

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
 Data File : BF107264.D
 Acq On : 10 Jul 2018 11:27
 Operator : JU/SJ
 Sample : PB110879BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Quant Time: Jul 10 13:39:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	32654	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	124807	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	63445	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	119645	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	81875	20.00	ng	-0.03
86) Perylene-d12	15.67	264	86582	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	235641	122.19	ng	-0.01
7) Phenol-d6	6.59	99	287644	119.44	ng	-0.02
23) Nitrobenzene-d5	7.51	82	186295	82.95	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	88538	120.40	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	362238	99.08	ng	-0.03
78) Terphenyl-d14	13.06	244	365938	108.26	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.85	88	33541	33.831	ng	98
3) Pyridine	3.63	79	94531	35.158	ng	96
4) n-Nitrosodimethylamine	3.59	42	38716	33.902	ng	90
6) Aniline	6.61	93	78575	24.053	ng	# 53
8) 2-Chlorophenol	6.74	128	86486	40.890	ng	96
9) Benzaldehyde	6.50	77	45890	25.330	ng	97
10) Phenol	6.60	94	105540	38.401	ng	79
11) bis(2-Chloroethyl)ether	6.67	93	86261	38.019	ng	98
12) 1,3-Dichlorobenzene	6.88	146	102823	41.507	ng	97
13) 1,4-Dichlorobenzene	6.95	146	103549	41.345	ng	99
14) 1,2-Dichlorobenzene	7.11	146	95172	41.464	ng	97
15) Benzyl Alcohol	7.08	79	72417	37.450	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	125420	42.132	ng	# 41
17) 2-Methylphenol	7.20	107	72787	40.213	ng	# 90
18) Hexachloroethane	7.44	117	35234	40.005	ng	# 89
19) n-Nitroso-di-n-propylamine	7.35	70	60796	38.299	ng	93
20) 3+4-Methylphenols	7.35	107	94586	49.939	ng	# 83
22) Acetophenone	7.35	105	120996	43.333	ng	# 99
24) Nitrobenzene	7.52	77	94638	41.275	ng	98
25) Isophorone	7.76	82	172229	43.520	ng	98
26) 2-Nitrophenol	7.84	139	48518	44.825	ng	93
27) 2,4-Dimethylphenol	7.88	122	78664	47.020	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	109178	41.089	ng	98
29) 2,4-Dichlorophenol	8.09	162	78489	44.812	ng	94
30) 1,2,4-Trichlorobenzene	8.16	180	88226	45.725	ng	98
31) Naphthalene	8.24	128	254925	43.688	ng	99
32) Benzoic acid	8.01	122	35077	31.114	ng	95
33) 4-Chloroaniline	8.30	127	39750	16.235	ng	99
34) Hexachlorobutadiene	8.35	225	58201	46.292	ng	98
35) Caprolactam	8.67	113	20952	36.697	ng	95
36) 4-Chloro-3-methylphenol	8.79	107	76889	41.706	ng	98
37) 2-Methylnaphthalene	8.94	142	188434	48.721	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	98259	45.988	ng	# 96
40) Hexachlorocyclopentadiene	9.08	237	33315	30.306	ng	100

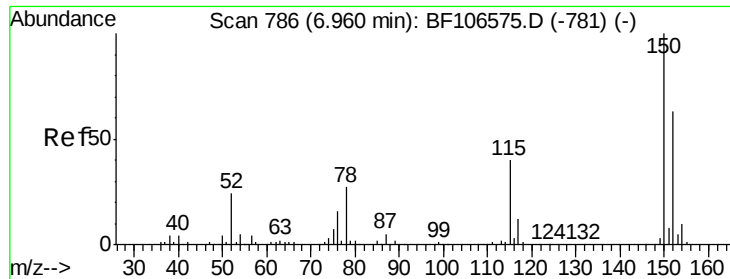
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
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 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	51951	36.579	ng	91
43) 2,4,5-Trichlorophenol	9.27	196	50167	33.851	ng	89
45) 1,1'-Biphenyl	9.40	154	225595	44.617	ng	96
46) 2-Chloronaphthalene	9.43	162	162284	40.775	ng	95
47) 2-Nitroaniline	9.53	65	47875	35.772	ng	93
48) Acenaphthylene	9.85	152	256115	40.759	ng	99
49) Dimethylphthalate	9.70	163	177565	37.316	ng	99
50) 2,6-Dinitrotoluene	9.77	165	41887	41.570	ng	88
51) Acenaphthene	10.02	154	155006	39.174	ng	98
52) 3-Nitroaniline	9.94	138	21860	18.853	ng	98
53) 2,4-Dinitrophenol	10.07	184	23344	46.930	ng #	17
54) Dibenzofuran	10.19	168	232558	42.922	ng	95
55) 4-Nitrophenol	10.13	139	21350	26.379	ng	92
56) 2,4-Dinitrotoluene	10.18	165	51638	39.262	ng	95
57) Fluorene	10.54	166	186763	43.438	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	38021	32.274	ng #	75
59) Diethylphthalate	10.40	149	167628	36.499	ng #	93
60) 4-Chlorophenyl-phenylether	10.52	204	96257	42.788	ng #	85
61) 4-Nitroaniline	10.57	138	38007	33.028	ng	95
62) Azobenzene	10.68	77	168872	37.339	ng	91
64) 4,6-Dinitro-2-methylphenol	10.60	198	23233	31.414	ng #	73
65) n-Nitrosodiphenylamine	10.64	169	155221	38.571	ng	100
66) 4-Bromophenyl-phenylether	11.01	248	62417	43.713	ng #	78
67) Hexachlorobenzene	11.09	284	66197	44.294	ng #	80
68) Atrazine	11.17	200	51466	40.229	ng	95
69) Pentachlorophenol	11.29	266	16380	21.966	ng	98
70) Phenanthrene	11.51	178	256861	44.511	ng	99
71) Anthracene	11.56	178	265889	45.141	ng	98
72) Carbazole	11.71	167	216890	39.330	ng	98
73) Di-n-butylphthalate	12.02	149	242128	37.269	ng	99
74) Fluoranthene	12.70	202	256544	40.334	ng	94
76) Benzidine	12.82	184	73598	31.563	ng	97
77) Pyrene	12.93	202	253756	47.000	ng	99
79) Butylbenzylphthalate	13.52	149	84416	38.028	ng #	96
80) Benzo(a)anthracene	14.12	228	211924	42.469	ng	99
81) 3,3'-Dichlorobenzidine	14.08	252	42962	24.497	ng #	97
82) Chrysene	14.16	228	196792	42.867	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	106663	37.584	ng #	98
84) Di-n-octyl phthalate	14.69	149	180131	38.939	ng	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	266812	68.485	ng #	90
87) Benzo(b)fluoranthene	15.21	252	206116	38.323	ng #	96
88) Benzo(k)fluoranthene	15.24	252	204037	39.837	ng #	95
89) Benzo(a)pyrene	15.61	252	211035	44.138	ng #	96
90) Dibenzo(a,h)anthracene	17.27	278	219614	54.198	ng #	94
91) Benzo(g,h,i)perylene	17.74	276	233170	58.872	ng #	89

