

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102450.D
 Acq On : 26 Jan 2018 3:19
 Operator : SJ/JU
 Sample : J1289-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MS

Quant Time: Jan 26 04:47:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	127890	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	527796	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	220843	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	343422	20.00	ng	0.00
75) Chrysene-d12	13.88	240	245792	20.00	ng	0.00
86) Perylene-d12	15.31	264	214860	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1016371	120.50	ng	0.02
7) Phenol-d6	6.37	99	1222738	120.25	ng	0.00
23) Nitrobenzene-d5	7.29	82	756962	82.42	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	203784	93.13	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1256137	83.63	ng	0.00
78) Terphenyl-d14	12.83	244	942606	86.45	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.41	88	128971	32.182	ng	97
3) Pyridine	3.13	79	339507	32.418	ng	96
4) n-Nitrosodimethylamine	3.08	42	174427	42.483	ng	94
6) Aniline	6.39	93	184812	13.741	ng	# 1
8) 2-Chlorophenol	6.51	128	351021	39.701	ng	95
9) Benzaldehyde	6.27	77	182116	29.632	ng	96
10) Phenol	6.38	94	453860	40.883	ng	85
11) bis(2-Chloroethyl)ether	6.46	93	330355	39.126	ng	98
12) 1,3-Dichlorobenzene	6.66	146	375456	35.705	ng	99
13) 1,4-Dichlorobenzene	6.73	146	381965	36.262	ng	99
14) 1,2-Dichlorobenzene	6.89	146	352967	36.634	ng	99
15) Benzyl Alcohol	6.87	79	264358	36.846	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	519613	36.693	ng	84
17) 2-Methylphenol	6.99	107	284365	37.032	ng	# 94
18) Hexachloroethane	7.23	117	117714	32.070	ng	97
19) n-Nitroso-di-n-propylamine	7.14	70	236588	38.019	ng	99
20) 3+4-Methylphenols	7.14	107	368209	40.771	ng	# 84
22) Acetophenone	7.13	105	477869	37.981	ng	96
24) Nitrobenzene	7.31	77	352305	37.483	ng	94
25) Isophorone	7.55	82	639537	39.059	ng	98
26) 2-Nitrophenol	7.62	139	146997	29.716	ng	95
27) 2,4-Dimethylphenol	7.66	122	304747	42.426	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	411273	40.662	ng	99
29) 2,4-Dichlorophenol	7.87	162	284848	38.931	ng	96
30) 1,2,4-Trichlorobenzene	7.95	180	279103	35.585	ng	98
31) Naphthalene	8.02	128	974800	36.991	ng	99
32) Benzoic acid	7.79	122	88080	14.636	ng	97
33) 4-Chloroaniline	8.08	127	102841	9.281	ng	98
34) Hexachlorobutadiene	8.13	225	147290	35.161	ng	100
35) Caprolactam	8.45	113	93062	38.512	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	291630	37.813	ng	94
37) 2-Methylnaphthalene	8.72	142	652571	37.184	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	255182	38.406	ng	99
40) Hexachlorocyclopentadiene	8.86	237	30802	10.359	ng	96

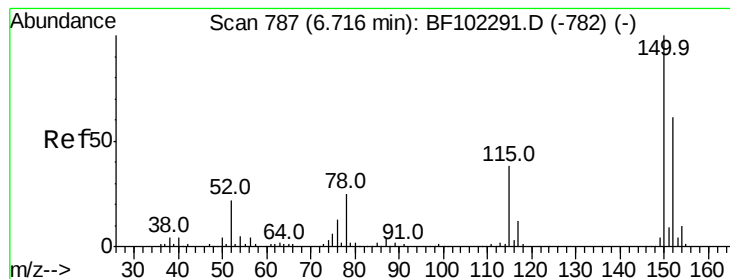
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	168773	37.945	ng	97
43) 2,4,5-Trichlorophenol	9.05	196	175140	34.972	ng	99
45) 1,1'-Biphenyl	9.18	154	742120	37.581	ng	97
46) 2-Chloronaphthalene	9.20	162	566597	36.914	ng	98
47) 2-Nitroaniline	9.31	65	190491	39.808	ng	96
48) Acenaphthylene	9.62	152	852717	35.659	ng	100
49) Dimethylphthalate	9.48	163	815598	44.680	ng	99
50) 2,6-Dinitrotoluene	9.55	165	133331	33.878	ng	91
51) Acenaphthene	9.79	154	496147	35.526	ng	99
52) 3-Nitroaniline	9.72	138	125560	26.969	ng	87
53) 2,4-Dinitrophenol	9.83	184	10241	9.227	ng	# 23
54) Dibenzofuran	9.96	168	736267	38.954	ng	100
55) 4-Nitrophenol	9.89	139	187904	61.142	ng	95
56) 2,4-Dinitrotoluene	9.96	165	156662	32.370	ng	# 91
57) Fluorene	10.30	166	561398	37.484	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	122402	34.232	ng	98
59) Diethylphthalate	10.18	149	644868	36.354	ng	98
60) 4-Chlorophenyl-phenylether	10.30	204	245247	37.768	ng	97
61) 4-Nitroaniline	10.33	138	160386	34.523	ng	91
62) Azobenzene	10.46	77	580191	35.725	ng	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	10353	4.519	ng	93
65) n-Nitrosodiphenylamine	10.42	169	514199	40.794	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	145373	39.323	ng	92
67) Hexachlorobenzene	10.85	284	142989	34.584	ng	97
68) Atrazine	10.95	200	144509	38.817	ng	99
69) Pentachlorophenol	11.05	266	115798	53.315	ng	98
70) Phenanthrene	11.27	178	741584	37.057	ng	98
71) Anthracene	11.32	178	767837	37.591	ng	100
72) Carbazole	11.47	167	717019	35.982	ng	99
73) Di-n-butylphthalate	11.80	149	939520	37.719	ng	98
74) Fluoranthene	12.45	202	716996	35.134	ng	99
76) Benzidine	12.58	184	370122	44.825	ng	98
77) Pyrene	12.68	202	726124	38.209	ng	99
79) Butylbenzylphthalate	13.30	149	371428	39.274	ng	99
80) Benzo(a)anthracene	13.87	228	601091	39.722	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	211861	38.165	ng	99
82) Chrysene	13.91	228	571890	37.215	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	502280	39.520	ng	100
84) Di-n-octyl phthalate	14.47	149	830019	40.158	ng	99
85) Indeno(1,2,3-cd)pyrene	16.71	276	452607	35.663	ng	99
87) Benzo(b)fluoranthene	14.90	252	533922	38.340	ng	99
88) Benzo(k)fluoranthene	14.93	252	484572	36.830	ng	99
89) Benzo(a)pyrene	15.25	252	480785	38.280	ng	98
90) Dibenzo(a,h)anthracene	16.72	278	376952	37.050	ng	96
91) Benzo(g,h,i)perylene	17.13	276	360907	35.926	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF102450.D

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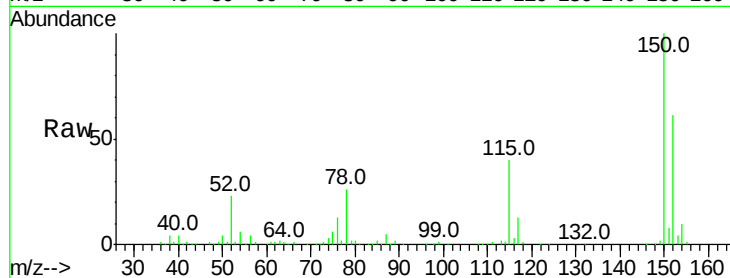
Tot Ion:152 Resp: 127890

Ion Ratio Lower Upper

152 100

150 163.2 124.6 186.8

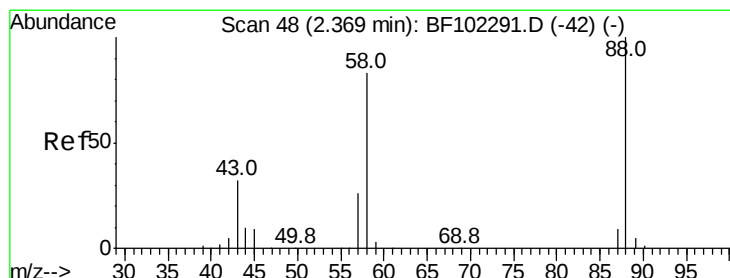
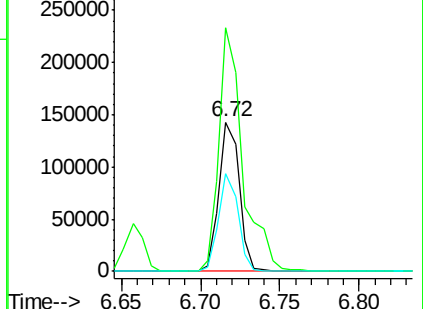
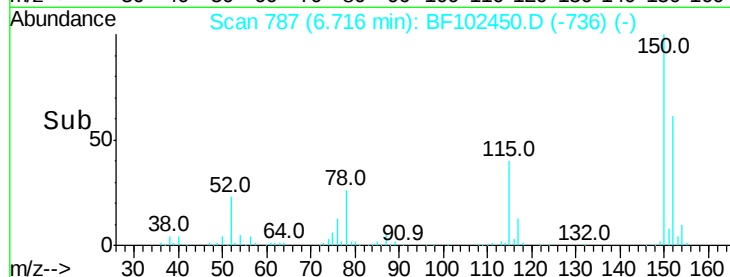
115 65.1 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.182 ng

RT: 2.41 min Scan# 55

Delta R.T. 0.04 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

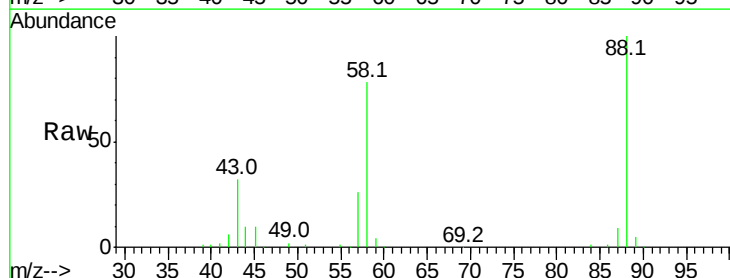
Tgt Ion: 88 Resp: 128971

Ion Ratio Lower Upper

88 100

58 81.2 62.6 93.8

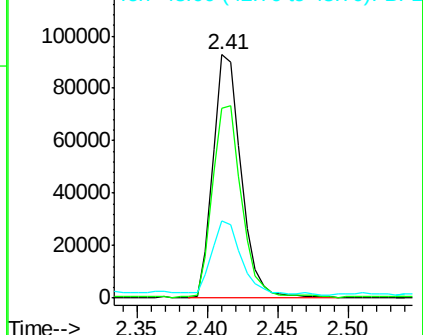
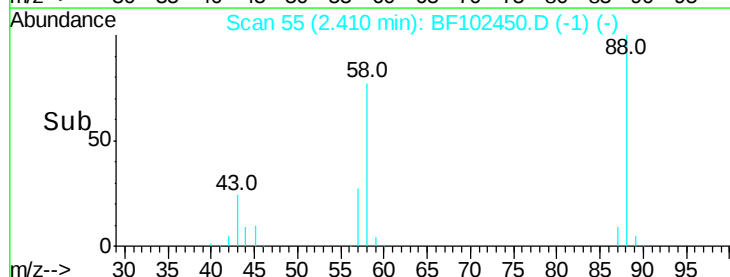
43 32.3 24.6 37.0

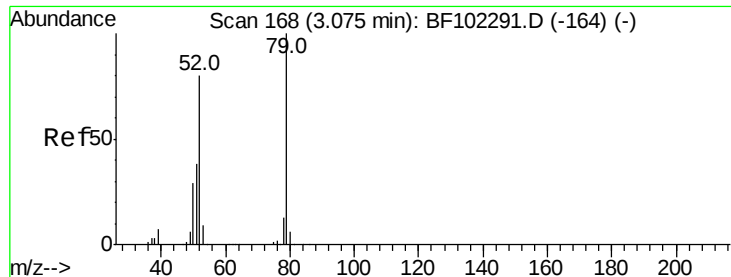


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.418 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.05 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

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ClientSampleId :

SB-08-9.5-10.0MS

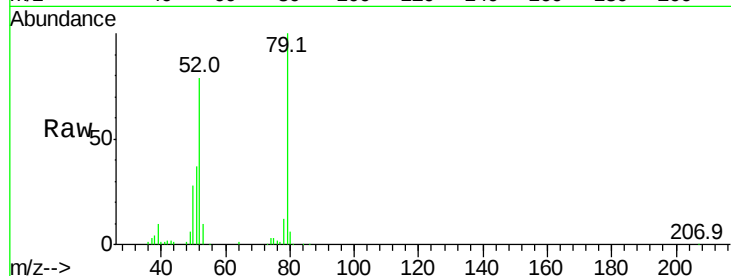
Tot Ion: 79 Resp: 339507

Ion Ratio Lower Upper

79 100

52 79.1 59.8 89.6

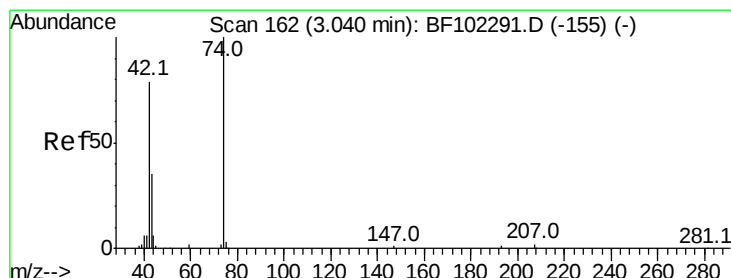
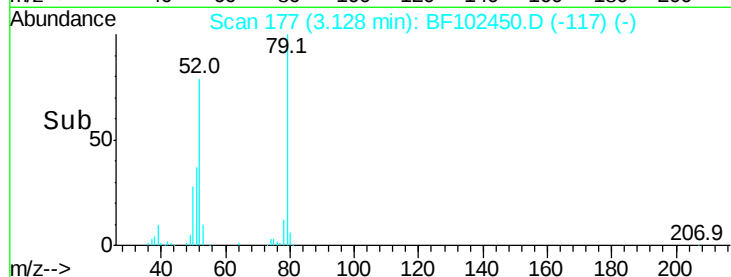
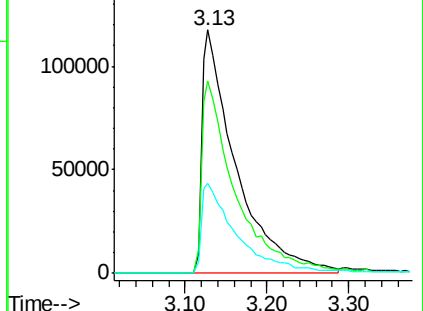
51 36.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.483 ng

RT: 3.08 min Scan# 169

Delta R.T. 0.03 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

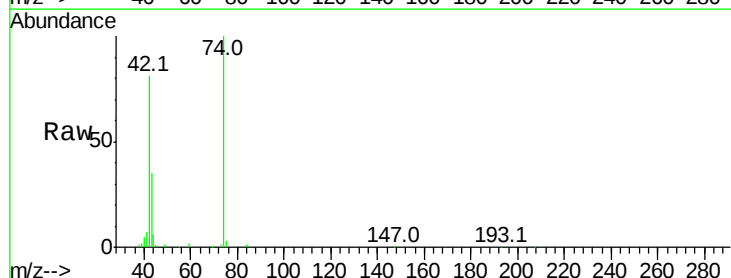
Tgt Ion: 42 Resp: 174427

Ion Ratio Lower Upper

42 100

74 123.4 104.9 157.3

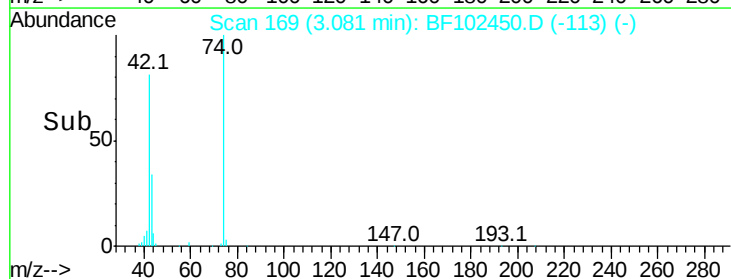
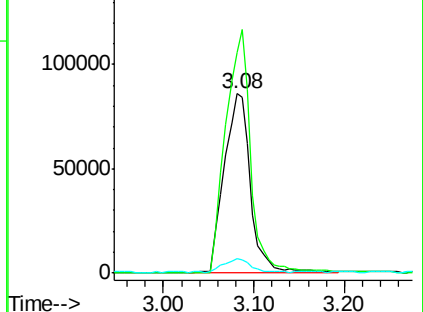
44 7.7 6.9 10.3

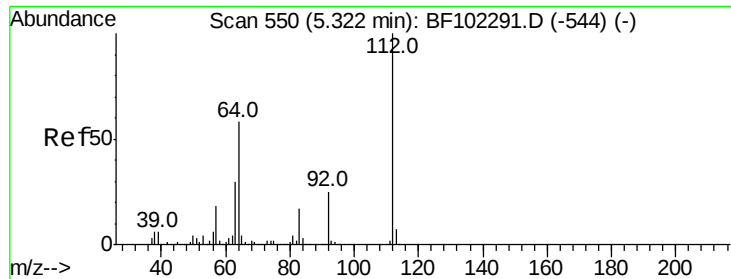


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 120.501 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

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SB-08-9.5-10.0MS

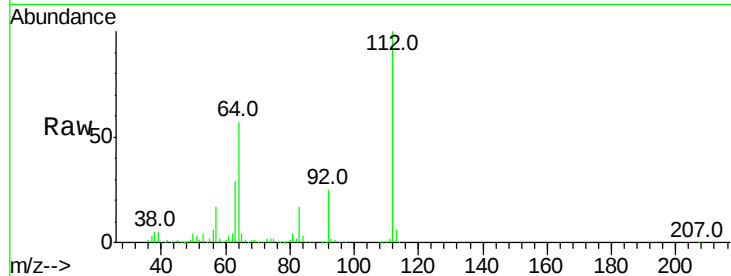
Tot Ion:112 Resp: 1016371

Ion Ratio Lower Upper

112 100

64 57.0 47.9 71.9

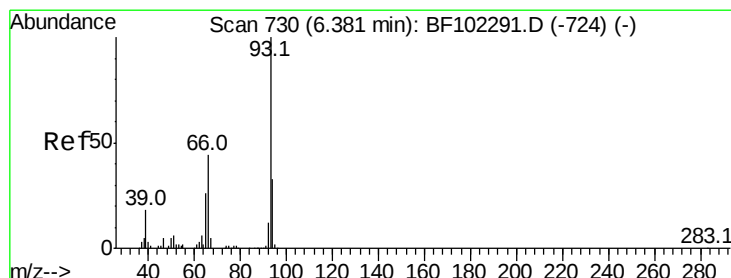
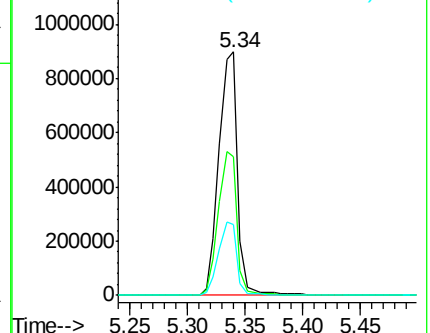
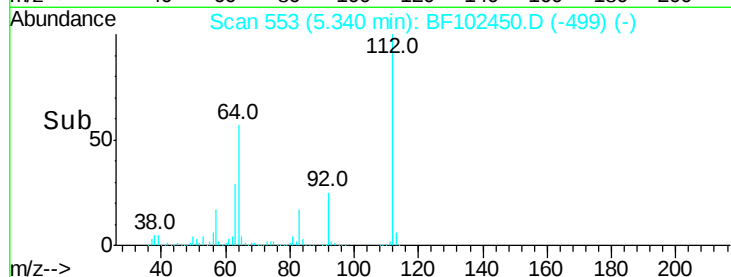
63 29.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.741 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

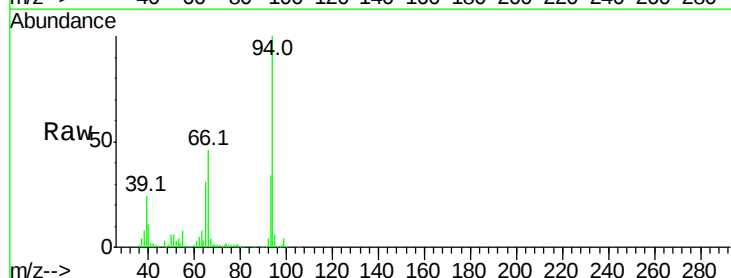
Tgt Ion: 93 Resp: 184812

Ion Ratio Lower Upper

93 100

66 135.2 32.2 48.2#

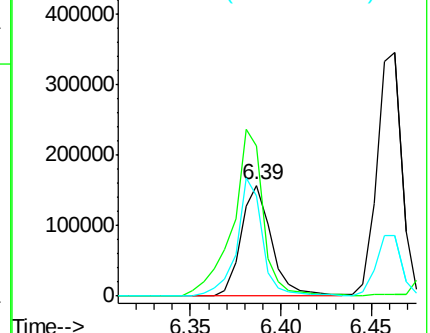
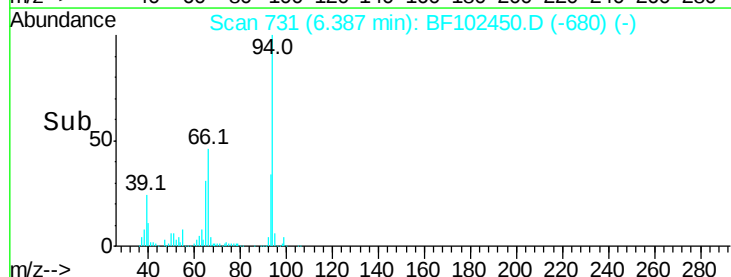
65 91.0 16.4 24.6#

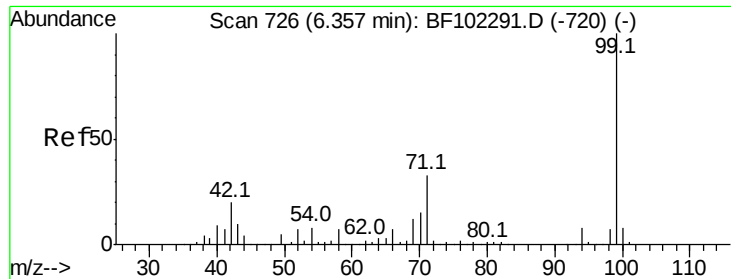


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.246 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF102450.D

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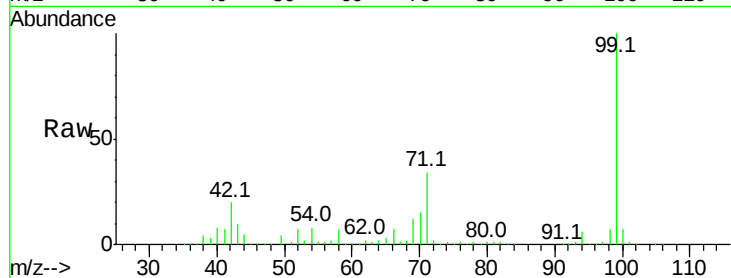
Tot Ion: 99 Resp: 1222738

Ion Ratio Lower Upper

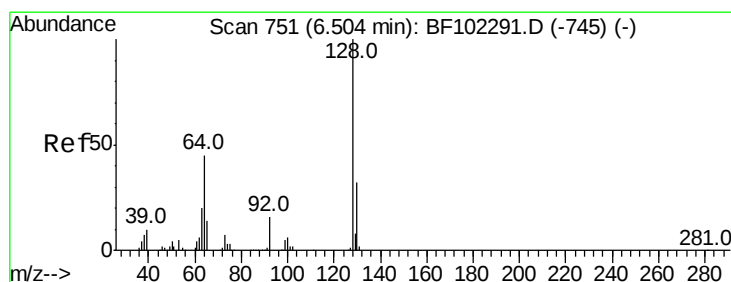
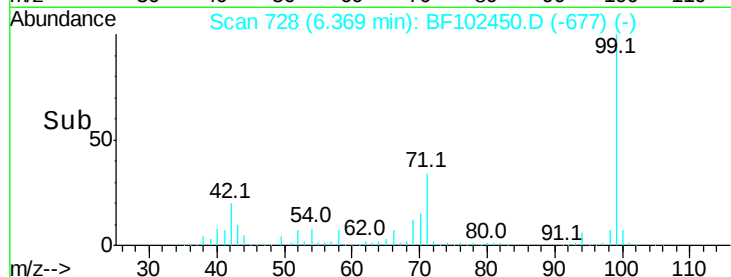
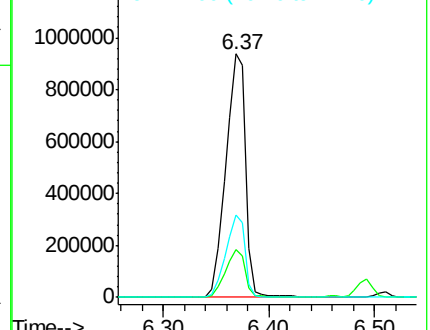
99 100

42 19.6 14.5 21.7

71 33.6 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: 39.701 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

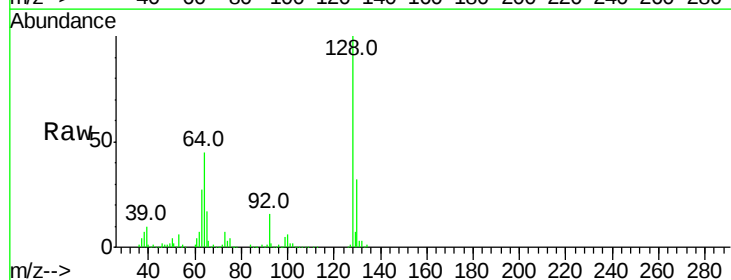
Tgt Ion: 128 Resp: 351021

Ion Ratio Lower Upper

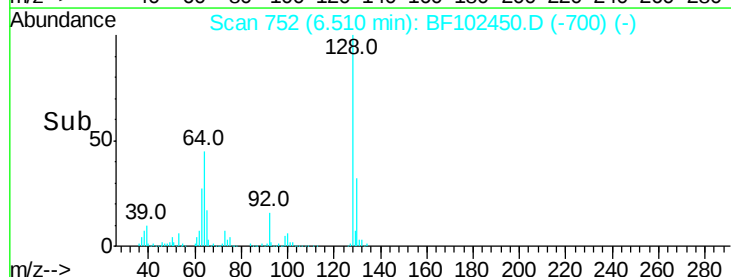
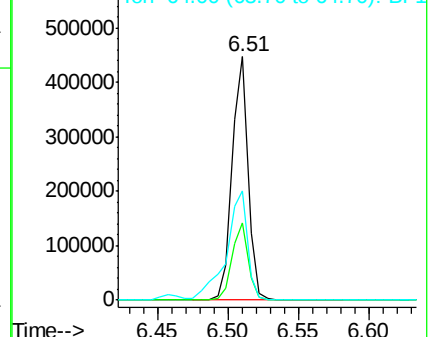
128 100

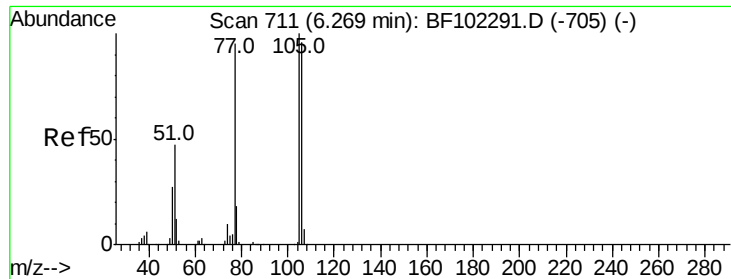
130 31.9 13.0 53.0

64 44.8 29.4 69.4



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





#9

Benzaldehyde

Concen: 29.632 ng

RT: 6.27 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF102450.D

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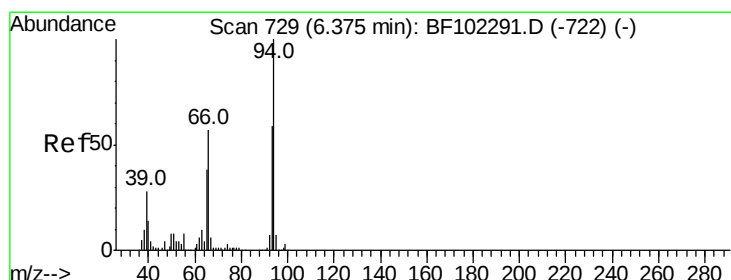
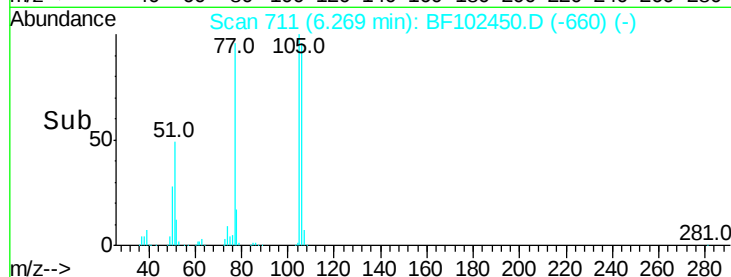
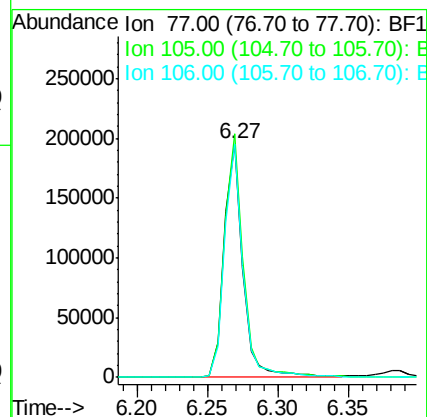
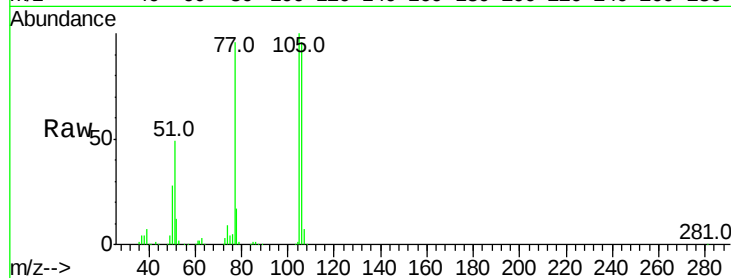
Tot Ion: 77 Resp: 182116

