

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
 Data File : BF106484.D
 Acq On : 15 Jun 2018 10:21
 Operator : JU/SJ
 Sample : PB110266BSD
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Quant Time: Jun 15 11:12:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	112341	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	392592	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	156292	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	272056	20.00	ng	0.00
75) Chrysene-d12	14.15	240	266943	20.00	ng	0.00
86) Perylene-d12	15.69	264	186645	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	570240	85.91	ng	0.00
7) Phenol-d6	6.61	99	659723	78.67	ng	0.00
23) Nitrobenzene-d5	7.53	82	620330	92.95	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	134150	89.21	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	973631	129.73	ng	0.00
78) Terphenyl-d14	13.08	244	975441	90.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	124731	36.310	ng	95
3) Pyridine	3.65	79	373063	38.971	ng	98
4) n-Nitrosodimethylamine	3.62	42	169897	38.741	ng	# 95
6) Aniline	6.63	93	215032	17.560	ng	# 49
8) 2-Chlorophenol	6.76	128	293446	41.111	ng	97
9) Benzaldehyde	6.52	77	191588	30.120	ng	97
10) Phenol	6.62	94	375855	41.055	ng	82
11) bis(2-Chloroethyl)ether	6.70	93	306897	39.159	ng	99
12) 1,3-Dichlorobenzene	6.91	146	342153	40.728	ng	98
13) 1,4-Dichlorobenzene	6.98	146	343645	40.309	ng	99
14) 1,2-Dichlorobenzene	7.14	146	315368	39.296	ng	99
15) Benzyl Alcohol	7.11	79	268715	37.417	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	449525	40.013	ng	75
17) 2-Methylphenol	7.22	107	244642	38.415	ng	# 93
18) Hexachloroethane	7.48	117	97249	32.014	ng	91
19) n-Nitroso-di-n-propylamine	7.37	70	204367	32.483	ng	97
20) 3+4-Methylphenols	7.38	107	305410	37.500	ng	# 77
22) Acetophenone	7.37	105	397995	40.227	ng	# 95
24) Nitrobenzene	7.55	77	318577	43.921	ng	96
25) Isophorone	7.78	82	561213	43.055	ng	98
26) 2-Nitrophenol	7.87	139	144038	51.161	ng	96
27) 2,4-Dimethylphenol	7.90	122	255557	46.311	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	353609	41.837	ng	99
29) 2,4-Dichlorophenol	8.11	162	238934	44.881	ng	100
30) 1,2,4-Trichlorobenzene	8.19	180	252467	42.295	ng	96
31) Naphthalene	8.27	128	774330	43.631	ng	99
32) Benzoic acid	8.01	122	133530	35.115	ng	99
33) 4-Chloroaniline	8.32	127	84917	10.797	ng	98
34) Hexachlorobutadiene	8.38	225	164219	42.822	ng	100
35) Caprolactam	8.68	113	70345	39.065	ng	94
36) 4-Chloro-3-methylphenol	8.81	107	237569	40.342	ng	99
37) 2-Methylnaphthalene	8.96	142	506630	41.913	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	250722	49.416	ng	# 97
40) Hexachlorocyclopentadiene	9.11	237	48955	17.488	ng	99

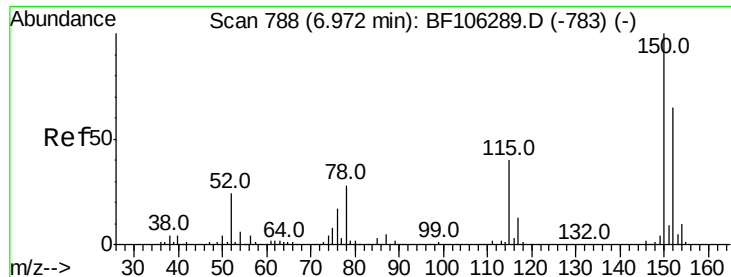
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	158909	49.147	nq	98
43) 2,4,5-Trichlorophenol	9.30	196	163031	46.772	nq	94
45) 1,1'-Biphenyl	9.42	154	576893	47.655	nq	99
46) 2-Chloronaphthalene	9.45	162	444250	45.857	nq	98
47) 2-Nitroaniline	9.55	65	151613	49.749	nq	90
48) Acenaphthylene	9.87	152	680262	45.876	nq	99
49) Dimethylphthalate	9.72	163	523113	46.848	nq	99
50) 2,6-Dinitrotoluene	9.79	165	104427	45.784	nq	92
51) Acenaphthene	10.04	154	388169	40.535	nq	99
52) 3-Nitroaniline	9.96	138	75313	27.820	nq	97
53) 2,4-Dinitrophenol	10.07	184	14648	21.095	nq #	17
54) Dibenzofuran	10.21	168	563861	43.727	nq	97
55) 4-Nitrophenol	10.14	139	148327	71.482	nq	90
56) 2,4-Dinitrotoluene	10.19	165	127634	44.561	nq	97
57) Fluorene	10.56	166	419148	41.025	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	121853	44.107	nq #	85
59) Diethylphthalate	10.42	149	467808	42.209	nq	97
60) 4-Chlorophenyl-phenylether	10.55	204	220258	40.988	nq #	88
61) 4-Nitroaniline	10.57	138	89152	33.848	nq	97
62) Azobenzene	10.71	77	468468	40.537	nq	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	16544	16.089	nq	91
65) n-Nitrosodiphenylamine	10.67	169	391738	42.844	nq	95
66) 4-Bromophenyl-phenylether	11.04	248	137560	44.456	nq #	86
67) Hexachlorobenzene	11.11	284	140275	43.972	nq #	85
68) Atrazine	11.19	200	121996	43.296	nq	95
69) Pentachlorophenol	11.30	266	123479	62.870	nq	98
70) Phenanthrene	11.52	178	598548	44.924	nq	99
71) Anthracene	11.58	178	609201	45.640	nq	99
72) Carbazole	11.73	167	554698	45.014	nq	100
73) Di-n-butylphthalate	12.05	149	607215	44.274	nq	99
74) Fluoranthene	12.72	202	695891	48.976	nq	96
76) Benzidine	12.84	184	549368	61.836	nq	98
77) Pyrene	12.95	202	718754	43.008	nq	99
79) Butylbenzylphthalate	13.55	149	295341	47.211	nq #	97
80) Benzo(a)anthracene	14.14	228	699048	44.005	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	246403	45.973	nq #	96
82) Chrysene	14.18	228	646997	44.609	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	395310	44.072	nq	99
84) Di-n-octyl phthalate	14.74	149	694107	53.677	nq	99
85) Indeno(1,2,3-cd)pyrene	17.25	276	449683	38.849	nq #	93
87) Benzo(b)fluoranthene	15.24	252	530515	47.021	nq #	97
88) Benzo(k)fluoranthene	15.27	252	502890	45.006	nq #	96
89) Benzo(a)pyrene	15.62	252	459738	45.303	nq	98
90) Dibenzo(a,h)anthracene	17.27	278	373061	44.095	nq	96
91) Benzo(g,h,i)perylene	17.73	276	375576	45.679	nq #	92

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

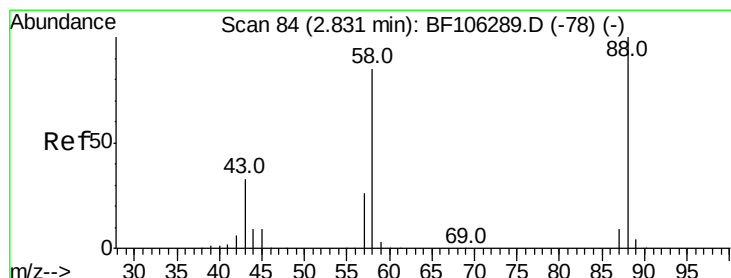
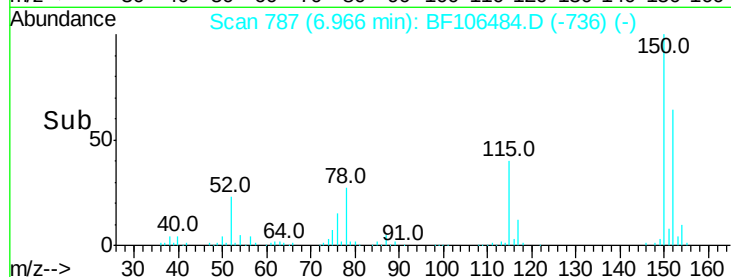
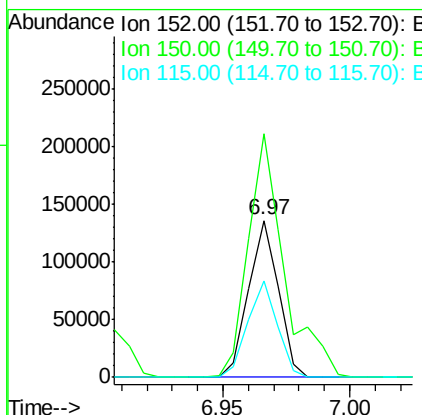
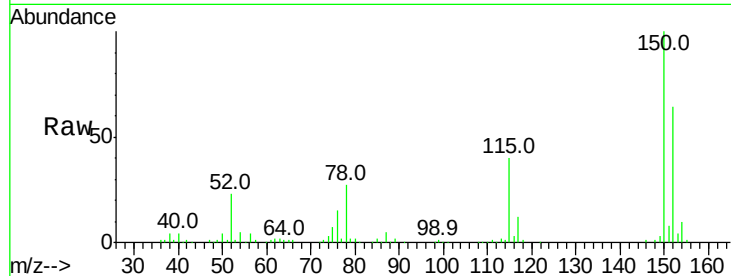


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

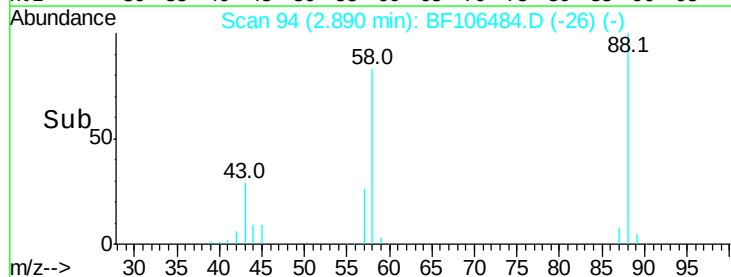
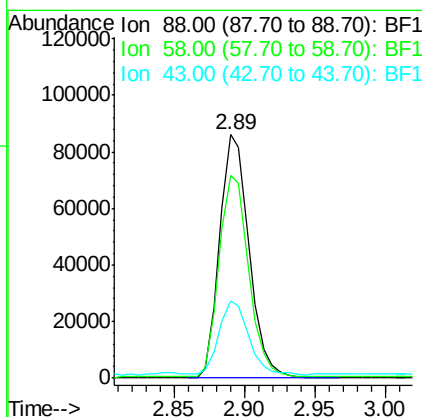
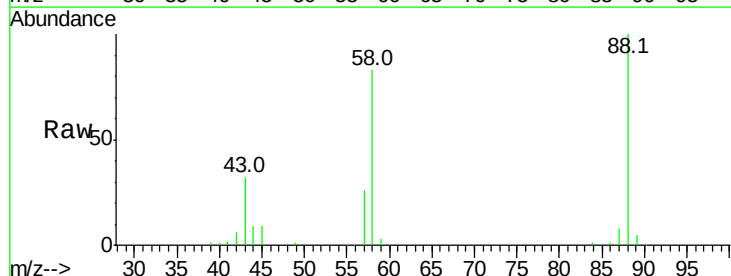
Tot Ion:152 Resp: 112341
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.6 186.8
 115 61.9 50.1 75.1

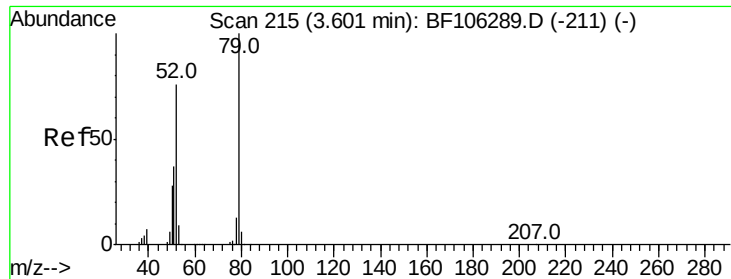


#2

1,4-Dioxane
 Concen: 36.310 ng
 RT: 2.89 min Scan# 94
 Delta R.T. 0.10 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Tgt Ion: 88 Resp: 124731
 Ion Ratio Lower Upper
 88 100
 58 83.7 62.6 93.8
 43 30.7 24.6 37.0





#3

Pvridine

Concen: 38.971 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.08 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

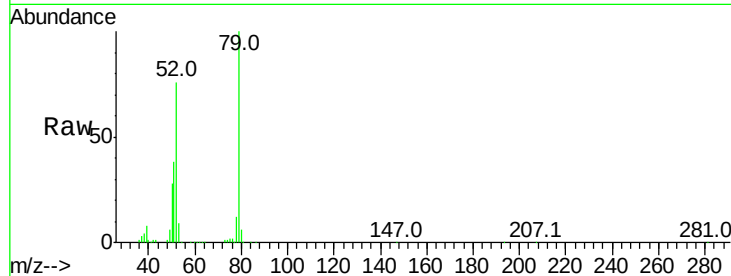
Tot Ion: 79 Resp: 373063

Ion Ratio Lower Upper

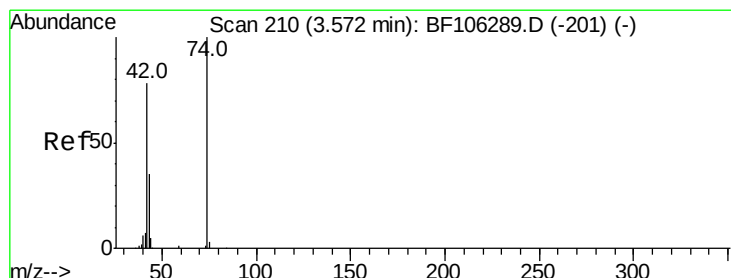
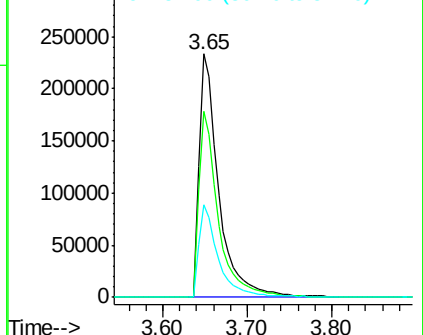
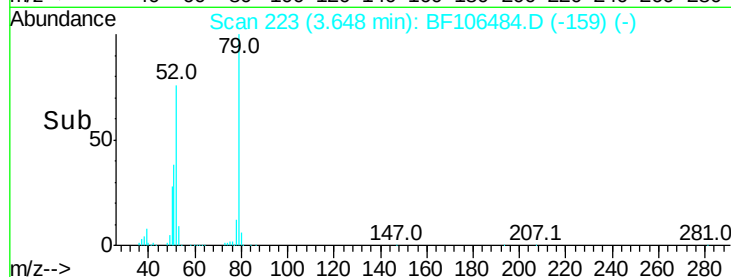
79 100

52 76.4 59.8 89.6

51 37.9 29.8 44.8



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



#4

n-Nitrosodimethylamine

Concen: 38.741 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.08 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

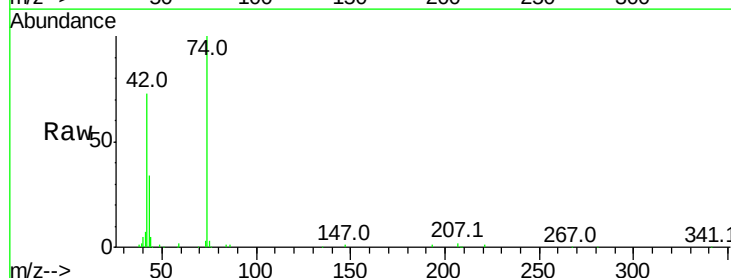
Tgt Ion: 42 Resp: 169897

Ion Ratio Lower Upper

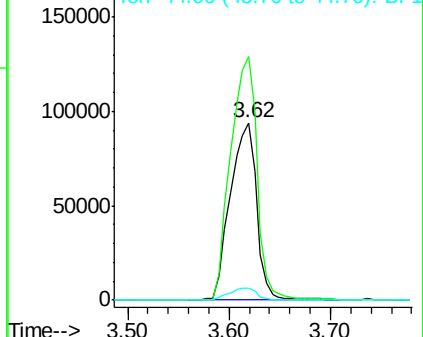
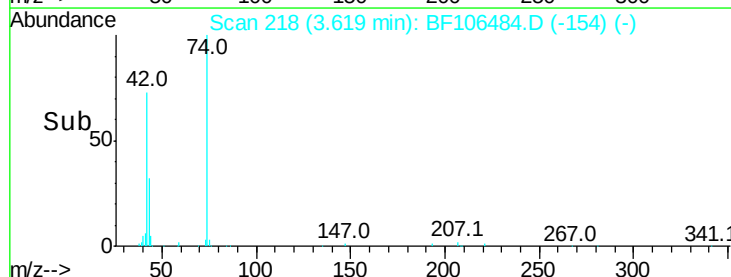
42 100

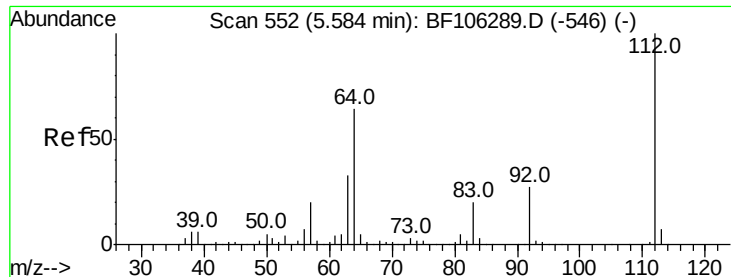
74 137.2 104.9 157.3

44 6.9 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 85.911 ng

RT: 5.62 min Scan# 558

Delta R.T. 0.01 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

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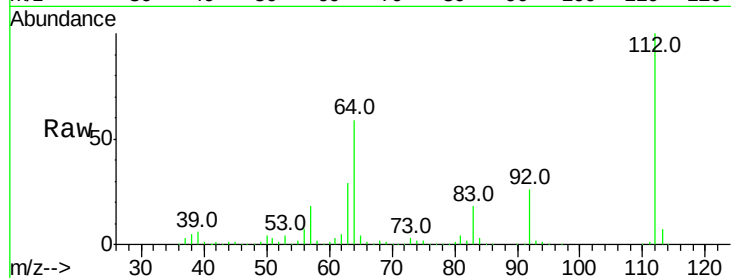
Tot Ion: 112 Resp: 570240

Ion Ratio Lower Upper

112 100

64 59.5 47.9 71.9

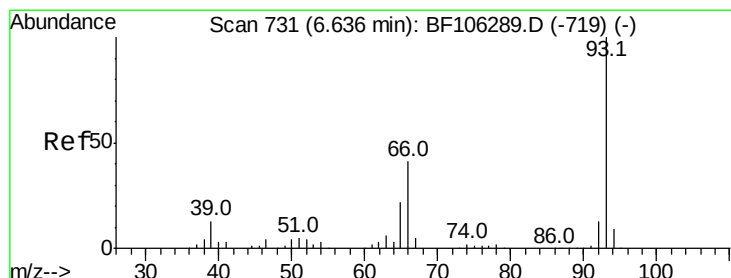
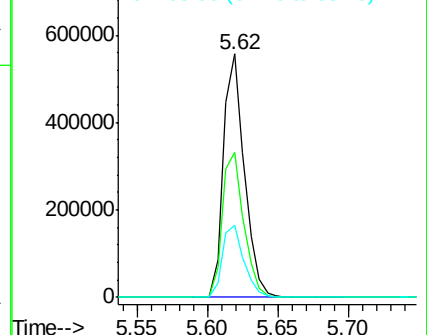
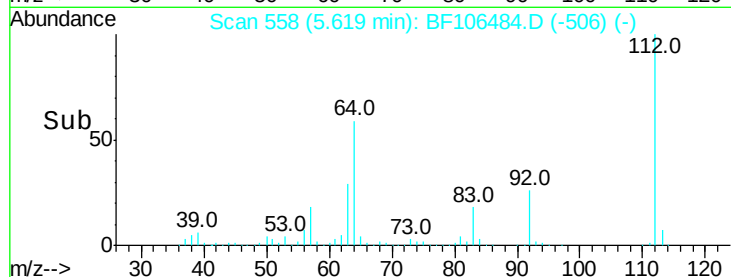
63 29.5 23.7 35.5



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: 17.560 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

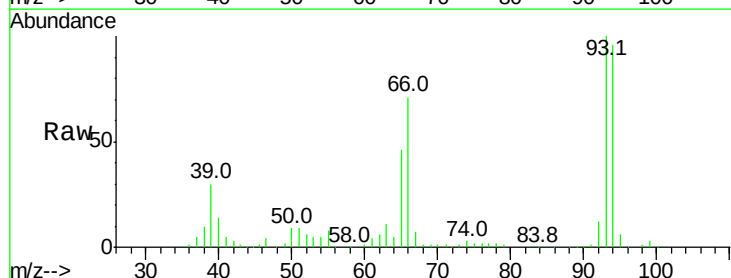
Tgt Ion: 93 Resp: 215032

Ion Ratio Lower Upper

93 100

66 71.1 32.2 48.2#

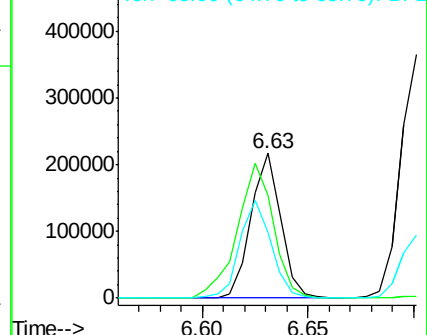
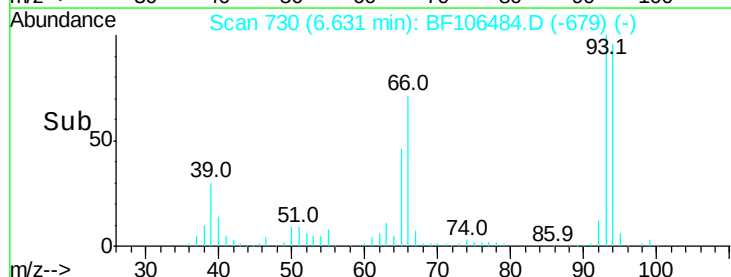
65 45.5 16.4 24.6#

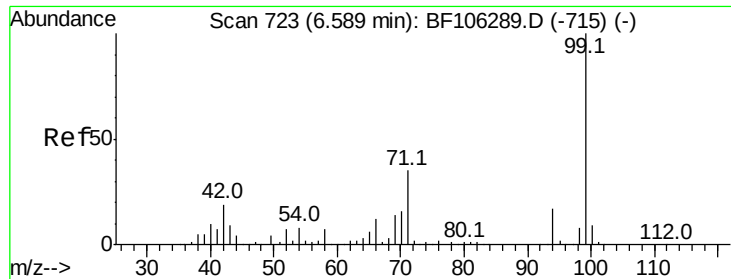


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 78.670 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF106484.D

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PB110266BSD

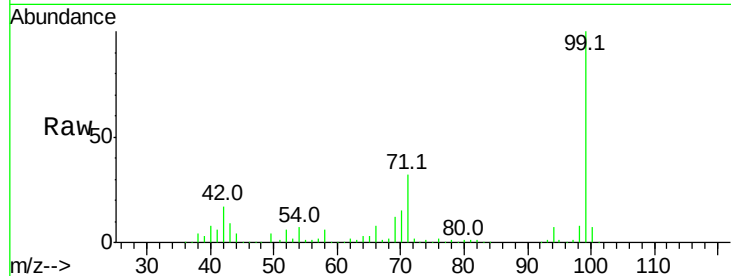
Tot Ion: 99 Resp: 659723

Ion Ratio Lower Upper

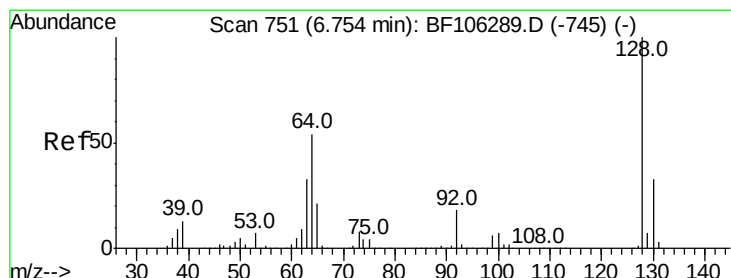
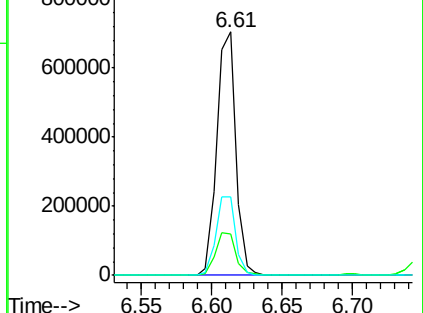
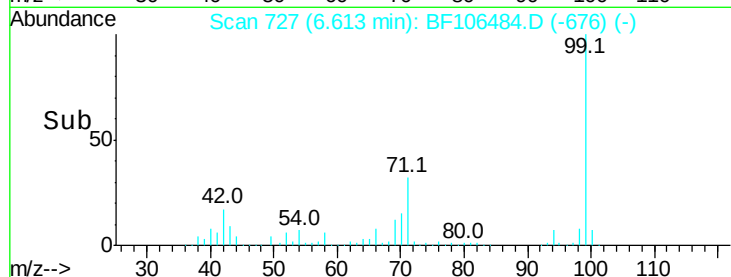
99 100

42 16.8 14.5 21.7

71 32.4 25.4 38.0



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



#8

2-Chlorophenol

Concen: 41.111 ng

RT: 6.76 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

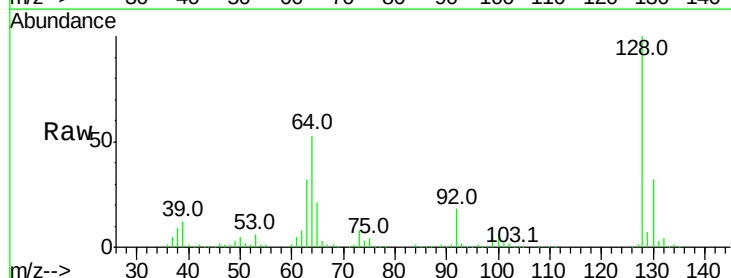
Tgt Ion: 128 Resp: 293446

Ion Ratio Lower Upper

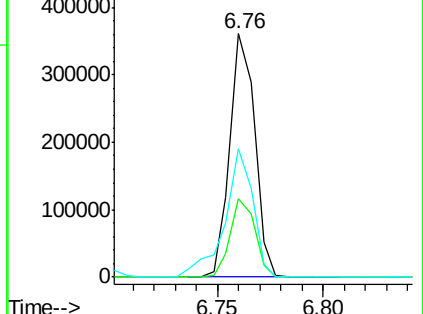
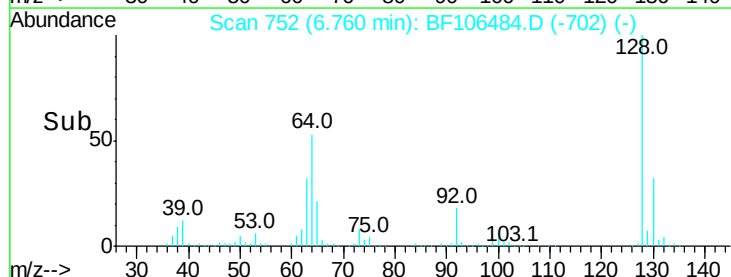
128 100

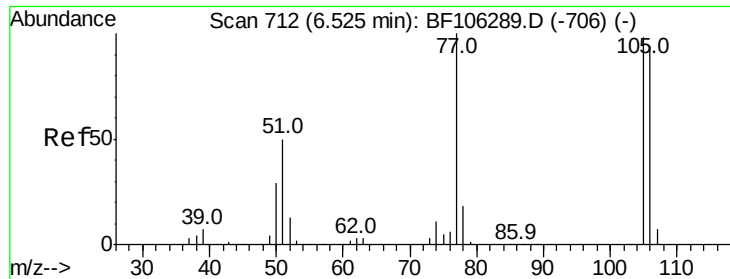
130 32.4 13.0 53.0

64 52.5 29.4 69.4



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





#9

Benzaldehyde

Concen: 30.120 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF106484.D

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PB110266BSD

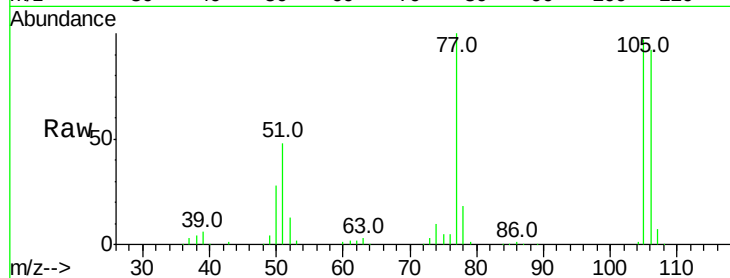
Tot Ion: 77 Resp: 191588

Ion Ratio Lower Upper

77 100

105 97.2 81.1 121.1

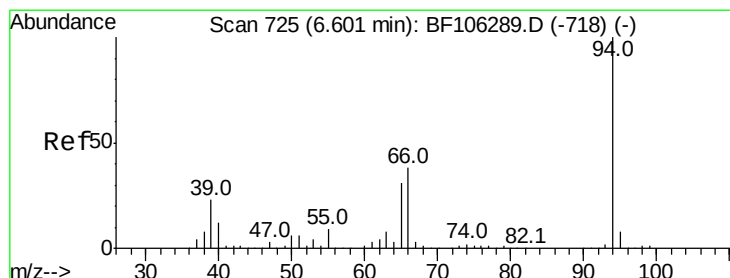
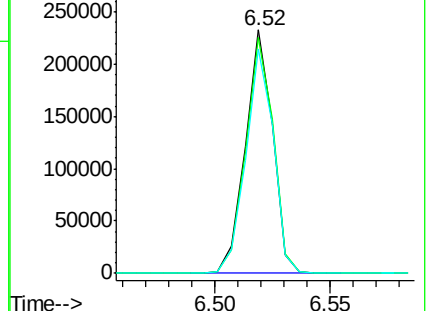
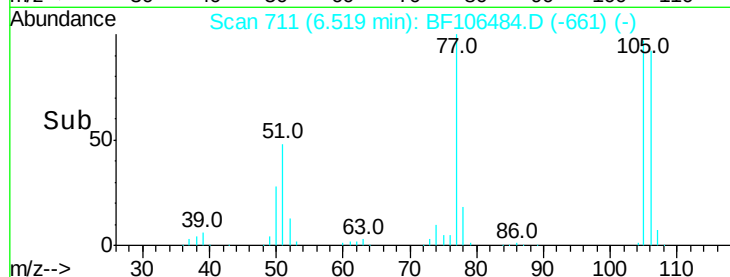
106 92.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.055 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

