

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
 Data File : BF102389.D
 Acq On : 24 Jan 2018 15:03
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 00:06:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	143107	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	593457	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	264774	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	463655	20.00	ng	0.00
75) Chrysene-d12	13.88	240	344163	20.00	ng	0.00
86) Perylene-d12	15.30	264	299171	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	761066	80.64	ng	0.00
7) Phenol-d6	6.36	99	907175	79.73	ng	0.00
23) Nitrobenzene-d5	7.29	82	821607	79.56	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	192760	73.47	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1443155	80.14	ng	0.00
78) Terphenyl-d14	12.82	244	1184674	77.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	178786	39.869	ng	98
3) Pyridine	3.07	79	480564	41.007	ng	96
4) n-Nitrosodimethylamine	3.05	42	192718	41.947	ng	99
6) Aniline	6.38	93	603054	40.070	ng	# 86
8) 2-Chlorophenol	6.50	128	398366	40.265	ng	96
9) Benzaldehyde	6.27	77	252741	40.038	ng	93
10) Phenol	6.37	94	485251	39.063	ng	# 73
11) bis(2-Chloroethyl)ether	6.46	93	376625	39.863	ng	97
12) 1,3-Dichlorobenzene	6.66	146	462562	39.312	ng	98
13) 1,4-Dichlorobenzene	6.73	146	466189	39.552	ng	99
14) 1,2-Dichlorobenzene	6.89	146	430342	39.916	ng	98
15) Benzyl Alcohol	6.86	79	311941	38.855	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	626483	39.536	ng	98
17) 2-Methylphenol	6.98	107	342059	39.809	ng	97
18) Hexachloroethane	7.22	117	163854	39.893	ng	93
19) n-Nitroso-di-n-propylamine	7.14	70	273289	39.247	ng	98
20) 3+4-Methylphenols	7.13	107	405208	40.097	ng	# 67
22) Acetophenone	7.13	105	551038	38.951	ng	# 91
24) Nitrobenzene	7.30	77	428714	40.566	ng	99
25) Isophorone	7.55	82	743964	40.410	ng	98
26) 2-Nitrophenol	7.62	139	232351	41.773	ng	98
27) 2,4-Dimethylphenol	7.66	122	321817	39.845	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	462208	40.642	ng	98
29) 2,4-Dichlorophenol	7.86	162	328784	39.964	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	349487	39.629	ng	98
31) Naphthalene	8.02	128	1163602	39.271	ng	100
32) Benzoic acid	7.81	122	212257	31.368	ng	95
33) 4-Chloroaniline	8.07	127	504725	40.508	ng	99
34) Hexachlorobutadiene	8.13	225	185815	39.449	ng	99
35) Caprolactam	8.46	113	108104	39.787	ng	99
36) 4-Chloro-3-methylphenol	8.56	107	349626	40.317	ng	97
37) 2-Methylnaphthalene	8.71	142	771528	39.098	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	318583	39.993	ng	99
40) Hexachlorocyclopentadiene	8.86	237	139021	38.996	ng	99

Data Path : U:\HPCHEM1\BNA F\DATA\BF012418\
 Data File : BF102389.D
 Acq On : 24 Jan 2018 15:03
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

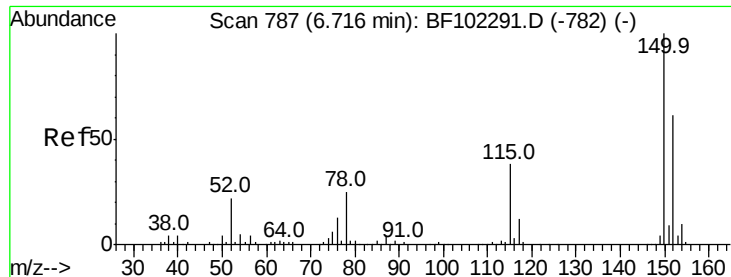
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 25 00:06:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.99	196	211812	39.720	ng	100
43) 2,4,5-Trichlorophenol	9.03	196	246047	40.979	ng	97
45) 1,1'-Biphenyl	9.18	154	933417	39.426	ng	98
46) 2-Chloronaphthalene	9.20	162	732233	39.790	ng	98
47) 2-Nitroaniline	9.30	65	236662	41.250	ng	99
48) Acenaphthylene	9.62	152	1125482	39.257	ng	99
49) Dimethylphthalate	9.48	163	866219	39.580	ng	100
50) 2,6-Dinitrotoluene	9.55	165	191330	40.549	ng	86
51) Acenaphthene	9.79	154	657217	39.251	ng	99
52) 3-Nitroaniline	9.72	138	229236	41.068	ng	95
53) 2,4-Dinitrophenol	9.83	184	86016	42.448	ng	# 20
54) Dibenzofuran	9.96	168	918899	40.550	ng	96
55) 4-Nitrophenol	9.89	139	144740	39.282	ng	93
56) 2,4-Dinitrotoluene	9.95	165	228747	39.422	ng	# 92
57) Fluorene	10.30	166	728066	40.546	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	173126	40.384	ng	97
59) Diethylphthalate	10.18	149	825988	38.839	ng	97
60) 4-Chlorophenyl-phenylether	10.29	204	315661	40.546	ng	97
61) 4-Nitroaniline	10.33	138	226582	40.680	ng	91
62) Azobenzene	10.46	77	768133	39.450	ng	95
64) 4,6-Dinitro-2-methylphenol	10.36	198	127493	41.216	ng	88
65) n-Nitrosodiphenylamine	10.42	169	672349	39.508	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	196426	39.354	ng	97
67) Hexachlorobenzene	10.85	284	206986	37.080	ng	98
68) Atrazine	10.95	200	197164	39.227	ng	99
69) Pentachlorophenol	11.05	266	121435	41.412	ng	96
70) Phenanthrene	11.26	178	1055301	39.059	ng	98
71) Anthracene	11.32	178	1066443	38.671	ng	100
72) Carbazole	11.47	167	1061830	39.468	ng	100
73) Di-n-butylphthalate	11.80	149	1309254	38.932	ng	100
74) Fluoranthene	12.45	202	1059243	38.445	ng	97
76) Benzidine	12.57	184	442561	38.278	ng	99
77) Pyrene	12.68	202	1083596	40.722	ng	99
79) Butylbenzylphthalate	13.30	149	548202	41.398	ng	96
80) Benzo(a)anthracene	13.87	228	859542	40.565	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	316504	40.719	ng	98
82) Chrysene	13.90	228	852043	39.598	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	725647	40.775	ng	# 98
84) Di-n-octyl phthalate	14.46	149	1163328	40.196	ng	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	678449	38.179	ng	98
87) Benzo(b)fluoranthene	14.89	252	752666	38.816	ng	98
88) Benzo(k)fluoranthene	14.92	252	751828	41.039	ng	99
89) Benzo(a)pyrene	15.24	252	697711	39.896	ng	96
90) Dibenzo(a,h)anthracene	16.70	278	556537	39.286	ng	98
91) Benzo(g,h,i)perylene	17.10	276	559817	40.022	ng	98

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

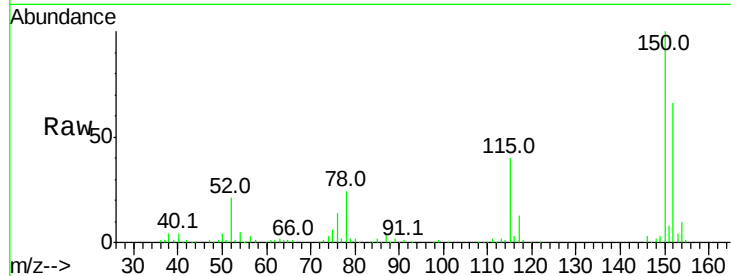


#1

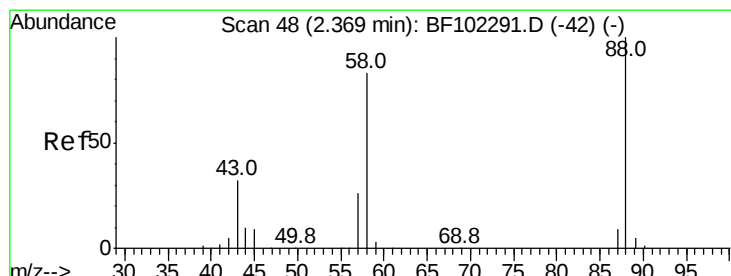
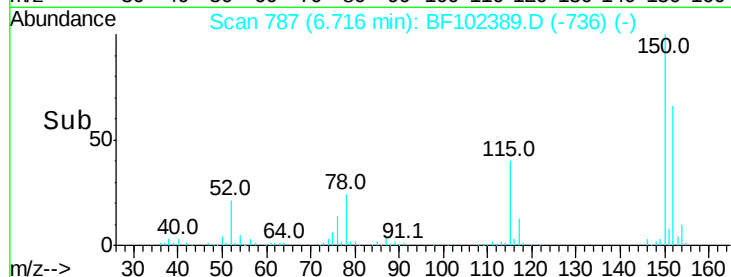
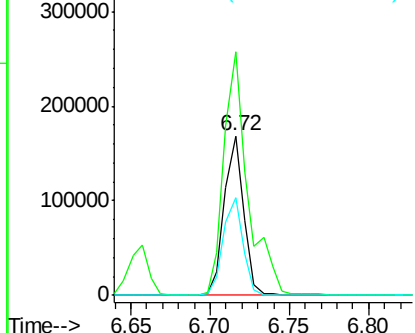
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 143107
Ion Ratio Lower Upper
152 100
150 152.6 124.6 186.8
115 61.3 50.1 75.1



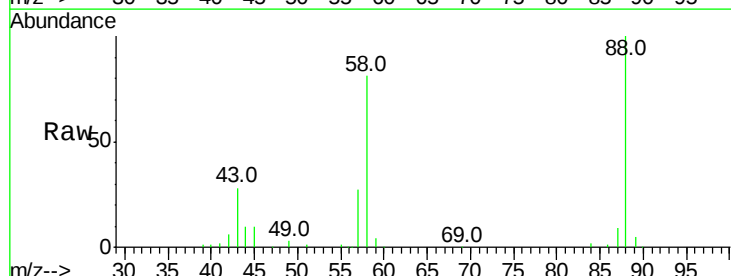
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



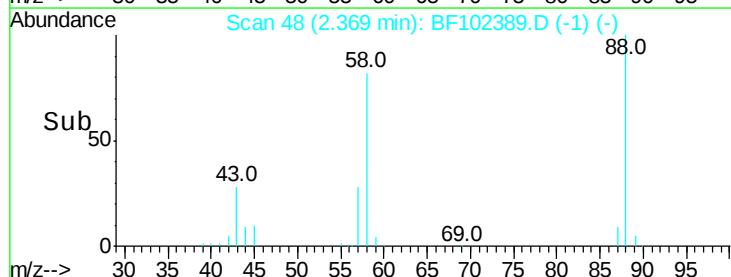
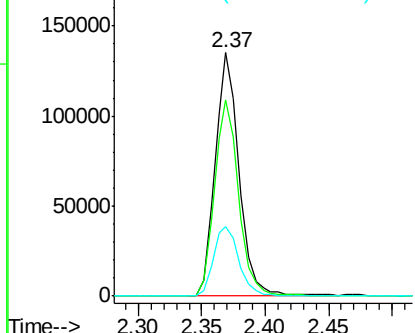
#2

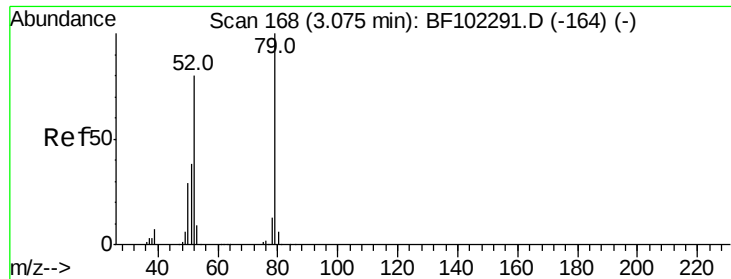
1,4-Dioxane
Concen: 39.869 ng
RT: 2.37 min Scan# 48
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

Tgt Ion: 88 Resp: 178786
Ion Ratio Lower Upper
88 100
58 81.2 62.6 93.8
43 30.7 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

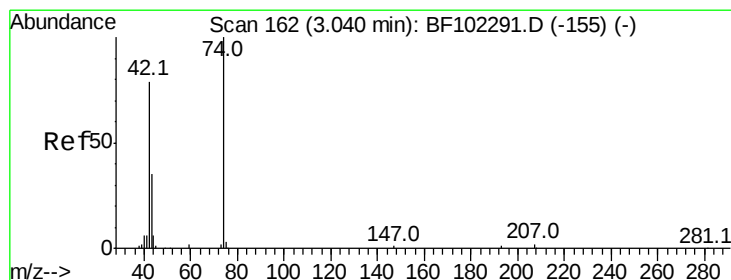
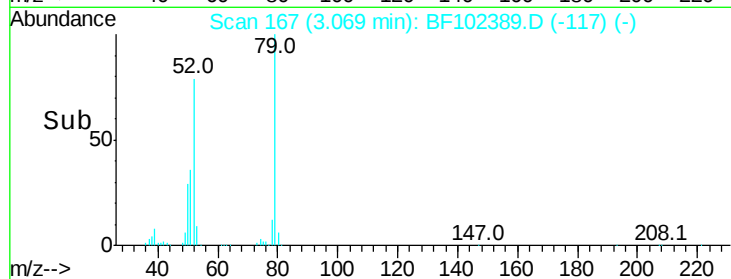
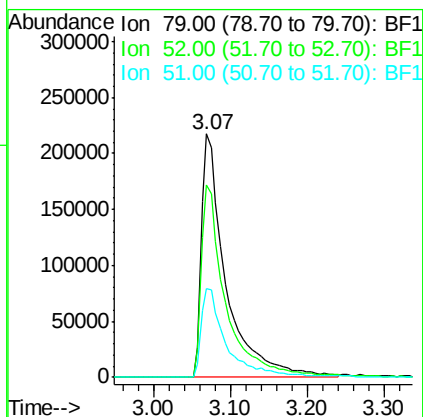
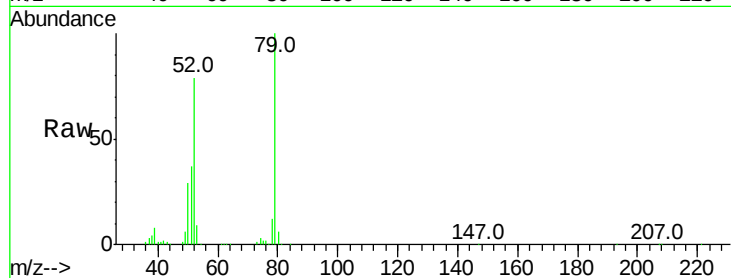




#3
 Pvridine
 Concen: 41.007 ng
 RT: 3.07 min Scan# 167
 Delta R.T. -0.01 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

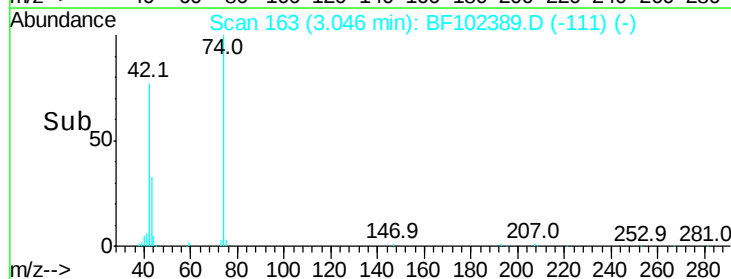
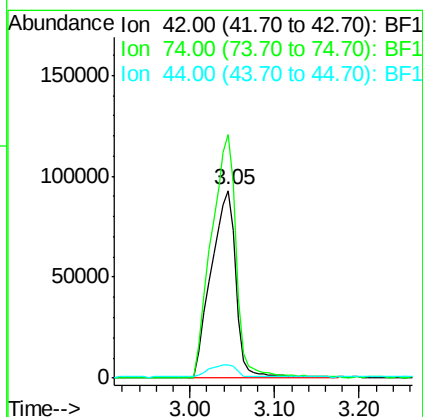
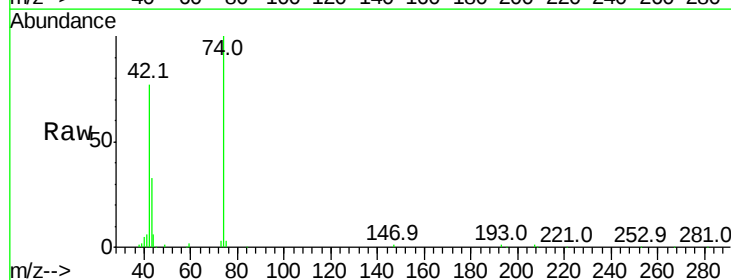
Instrument :
 BNA_F
 ClientSampleId :

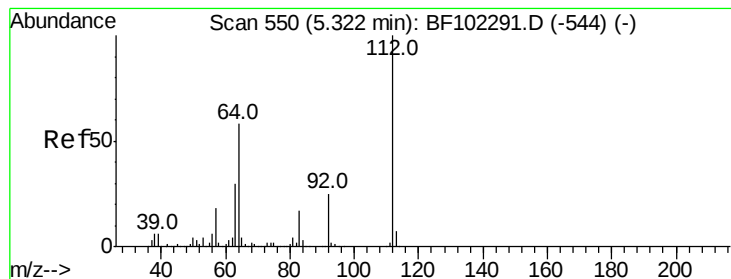
Tot Ion: 79 Resp: 480564
 Ion Ratio Lower Upper
 79 100
 52 79.2 59.8 89.6
 51 36.7 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 41.947 ng
 RT: 3.05 min Scan# 163
 Delta R.T. 0.01 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

Tgt Ion: 42 Resp: 192718
 Ion Ratio Lower Upper
 42 100
 74 129.6 104.9 157.3
 44 7.3 6.9 10.3





#5

2-Fluorophenol

Concen: 80.637 ng

RT: 5.32 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampleId :

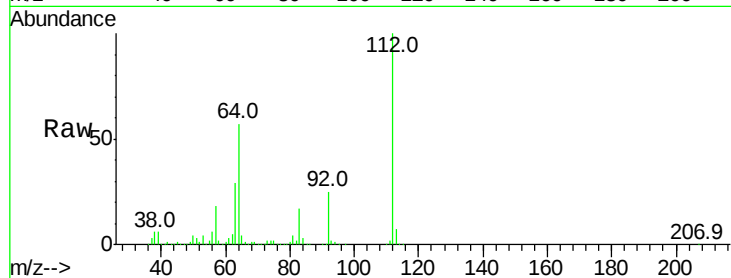
Tot Ion:112 Resp: 761066

Ion Ratio Lower Upper

112 100

64 57.3 47.9 71.9

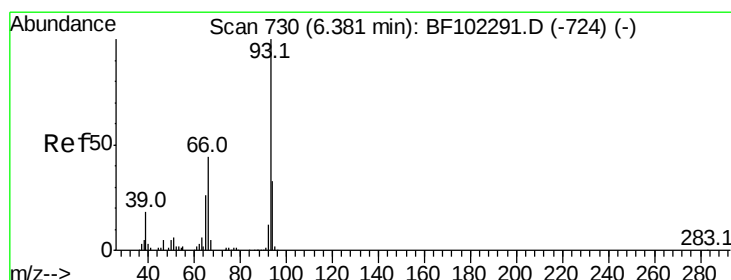
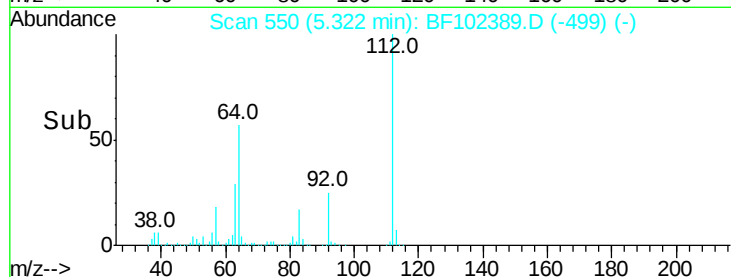
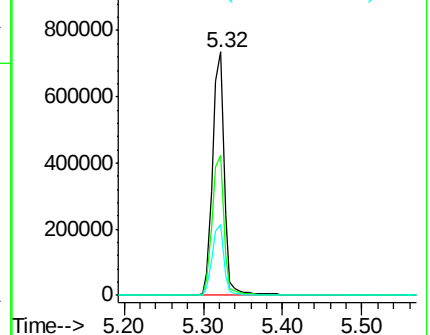
63 29.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.070 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

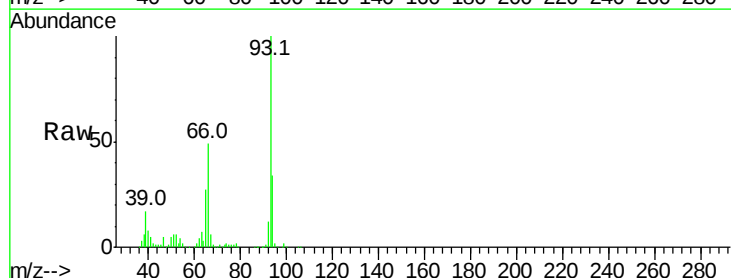
Tgt Ion: 93 Resp: 603054

Ion Ratio Lower Upper

93 100

66 48.5 32.2 48.2#

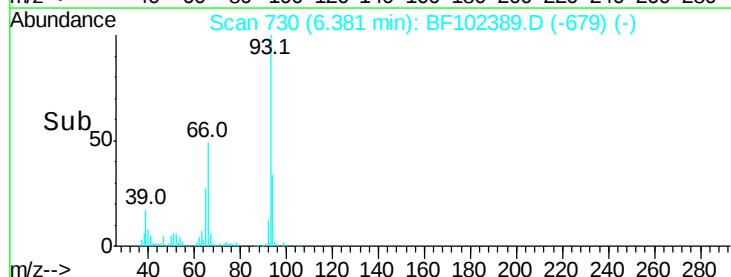
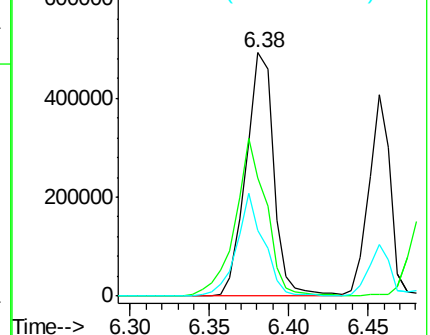
65 26.9 16.4 24.6#

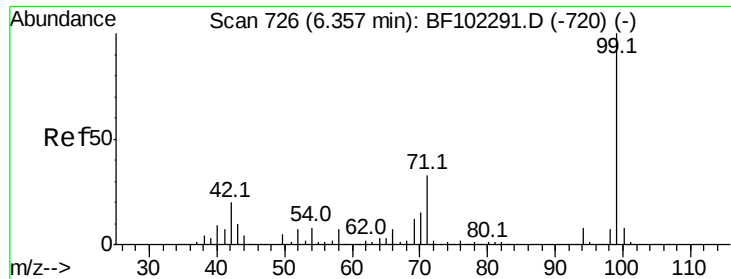


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.727 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampled :

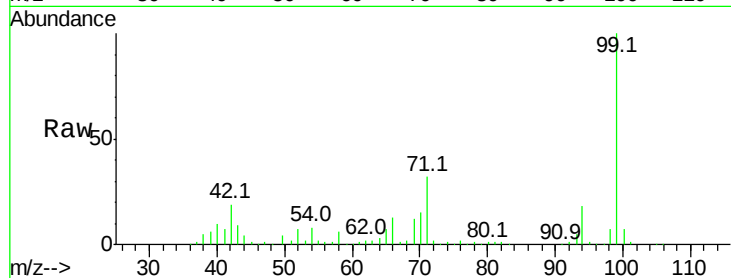
Tot Ion: 99 Resp: 907175

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.3 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

800000

600000

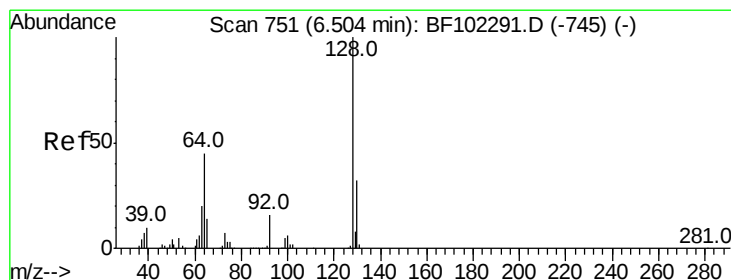
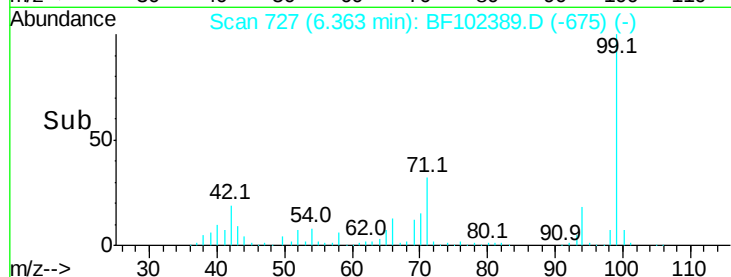
400000

200000

0

6.36

Time-->



#8

2-Chlorophenol

Concen: 40.265 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

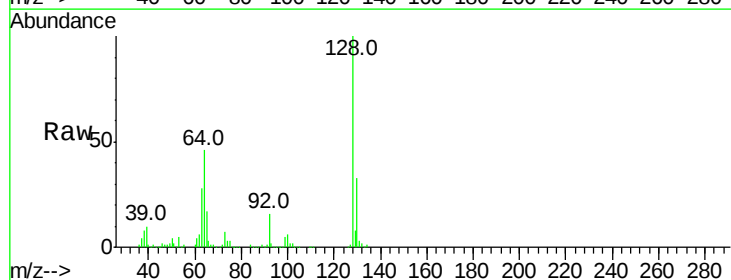
Tgt Ion:128 Resp: 398366

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 45.5 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

600000

500000

400000

300000

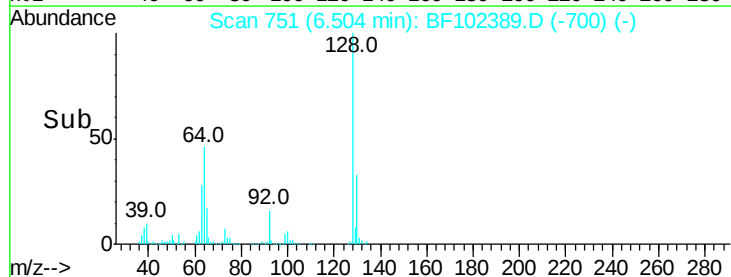
200000

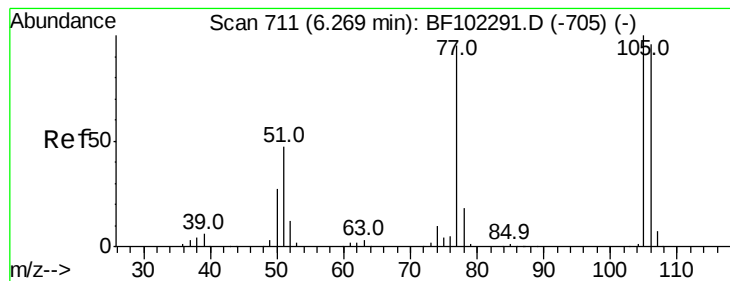
100000

0

6.50

Time-->





#9

Benzaldehyde

Concen: 40.038 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampleId :

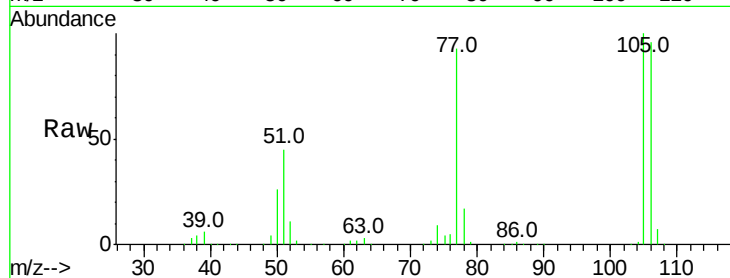
Tot Ion: 77 Resp: 252741

Ion Ratio Lower Upper

77 100

105 107.1 81.1 121.1

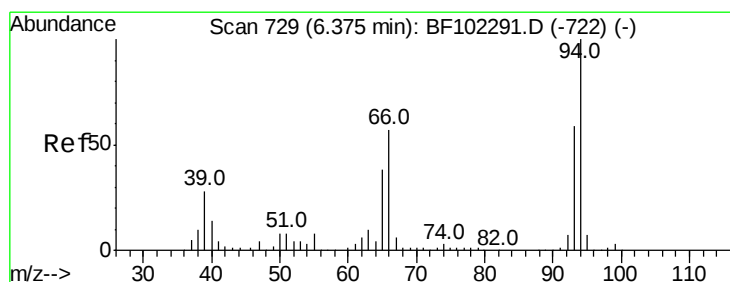
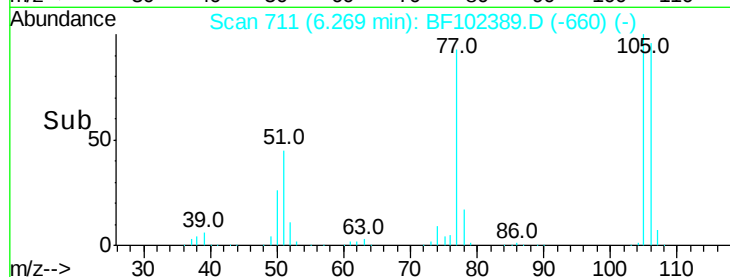
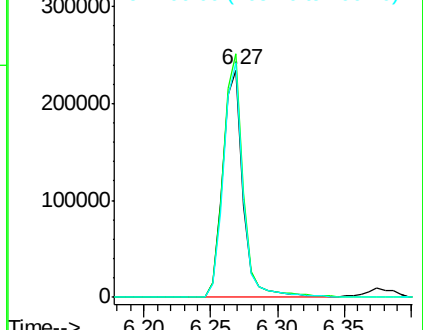
106 103.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.063 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