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

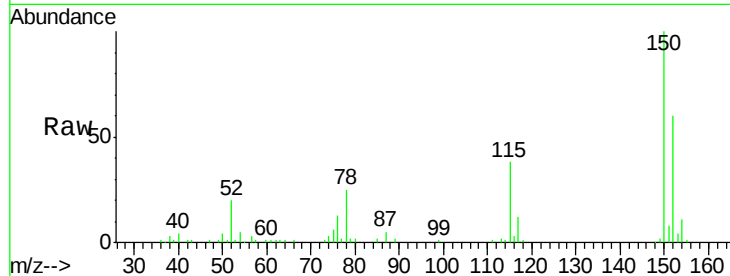


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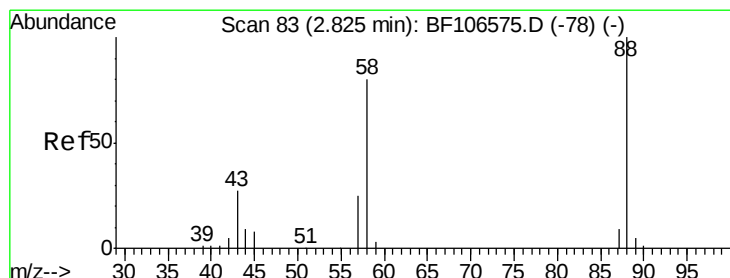
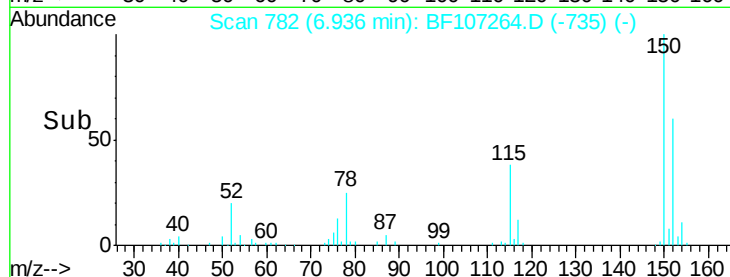
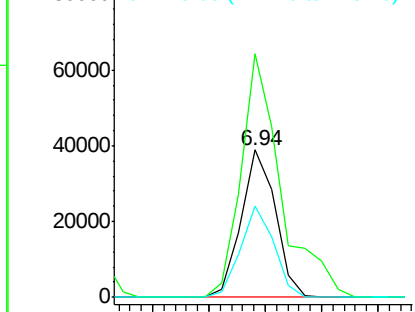
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:152 Resp: 32654
Ion Ratio Lower Upper
152 100
150 165.5 124.6 186.8
115 62.3 50.1 75.1



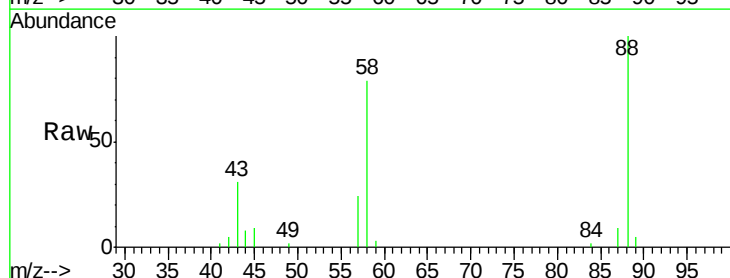
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



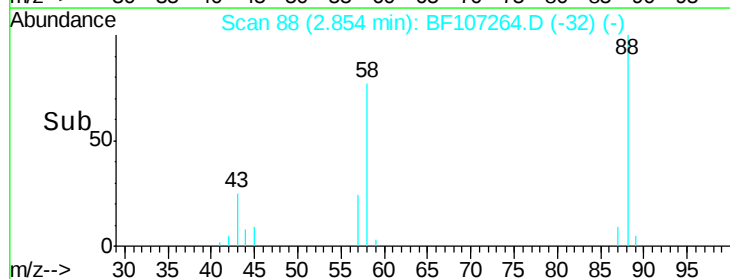
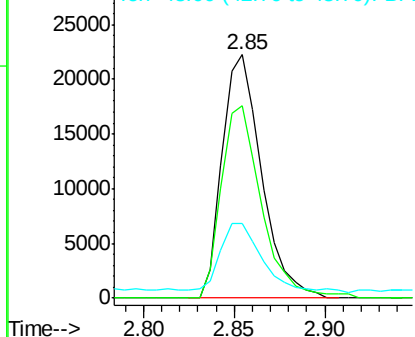
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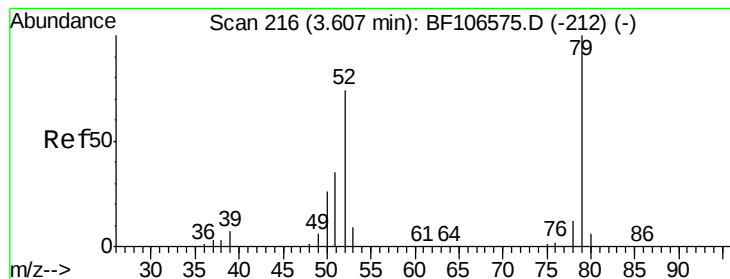
1,4-Dioxane
Concen: 33.831 ng
RT: 2.85 min Scan# 88
Delta R.T. 0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion: 88 Resp: 33541
Ion Ratio Lower Upper
88 100
58 80.8 62.6 93.8
43 30.4 24.6 37.0



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





#3

Pyridine

Concen: 35.158 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

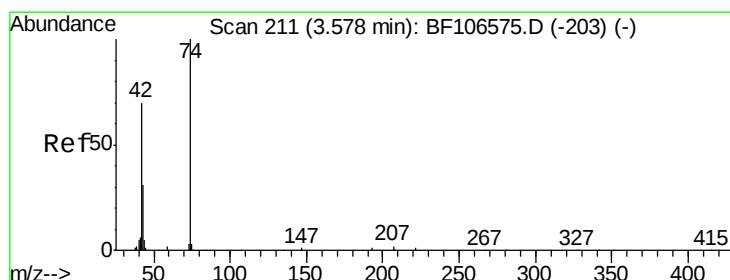
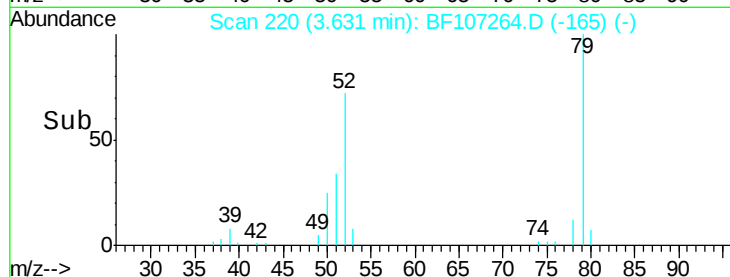
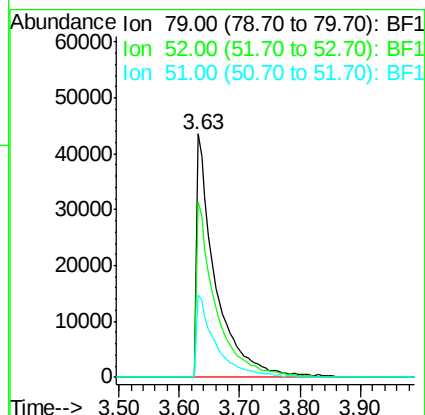
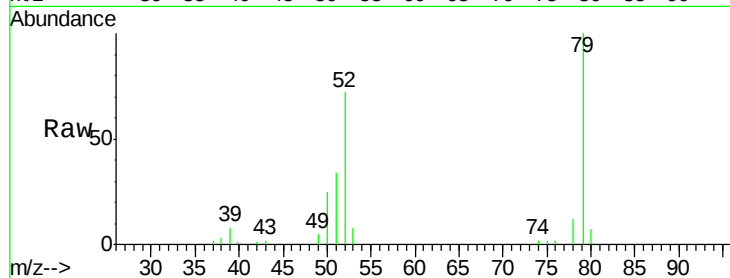
Tgt Ion: 79 Resp: 94531