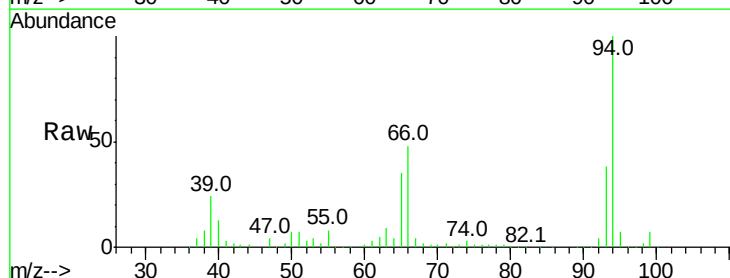
Tgt Ion: 94 Resp: 375855

Ion Ratio Lower Upper

94 100

65 34.9 7.9 47.9

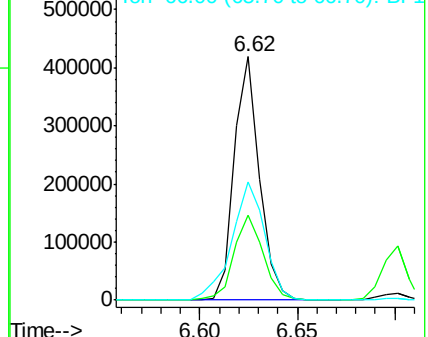
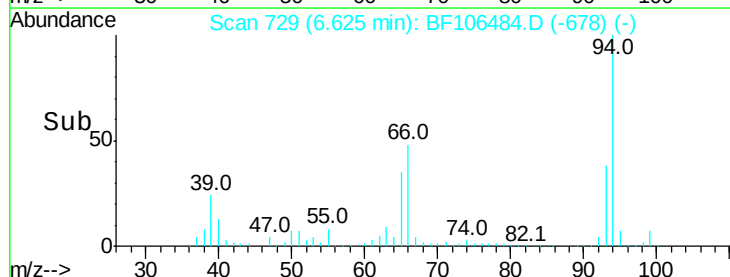
66 48.4 16.2 56.2

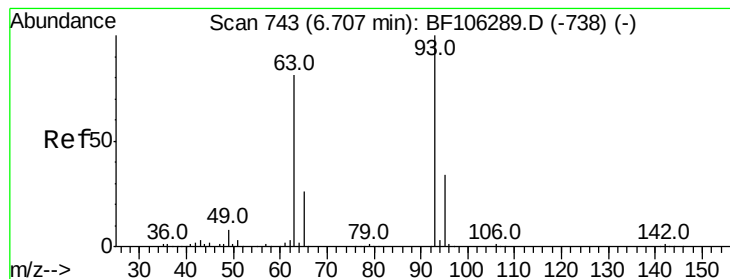


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.159 ng

RT: 6.70 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

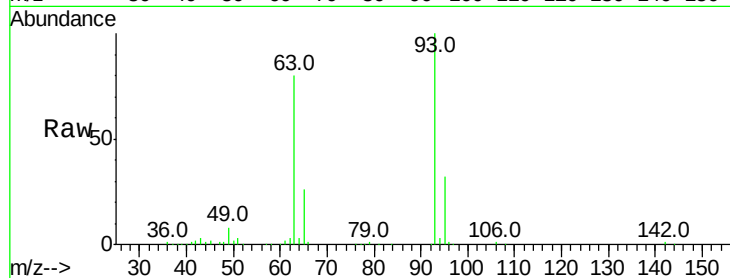
Tot Ion: 93 Resp: 306897

Ion Ratio Lower Upper

93 100

63 80.1 58.6 98.6

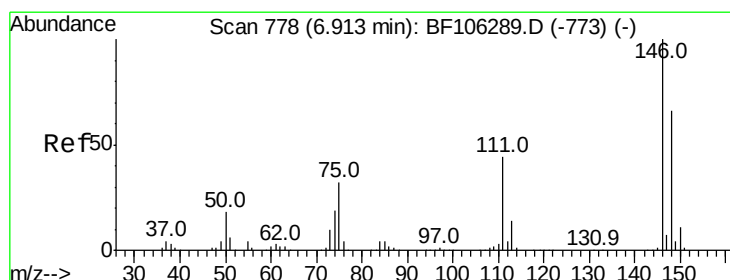
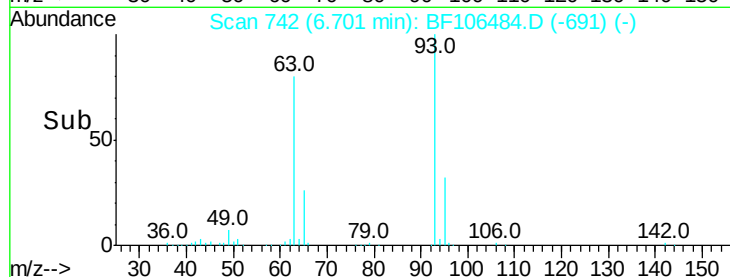
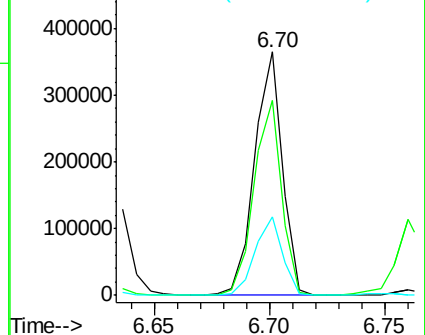
95 32.2 11.8 51.8



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: 40.728 ng

RT: 6.91 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

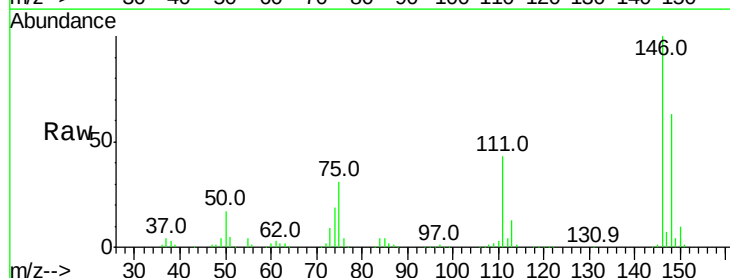
Tgt Ion: 146 Resp: 342153

Ion Ratio Lower Upper

146 100

148 62.7 51.8 77.8

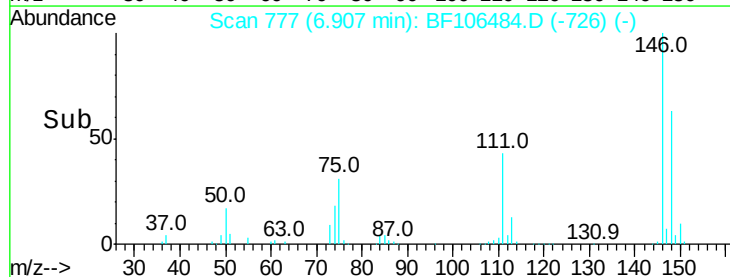
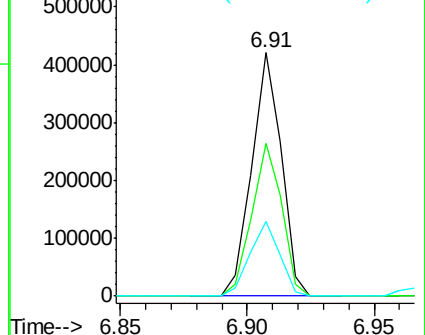
75 30.8 24.2 36.4

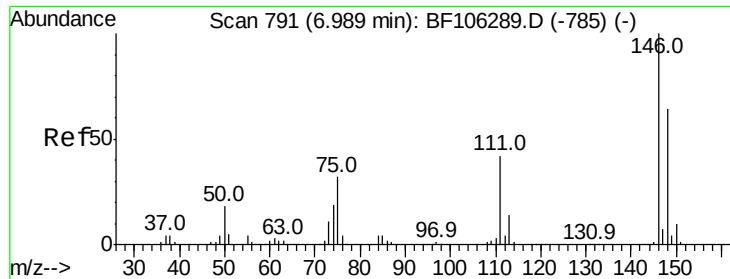


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

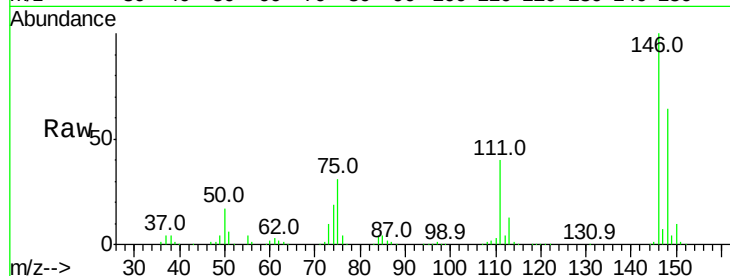




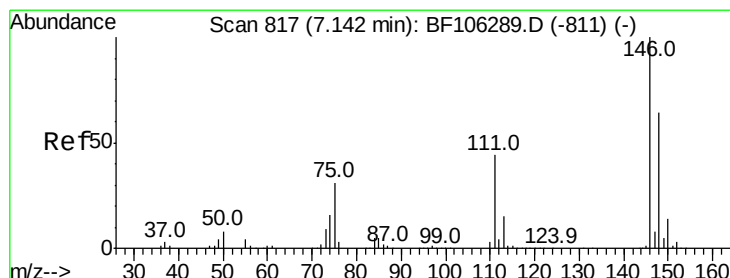
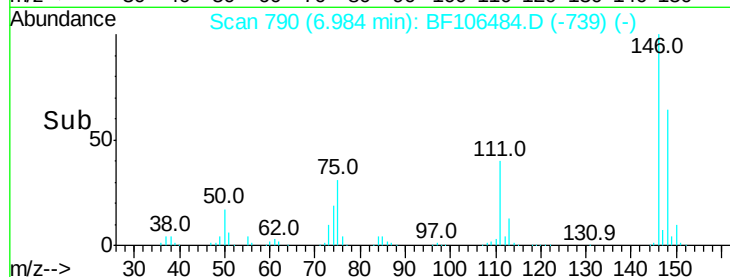
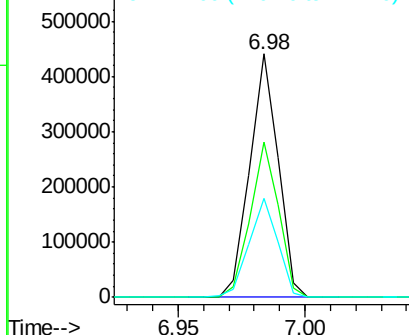
#13
 1,4-Dichlorobenzene
 Concen: 40.309 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion:146 Resp: 343645
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 40.4 34.2 51.2

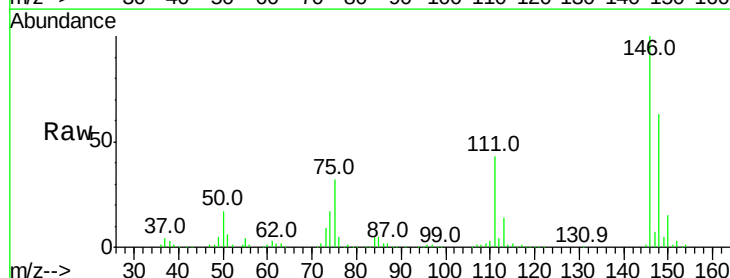


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

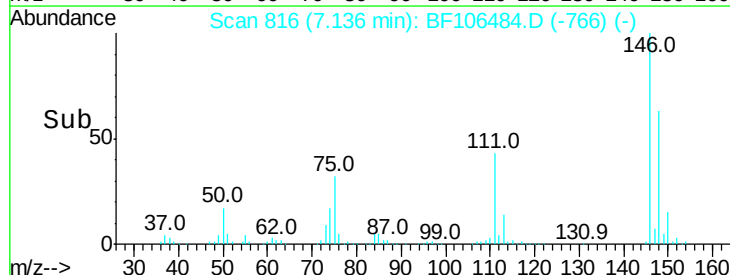
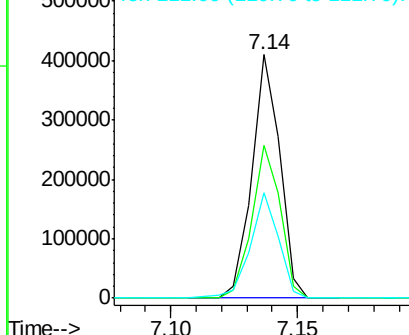


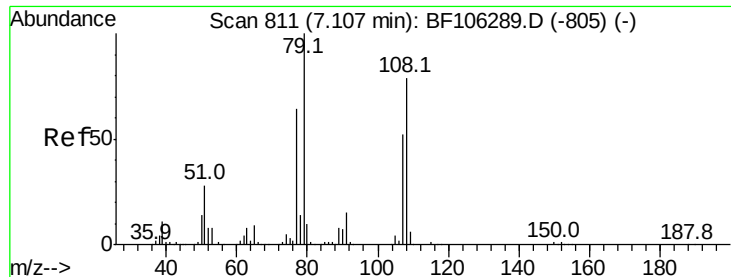
#14
 1,2-Dichlorobenzene
 Concen: 39.296 ng
 RT: 7.14 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Tgt Ion:146 Resp: 315368
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.6 75.8
 111 43.4 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: 37.417 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

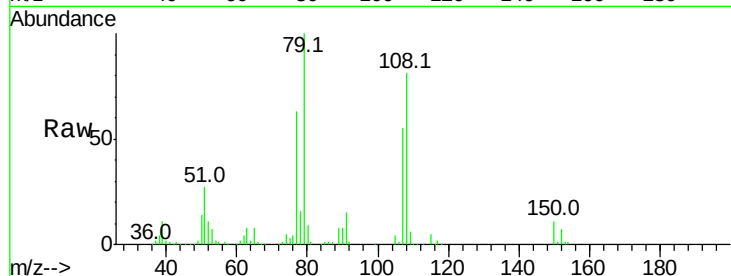
Tot Ion: 79 Resp: 268715

Ion Ratio Lower Upper

79 100

108 81.2 65.1 97.7

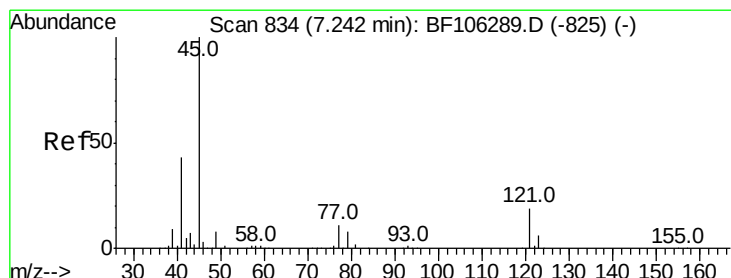
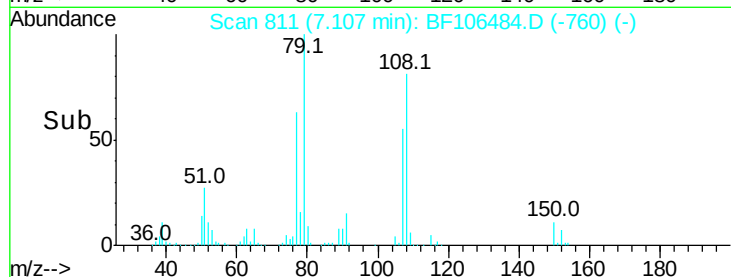
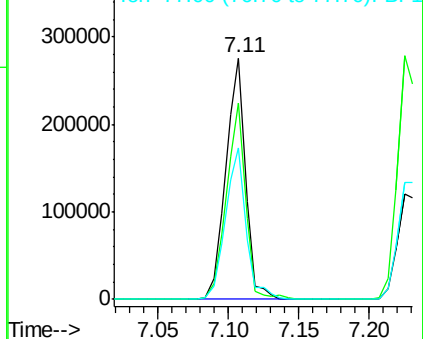
77 62.7 50.6 75.8



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: 40.013 ng

RT: 7.24 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

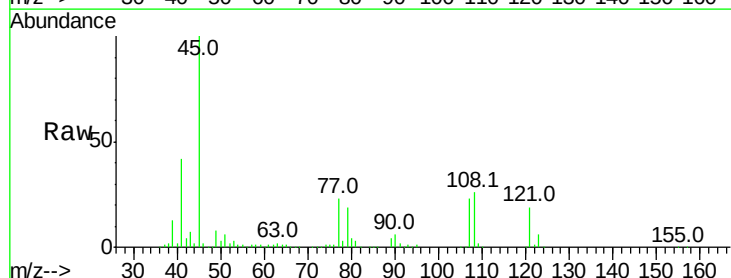
Tgt Ion: 45 Resp: 449525

Ion Ratio Lower Upper

45 100

77 22.9 0.0 32.9

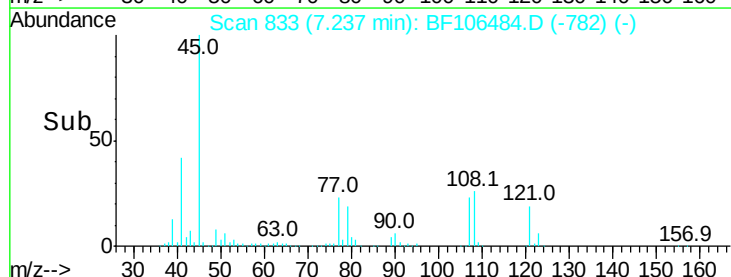
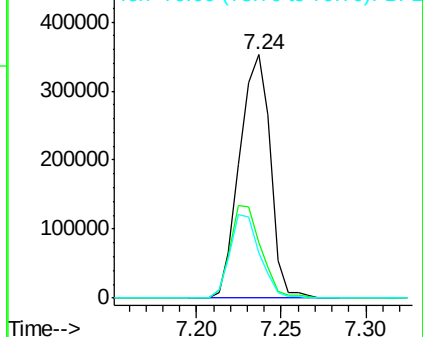
79 18.8 0.0 29.6

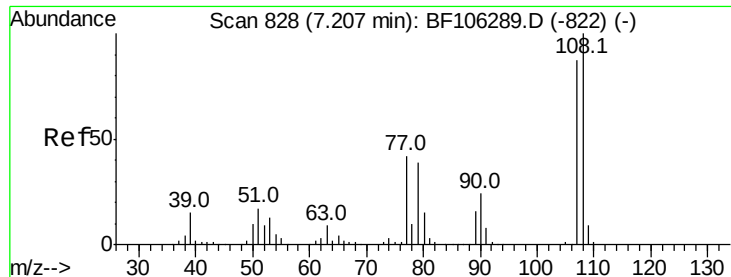


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 38.415 ng

RT: 7.22 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

Tot Ion:107 Resp: 244642

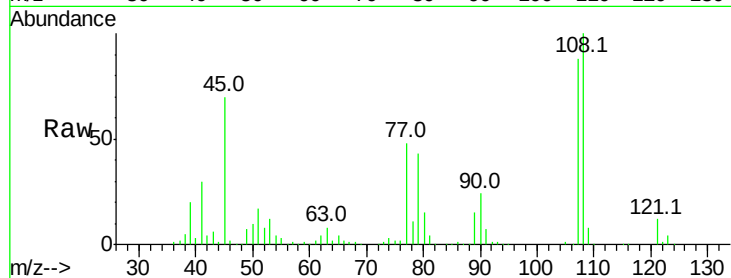
Ion Ratio Lower Upper

107 100

108 113.2 91.7 137.5

77 54.4 33.8 50.8#

79 49.1 33.8 50.8

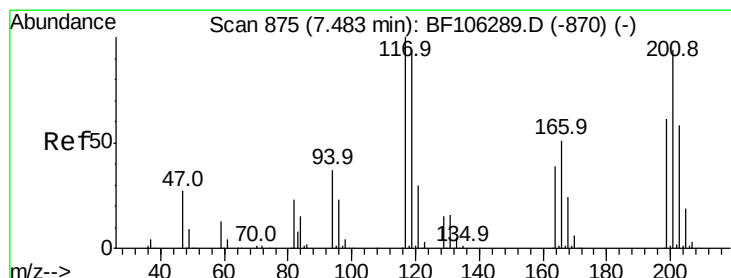
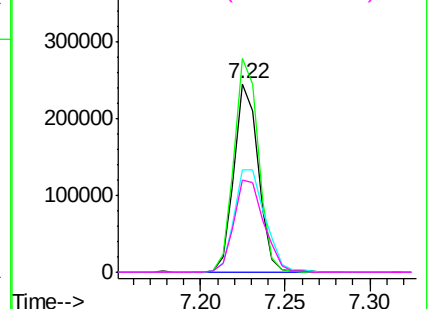
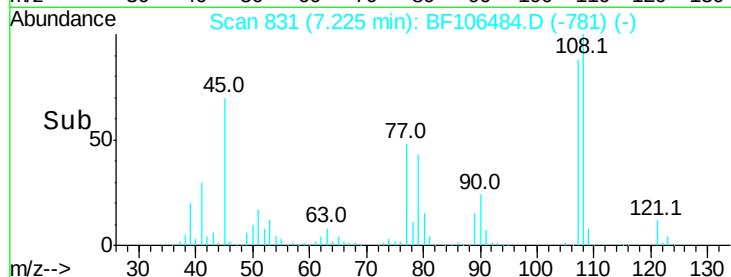


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 32.014 ng

RT: 7.48 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

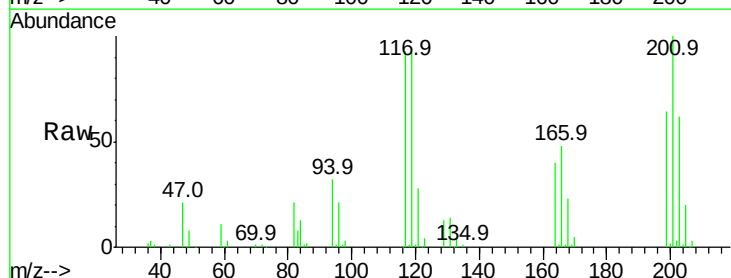
Tgt Ion:117 Resp: 97249

Ion Ratio Lower Upper

117 100

119 98.6 75.8 113.8

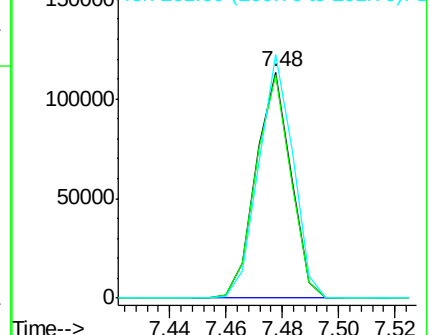
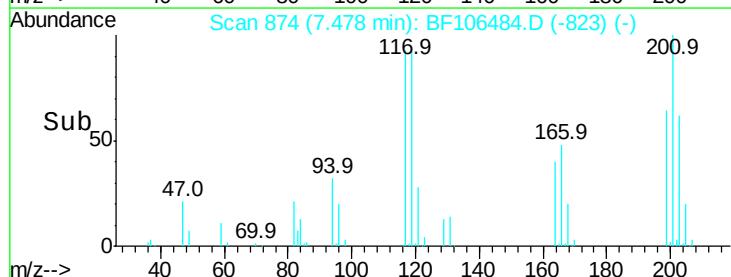
201 107.7 75.7 113.5

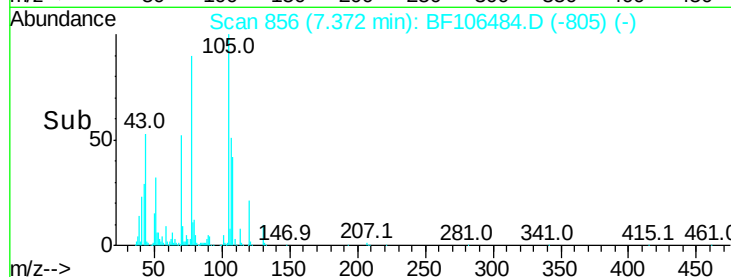
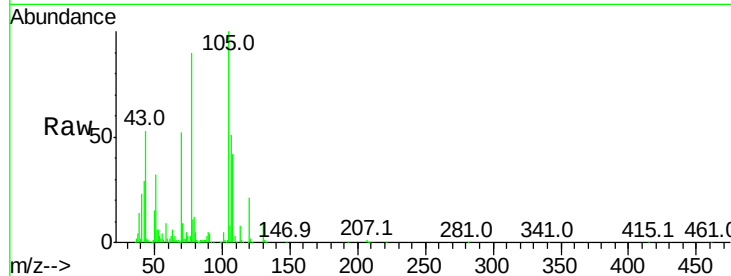
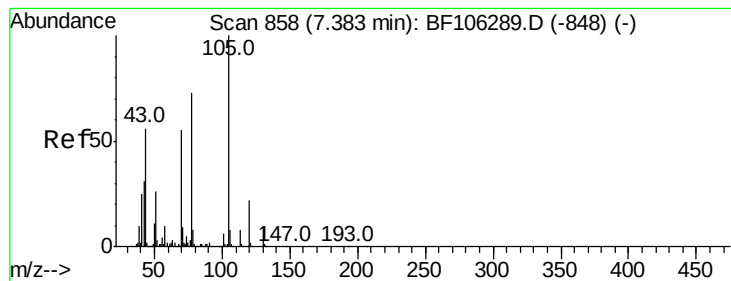


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.483 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

Tot Ion: 70 Resp: 204367

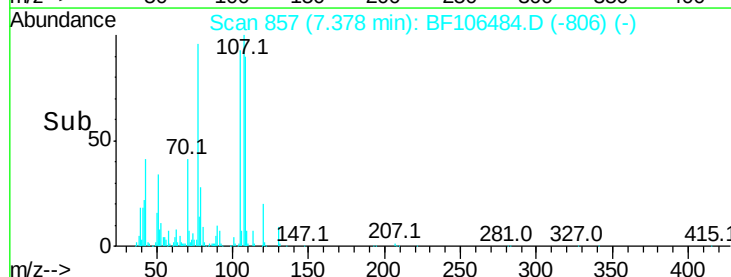
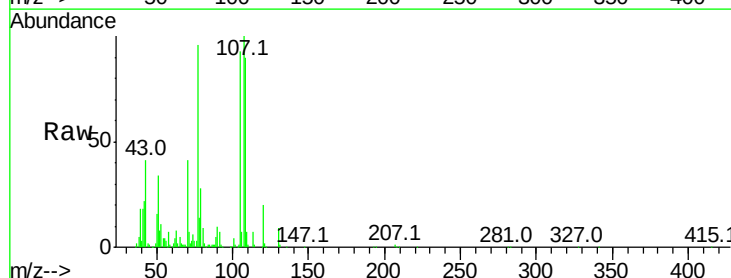
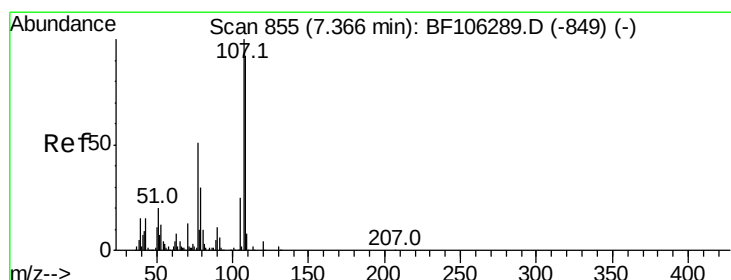
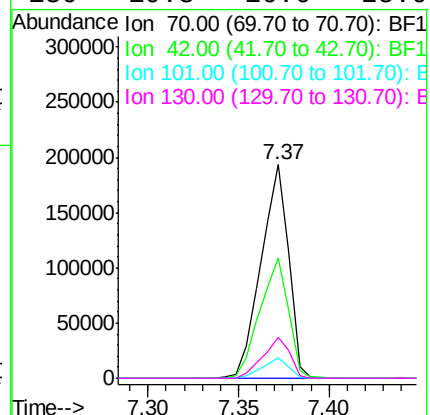
Ion Ratio Lower Upper

70 100

42 56.6 47.5 71.3

101 9.7 7.4 11.2

130 19.3 16.6 25.0



#20

3+4-Methylphenols

Concen: 37.500 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Tgt Ion: 107 Resp: 305410

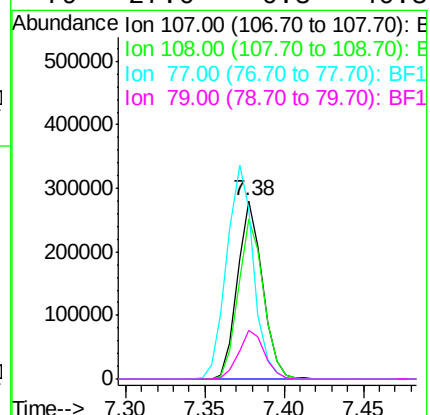
Ion Ratio Lower Upper

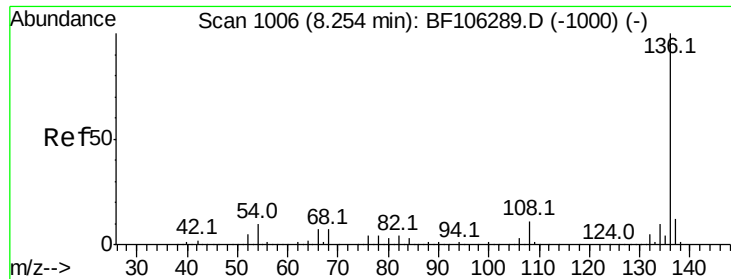
107 100

108 89.6 68.2 108.2

77 95.7 26.7 66.7#

79 27.6 6.3 46.3

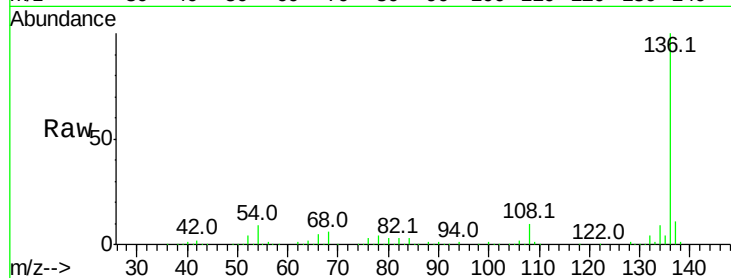




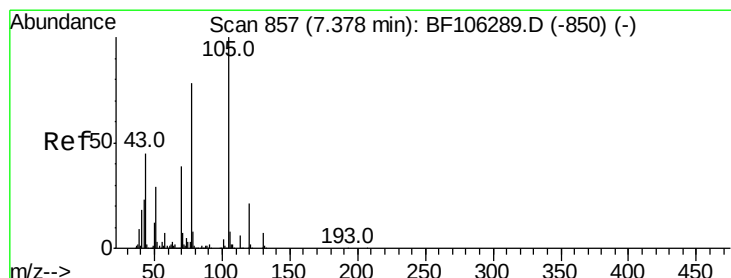
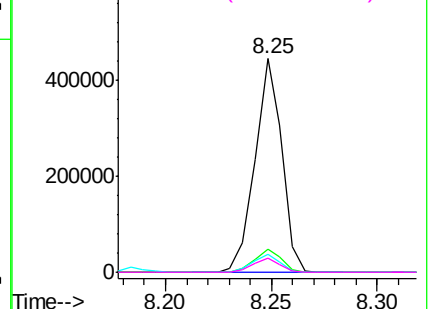
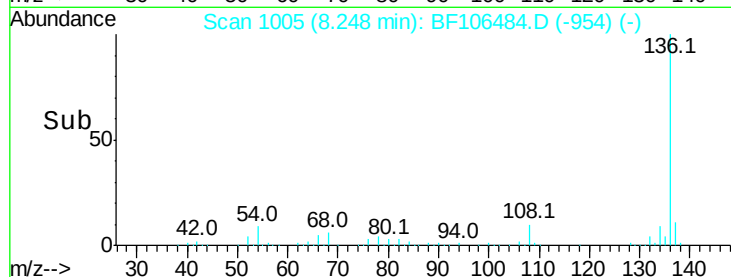
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion:136	Resp:	392592
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.9	13.3
54 8.7	6.6	9.8
68 6.4	5.0	7.4

