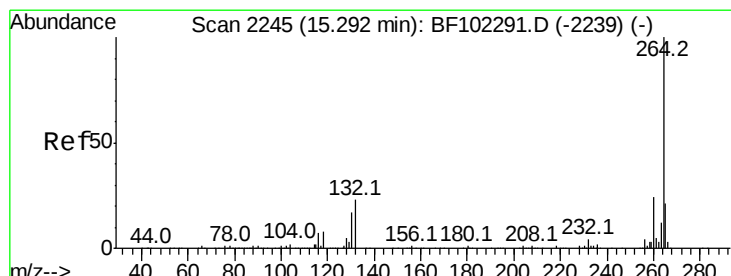
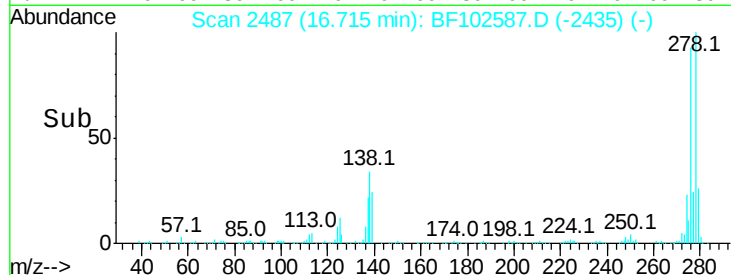
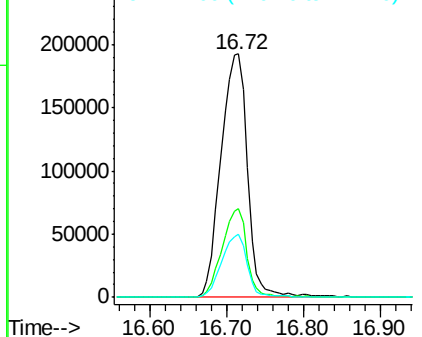
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.344 ng
 RT: 16.72 min Scan# 2487
 Delta R.T. 0.01 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 462804
 Ion Ratio Lower Upper
 276 100
 138 34.0 25.0 37.6
 277 24.9 20.1 30.1

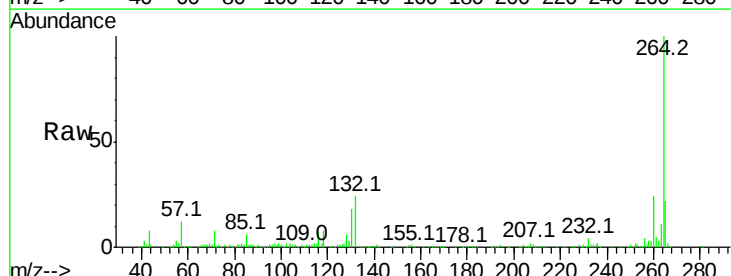


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

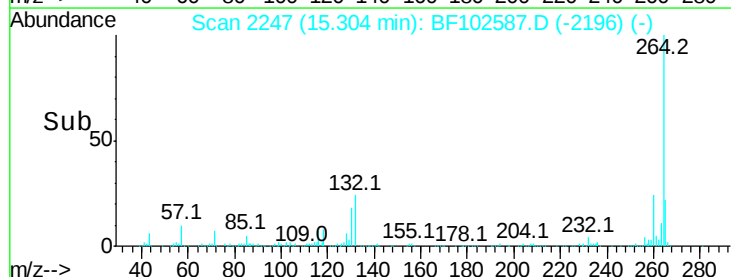
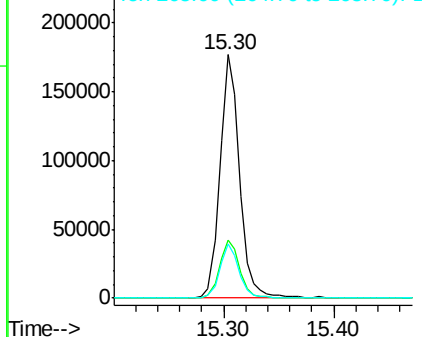