Ion Ratio Lower Upper

79 100

52 72.2 59.8 89.6

51 33.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 33.902 ng

RT: 3.59 min Scan# 213

Delta R.T. -0.00 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

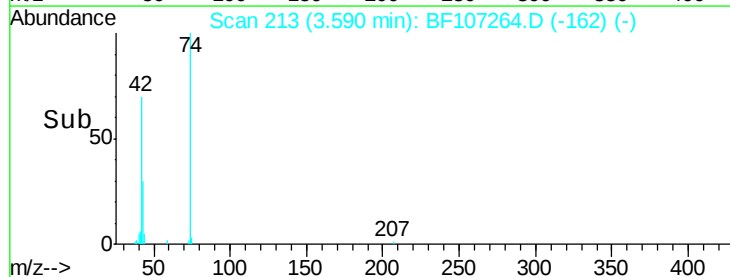
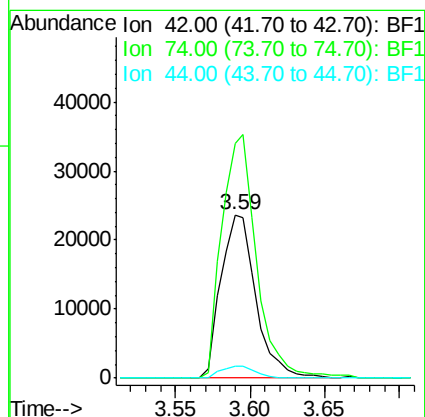
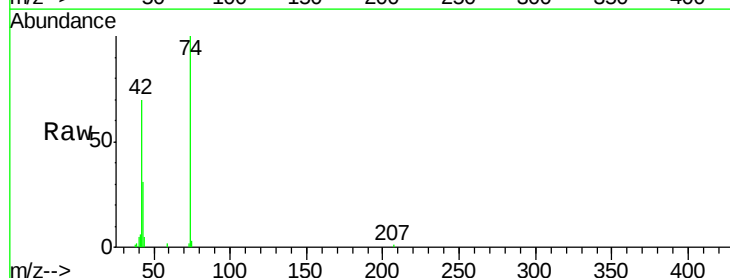
Tgt Ion: 42 Resp: 38716

Ion Ratio Lower Upper

42 100

74 143.8 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 122.195 ng

RT: 5.59 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

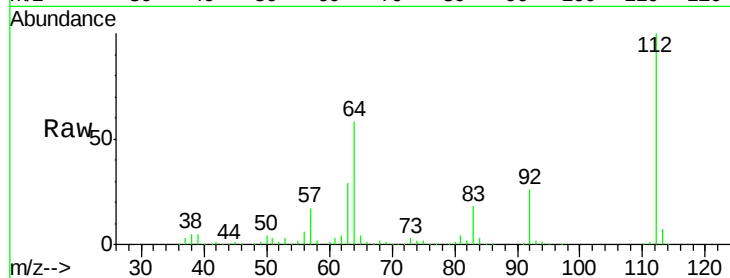
Tgt Ion: 112 Resp: 235641

Ion Ratio Lower Upper

112 100

64 57.7 47.9 71.9

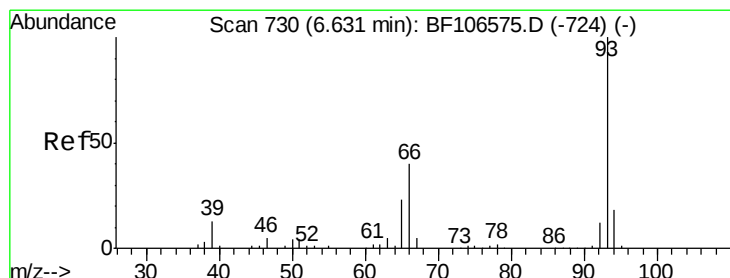
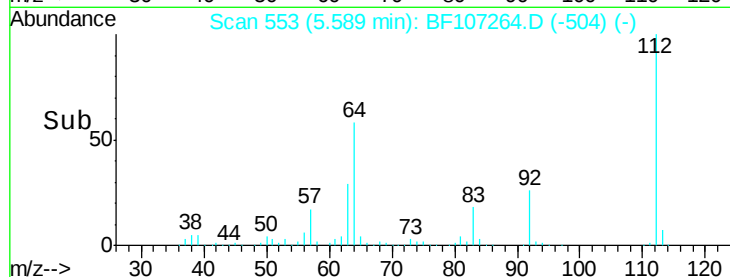
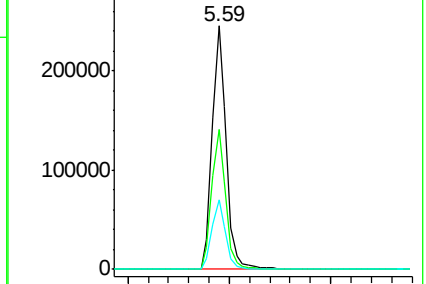
63 28.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.053 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

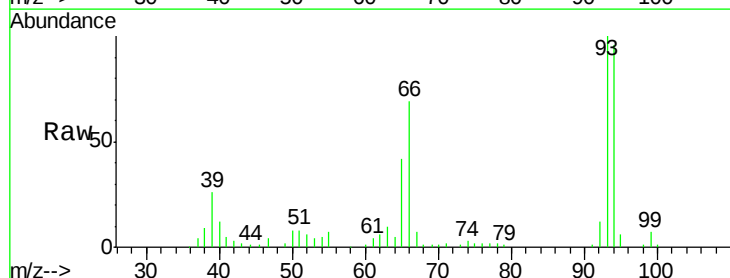
Tgt Ion: 93 Resp: 78575

Ion Ratio Lower Upper

93 100

66 69.3 32.2 48.2#

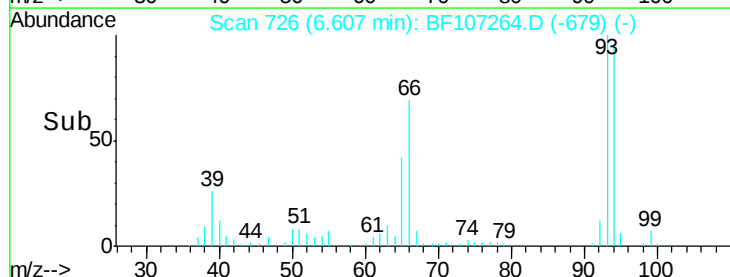
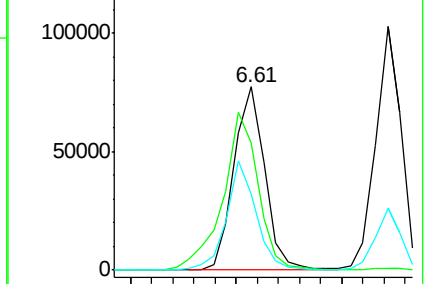
65 41.7 16.4 24.6#