Ion Ratio Lower Upper

77 100

105 104.2 81.1 121.1

106 100.0 74.5 114.5



#10

Phenol

Concen: 40.883 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

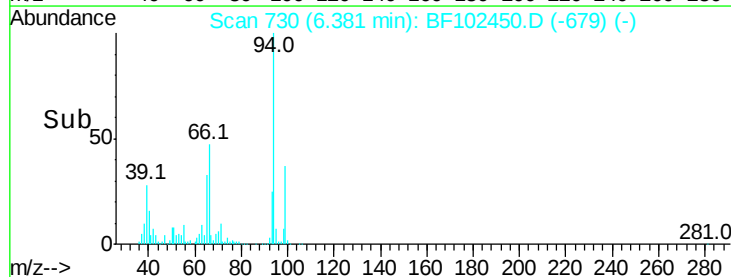
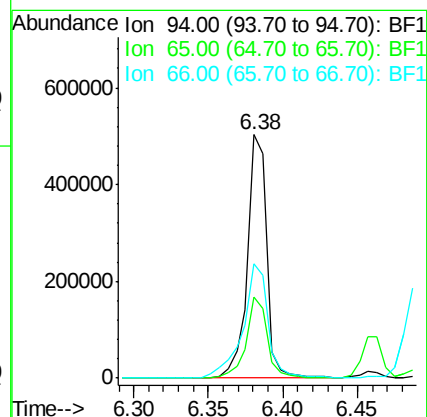
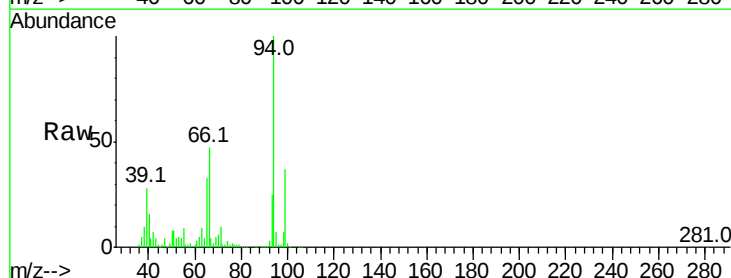
Tgt Ion: 94 Resp: 453860

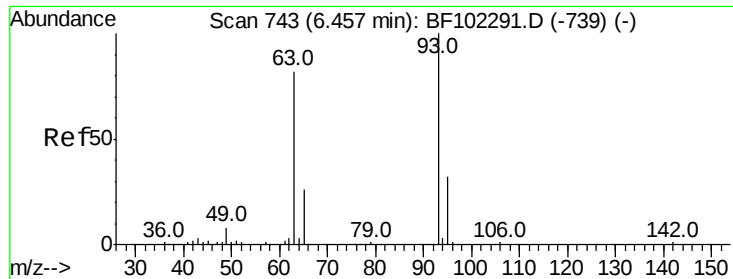
Ion Ratio Lower Upper

94 100

65 33.2 7.9 47.9

66 46.9 16.2 56.2

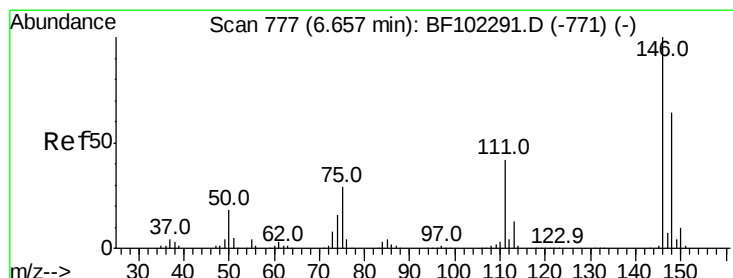
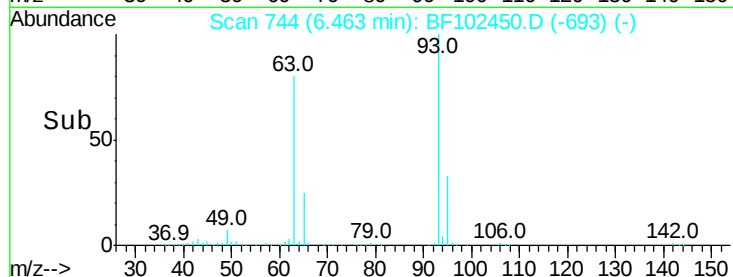
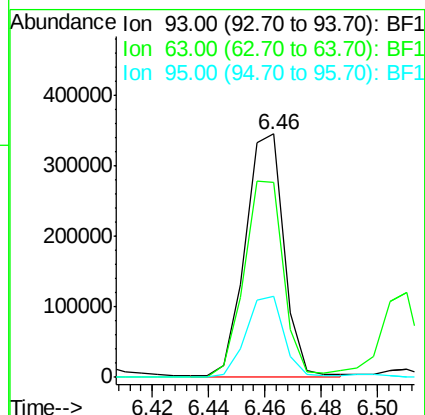
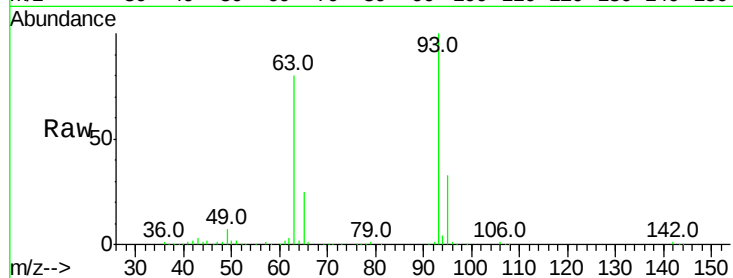




#11
bis(2-Chloroethyl)ether
Concen: 39.126 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

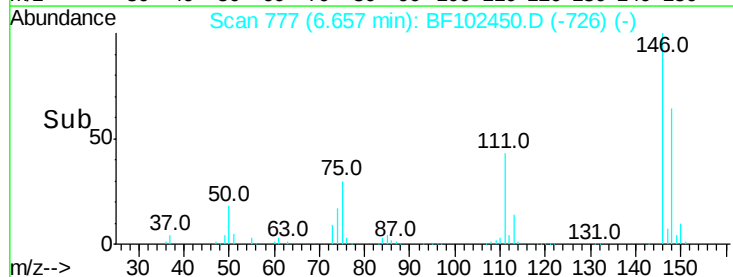
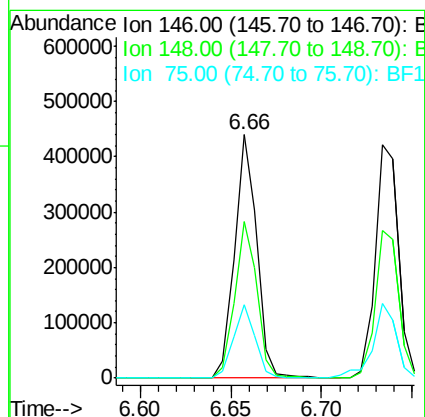
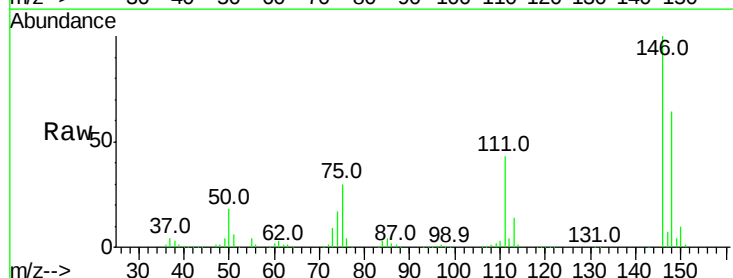
Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MS

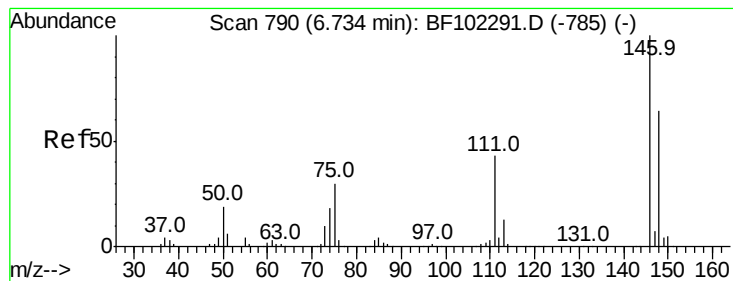
Tot Ion: 93 Resp: 330355
Ion Ratio Lower Upper
93 100
63 80.1 58.6 98.6
95 33.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 35.705 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Tgt Ion: 146 Resp: 375456
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 30.1 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 36.262 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

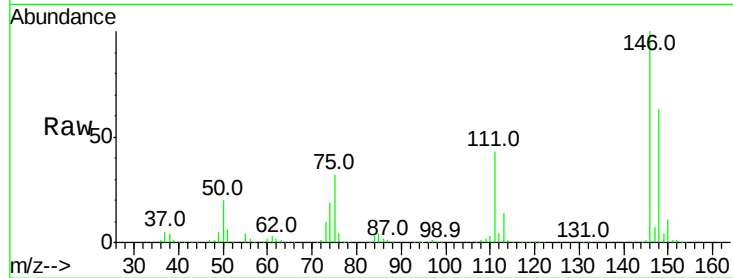
Tot Ion:146 Resp: 381965

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

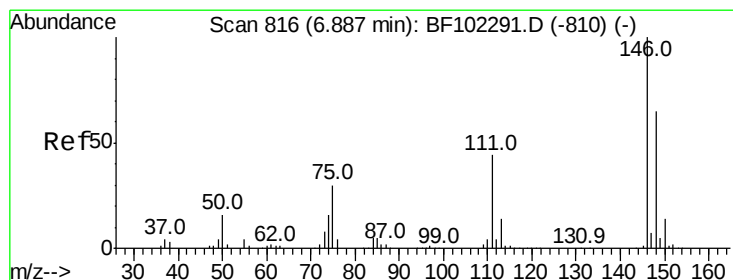
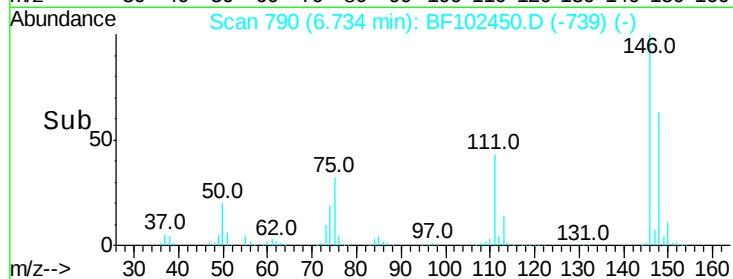
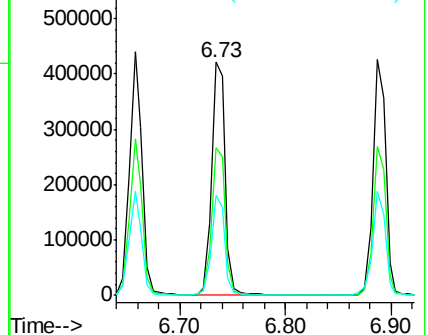
111 43.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.634 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

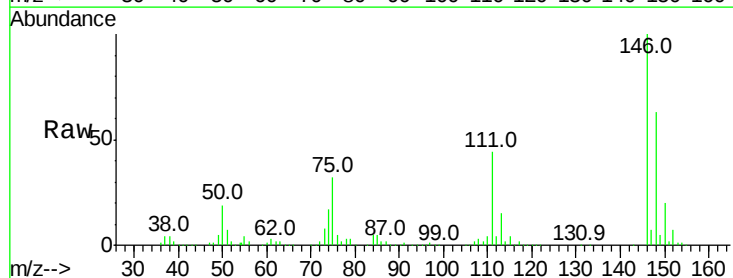
Tgt Ion:146 Resp: 352967

Ion Ratio Lower Upper

146 100

148 63.1 50.6 75.8

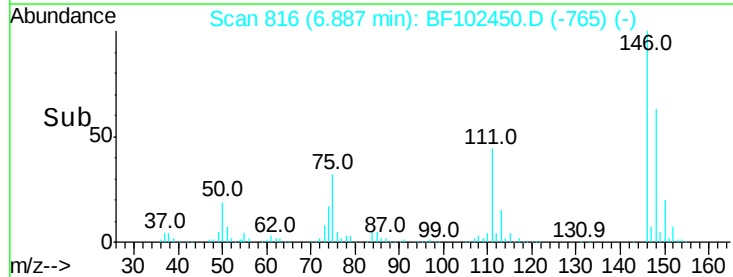
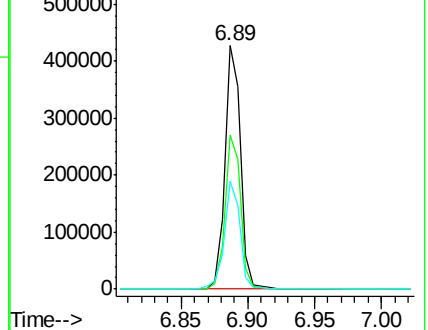
111 44.2 36.0 54.0

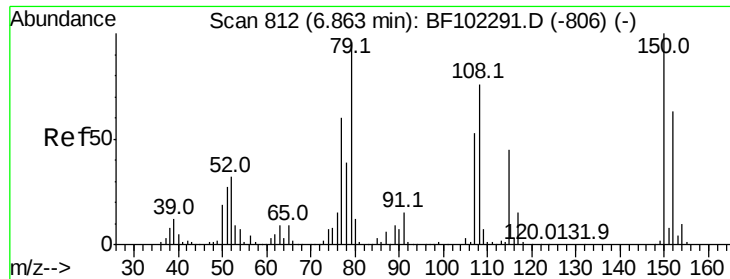


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.846 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

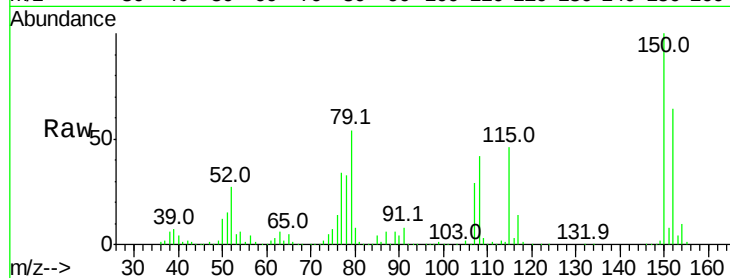
Tot Ion: 79 Resp: 264358

Ion Ratio Lower Upper

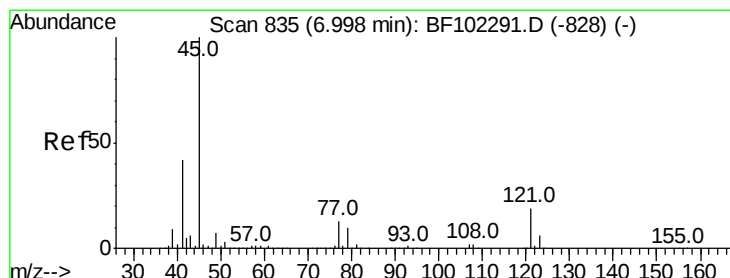
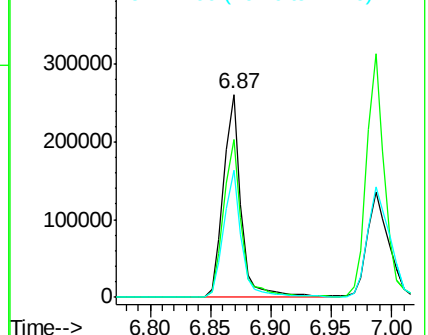
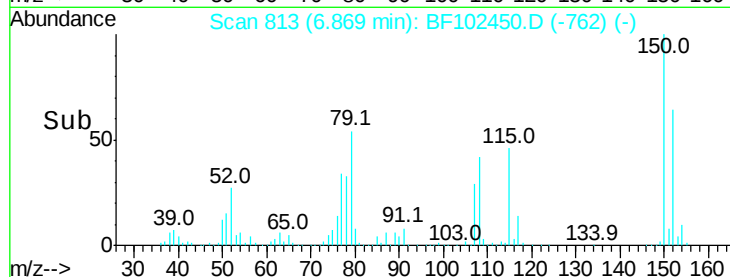
79 100

108 77.9 65.1 97.7

77 62.5 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.693 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

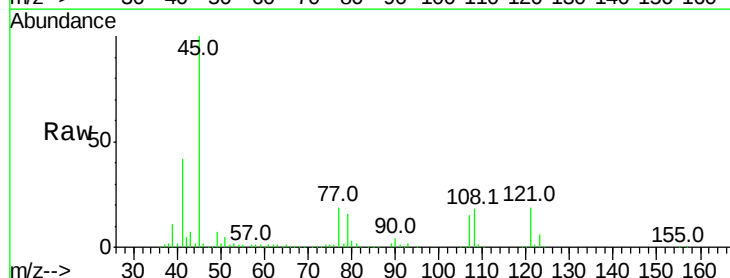
Tgt Ion: 45 Resp: 519613

Ion Ratio Lower Upper

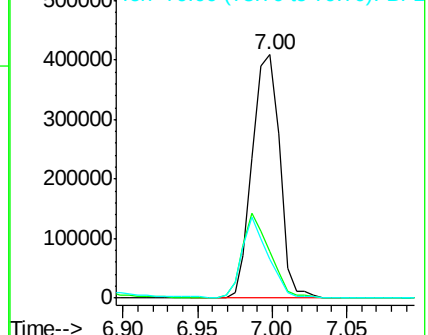
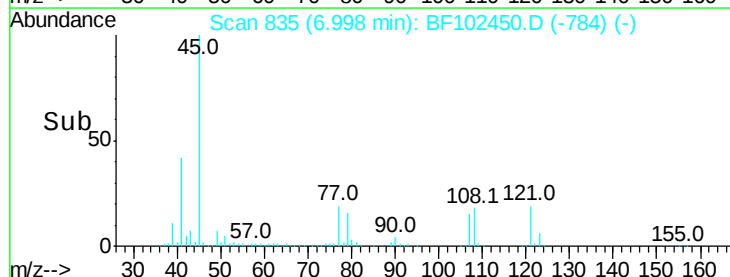
45 100

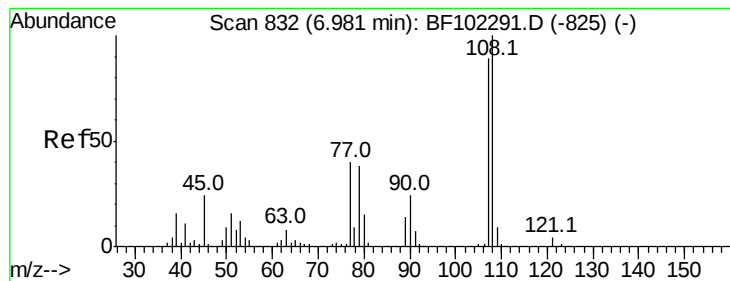
77 19.2 0.0 32.9

79 15.8 0.0 29.6



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





#17

2-Methylphenol

Concen: 37.032 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

Tot Ion:107 Resp: 284365

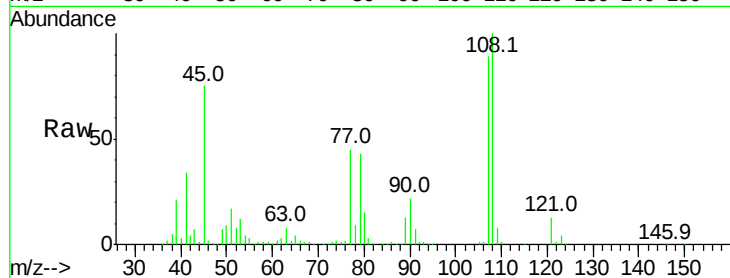
Ion Ratio Lower Upper

107 100

108 112.6 91.7 137.5

77 51.2 33.8 50.8#

79 48.8 33.8 50.8

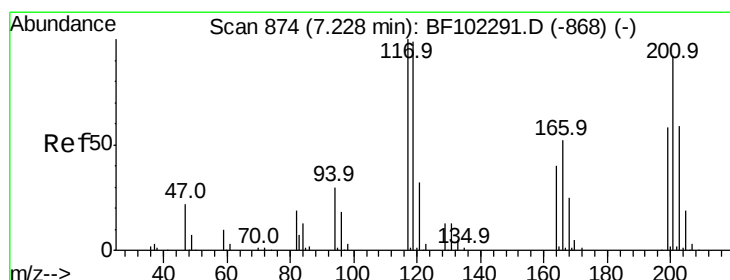
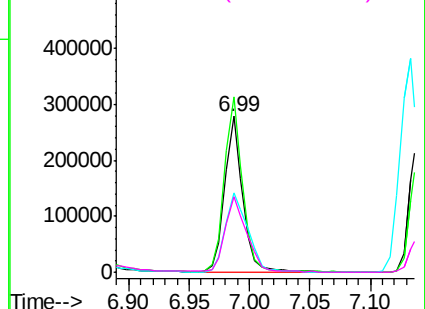
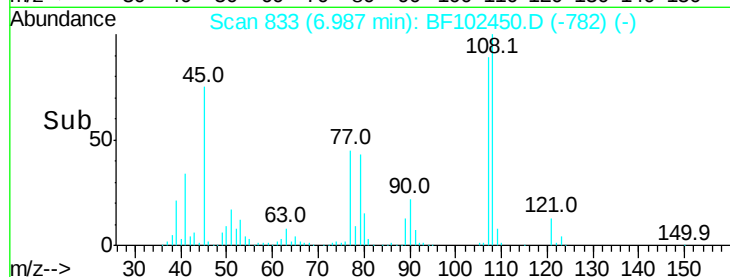


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.070 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

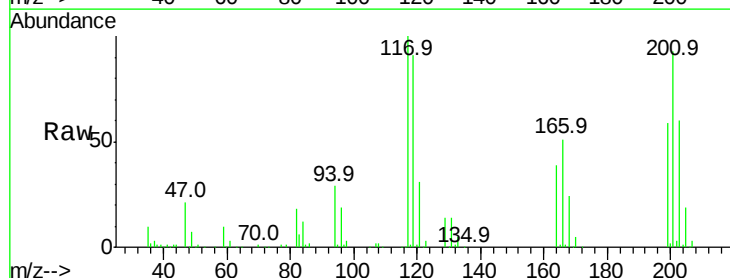
Tgt Ion:117 Resp: 117714

Ion Ratio Lower Upper

117 100

119 91.0 75.8 113.8

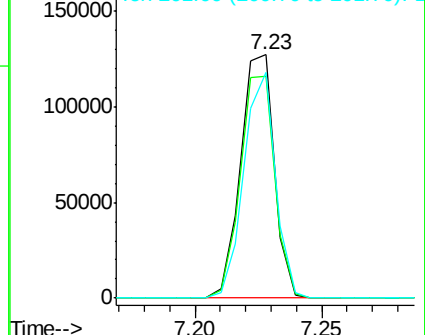
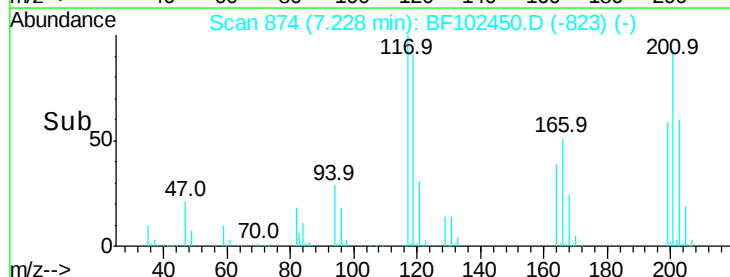
201 93.0 75.7 113.5

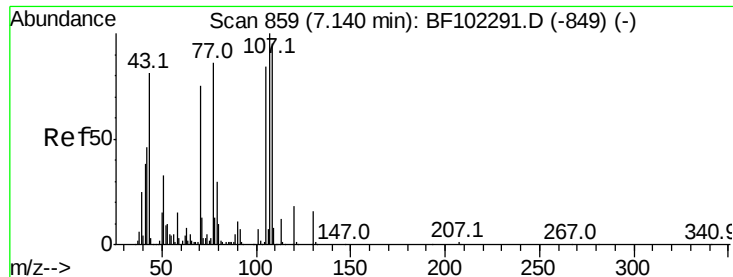


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

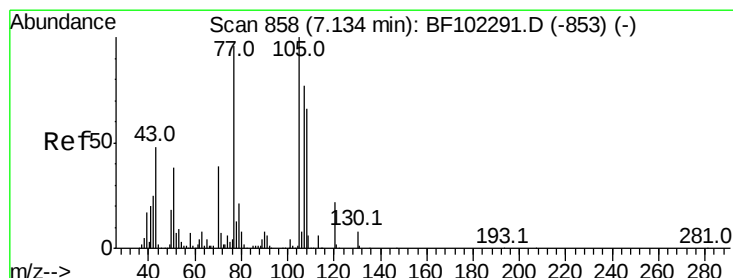
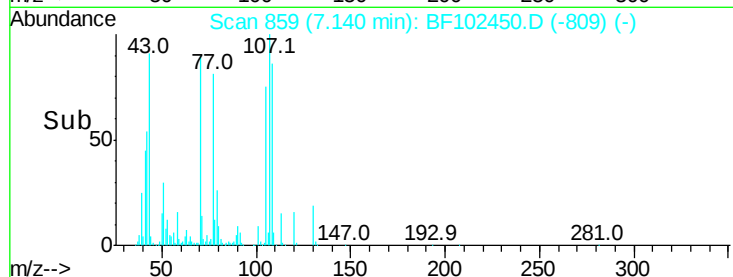
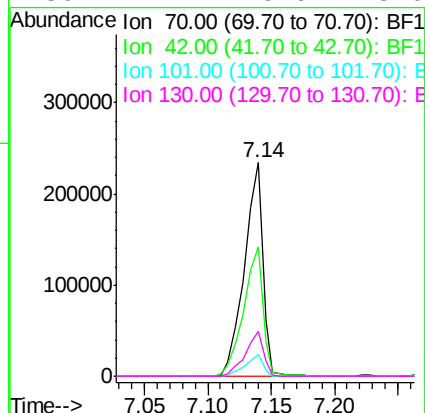
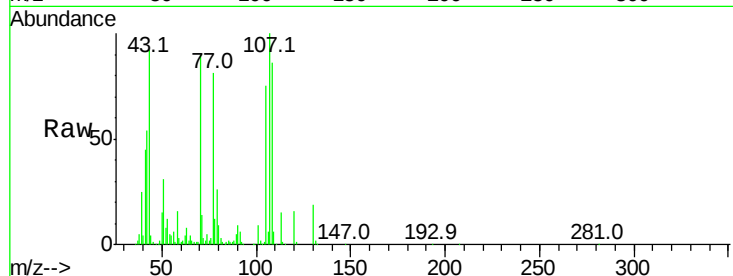




#19
n-Nitroso-di-n-propylamine
Concen: 38.019 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

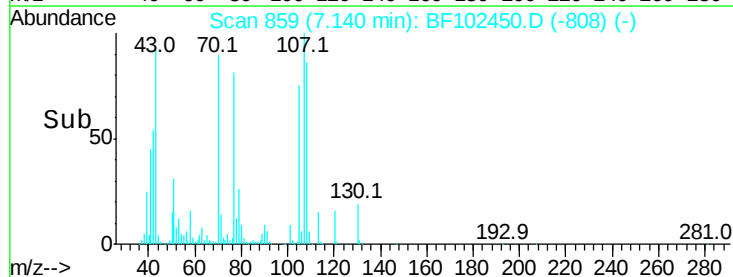
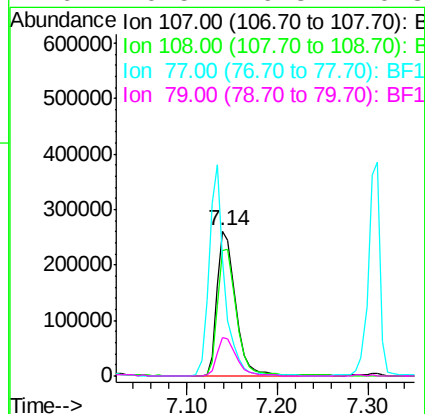
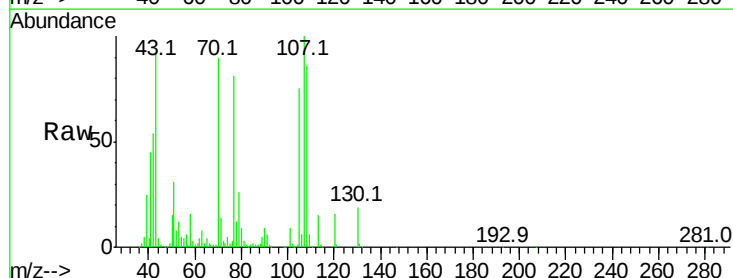
Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MS

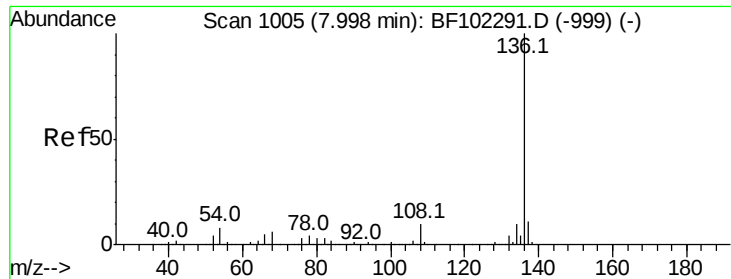
Tot Ion: 70 Resp: 236588
Ion Ratio Lower Upper
70 100
42 60.6 47.5 71.3
101 10.1 7.4 11.2
130 21.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 40.771 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Tgt Ion: 107 Resp: 368209
Ion Ratio Lower Upper
107 100
108 86.3 68.2 108.2
77 80.8 26.7 66.7#
79 26.5 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

Tot Ion:136 Resp: 527796

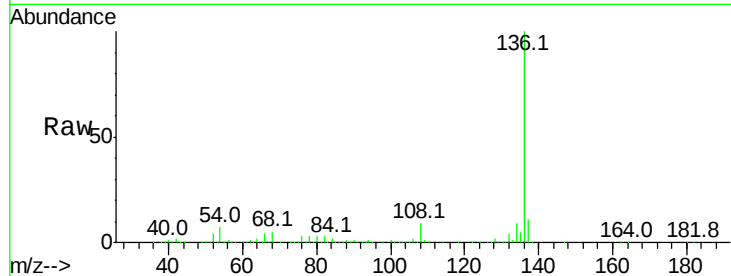
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.4 6.6 9.8