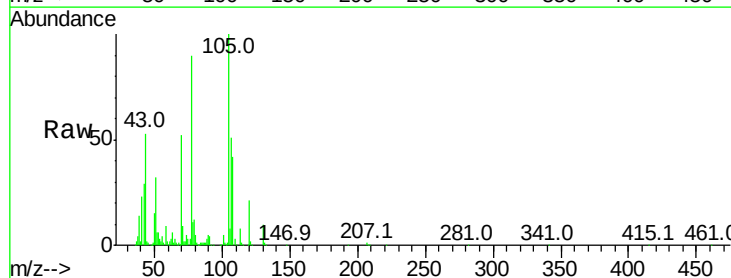


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

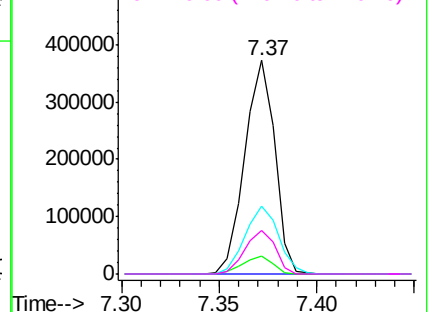
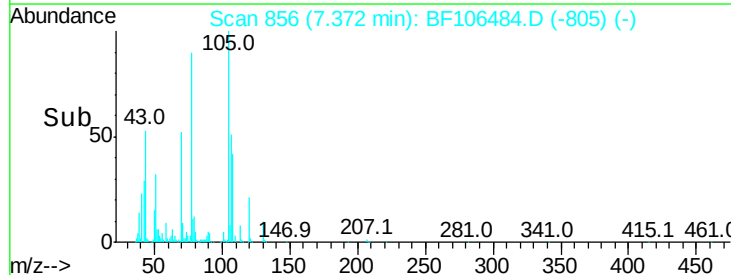


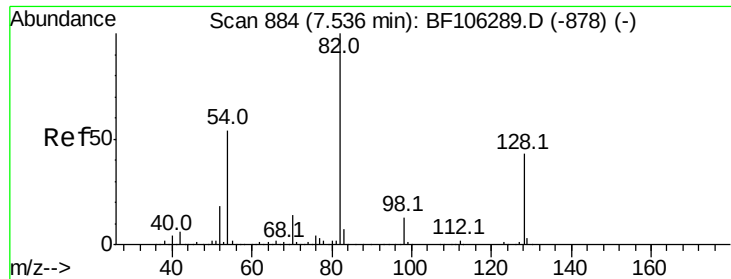
#22
Acetophenone
Concen: 40.227 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Tgt	Ion:105	Resp:	397995
Ion	Ratio	Lower	Upper
105	100		
71	8.7	4.4	6.6#
51	32.0	22.3	33.5
120	20.7	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

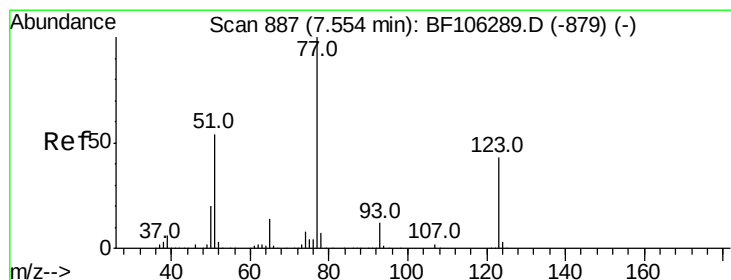
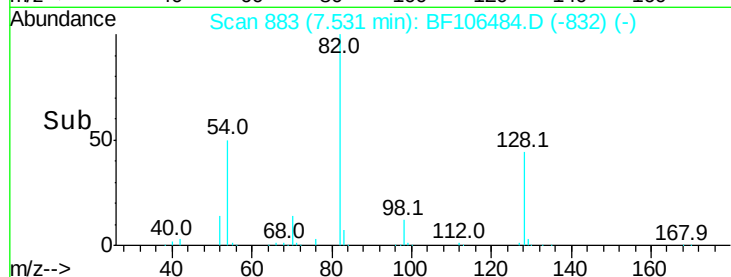
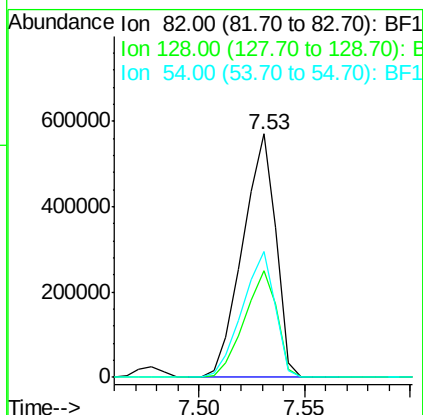
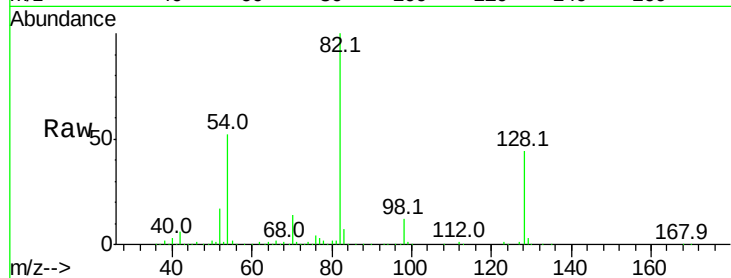




#23
Nitrobenzene-d5
Concen: 92.954 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

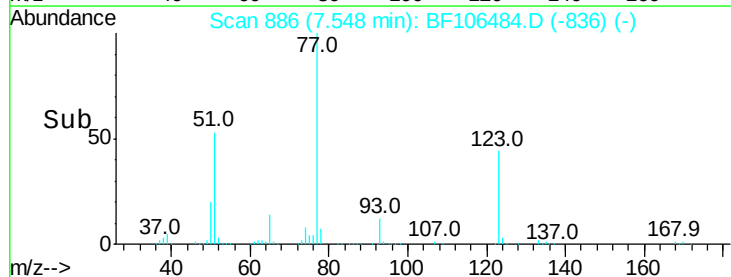
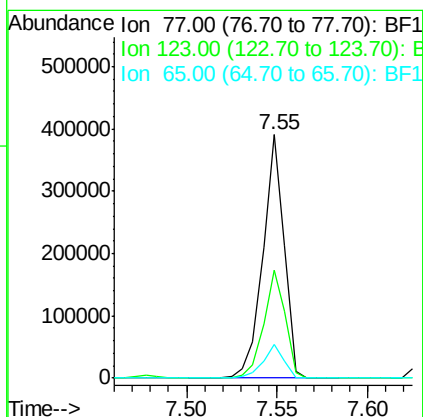
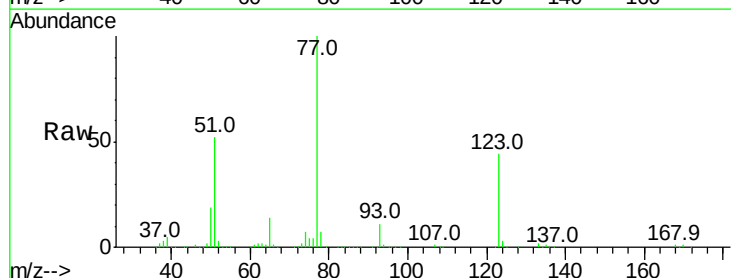
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

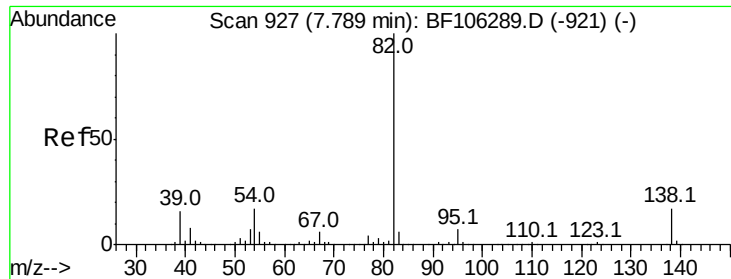
Tot Ion: 82 Resp: 620330
Ion Ratio Lower Upper
82 100
128 44.0 36.1 54.1
54 51.9 41.4 62.2



#24
Nitrobenzene
Concen: 43.921 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Tgt Ion: 77 Resp: 318577
Ion Ratio Lower Upper
77 100
123 44.2 37.9 56.9
65 13.7 11.0 16.4





#25

Isophorone

Concen: 43.055 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

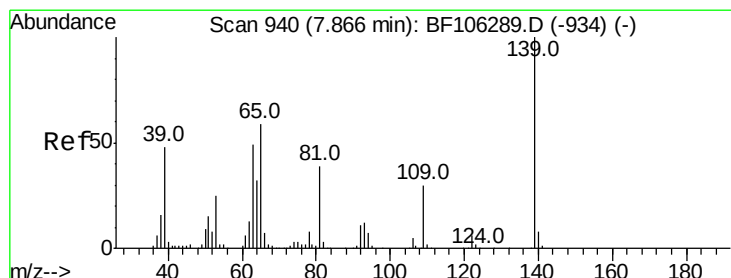
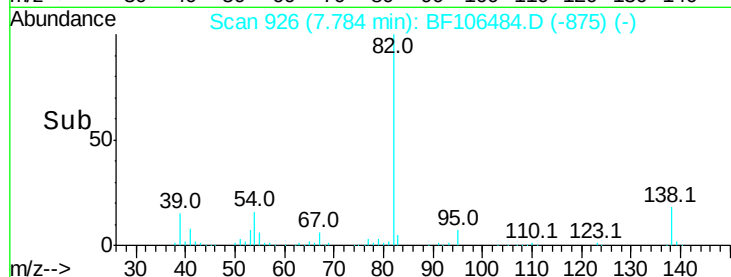
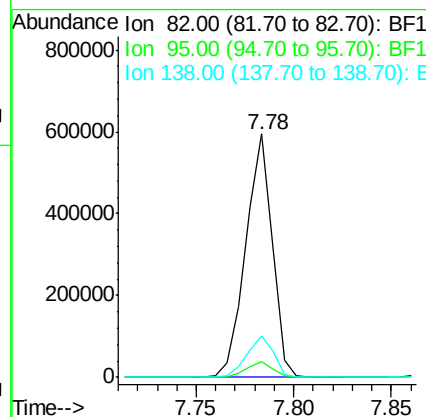
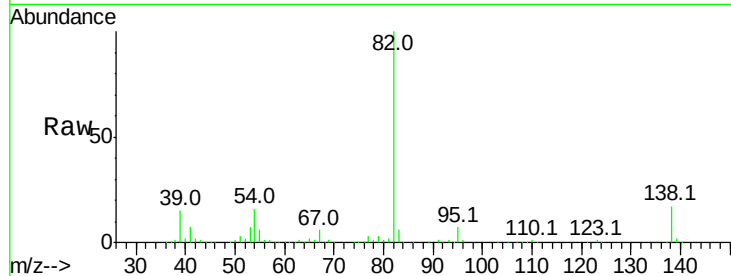
Tot Ion: 82 Resp: 561213

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 17.2 14.9 22.3



#26

2-Nitrophenol

Concen: 51.161 ng

RT: 7.87 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

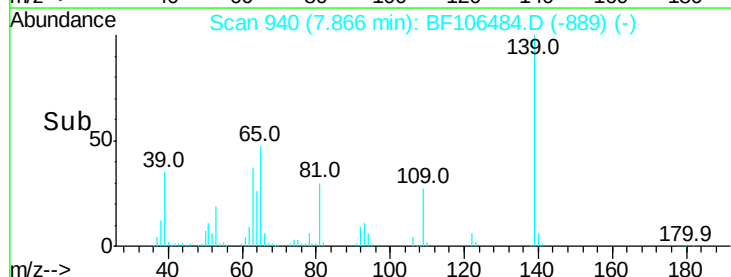
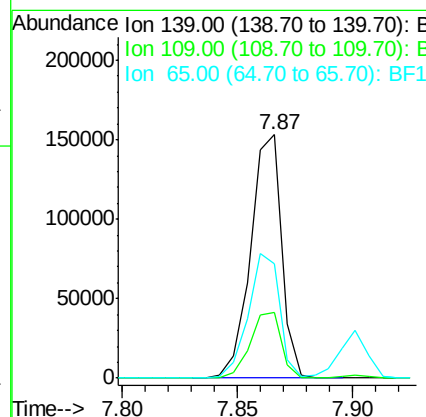
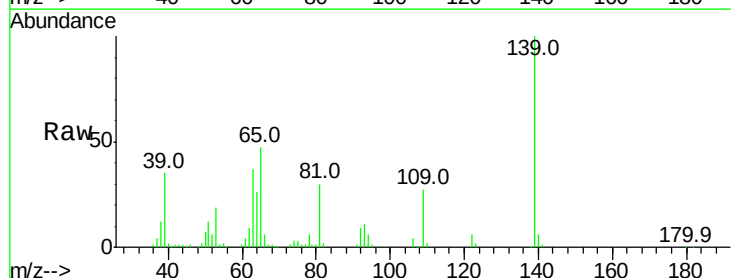
Tgt Ion:139 Resp: 144038

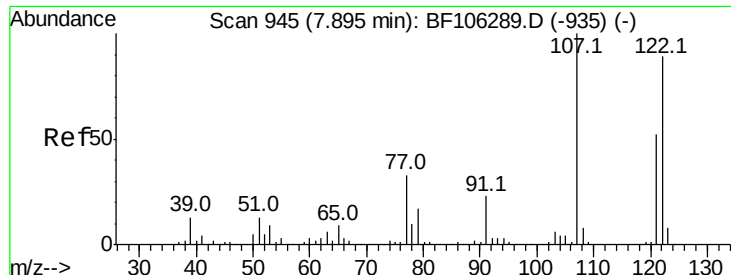
Ion Ratio Lower Upper

139 100

109 27.0 22.7 34.1

65 46.8 40.5 60.7

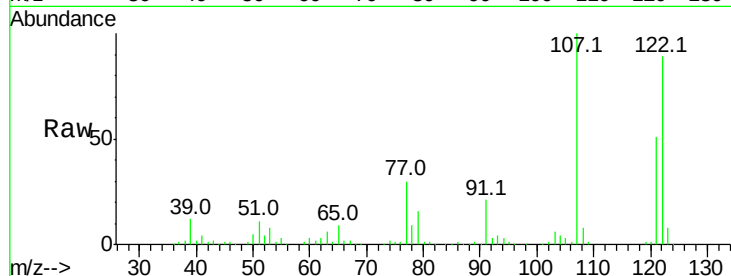




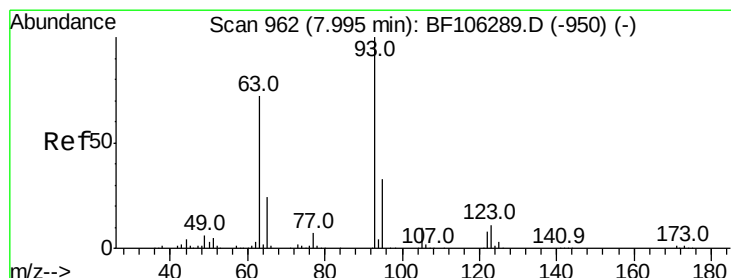
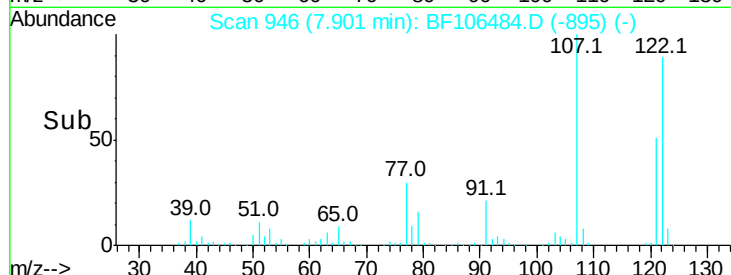
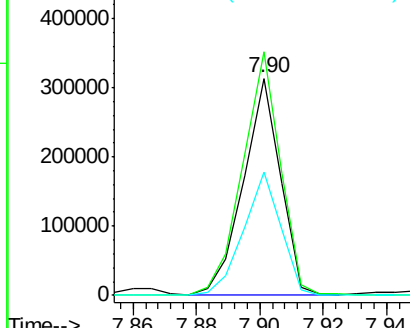
#27
 2,4-Dimethylphenol
 Concen: 46.311 ng
 RT: 7.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion:122 Resp: 255557
 Ion Ratio Lower Upper
 122 100
 107 112.0 91.2 136.8
 121 56.8 47.2 70.8

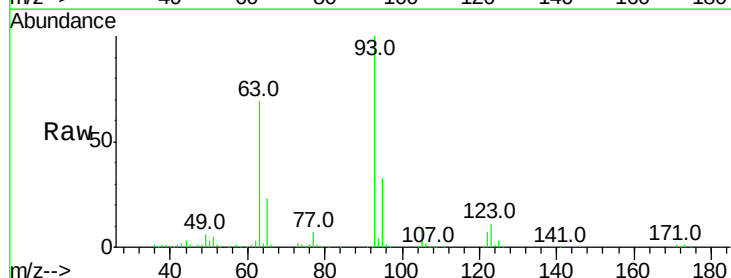


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

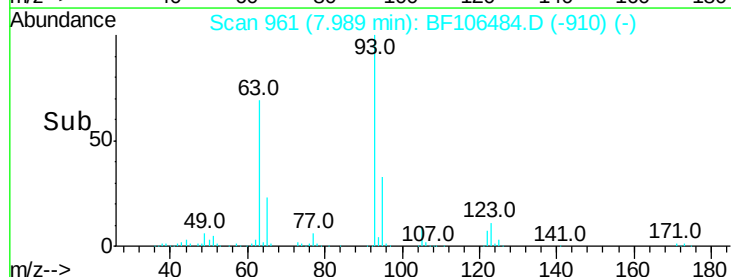
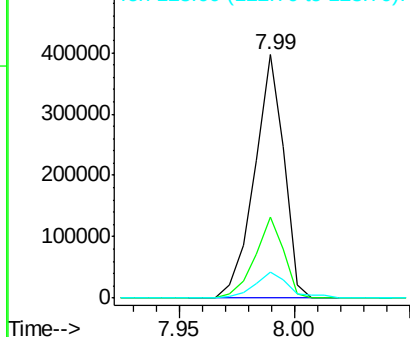


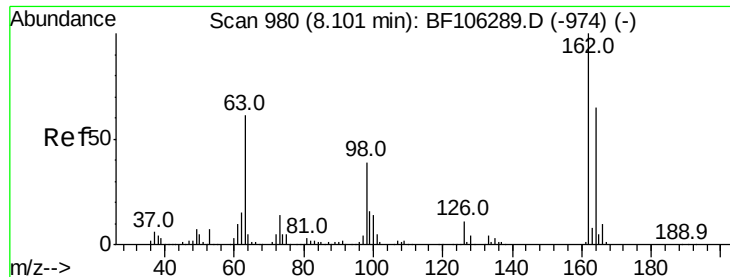
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.837 ng
 RT: 7.99 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Tgt Ion: 93 Resp: 353609
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 10.7 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: 44.881 ng

RT: 8.11 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

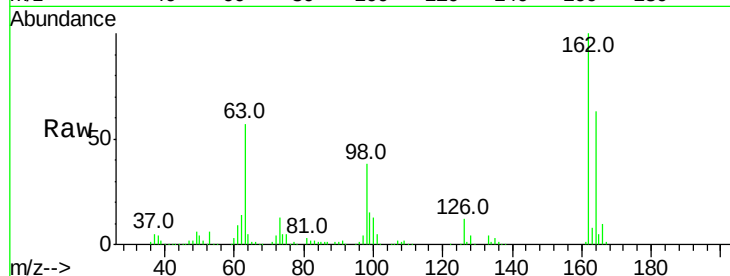
Tot Ion:162 Resp: 238934

Ion Ratio Lower Upper

162 100

164 62.9 42.7 82.7

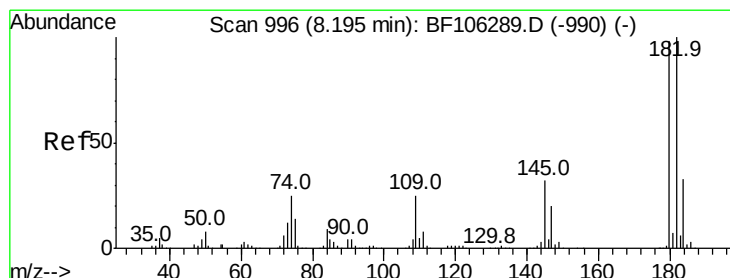
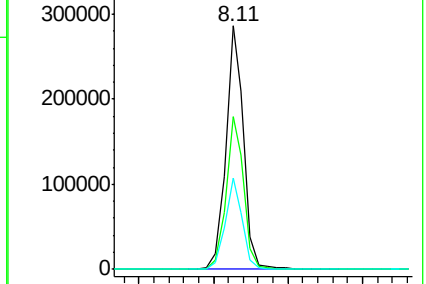
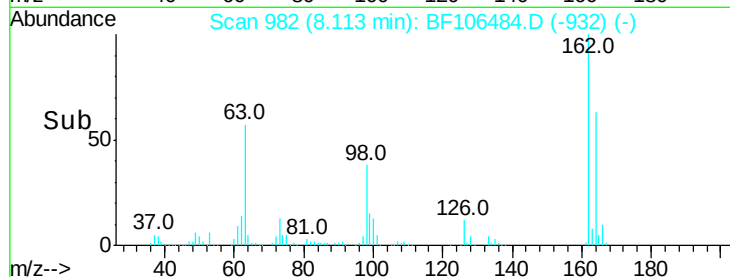
98 37.6 18.1 58.1



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: 42.295 ng

RT: 8.19 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

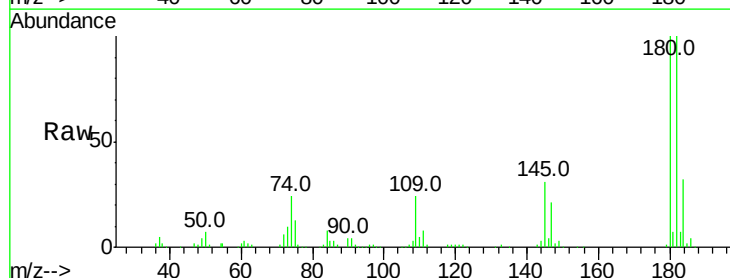
Tgt Ion:180 Resp: 252467

Ion Ratio Lower Upper

180 100

182 100.3 76.8 115.2

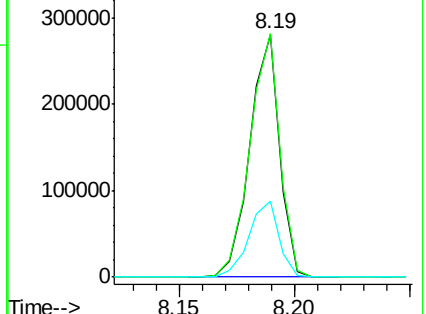
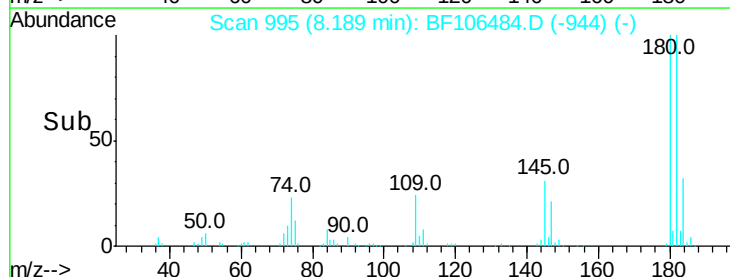
145 31.2 26.5 39.7

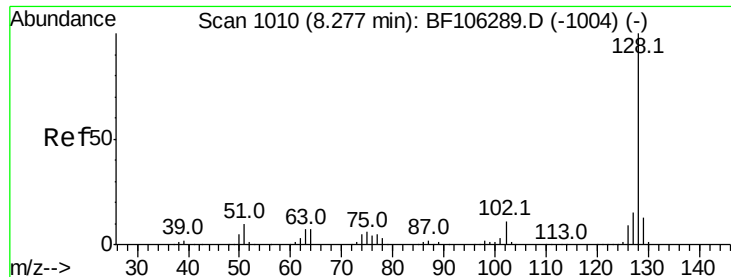


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.631 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

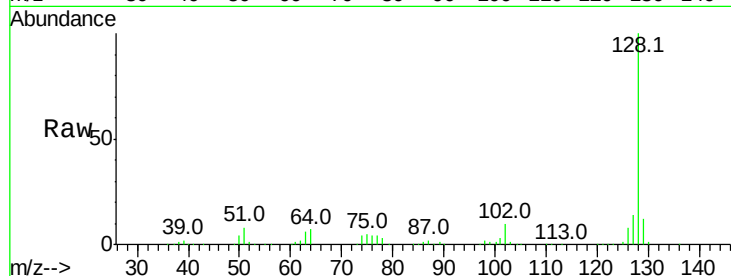
Tot Ion:128 Resp: 774330

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

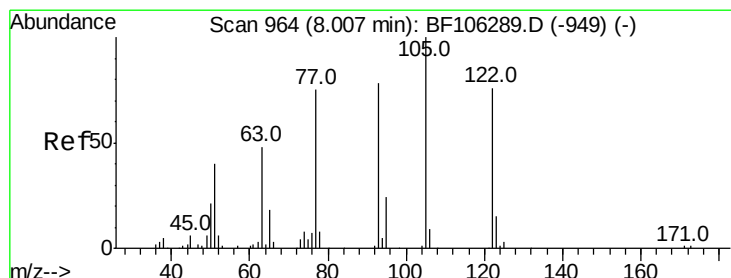
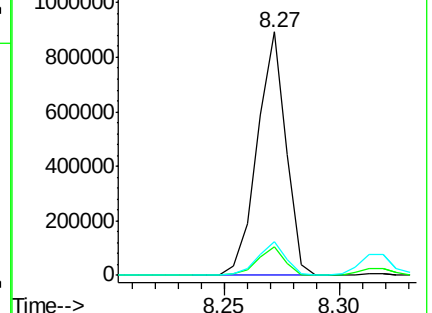
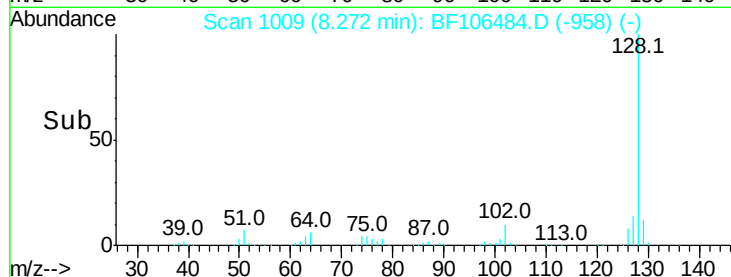
127 13.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.115 ng

RT: 8.01 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

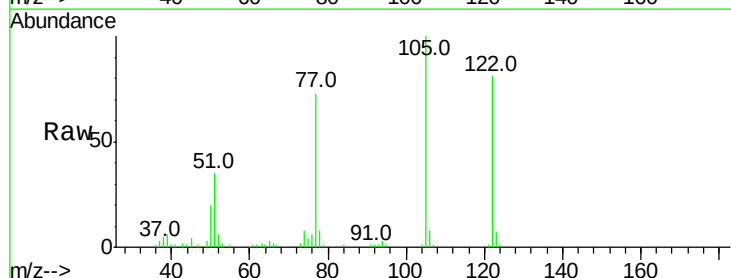
Tgt Ion:122 Resp: 133530

Ion Ratio Lower Upper

122 100

105 123.2 101.1 141.1

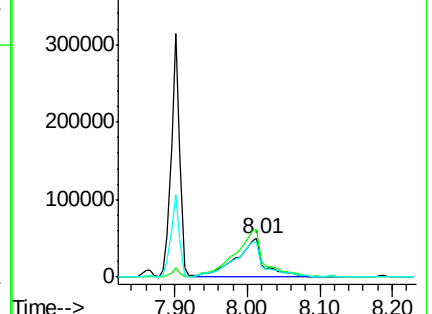
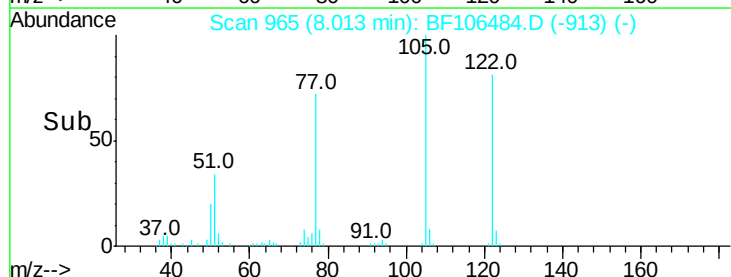
77 90.5 70.7 110.7