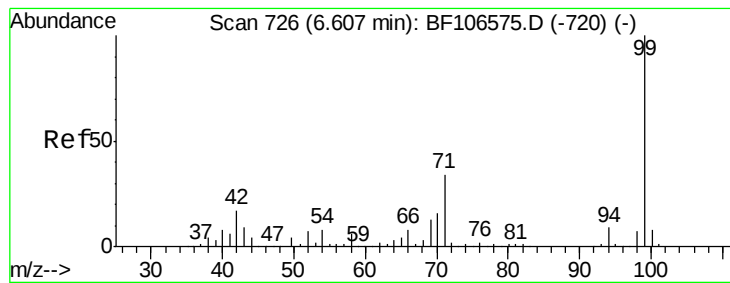


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.444 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

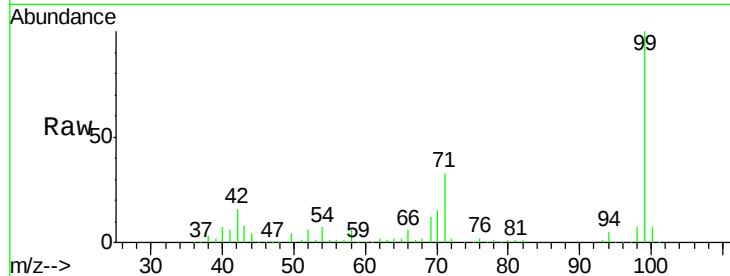
Tgt Ion: 99 Resp: 287644

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

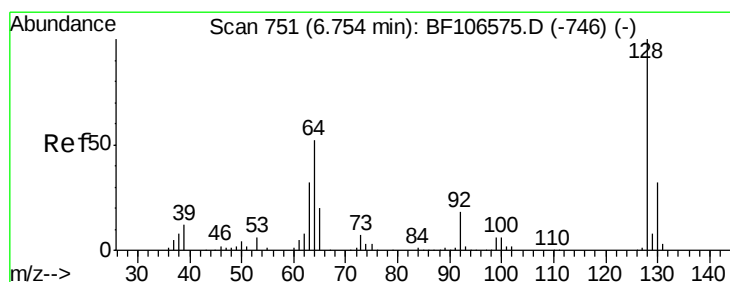
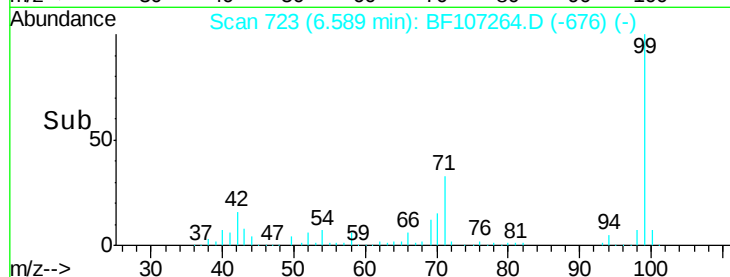
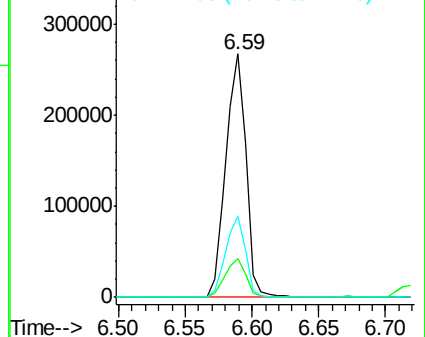
71 33.4 25.4 38.0



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: 40.890 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

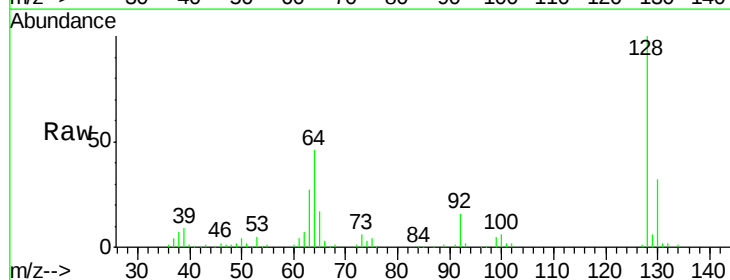
Tgt Ion: 128 Resp: 86486

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

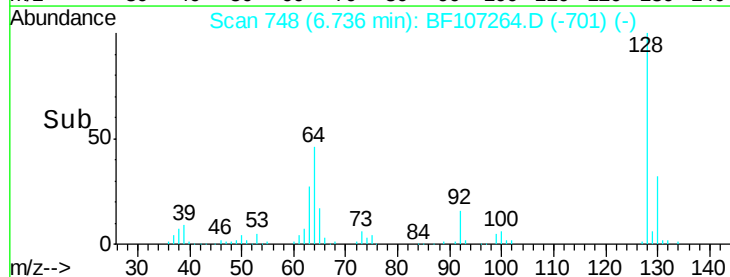
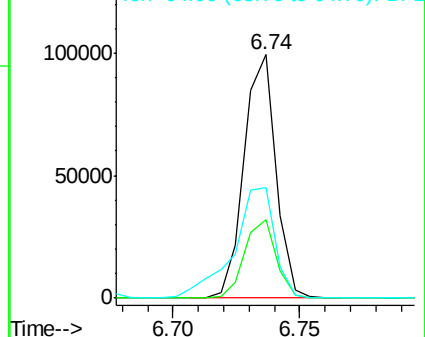
64 45.5 29.4 69.4