68 4.7 5.0 7.4#

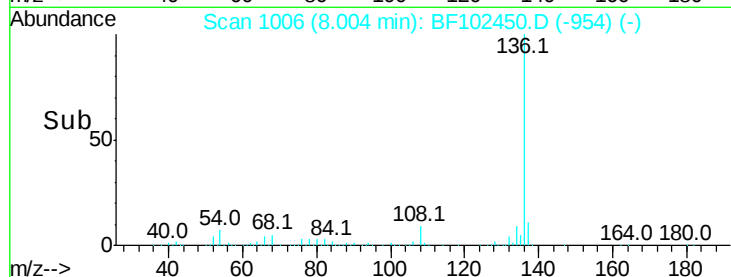


Abundance Ion 136.00 (135.70 to 136.70): E

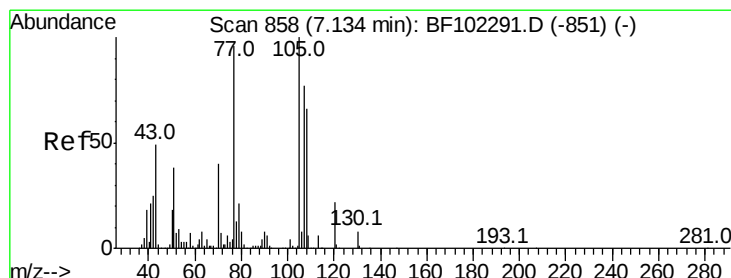
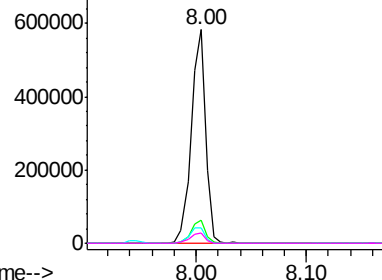
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 37.981 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Tgt Ion:105 Resp: 477869

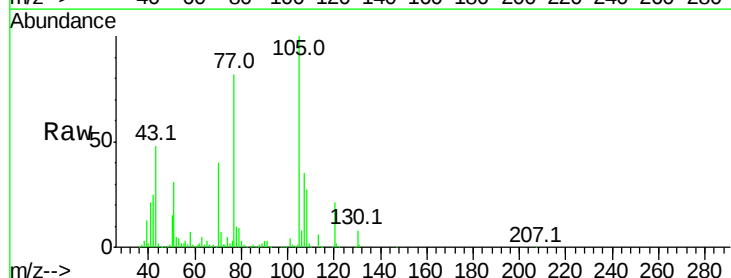
Ion Ratio Lower Upper

105 100

71 6.6 4.4 6.6

51 31.3 22.3 33.5

120 21.1 16.9 25.3

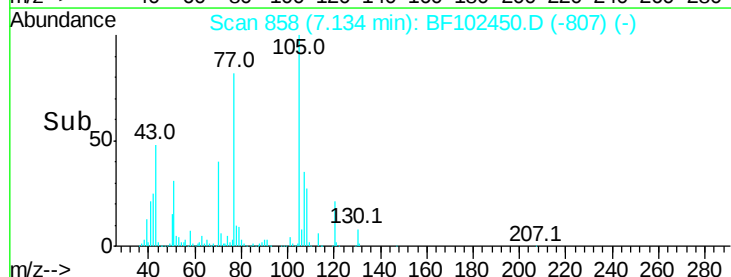


Abundance Ion 105.00 (104.70 to 105.70): E

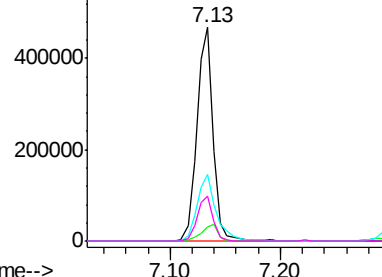
Ion 71.00 (70.70 to 71.70): BF1

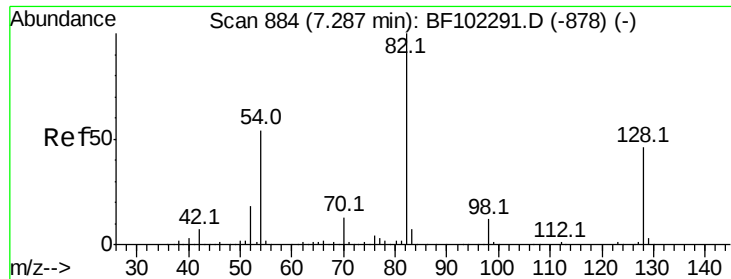
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

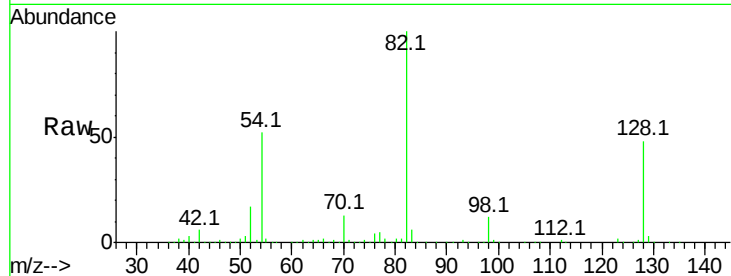




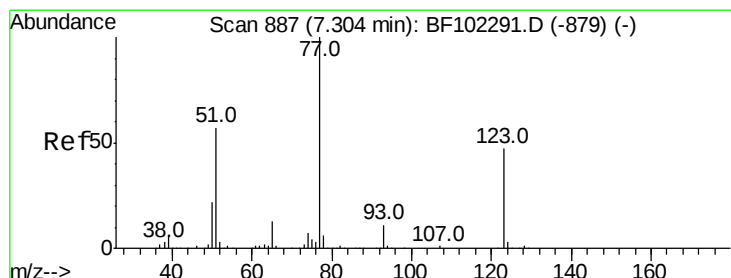
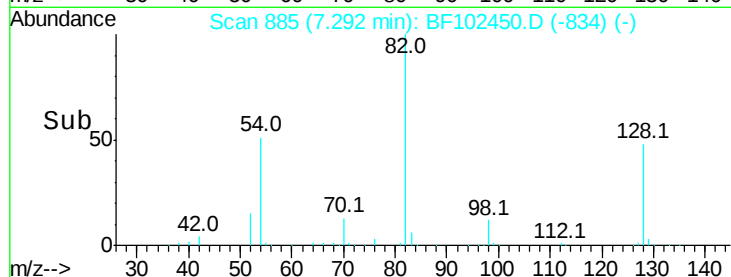
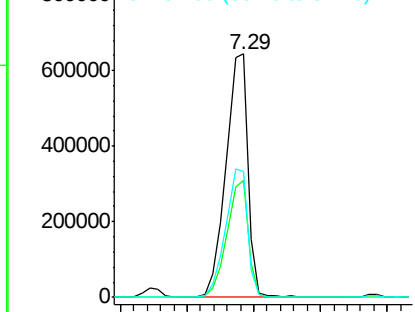
#23
 Nitrobenzene-d5
 Concen: 82.419 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	51.8	41.4	62.2

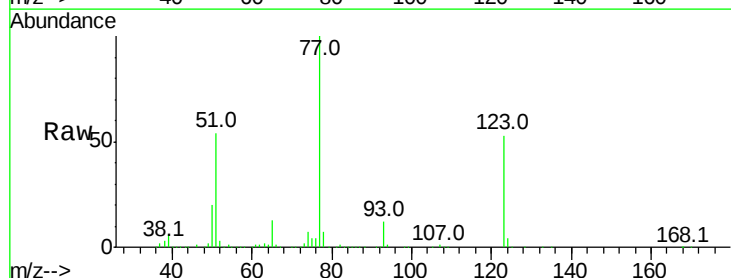


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

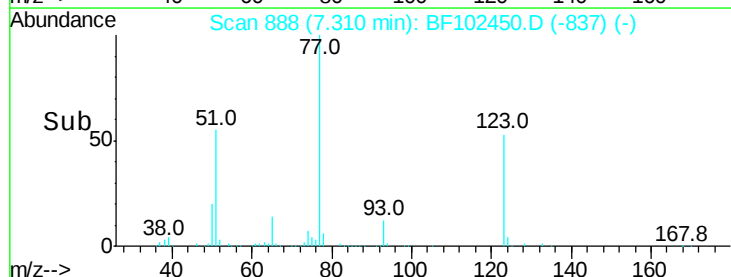
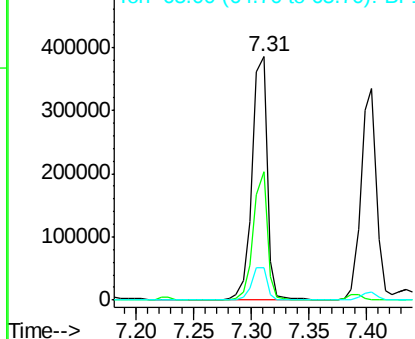


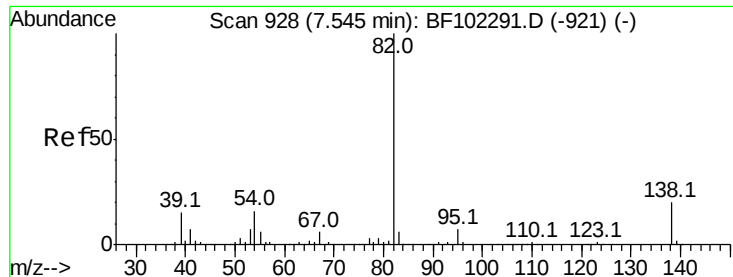
#24
 Nitrobenzene
 Concen: 37.483 ng
 RT: 7.31 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.9	37.9	56.9
65	13.5	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

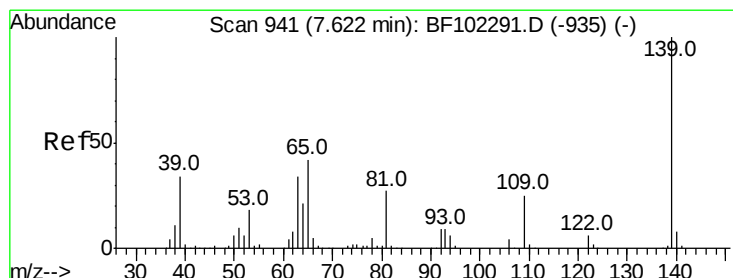
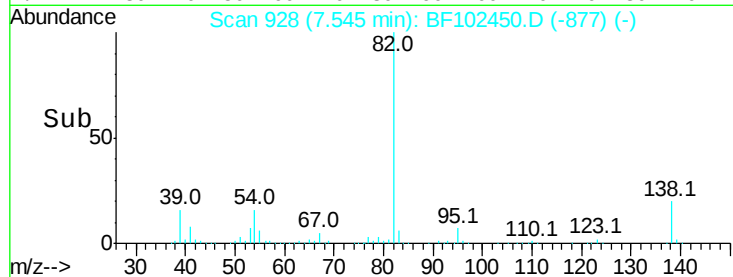
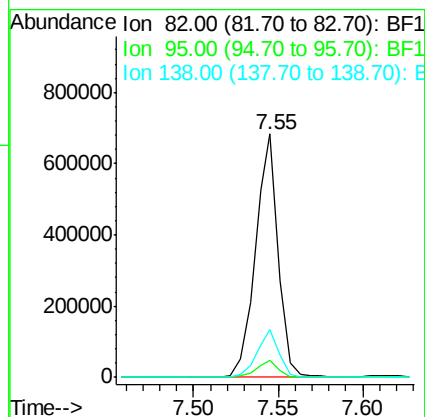
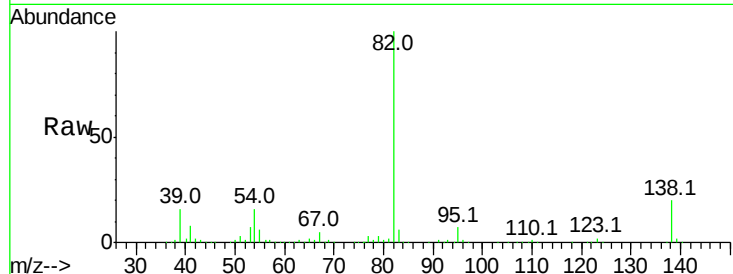




#25
Isophorone
Concen: 39.059 ng
RT: 7.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

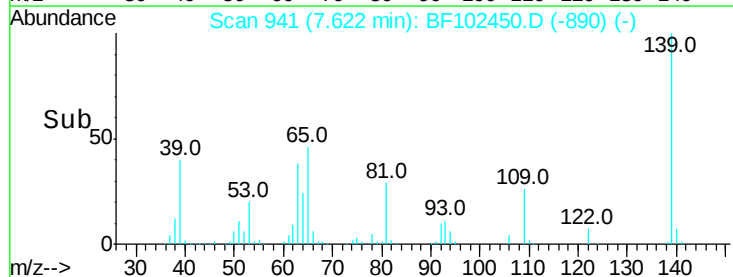
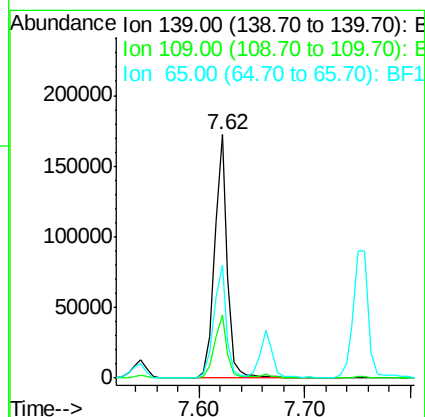
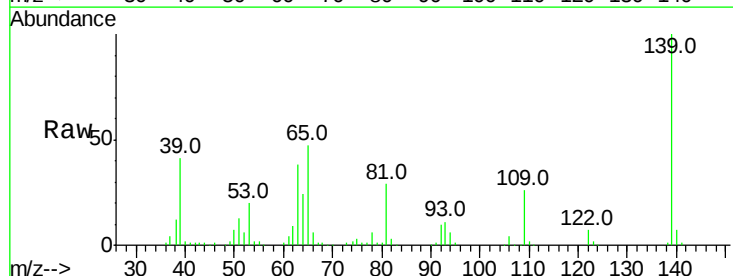
Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MS

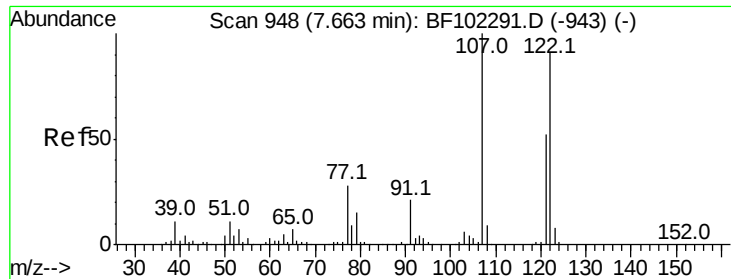
Tot Ion: 82 Resp: 639537
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 19.7 14.9 22.3



#26
2-Nitrophenol
Concen: 29.716 ng
RT: 7.62 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Tgt Ion: 139 Resp: 146997
Ion Ratio Lower Upper
139 100
109 26.0 22.7 34.1
65 46.5 40.5 60.7

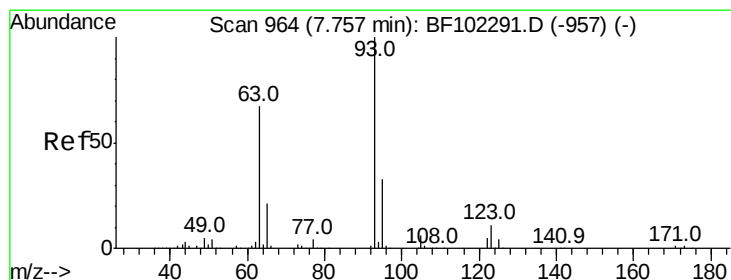
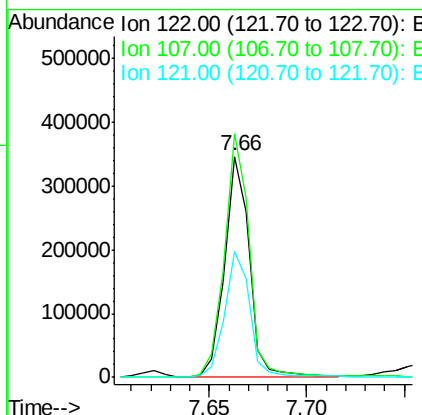
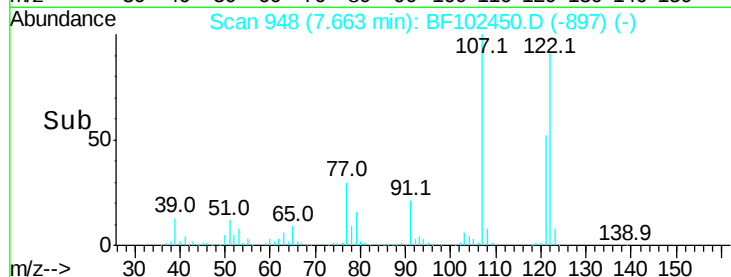
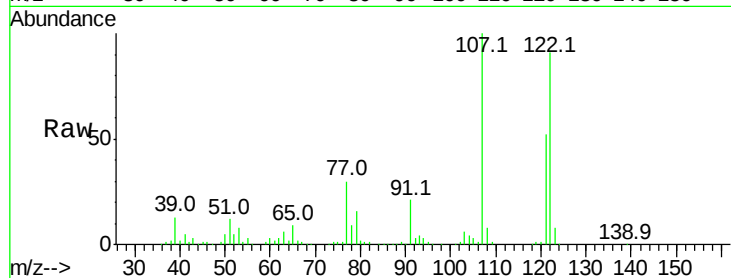




#27
2,4-Dimethylphenol
Concen: 42.426 ng
RT: 7.66 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

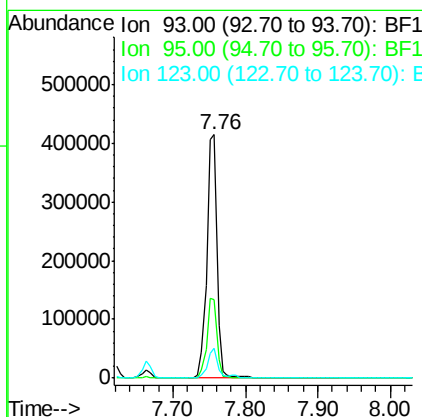
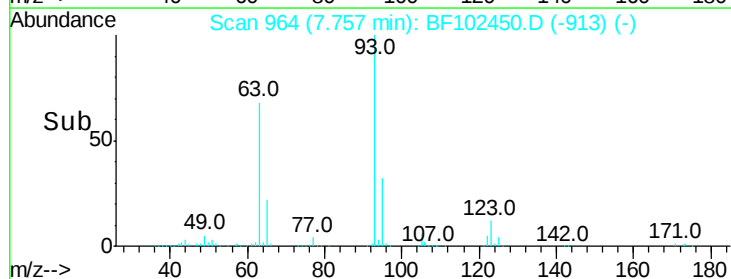
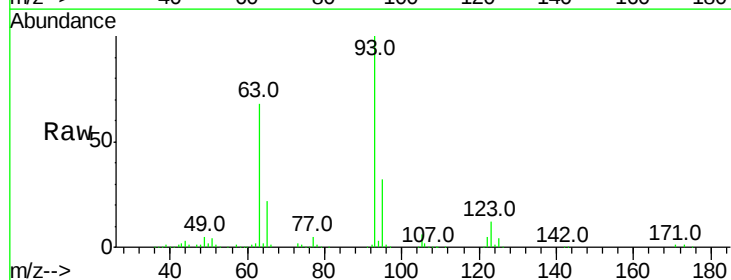
Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MS

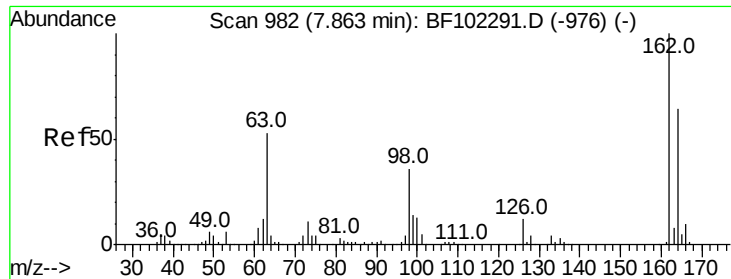
Tot Ion:122 Resp: 304747
Ion Ratio Lower Upper
122 100
107 110.3 91.2 136.8
121 57.3 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.662 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Tgt Ion: 93 Resp: 411273
Ion Ratio Lower Upper
93 100
95 32.4 26.3 39.5
123 12.0 9.8 14.6

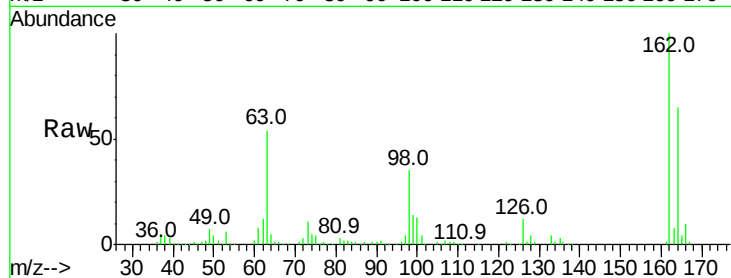




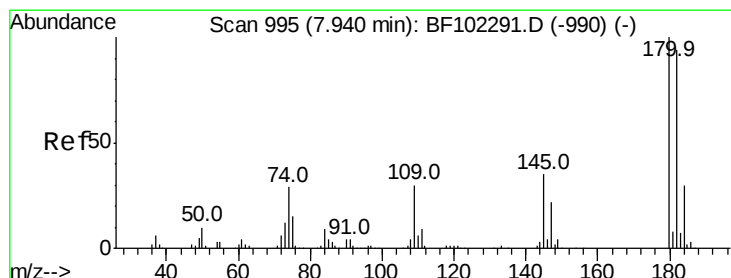
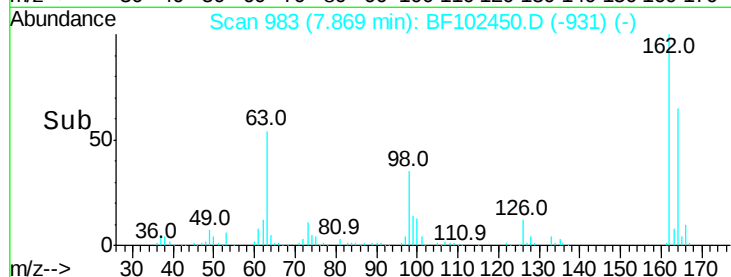
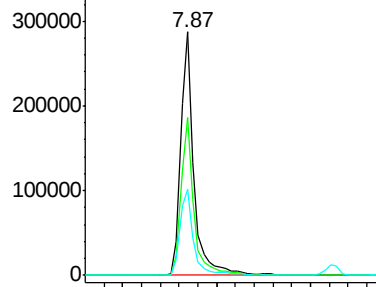
#29
2,4-Dichlorophenol
Concen: 38.931 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MS

Tot Ion:162 Resp: 284848
Ion Ratio Lower Upper
162 100
164 65.0 42.7 82.7
98 35.1 18.1 58.1

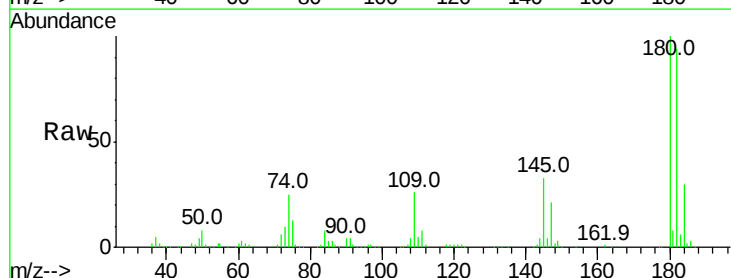


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

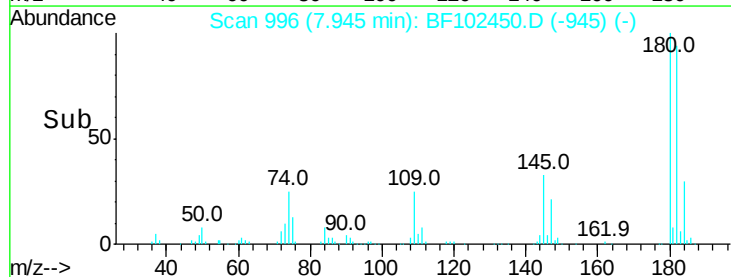
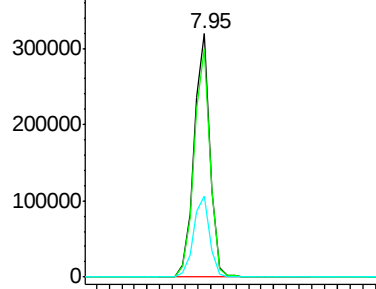


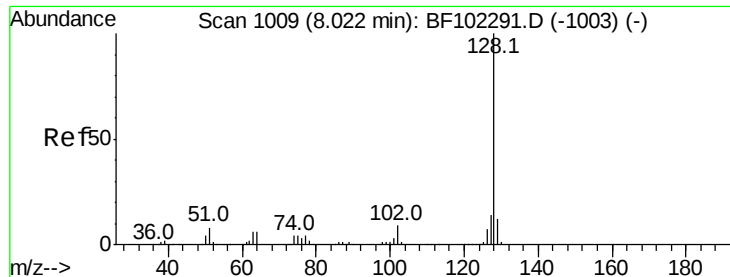
#30
1,2,4-Trichlorobenzene
Concen: 35.585 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Tgt Ion:180 Resp: 279103
Ion Ratio Lower Upper
180 100
182 93.6 76.8 115.2
145 33.2 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

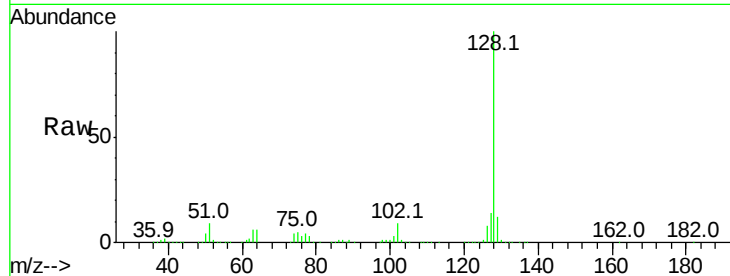




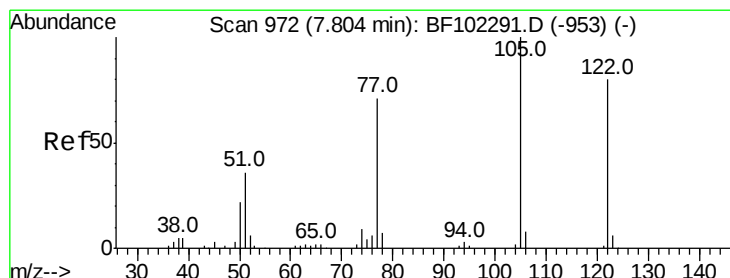
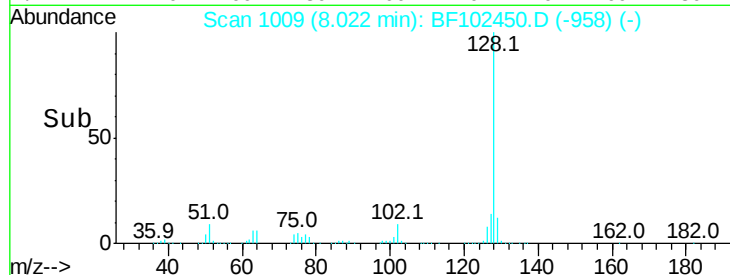
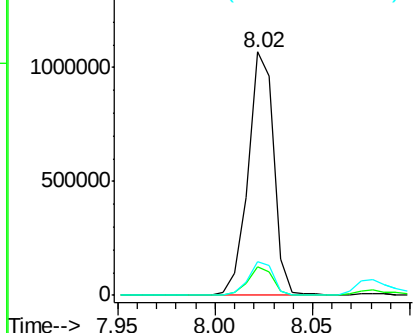
#31
Naphthalene
Concen: 36.991 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MS

Tot Ion:128 Resp: 974800
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.9 10.9 16.3

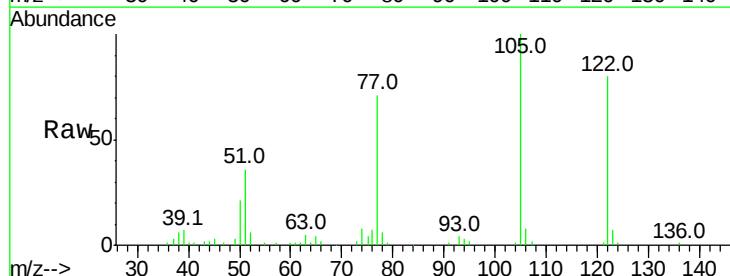


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

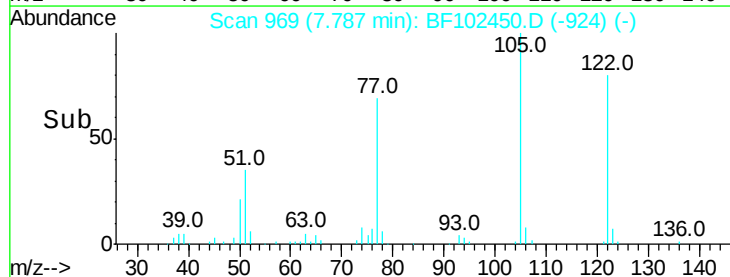
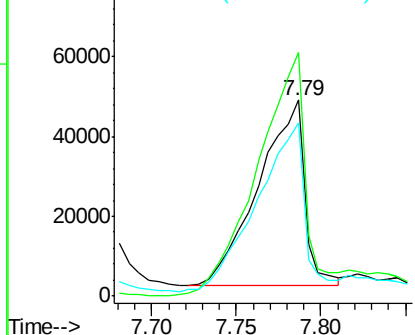


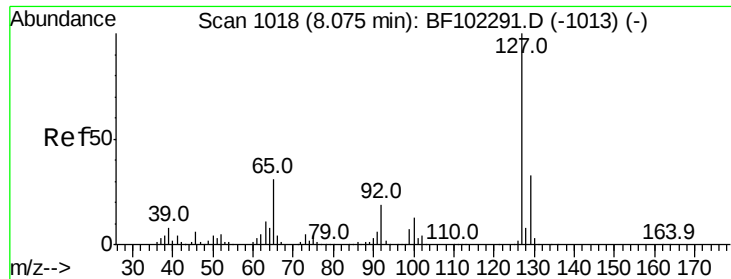
#32
Benzoic acid
Concen: 14.636 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.04 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Tgt Ion:122 Resp: 88080
Ion Ratio Lower Upper
122 100
105 124.3 101.1 141.1
77 88.5 70.7 110.7