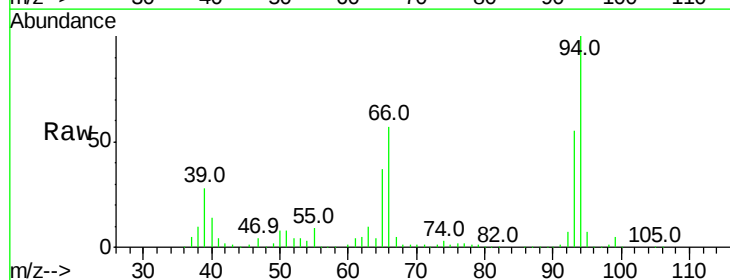
Tgt Ion: 94 Resp: 485251

Ion Ratio Lower Upper

94 100

65 36.7 7.9 47.9

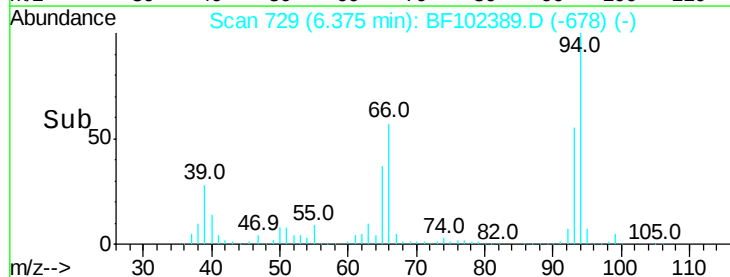
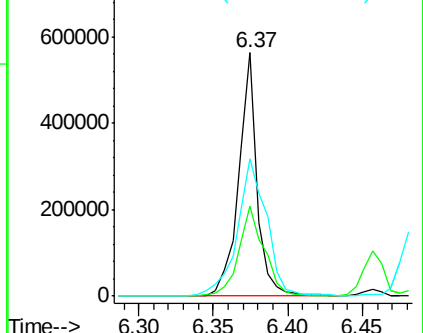
66 56.6 16.2 56.2#

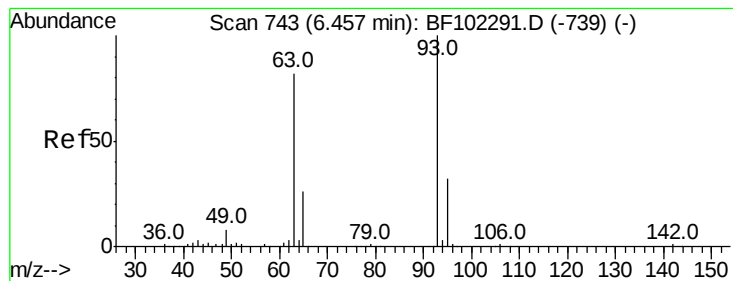


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.863 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampleId :

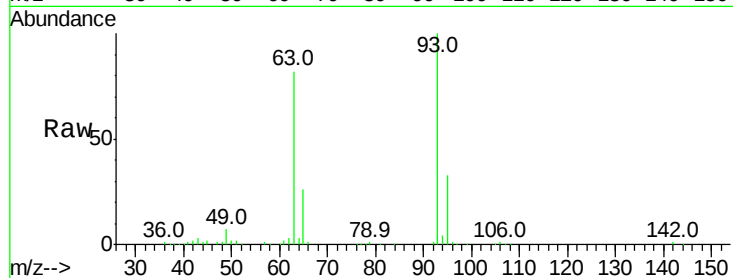
Tot Ion: 93 Resp: 376625

Ion Ratio Lower Upper

93 100

63 82.4 58.6 98.6

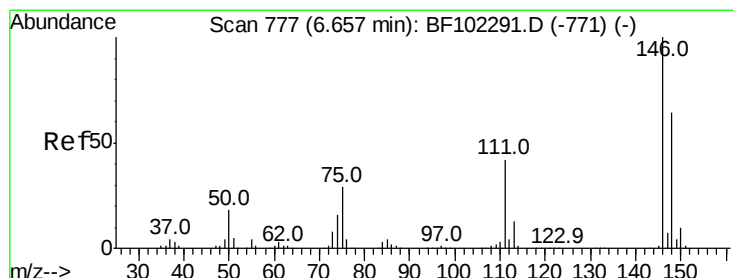
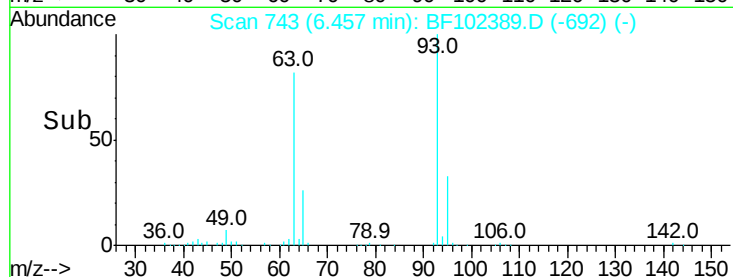
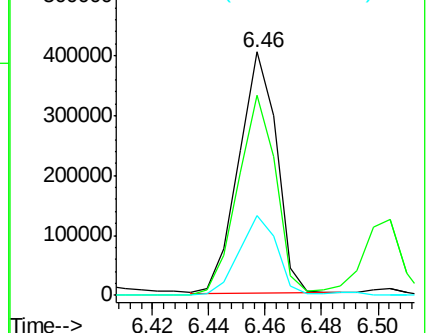
95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.312 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

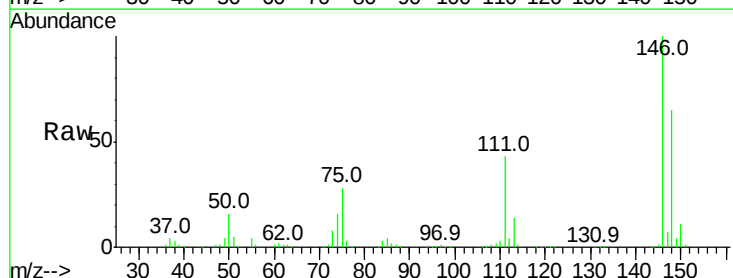
Tgt Ion: 146 Resp: 462562

Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.8

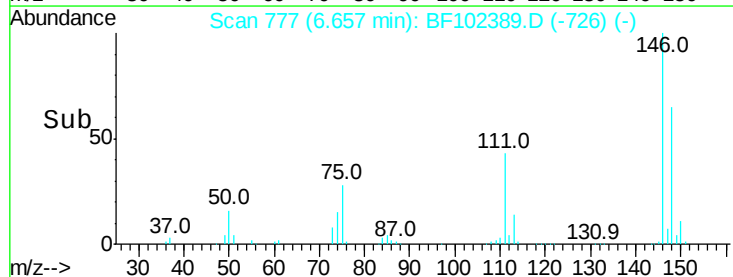
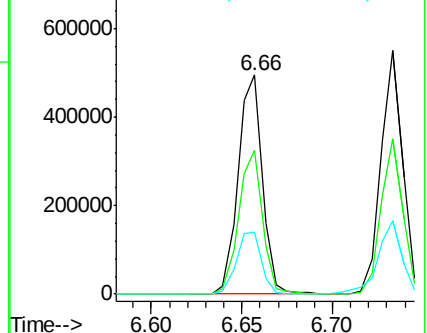
75 28.2 24.2 36.4

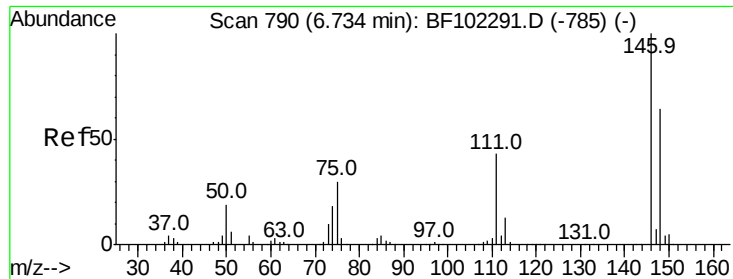


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.552 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampleId :

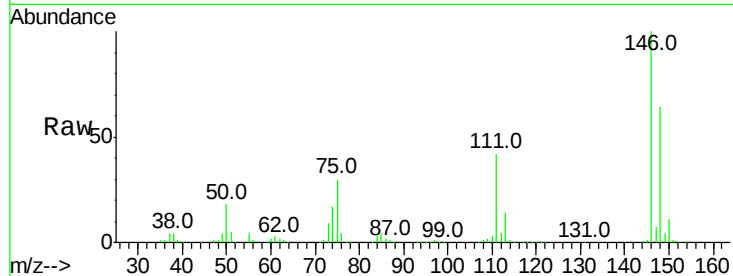
Tot Ion:146 Resp: 466189

Ion Ratio Lower Upper

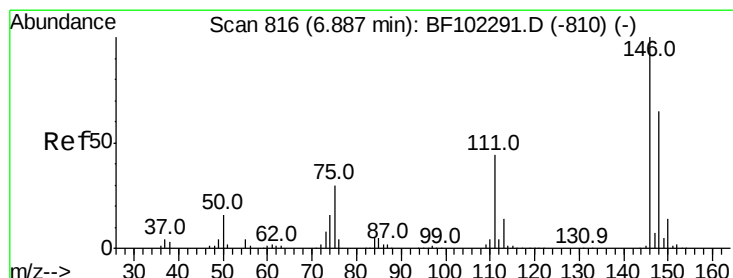
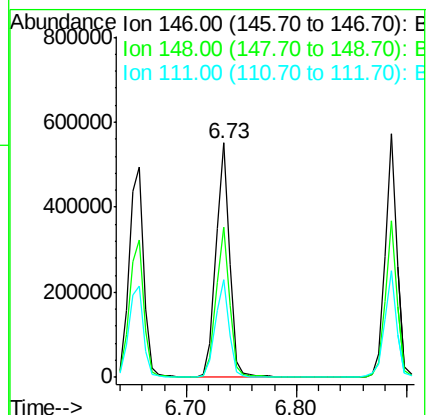
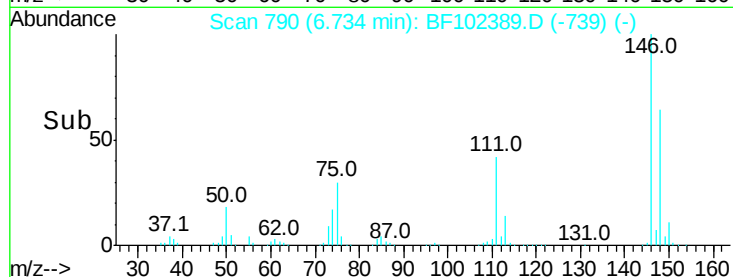
146 100

148 63.9 50.8 76.2

111 42.0 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: 39.916 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

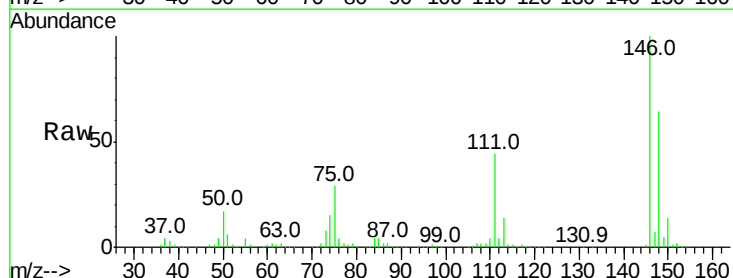
Tgt Ion:146 Resp: 430342

Ion Ratio Lower Upper

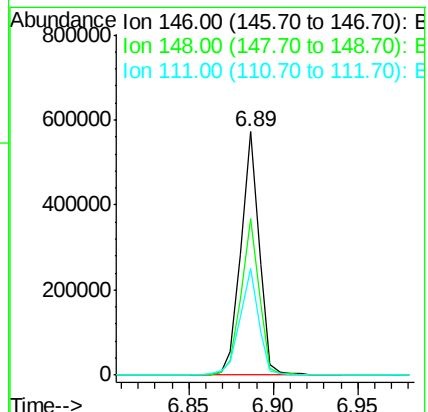
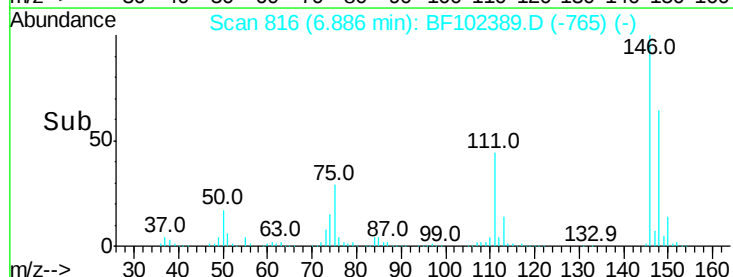
146 100

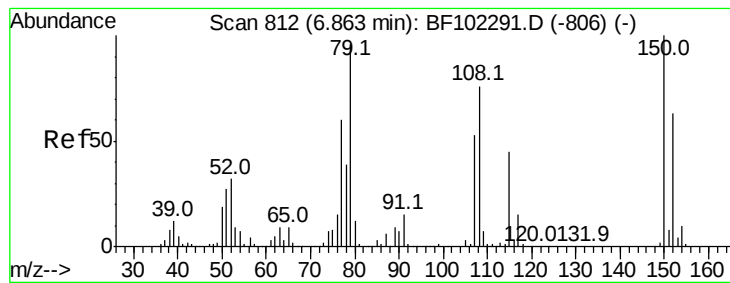
148 64.3 50.6 75.8

111 43.7 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: 38.855 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :
BNA_F
ClientSampleId :

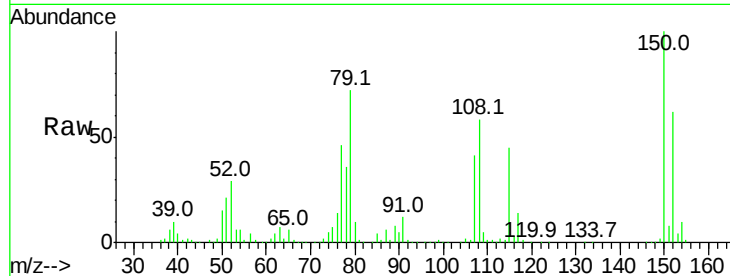
Tot Ion: 79 Resp: 311941

Ion Ratio Lower Upper

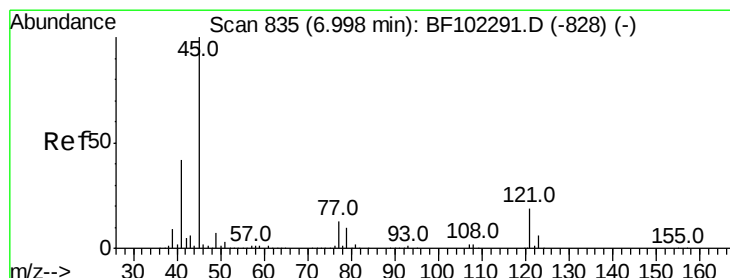
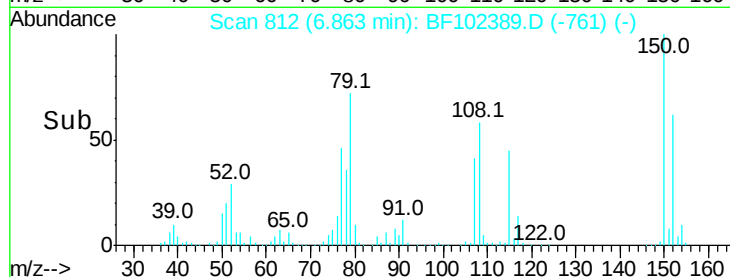
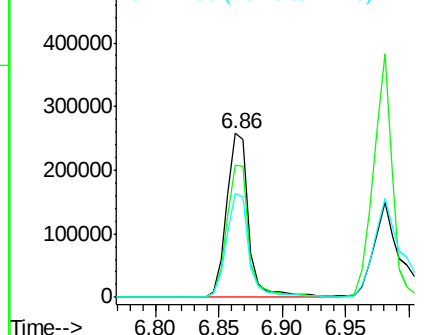
79 100

108 80.6 65.1 97.7

77 63.3 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: 39.536 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

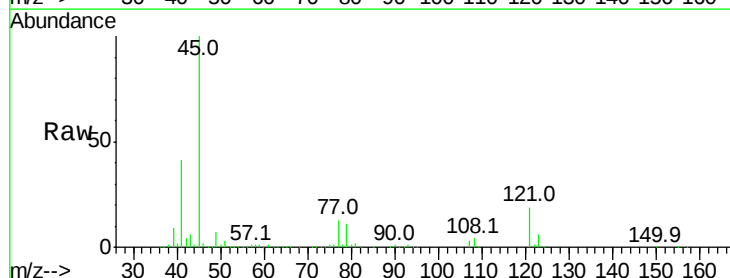
Tgt Ion: 45 Resp: 626483

Ion Ratio Lower Upper

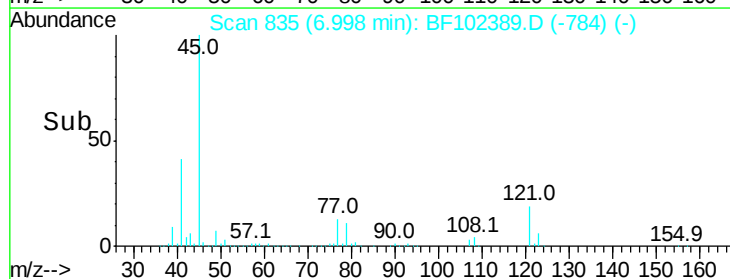
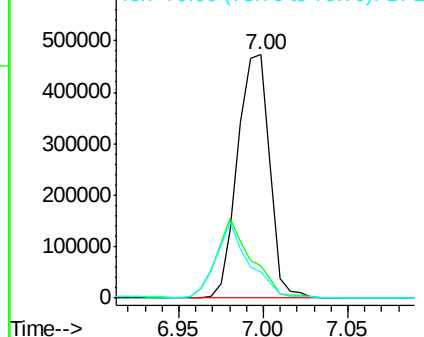
45 100

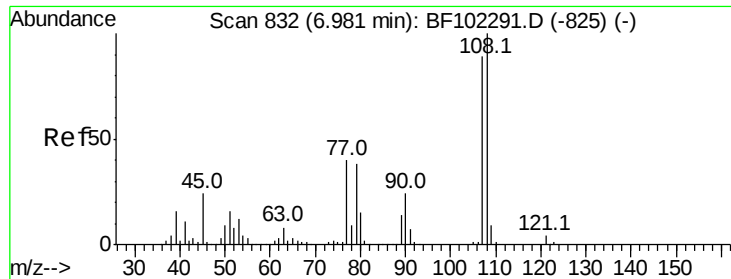
77 13.2 0.0 32.9

79 10.9 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

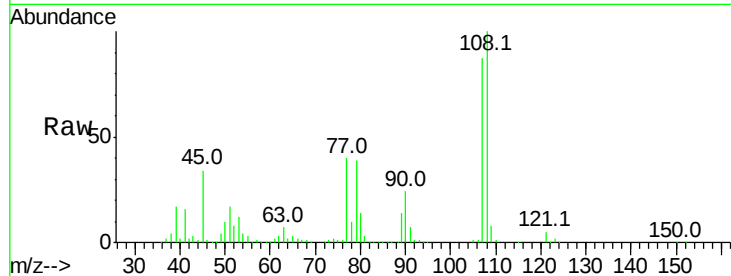




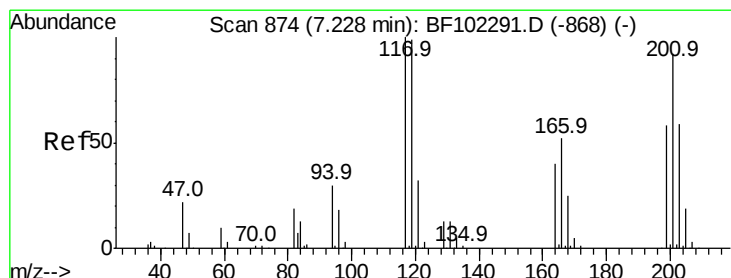
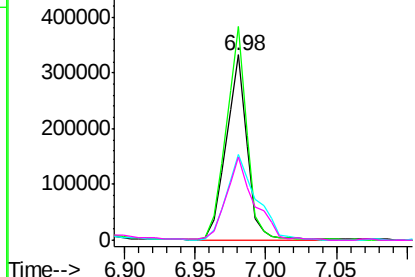
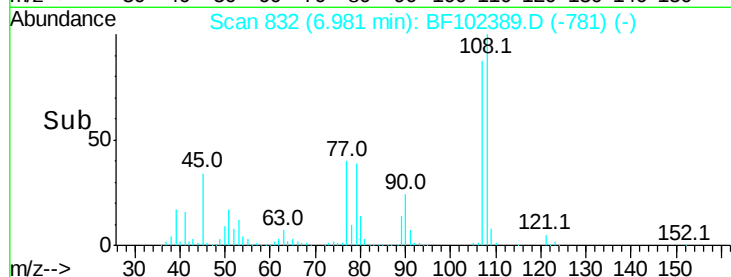
#17
2-Methylphenol
Concen: 39.809 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 342059
Ion Ratio Lower Upper
107 100
108 115.4 91.7 137.5
77 46.7 33.8 50.8
79 44.8 33.8 50.8

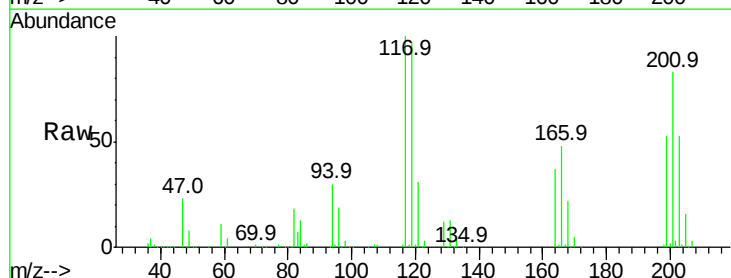


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
300000
200000
100000
0

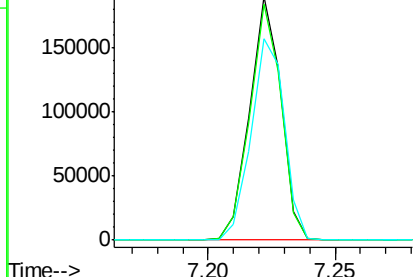
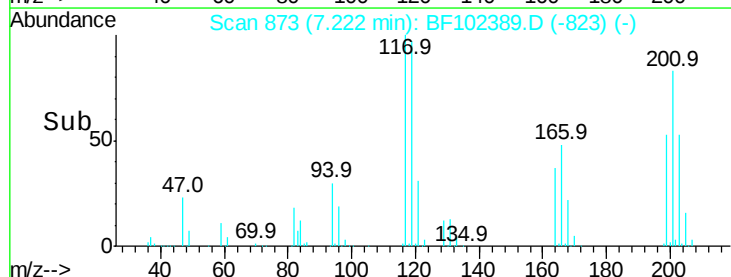


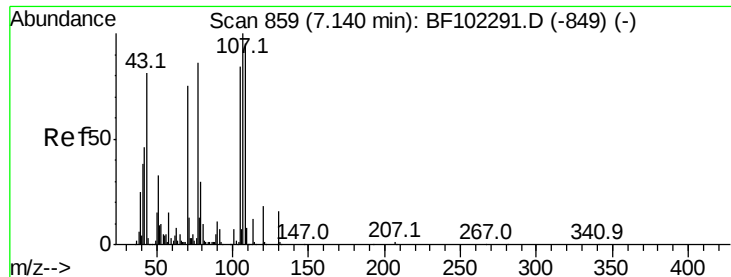
#18
Hexachloroethane
Concen: 39.893 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

Tgt Ion:117 Resp: 163854
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.8
201 82.6 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
200000
Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0

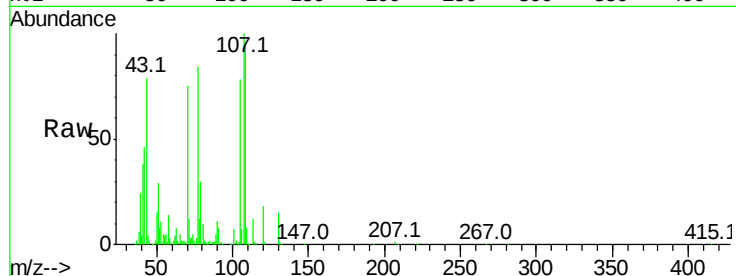




#19
n-Nitroso-di-n-propylamine
Concen: 39.247 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.5	47.5	71.3
101	9.2	7.4	11.2
130	20.0	16.6	25.0

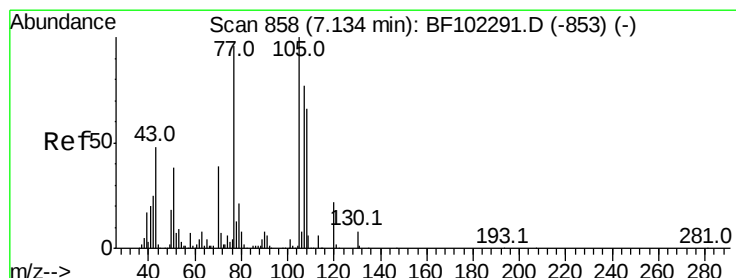
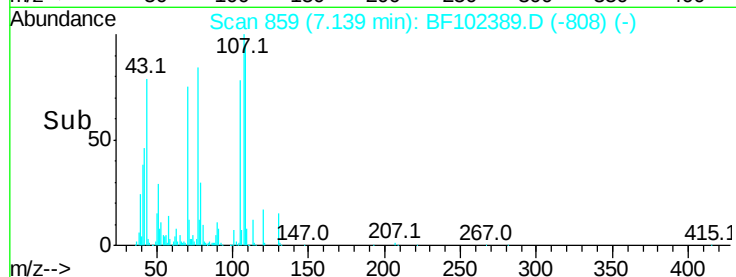
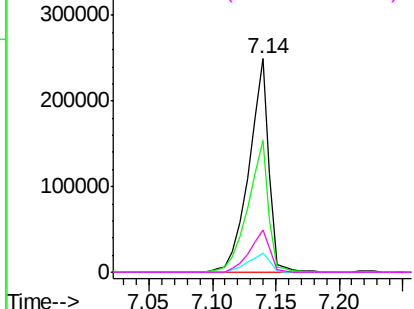


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 40.097 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

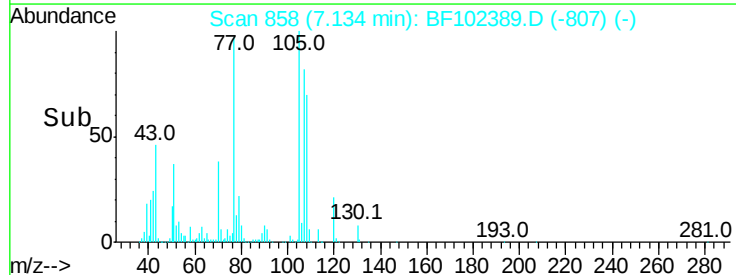
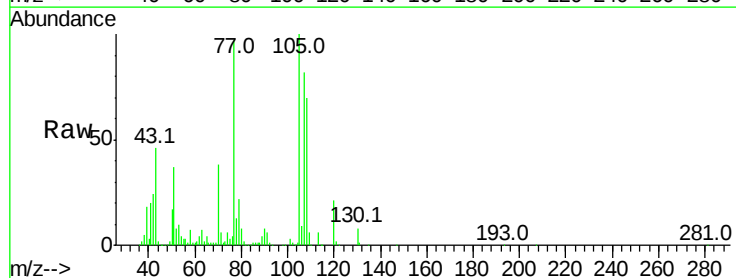
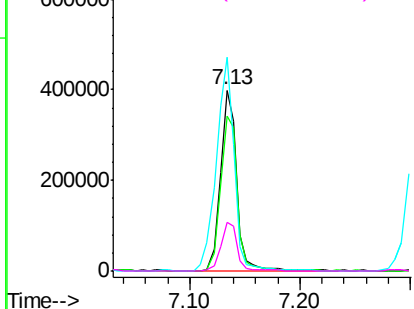
Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	68.2	108.2
77	118.0	26.7	66.7#
79	26.6	6.3	46.3

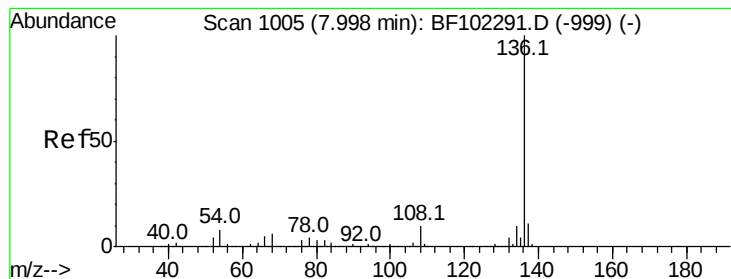
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 593457

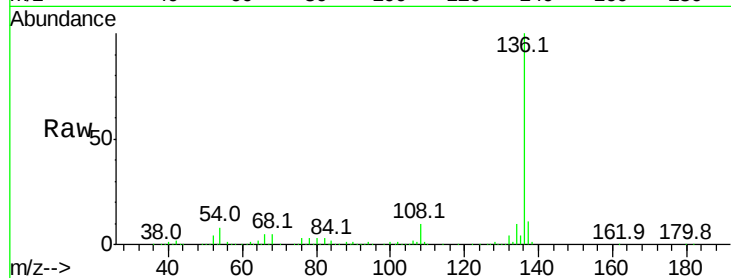
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.1 6.6 9.8

68 5.5 5.0 7.4

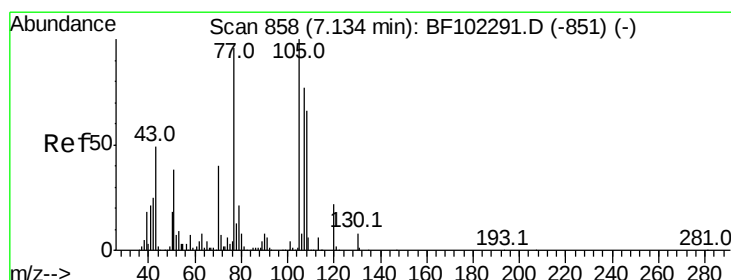
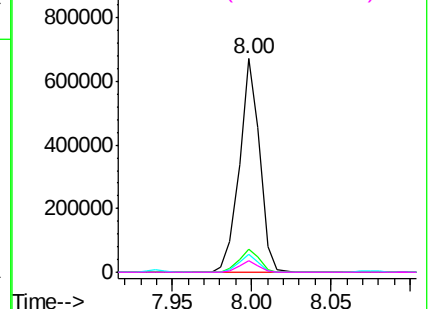
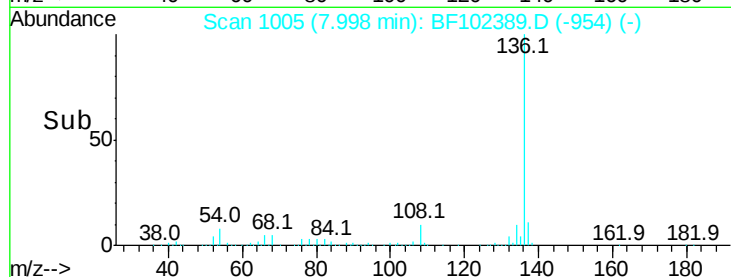