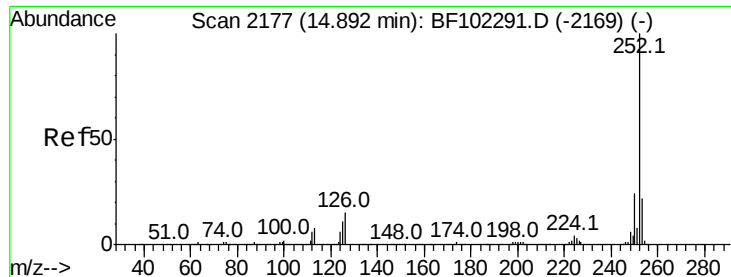
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.00 min
 Lab File: BF102587.D
 Acq: 29 Jan 2018 10:22

Tgt Ion:264 Resp: 218965
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.1 17.5 26.3



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





#87

Benzo(b)fluoranthene

Concen: 38.777 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

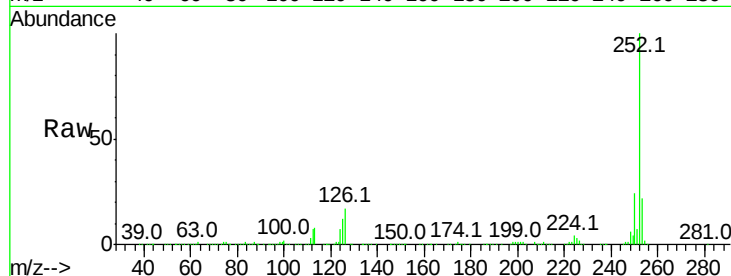
Tot Ion:252 Resp: 550328

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

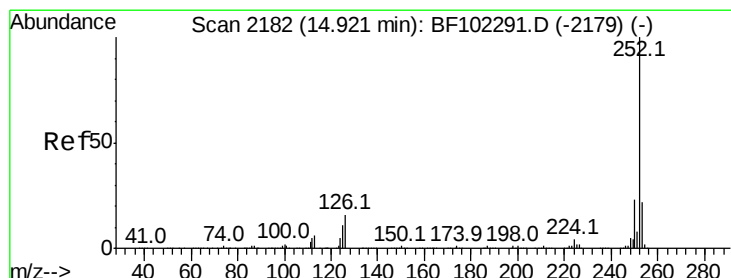
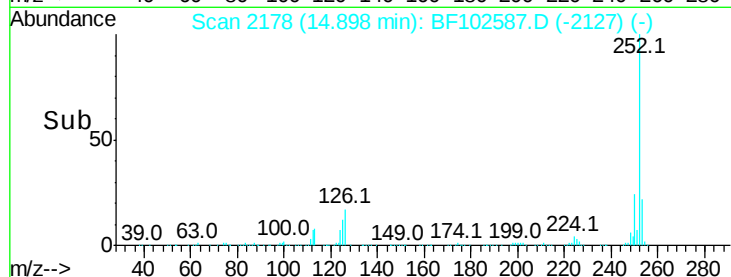
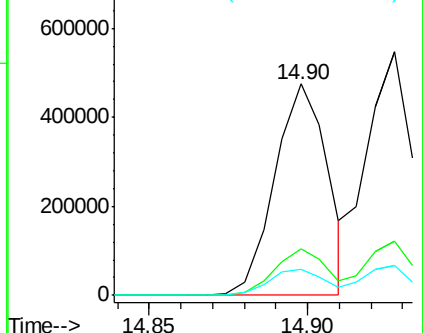
125 12.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.059 ng