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

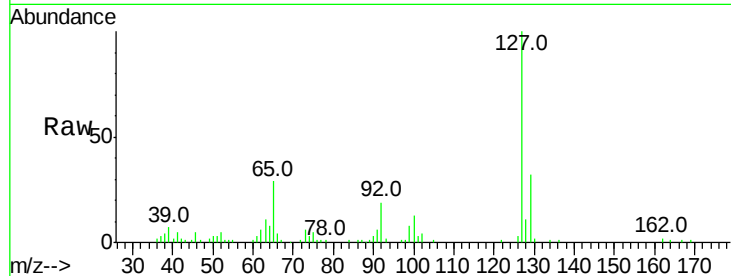




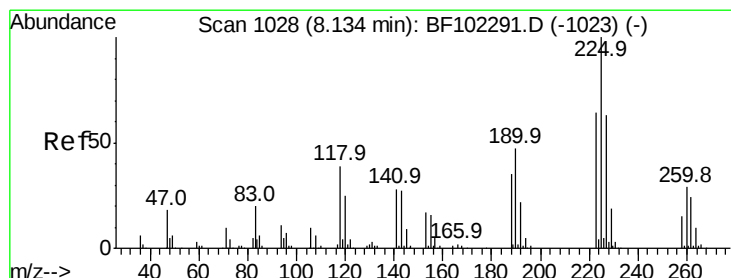
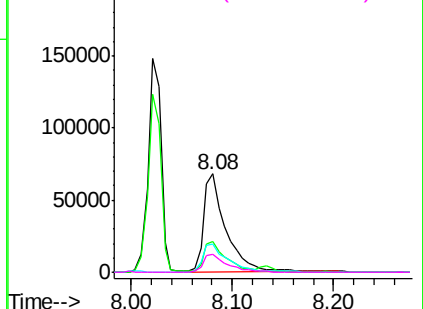
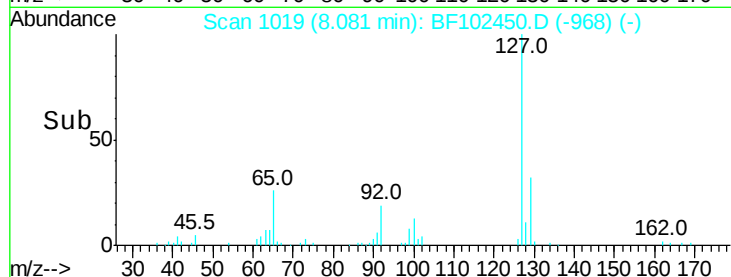
#33
4-Chloroaniline
Concen: 9.281 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MS

Tot Ion:	127	Resp:	102841
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	29.2	25.0	37.4
92	18.5	15.2	22.8

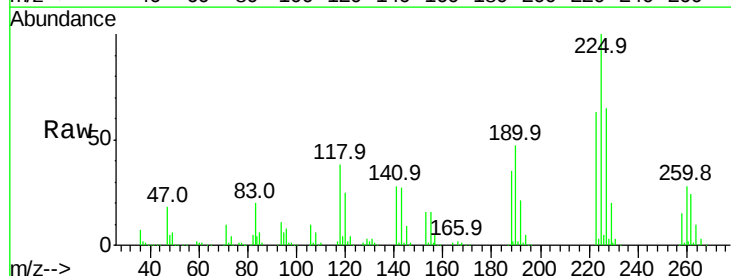


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

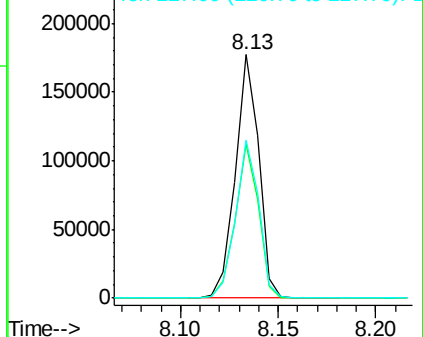
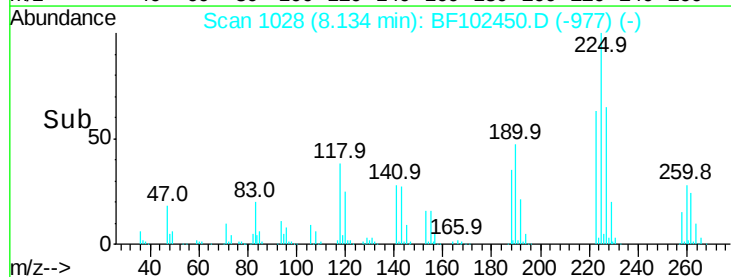


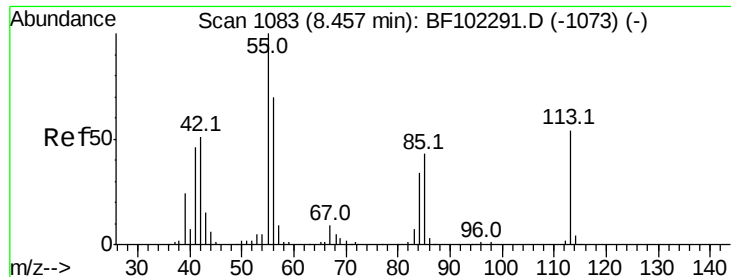
#34
Hexachlorobutadiene
Concen: 35.161 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Tgt Ion:	225	Resp:	147290
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.9	51.9	77.9



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

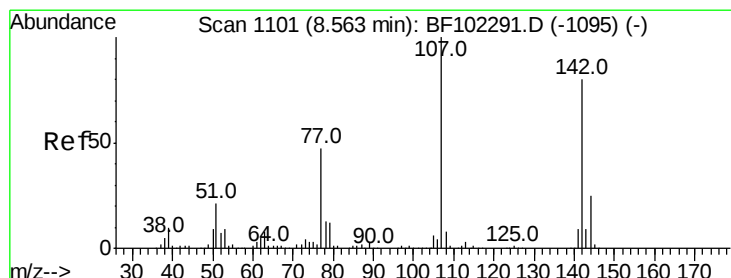
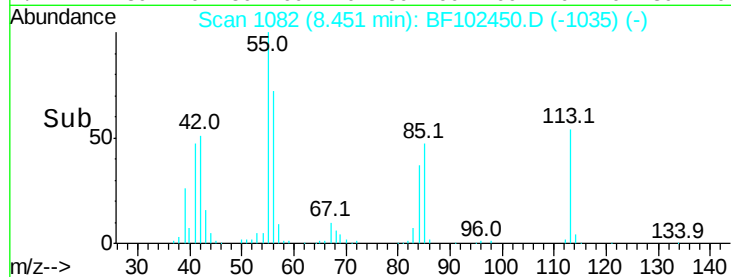
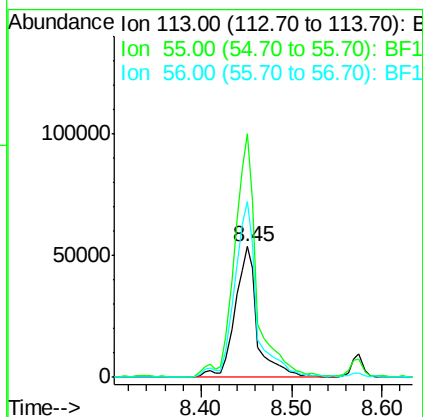
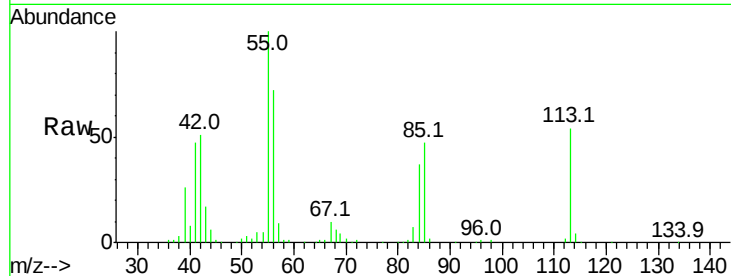




#35
 Caprolactam
 Concen: 38.512 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

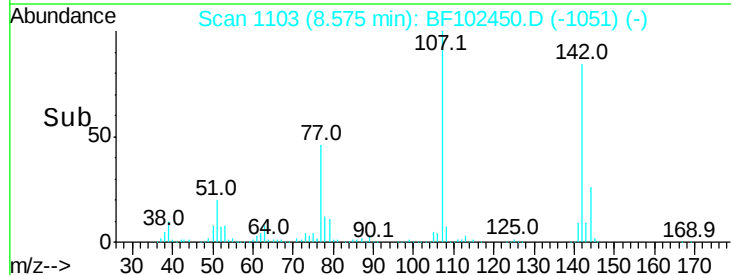
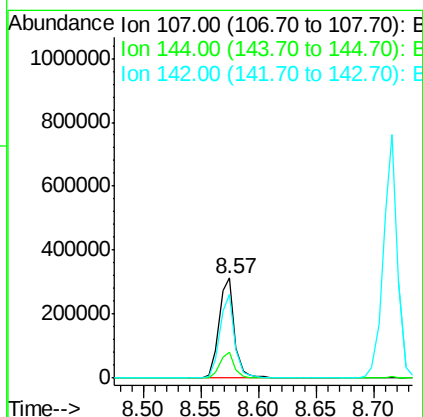
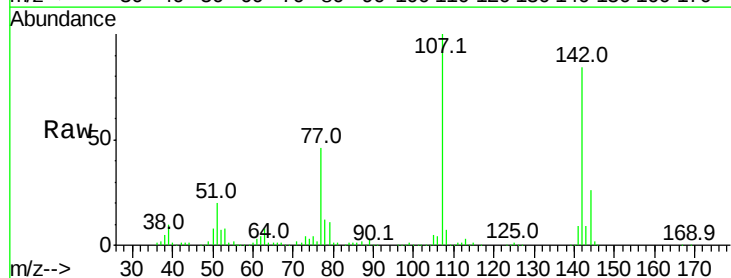
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MS

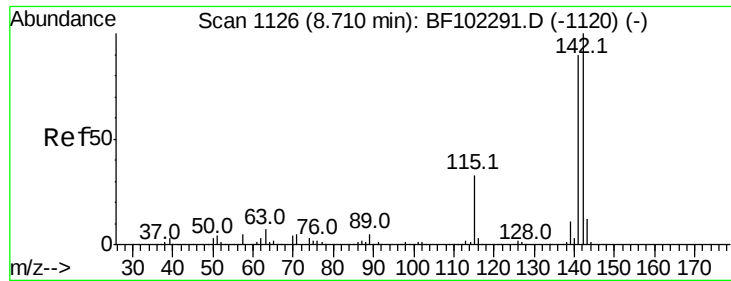
Tot Ion:113 Resp: 93062
 Ion Ratio Lower Upper
 113 100
 55 186.2 163.3 203.3
 56 134.5 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.813 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Tgt Ion:107 Resp: 291630
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 83.9 62.0 93.0

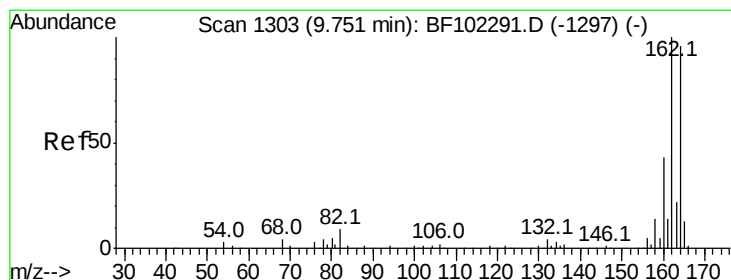
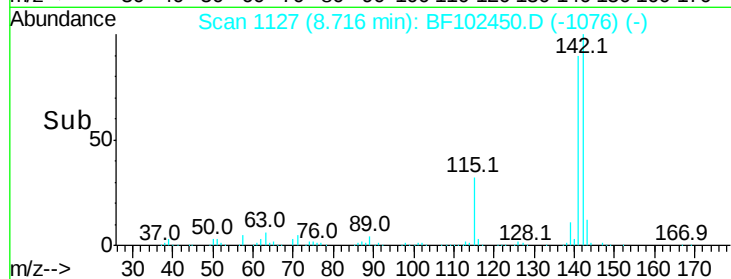
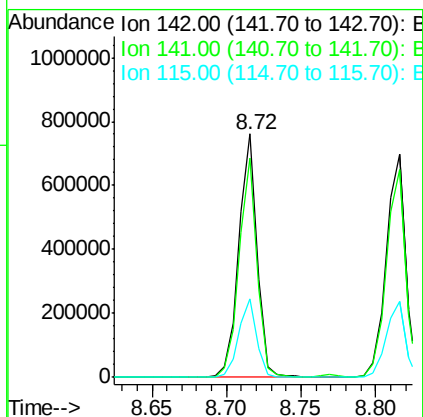
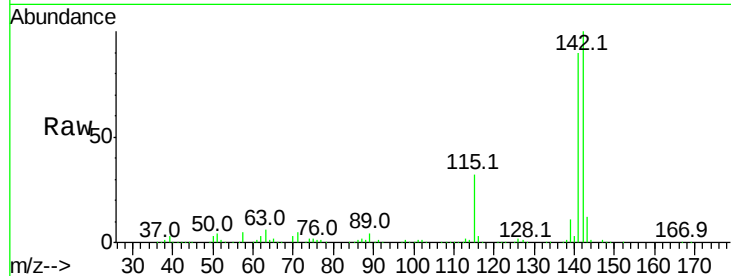




#37
2-Methylnaphthalene
Concen: 37.184 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

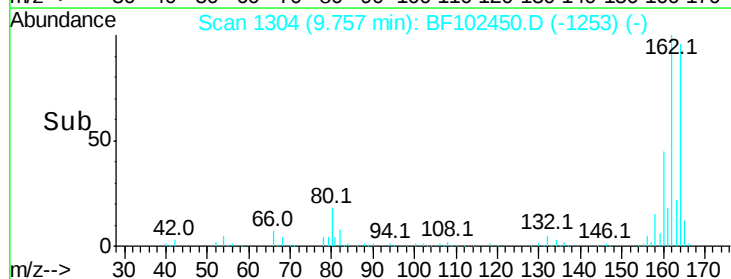
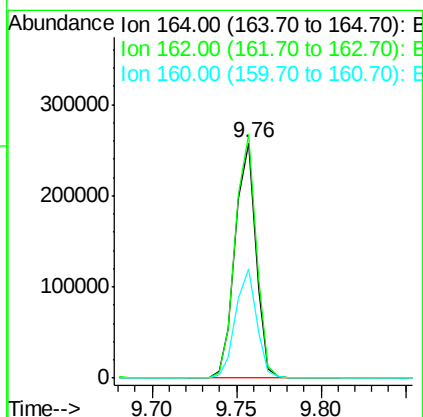
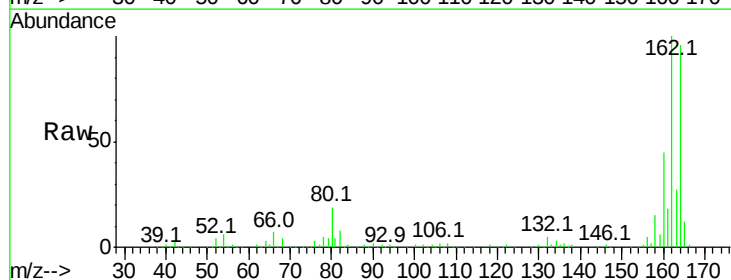
Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MS

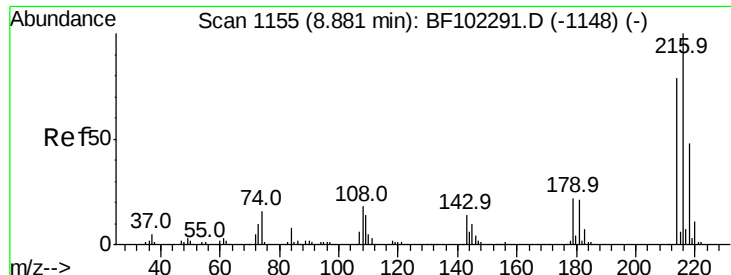
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	32.3	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	46.3	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.406 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

Tot Ion:216 Resp: 255182

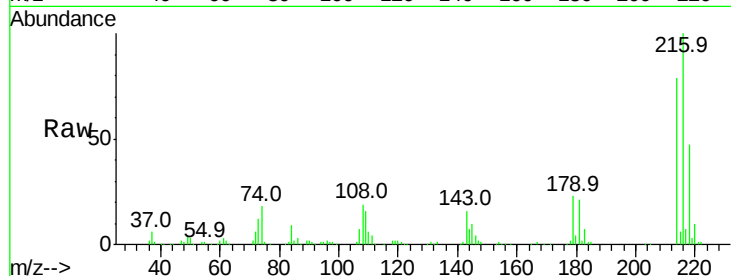
Ion Ratio Lower Upper

216 100

214 78.9 63.0 94.4

179 22.4 18.1 27.1

108 19.8 17.2 25.8

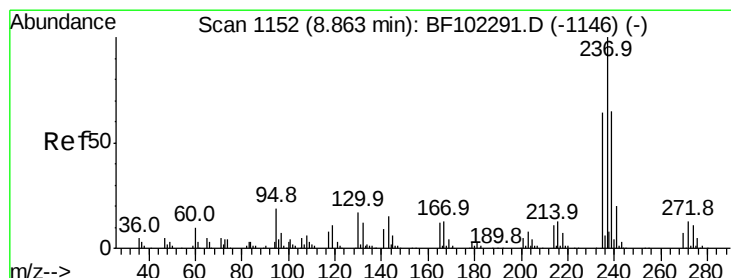
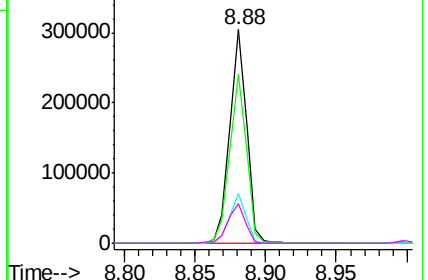
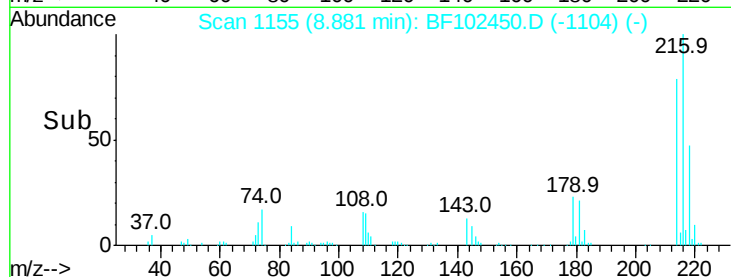


Abundance Ion 216.00 (215.70 to 216.70): E

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: 10.359 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

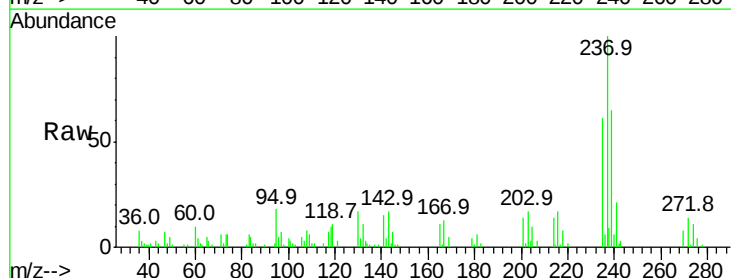
Tgt Ion:237 Resp: 30802

Ion Ratio Lower Upper

237 100

235 61.5 44.8 84.8

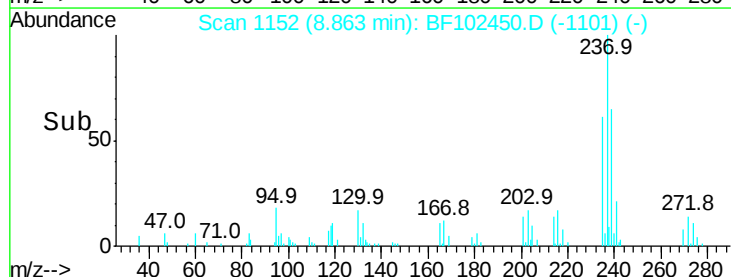
272 14.0 0.0 33.3



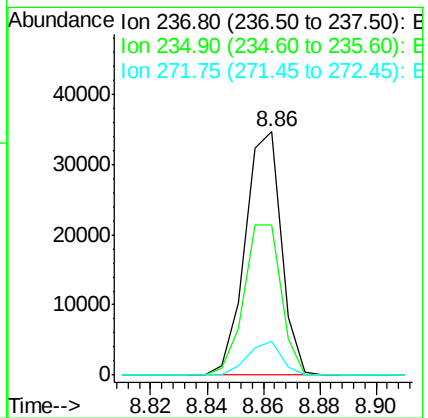
Abundance Ion 236.80 (236.50 to 237.50): E

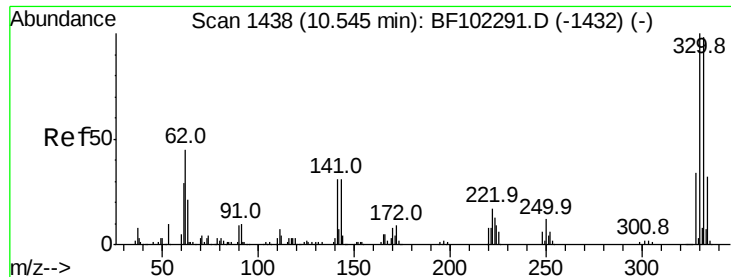
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





#41

2,4,6-Tribromophenol

Concen: 93.127 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

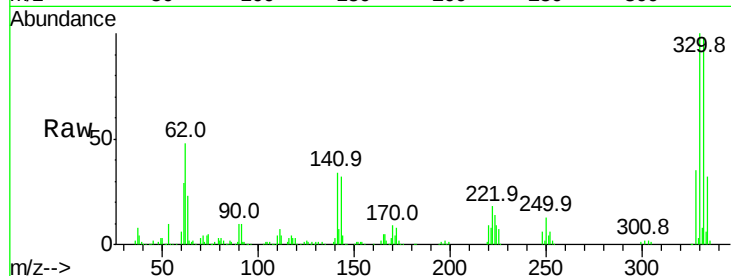
Tot Ion:330 Resp: 203784

Ion Ratio Lower Upper

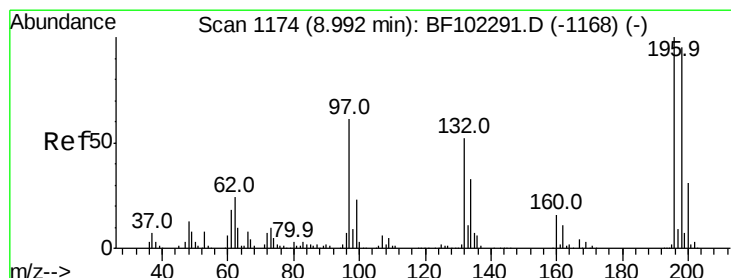
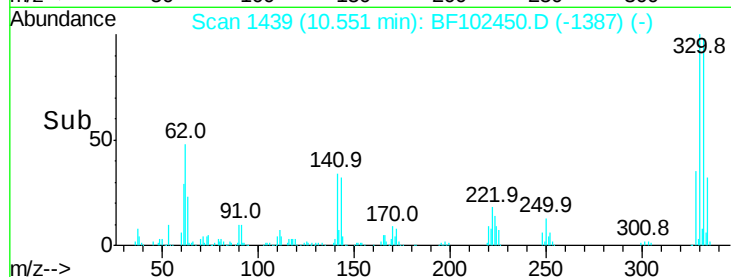
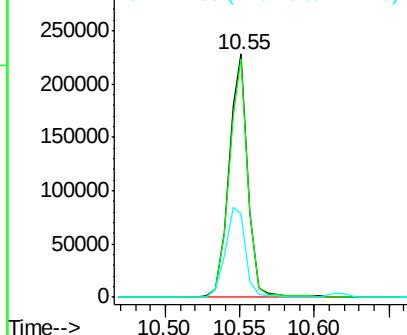
330 100

332 97.3 77.0 115.6

141 40.1 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: 37.945 ng

RT: 9.00 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

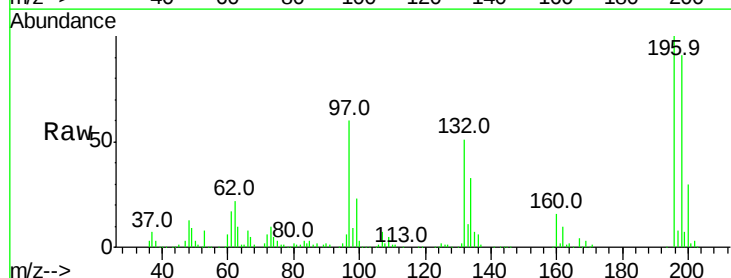
Tgt Ion:196 Resp: 168773

Ion Ratio Lower Upper

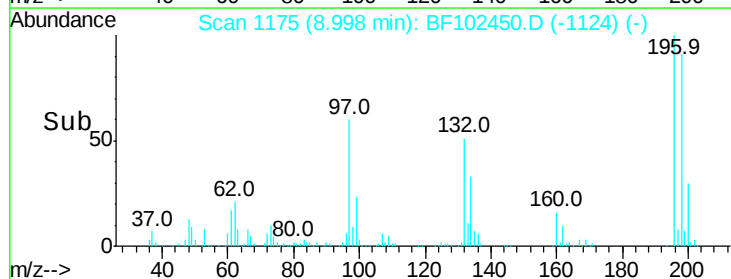
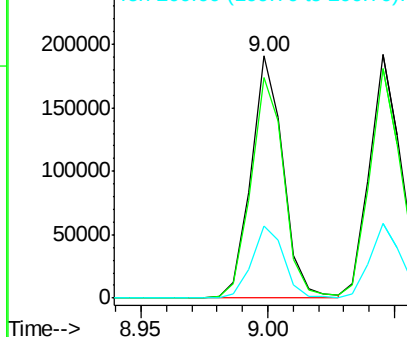
196 100

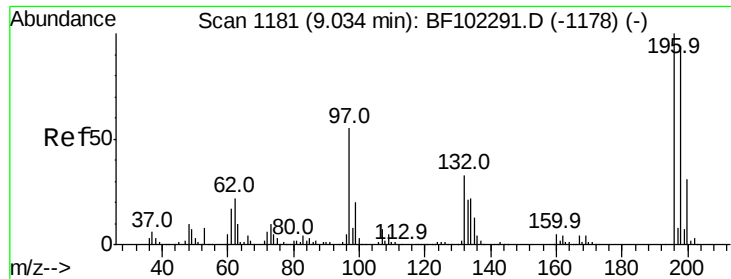
198 91.2 75.7 113.5

200 29.5 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

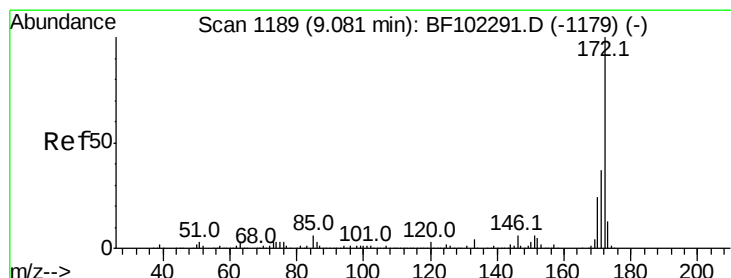
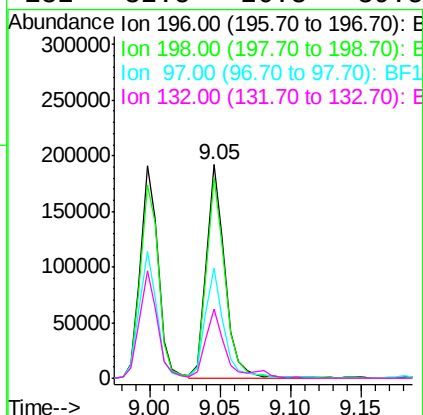
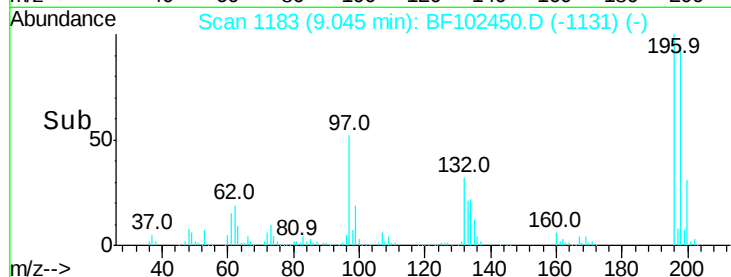
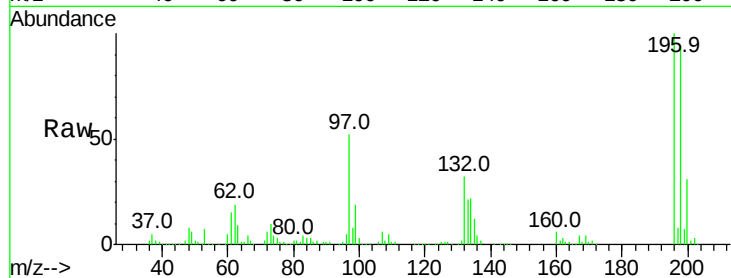




#43
 2,4,5-Trichlorophenol
 Concen: 34.972 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

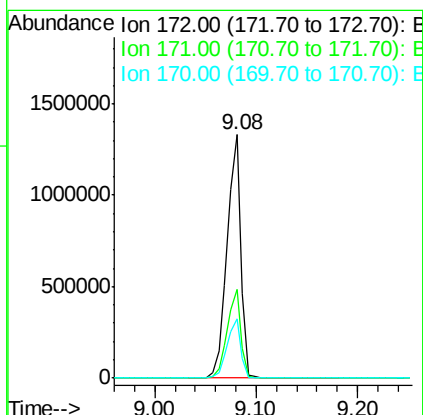
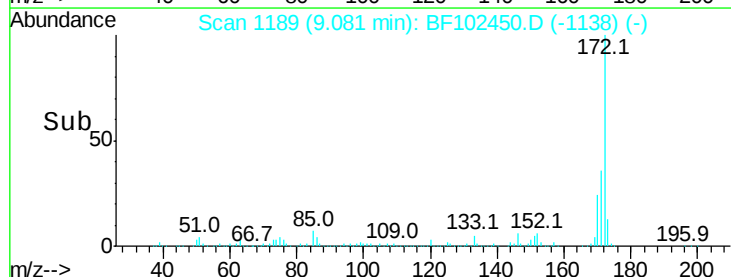
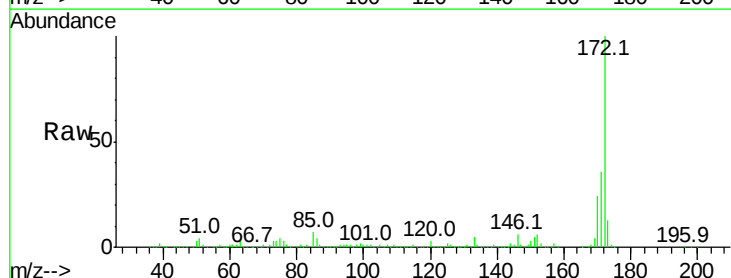
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MS