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.951 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Tgt Ion:105 Resp: 551038

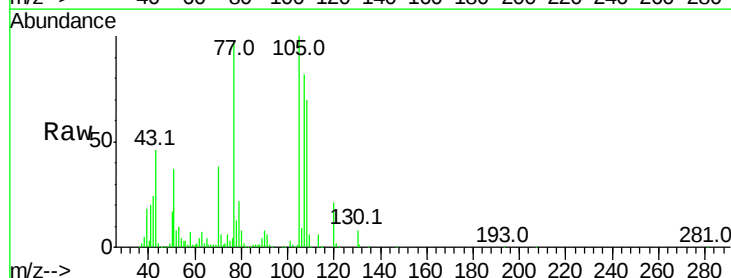
Ion Ratio Lower Upper

105 100

71 6.2 4.4 6.6

51 36.8 22.3 33.5#

120 20.6 16.9 25.3

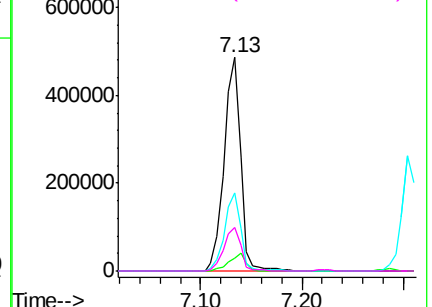
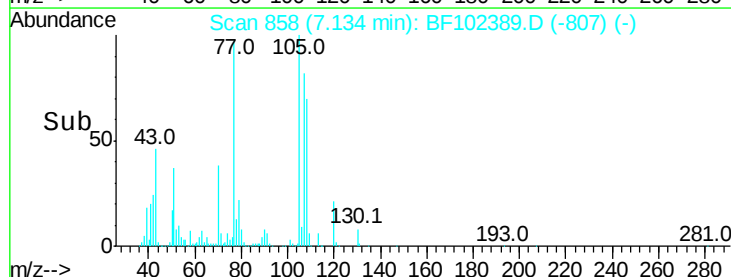


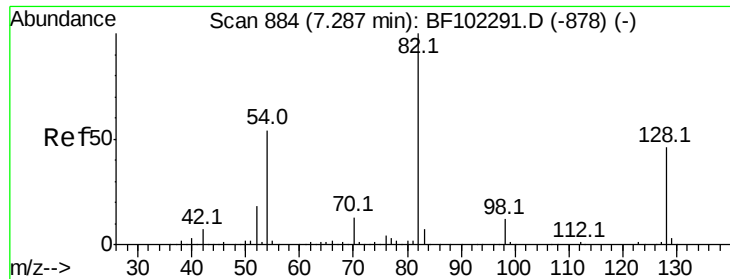
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

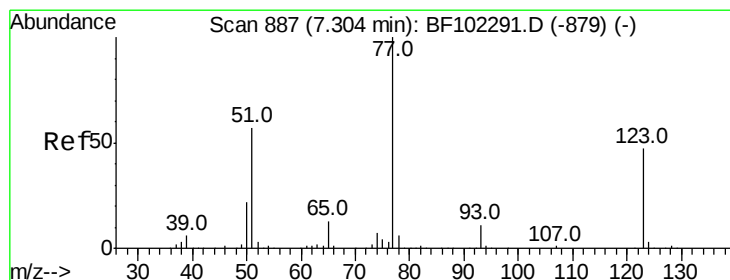
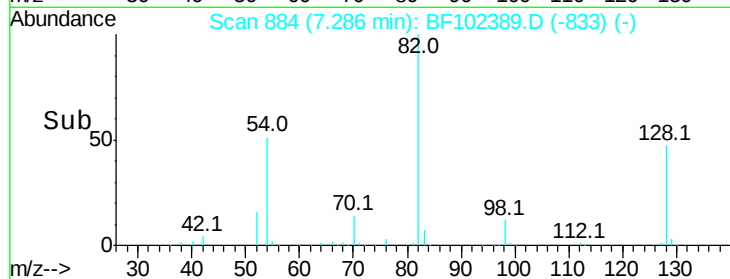
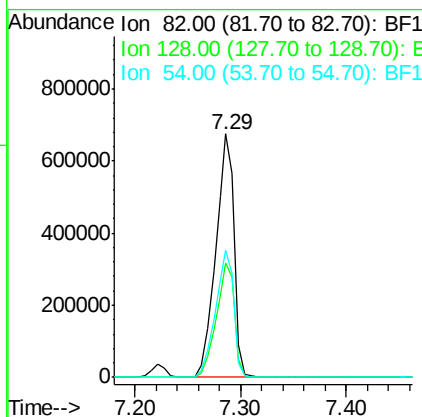
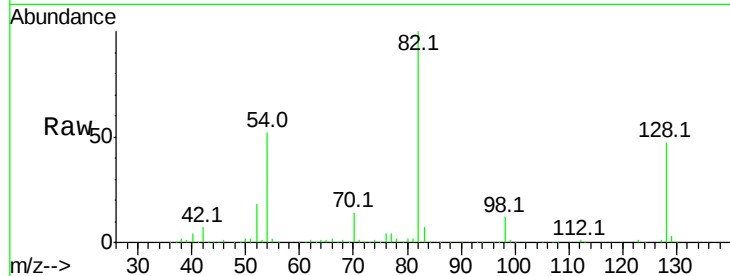




#23
Nitrobenzene-d5
Concen: 79.560 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

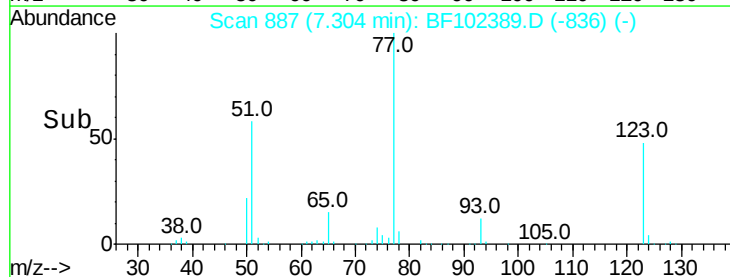
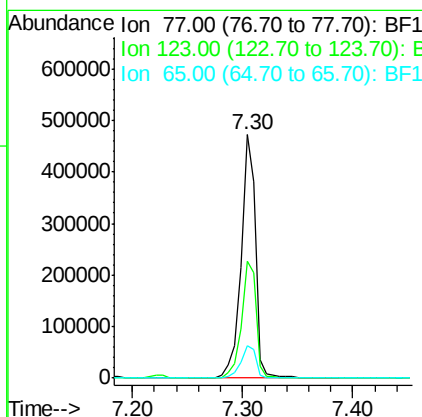
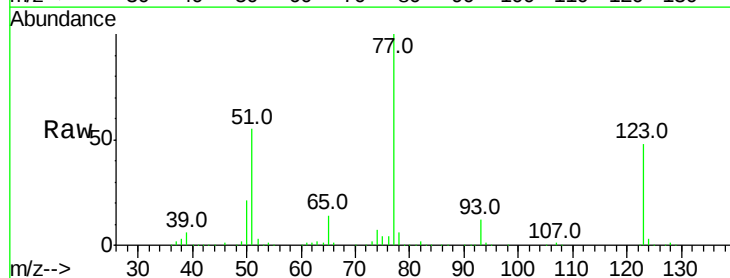
Instrument :
BNA_F
ClientSampled :

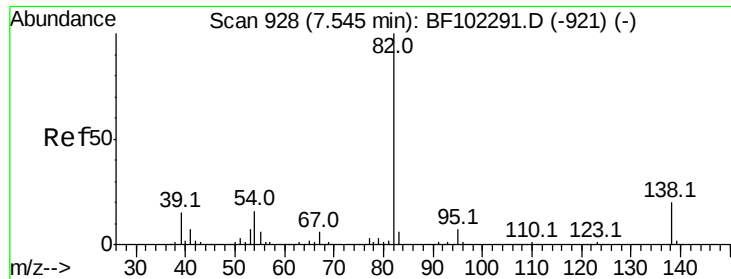
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.1	54.1
54	52.5	41.4	62.2



#24
Nitrobenzene
Concen: 40.566 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 40.410 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampleId :

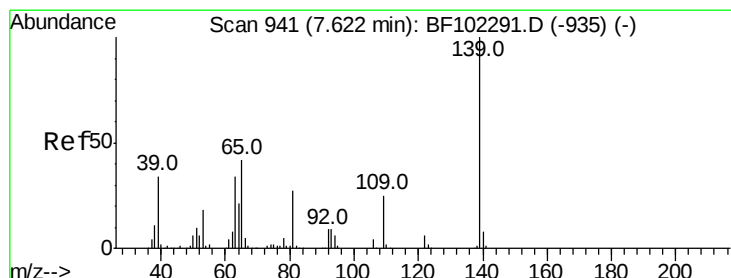
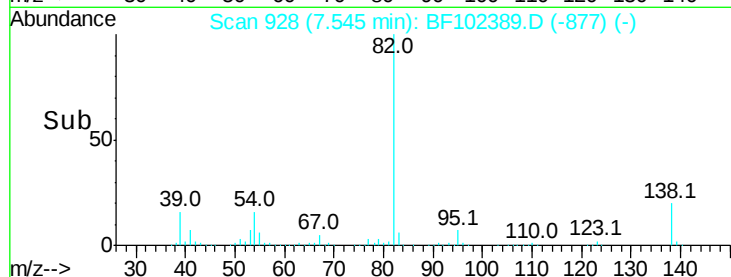
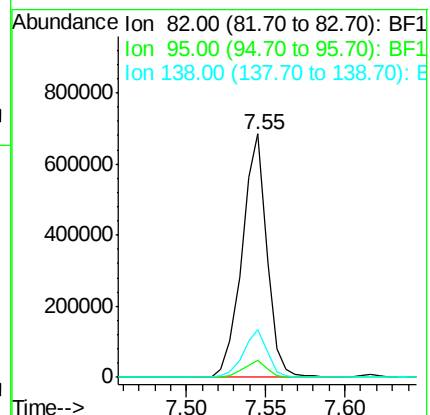
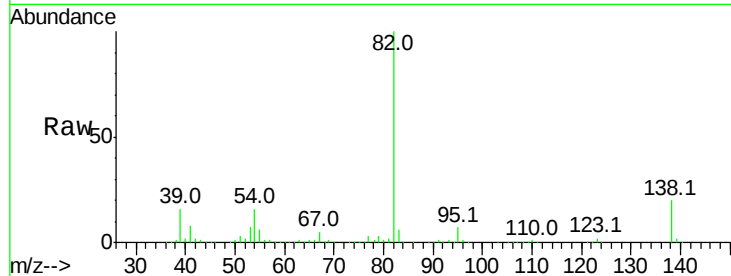
Tot Ion: 82 Resp: 743964

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 19.8 14.9 22.3



#26

2-Nitrophenol

Concen: 41.773 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

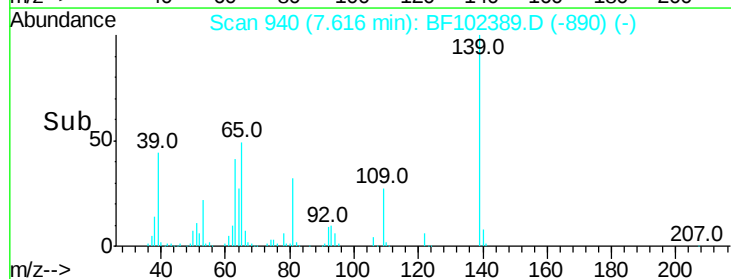
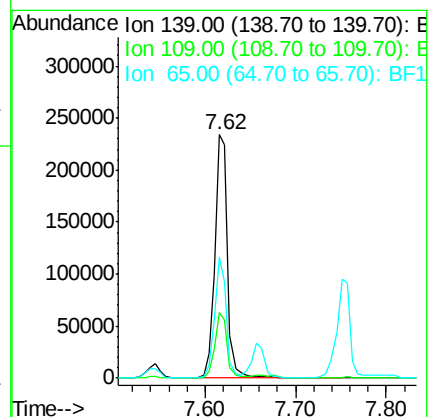
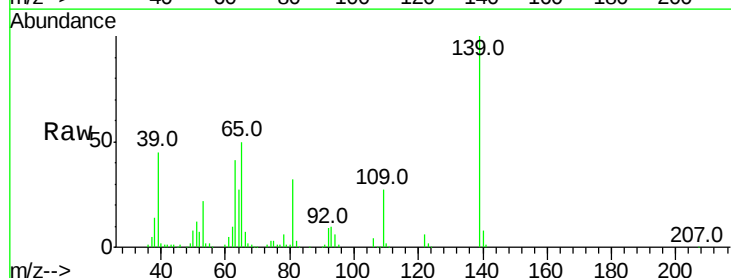
Tgt Ion: 139 Resp: 232351

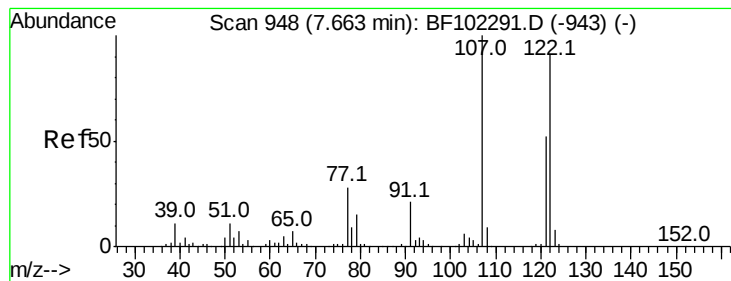
Ion Ratio Lower Upper

139 100

109 27.0 22.7 34.1

65 49.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 39.845 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampled :

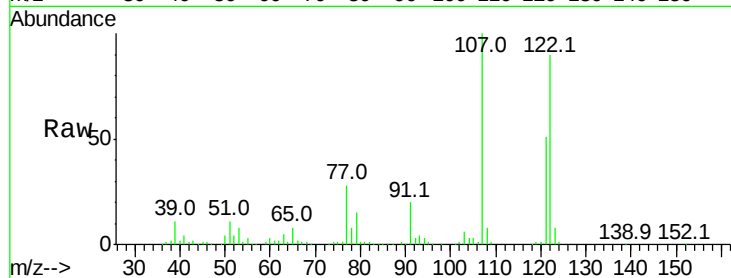
Tot Ion:122 Resp: 321817

Ion Ratio Lower Upper

122 100

107 110.7 91.2 136.8

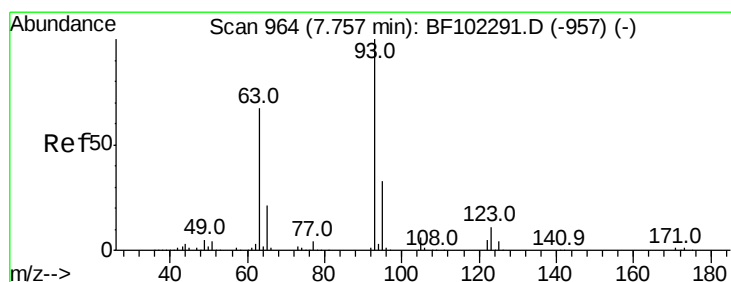
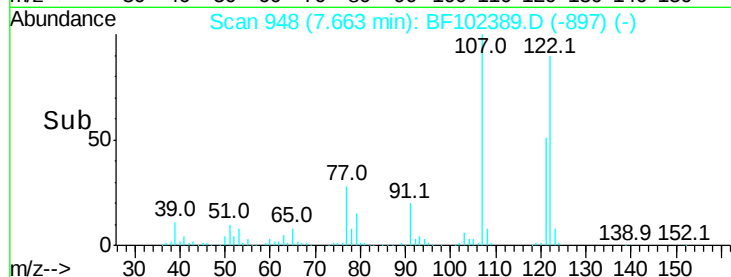
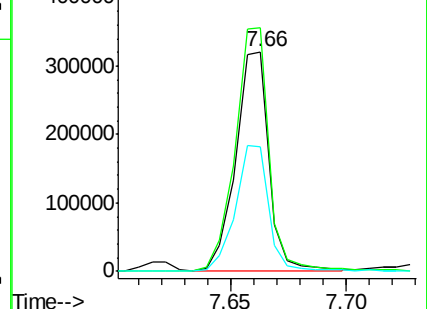
121 56.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.642 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

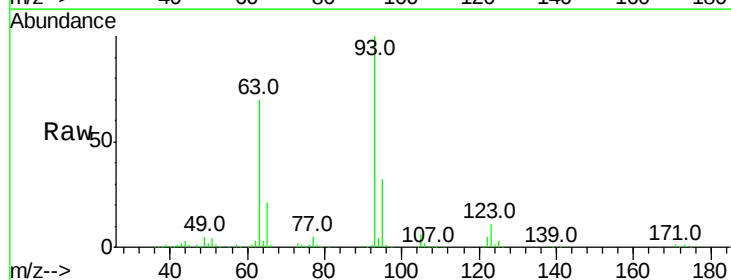
Tgt Ion: 93 Resp: 462208

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

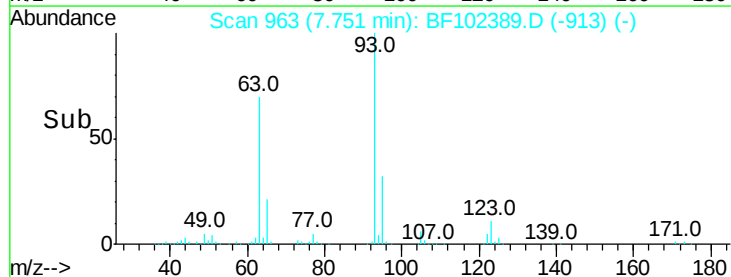
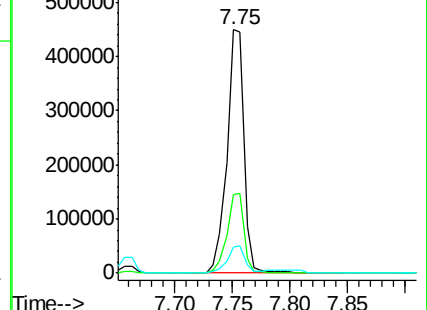
123 10.9 9.8 14.6

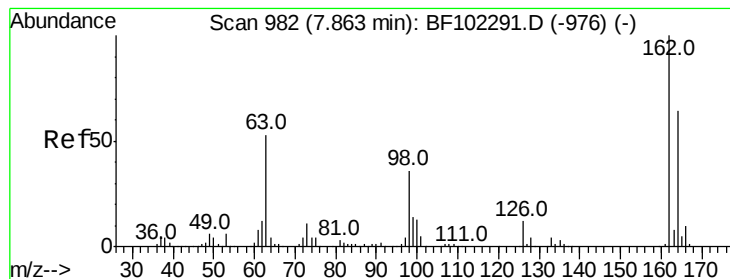


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.964 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampled :

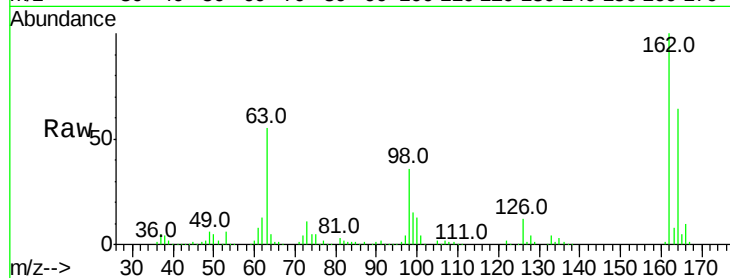
Tot Ion:162 Resp: 328784

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

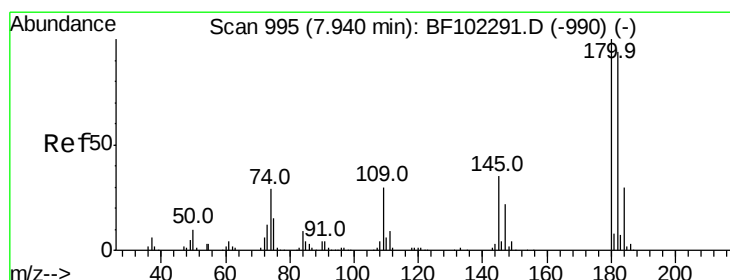
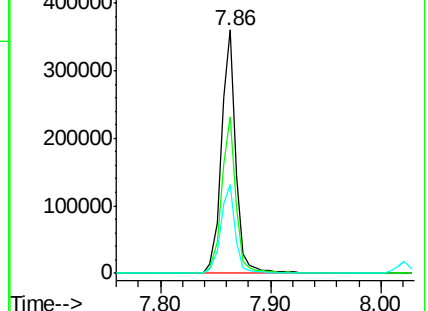
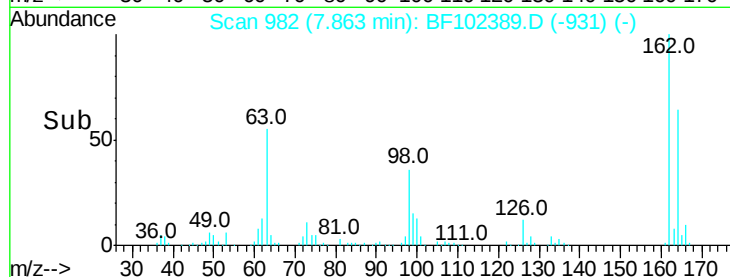
98 36.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.629 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

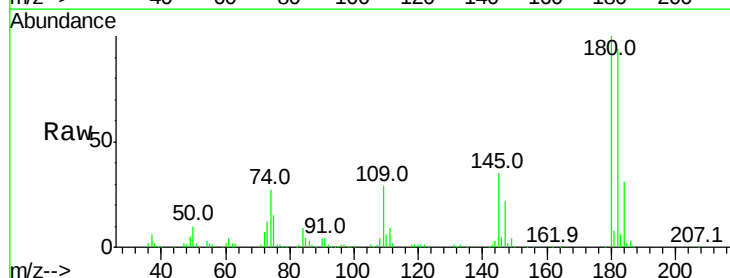
Tgt Ion:180 Resp: 349487

Ion Ratio Lower Upper

180 100

182 94.1 76.8 115.2

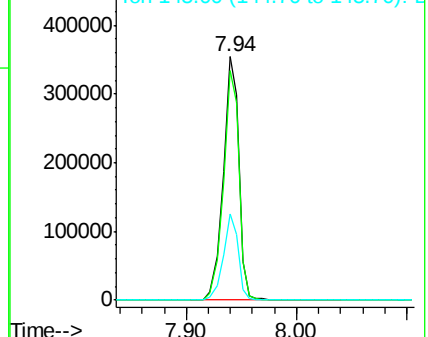
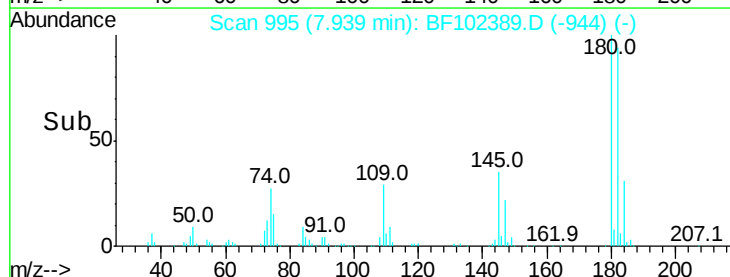
145 35.2 26.5 39.7

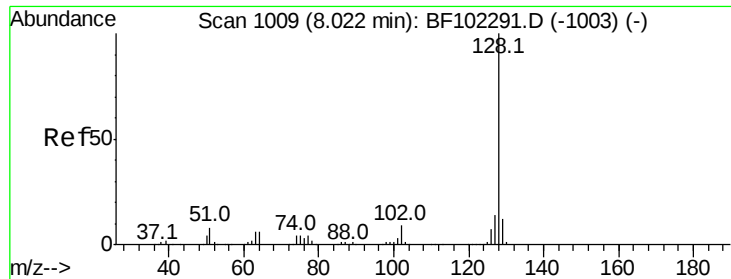


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

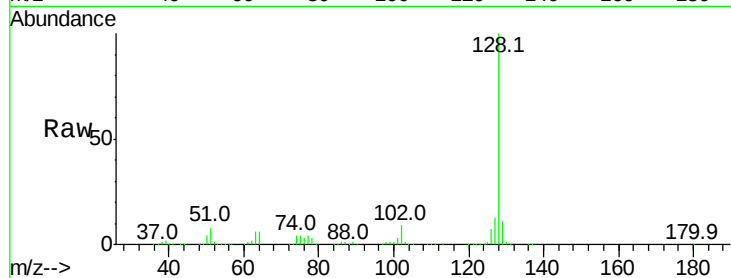




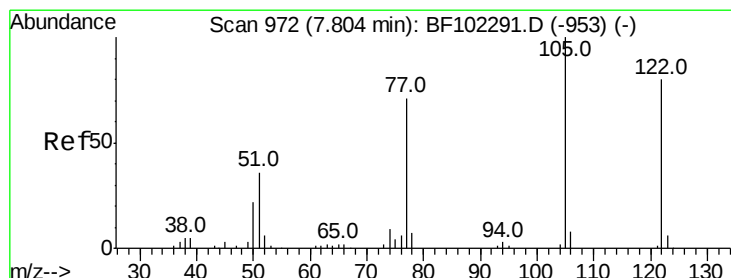
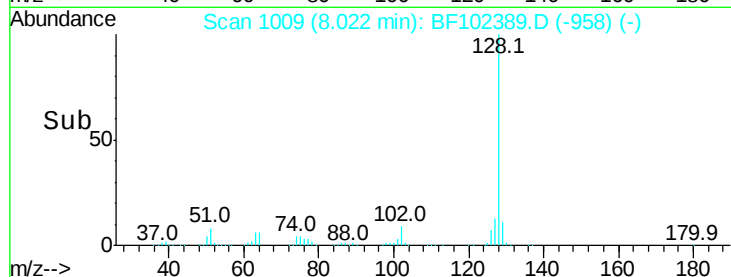
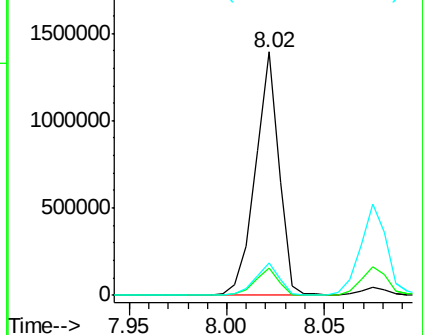
#31
Naphthalene
Concen: 39.271 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1163602
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.9 16.3

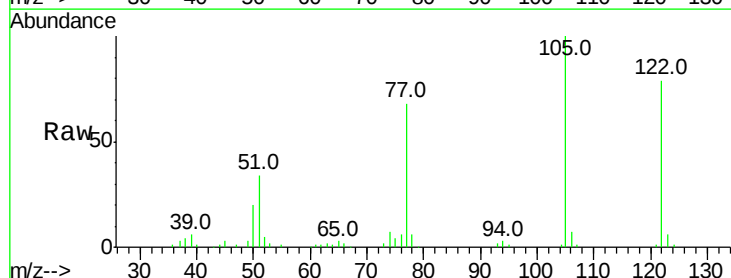


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

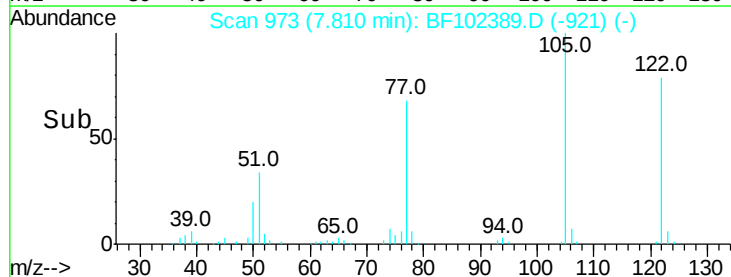
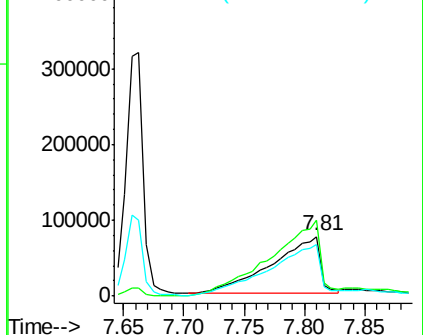


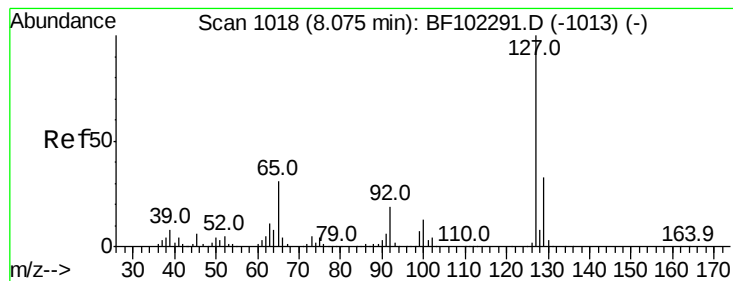
#32
Benzoic acid
Concen: 31.368 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

Tgt Ion:122 Resp: 212257
Ion Ratio Lower Upper
122 100
105 126.2 101.1 141.1
77 86.3 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: 40.508 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 504725