RT: 14.93 min Scan# 2183

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

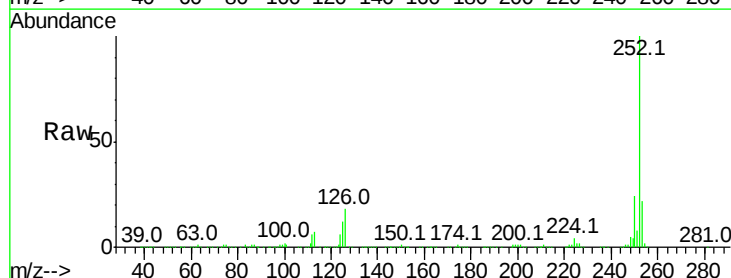
Tgt Ion:252 Resp: 563945

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

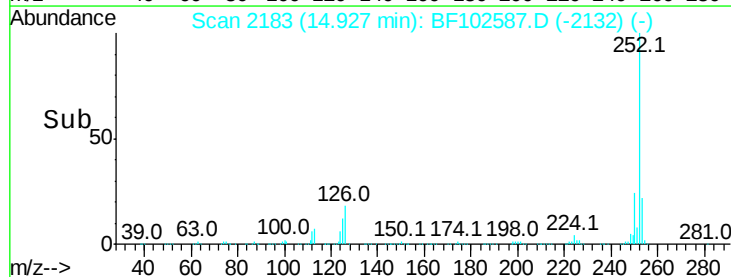
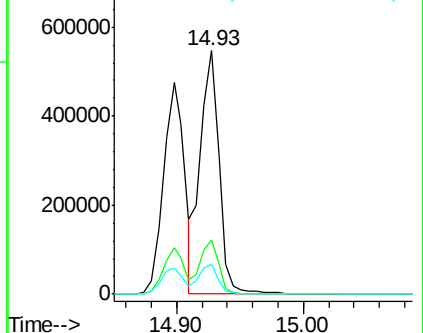
125 12.3 10.2 15.2

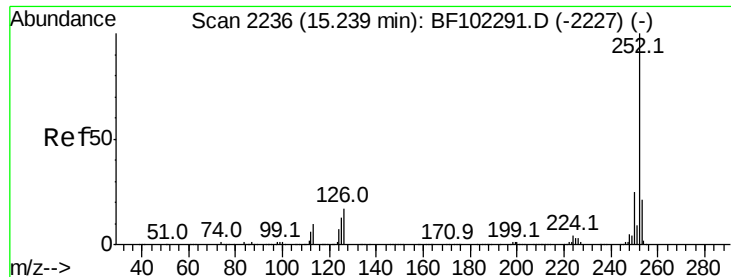


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.349 ng

RT: 15.25 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :

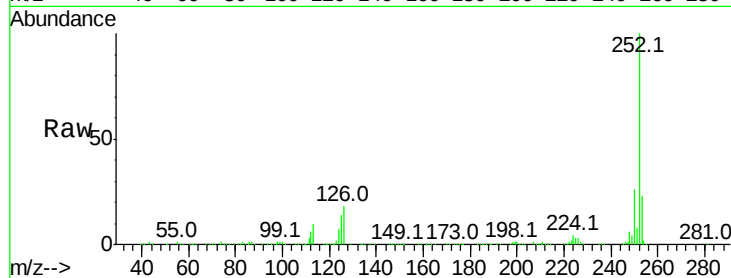
Tot Ion:252 Resp: 503657

Ion Ratio Lower Upper

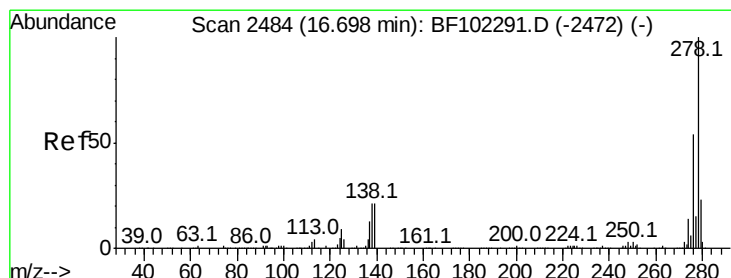
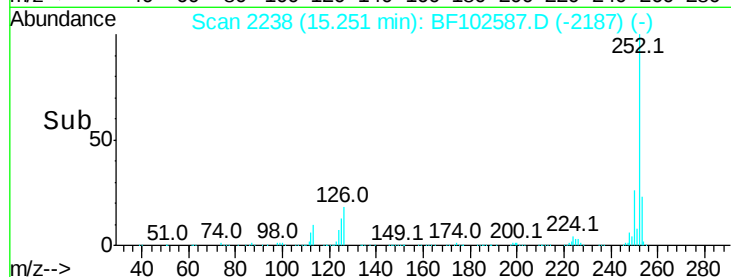
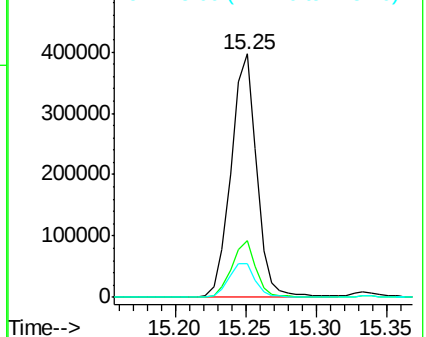
252 100

253 23.1 17.1 25.7

125 13.6 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: 36.418 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