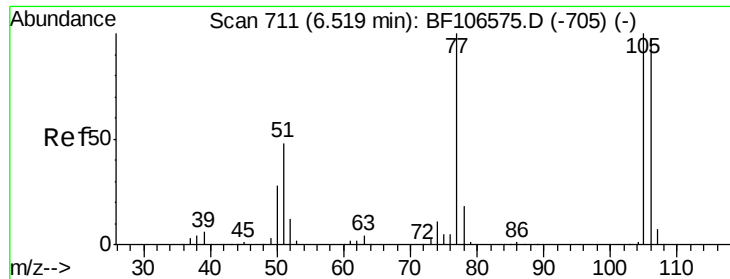


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

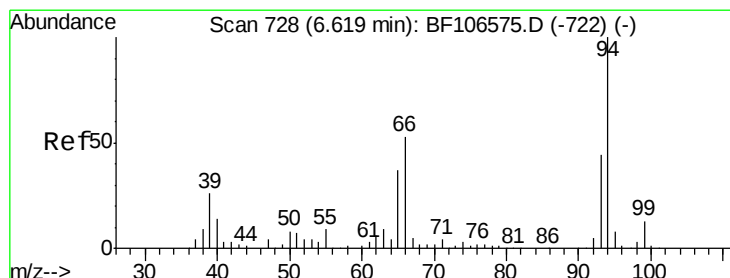
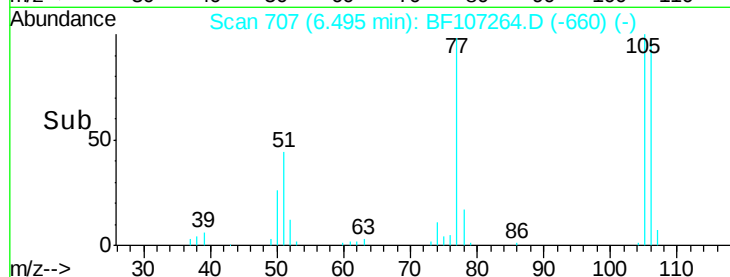
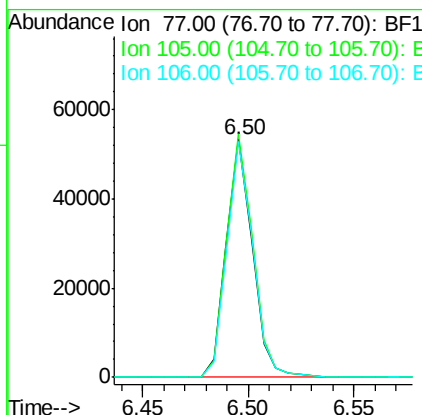
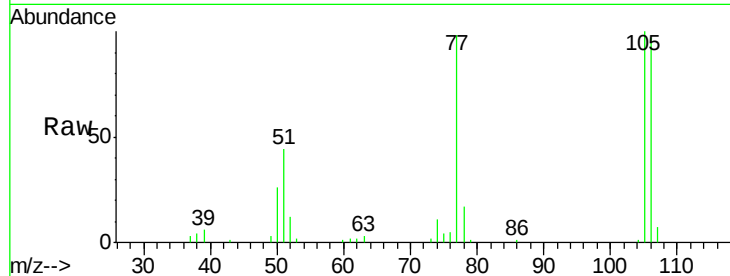




#9
Benzaldehyde
Concen: 25.330 ng
RT: 6.50 min Scan# 707
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

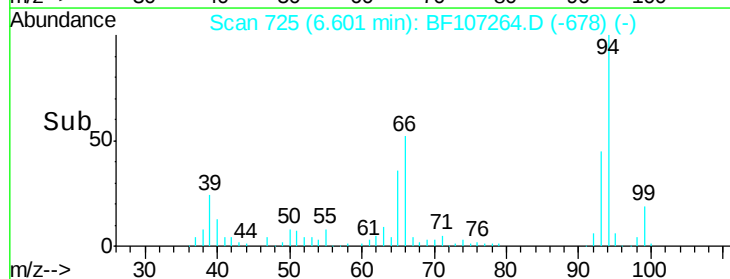
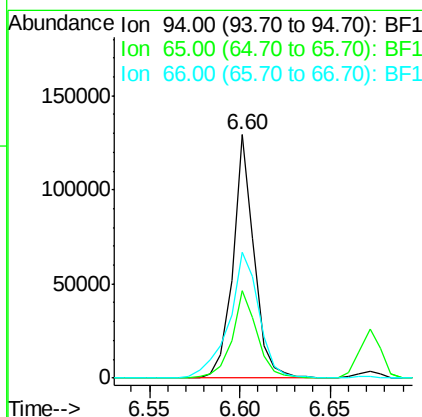
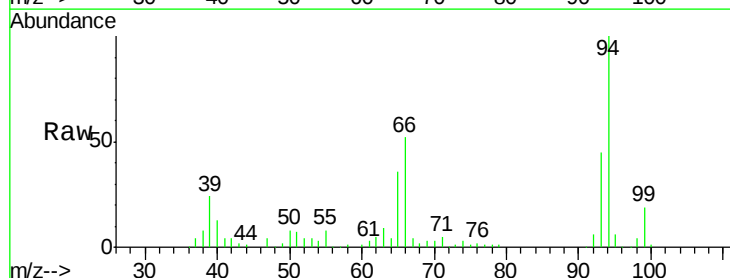
Instrument :
BNA_F
ClientSampleId :
PB110879BS

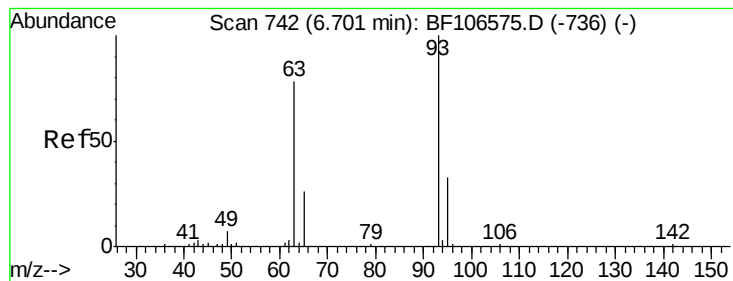
Tgt Ion: 77 Resp: 45890
Ion Ratio Lower Upper
77 100
105 102.2 81.1 121.1
106 99.3 74.5 114.5



#10
Phenol
Concen: 38.401 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion: 94 Resp: 105540
Ion Ratio Lower Upper
94 100
65 35.7 7.9 47.9
66 51.7 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.019 ng