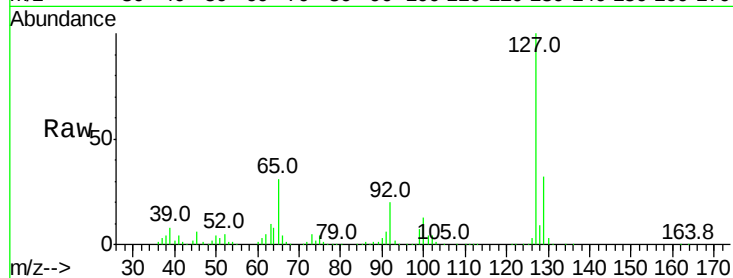
Ion Ratio Lower Upper

127 100

129 31.5 25.9 38.9

65 30.6 25.0 37.4

92 19.6 15.2 22.8

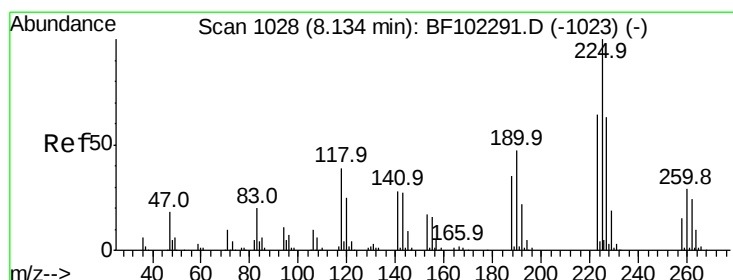
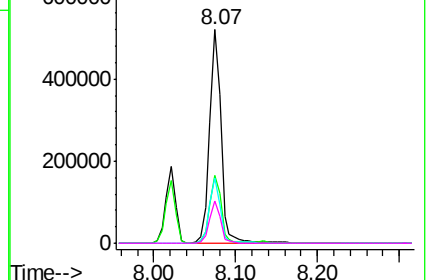
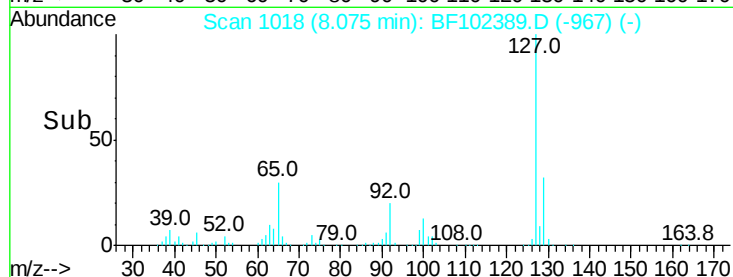


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.449 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

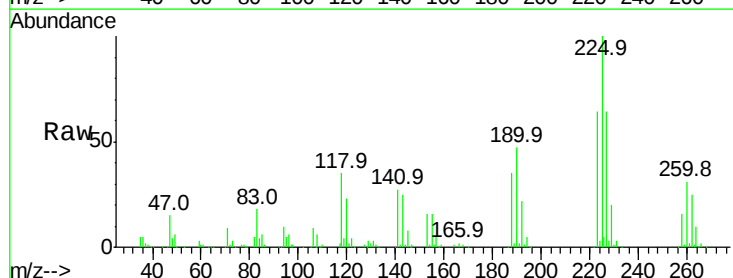
Tgt Ion:225 Resp: 185815

Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

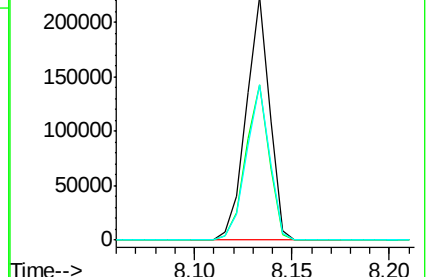
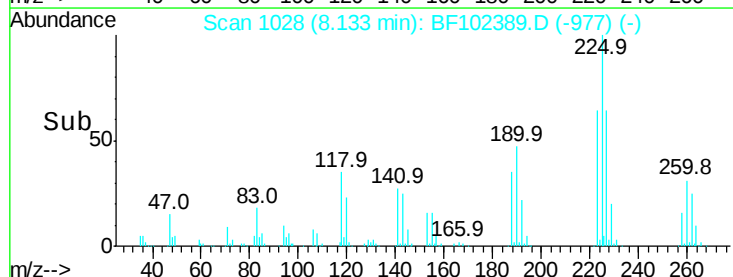
227 63.6 51.9 77.9

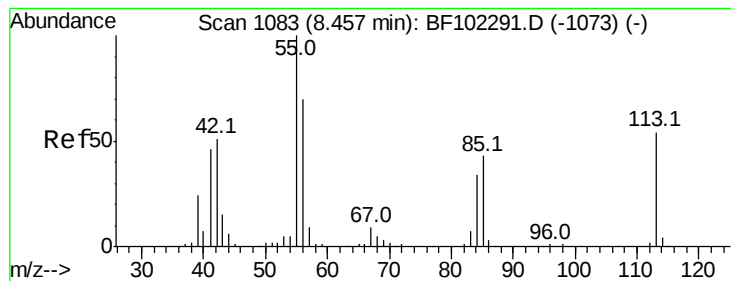


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.787 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.01 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampleId :

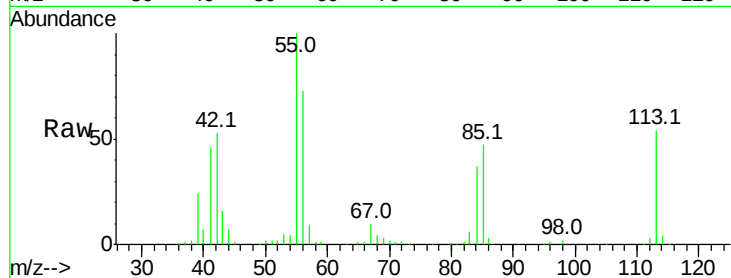
Tot Ion:113 Resp: 108104

Ion Ratio Lower Upper

113 100

55 185.1 163.3 203.3

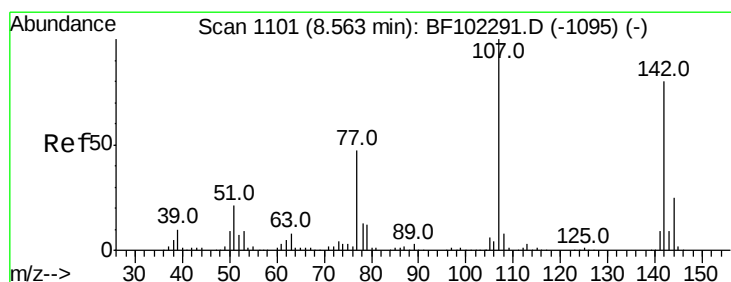
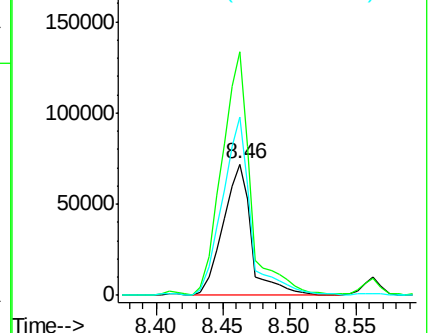
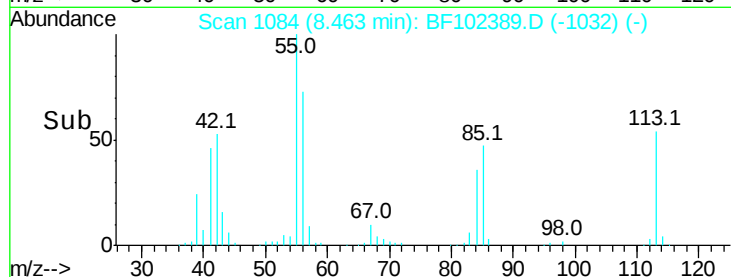
56 135.8 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 40.317 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

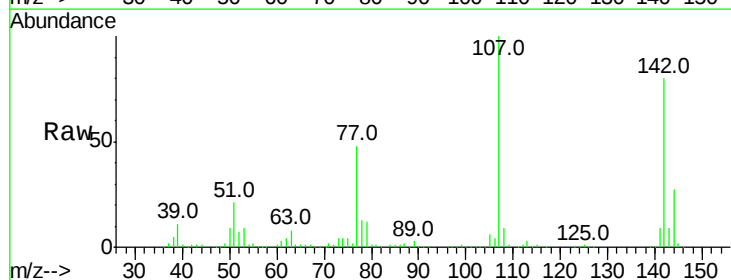
Tgt Ion:107 Resp: 349626

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

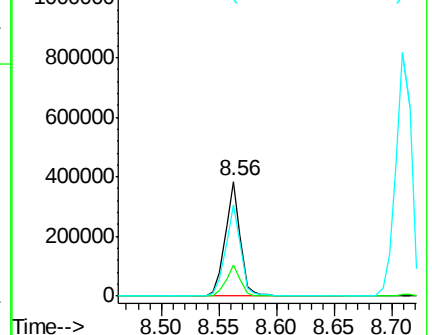
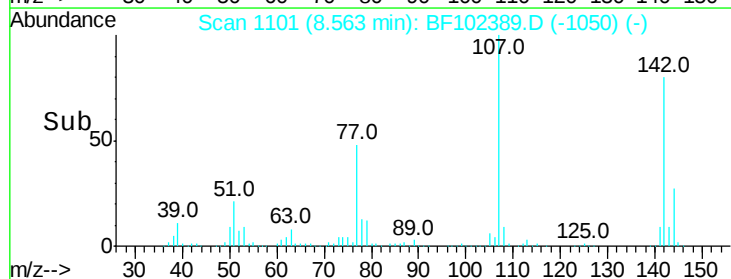
142 80.1 62.0 93.0

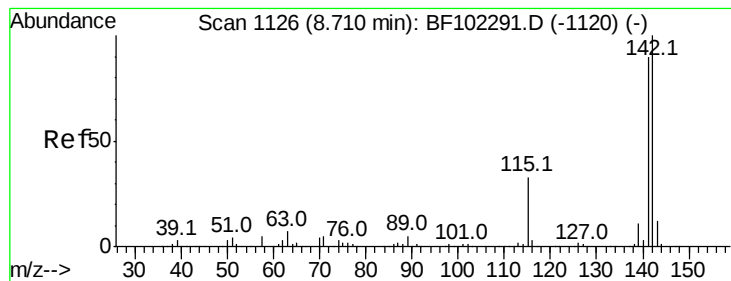


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.098 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampleId :

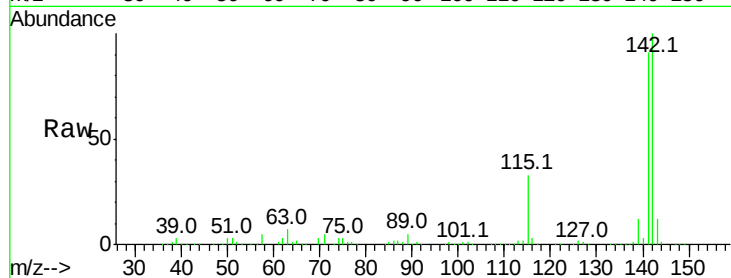
Tot Ion:142 Resp: 771528

Ion Ratio Lower Upper

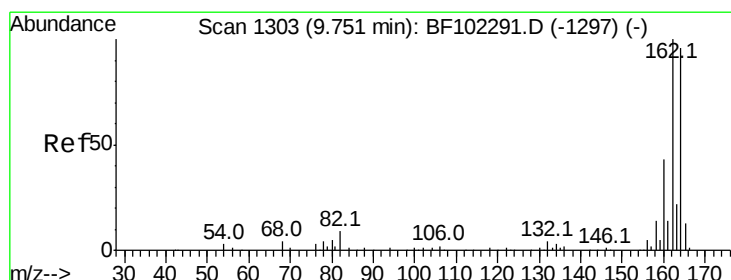
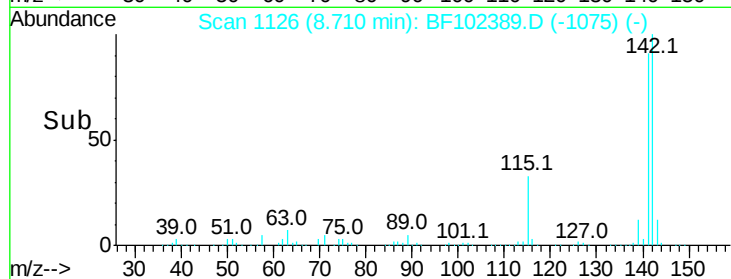
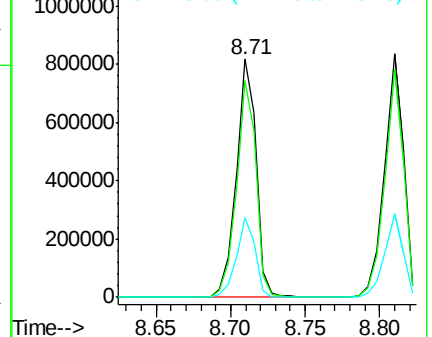
142 100

141 90.9 70.8 106.2

115 33.4 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

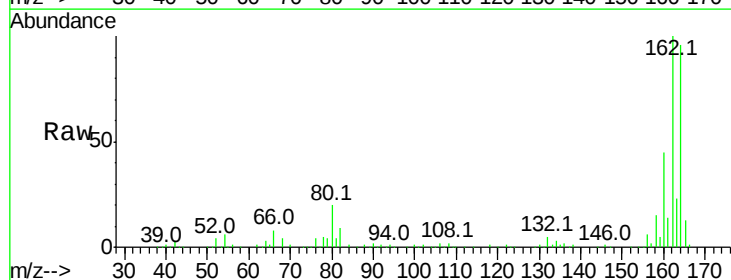
Tgt Ion:164 Resp: 264774

Ion Ratio Lower Upper

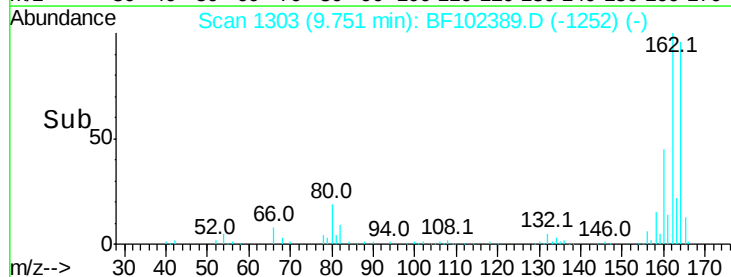
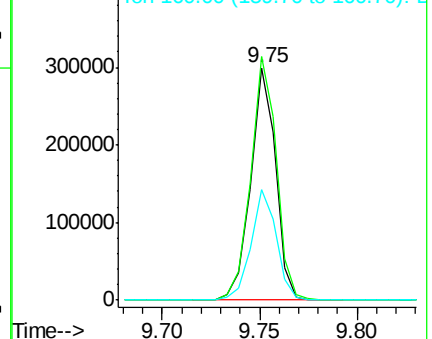
164 100

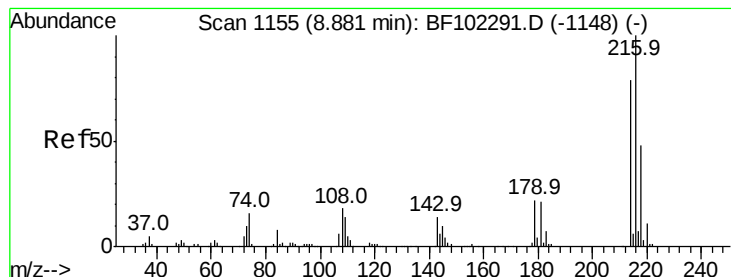
162 104.7 86.1 129.1

160 47.3 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.993 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 318583

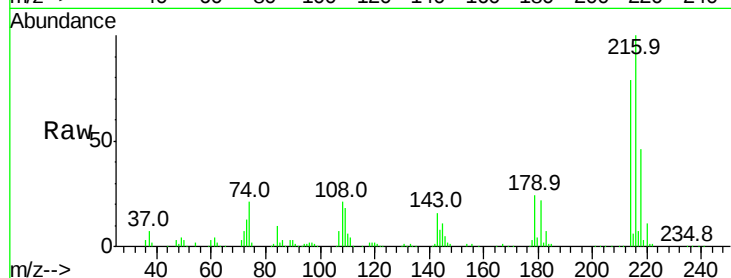
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.4

179 23.0 18.1 27.1

108 21.3 17.2 25.8

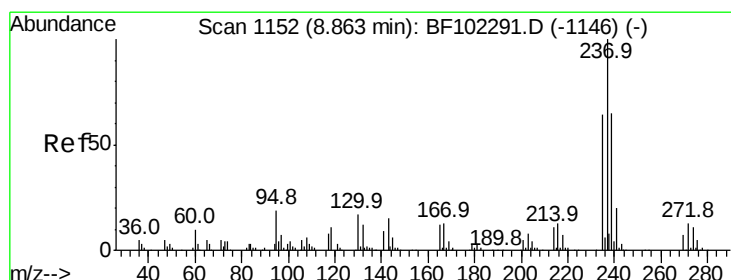
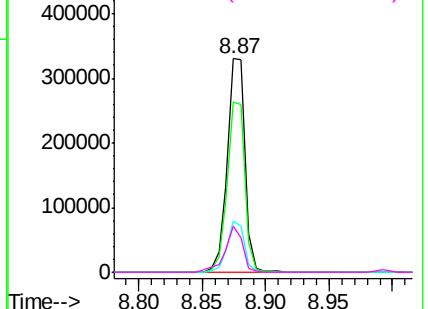
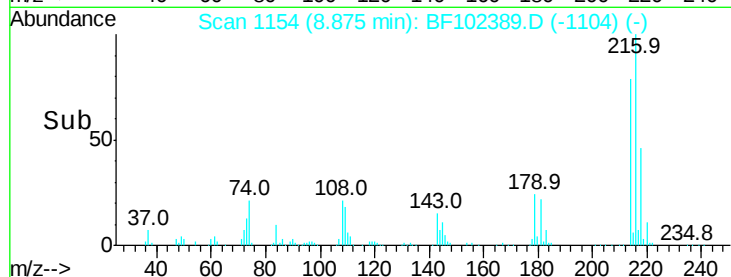


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.996 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

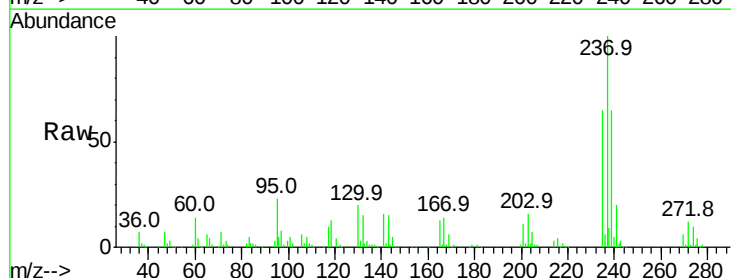
Tgt Ion:237 Resp: 139021

Ion Ratio Lower Upper

237 100

235 64.6 44.8 84.8

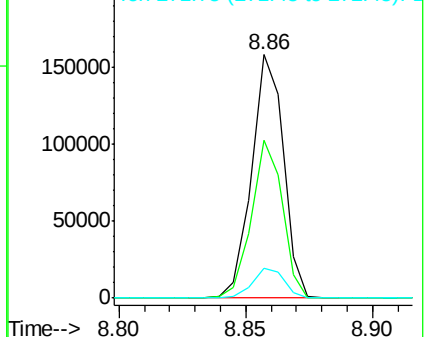
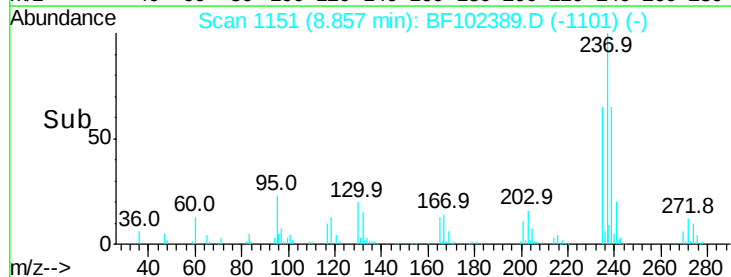
272 12.4 0.0 33.3

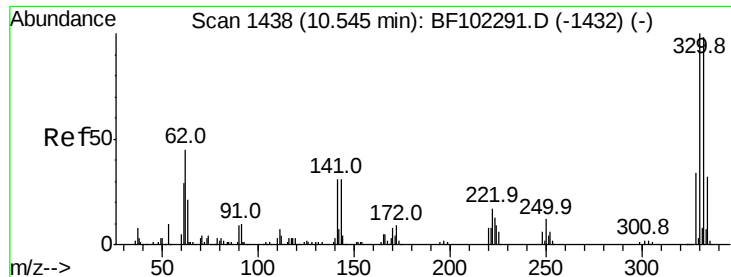


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 73.474 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampled :

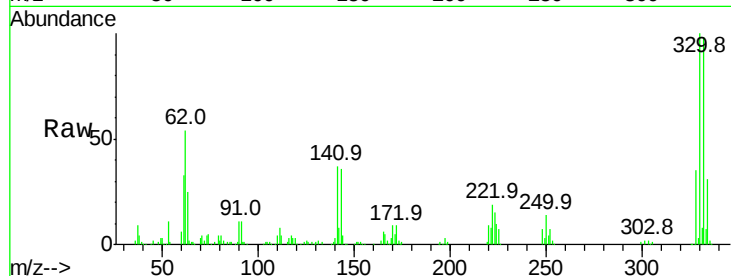
Tot Ion:330 Resp: 192760

Ion Ratio Lower Upper

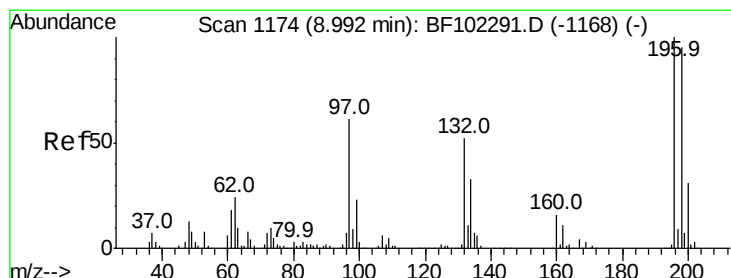
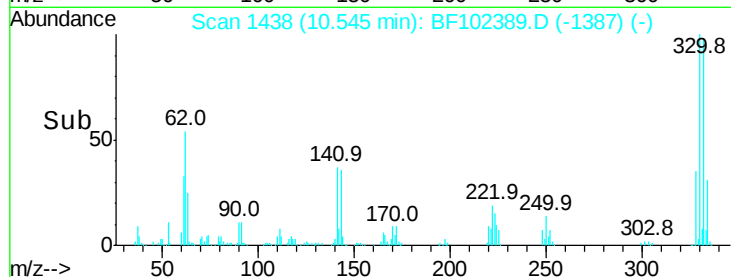
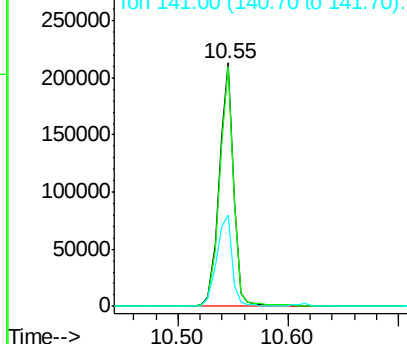
330 100

332 96.7 77.0 115.6

141 40.3 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: 39.720 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

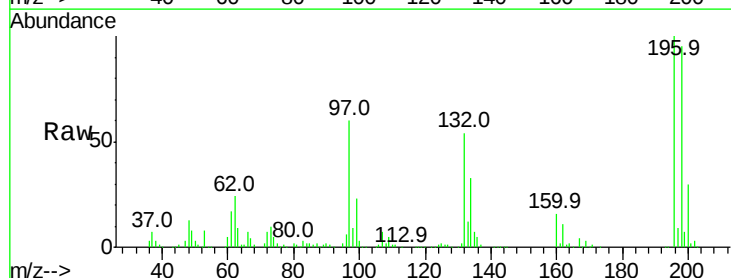
Tgt Ion:196 Resp: 211812

Ion Ratio Lower Upper

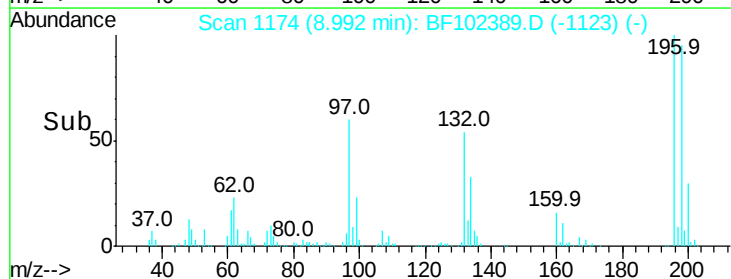
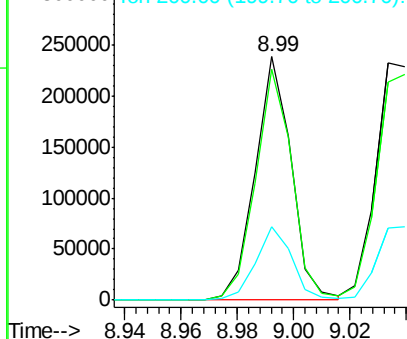
196 100

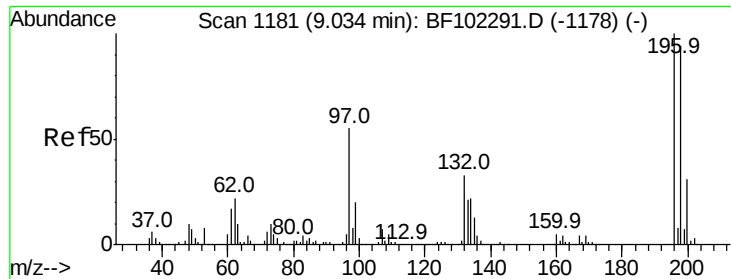
198 94.6 75.7 113.5

200 30.3 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

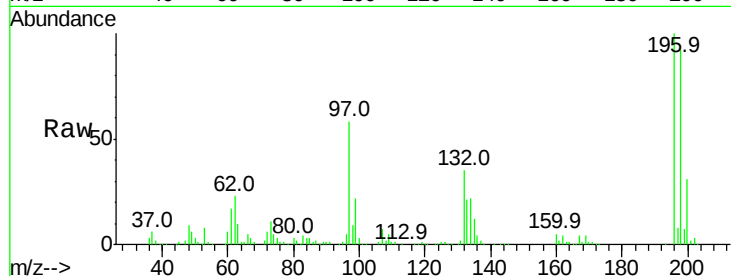




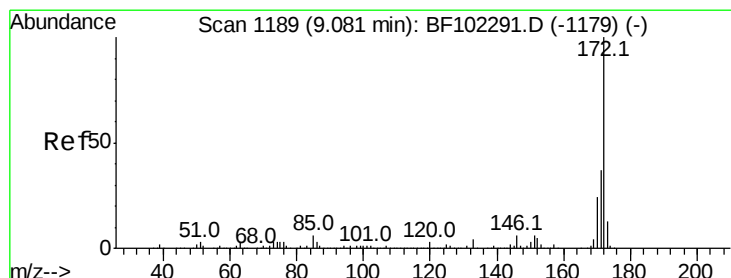
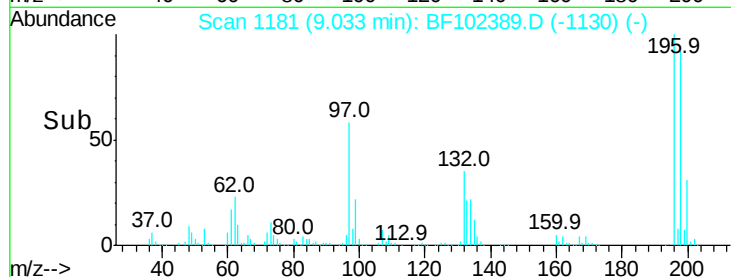
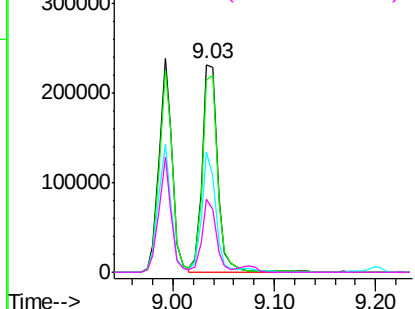
#43
 2,4,5-Trichlorophenol
 Concen: 40.979 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 246047
 Ion Ratio Lower Upper
 196 100
 198 92.2 74.6 112.0
 97 58.2 42.9 64.3
 132 35.1 26.3 39.5

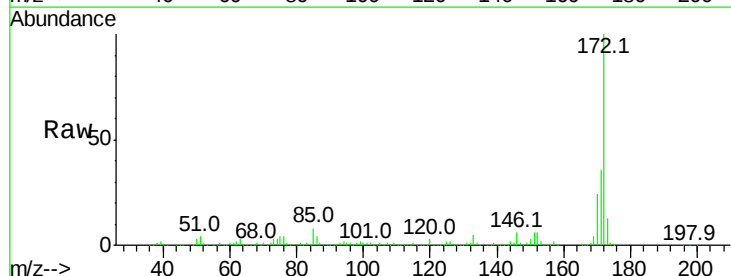


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

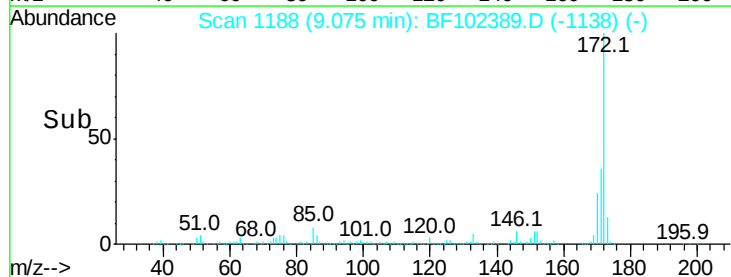
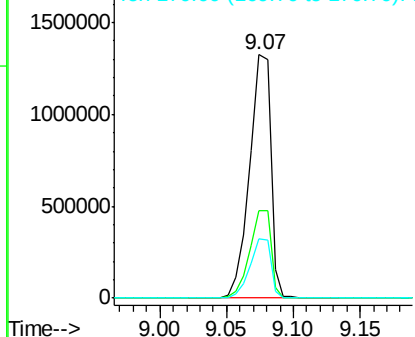


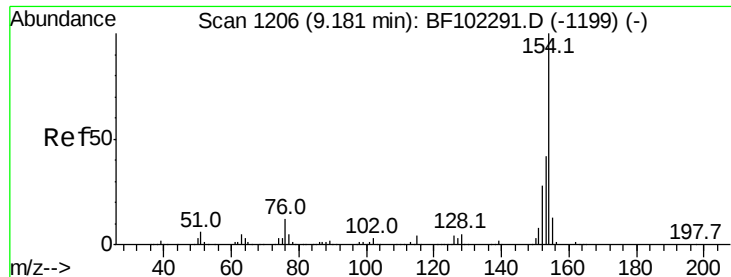
#44
 2-Fluorobiphenyl
 Concen: 80.142 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

Tgt Ion:172 Resp: 1443155
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.2 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 39.426 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampleId :