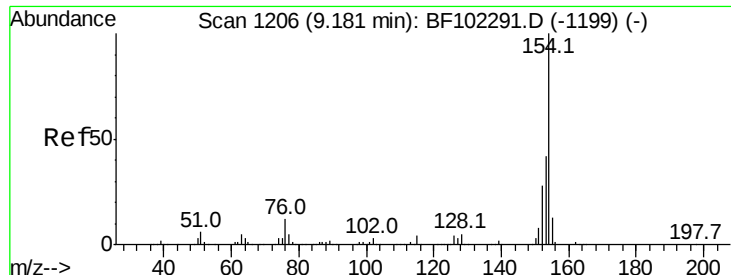
Tot Ion:	196	Resp:	175140
Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.6	112.0
97	51.8	42.9	64.3
132	32.5	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 83.632 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Tgt Ion:	172	Resp:	1256137
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4

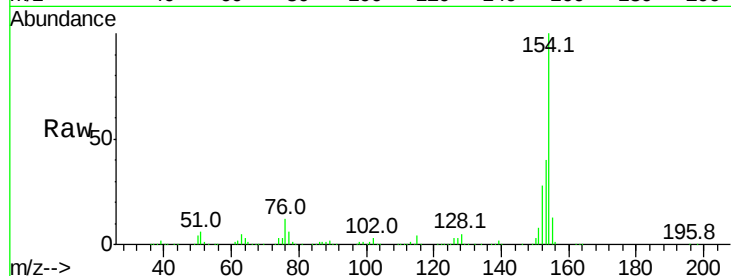




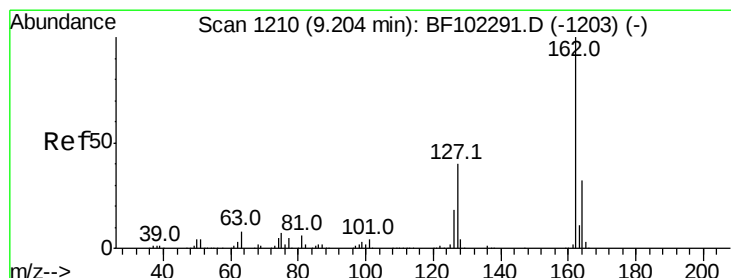
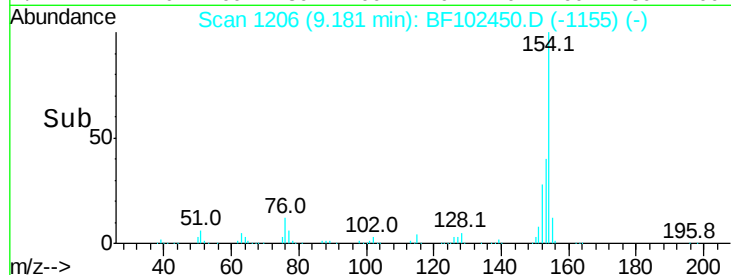
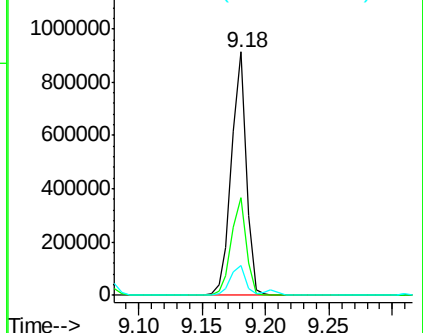
#45
 1,1'-Biphenyl
 Concen: 37.581 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.3	61.3
76	12.1	0.0	34.0

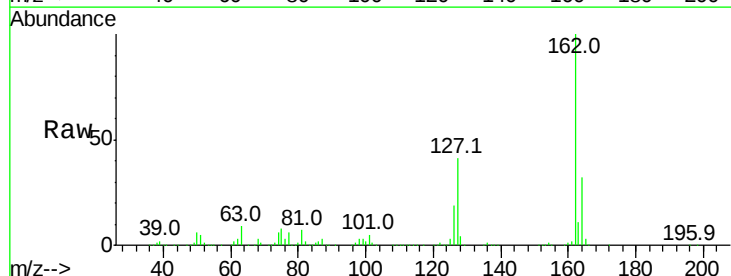


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

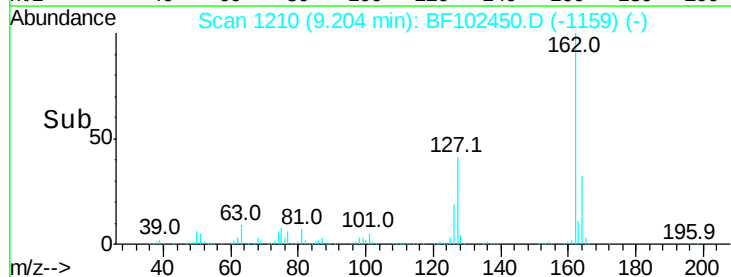
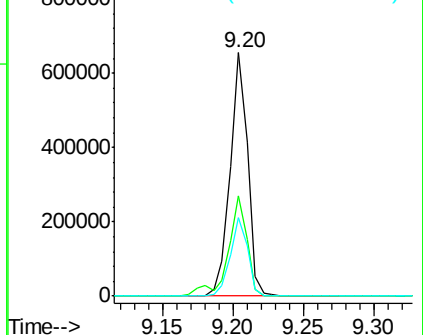


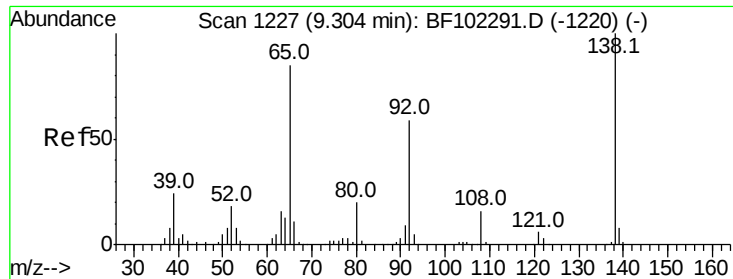
#46
 2-Chloronaphthalene
 Concen: 36.914 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.9	50.9
164	32.1	26.5	39.7



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

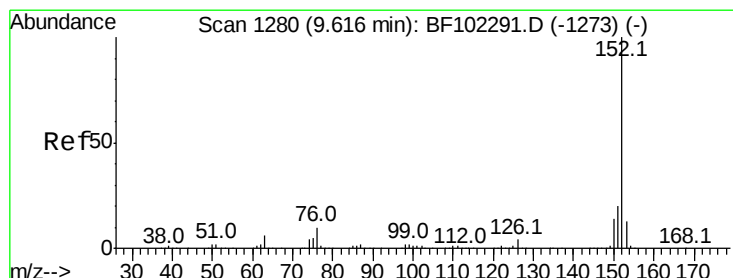
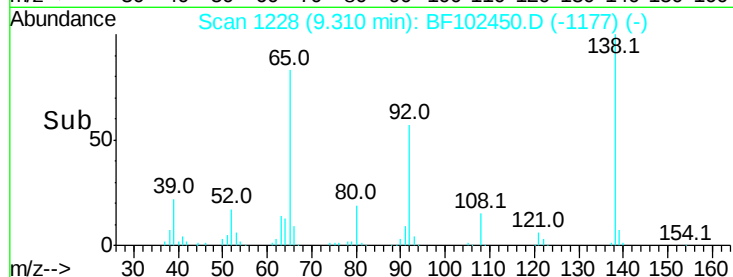
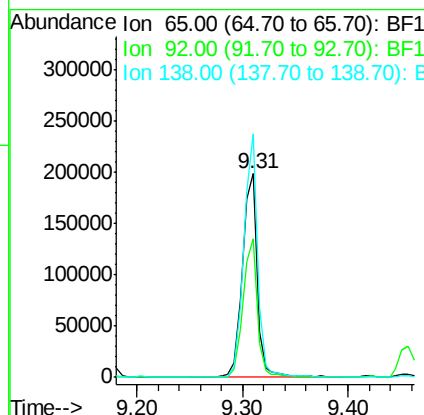
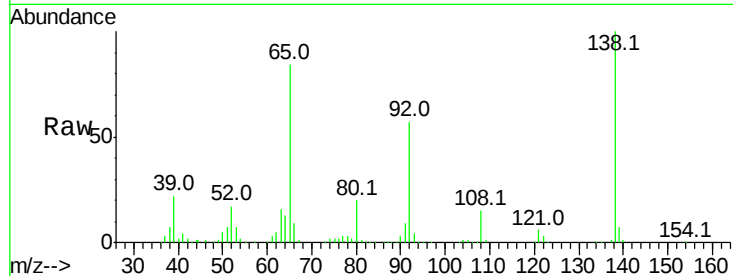




#47
2-Nitroaniline
Concen: 39.808 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

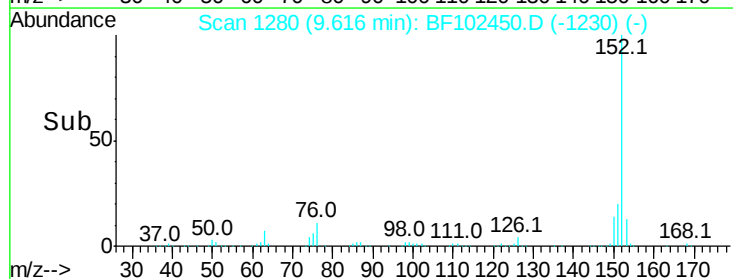
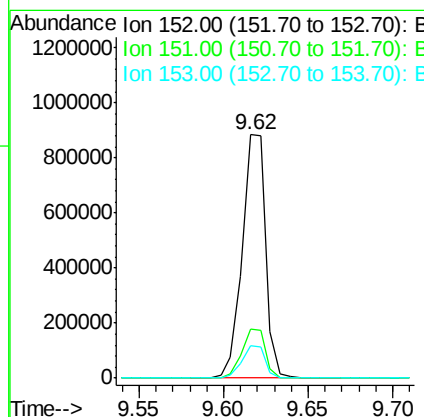
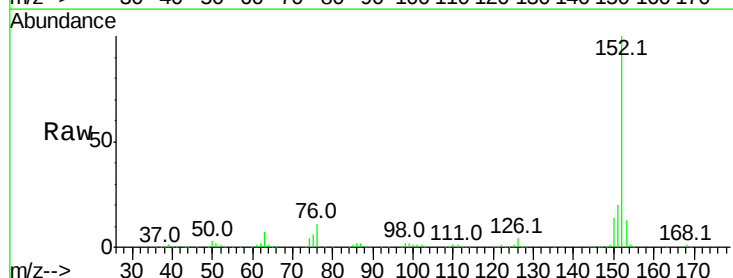
Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MS

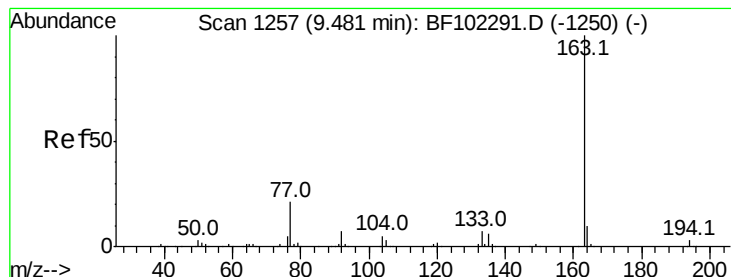
Tot Ion: 65 Resp: 190491
Ion Ratio Lower Upper
65 100
92 67.9 55.8 83.6
138 119.7 91.2 136.8



#48
Acenaphthylene
Concen: 35.659 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Tgt Ion: 152 Resp: 852717
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 44.680 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

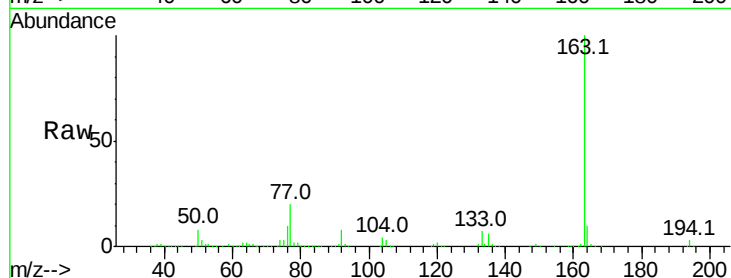
Tot Ion:163 Resp: 815598

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

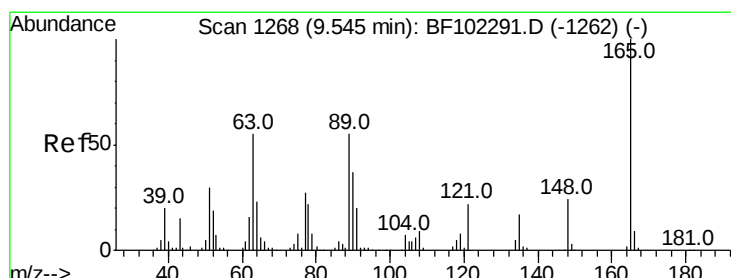
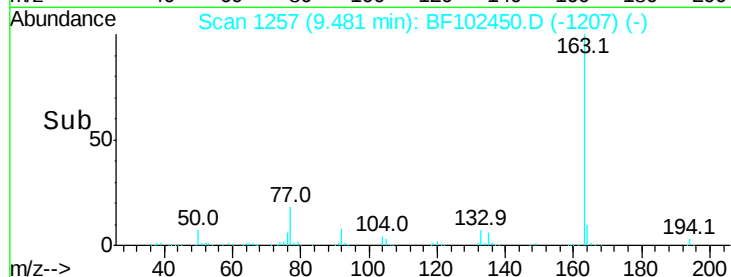
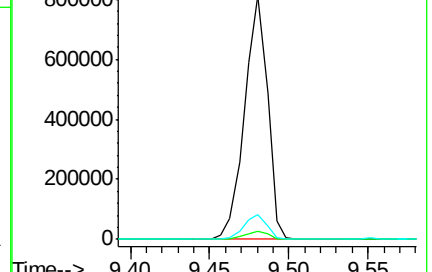
164 10.4 8.2 12.2



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: 33.878 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

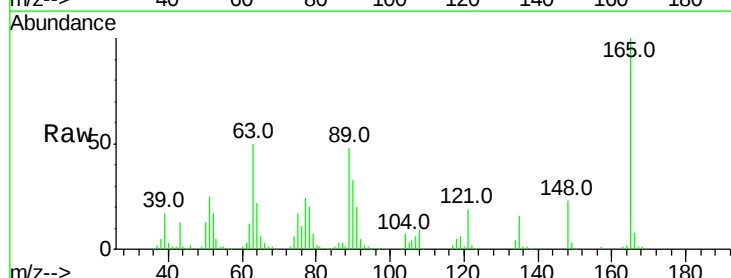
Tgt Ion:165 Resp: 133331

Ion Ratio Lower Upper

165 100

63 49.7 44.7 67.1

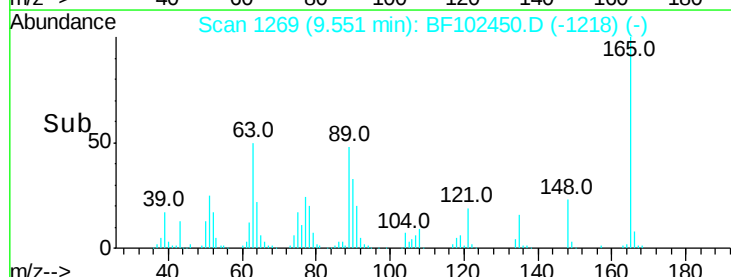
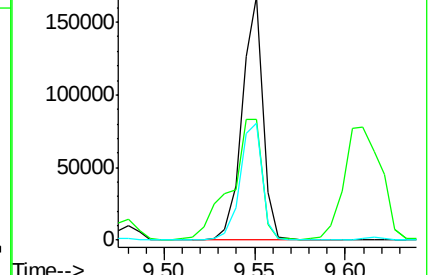
89 48.2 44.0 66.0

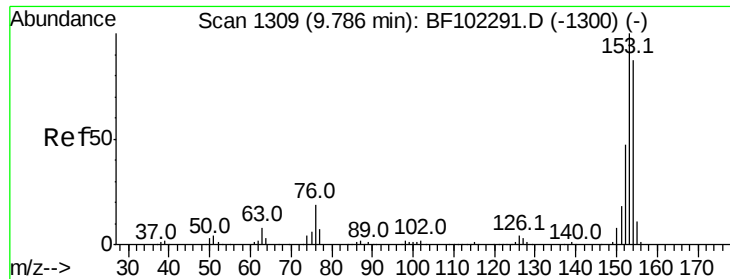


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.526 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

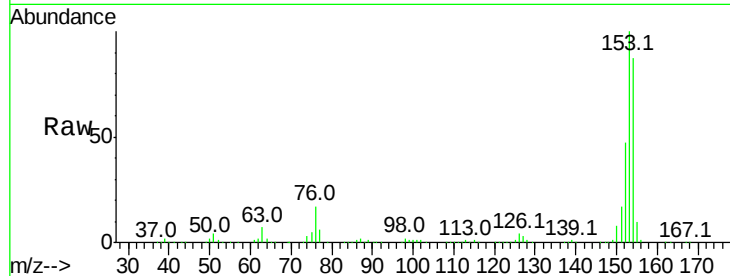
Tot Ion:154 Resp: 496147

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

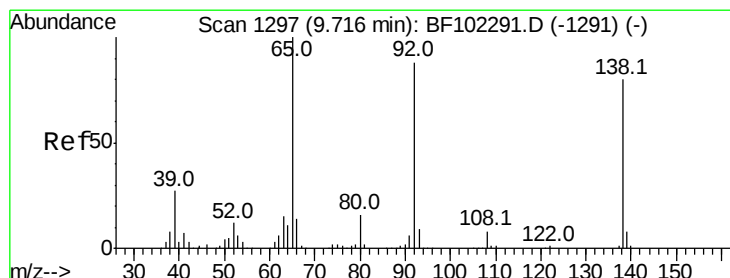
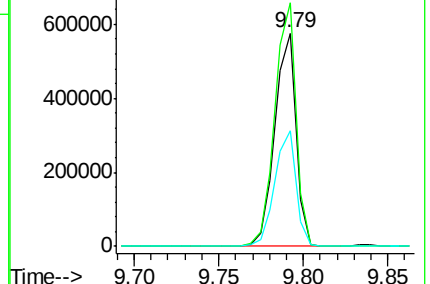
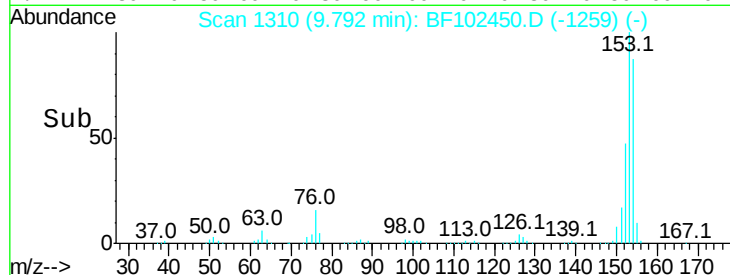
152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.969 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

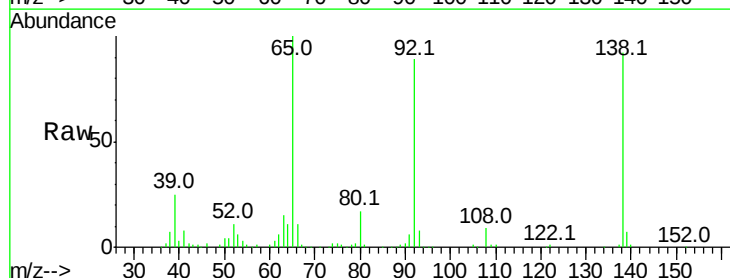
Tgt Ion:138 Resp: 125560

Ion Ratio Lower Upper

138 100

108 9.6 9.4 14.0

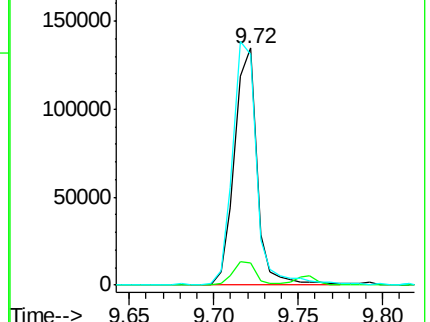
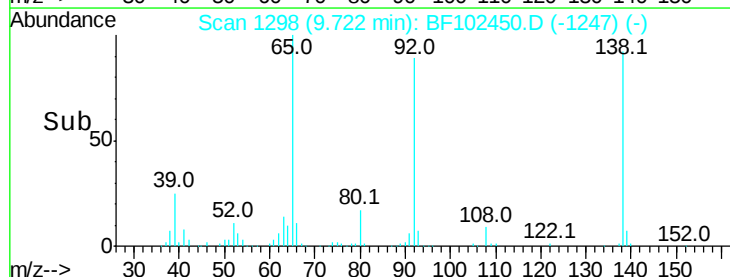
92 97.6 89.4 134.2

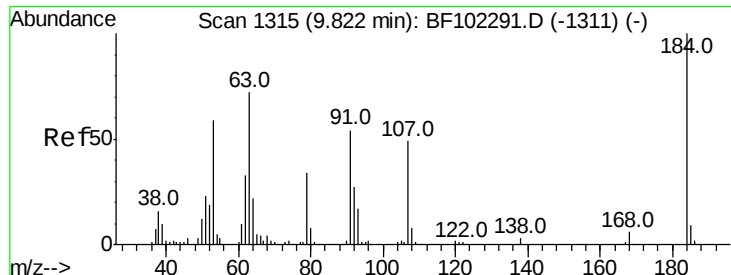


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

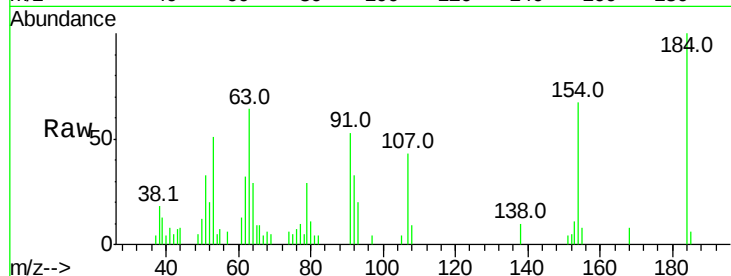




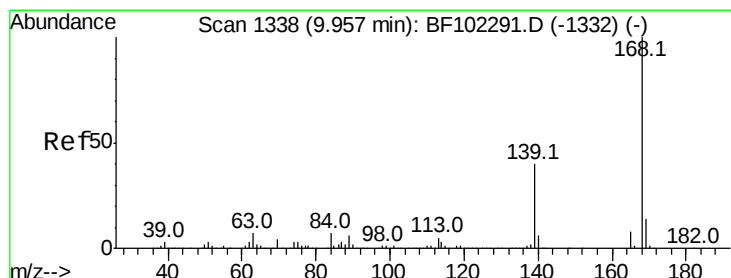
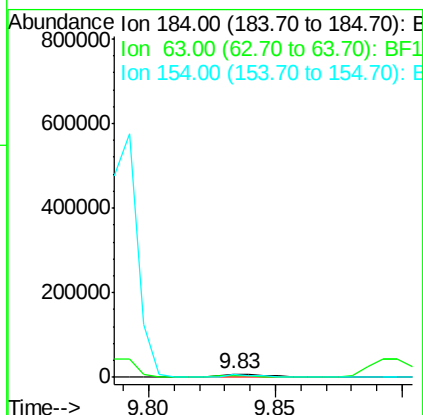
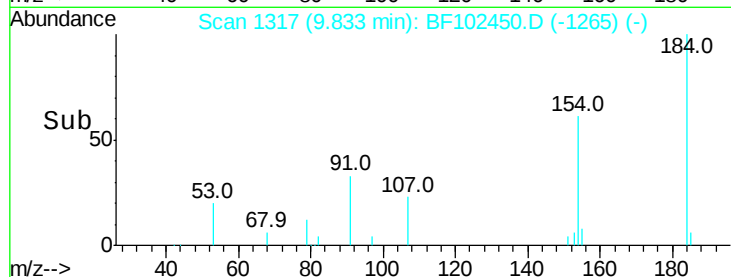
#53
 2,4-Dinitrophenol
 Concen: 9.227 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MS

Tot Ion:184 Resp: 10241
 Ion Ratio Lower Upper
 184 100
 63 64.4 54.2 81.2
 154 67.2 184.0 276.0#

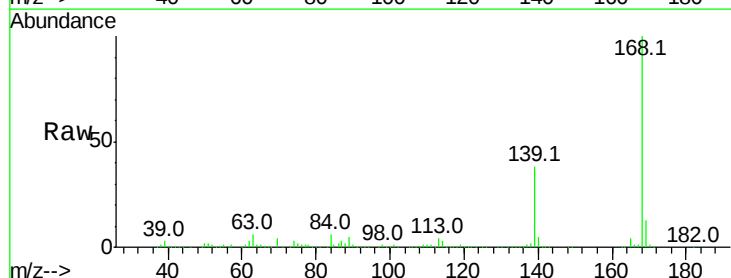


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

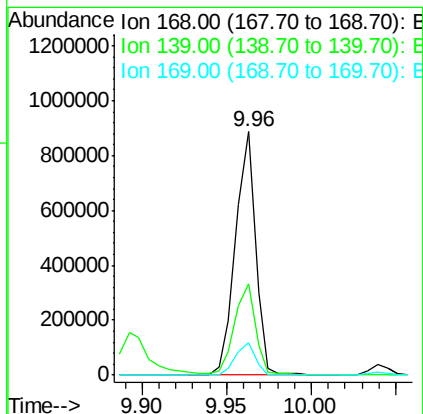
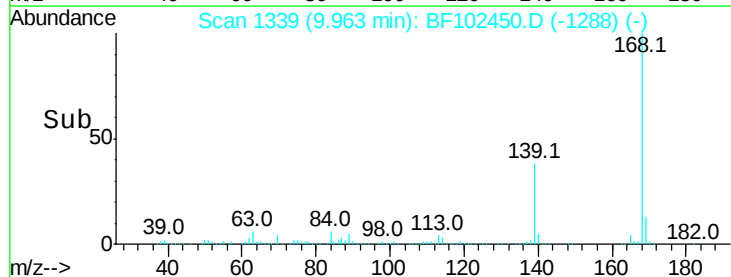


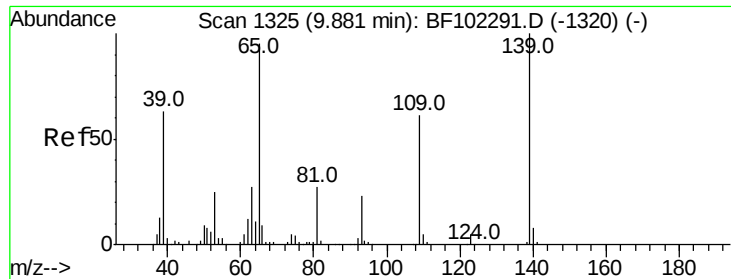
#54
 Dibenzofuran
 Concen: 38.954 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Tgt Ion:168 Resp: 736267
 Ion Ratio Lower Upper
 168 100
 139 37.7 30.1 45.1
 169 13.4 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: 61.142 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

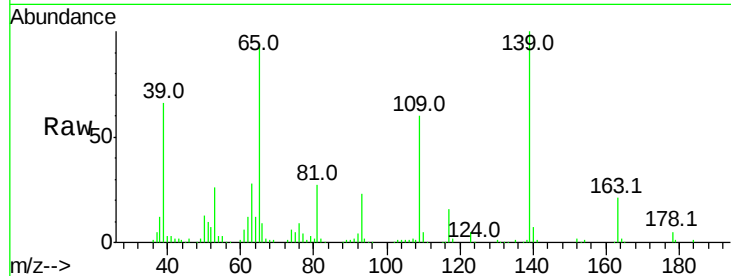
Tot Ion:139 Resp: 187904

Ion Ratio Lower Upper

139 100

109 59.8 48.4 88.4

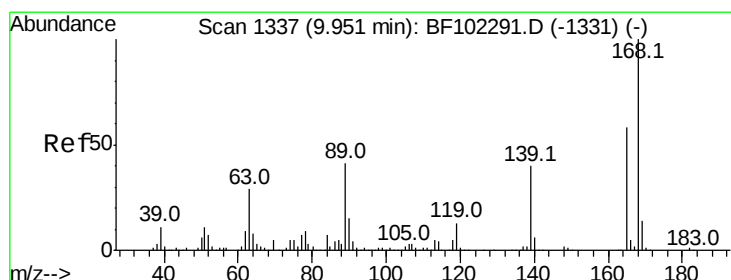
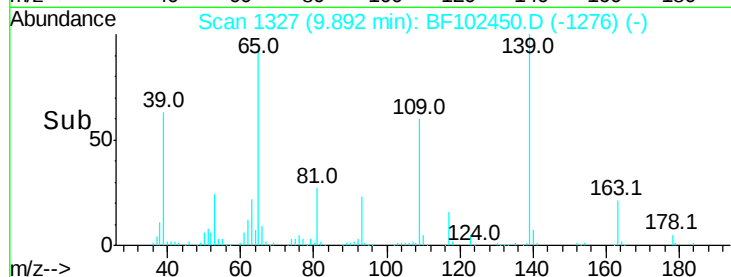
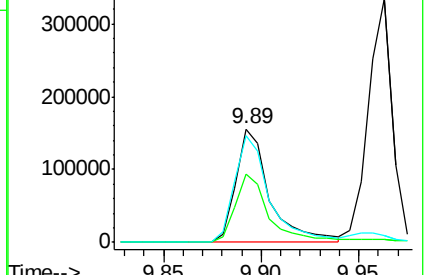
65 93.8 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 32.370 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Tgt Ion:165 Resp: 156662