RT: 6.67 min Scan# 737

Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

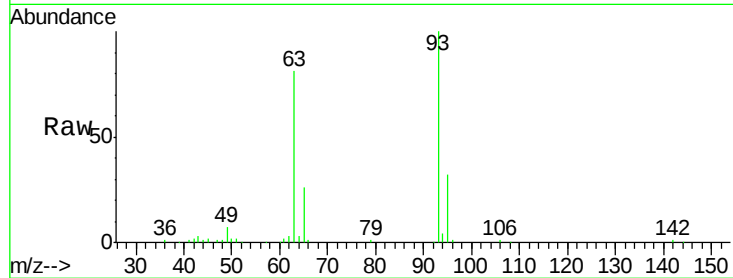
Tgt Ion: 93 Resp: 86261

Ion Ratio Lower Upper

93 100

63 80.5 58.6 98.6

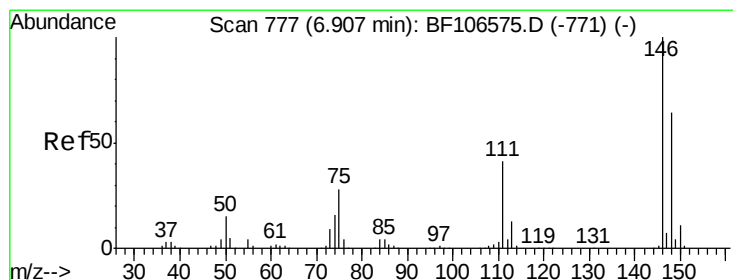
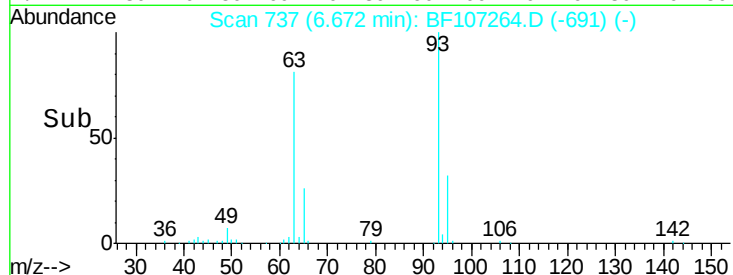
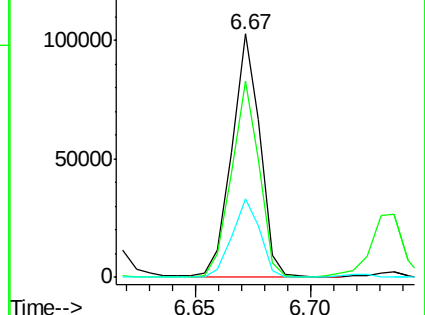
95 32.3 11.8 51.8



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: 41.507 ng

RT: 6.88 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

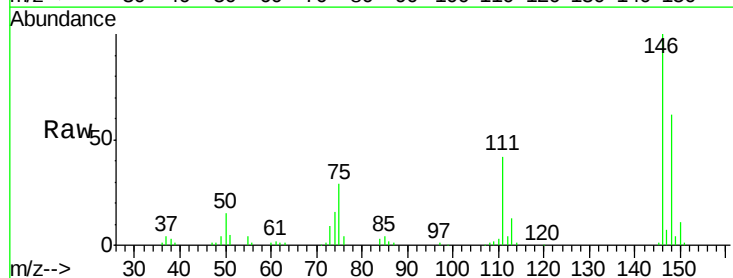
Tgt Ion: 146 Resp: 102823

Ion Ratio Lower Upper

146 100

148 62.4 51.8 77.8

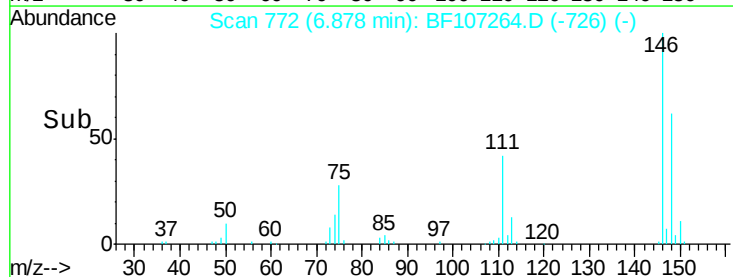
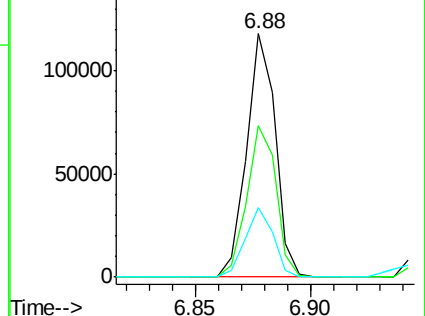
75 28.7 24.2 36.4

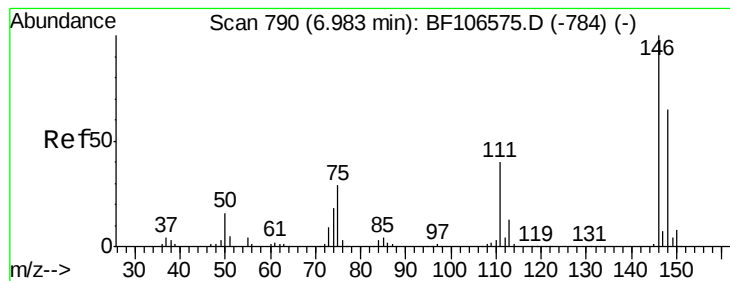


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 41.345 ng

RT: 6.95 min Scan# 785

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

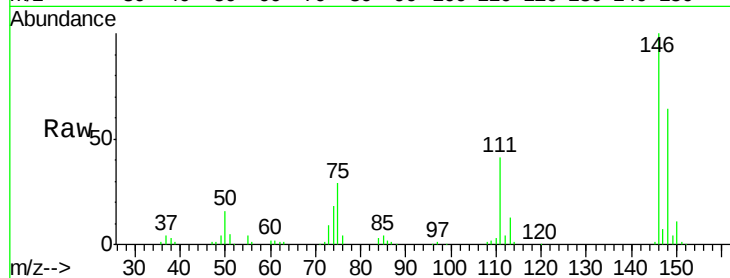
Tgt Ion:146 Resp: 103549

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

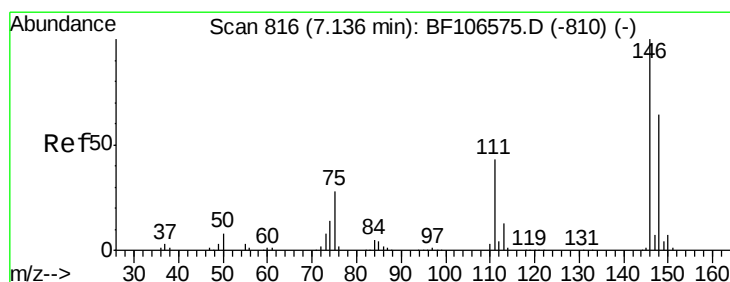
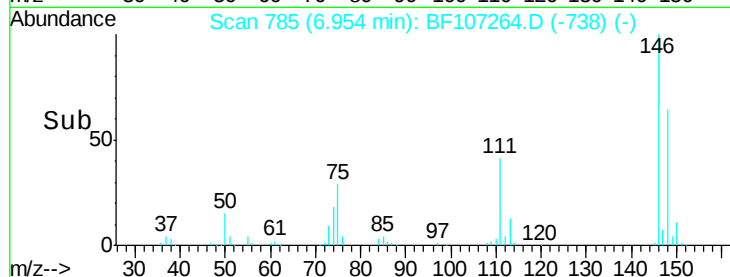
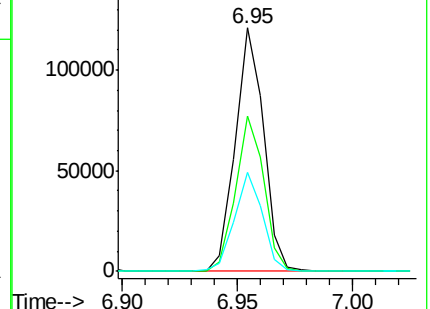
111 40.9 34.2 51.2



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: 41.464 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