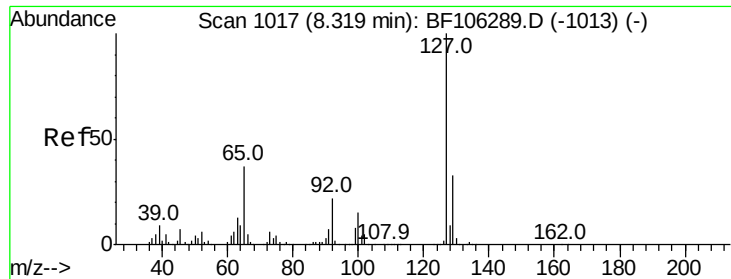


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

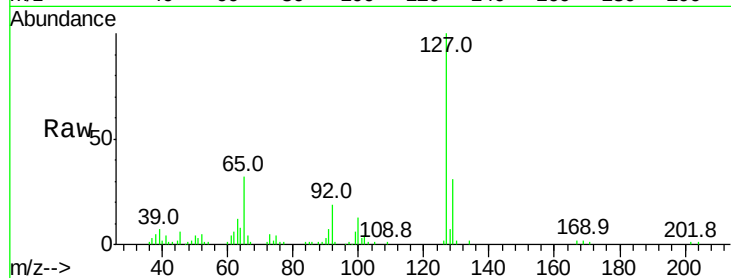




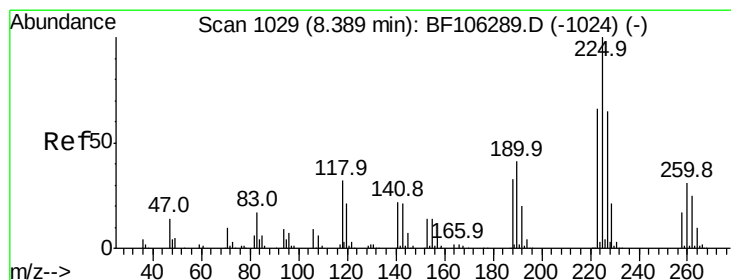
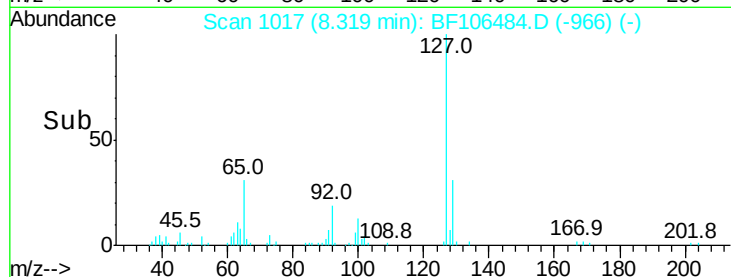
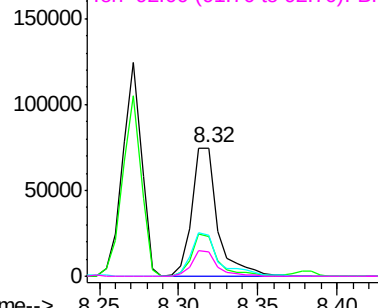
#33
4-Chloroaniline
Concen: 10.797 ng
RT: 8.32 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion:	127	Resp:	84917
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.9	38.9
65	31.5	25.0	37.4
92	19.3	15.2	22.8

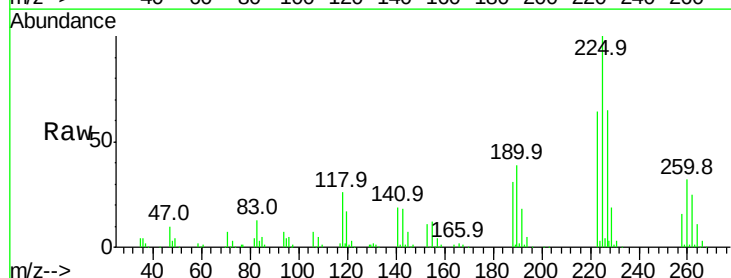


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

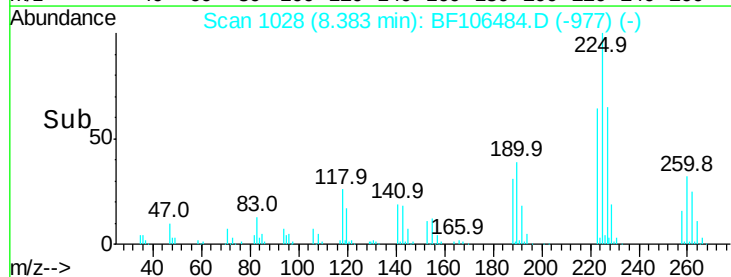
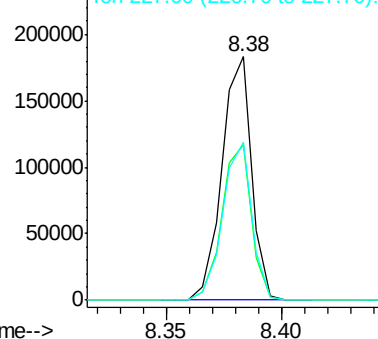


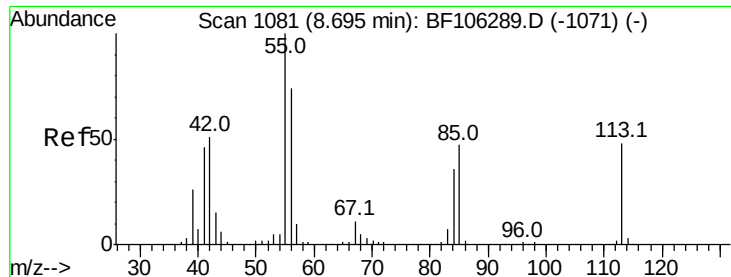
#34
Hexachlorobutadiene
Concen: 42.822 ng
RT: 8.38 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Tgt Ion:	225	Resp:	164219
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.8	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

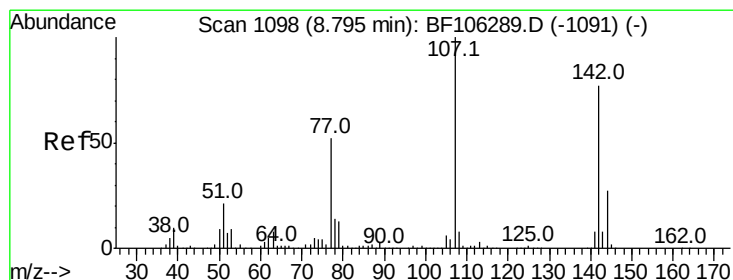
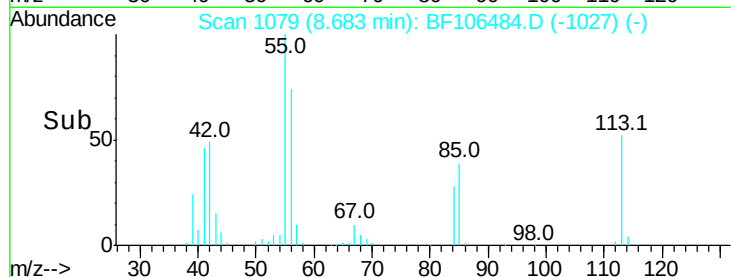
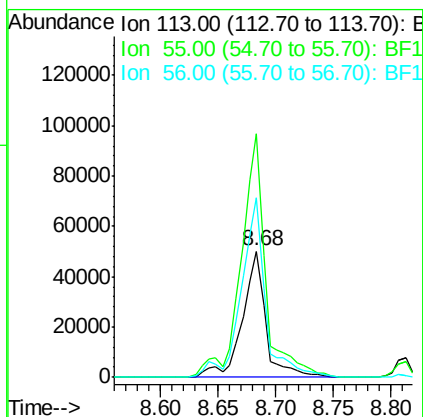
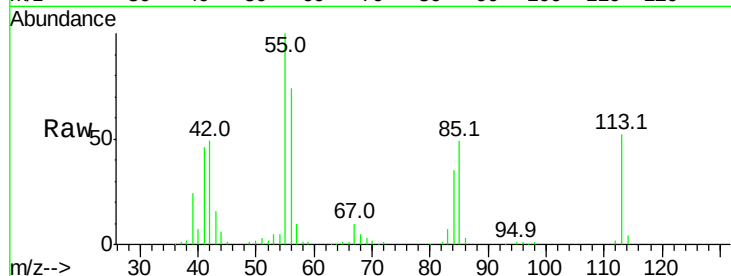




#35
 Caprolactam
 Concen: 39.065 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

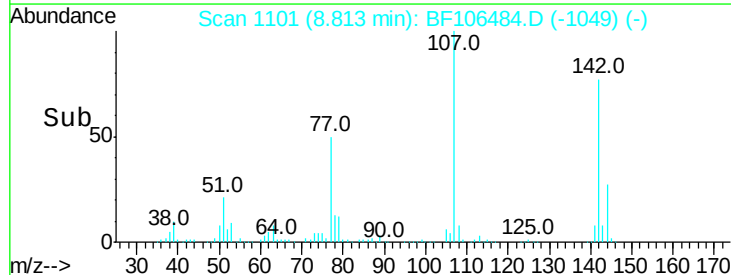
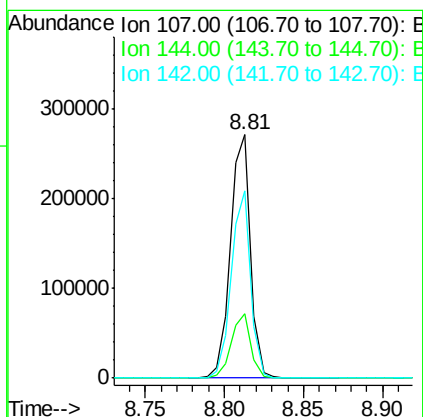
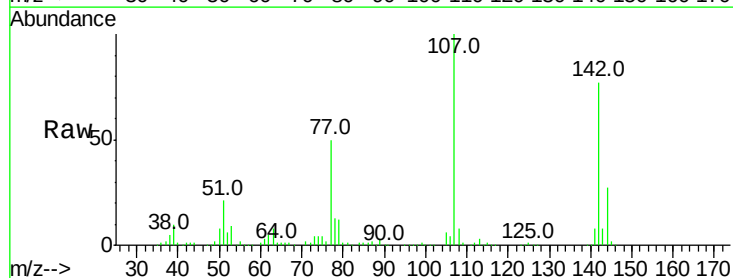
Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

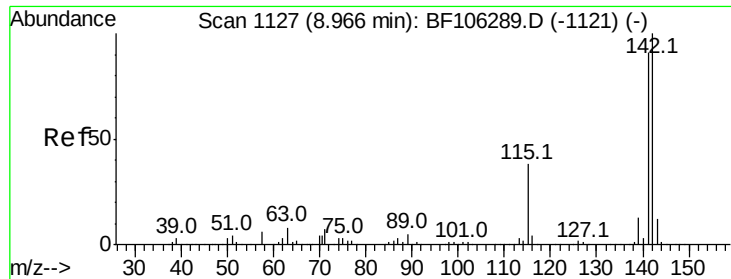
Tot Ion:113 Resp: 70345
 Ion Ratio Lower Upper
 113 100
 55 193.1 163.3 203.3
 56 142.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.342 ng
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Tgt Ion:107 Resp: 237569
 Ion Ratio Lower Upper
 107 100
 144 26.6 20.5 30.7
 142 76.9 62.0 93.0

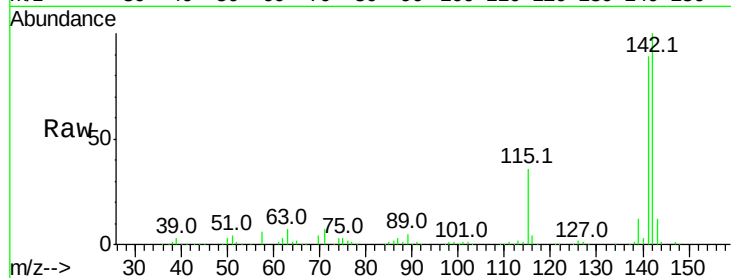




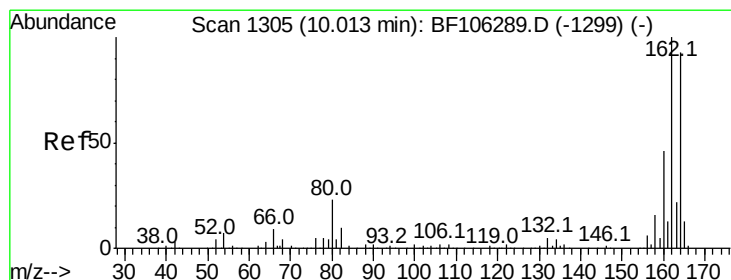
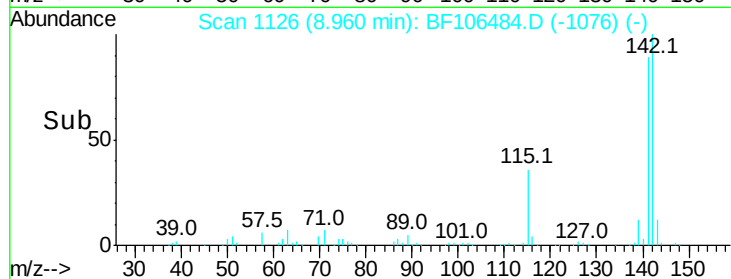
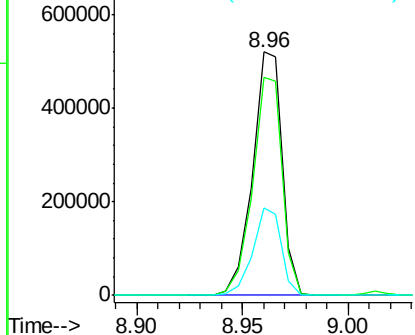
#37
 2-Methylnaphthalene
 Concen: 41.913 ng
 RT: 8.96 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	35.7	26.1	39.1

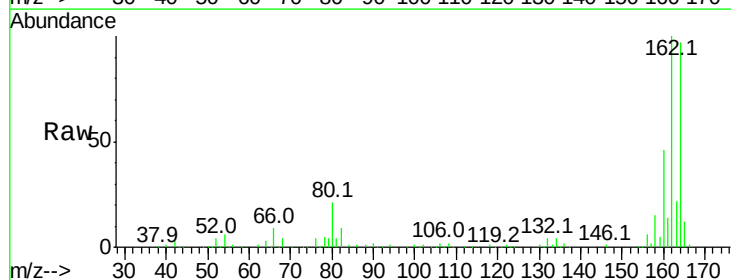


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

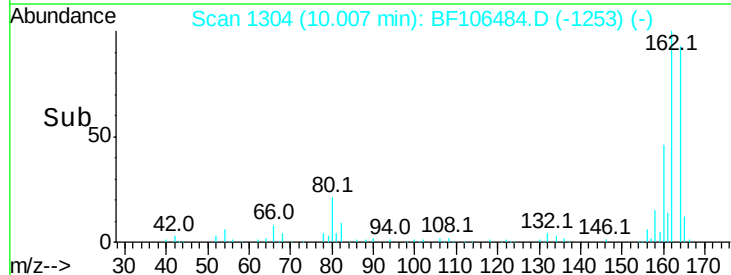
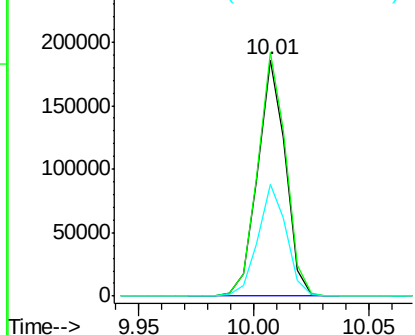


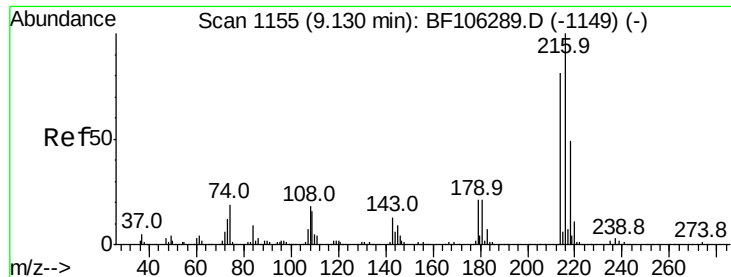
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	86.1	129.1
160	47.1	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

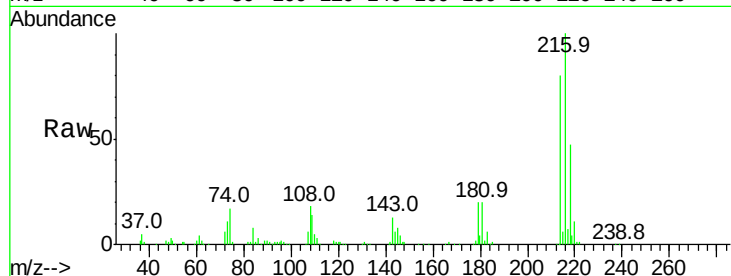




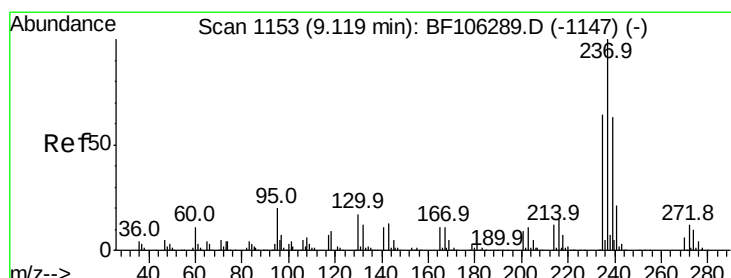
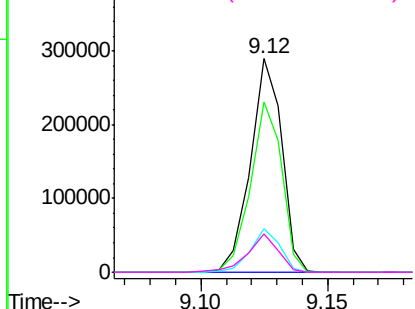
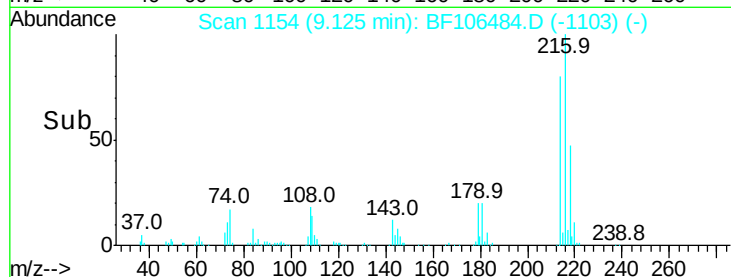
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.416 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion:	216	Resp:	250722
Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	19.3	18.1	27.1
108	17.2	17.2	25.8#

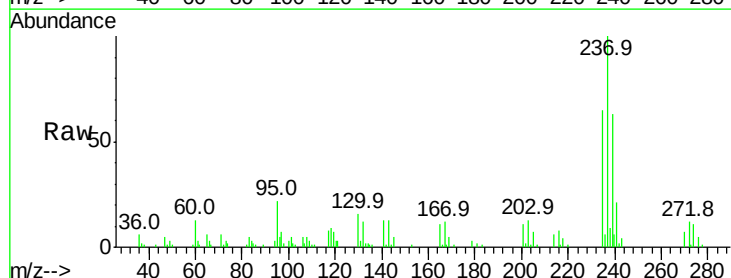


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

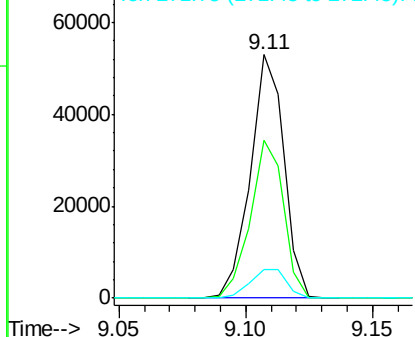
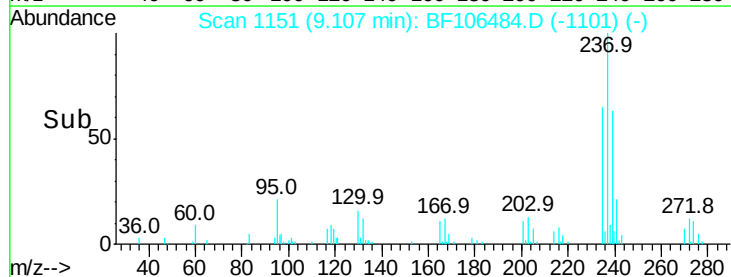


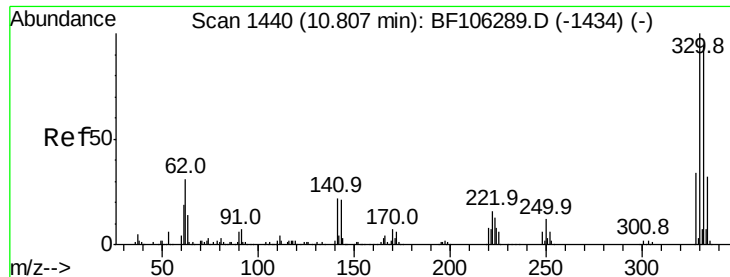
#40
 Hexachlorocyclopentadiene
 Concen: 17.488 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Tgt Ion:	237	Resp:	48955
Ion	Ratio	Lower	Upper
237	100		
235	65.0	44.8	84.8
272	11.7	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

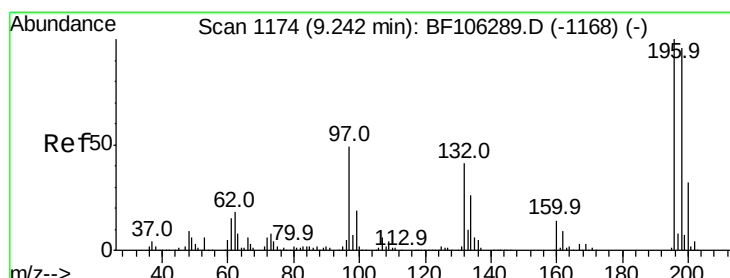
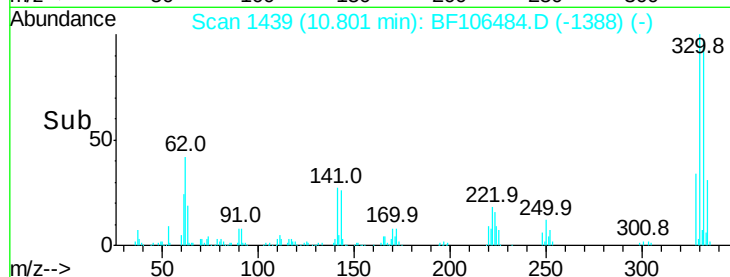
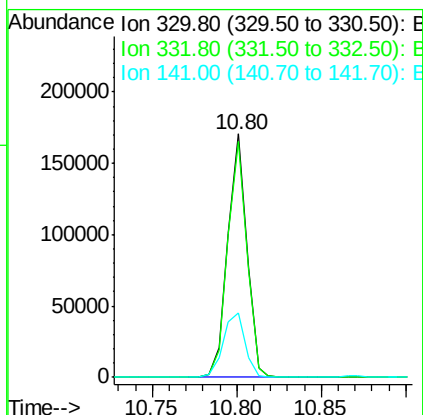
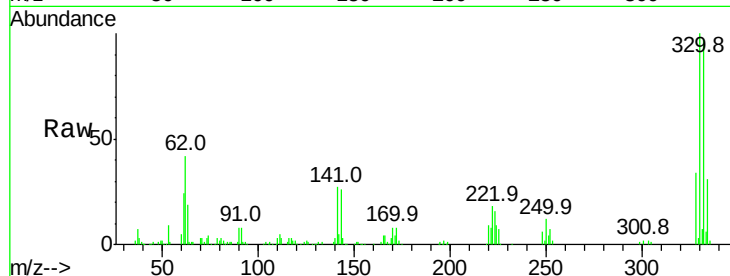




#41
 2,4,6-Tribromophenol
 Concen: 89.207 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

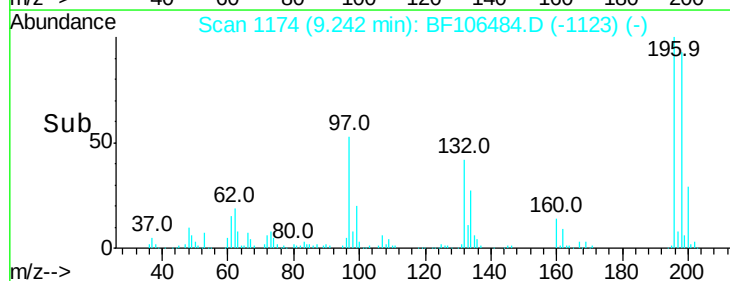
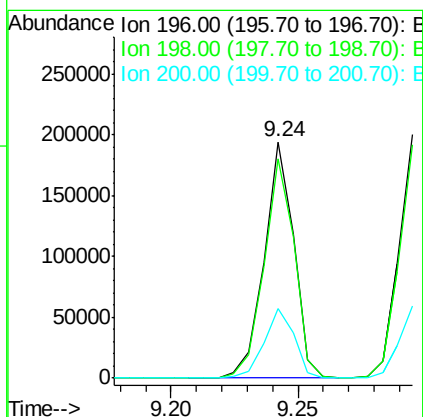
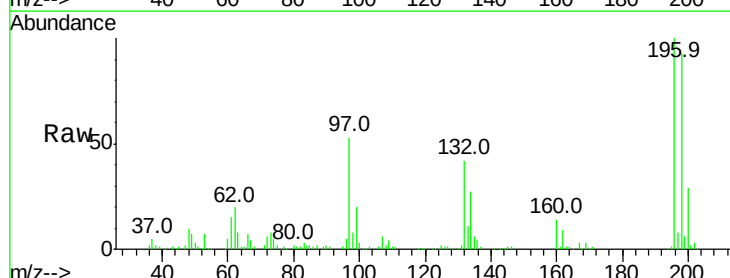
Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

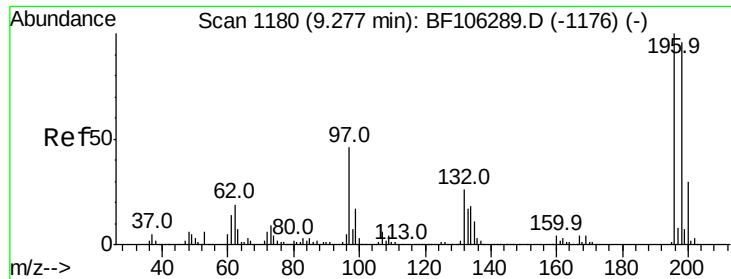
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	30.2	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 49.147 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.0	75.7	113.5
200	29.4	24.5	36.7

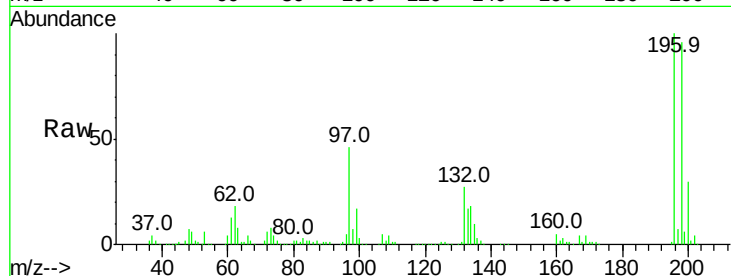




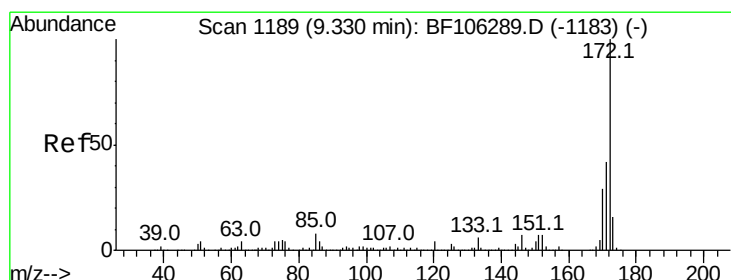
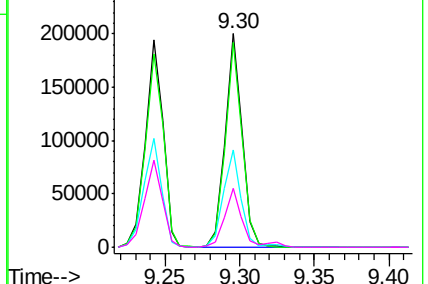
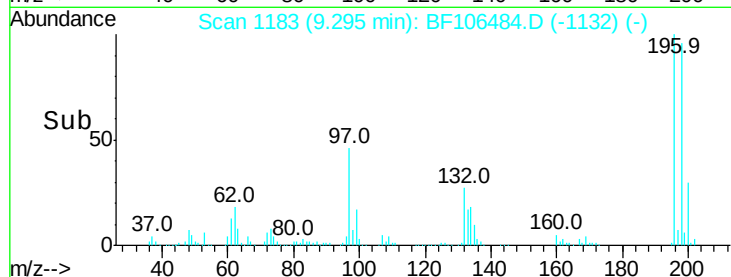
#43
 2,4,5-Trichlorophenol
 Concen: 46.772 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion:196 Resp: 163031
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.6 112.0
 97 45.8 42.9 64.3
 132 27.3 26.3 39.5

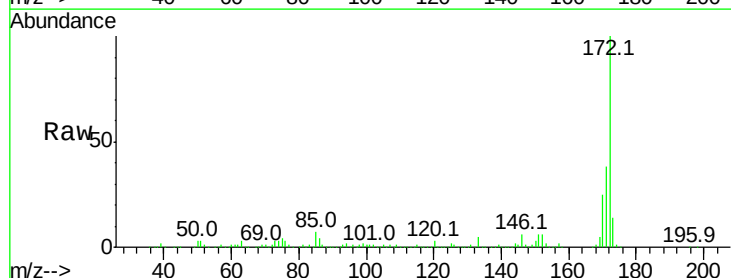


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

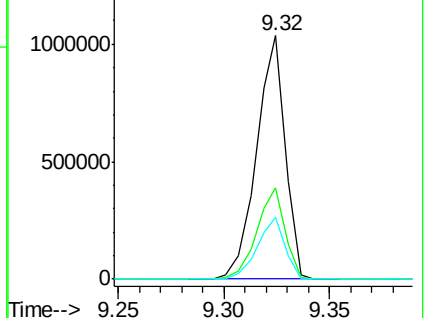
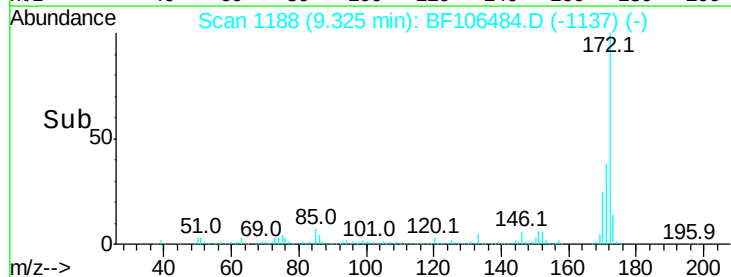