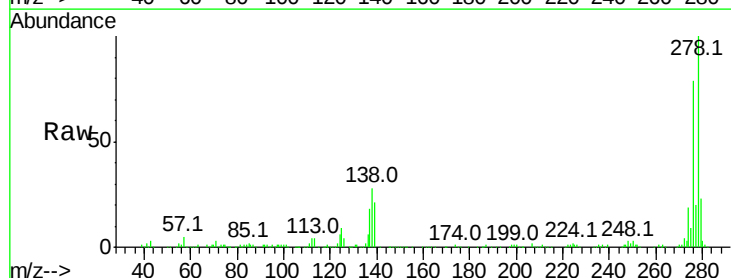
Tgt Ion:278 Resp: 377605

Ion Ratio Lower Upper

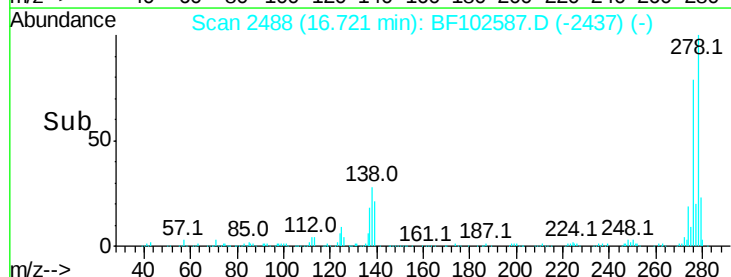
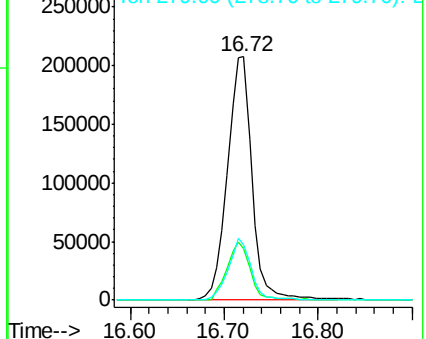
278 100

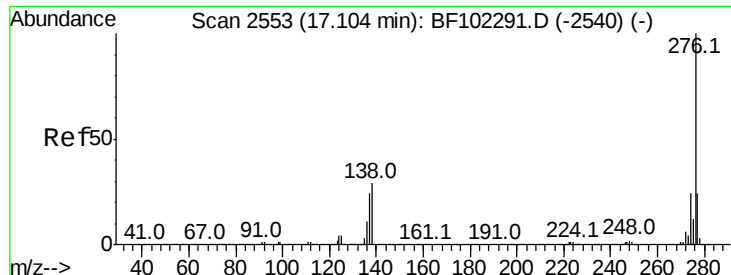
139 21.0 15.9 23.9

279 23.0 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: 37.528 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.00 min

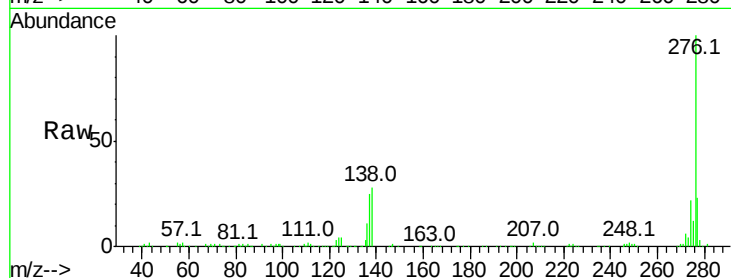
Lab File: BF102587.D

Acq: 29 Jan 2018 10:22

Instrument :

BNA_F

ClientSampleId :



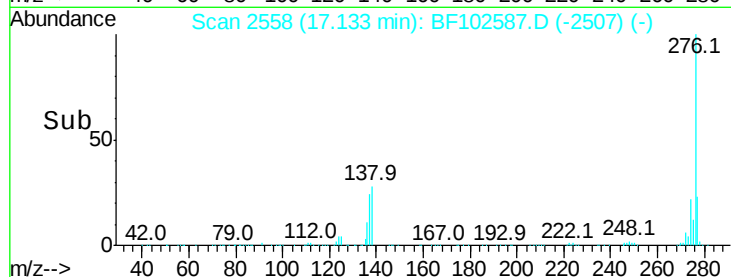
Tot Ion:276 Resp: 384199

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 28.3 21.8 32.8



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