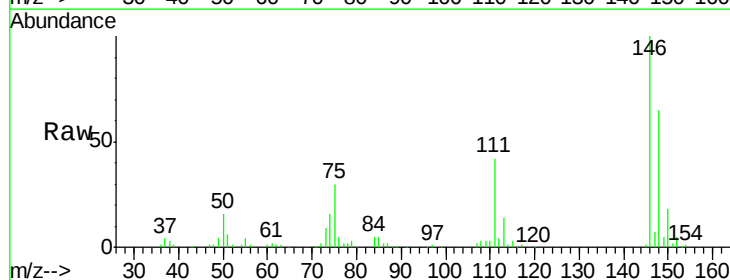
Tgt Ion:146 Resp: 95172

Ion Ratio Lower Upper

146 100

148 64.9 50.6 75.8

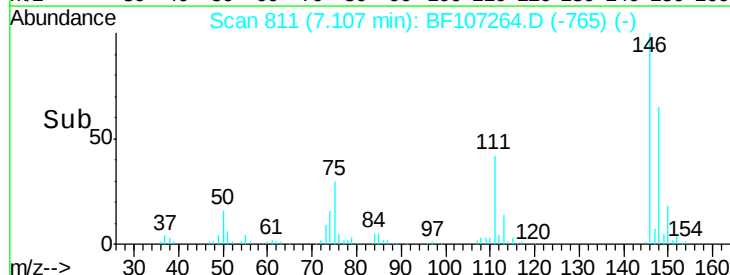
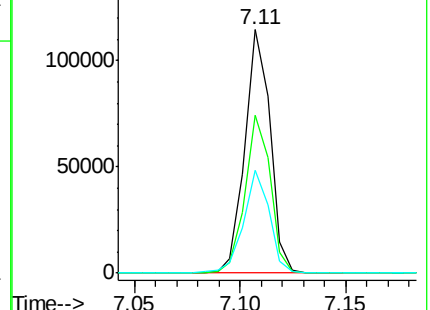
111 42.2 36.0 54.0

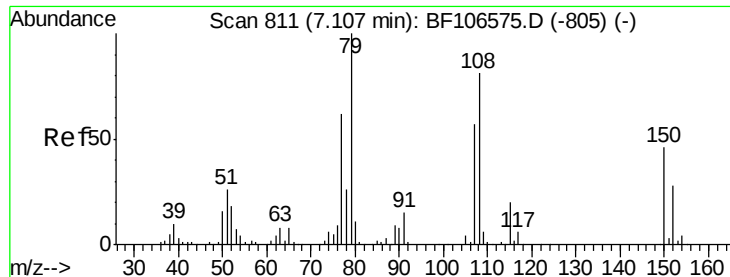


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.450 ng

RT: 7.08 min Scan# 807

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

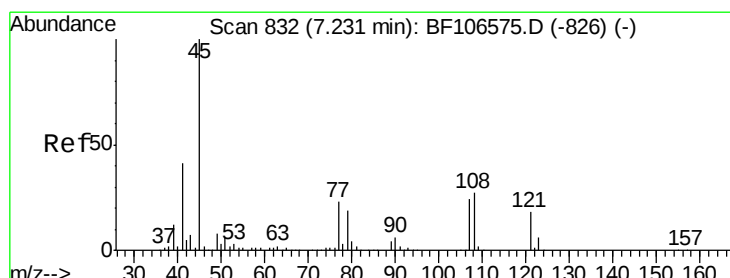
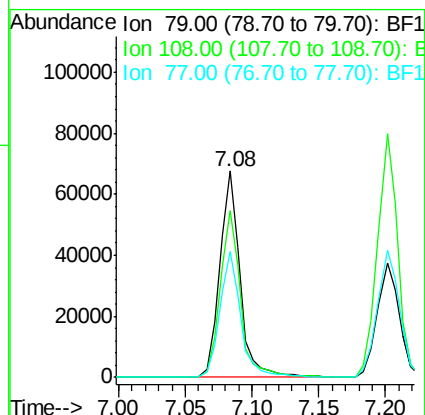
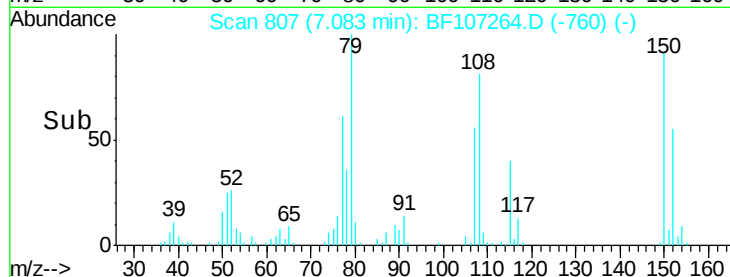
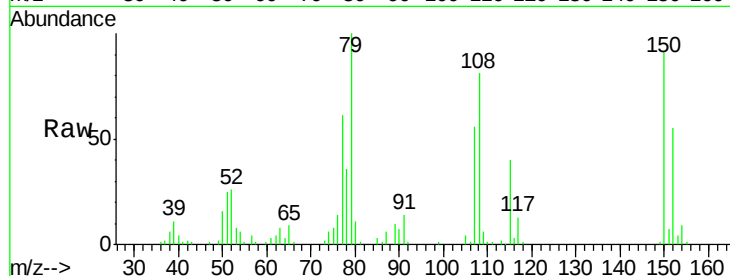
Tgt Ion: 79 Resp: 72417

Ion Ratio Lower Upper

79 100

108 80.8 65.1 97.7

77 61.1 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.132 ng

RT: 7.21 min Scan# 828

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

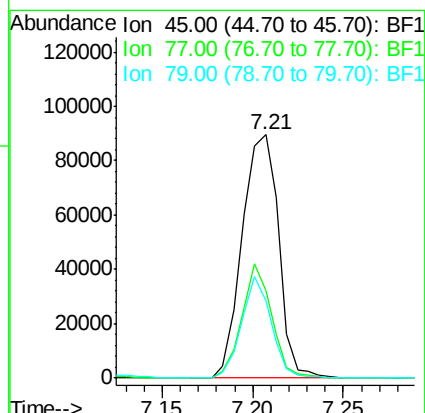
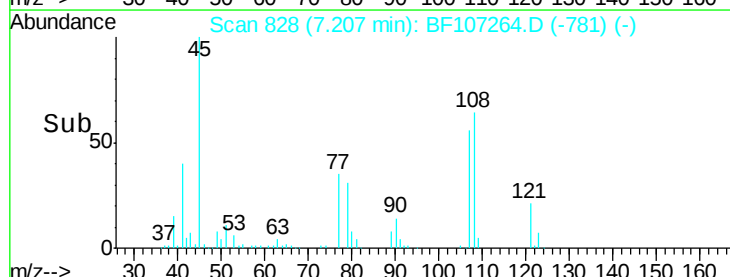
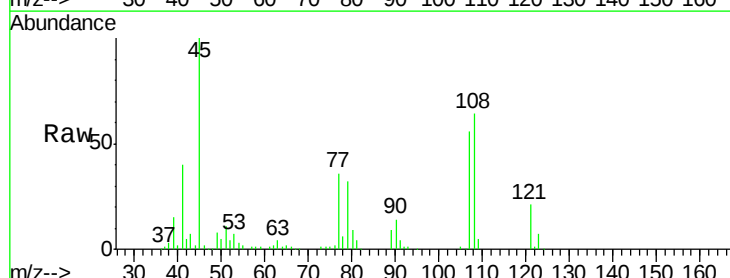
Tgt Ion: 45 Resp: 125420