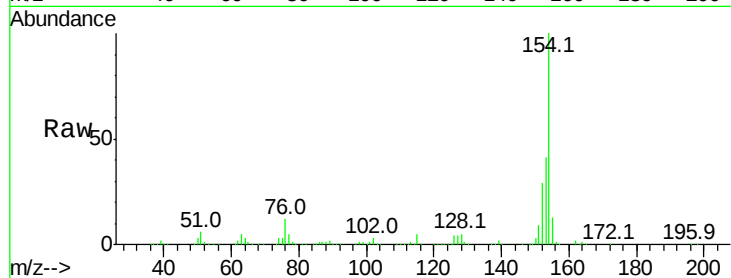
Tot Ion:154 Resp: 933417

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

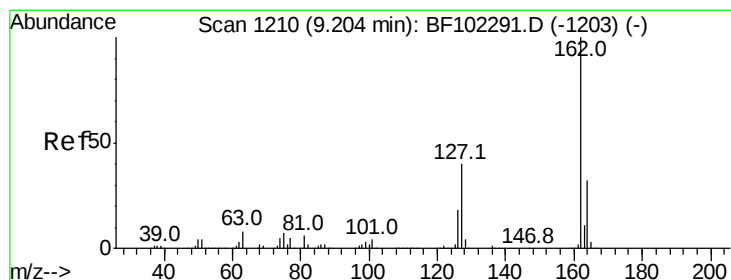
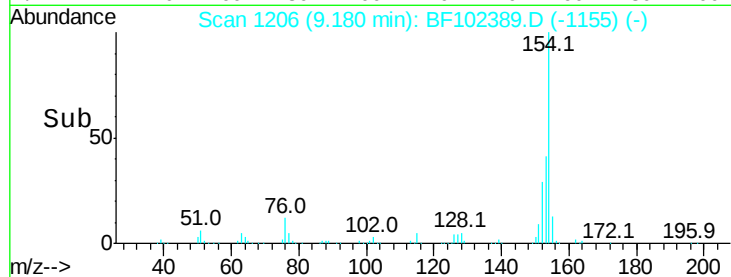
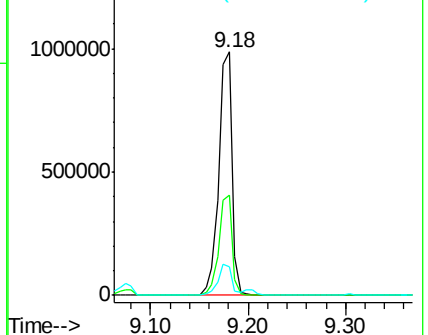
76 11.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 39.790 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

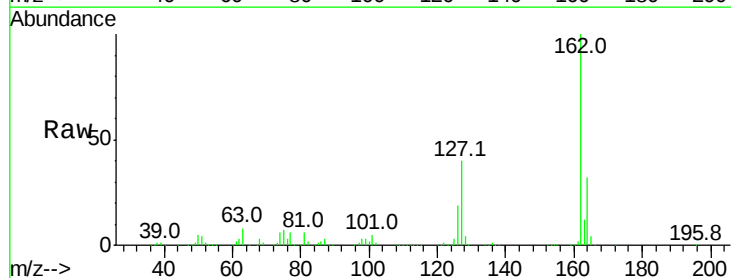
Tgt Ion:162 Resp: 732233

Ion Ratio Lower Upper

162 100

127 40.3 33.9 50.9

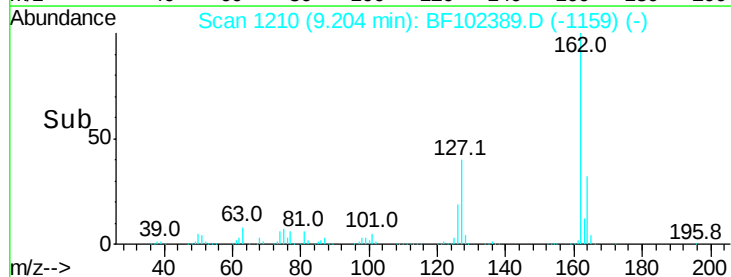
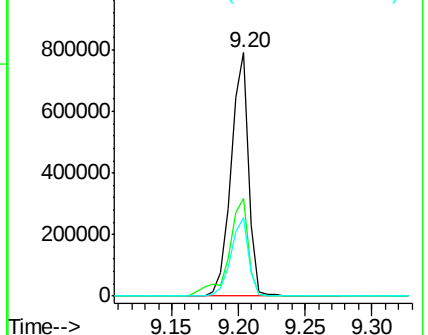
164 32.4 26.5 39.7

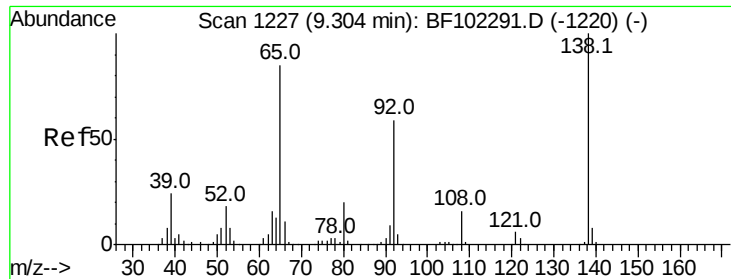


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

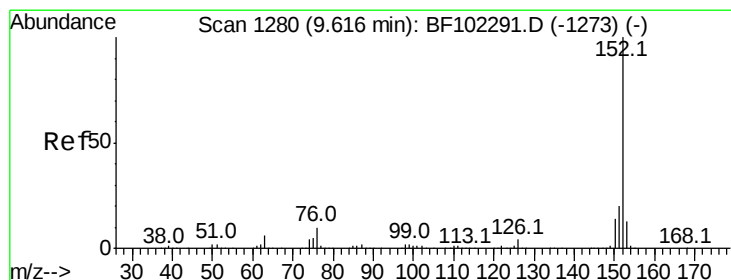
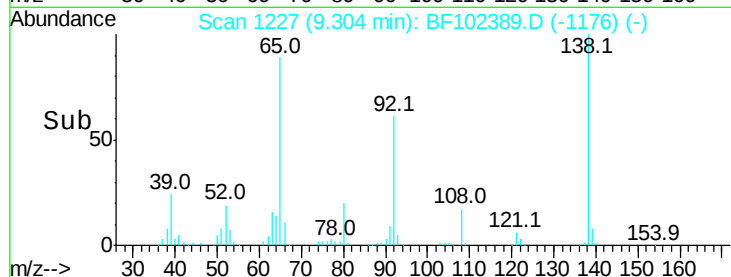
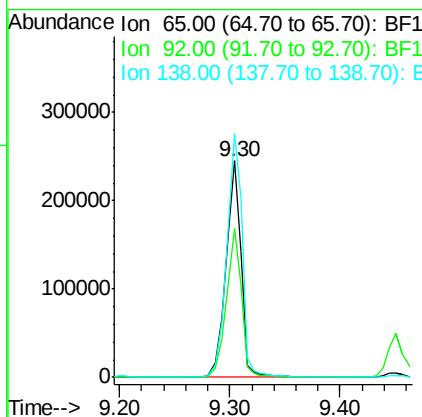
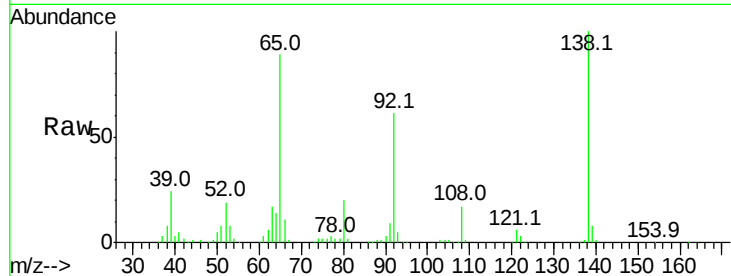




#47
 2-Nitroaniline
 Concen: 41.250 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

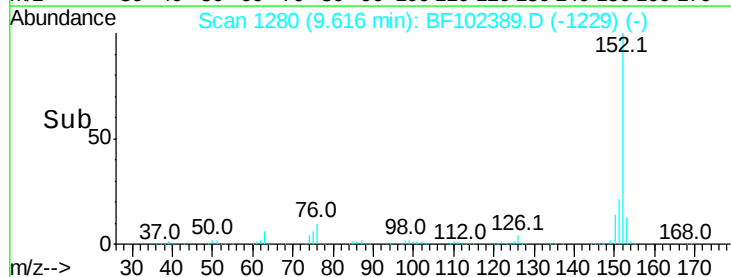
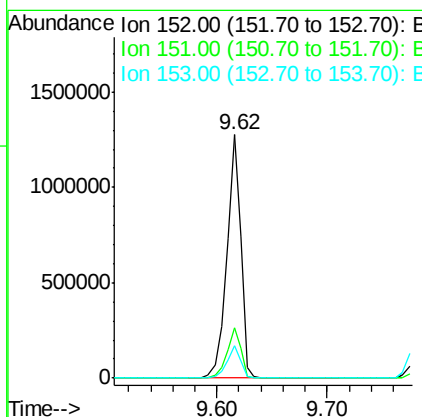
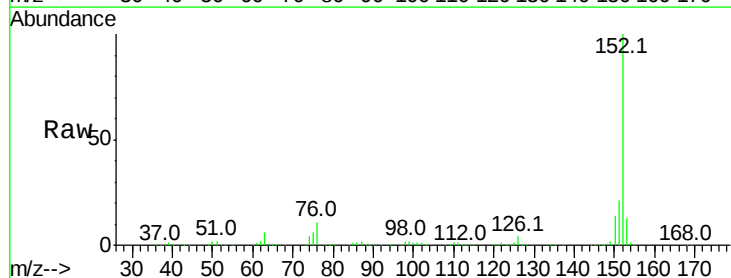
Instrument :
 BNA_F
 ClientSampleId :

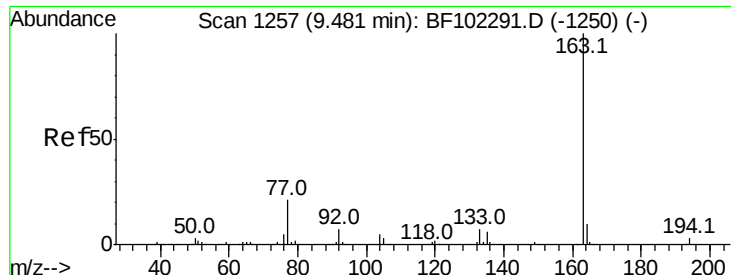
Tot Ion: 65 Resp: 236662
 Ion Ratio Lower Upper
 65 100
 92 68.5 55.8 83.6
 138 112.5 91.2 136.8



#48
 Acenaphthylene
 Concen: 39.257 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

Tgt Ion:152 Resp: 1125482
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.3 24.5
 153 13.2 10.7 16.1

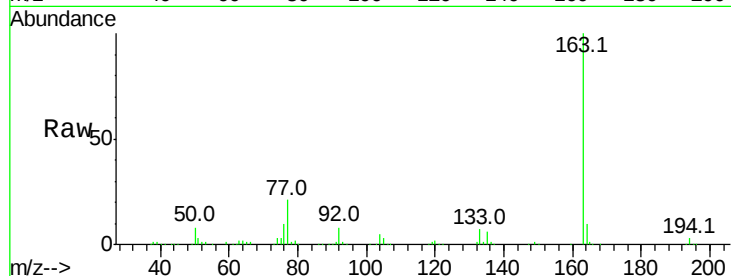




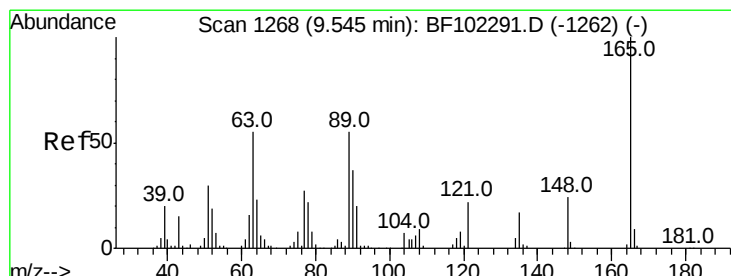
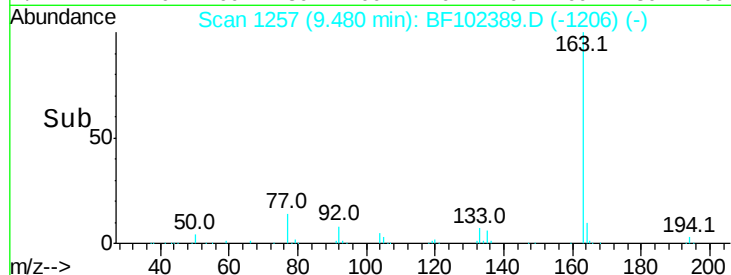
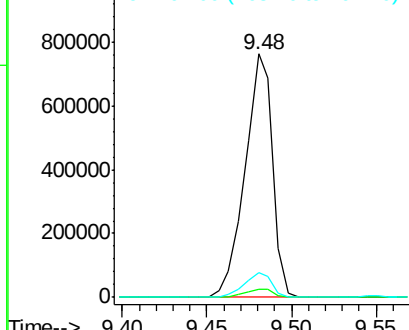
#49
Dimethylphthalate
Concen: 39.580 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 866219
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2

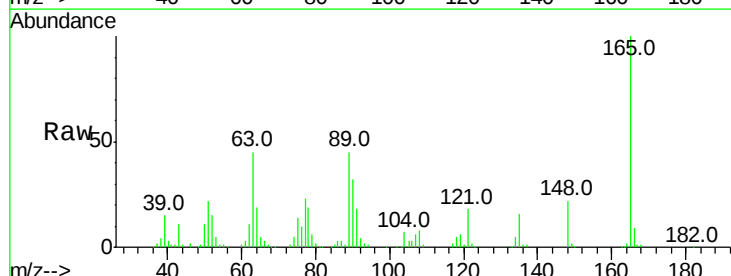


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

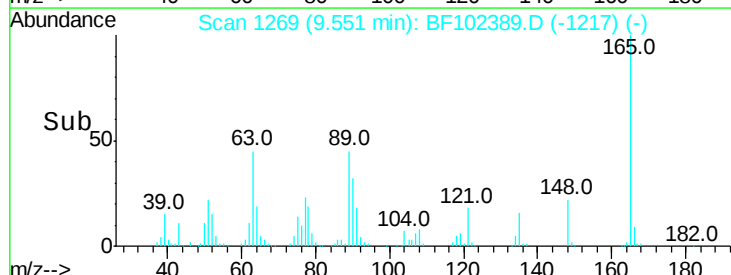
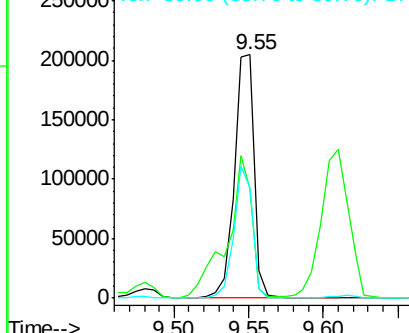


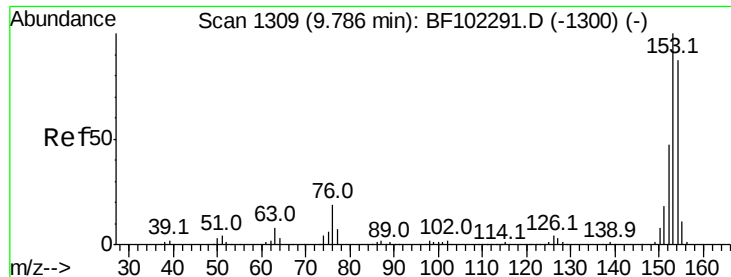
#50
2,6-Dinitrotoluene
Concen: 40.549 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

Tgt Ion:165 Resp: 191330
Ion Ratio Lower Upper
165 100
63 44.9 44.7 67.1
89 45.4 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: 39.251 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampleId :

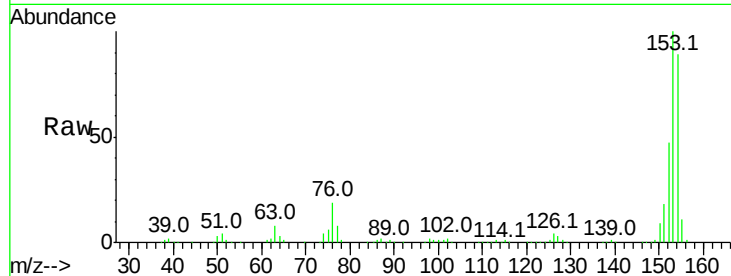
Tot Ion:154 Resp: 657217

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

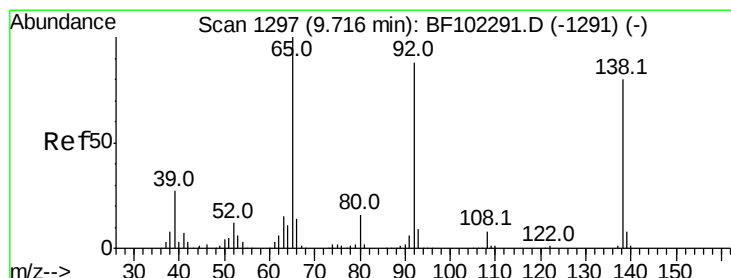
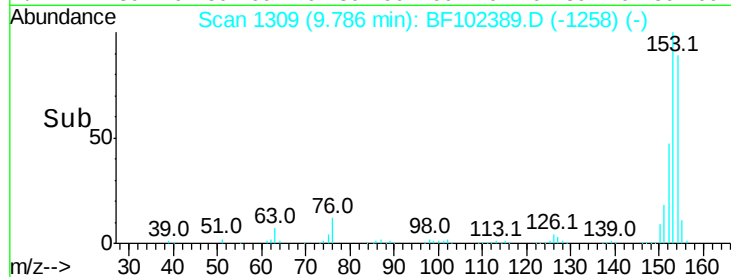
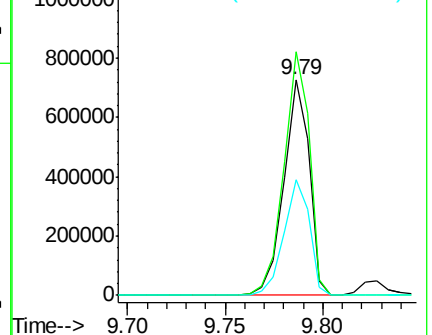
152 53.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.068 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

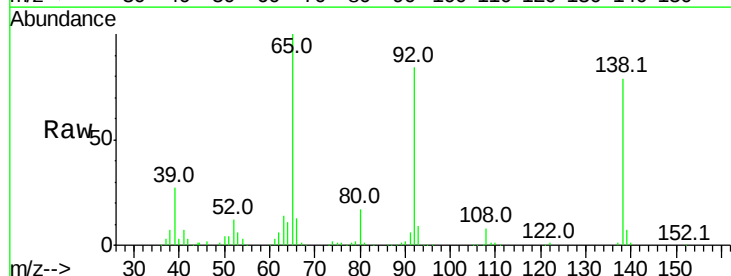
Tgt Ion:138 Resp: 229236

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.0

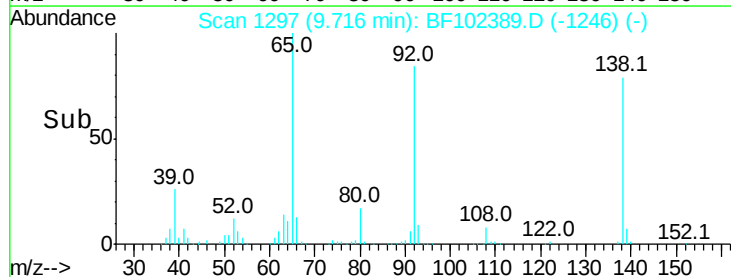
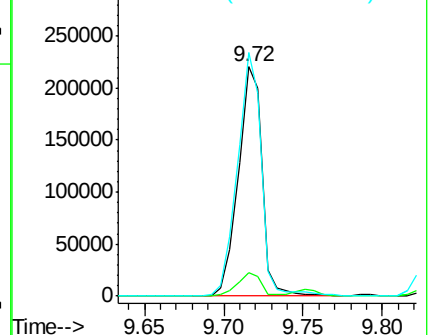
92 106.3 89.4 134.2

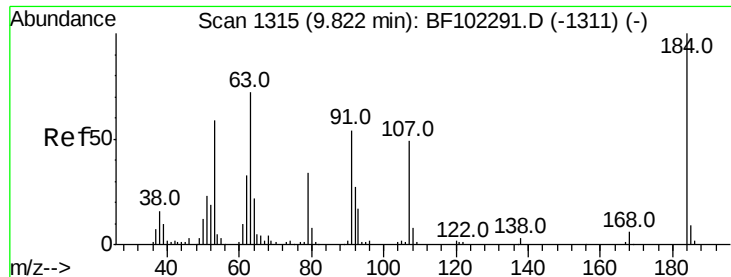


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

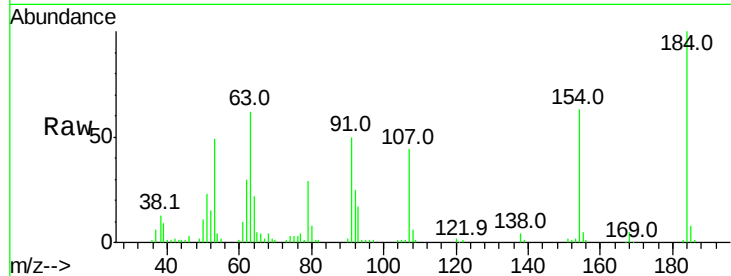




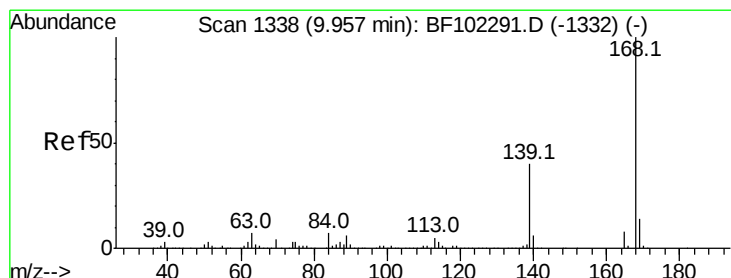
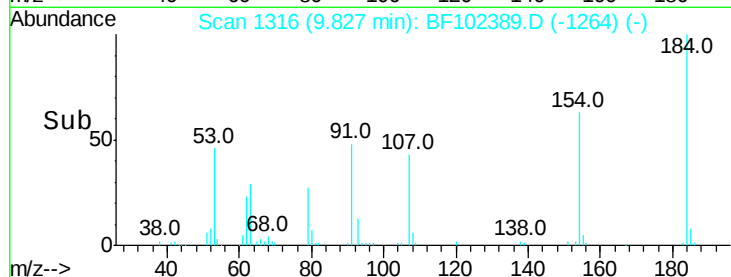
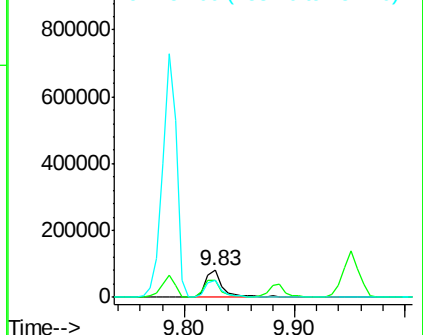
#53
 2,4-Dinitrophenol
 Concen: 42.448 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 86016
 Ion Ratio Lower Upper
 184 100
 63 61.7 54.2 81.2
 154 63.0 184.0 276.0#

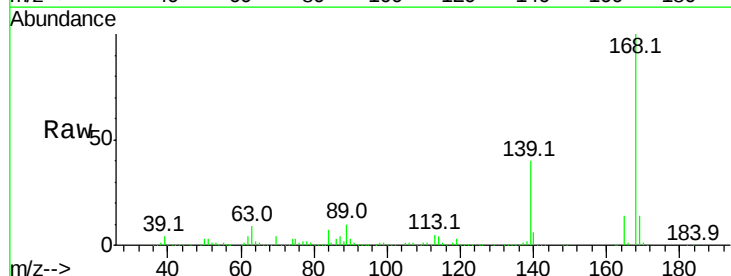


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

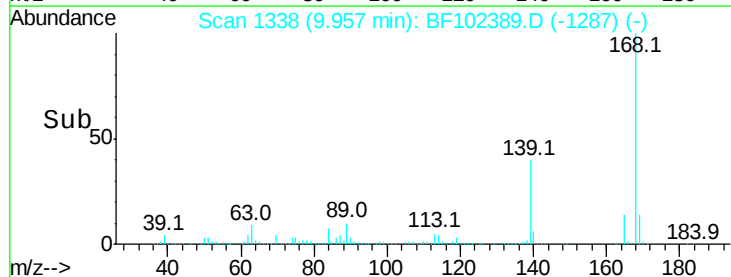
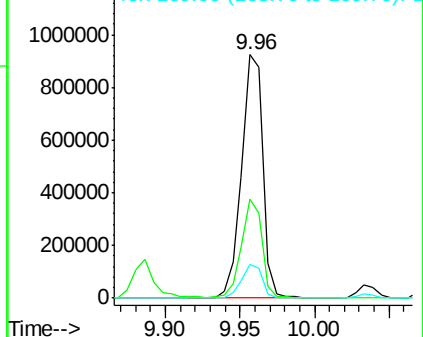


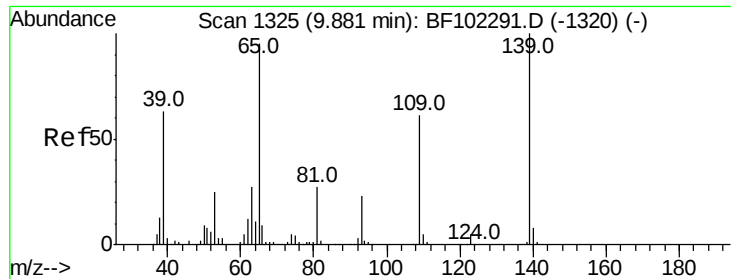
#54
 Dibenzofuran
 Concen: 40.550 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

Tgt Ion:168 Resp: 918899
 Ion Ratio Lower Upper
 168 100
 139 40.5 30.1 45.1
 169 13.7 10.9 16.3



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





#55

4-Nitrophenol

Concen: 39.282 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampled :

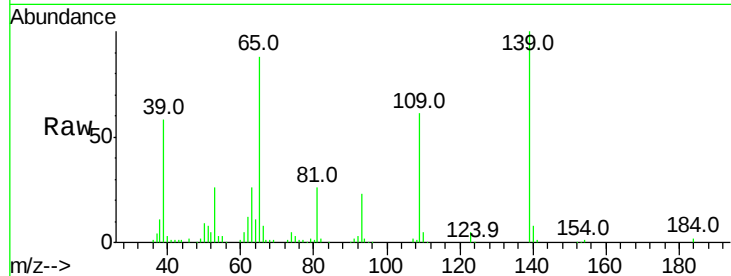
Tot Ion:139 Resp: 144740

Ion Ratio Lower Upper

139 100

109 60.9 48.4 88.4

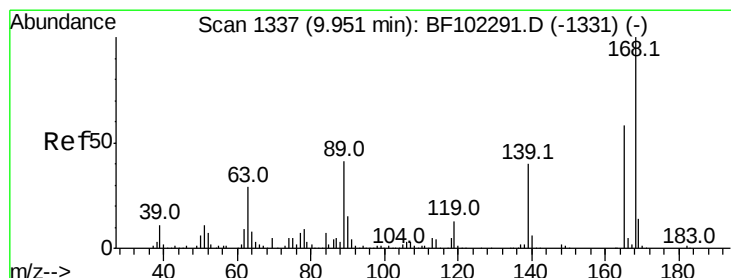
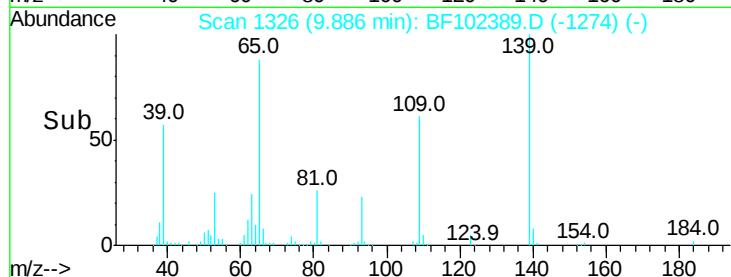
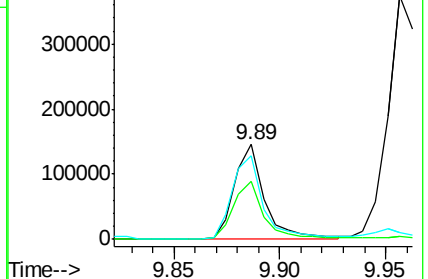
65 88.2 72.6 112.6



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: 39.422 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Tgt Ion:165 Resp: 228747

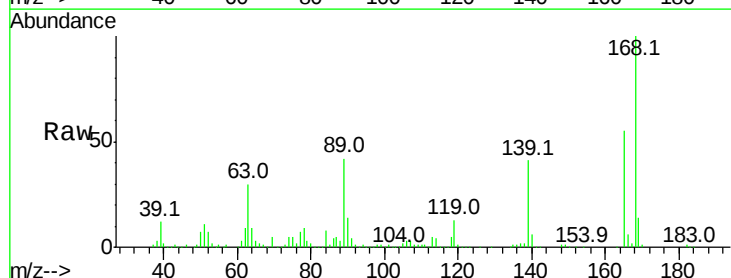
Ion Ratio Lower Upper

165 100

63 55.1 36.4 54.6#

89 75.2 57.8 86.6

182 2.5 1.6 2.4#

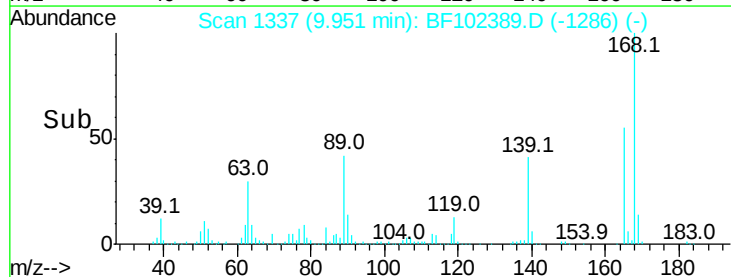
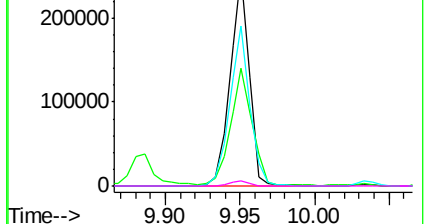