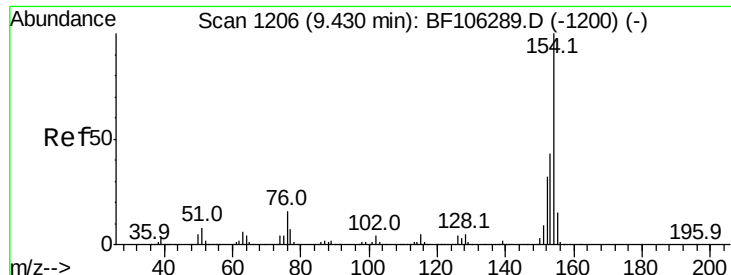
#44
 2-Fluorobiphenyl
 Concen: 129.732 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Tgt Ion:172 Resp: 973631
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.7 44.5
 170 25.5 19.6 29.4



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

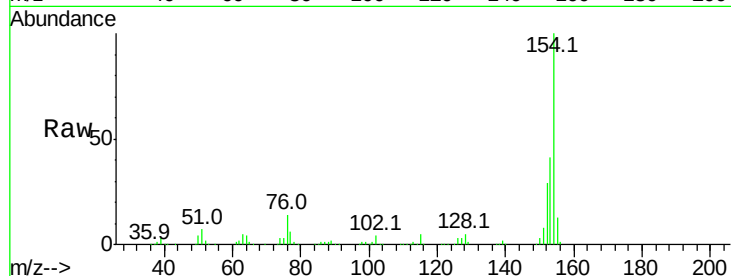




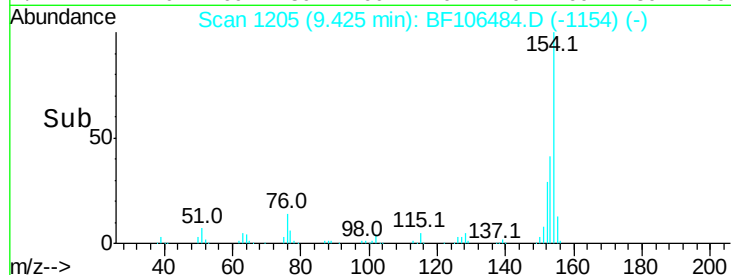
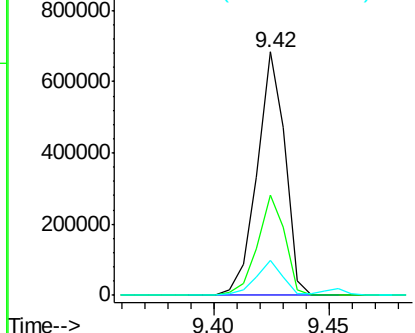
#45
 1,1'-Biphenyl
 Concen: 47.655 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	14.4	0.0	34.0

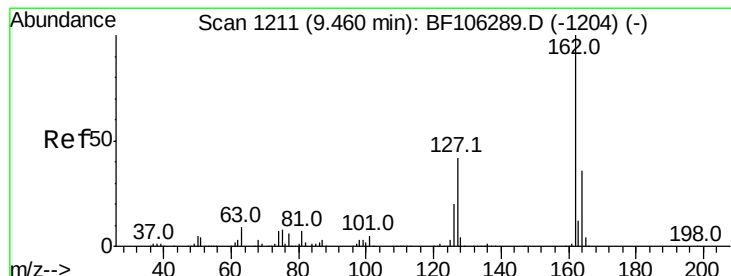


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

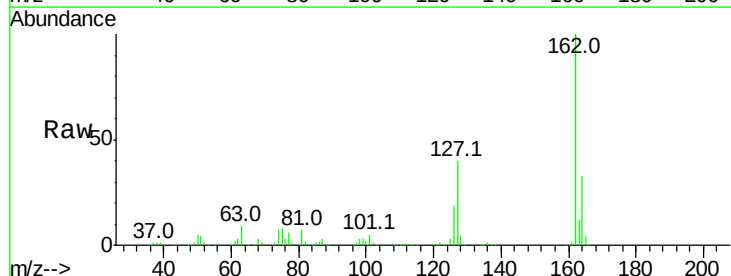
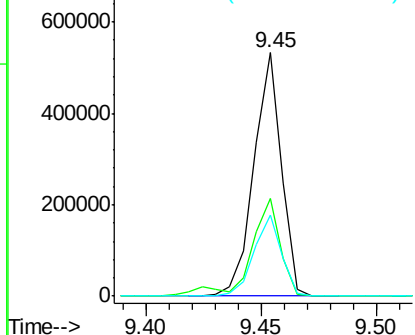


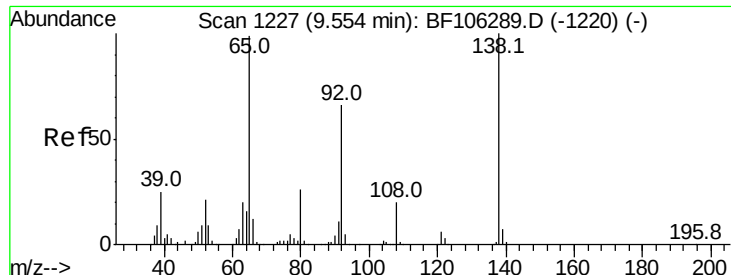
#46
 2-Chloronaphthalene
 Concen: 45.857 ng
 RT: 9.45 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.9	50.9
164	33.4	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

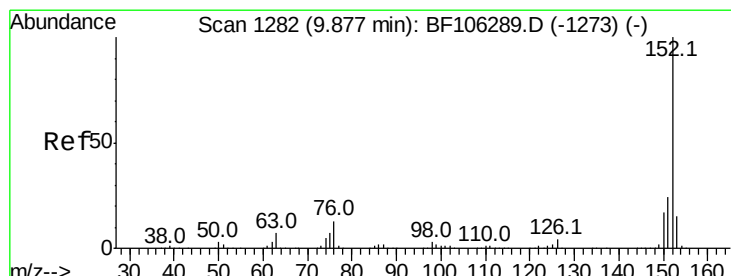
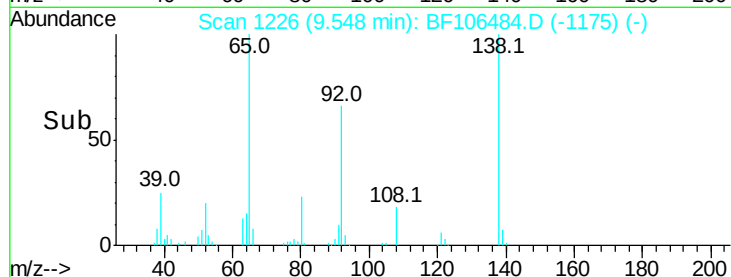
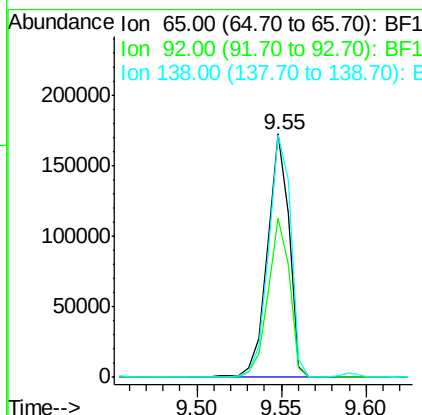
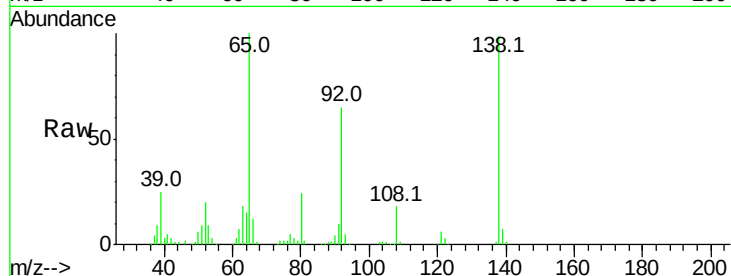




#47
2-Nitroaniline
Concen: 49.749 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

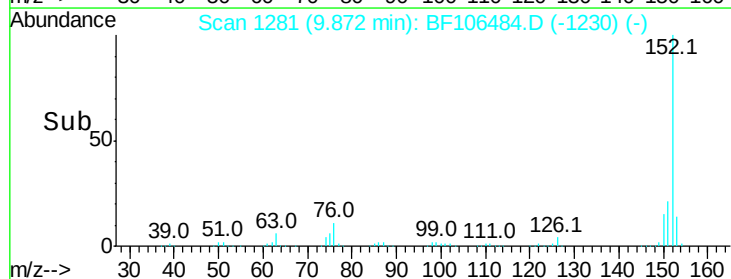
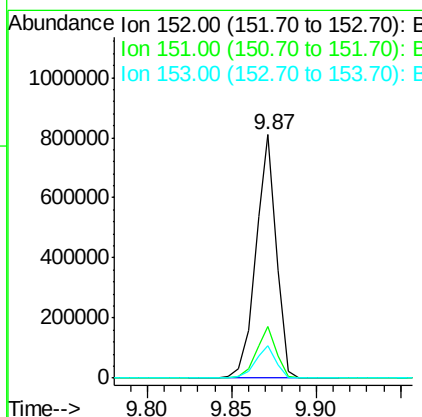
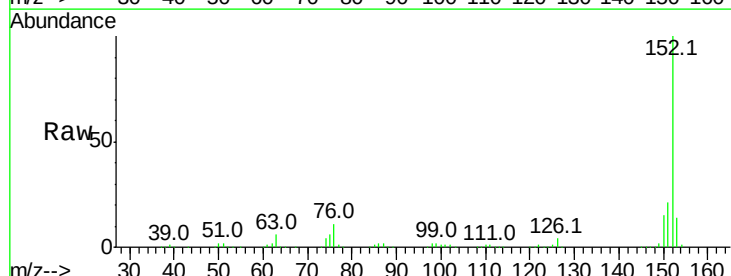
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

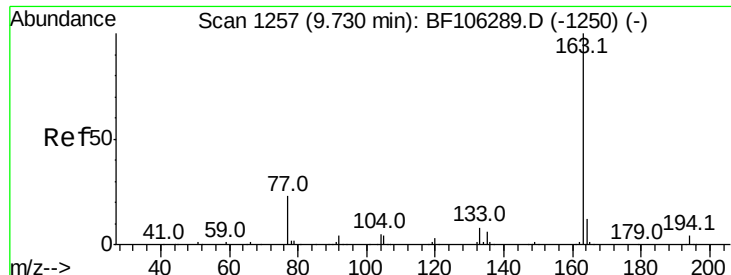
Tot Ion: 65 Resp: 151613
Ion Ratio Lower Upper
65 100
92 65.2 55.8 83.6
138 99.4 91.2 136.8



#48
Acenaphthylene
Concen: 45.876 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Tgt Ion: 152 Resp: 680262
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 13.6 10.7 16.1

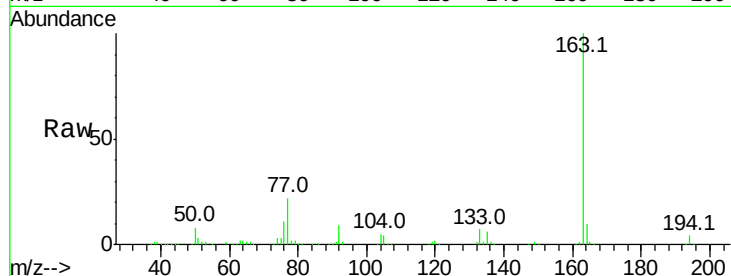




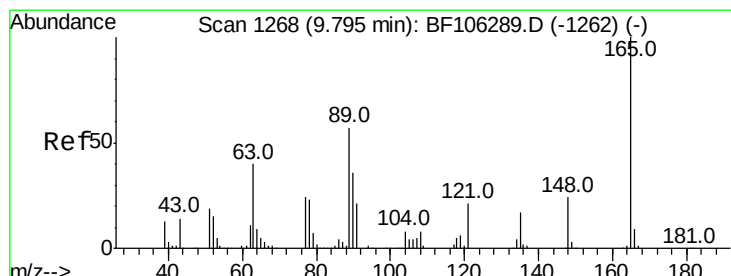
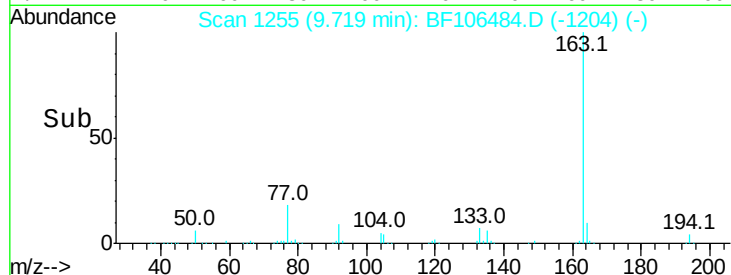
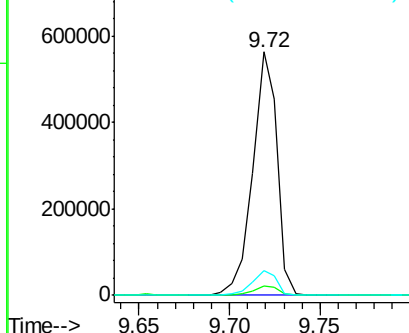
#49
Dimethylphthalate
Concen: 46.848 ng
RT: 9.72 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion:163 Resp: 523113
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.3 8.2 12.2

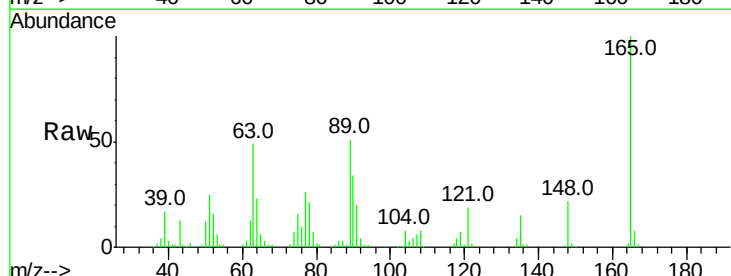


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

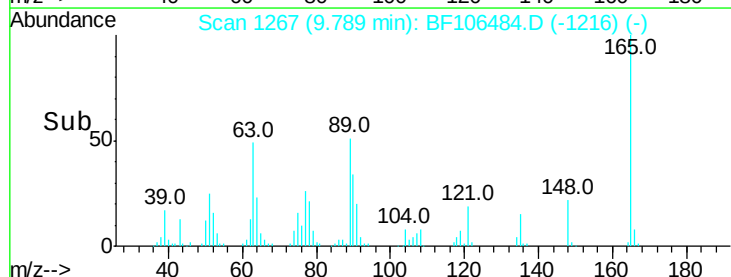
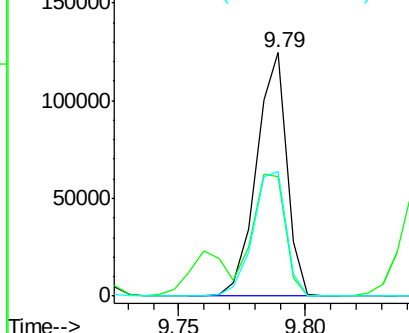


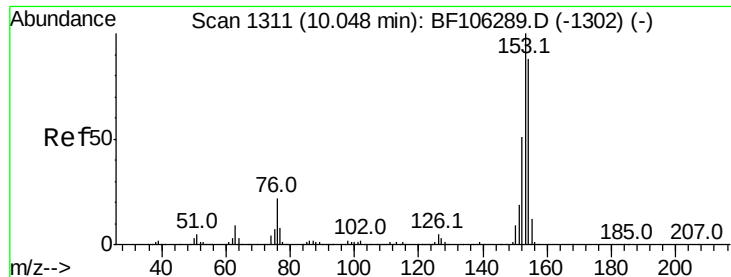
#50
2,6-Dinitrotoluene
Concen: 45.784 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Tgt Ion:165 Resp: 104427
Ion Ratio Lower Upper
165 100
63 48.9 44.7 67.1
89 51.1 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

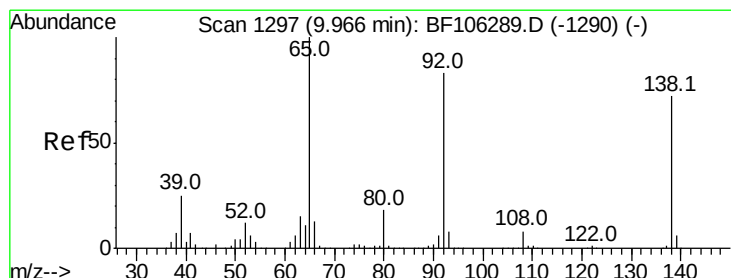
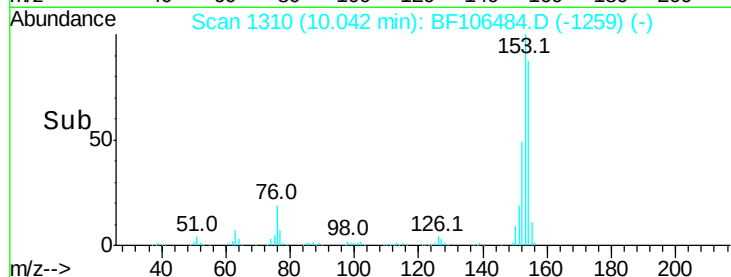
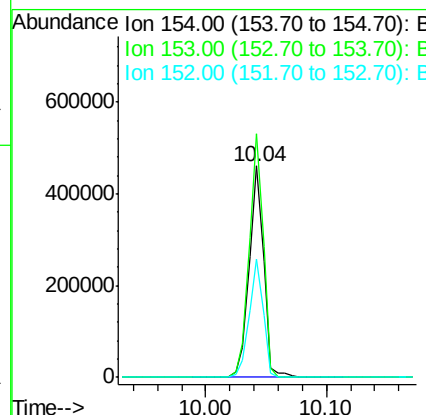
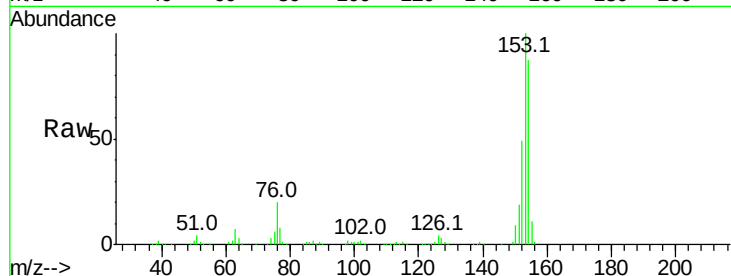




#51
Acenaphthene
Concen: 40.535 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

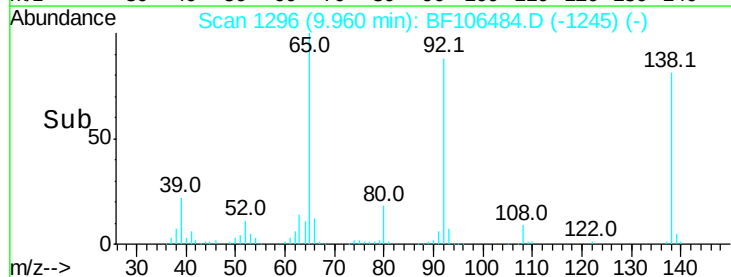
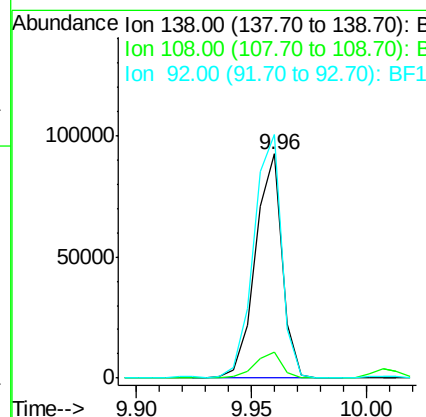
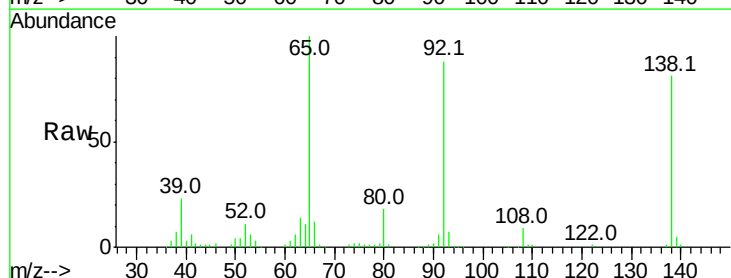
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

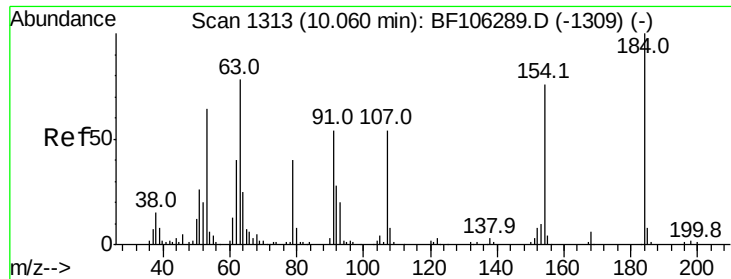
Tot Ion:154 Resp: 388169
Ion Ratio Lower Upper
154 100
153 115.3 91.2 136.8
152 56.1 43.8 65.8



#52
3-Nitroaniline
Concen: 27.820 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Tgt Ion:138 Resp: 75313
Ion Ratio Lower Upper
138 100
108 11.4 9.4 14.0
92 108.8 89.4 134.2

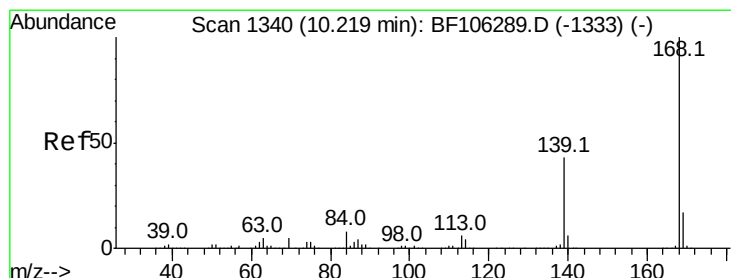
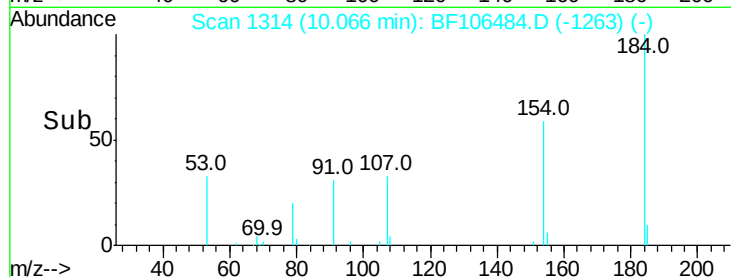
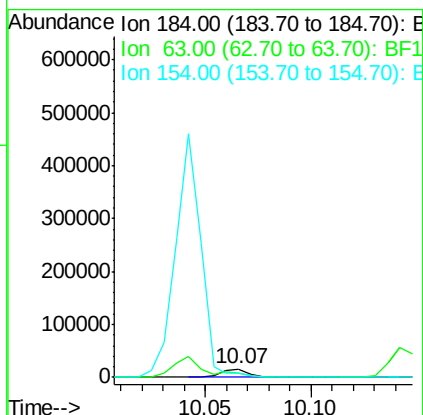
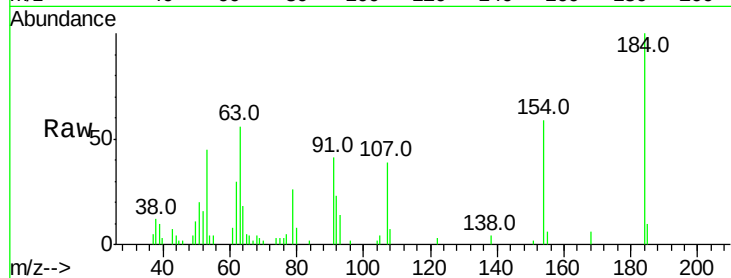




#53
2,4-Dinitrophenol
Concen: 21.095 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

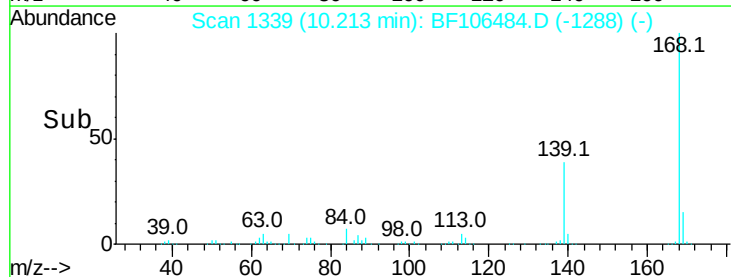
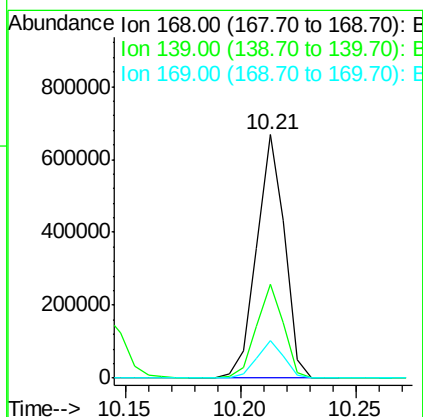
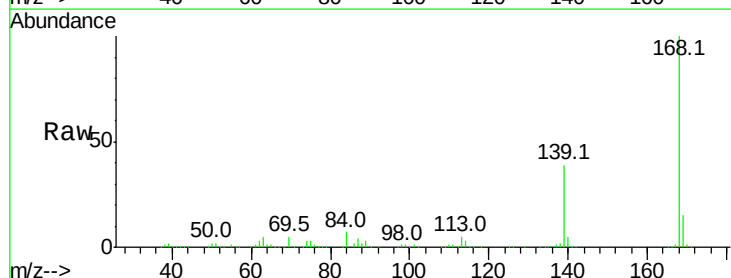
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

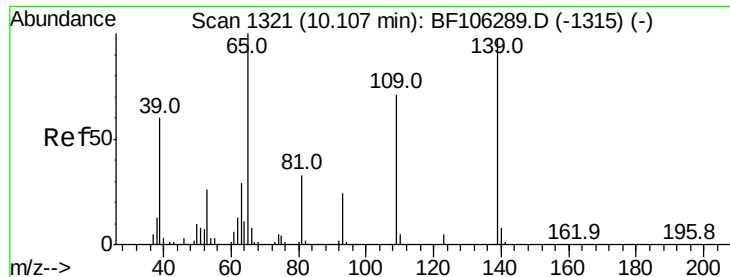
Tot Ion:184 Resp: 14648
Ion Ratio Lower Upper
184 100
63 55.6 54.2 81.2
154 58.6 184.0 276.0#



#54
Dibenzofuran
Concen: 43.727 ng
RT: 10.21 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Tgt Ion:168 Resp: 563861
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 15.5 10.9 16.3

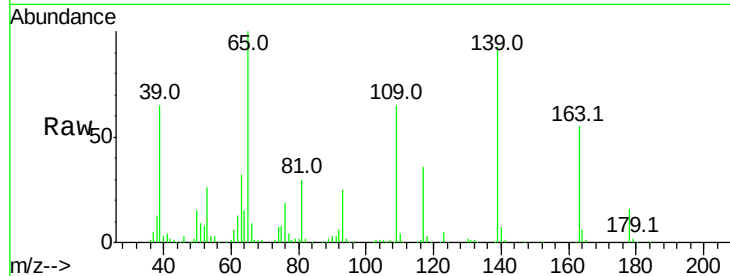




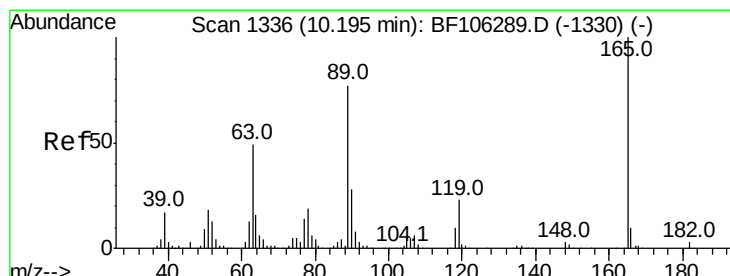
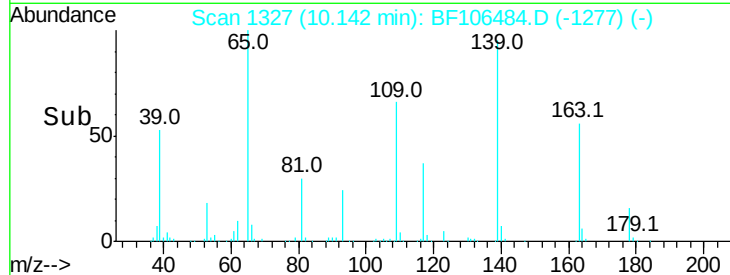
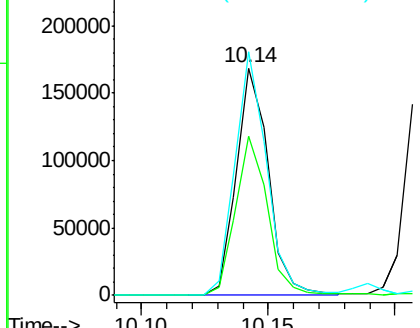
#55
4-Nitrophenol
Concen: 71.482 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Instrument :
BNA_F
ClientSampleId :
PB110266BSD

Tot Ion:139 Resp: 148327
Ion Ratio Lower Upper
139 100
109 70.2 48.4 88.4
65 107.3 72.6 112.6

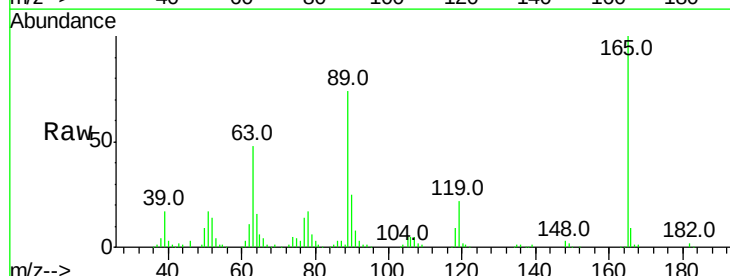


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

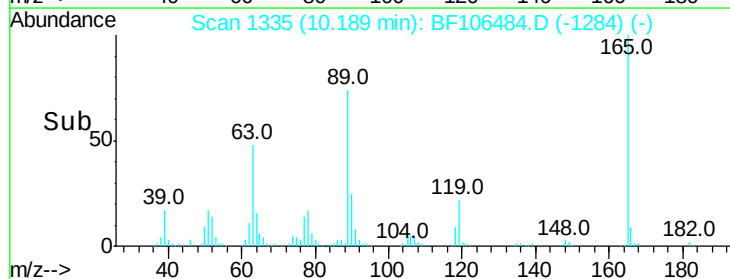
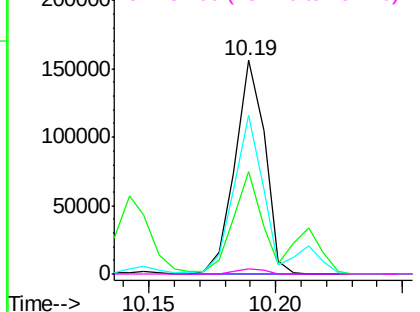