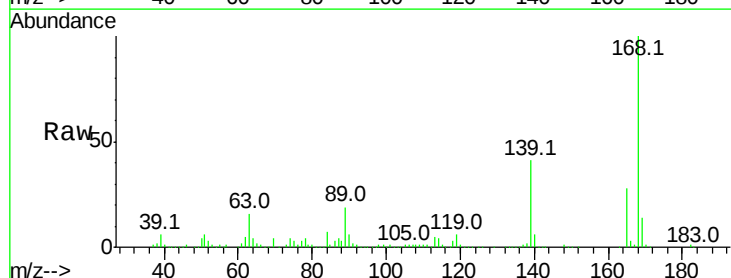
Ion Ratio Lower Upper

165 100

63 56.7 36.4 54.6#

89 68.2 57.8 86.6

182 2.2 1.6 2.4

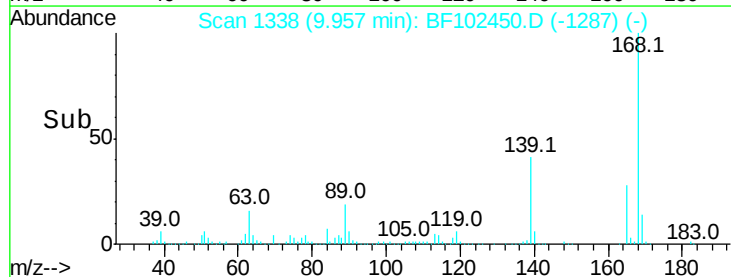
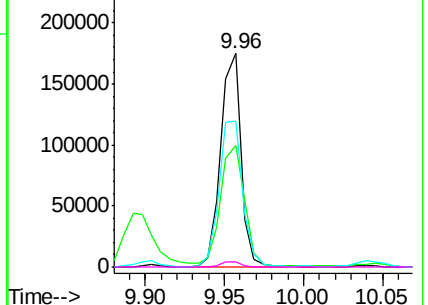


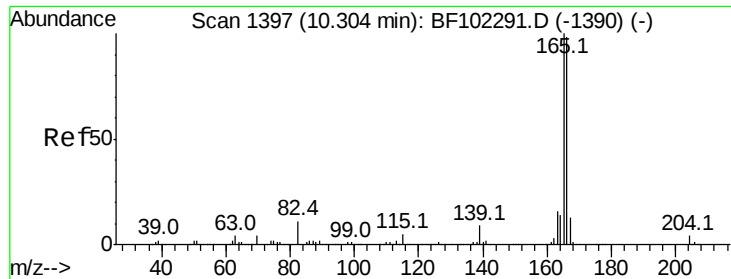
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.484 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

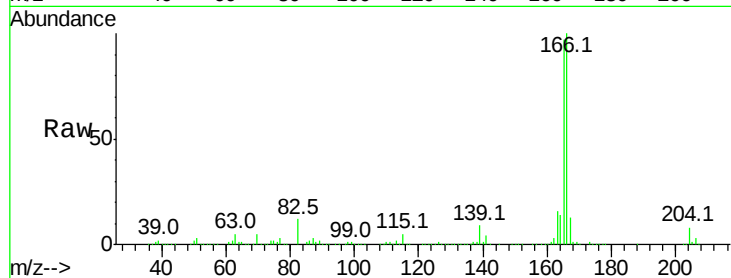
Tot Ion:166 Resp: 561398

Ion Ratio Lower Upper

166 100

165 97.4 79.8 119.8

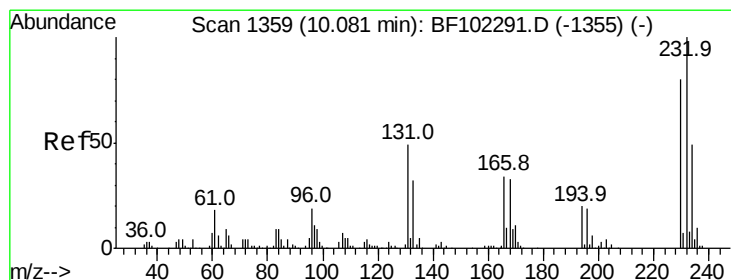
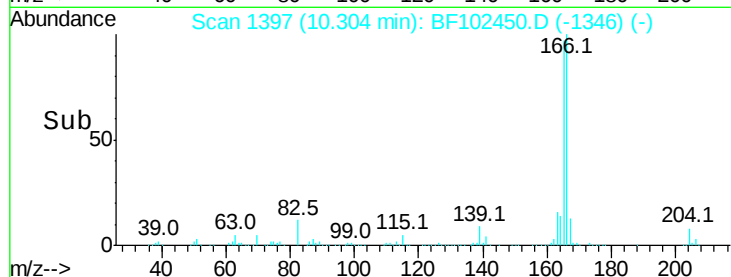
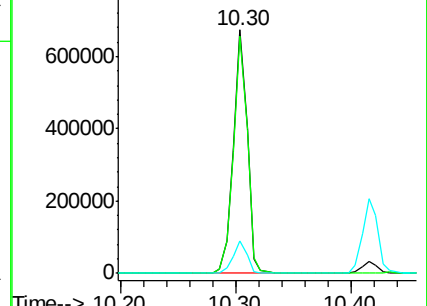
167 13.3 10.6 16.0



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: 34.232 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Tgt Ion:232 Resp: 122402

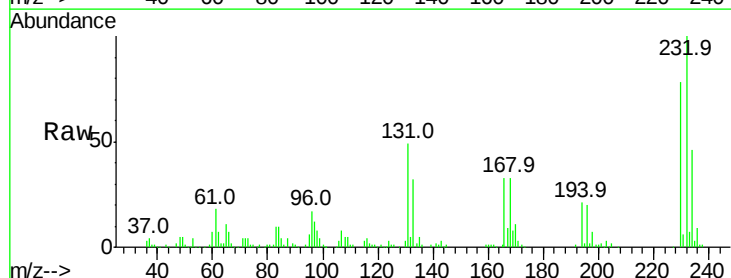
Ion Ratio Lower Upper

232 100

131 52.2 43.8 65.8

130 2.7 2.1 3.1

166 34.6 27.8 41.6

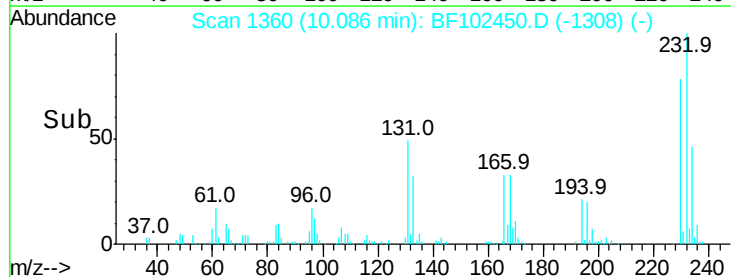
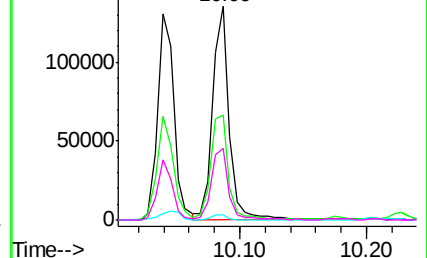


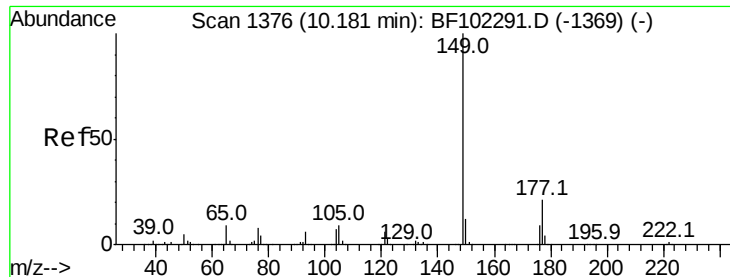
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

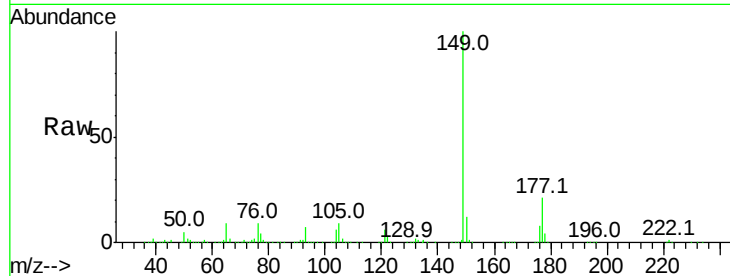




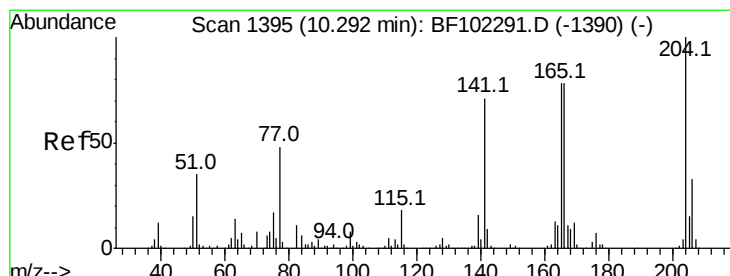
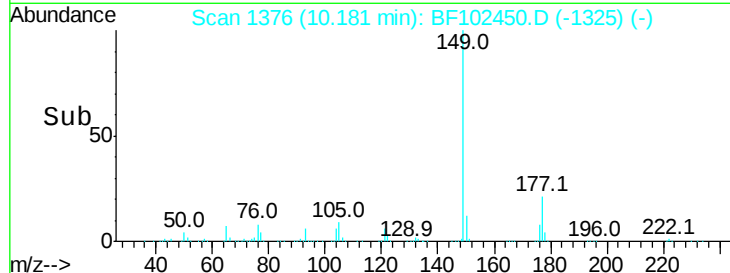
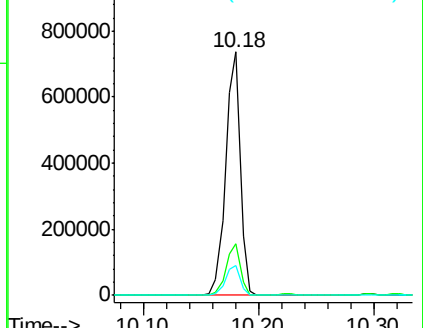
#59
Diethylphthalate
Concen: 36.354 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MS

Tot Ion:149 Resp: 644868
Ion Ratio Lower Upper
149 100
177 21.1 16.1 24.1
150 12.2 10.1 15.1

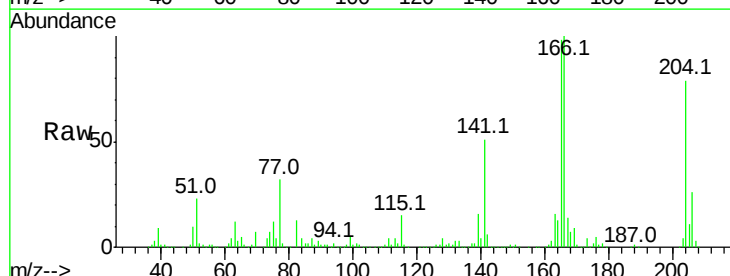


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

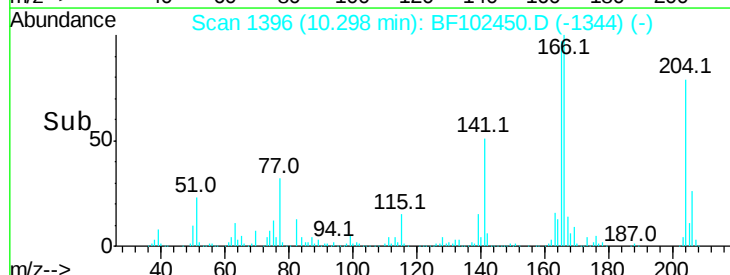
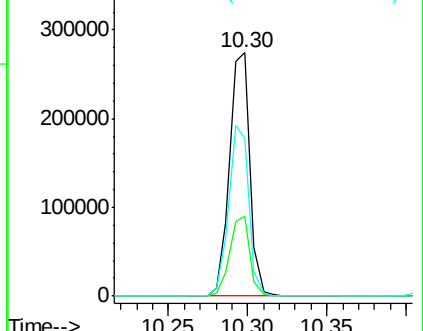


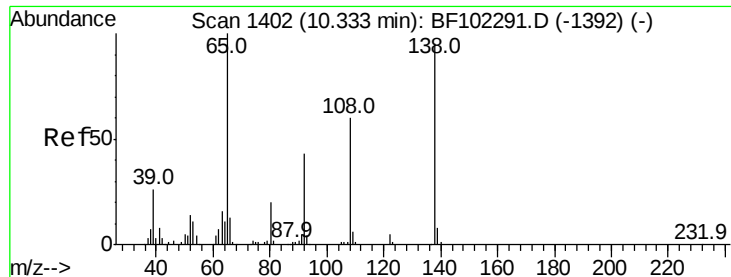
#60
4-Chlorophenyl-phenylether
Concen: 37.768 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.01 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Tgt Ion:204 Resp: 245247
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 65.1 54.6 81.8



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





#61

4-Nitroaniline

Concen: 34.523 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

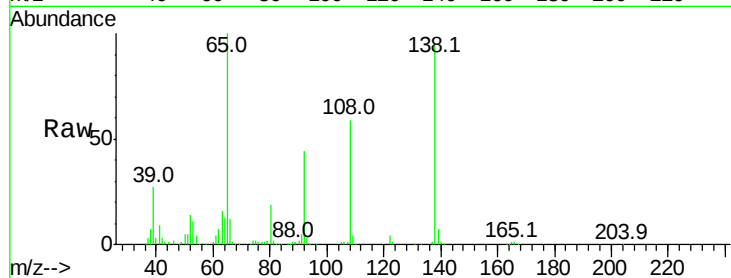
Tot Ion:138 Resp: 160386

Ion Ratio Lower Upper

138 100

92 46.4 30.2 70.2

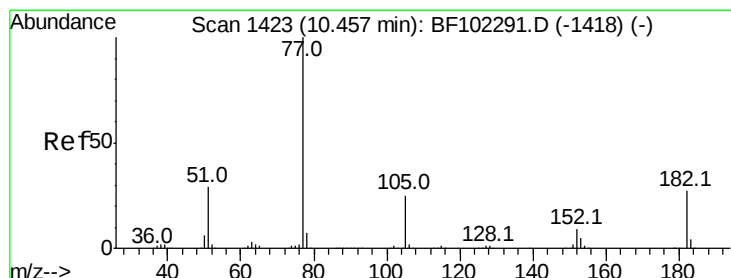
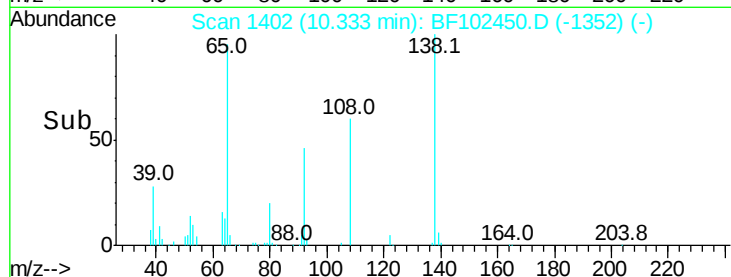
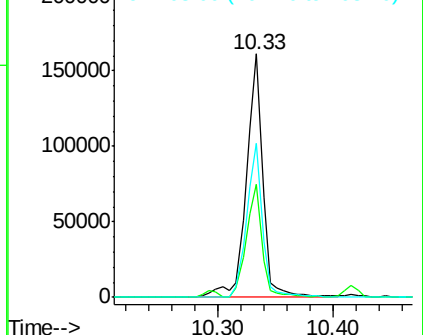
108 63.0 52.5 92.5



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: 35.725 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Tgt Ion: 77 Resp: 580191

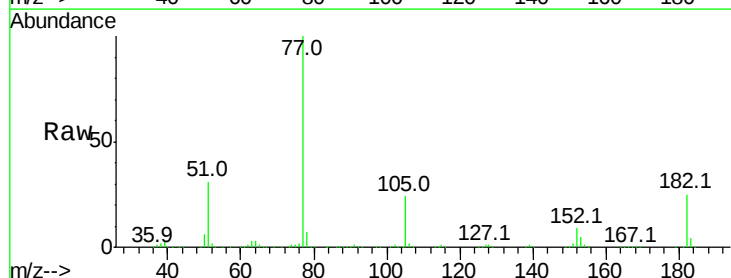
Ion Ratio Lower Upper

77 100

182 25.4 1.7 41.7

105 24.4 3.0 43.0

51 30.6 9.9 49.9

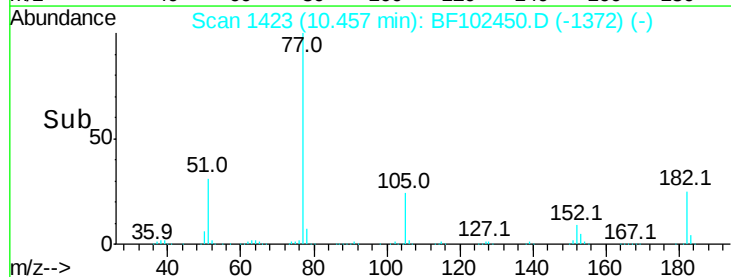
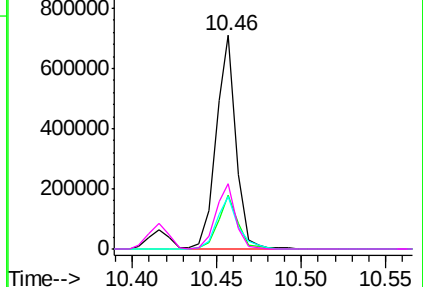


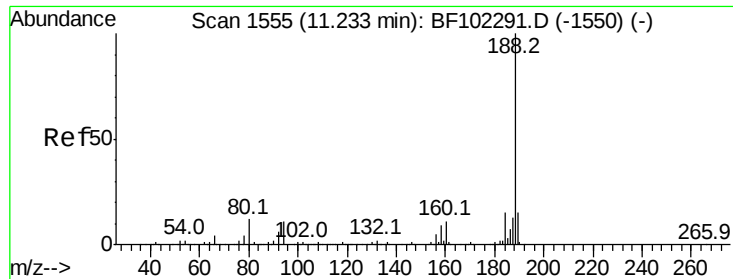
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

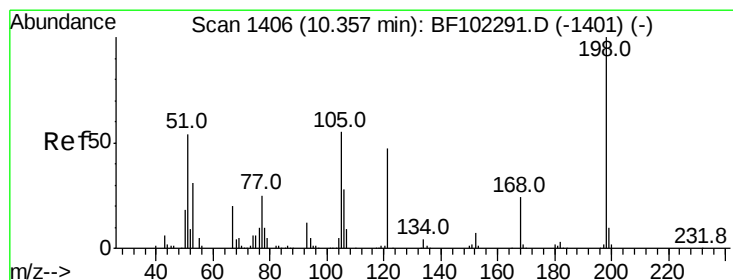
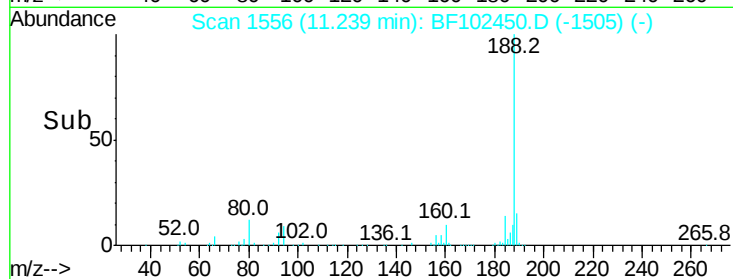
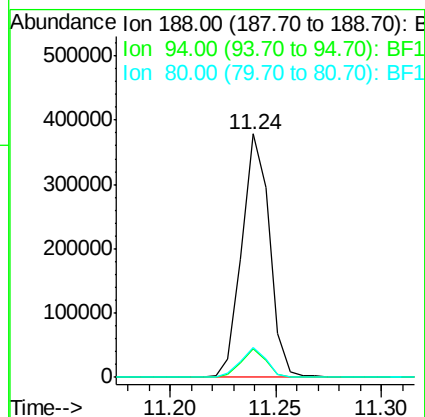
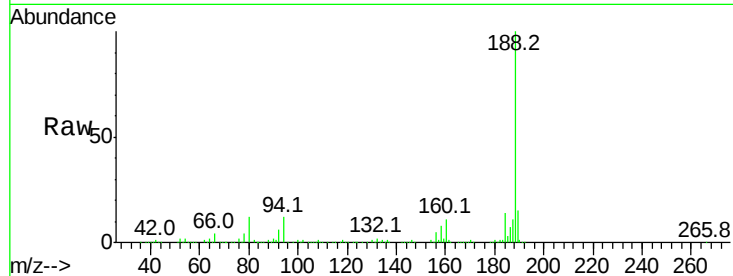




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

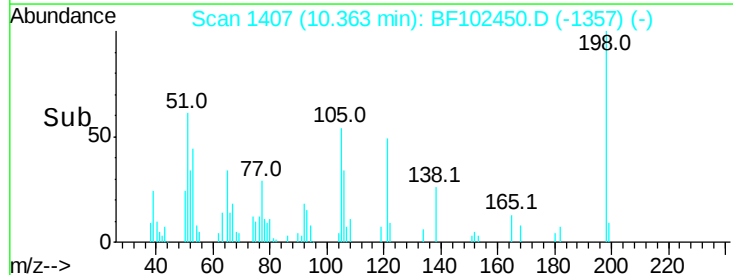
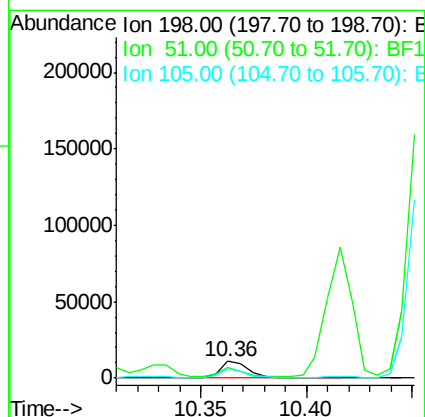
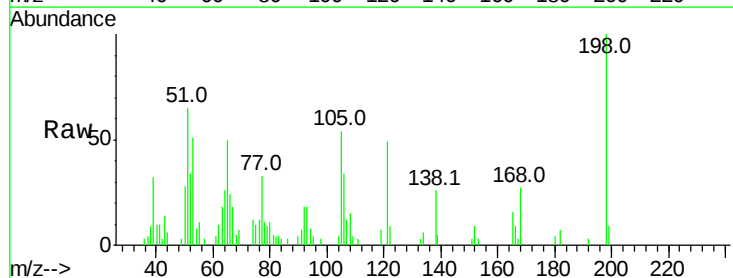
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MS

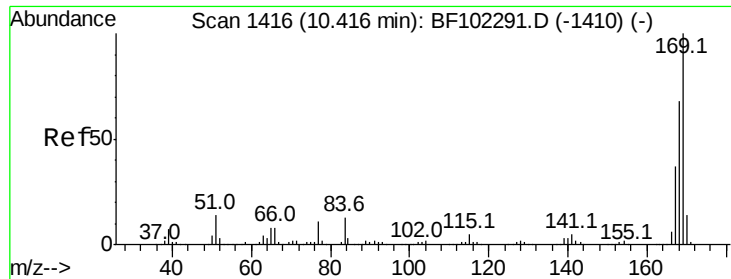
Tot Ion:188 Resp: 343422
 Ion Ratio Lower Upper
 188 100
 94 11.6 8.5 12.7
 80 12.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.519 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Tgt Ion:198 Resp: 10353
 Ion Ratio Lower Upper
 198 100
 51 64.7 37.7 77.7
 105 53.7 36.3 76.3

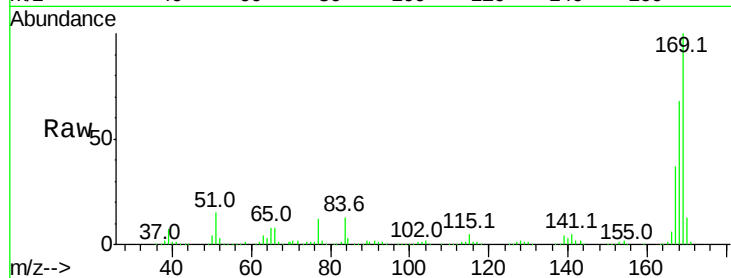




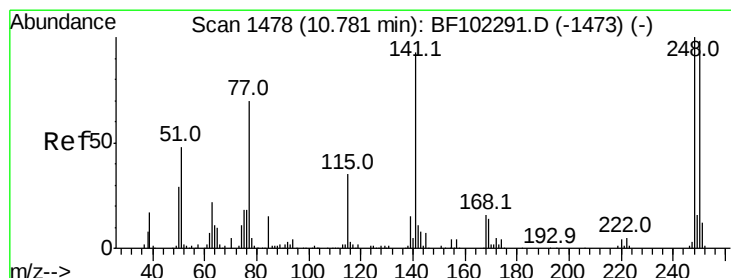
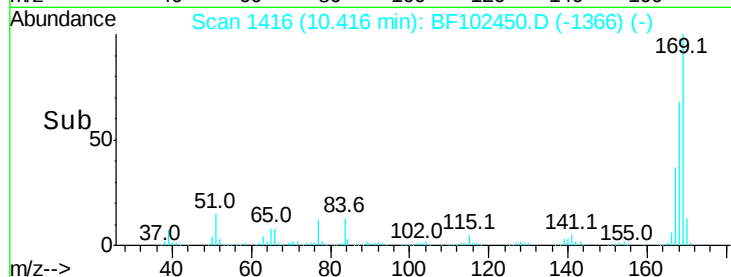
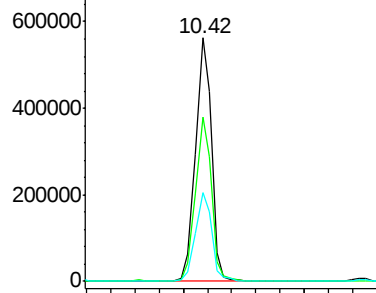
#65
 n-Nitrosodiphenylamine
 Concen: 40.794 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	54.4	81.6
167	36.7	29.8	44.6

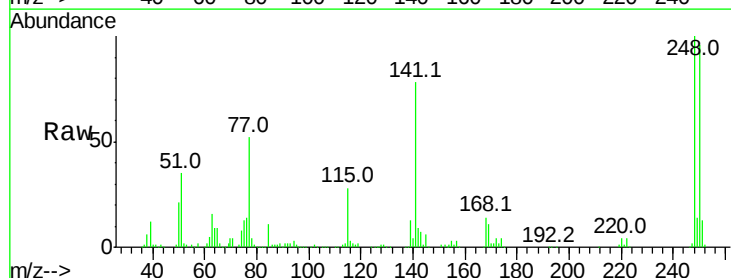


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

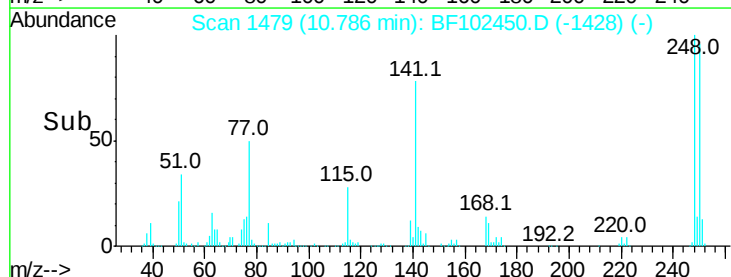
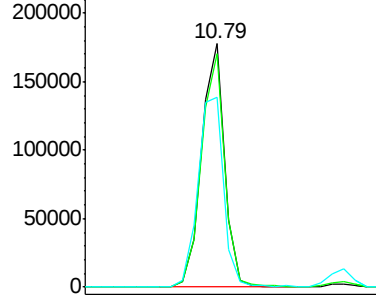


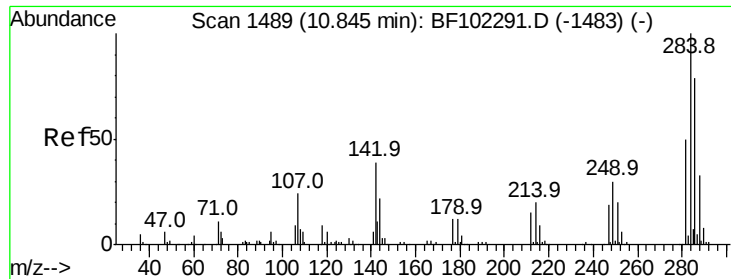
#66
 4-Bromophenyl-phenylether
 Concen: 39.323 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.9	115.3
141	78.2	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

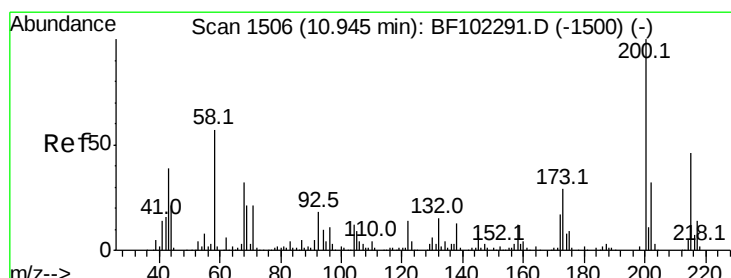
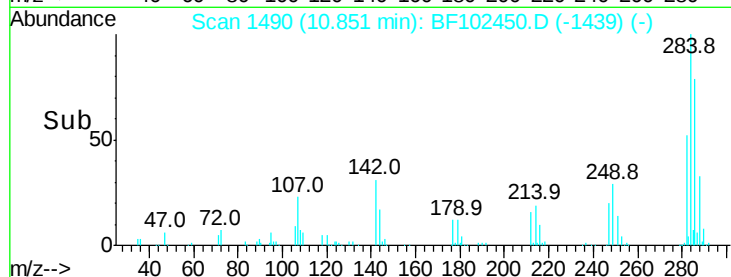
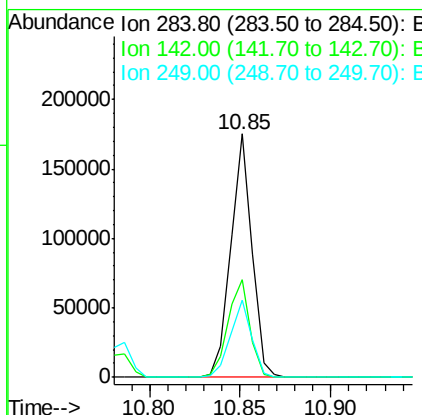
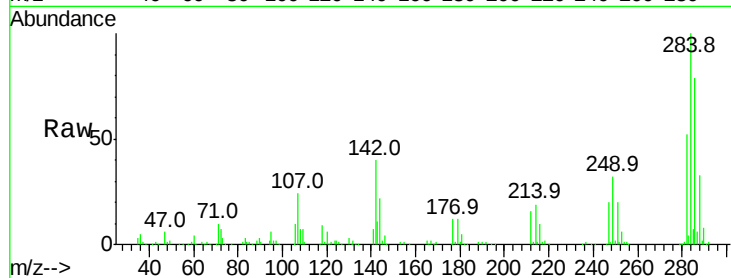




#67
Hexachlorobenzene
Concen: 34.584 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