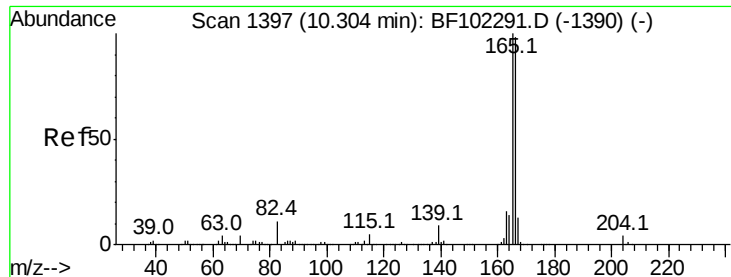
Abundance Ion 165.00 (164.70 to 165.70): E

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

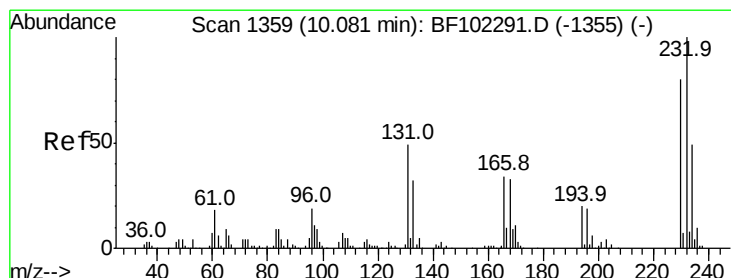
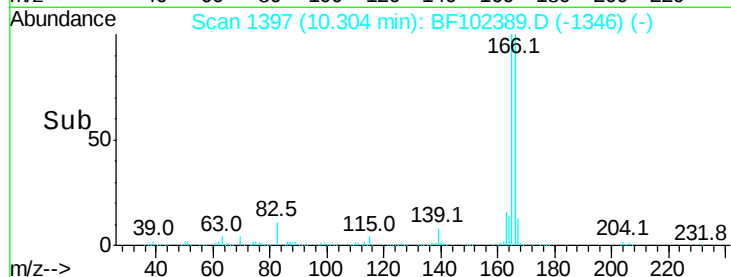
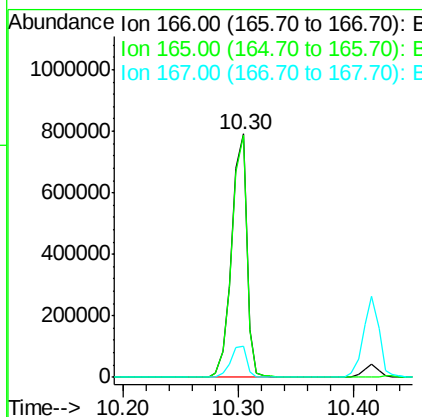
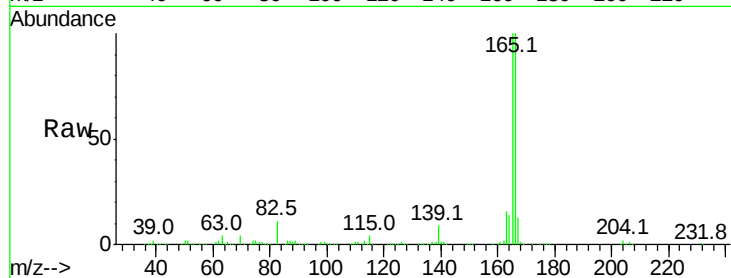




#57
 Fluorene
 Concen: 40.546 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

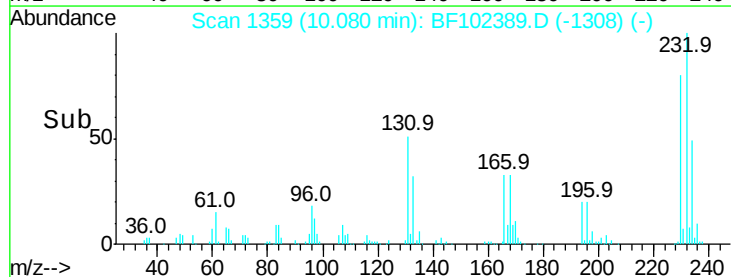
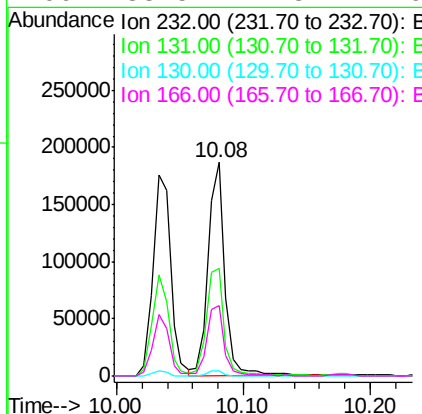
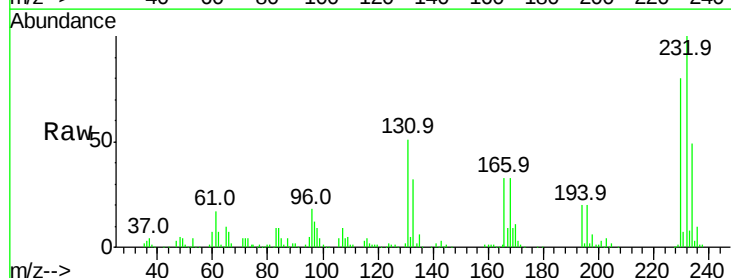
Instrument :
 BNA_F
 ClientSampled :

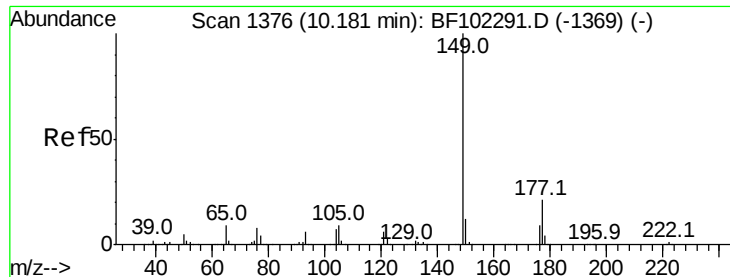
Tot Ion:166 Resp: 728066
 Ion Ratio Lower Upper
 166 100
 165 99.7 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.384 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

Tgt Ion:232 Resp: 173126
 Ion Ratio Lower Upper
 232 100
 131 52.3 43.8 65.8
 130 2.3 2.1 3.1
 166 33.5 27.8 41.6

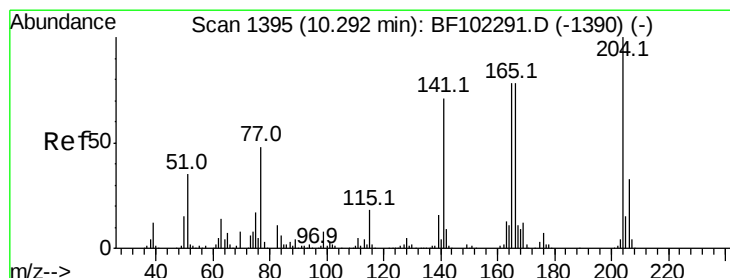
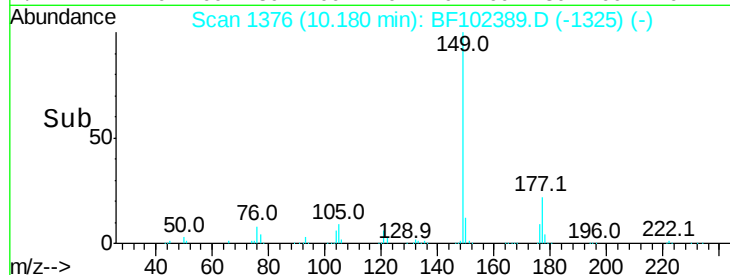
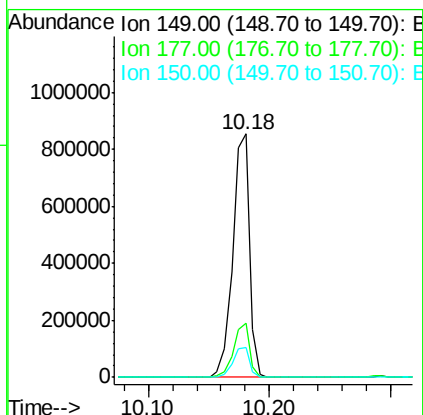
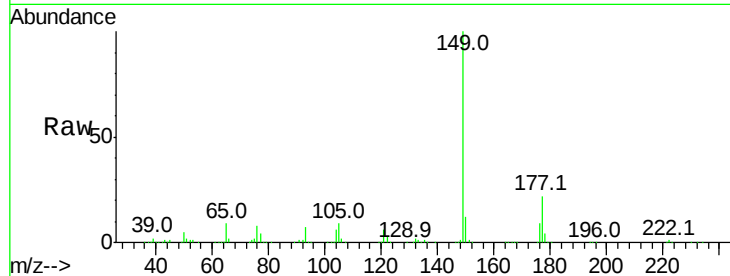




#59
Diethylphthalate
Concen: 38.839 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

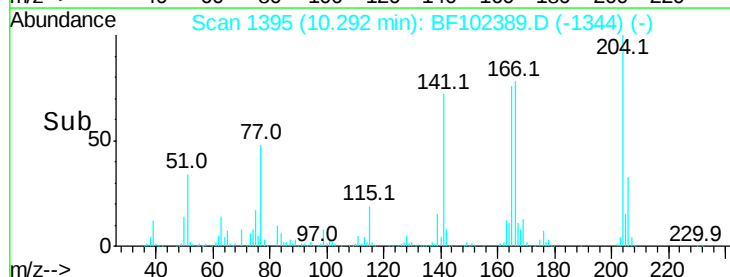
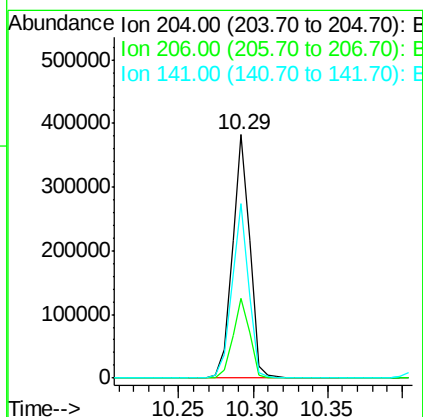
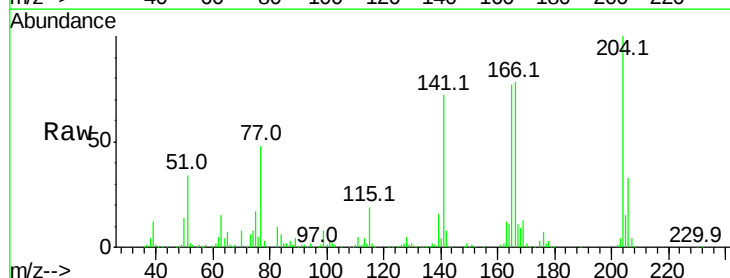
Instrument :
BNA_F
ClientSampled :

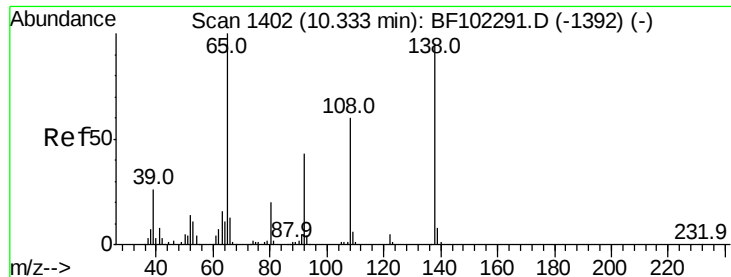
Tot Ion:149 Resp: 825988
Ion Ratio Lower Upper
149 100
177 22.1 16.1 24.1
150 12.1 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.546 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

Tgt Ion:204 Resp: 315661
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 71.7 54.6 81.8





#61

4-Nitroaniline

Concen: 40.680 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampleId :

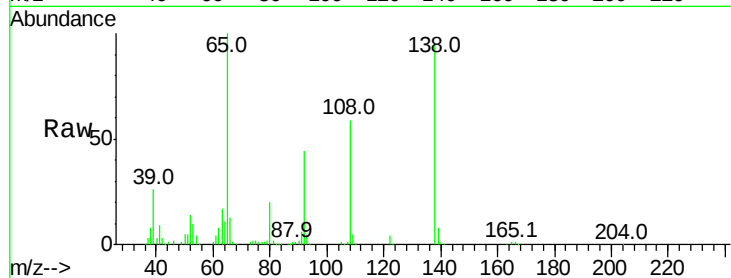
Tot Ion:138 Resp: 226582

Ion Ratio Lower Upper

138 100

92 46.9 30.2 70.2

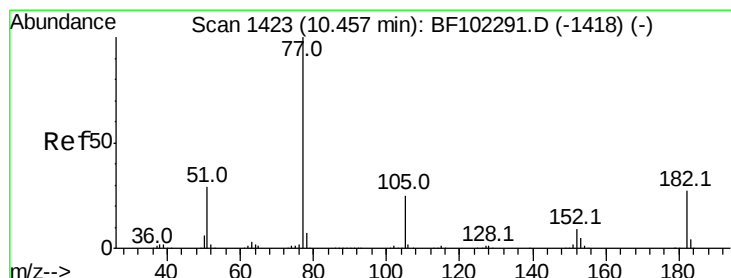
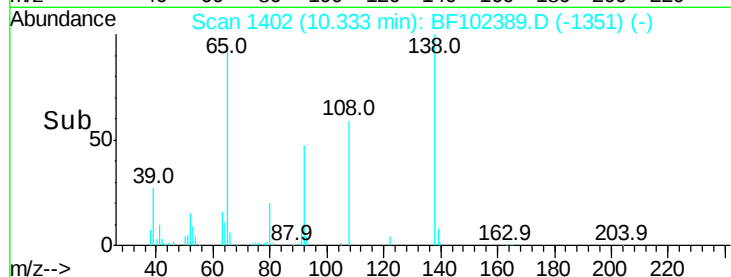
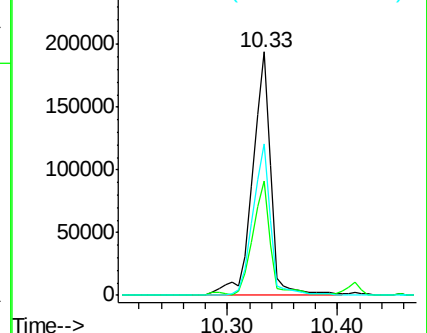
108 62.4 52.5 92.5



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: 39.450 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Tgt Ion: 77 Resp: 768133

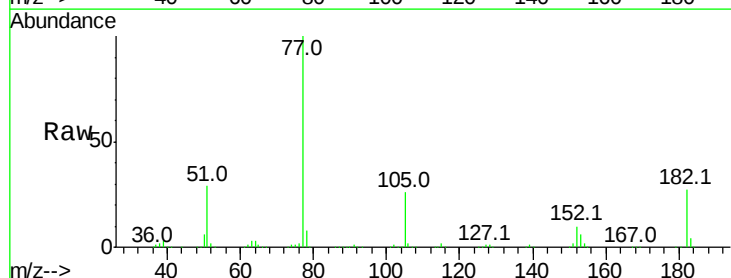
Ion Ratio Lower Upper

77 100

182 27.4 1.7 41.7

105 25.5 3.0 43.0

51 29.4 9.9 49.9

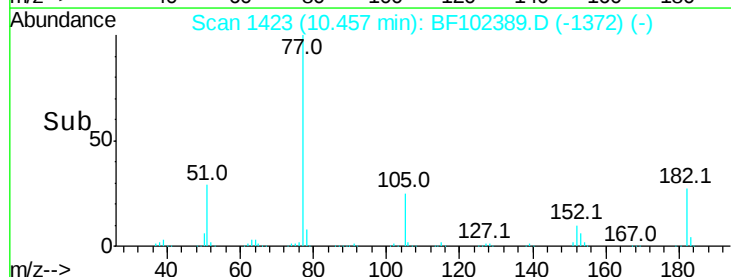
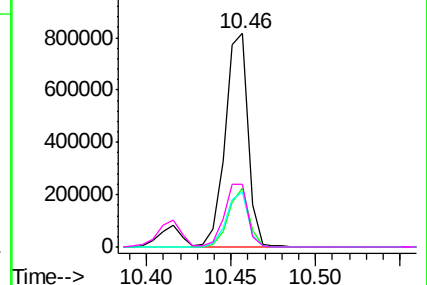


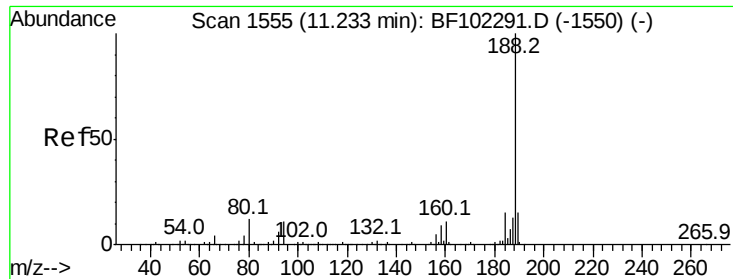
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

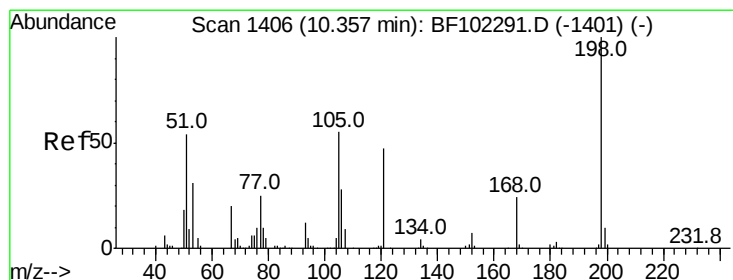
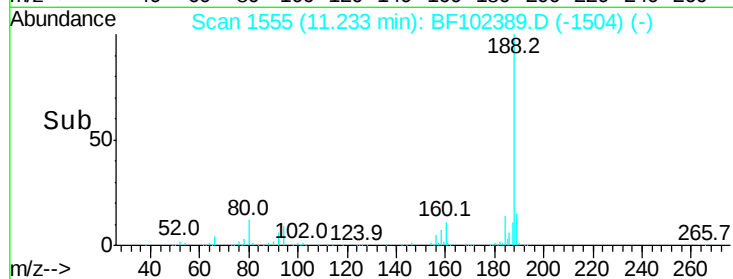
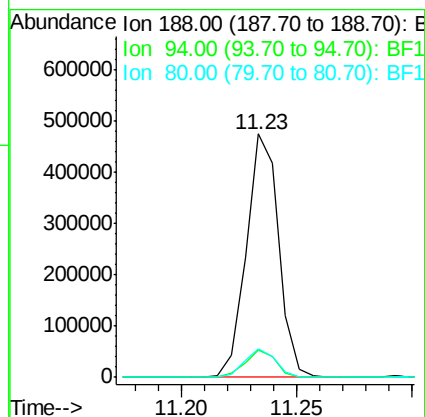
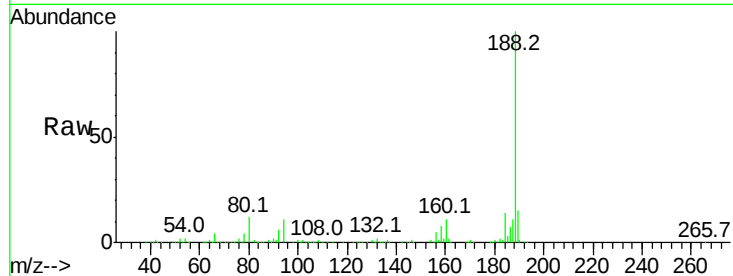




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

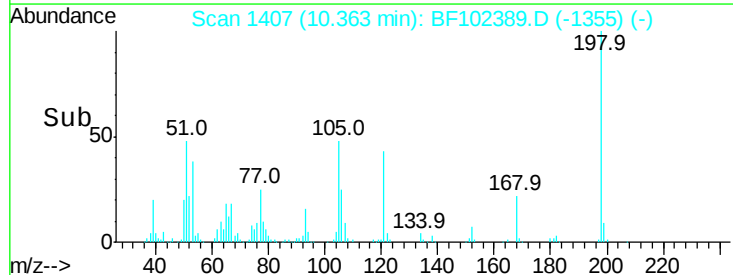
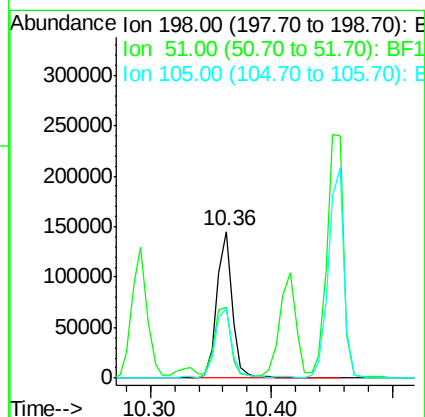
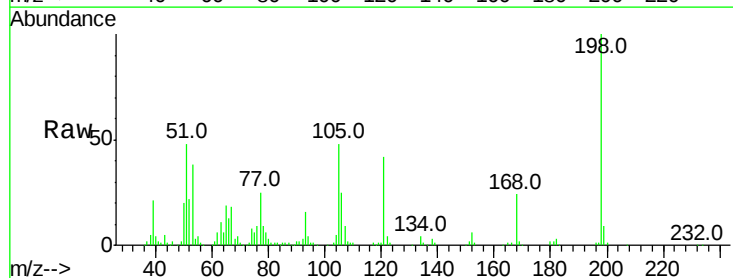
Instrument :
BNA_F
ClientSampleId :

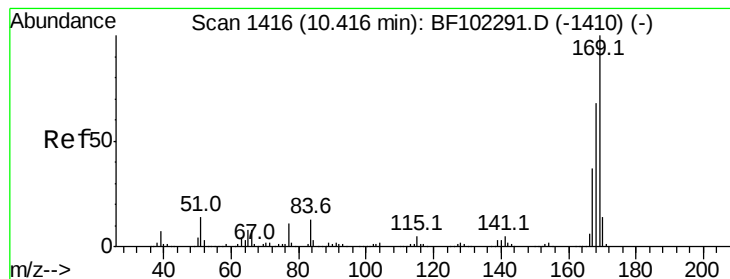
Tot Ion:188 Resp: 463655
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 41.216 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

Tgt Ion:198 Resp: 127493
Ion Ratio Lower Upper
198 100
51 48.2 37.7 77.7
105 47.7 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 39.508 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampled :

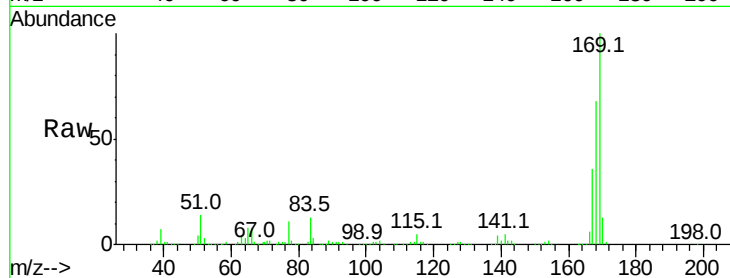
Tot Ion:169 Resp: 672349

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

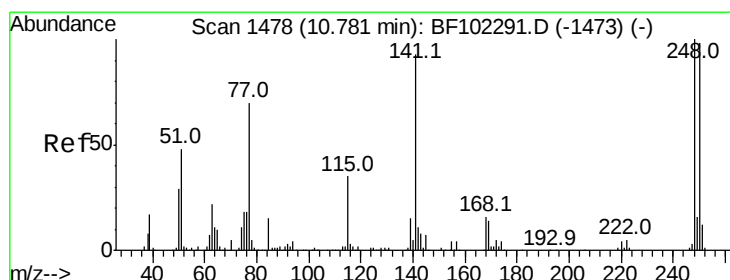
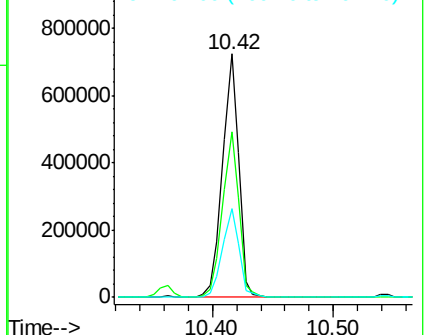
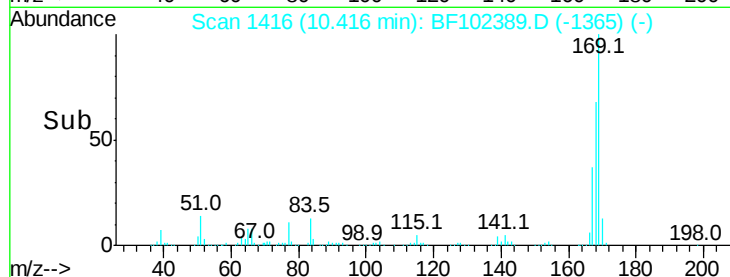
167 36.5 29.8 44.6



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: 39.354 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

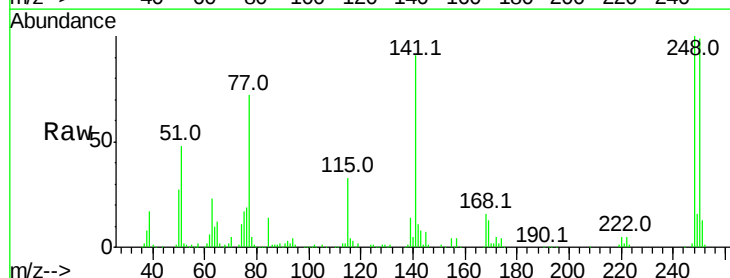
Tgt Ion:248 Resp: 196426

Ion Ratio Lower Upper

248 100

250 99.3 76.9 115.3

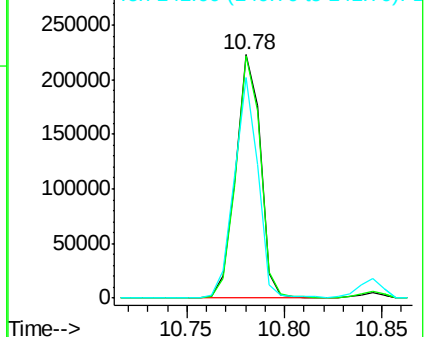
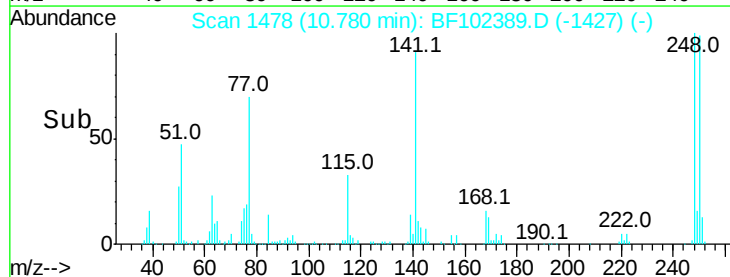
141 90.8 74.4 111.6

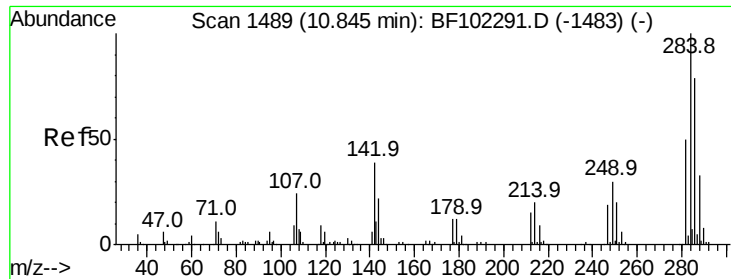


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

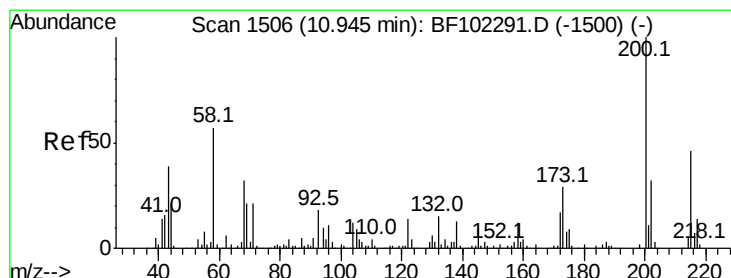
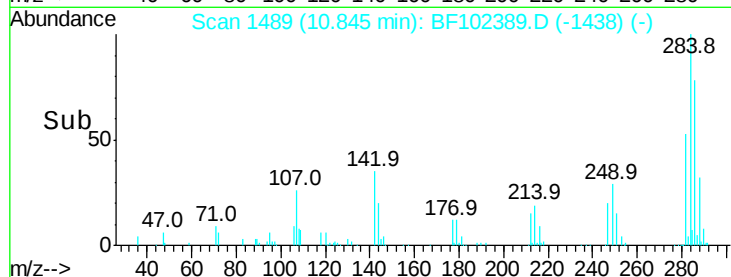
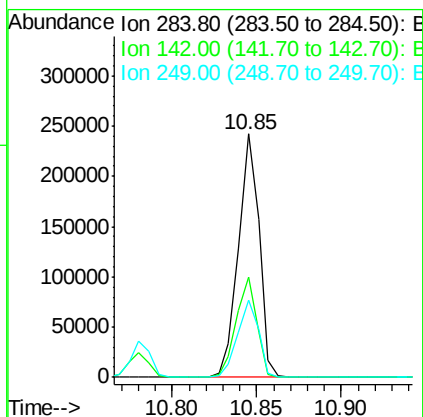
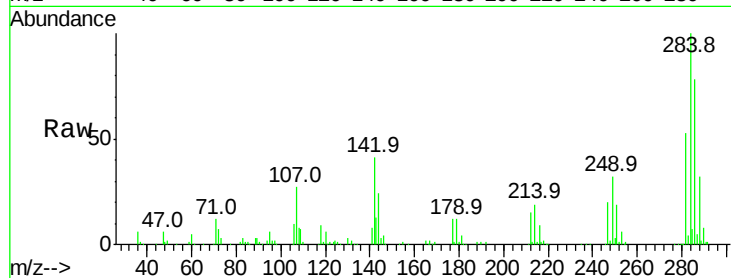




#67
Hexachlorobenzene
Concen: 37.080 ng
RT: 10.85 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