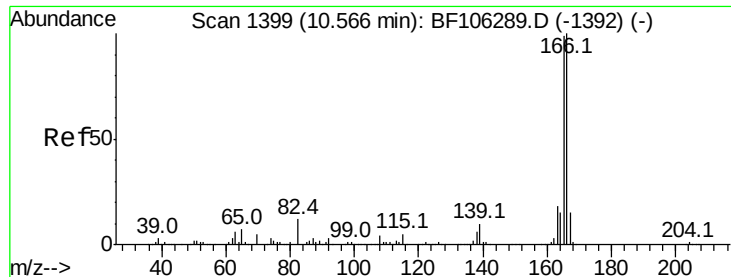
#56
2,4-Dinitrotoluene
Concen: 44.561 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Tgt Ion:165 Resp: 127634
Ion Ratio Lower Upper
165 100
63 47.7 36.4 54.6
89 74.1 57.8 86.6
182 2.3 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: 41.025 ng

RT: 10.56 min Scan# 1398

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

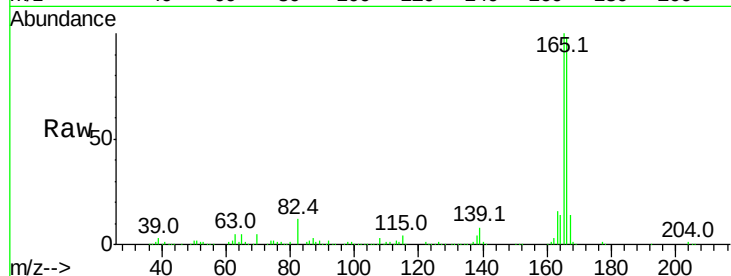
Tot Ion:166 Resp: 419148

Ion Ratio Lower Upper

166 100

165 101.7 79.8 119.8

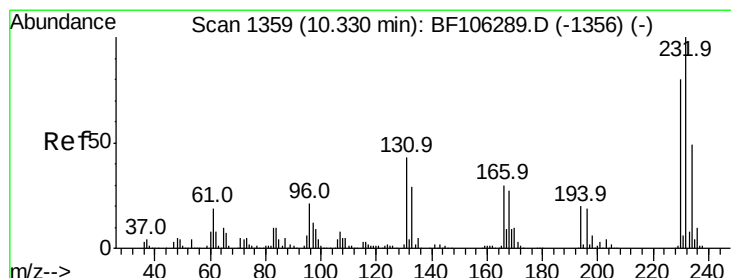
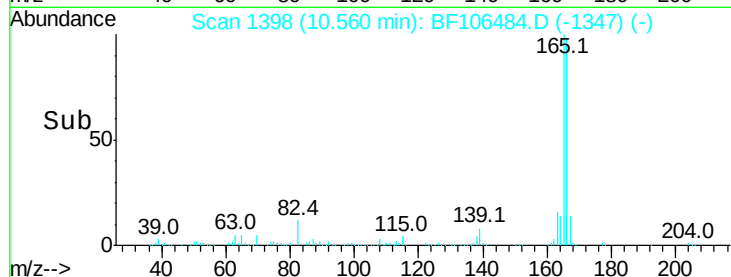
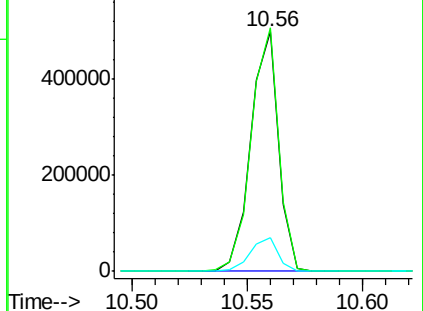
167 13.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.107 ng

RT: 10.33 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Tgt Ion:232 Resp: 121853

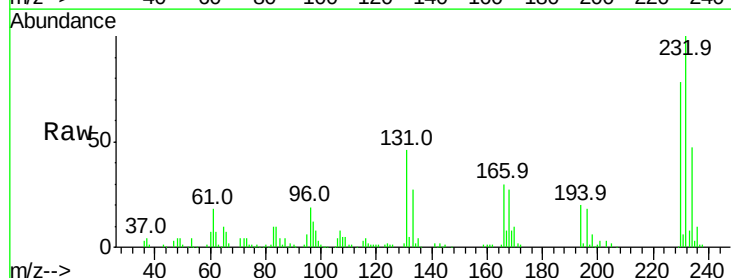
Ion Ratio Lower Upper

232 100

131 41.8 43.8 65.8#

130 2.1 2.1 3.1

166 28.4 27.8 41.6

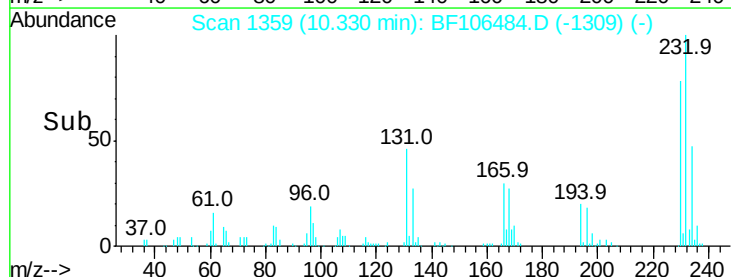
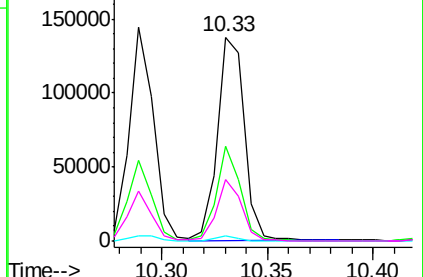


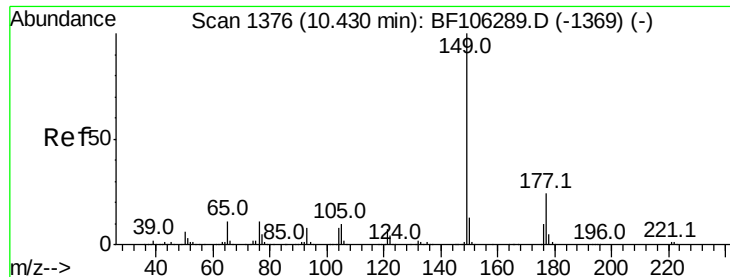
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

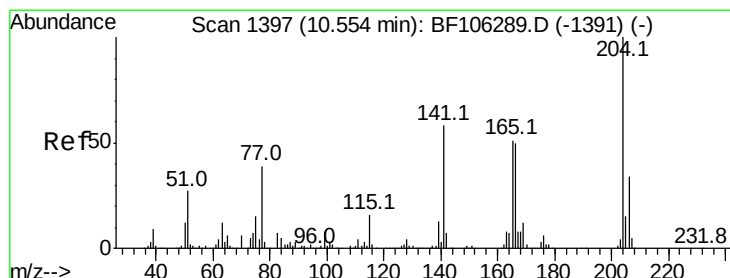
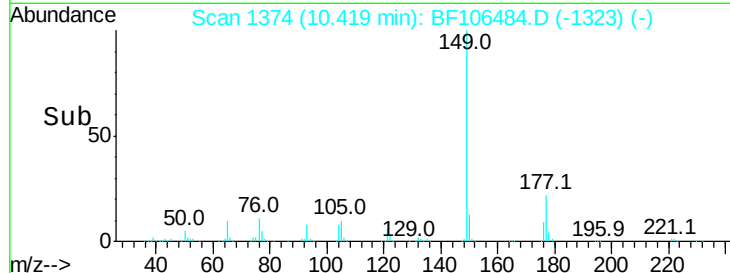
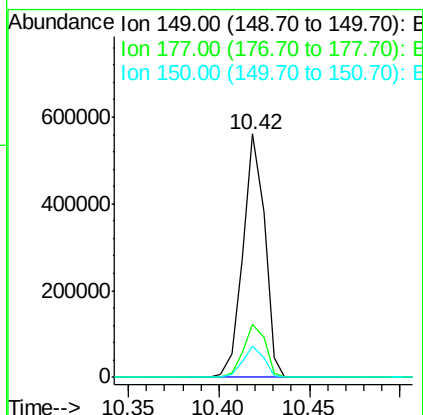
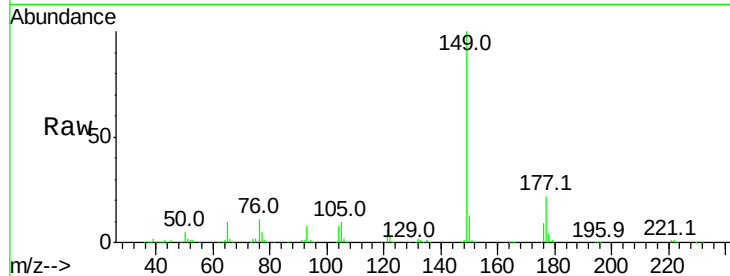




#59
Diethylphthalate
Concen: 42.209 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

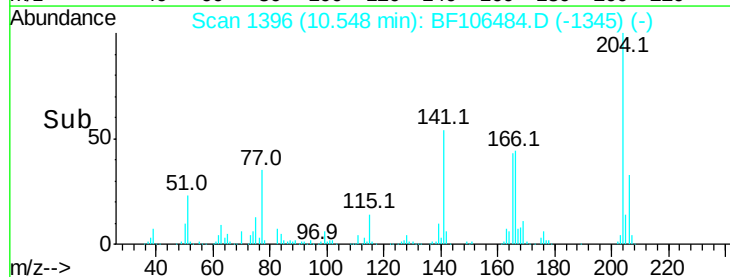
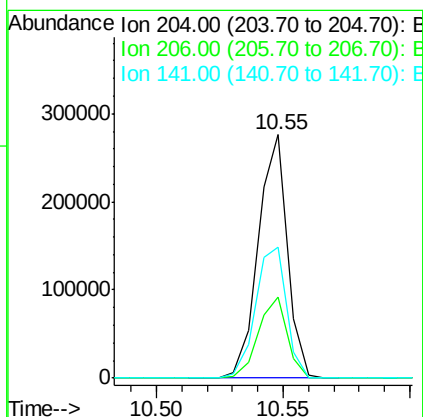
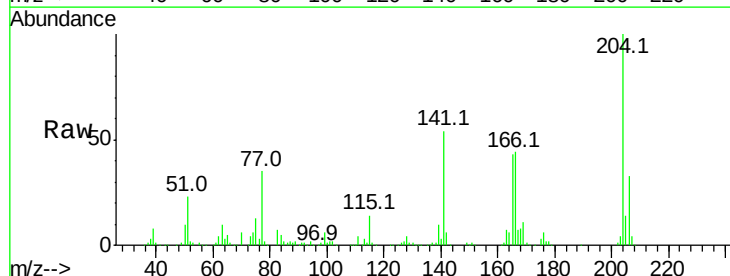
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

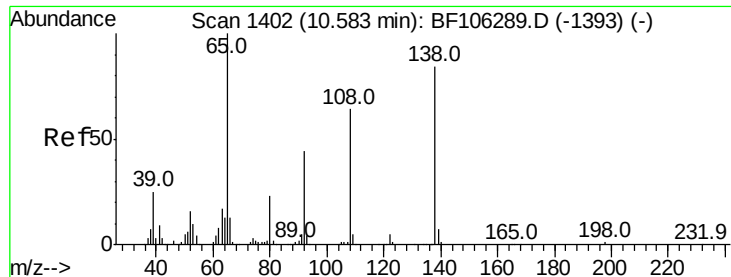
Tot Ion:149 Resp: 467808
Ion Ratio Lower Upper
149 100
177 22.0 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.988 ng
RT: 10.55 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Tgt Ion:204 Resp: 220258
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 53.7 54.6 81.8#

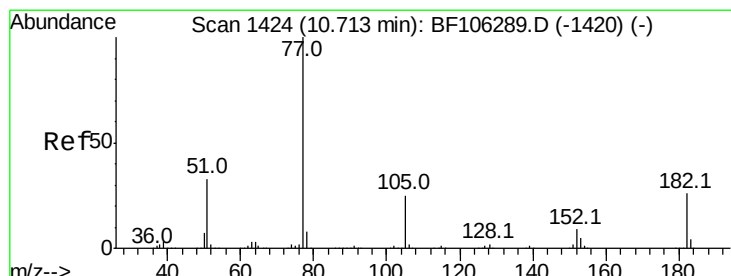
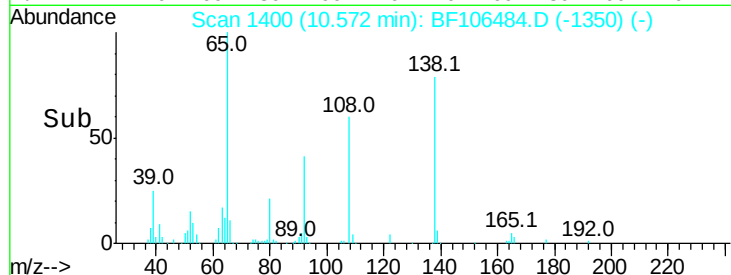
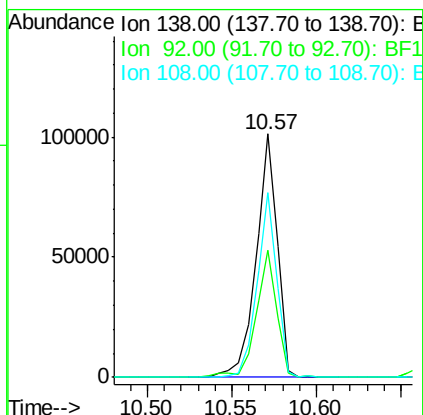
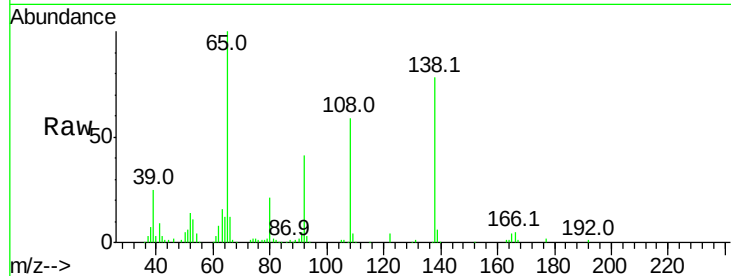




#61
4-Nitroaniline
Concen: 33.848 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

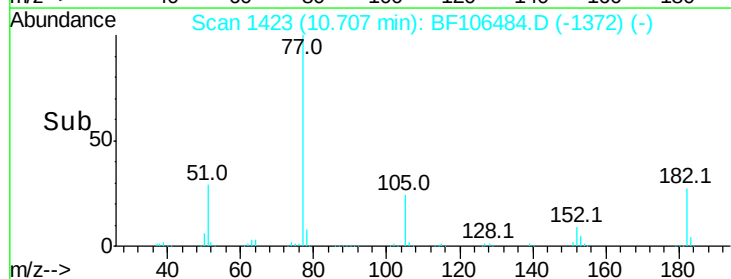
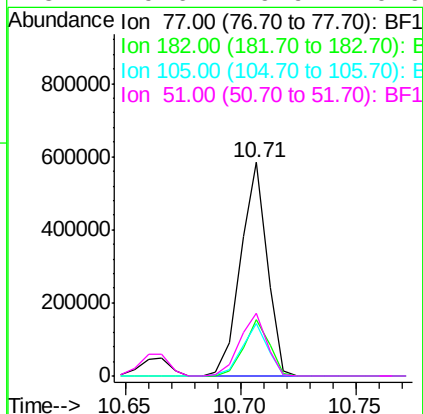
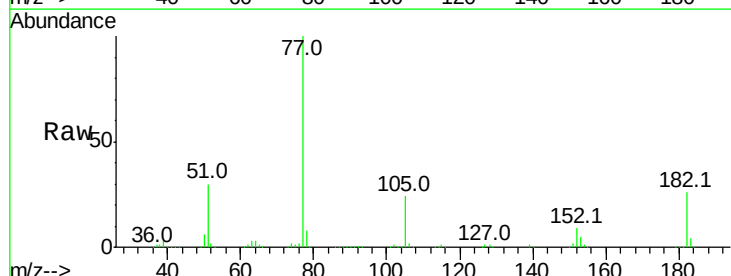
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

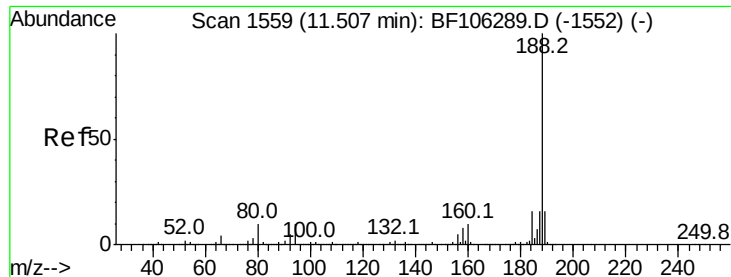
Tot Ion:138 Resp: 89152
Ion Ratio Lower Upper
138 100
92 52.1 30.2 70.2
108 75.8 52.5 92.5



#62
Azobenzene
Concen: 40.537 ng
RT: 10.71 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Tgt Ion: 77 Resp: 468468
Ion Ratio Lower Upper
77 100
182 26.4 1.7 41.7
105 24.4 3.0 43.0
51 29.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

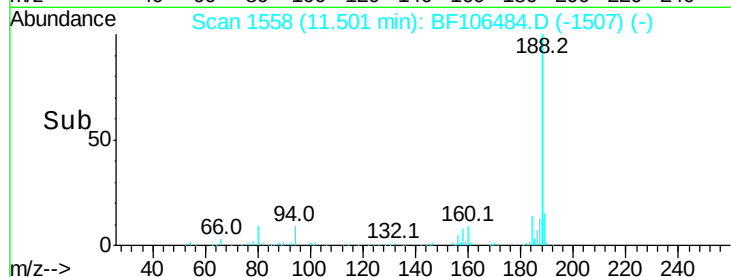
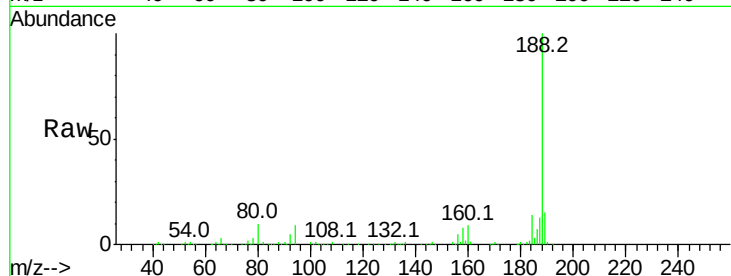
Tot Ion:188 Resp: 272056

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

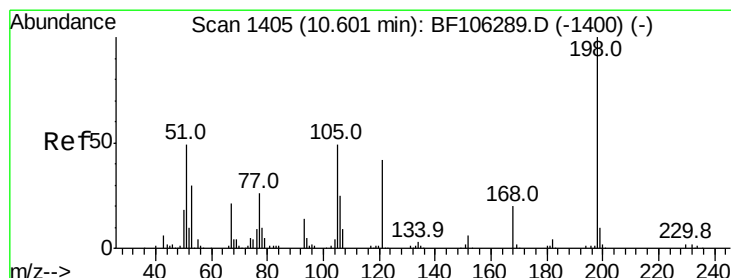
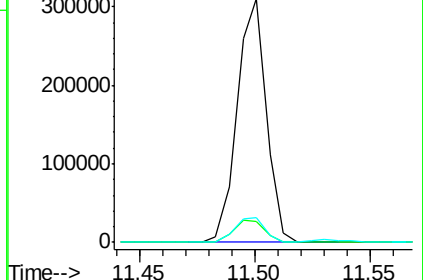
80 9.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 16.089 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

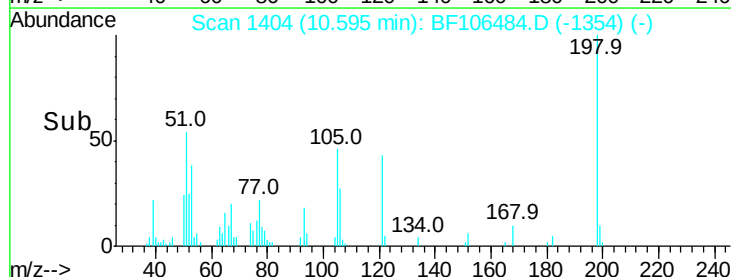
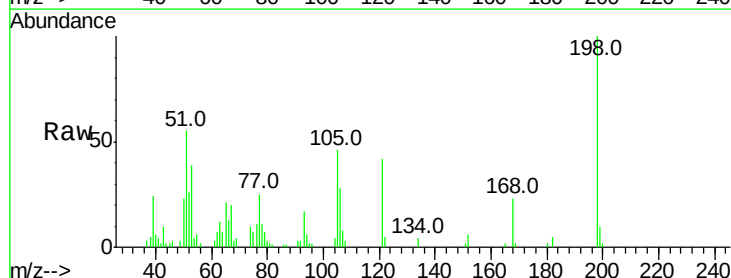
Tgt Ion:198 Resp: 16544

Ion Ratio Lower Upper

198 100

51 54.7 37.7 77.7

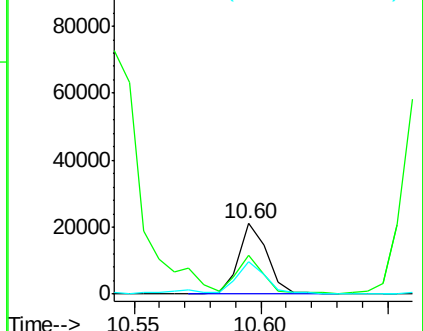
105 45.5 36.3 76.3

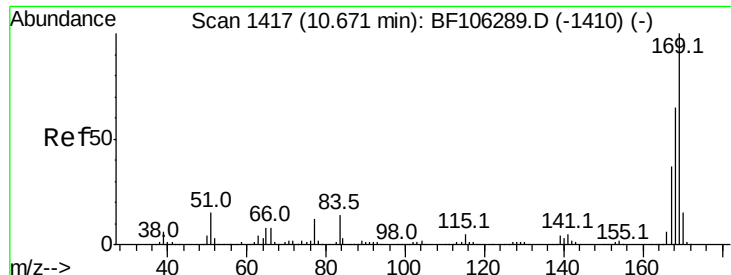


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

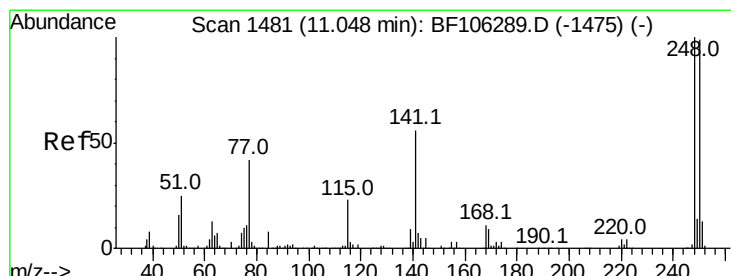
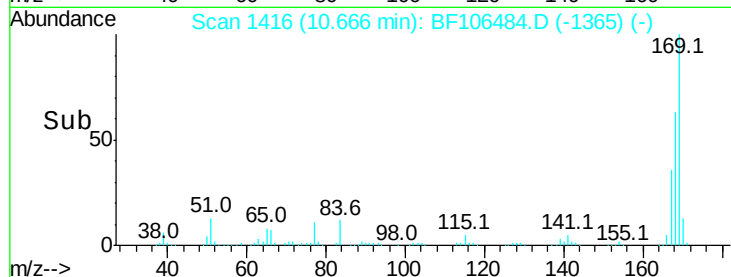
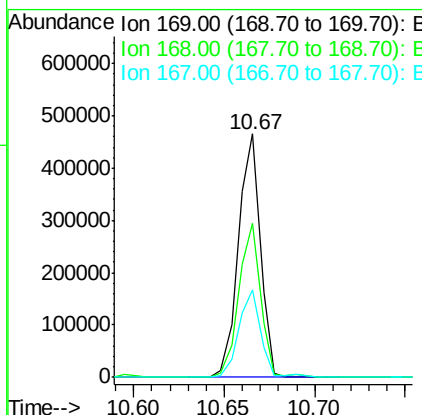
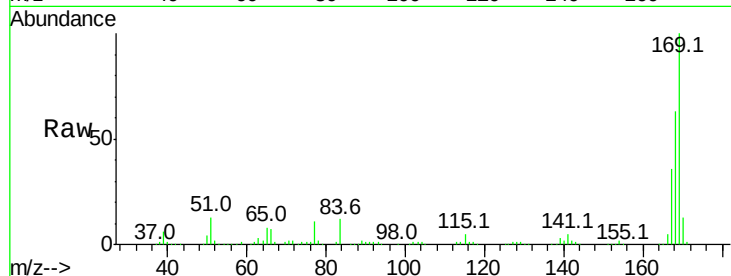




#65
 n-Nitrosodiphenylamine
 Concen: 42.844 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

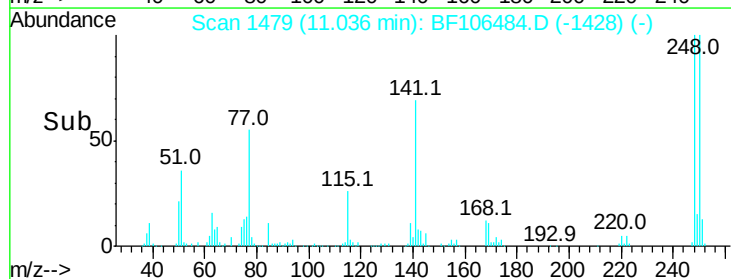
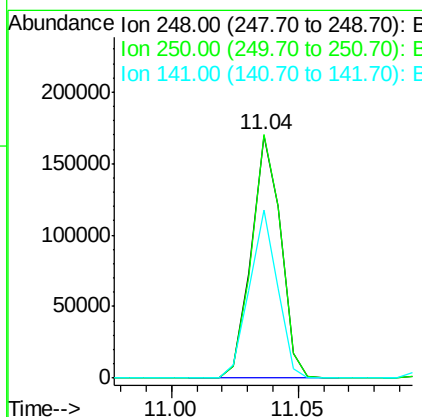
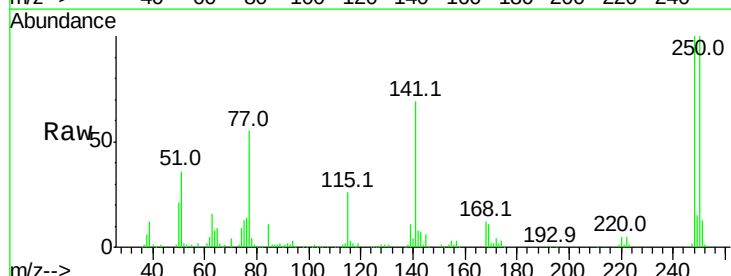
Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

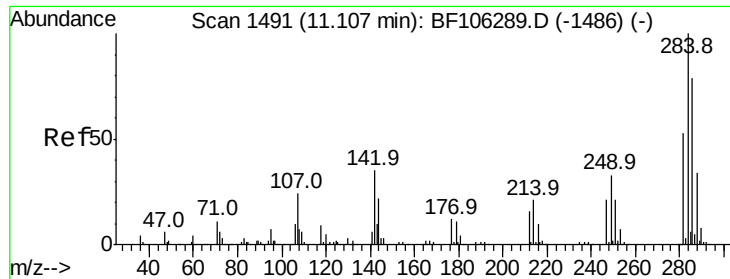
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.2	54.4	81.6
167	36.0	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 44.456 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.3	76.9	115.3
141	69.2	74.4	111.6





#67

Hexachlorobenzene

Concen: 43.972 ng

RT: 11.11 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

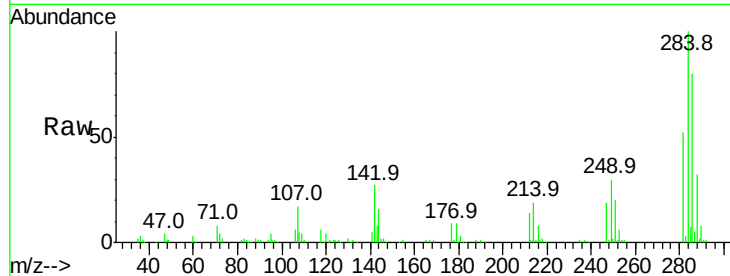
Tot Ion:284 Resp: 140275

Ion Ratio Lower Upper

284 100

142 27.0 34.6 52.0#

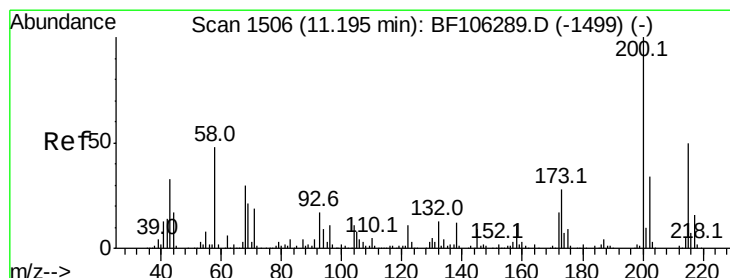
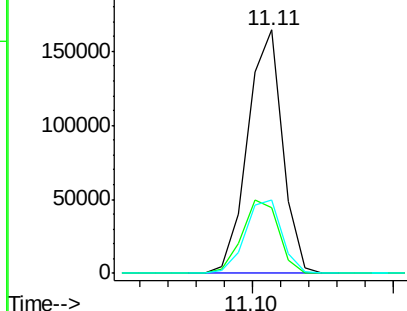
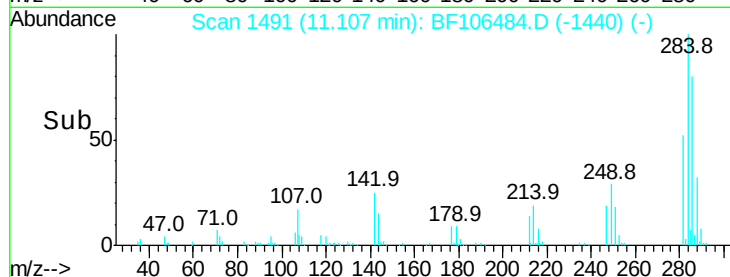
249 30.2 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.296 ng