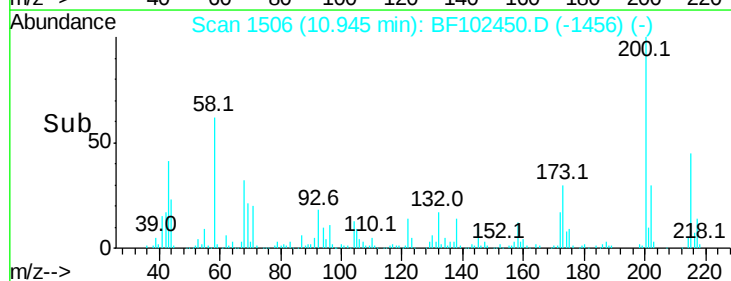
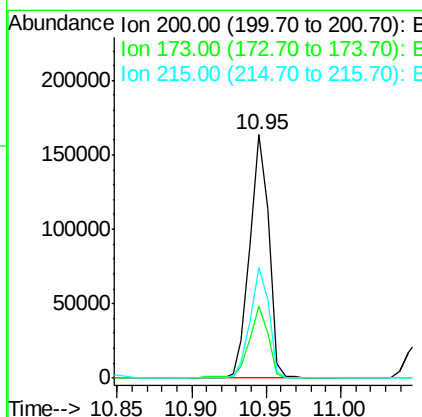
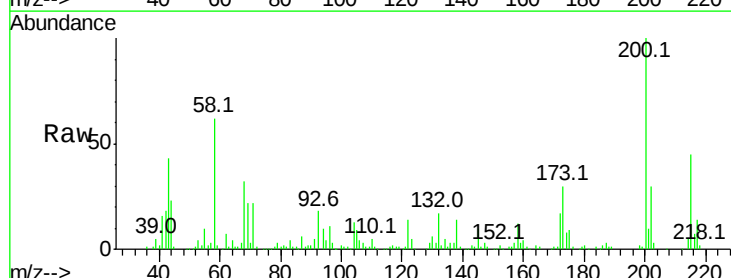
Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MS

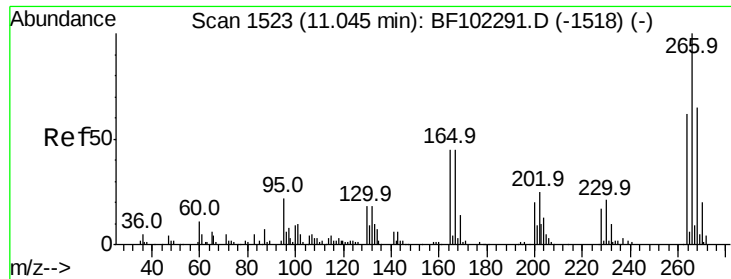
Tot Ion	Ratio	Lower	Upper
284	100		
142	40.3	34.6	52.0
249	31.6	24.8	37.2



#68
Atrazine
Concen: 38.817 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	8.6	48.6
215	45.5	25.1	65.1

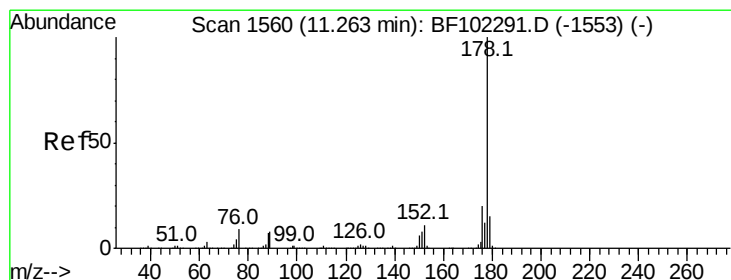
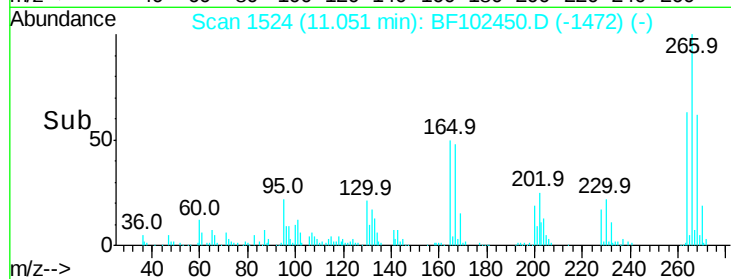
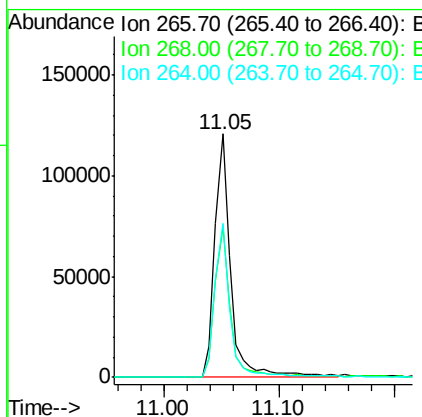
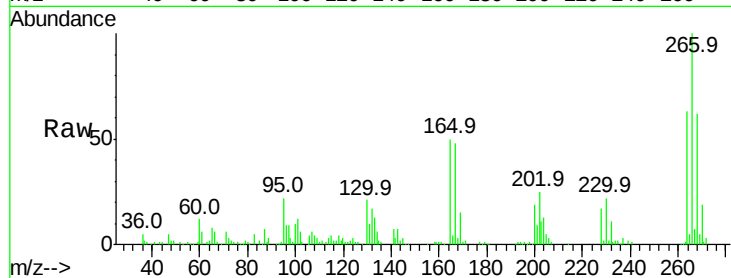




#69
 Pentachlorophenol
 Concen: 53.315 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

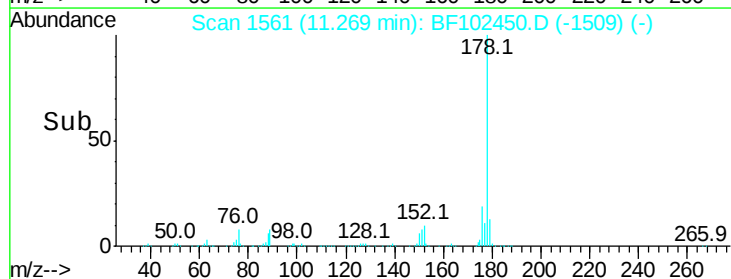
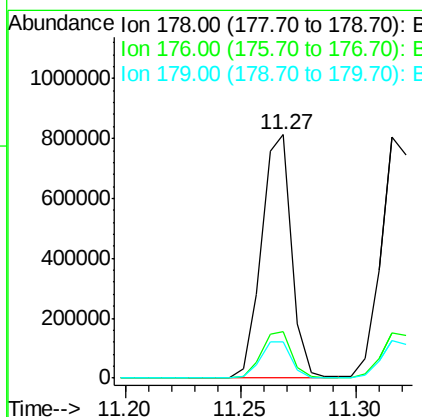
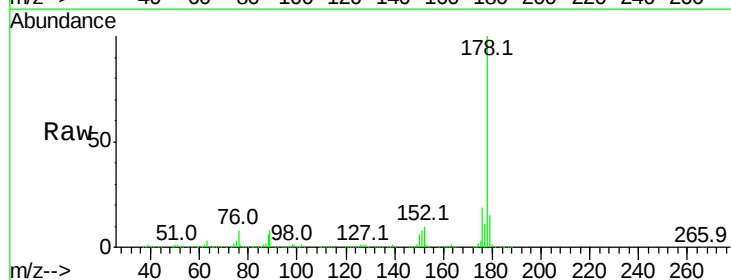
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MS

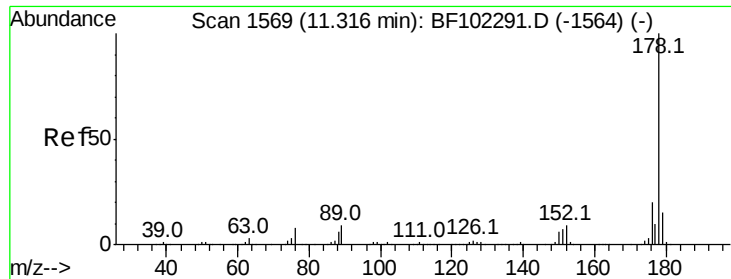
Tot Ion:266 Resp: 115798
 Ion Ratio Lower Upper
 266 100
 268 61.9 51.1 76.7
 264 63.4 49.5 74.3



#70
 Phenanthrene
 Concen: 37.057 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Tgt Ion:178 Resp: 741584
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 14.8 13.0 19.6



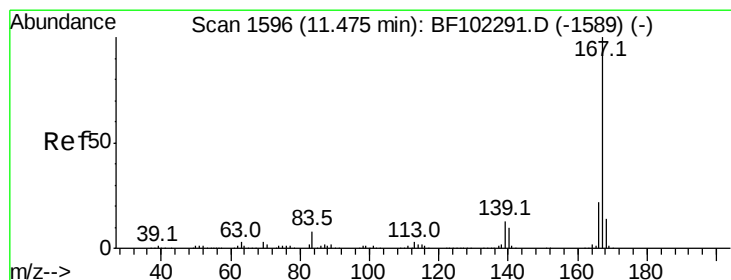
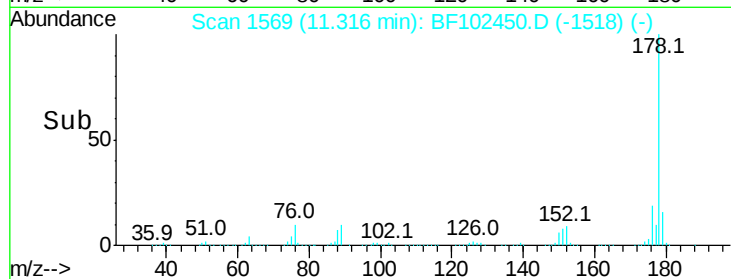
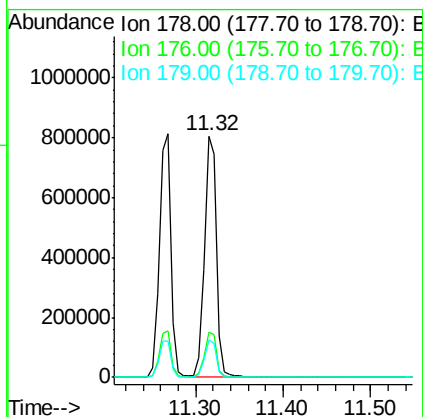
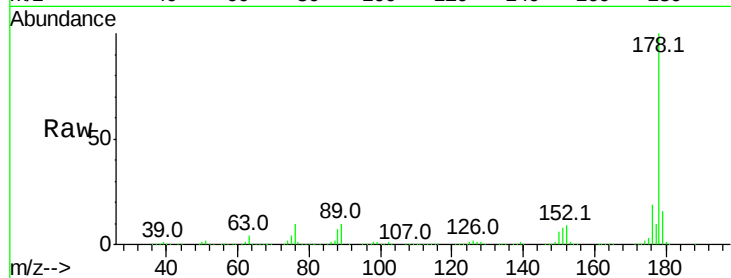


#71
 Anthracene
 Concen: 37.591 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MS

Tot Ion:178 Resp: 767837

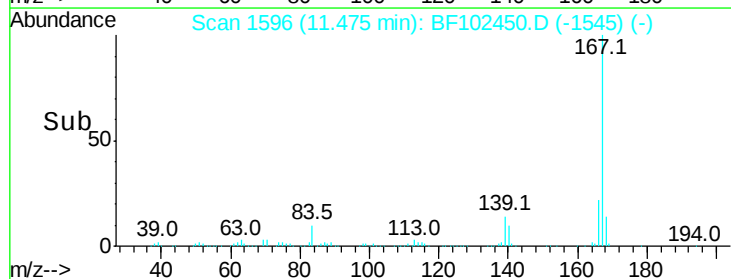
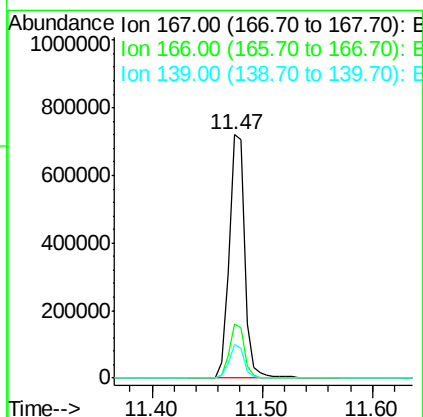
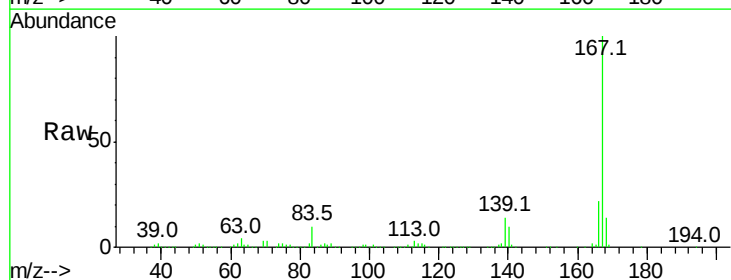
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.8	12.6	19.0

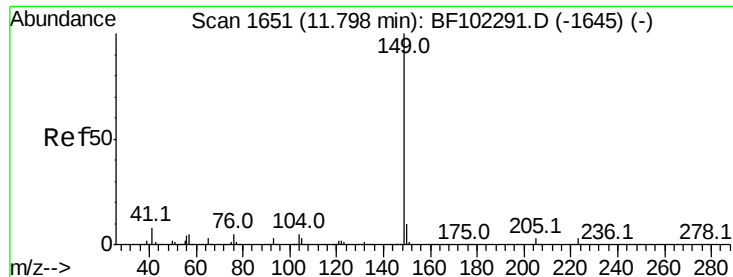


#72
 Carbazole
 Concen: 35.982 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Tgt Ion:167 Resp: 717019

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 37.719 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

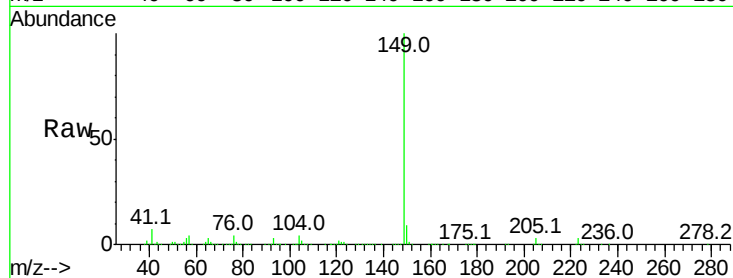
Tot Ion:149 Resp: 939520

Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.8	11.6
104	4.2	3.8	5.8

149 100

150 8.7 7.8 11.6

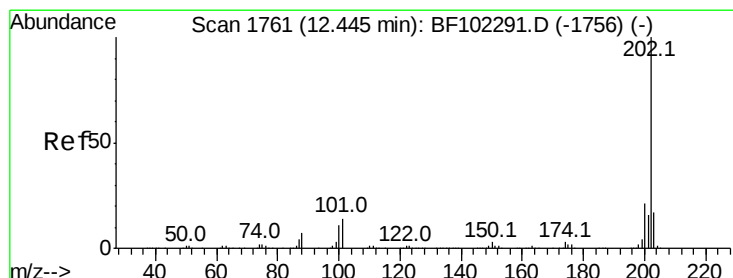
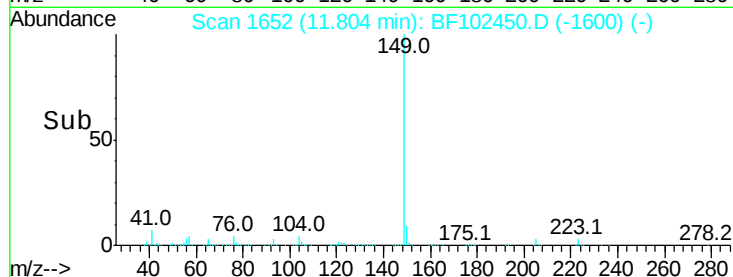
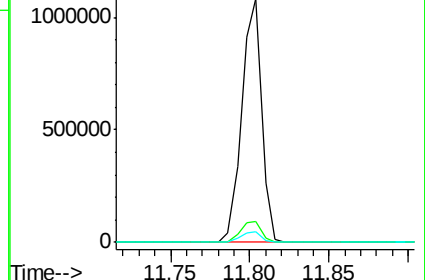
104 4.2 3.8 5.8



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: 35.134 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

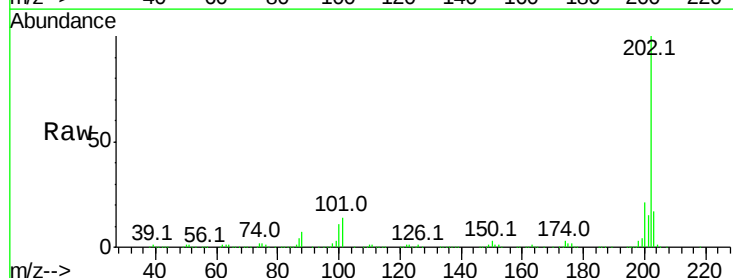
Tgt Ion:202 Resp: 716996

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.1
203	17.2	0.0	38.1

202 100

101 14.4 0.0 34.1

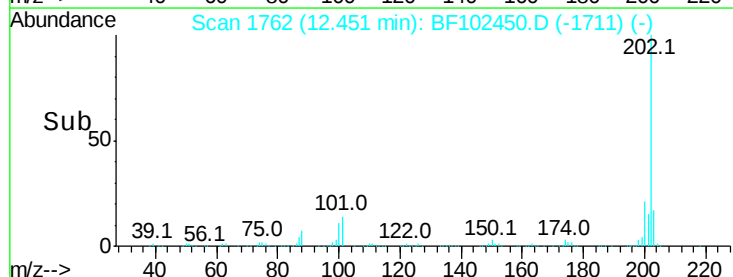
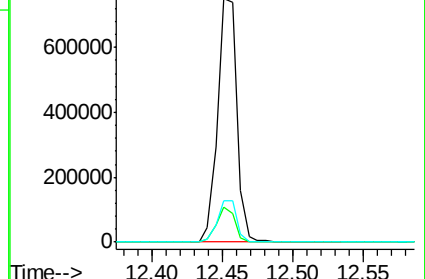
203 17.2 0.0 38.1

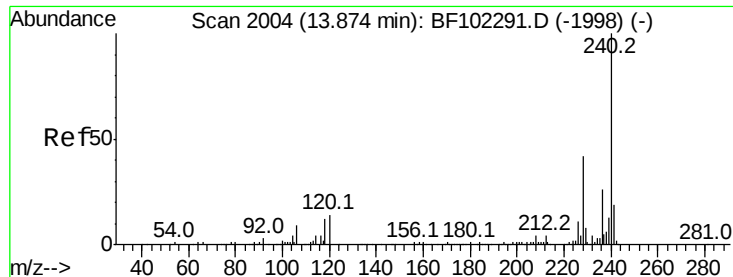


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

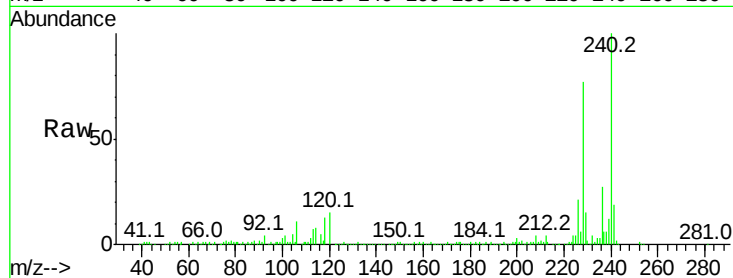
Tot Ion:240 Resp: 245792

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

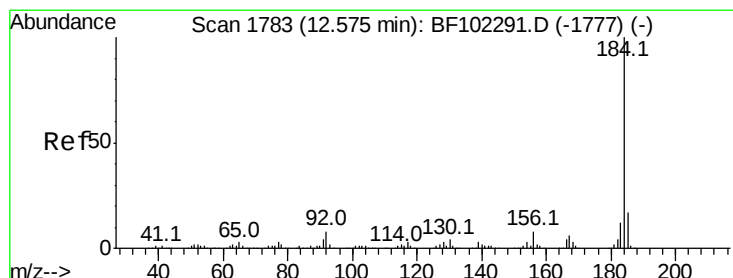
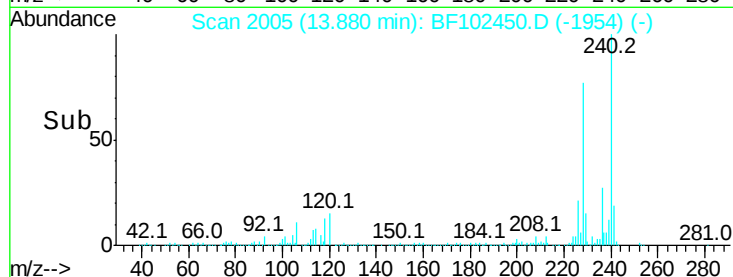
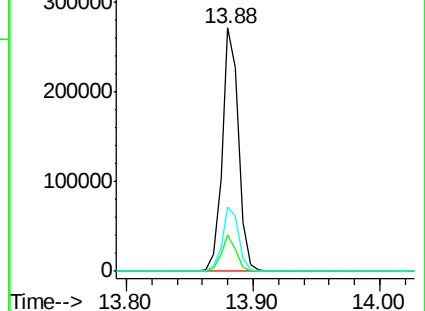
236 26.6 20.7 31.1



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: 44.825 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

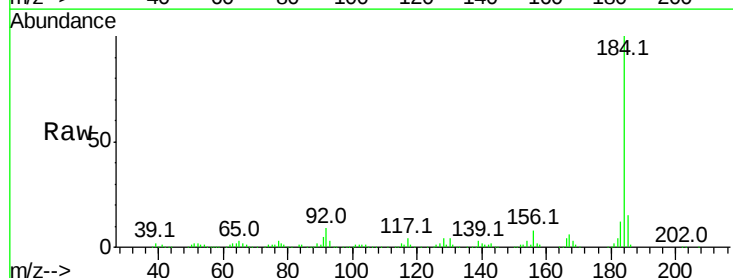
Tgt Ion:184 Resp: 370122

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

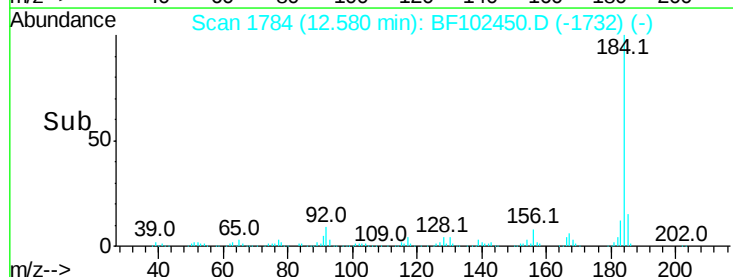
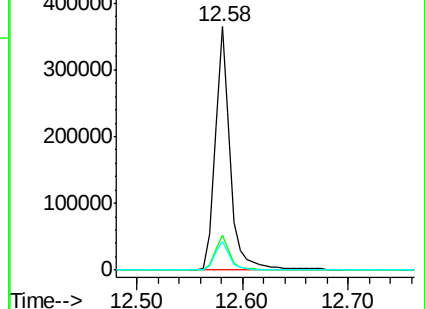
183 12.0 9.3 13.9

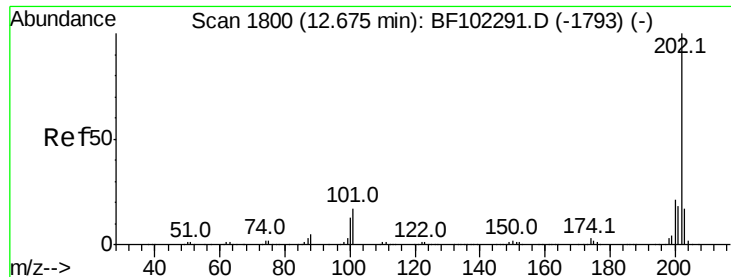


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.209 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

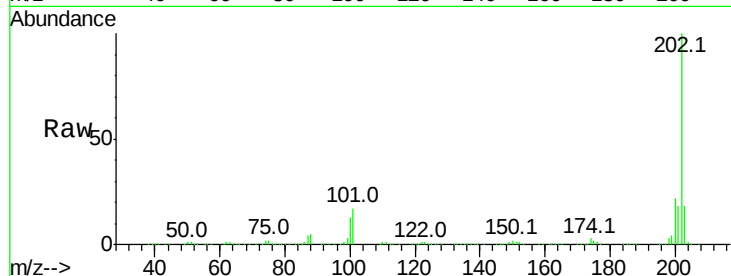
Tot Ion:202 Resp: 726124

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

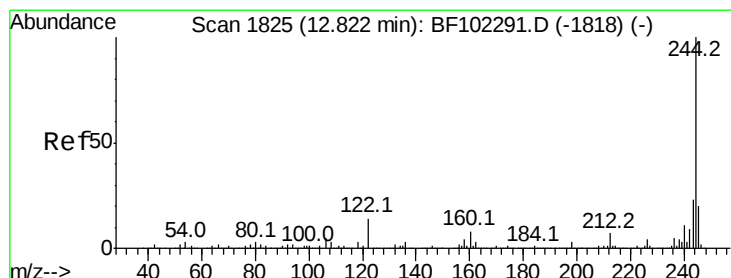
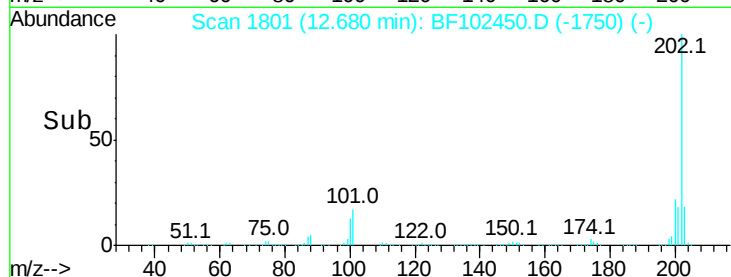
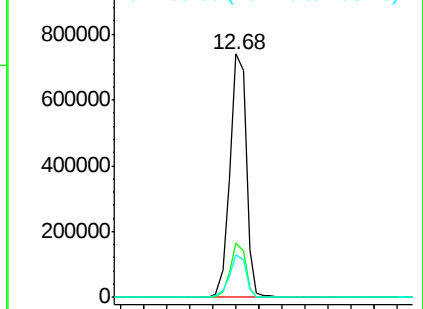
203 17.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.454 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

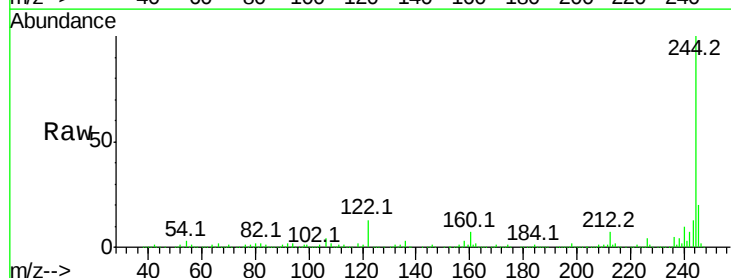
Tgt Ion:244 Resp: 942606

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

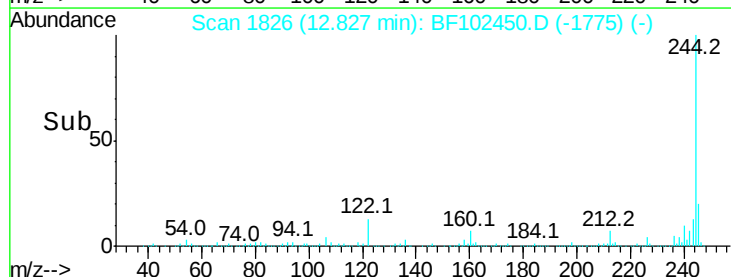
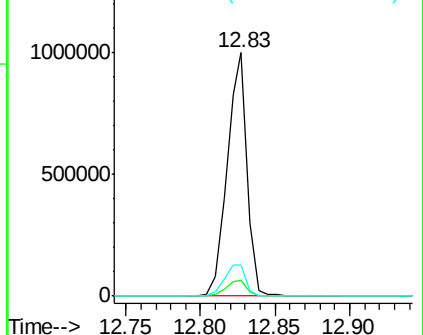
122 12.6 11.0 16.4

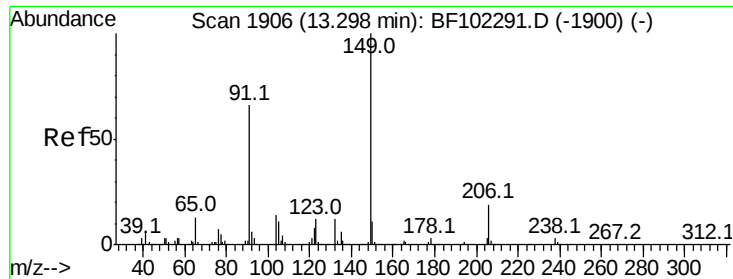


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

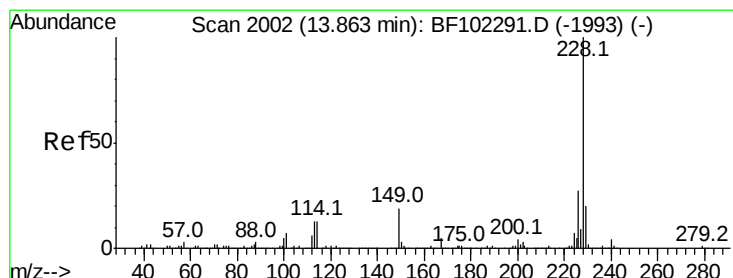
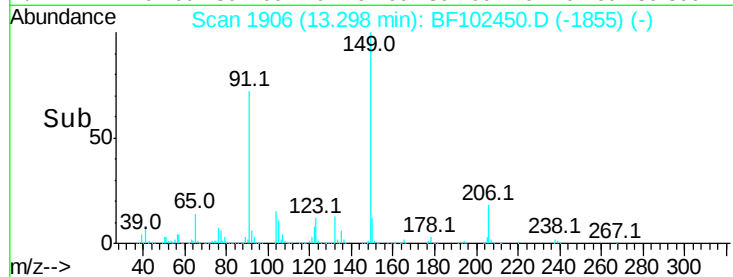
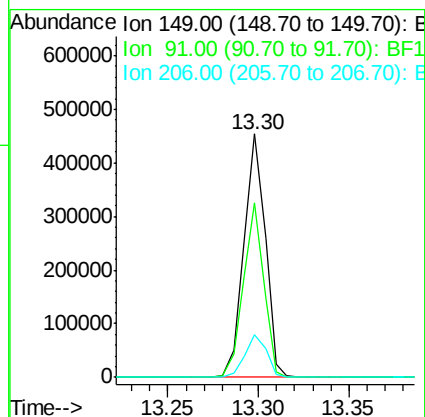
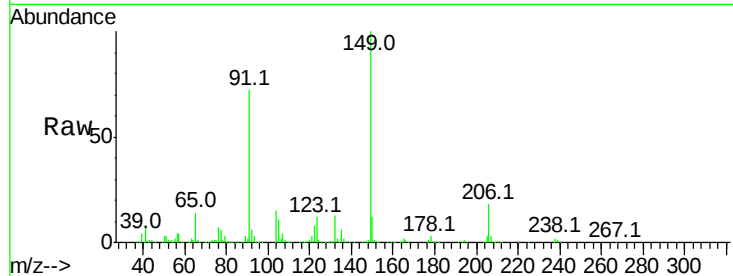