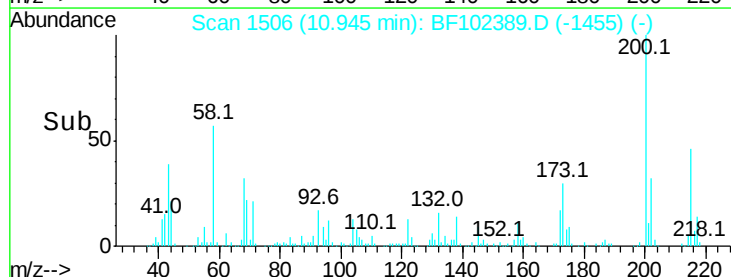
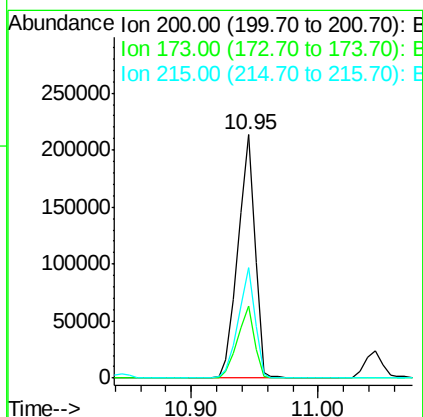
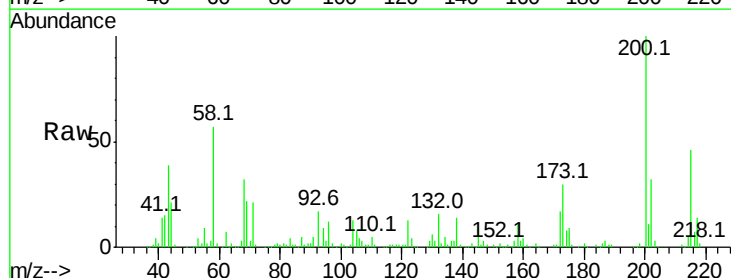
Instrument :
BNA_F
ClientSampleId :

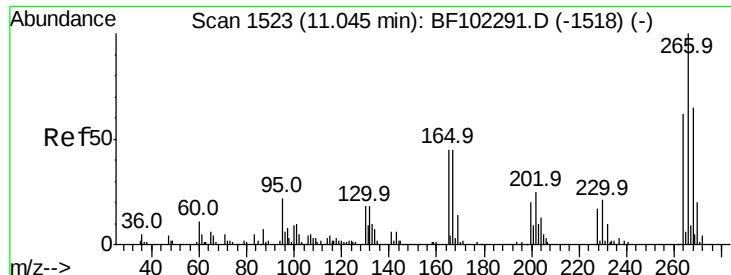
Tot Ion:284 Resp: 206986
Ion Ratio Lower Upper
284 100
142 41.3 34.6 52.0
249 31.8 24.8 37.2



#68
Atrazine
Concen: 39.227 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

Tgt Ion:200 Resp: 197164
Ion Ratio Lower Upper
200 100
173 29.6 8.6 48.6
215 45.5 25.1 65.1

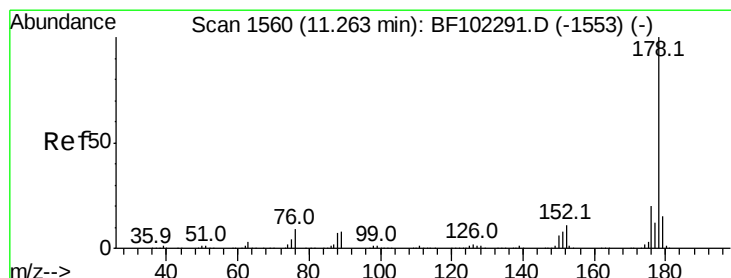
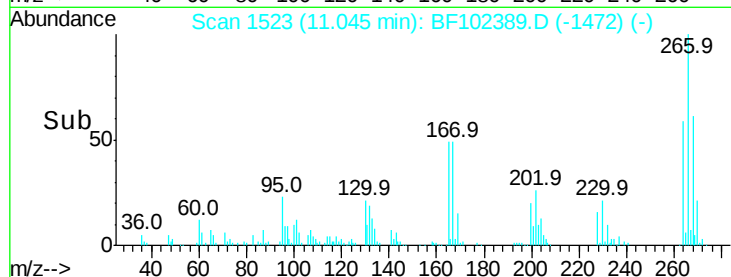
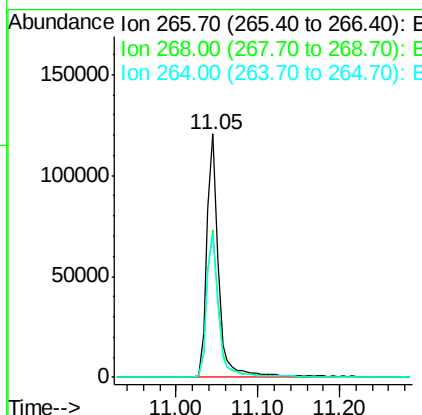
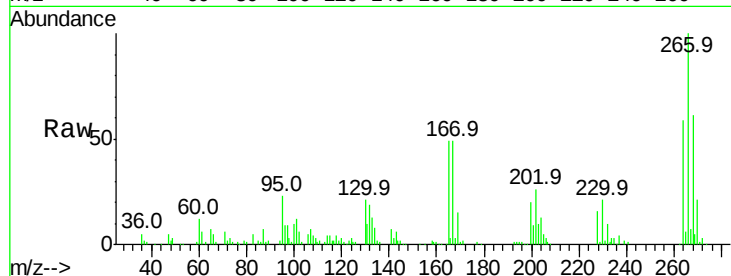




#69
 Pentachlorophenol
 Concen: 41.412 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

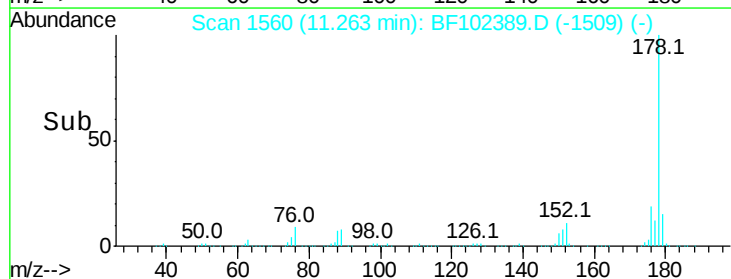
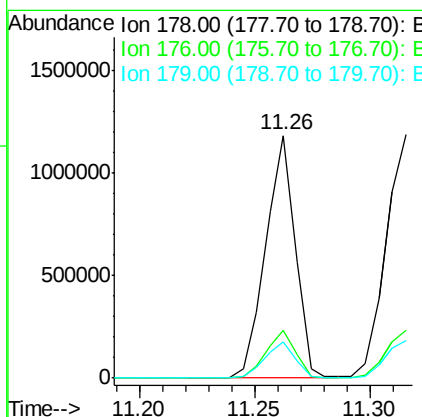
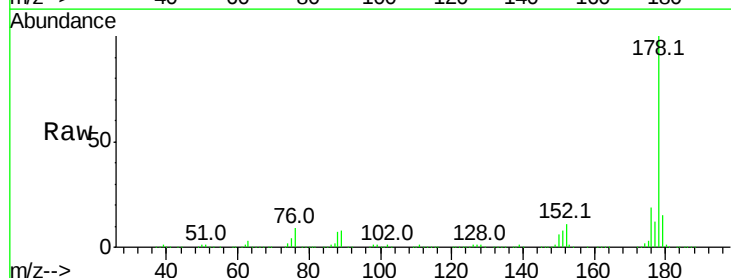
Instrument :
 BNA_F
 ClientSampleId :

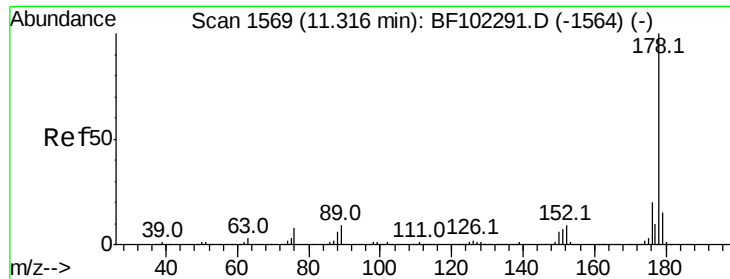
Tot Ion:266 Resp: 121435
 Ion Ratio Lower Upper
 266 100
 268 60.6 51.1 76.7
 264 58.8 49.5 74.3



#70
 Phenanthrene
 Concen: 39.059 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

Tgt Ion:178 Resp: 1055301
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.1 13.0 19.6

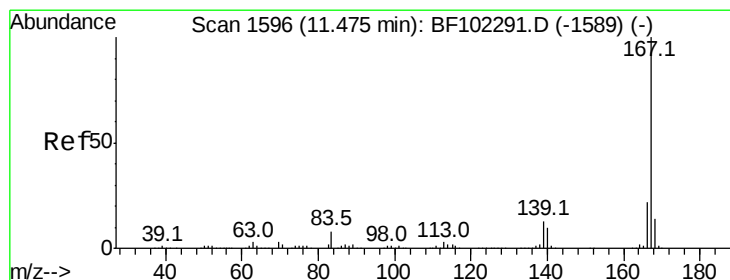
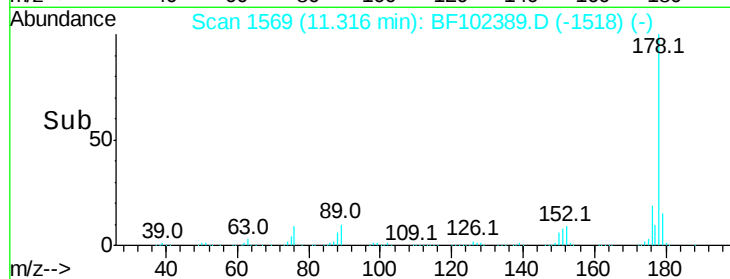
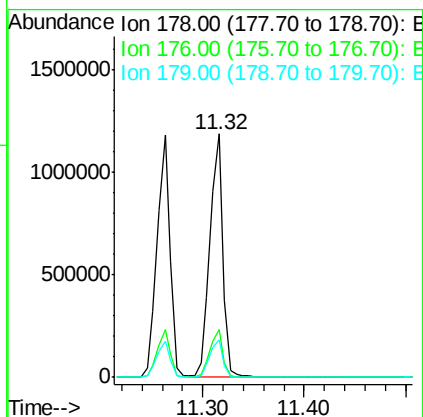
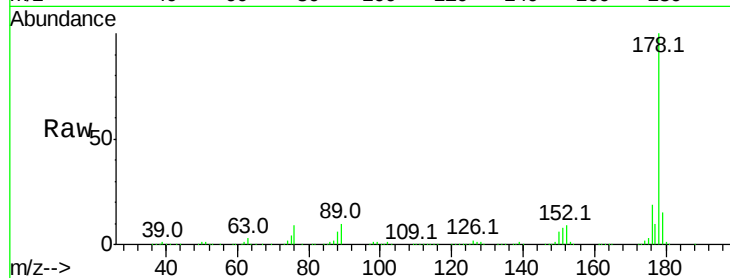




#71
 Anthracene
 Concen: 38.671 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

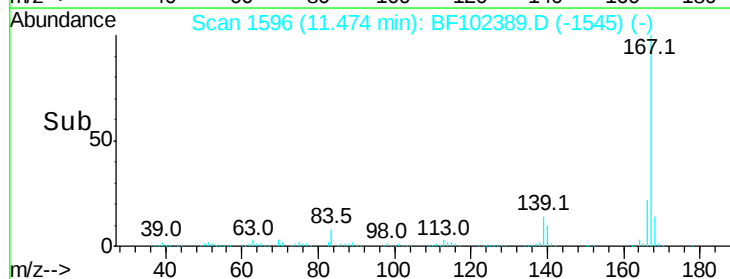
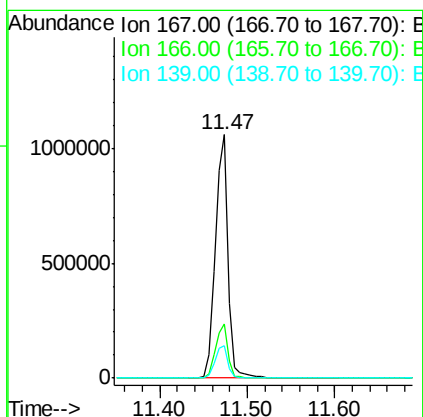
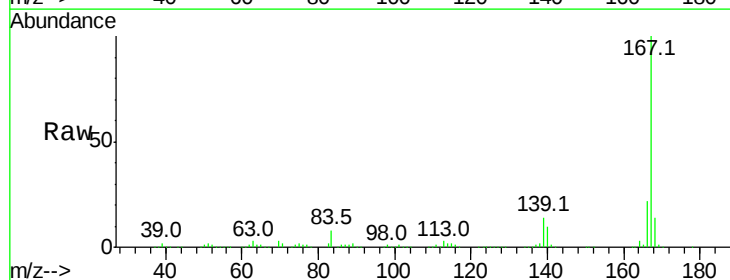
Instrument :
 BNA_F
 ClientSampleId :

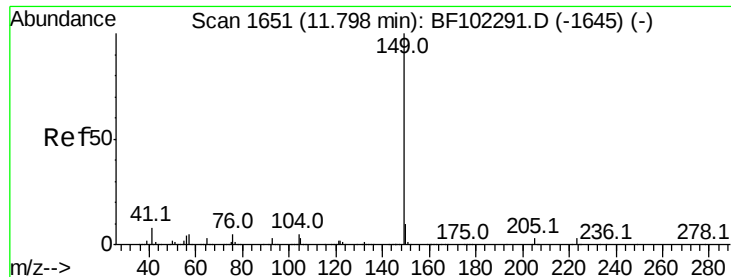
Tot Ion:178 Resp: 1066443
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 39.468 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

Tgt Ion:167 Resp: 1061830
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.5 10.9 16.3

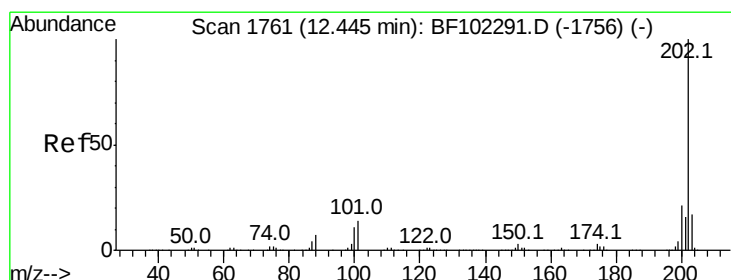
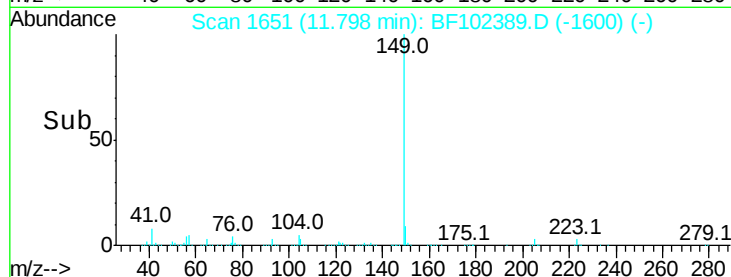
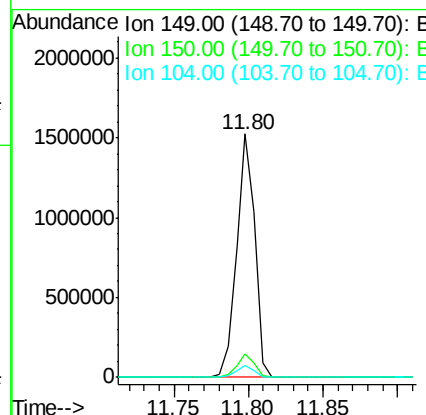
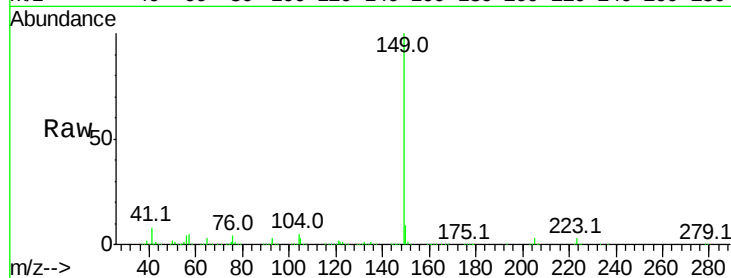




#73
Di-n-butylphthalate
Concen: 38.932 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

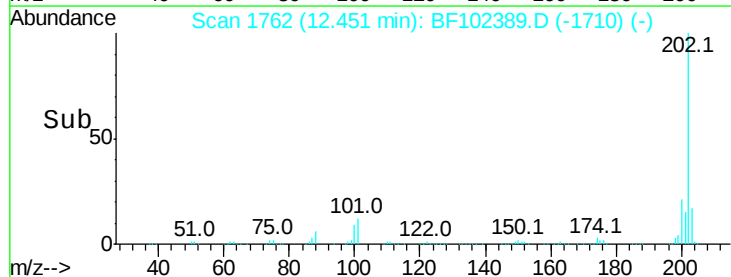
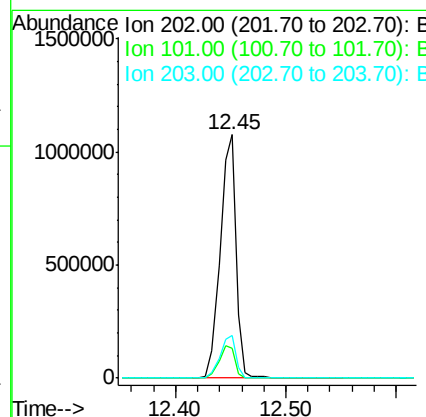
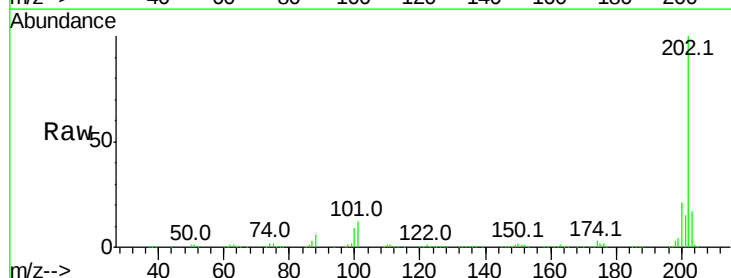
Instrument :
BNA_F
ClientSampleId :

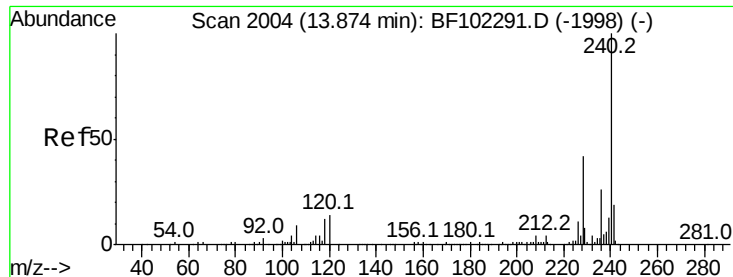
Tot Ion:149 Resp: 1309254
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.7 3.8 5.8



#74
Fluoranthene
Concen: 38.445 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

Tgt Ion:202 Resp: 1059243
Ion Ratio Lower Upper
202 100
101 12.4 0.0 34.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampled :

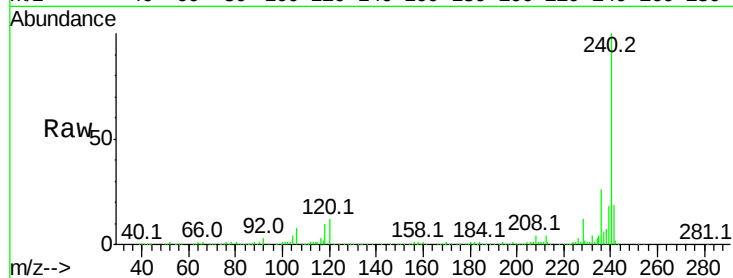
Tot Ion:240 Resp: 344163

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

236 25.7 20.7 31.1

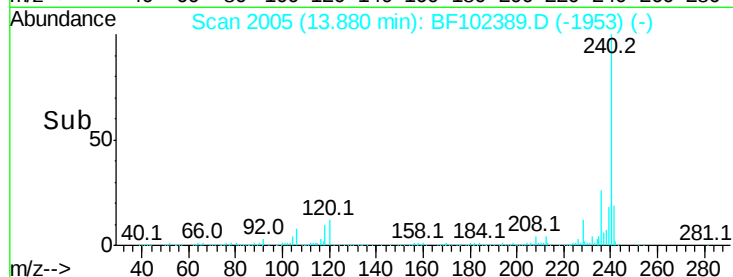


Abundance Ion 240.00 (239.70 to 240.70): E

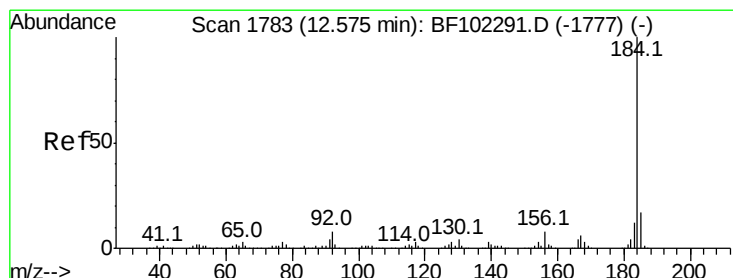
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.88



Time-->



#76

Benzidine

Concen: 38.278 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

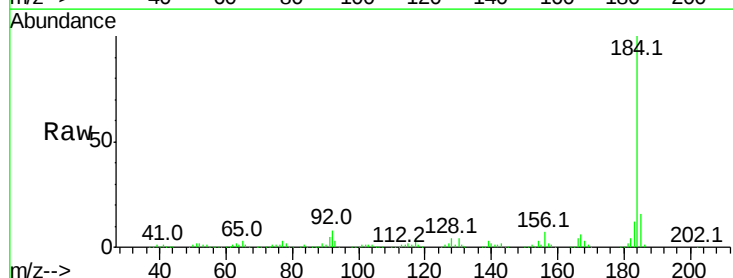
Tgt Ion:184 Resp: 442561

Ion Ratio Lower Upper

184 100

185 16.1 12.6 18.8

183 12.2 9.3 13.9

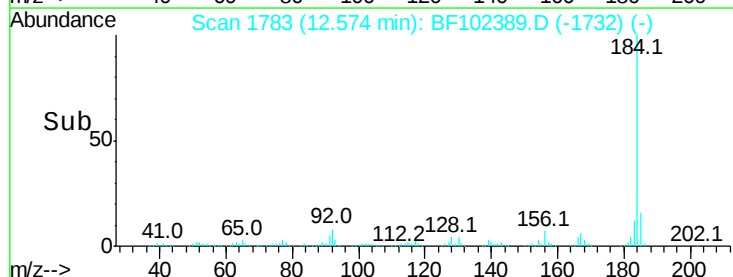


Abundance Ion 184.00 (183.70 to 184.70): E

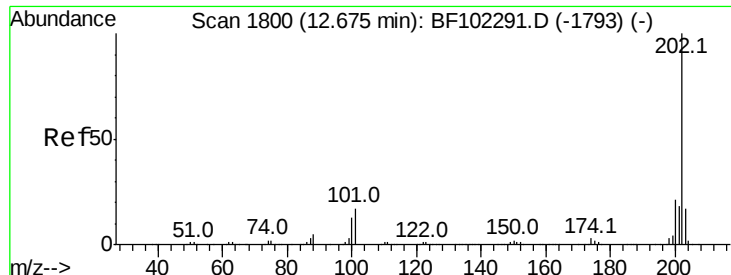
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.57



Time-->



#77

Pvrene

Concen: 40.722 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

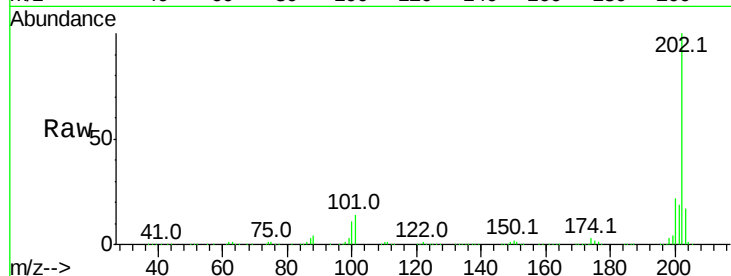
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1083596

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.2	14.3	21.5

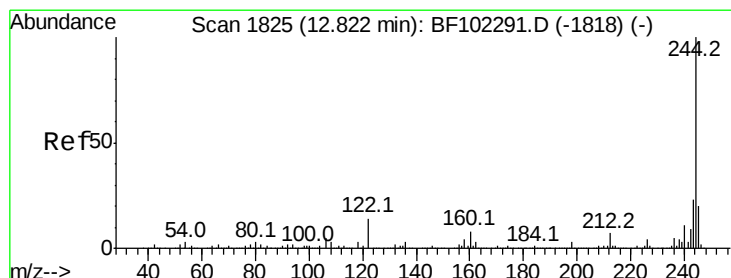
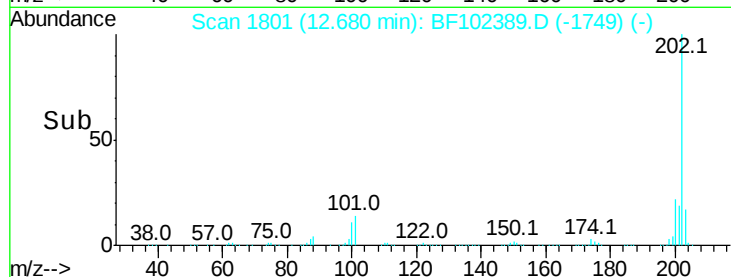
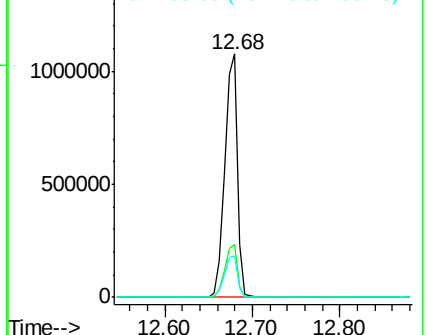


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.599 ng

RT: 12.82 min Scan# 1825

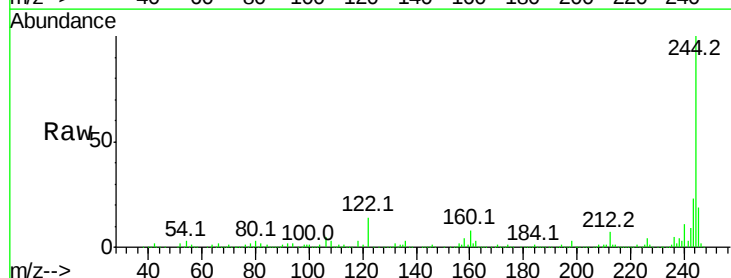
Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Tgt Ion:244 Resp: 1184674

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	13.8	11.0	16.4

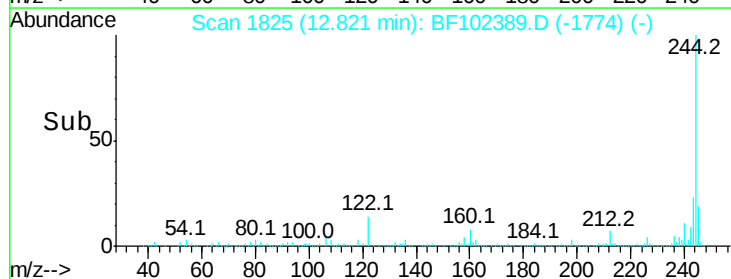
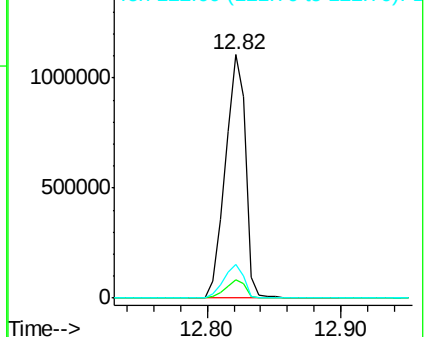


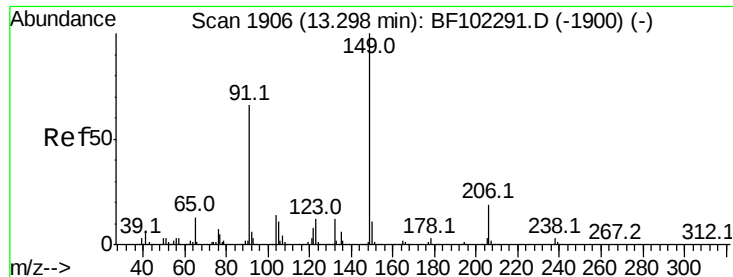
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

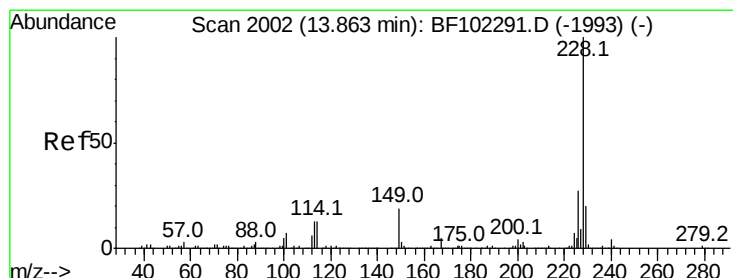
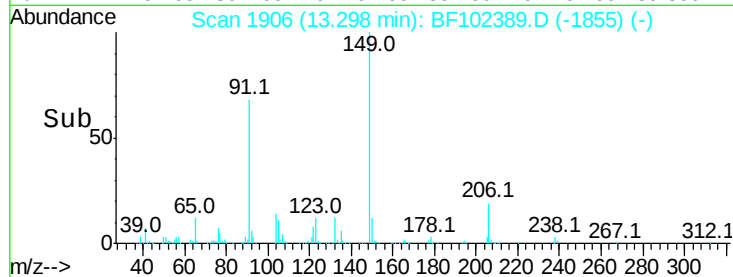
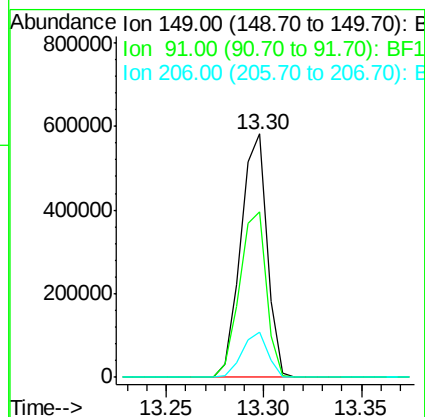
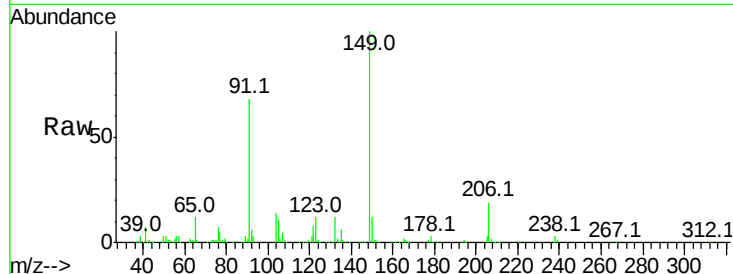