RT: 11.19 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

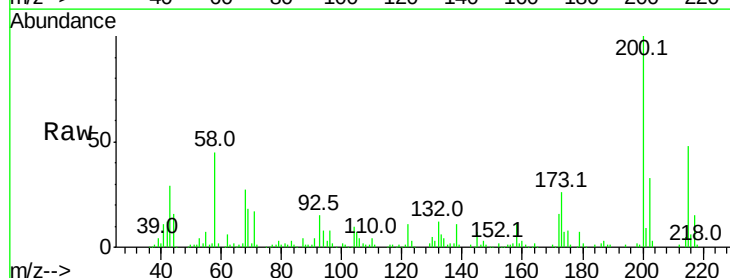
Tgt Ion:200 Resp: 121996

Ion Ratio Lower Upper

200 100

173 26.0 8.6 48.6

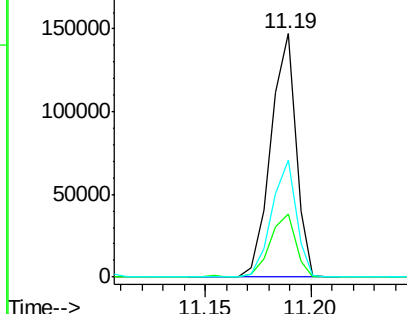
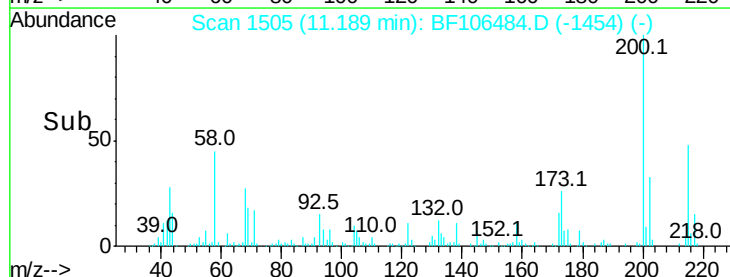
215 48.0 25.1 65.1

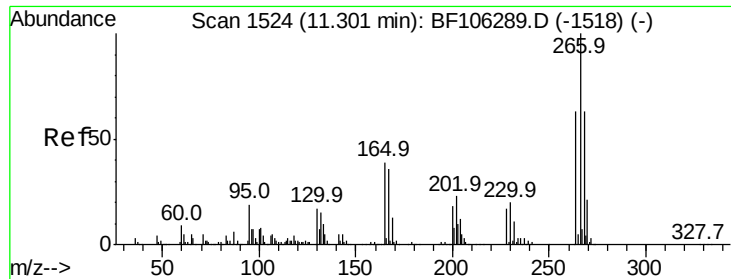


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

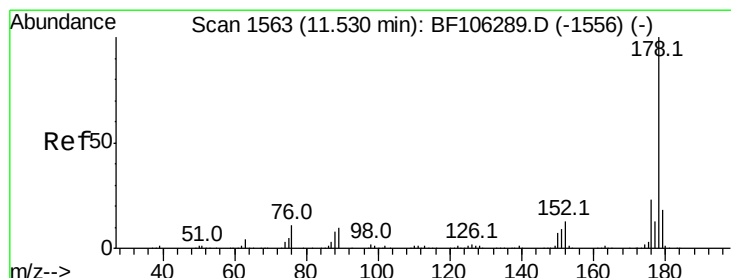
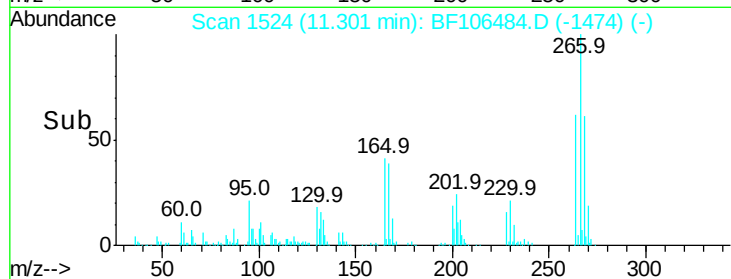
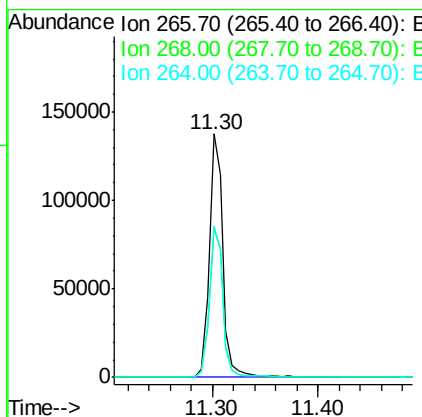
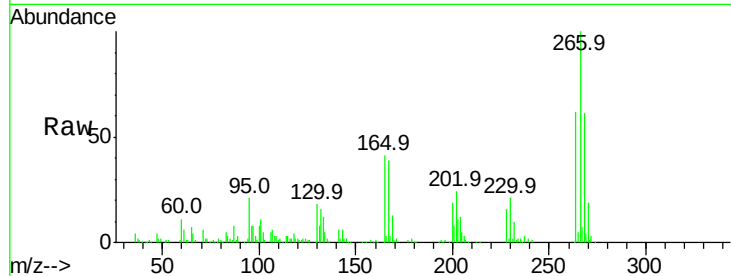




#69
 Pentachlorophenol
 Concen: 62.870 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

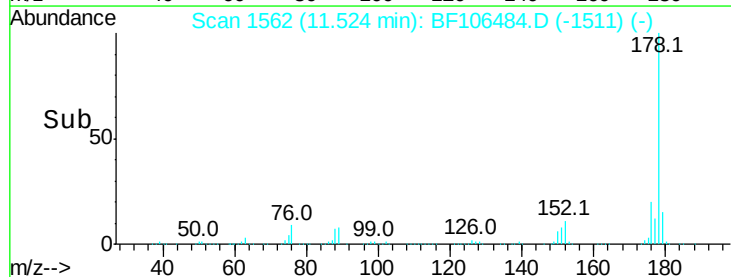
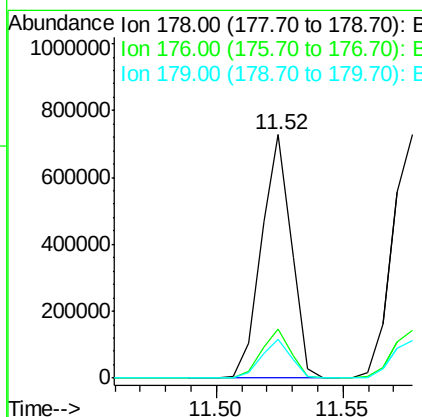
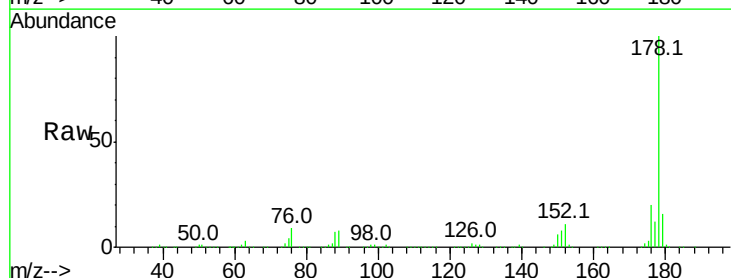
Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

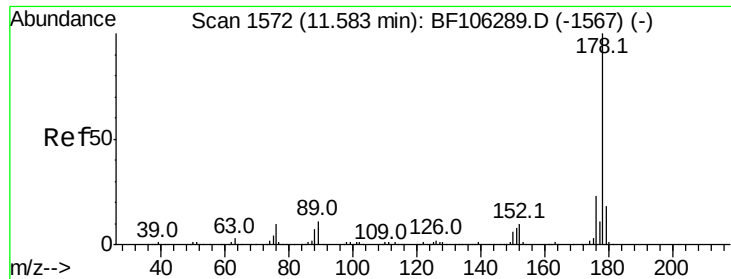
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.0	51.1	76.7
264	62.2	49.5	74.3



#70
 Phenanthrene
 Concen: 44.924 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.8	13.0	19.6

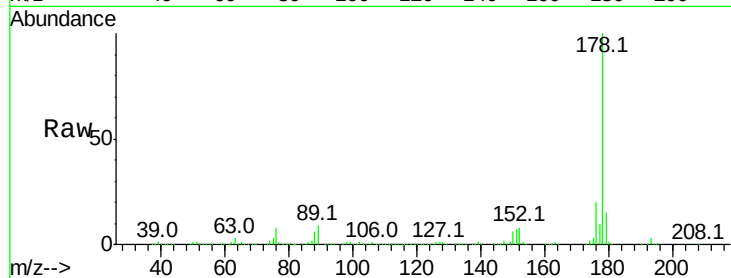




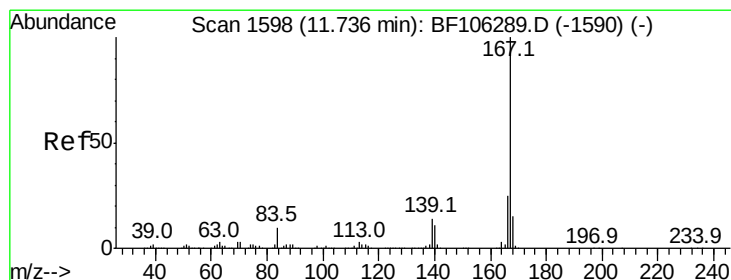
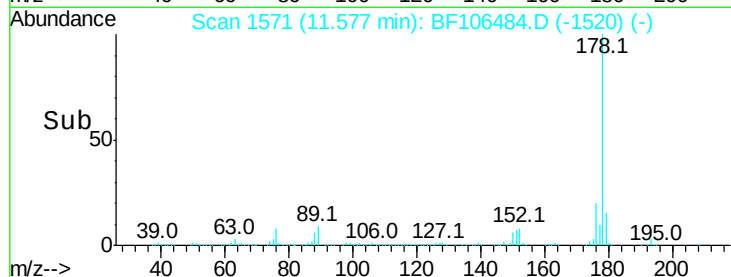
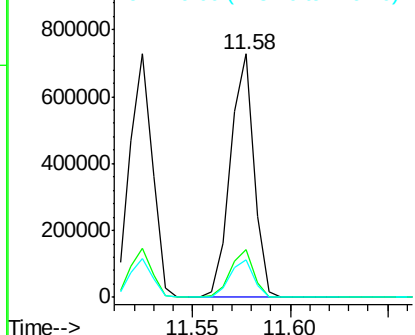
#71
 Anthracene
 Concen: 45.640 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion:178 Resp: 609201
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.5 12.6 19.0

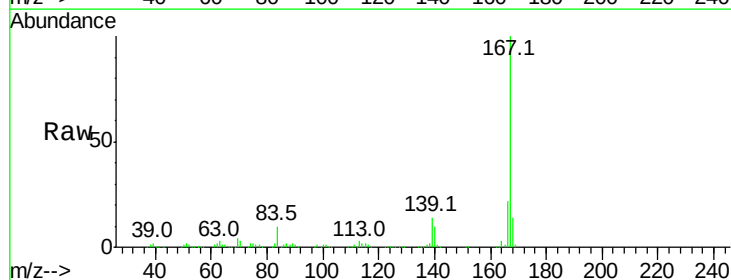


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

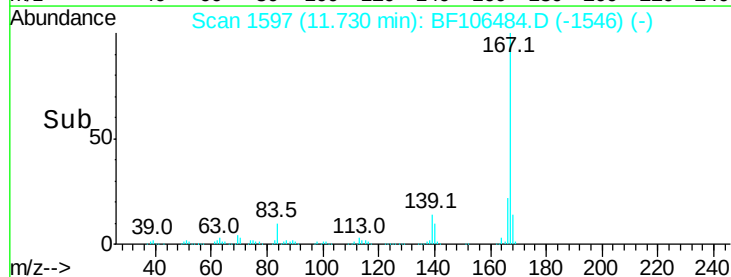
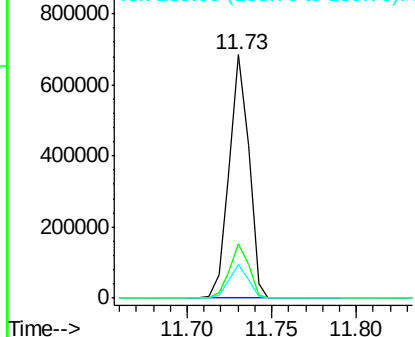


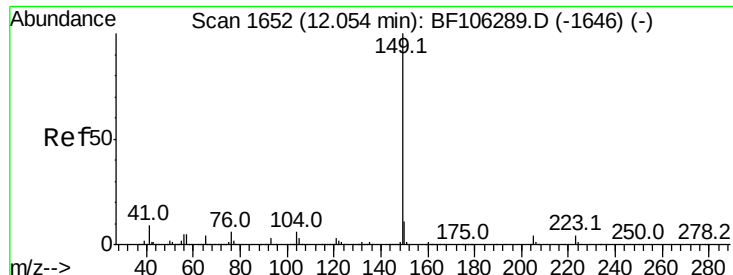
#72
 Carbazole
 Concen: 45.014 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Tgt Ion:167 Resp: 554698
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.6 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.274 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

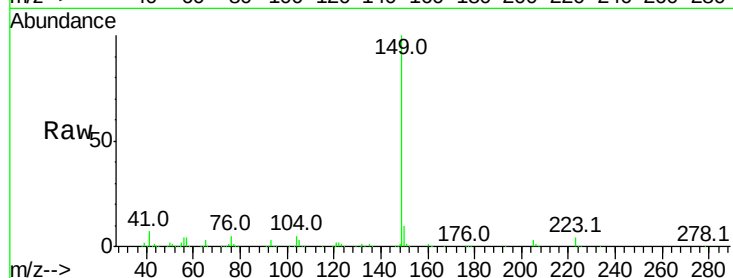
Tot Ion:149 Resp: 607215

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.6

104 5.1 3.8 5.8

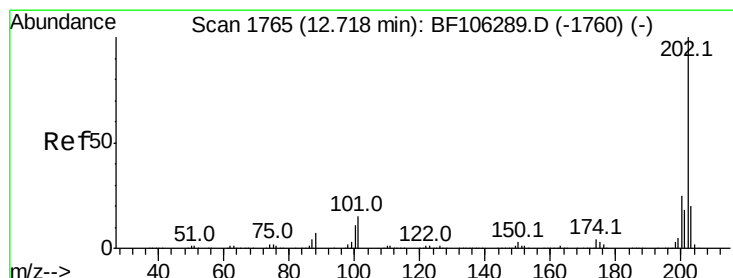
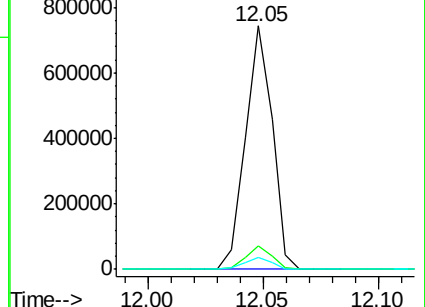
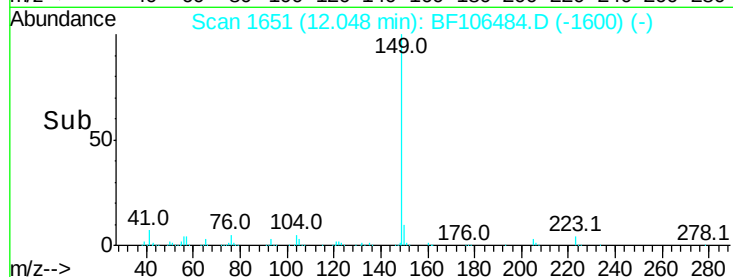


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

12.05



#74

Fluoranthene

Concen: 48.976 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

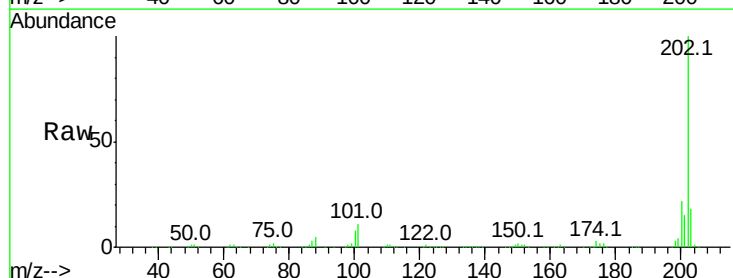
Tgt Ion:202 Resp: 695891

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.1

203 17.8 0.0 38.1

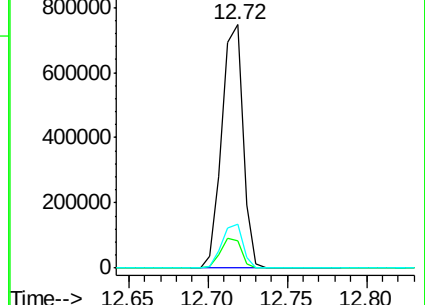
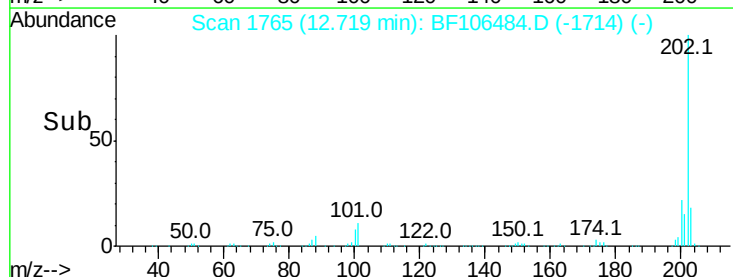


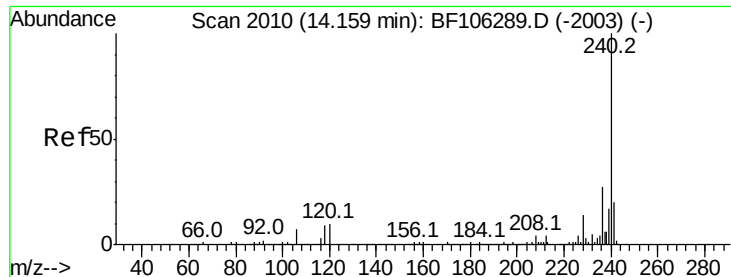
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.72





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

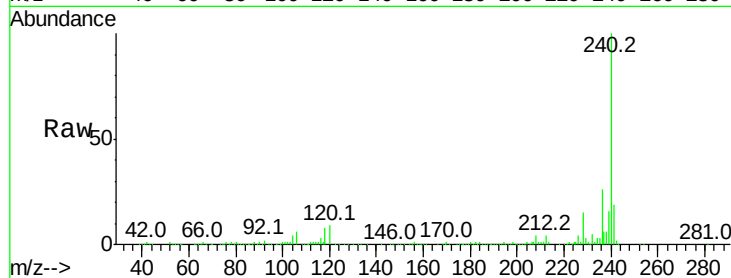
Tot Ion:240 Resp: 266943

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

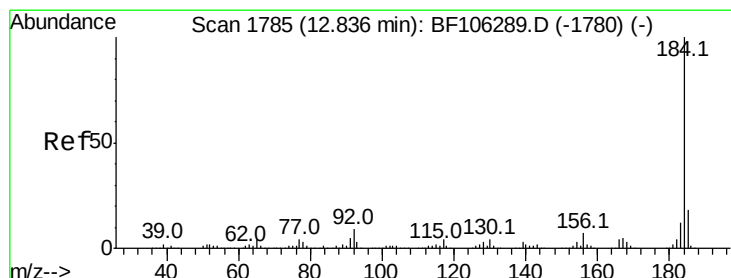
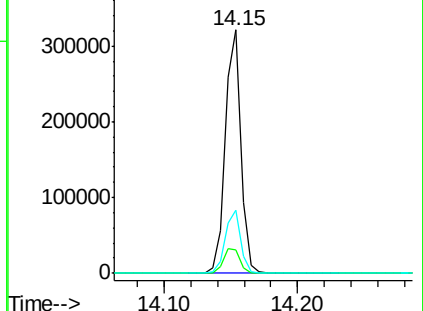
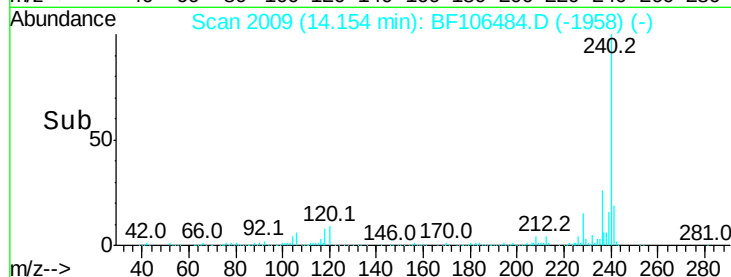
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 61.836 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

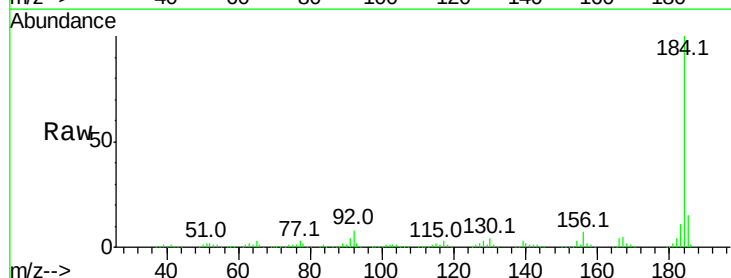
Tgt Ion:184 Resp: 549368

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

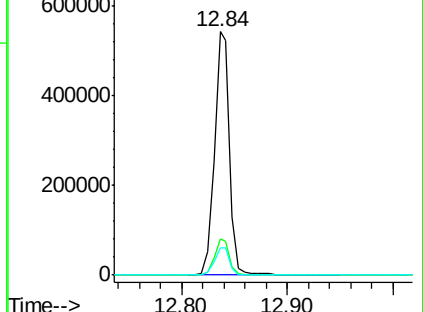
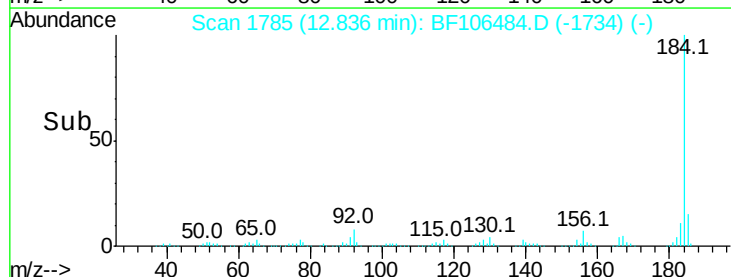
183 11.2 9.3 13.9

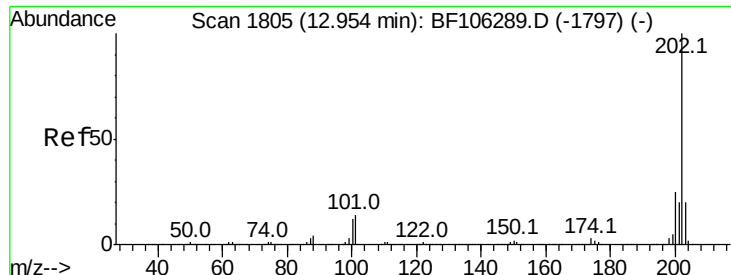


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

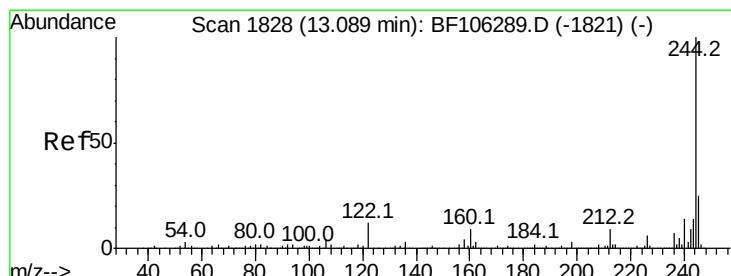
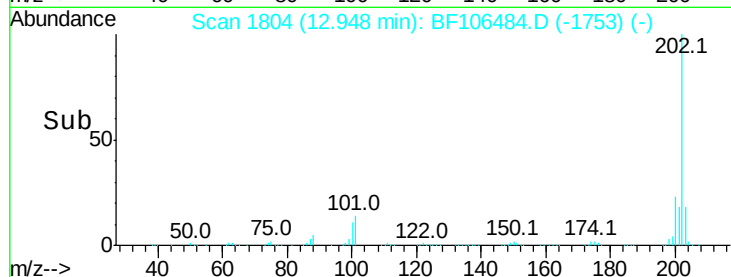
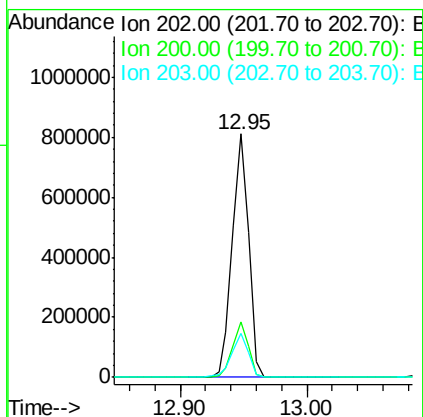
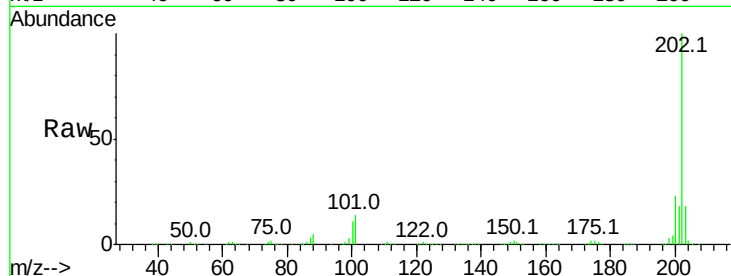




#77
Pvrene
Concen: 43.008 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

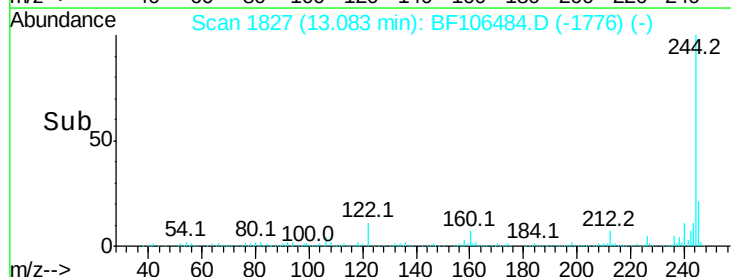
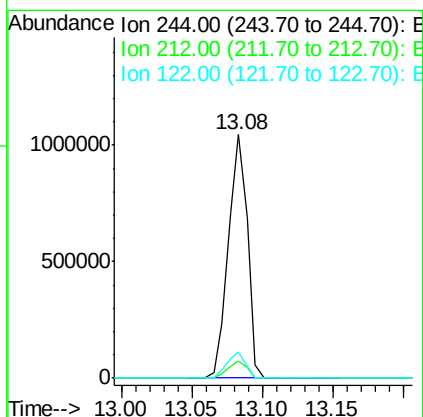
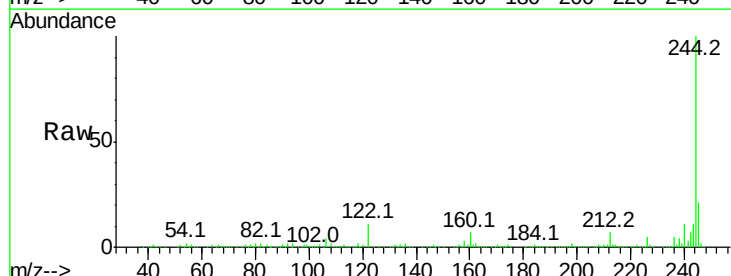
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

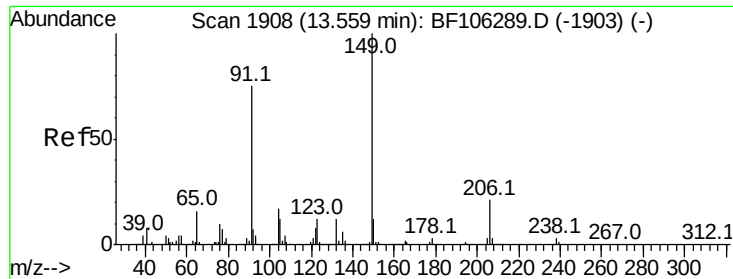
Tot Ion:202 Resp: 718754
Ion Ratio Lower Upper
202 100
200 22.6 17.4 26.2
203 18.3 14.3 21.5



#78
Terphenyl-d14
Concen: 90.760 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Tgt Ion:244 Resp: 975441
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 10.6 11.0 16.4#





#79

Butylbenzylphthalate

Concen: 47.211 ng

RT: 13.55 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

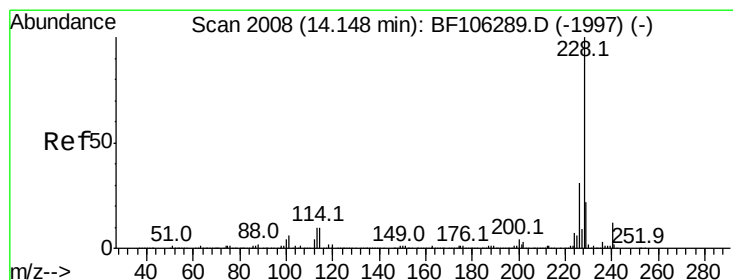
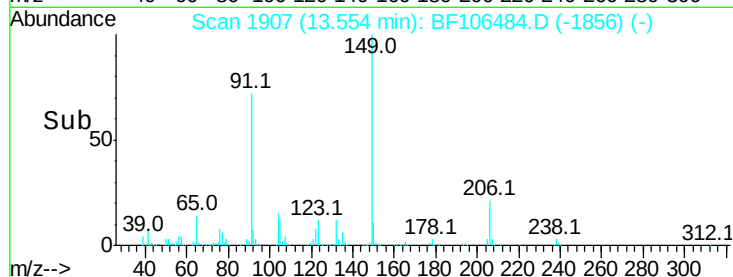
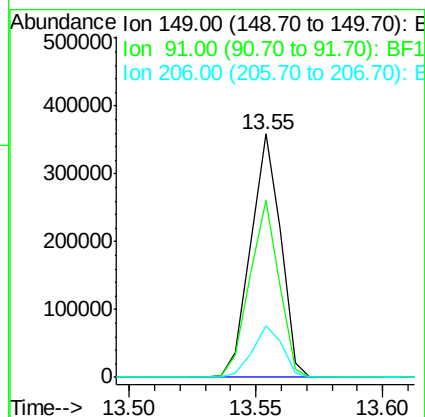
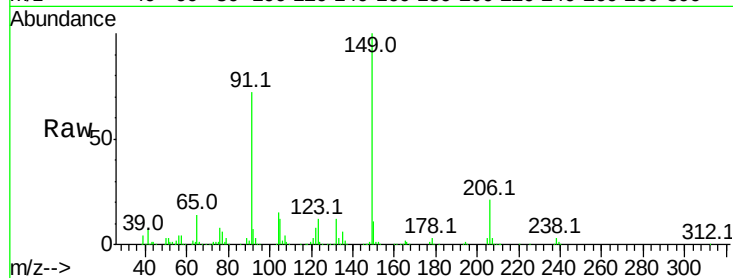
Tot Ion:149 Resp: 295341