#79
 Butylbenzylphthalate
 Concen: 39.274 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

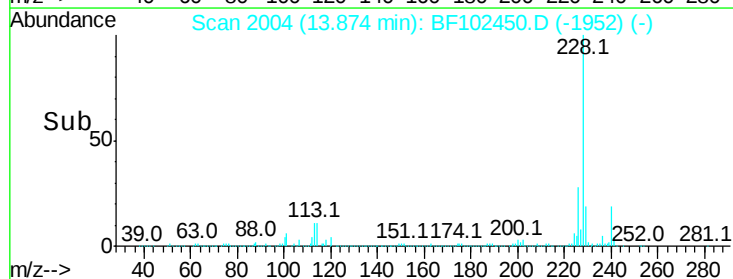
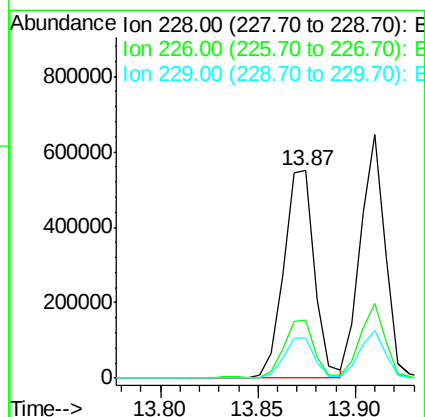
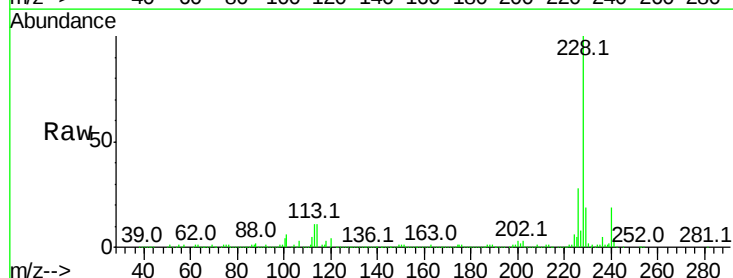
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MS

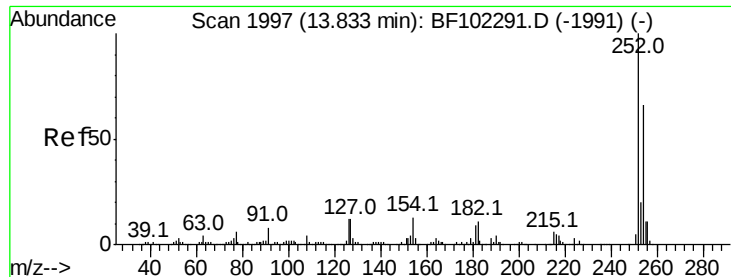
Tot Ion:	149	Resp:	371428
Ion Ratio	Lower	Upper	
149	100		
91	71.7	56.8	85.2
206	17.7	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 39.722 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.01 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Tgt Ion:	228	Resp:	601091
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	19.3	15.8	23.6

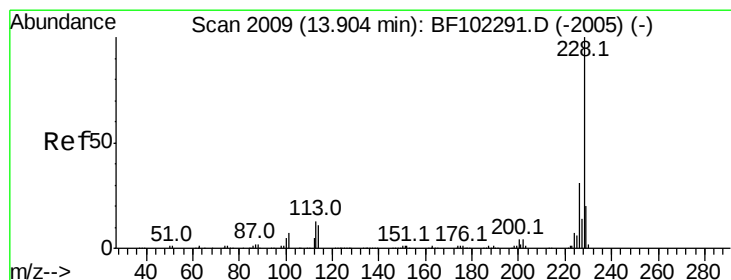
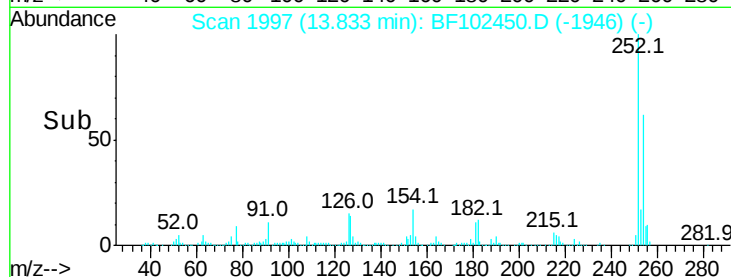
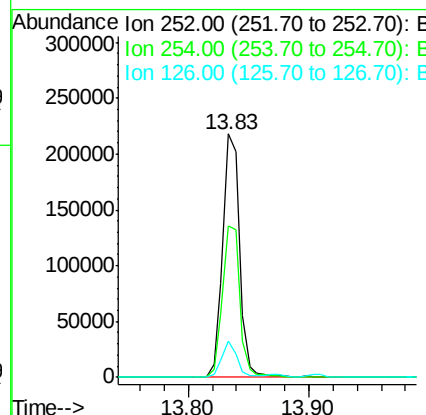
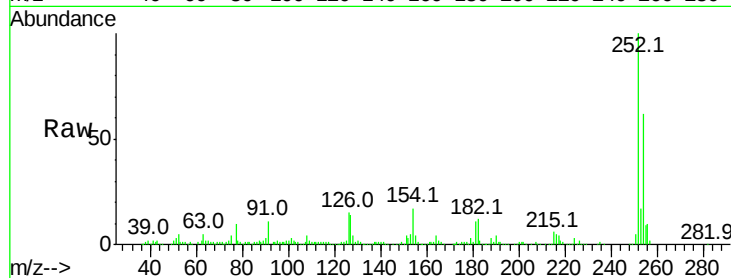




#81
 3,3'-Dichlorobenzidine
 Concen: 38.165 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

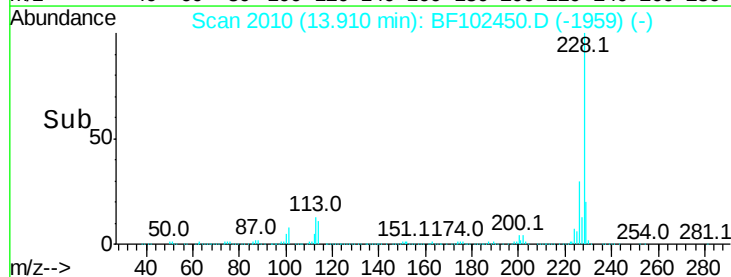
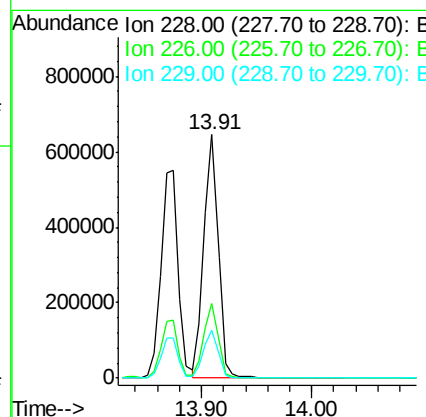
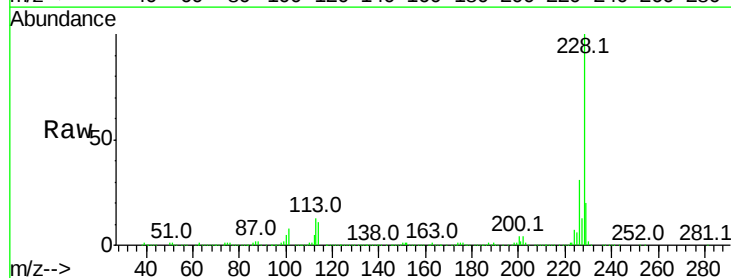
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-9.5-10.0MS

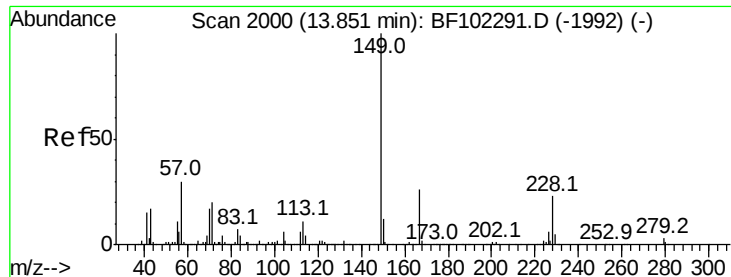
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.5	50.4	75.6
126	14.9	11.3	16.9



#82
 Chrysene
 Concen: 37.215 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF102450.D
 Acq: 26 Jan 2018 3:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.520 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

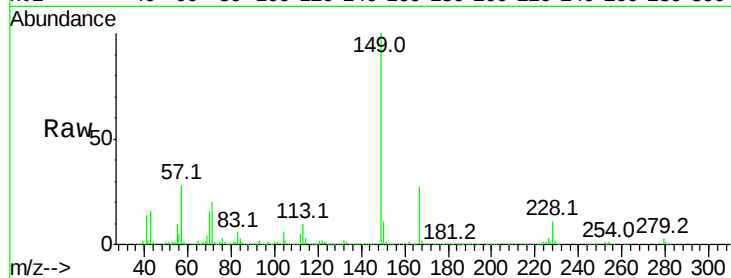
Tot Ion:149 Resp: 502280

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

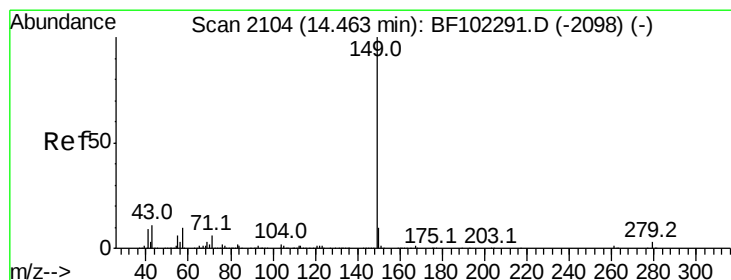
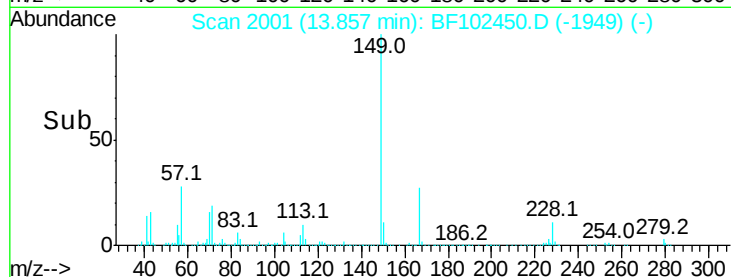
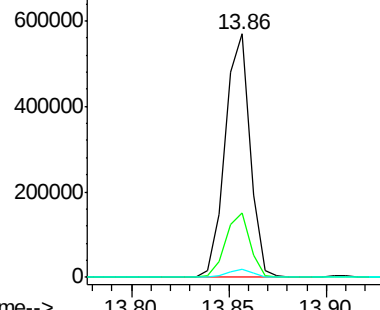
279 3.2 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.158 ng

RT: 14.47 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

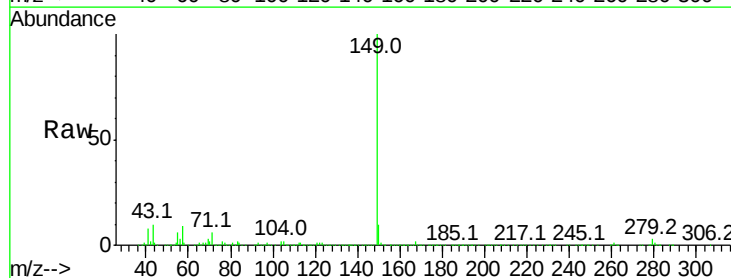
Tgt Ion:149 Resp: 830019

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

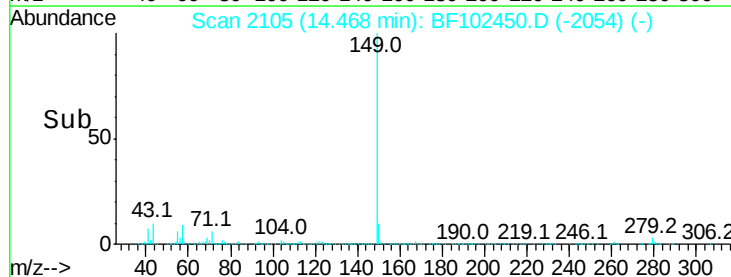
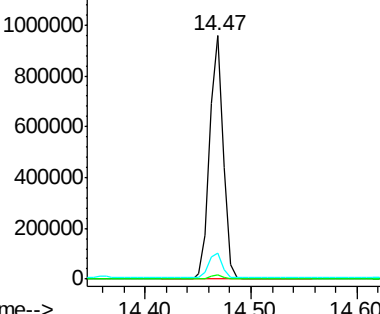
43 10.9 8.4 12.6

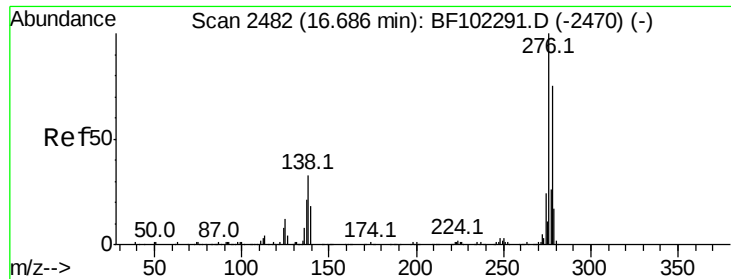


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

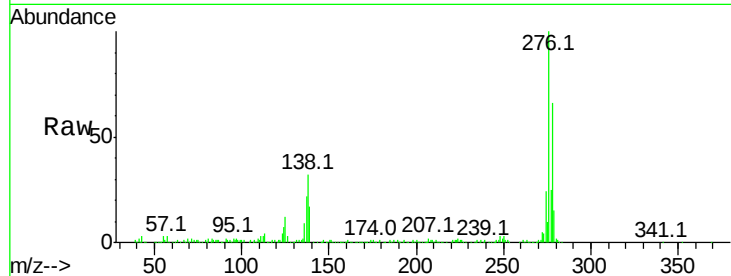




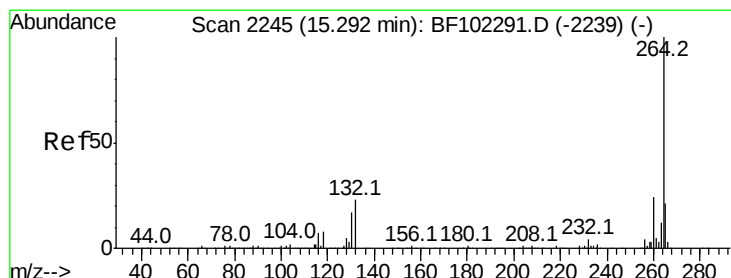
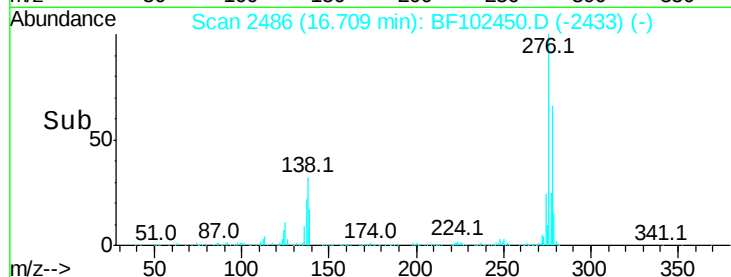
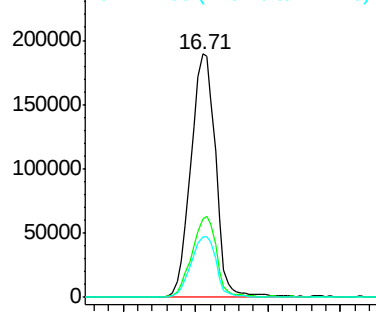
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.663 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.01 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MS

Tot Ion:276 Resp: 452607
Ion Ratio Lower Upper
276 100
138 32.4 25.0 37.6
277 25.2 20.1 30.1

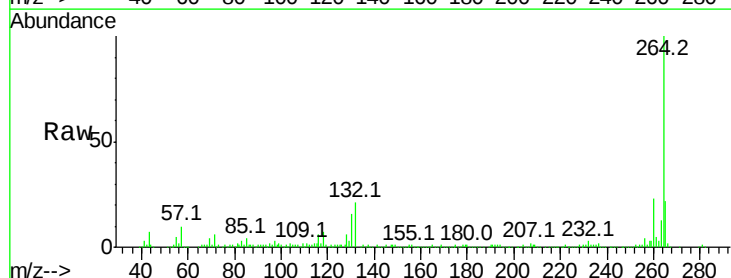


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

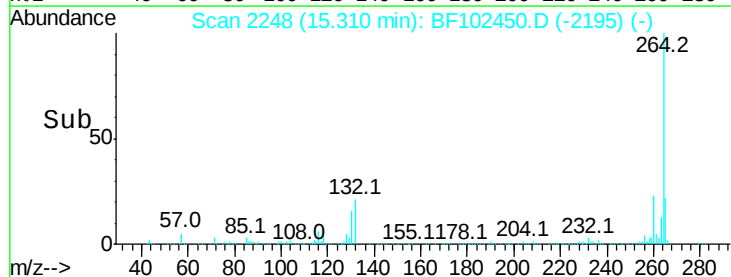
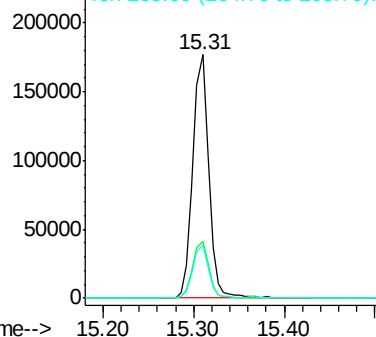


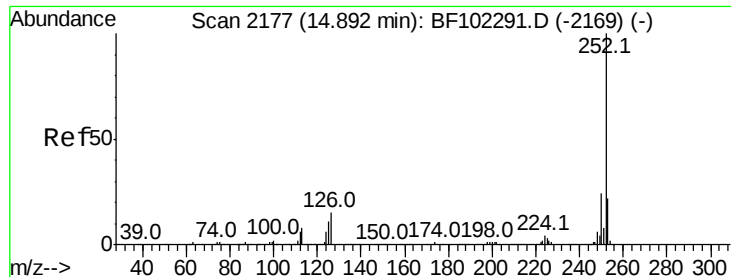
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Tgt Ion:264 Resp: 214860
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.9 17.5 26.3



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

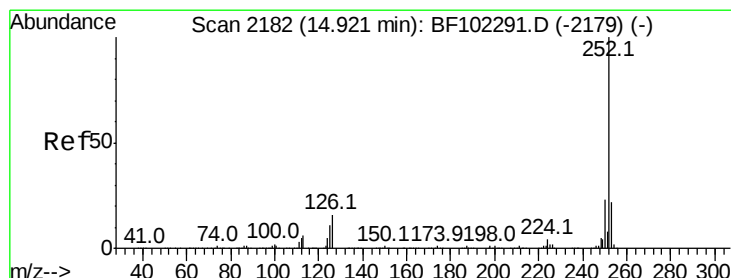
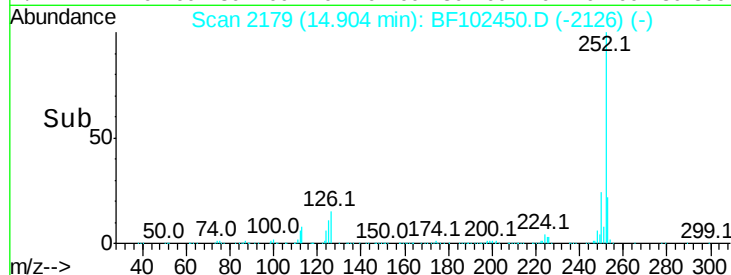
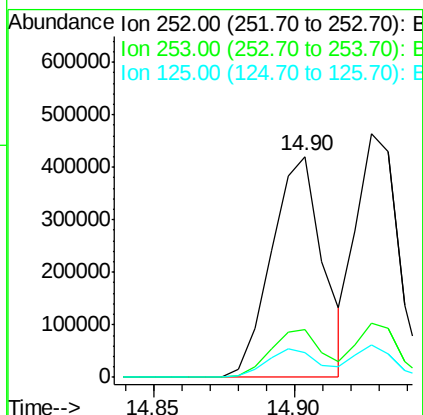
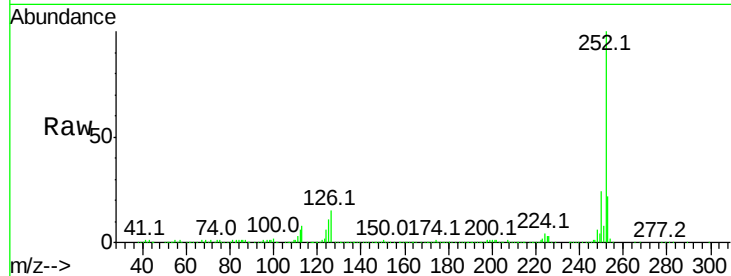




#87
Benzo(b)fluoranthene
Concen: 38.340 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

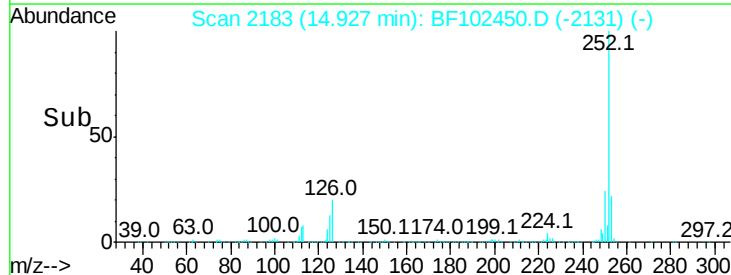
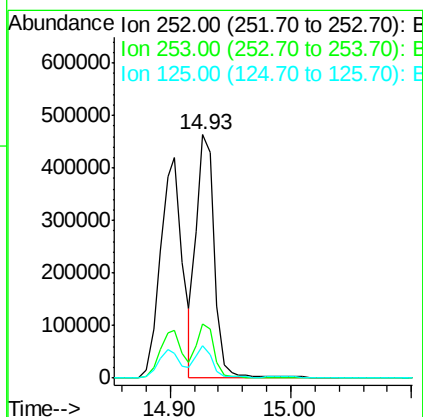
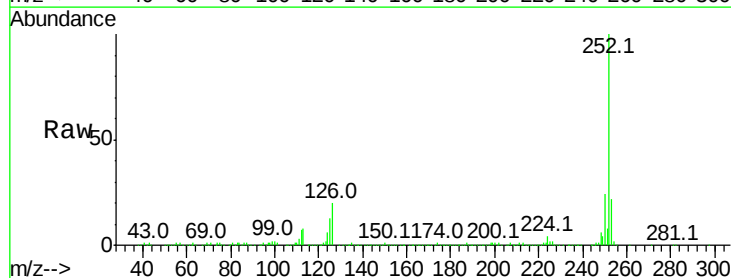
Instrument :
BNA_F
ClientSampleId :
SB-08-9.5-10.0MS

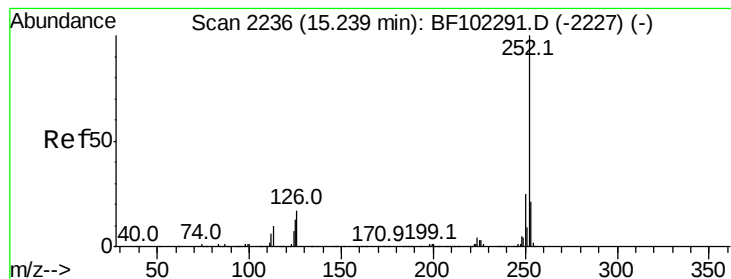
Tot Ion:252 Resp: 533922
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.830 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF102450.D
Acq: 26 Jan 2018 3:19

Tgt Ion:252 Resp: 484572
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 13.5 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.280 ng

RT: 15.25 min Scan# 2238

Delta R.T. 0.01 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS

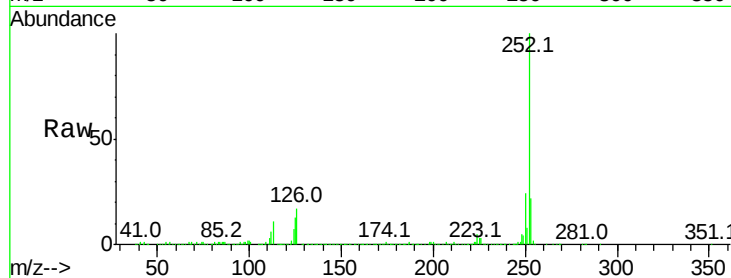
Tot Ion:252 Resp: 480785

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

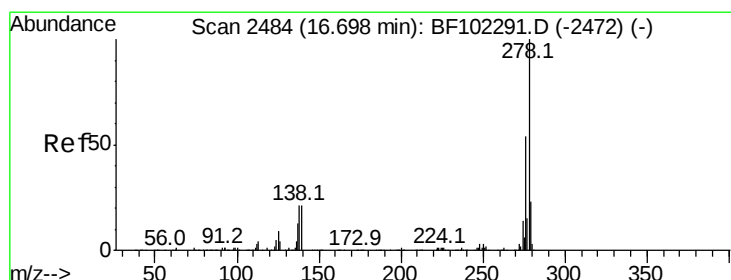
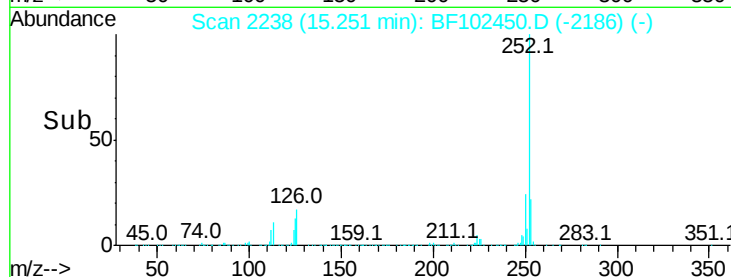
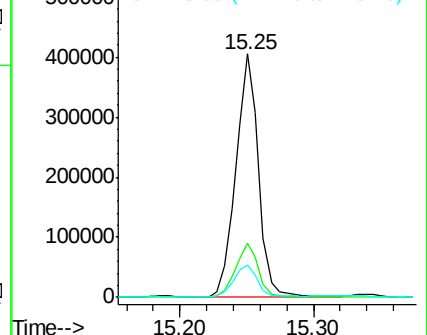
125 13.3 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.050 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF102450.D

Acq: 26 Jan 2018 3:19

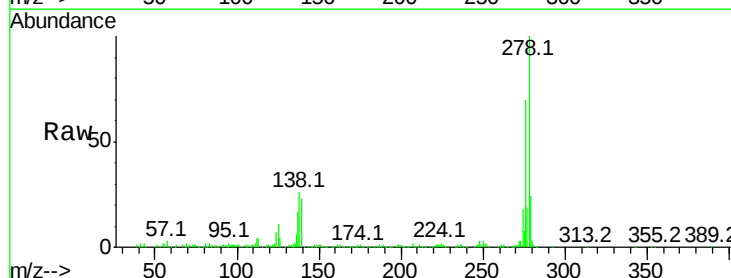
Tgt Ion:278 Resp: 376952

Ion Ratio Lower Upper

278 100

139 23.2 15.9 23.9

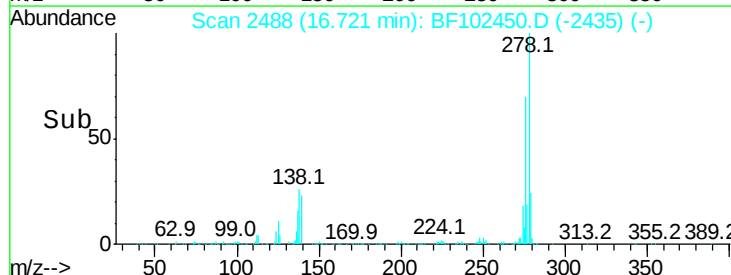
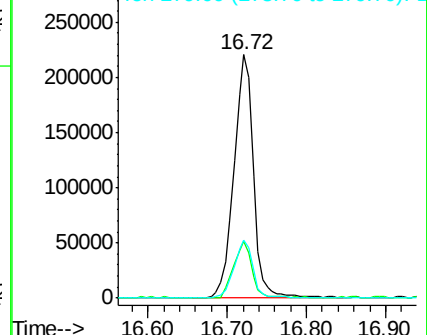
279 24.0 19.0 28.4

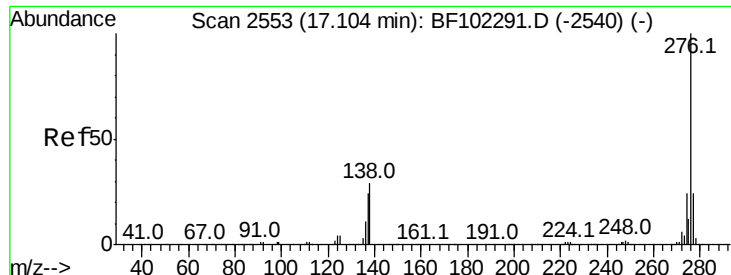


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.926 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.02 min

Lab File: BF102450.D

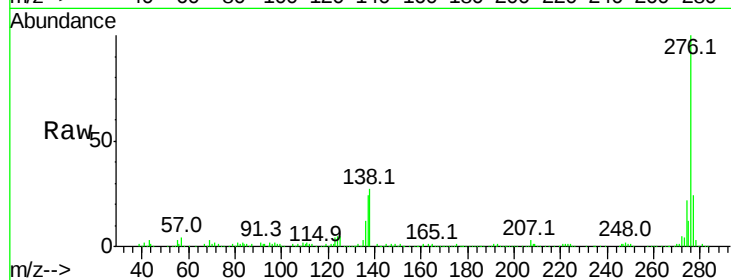
Acq: 26 Jan 2018 3:19

Instrument :

BNA_F

ClientSampleId :

SB-08-9.5-10.0MS



Tot Ion:	276	Resp:	360907
Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	26.7	21.8	32.8