#79
Butylbenzylphthalate
Concen: 41.398 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

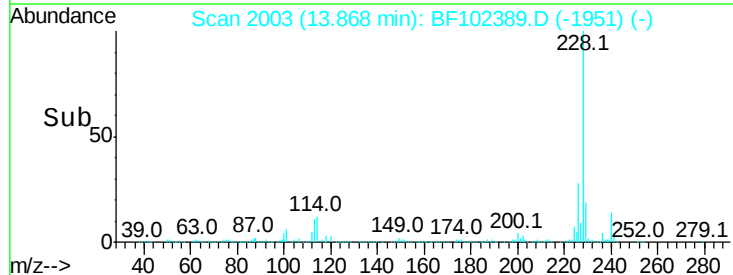
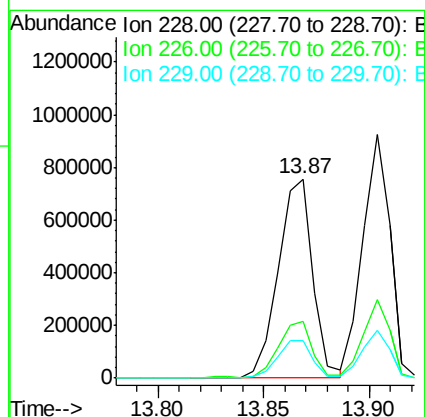
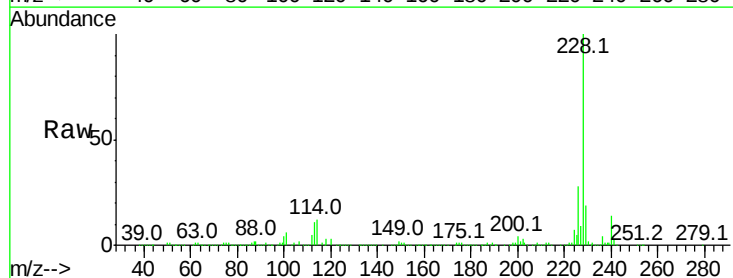
Instrument :
BNA_F
ClientSampleId :

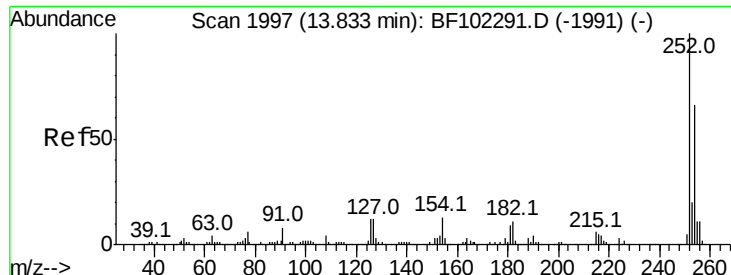
Tot Ion:149 Resp: 548202
Ion Ratio Lower Upper
149 100
91 67.8 56.8 85.2
206 18.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 40.565 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF102389.D
Acq: 24 Jan 2018 15:03

Tgt Ion:228 Resp: 859542
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 19.2 15.8 23.6

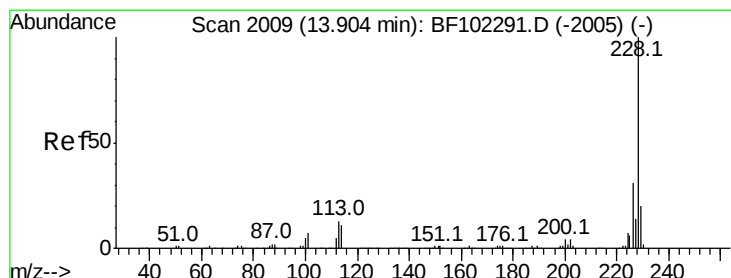
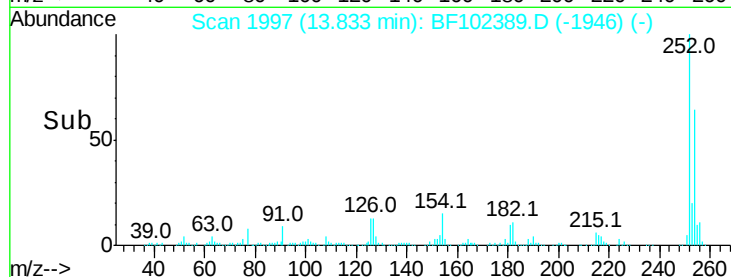
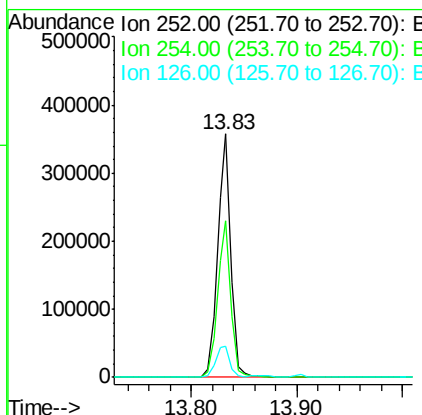
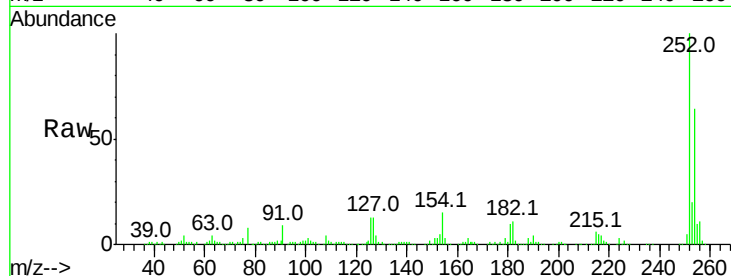




#81
 3,3'-Dichlorobenzidine
 Concen: 40.719 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

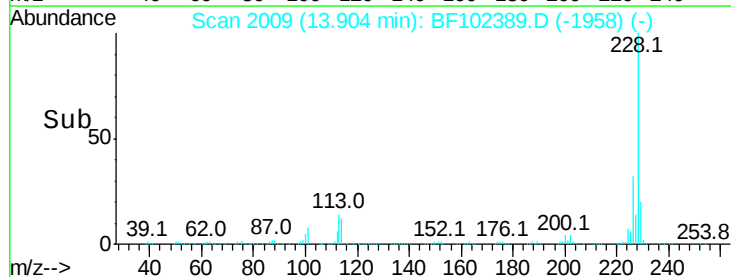
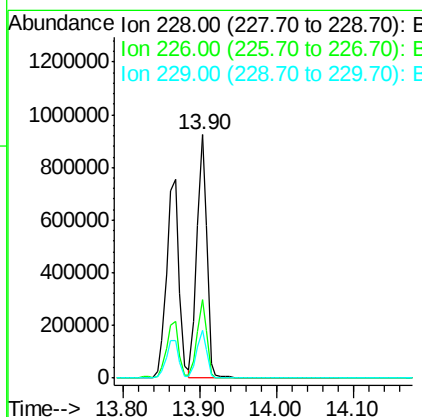
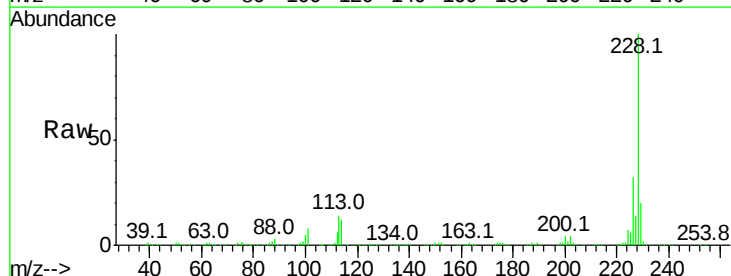
Instrument :
 BNA_F
 ClientSampled :

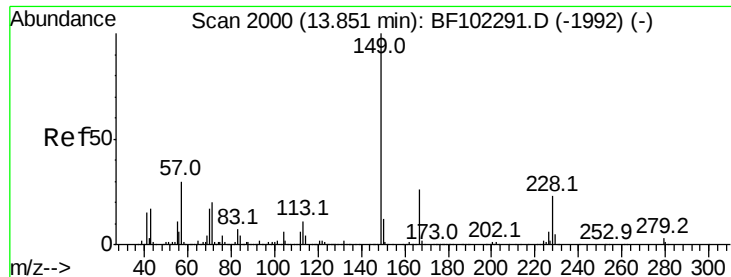
Tot Ion:252 Resp: 316504
 Ion Ratio Lower Upper
 252 100
 254 64.5 50.4 75.6
 126 12.8 11.3 16.9



#82
 Chrysene
 Concen: 39.598 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

Tgt Ion:228 Resp: 852043
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.0 37.6
 229 19.7 16.2 24.4

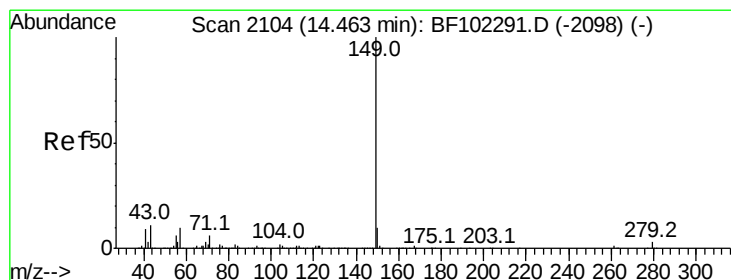
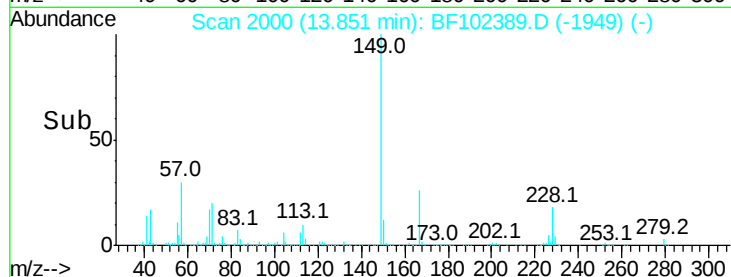
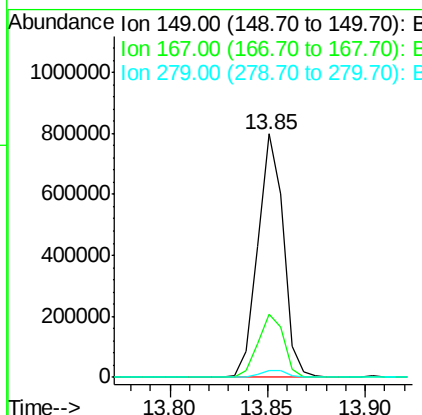
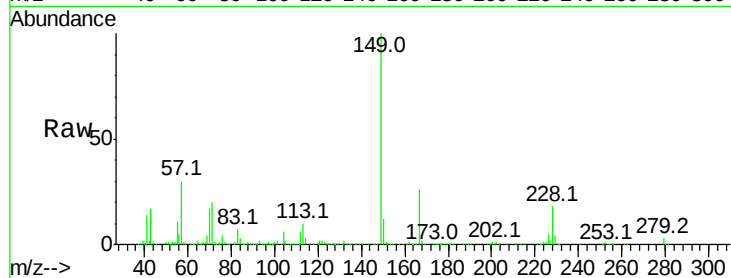




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.775 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

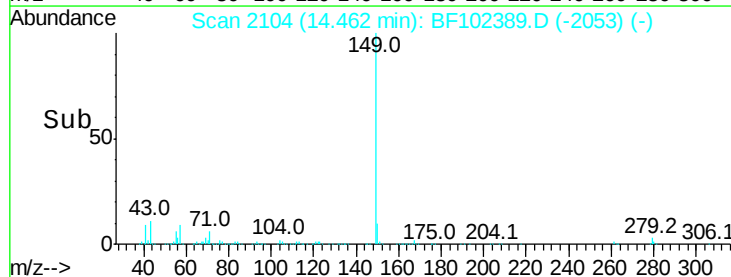
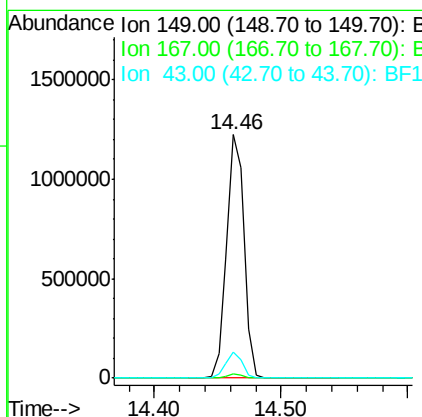
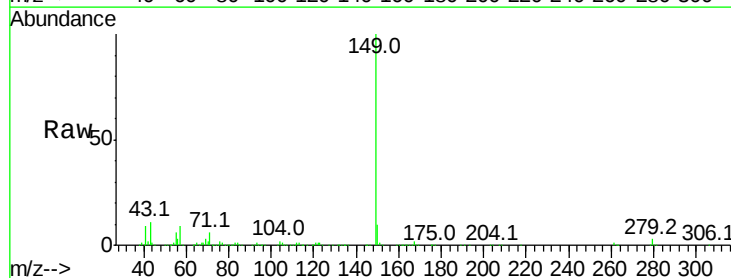
Instrument :
 BNA_F
 ClientSampleId :

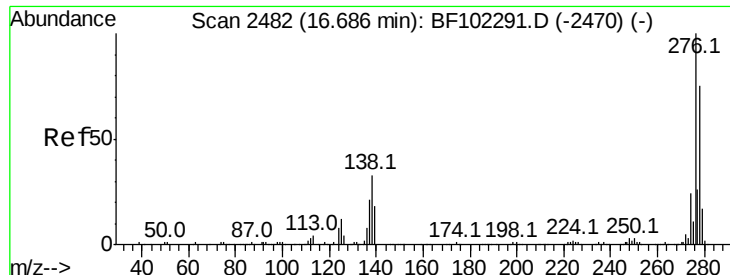
Tot Ion:149 Resp: 725647
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.3 31.9
 279 2.9 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 40.196 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

Tgt Ion:149 Resp: 1163328
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.2 8.4 12.6



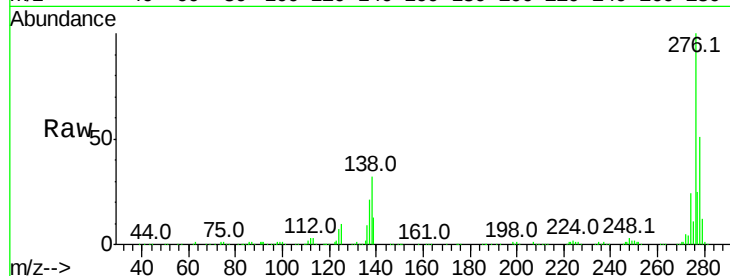


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.179 ng
 RT: 16.69 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

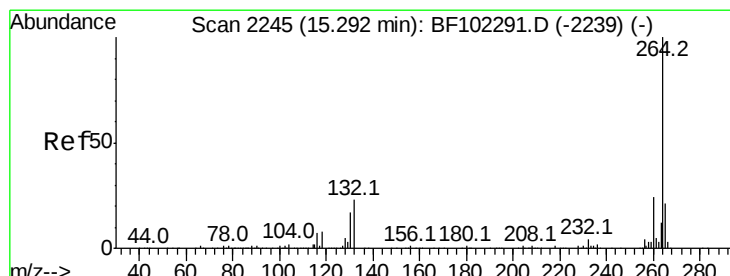
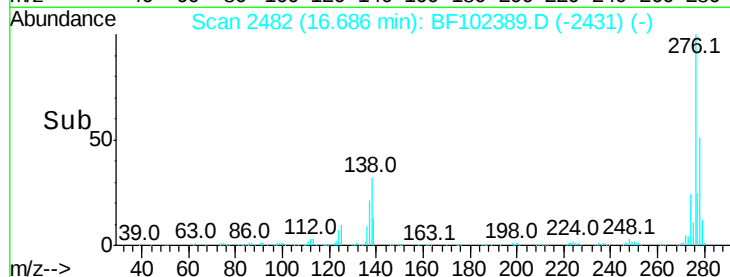
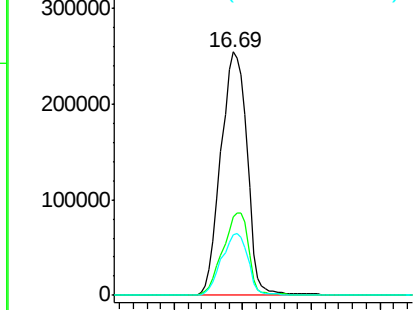
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 678449

Ion	Ratio	Lower	Upper
276	100		
138	33.4	25.0	37.6
277	25.4	20.1	30.1



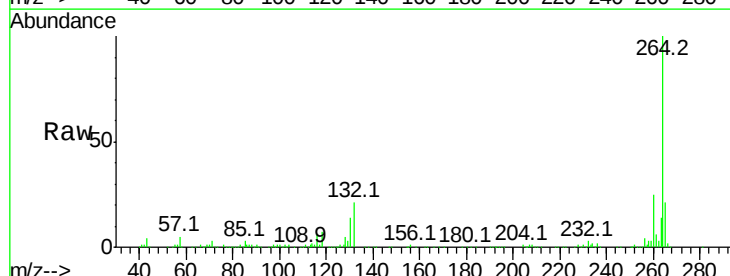
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



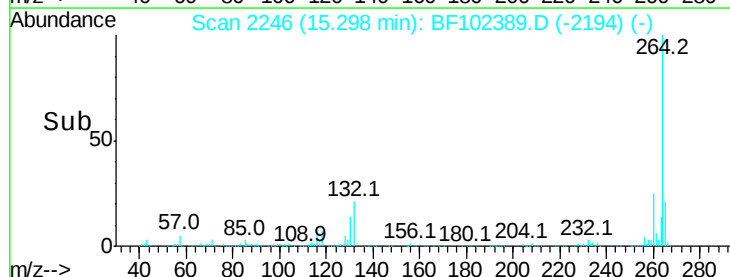
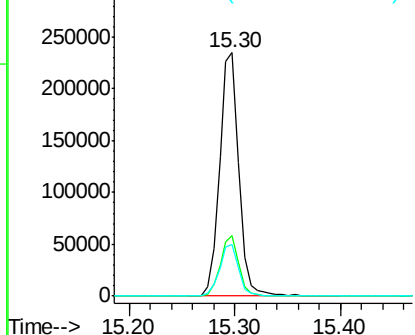
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

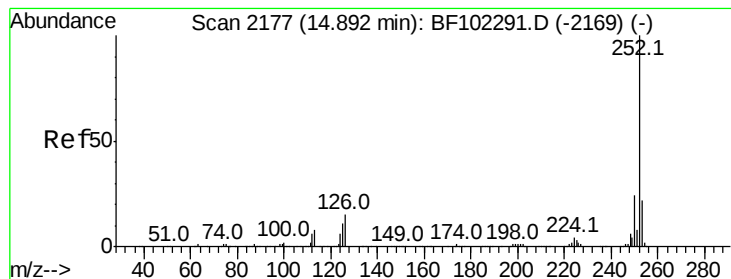
Tgt Ion:264 Resp: 299171

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.3	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: 38.816 ng

RT: 14.89 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampled :

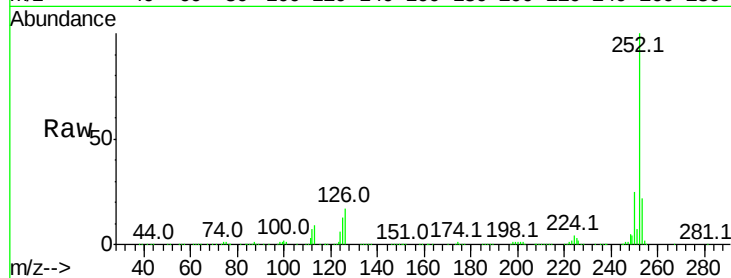
Tot Ion:252 Resp: 752666

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

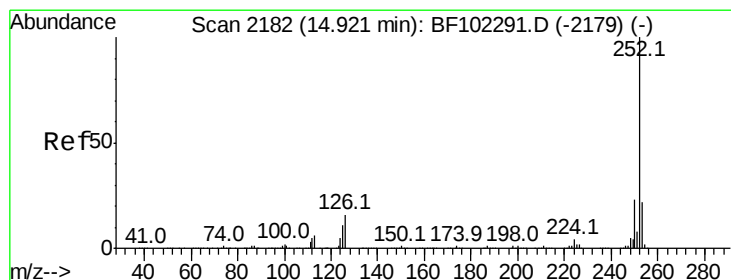
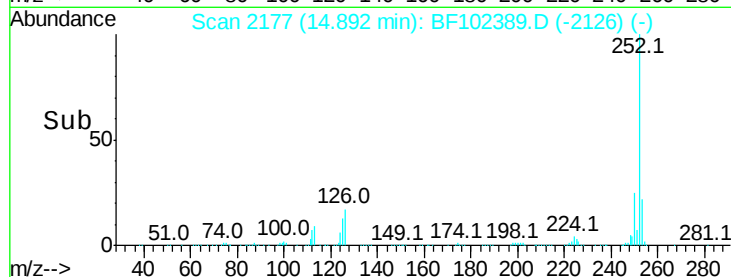
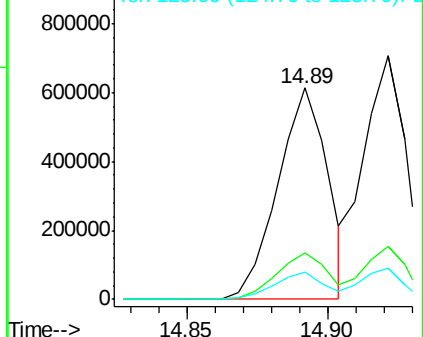
125 12.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.039 ng

RT: 14.92 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

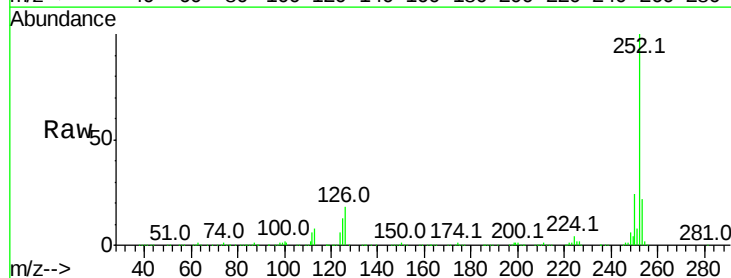
Tgt Ion:252 Resp: 751828

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

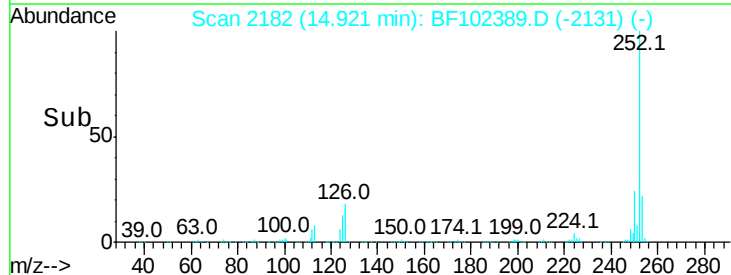
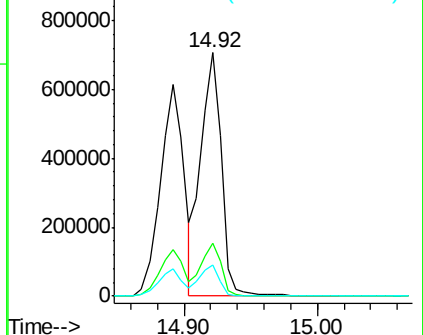
125 12.5 10.2 15.2

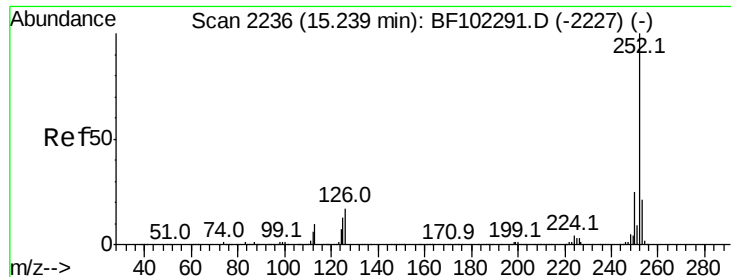


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.896 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

Instrument :

BNA_F

ClientSampleId :

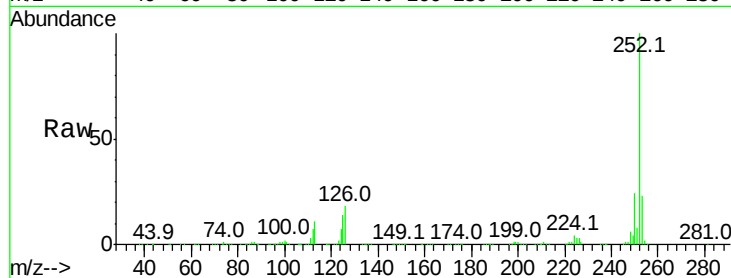
Tot Ion:252 Resp: 697711

Ion Ratio Lower Upper

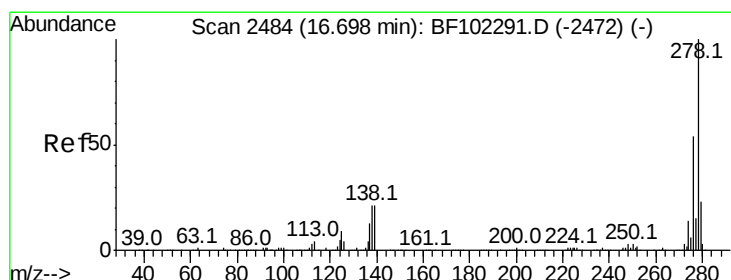
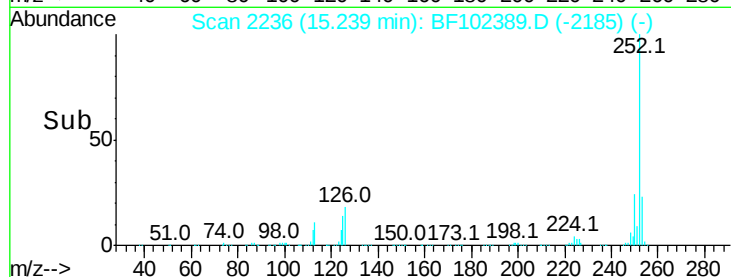
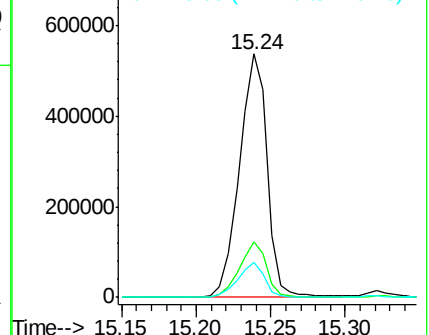
252 100

253 22.7 17.1 25.7

125 14.3 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: 39.286 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.01 min

Lab File: BF102389.D

Acq: 24 Jan 2018 15:03

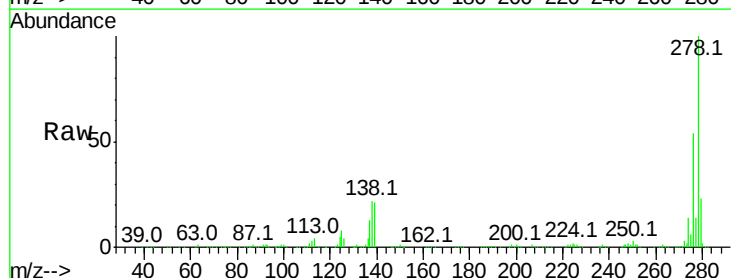
Tgt Ion:278 Resp: 556537

Ion Ratio Lower Upper

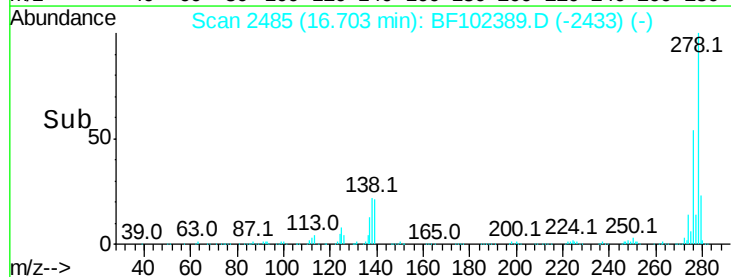
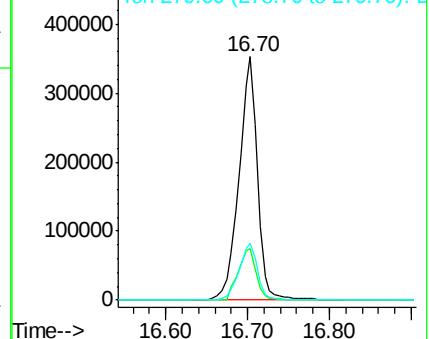
278 100

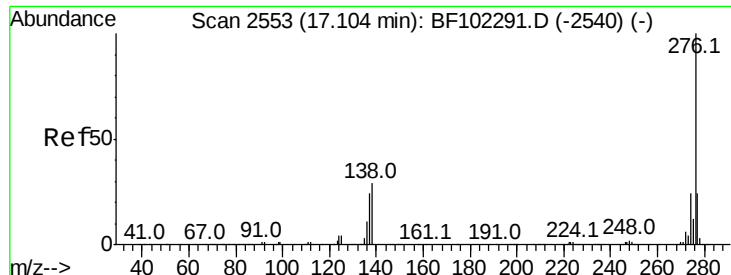
139 21.2 15.9 23.9

279 23.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

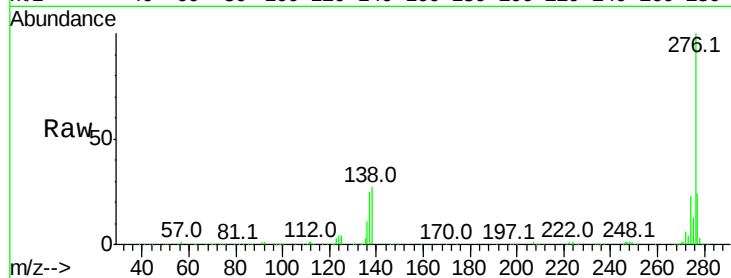




#91
 Benzo(a,h,i)perylene
 Concen: 40.022 ng
 RT: 17.10 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: BF102389.D
 Acq: 24 Jan 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	26.9	21.8	32.8



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