Ion Ratio Lower Upper

149 100

91 72.5 56.8 85.2

206 21.2 14.1 21.1#



#80

Benzo(a)anthracene

Concen: 44.005 ng

RT: 14.14 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

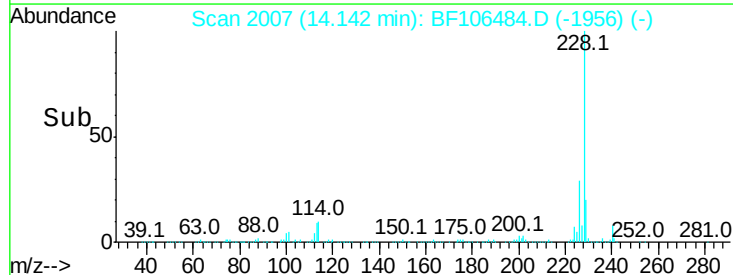
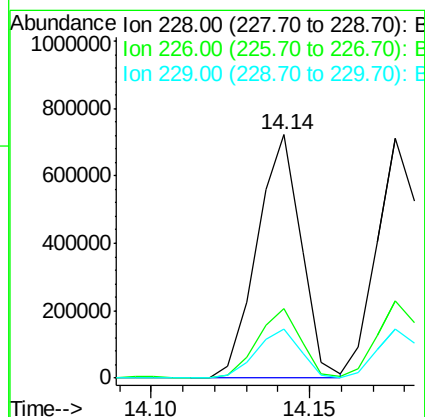
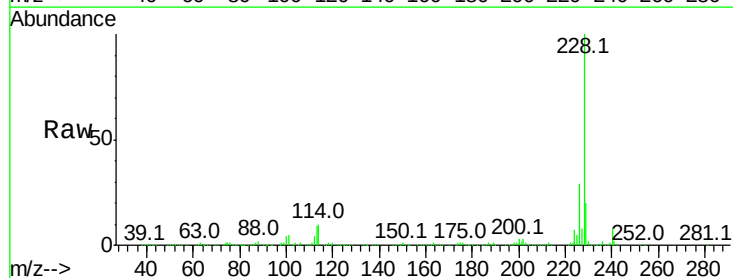
Tgt Ion:228 Resp: 699048

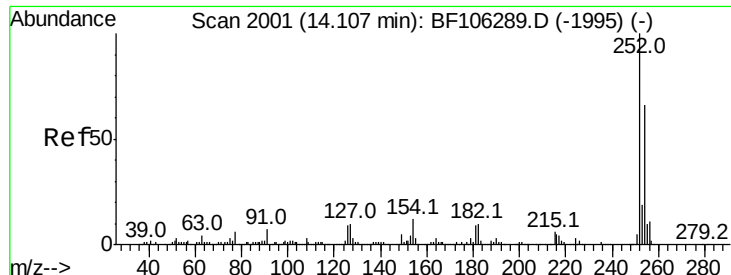
Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

229 20.0 15.8 23.6

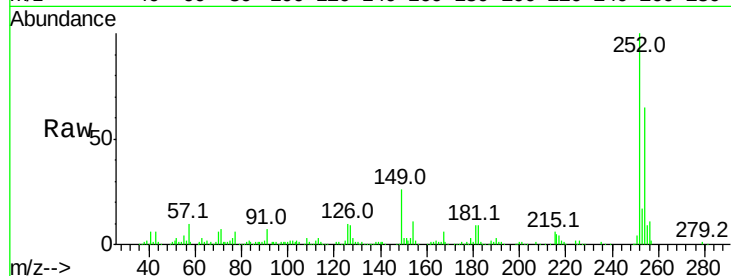




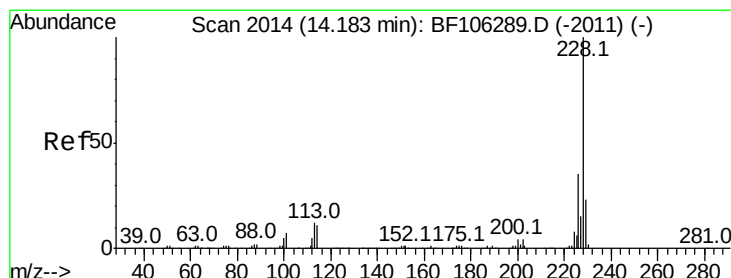
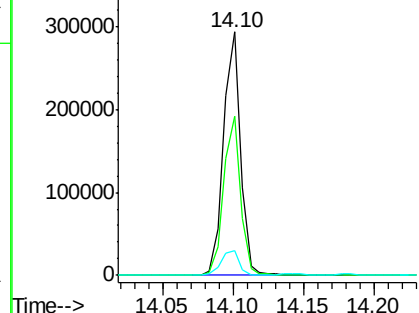
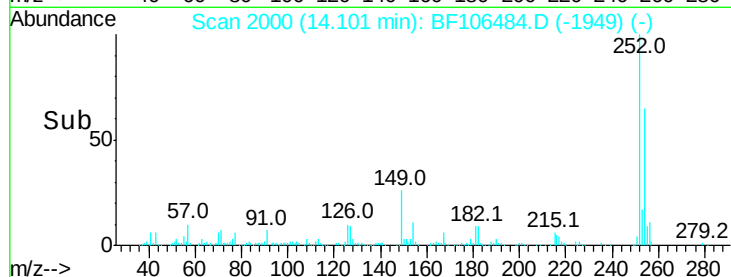
#81
 3,3'-Dichlorobenzidine
 Concen: 45.973 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.4	75.6
126	10.0	11.3	16.9#

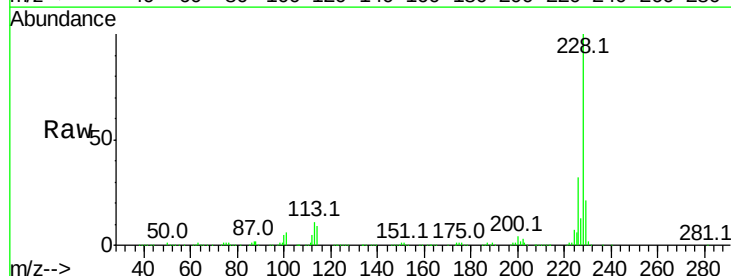


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

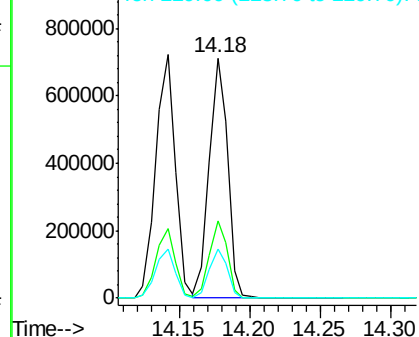
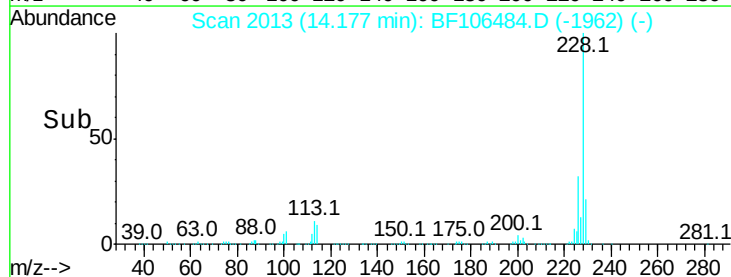


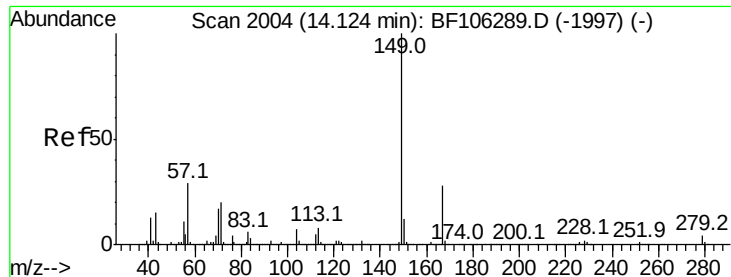
#82
 Chrysene
 Concen: 44.609 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	20.6	16.2	24.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.072 ng

RT: 14.11 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

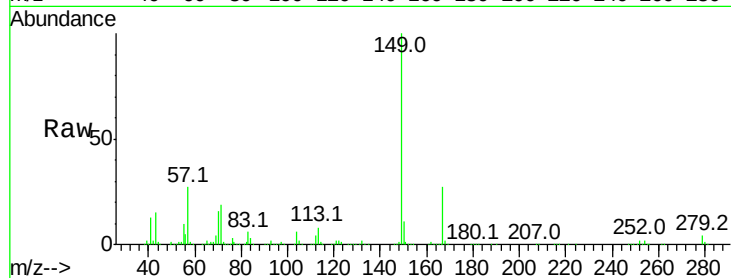
Tot Ion:149 Resp: 395310

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

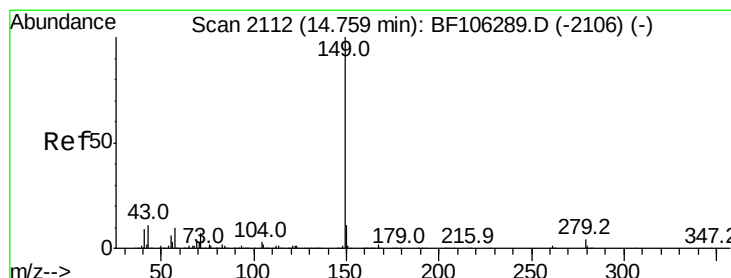
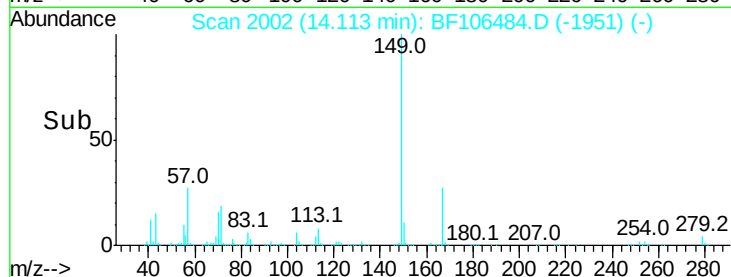
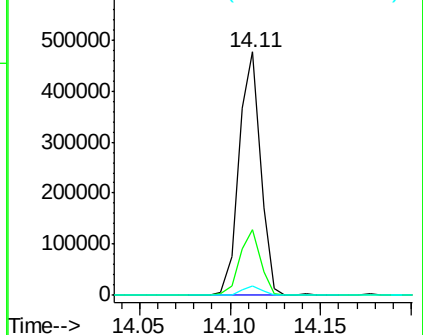
279 3.9 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.677 ng

RT: 14.74 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

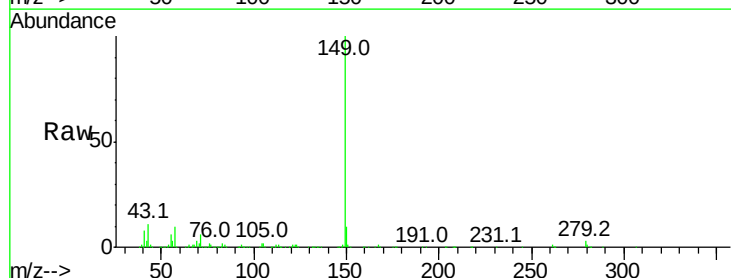
Tgt Ion:149 Resp: 694107

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

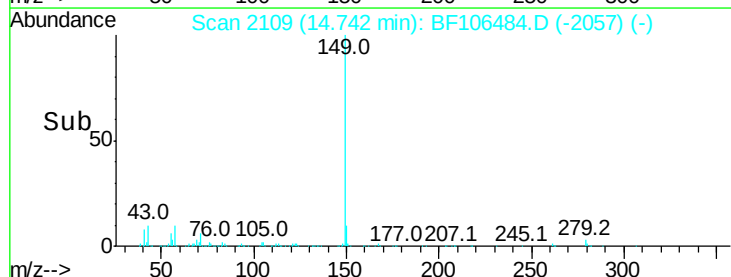
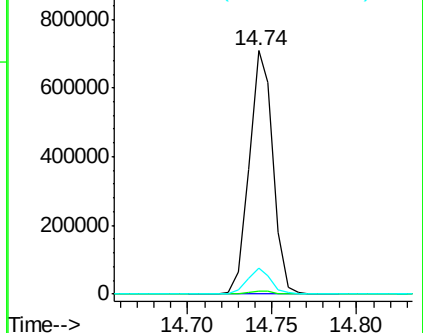
43 9.9 8.4 12.6

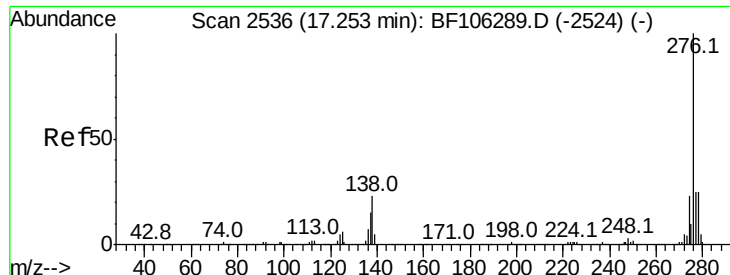


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

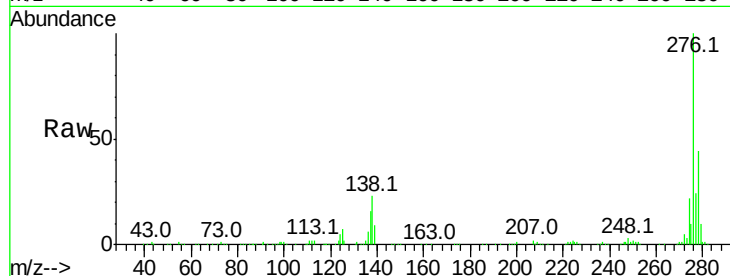




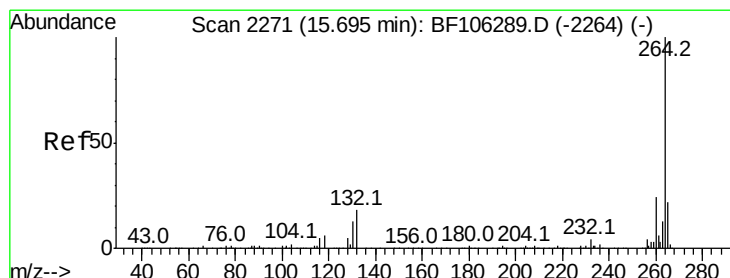
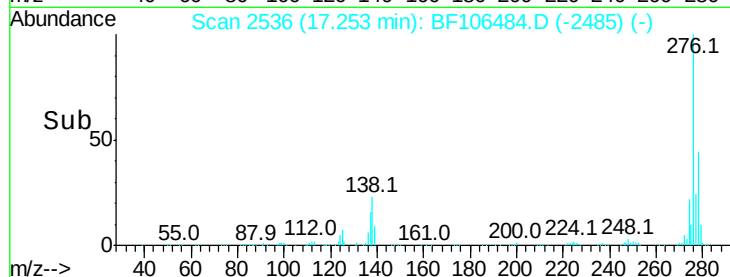
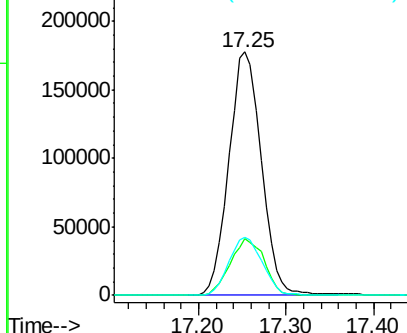
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.849 ng
 RT: 17.25 min Scan# 2536
 Delta R.T. 0.00 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110266BSD

Tot Ion:276 Resp: 449683
 Ion Ratio Lower Upper
 276 100
 138 24.4 25.0 37.6#
 277 24.8 20.1 30.1

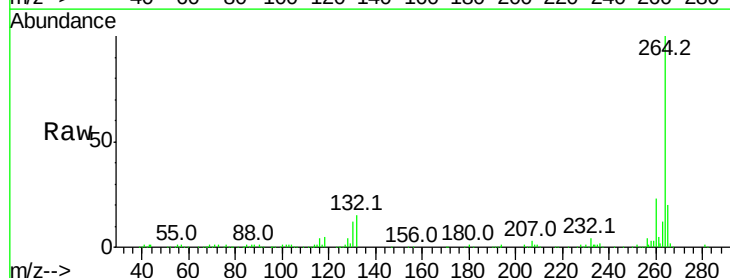


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

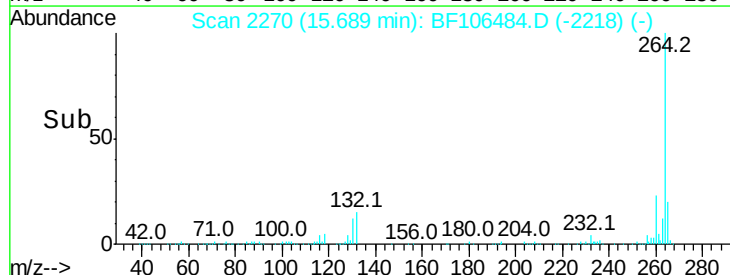
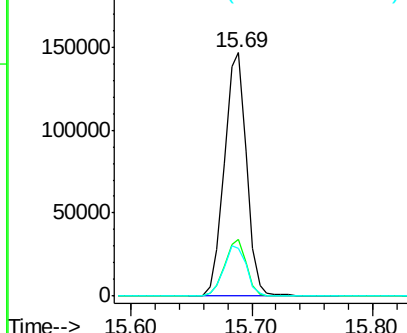


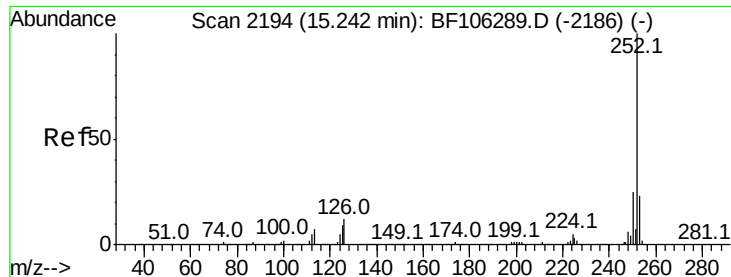
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF106484.D
 Acq: 15 Jun 2018 10:21

Tgt Ion:264 Resp: 186645
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 19.7 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

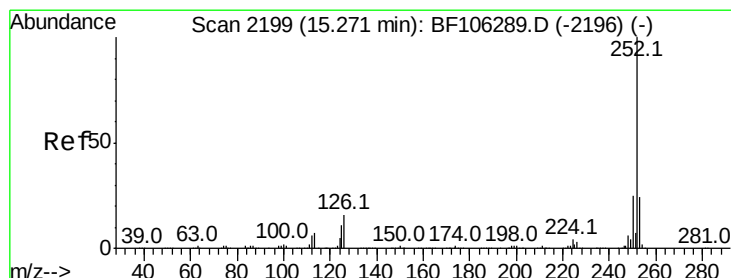
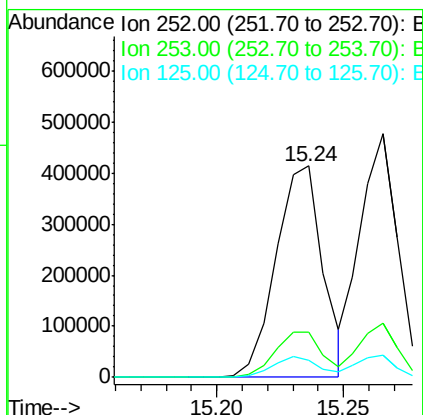
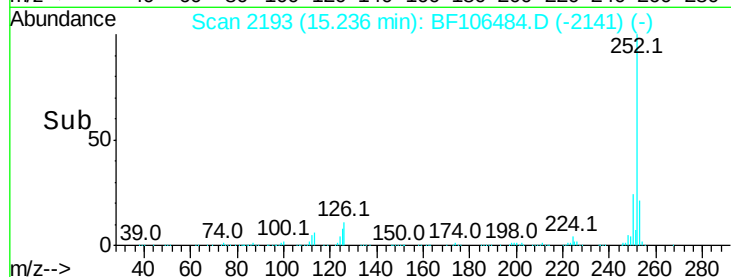
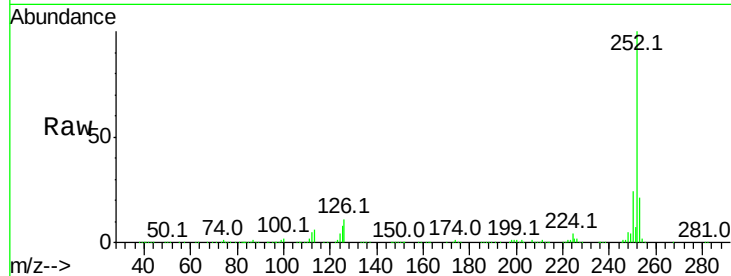




#87
Benzo(b)fluoranthene
Concen: 47.021 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

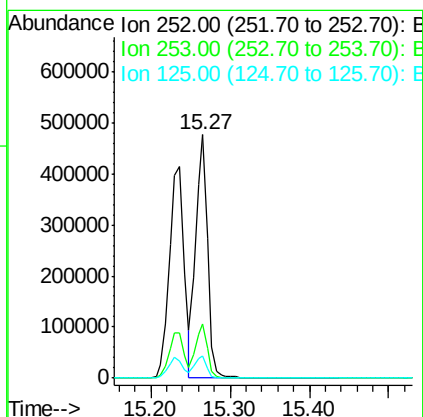
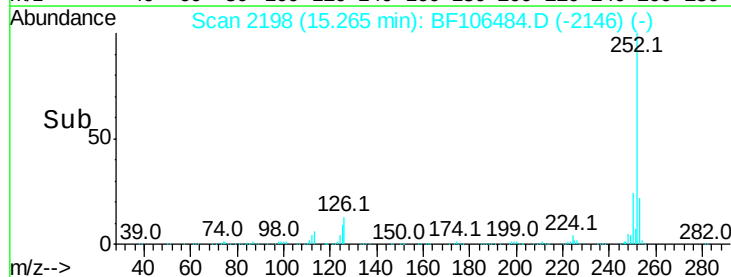
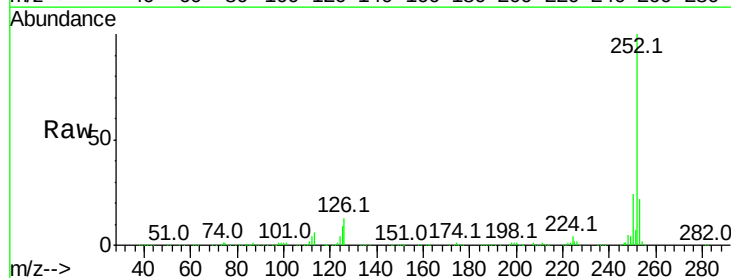
Instrument :
BNA_F
ClientSampleId :
PB110266BSD

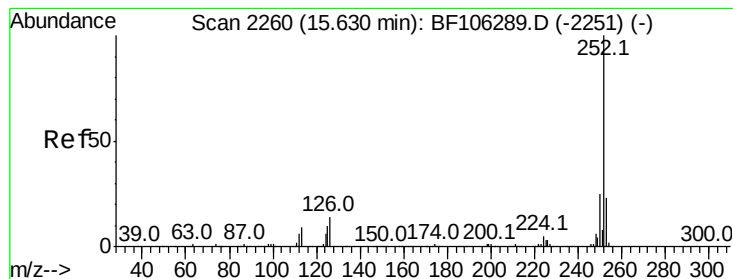
Tot Ion:252 Resp: 530515
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 8.3 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 45.006 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF106484.D
Acq: 15 Jun 2018 10:21

Tgt Ion:252 Resp: 502890
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 8.9 10.2 15.2#





#89

Benzo(a)pyrene

Concen: 45.303 ng

RT: 15.62 min Scan# 2259

Delta R.T. 0.01 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

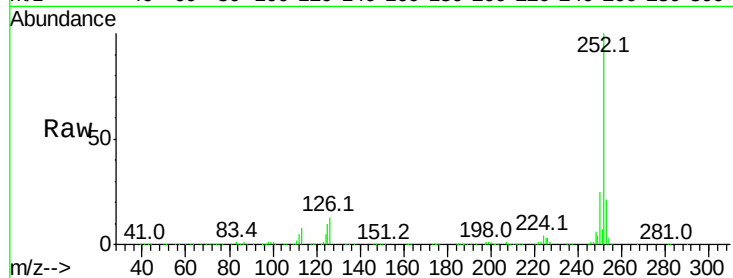
Tot Ion:252 Resp: 459738

Ion Ratio Lower Upper

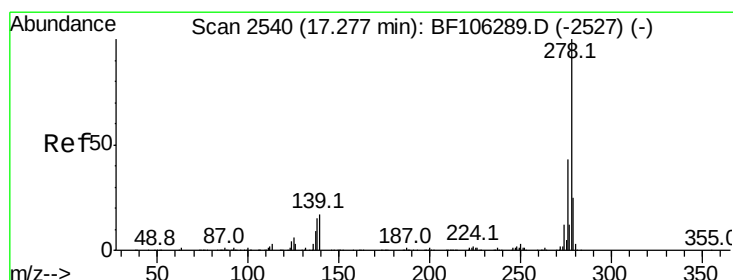
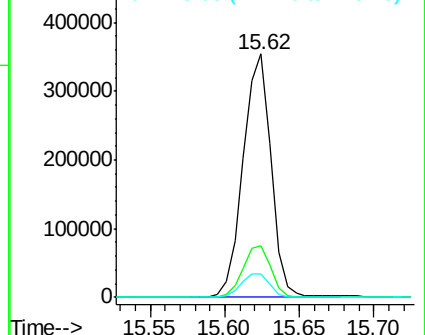
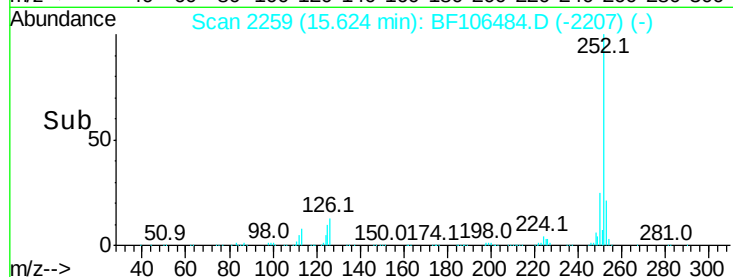
252 100

253 21.3 17.1 25.7

125 9.8 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: 44.095 ng

RT: 17.27 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

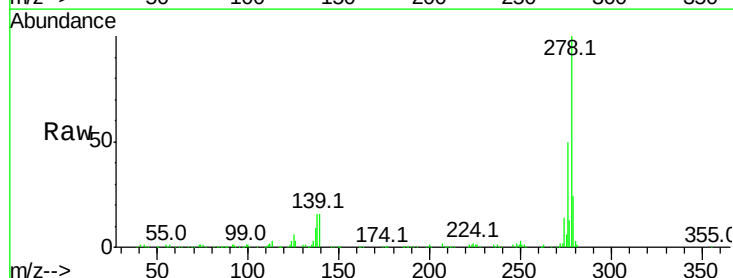
Tgt Ion:278 Resp: 373061

Ion Ratio Lower Upper

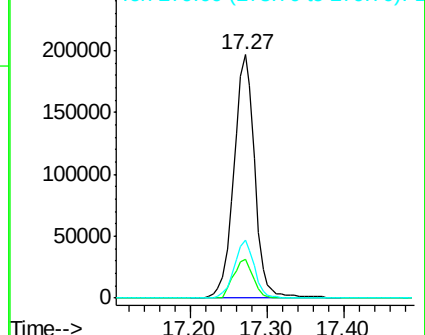
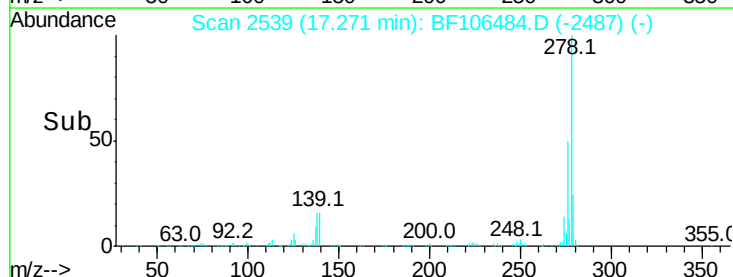
278 100

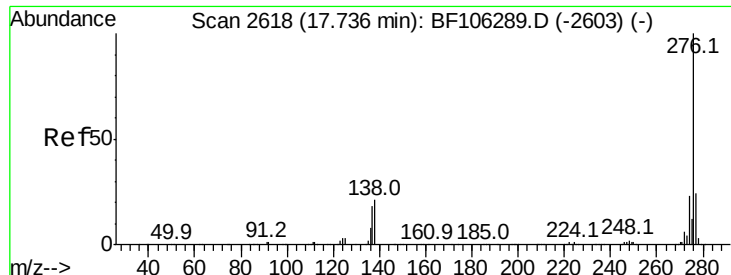
139 16.0 15.9 23.9

279 24.1 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: 45.679 ng

RT: 17.73 min Scan# 2617

Delta R.T. 0.00 min

Lab File: BF106484.D

Acq: 15 Jun 2018 10:21

Instrument :

BNA_F

ClientSampleId :

PB110266BSD

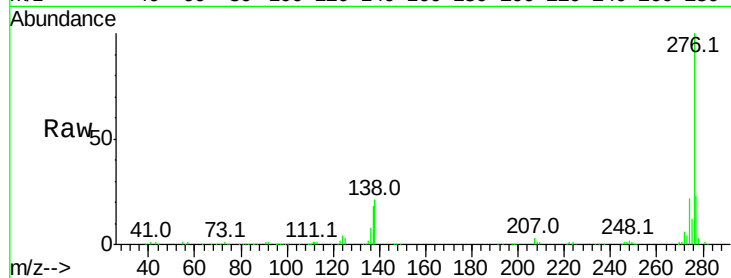
Tot Ion:276 Resp: 375576

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 20.7 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