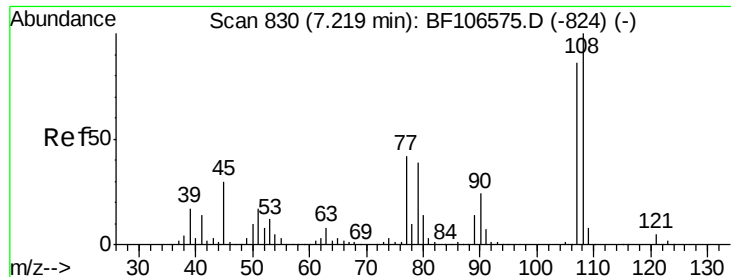
Ion Ratio Lower Upper

45 100

77 35.9 0.0 32.9#

79 31.8 0.0 29.6#





#17

2-Methylphenol

Concen: 40.213 ng

RT: 7.20 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

Tgt Ion:107 Resp: 72787

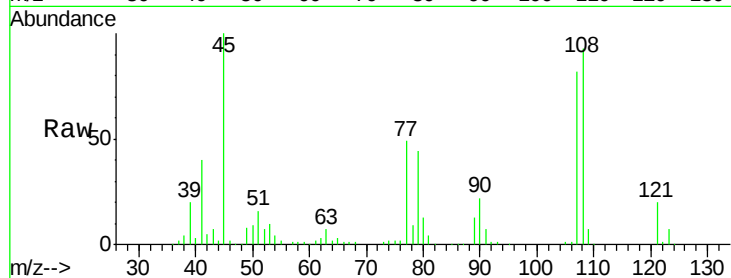
Ion Ratio Lower Upper

107 100

108 114.3 91.7 137.5

77 59.9 33.8 50.8#

79 53.5 33.8 50.8#

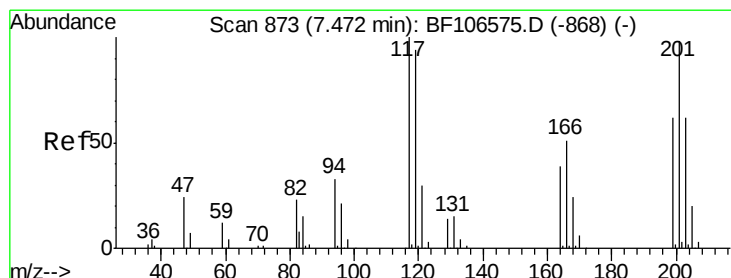
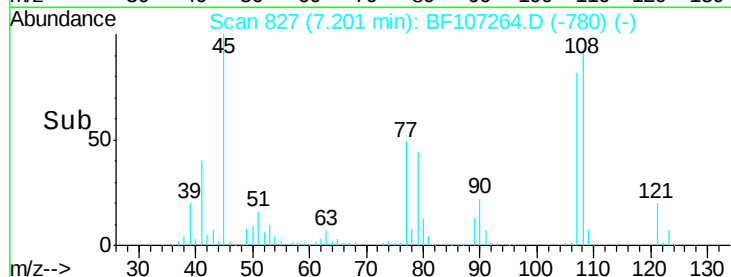
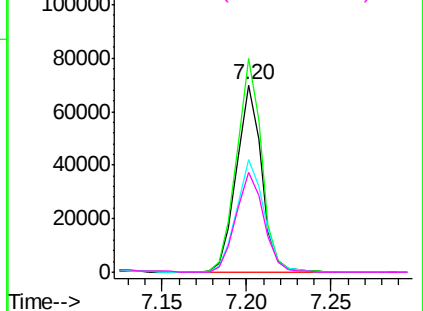


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.005 ng

RT: 7.44 min Scan# 868

Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

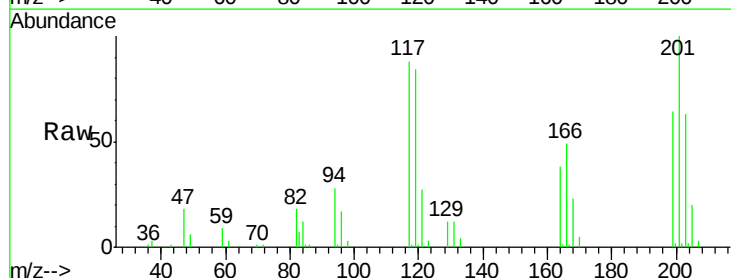
Tgt Ion:117 Resp: 35234

Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.8

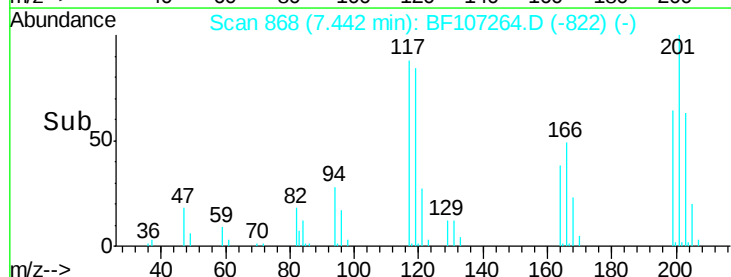
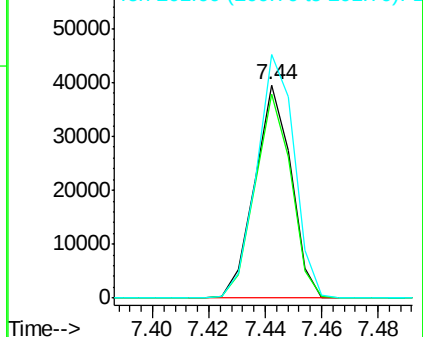
201 114.2 75.7 113.5#

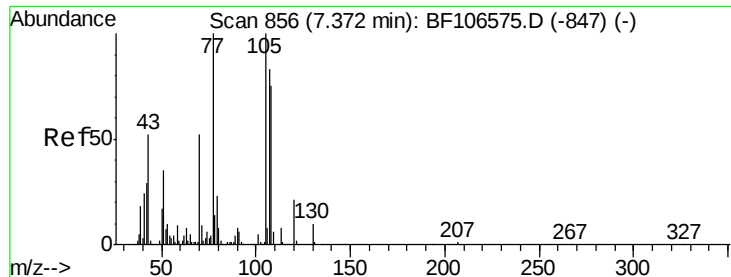


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

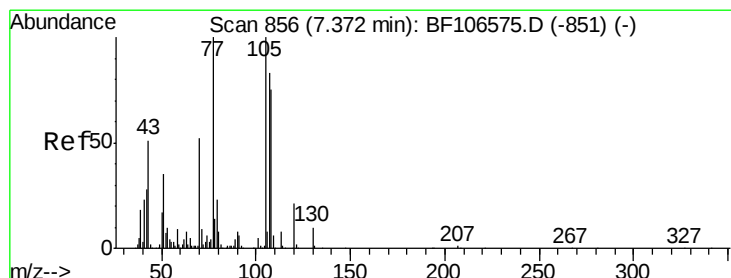
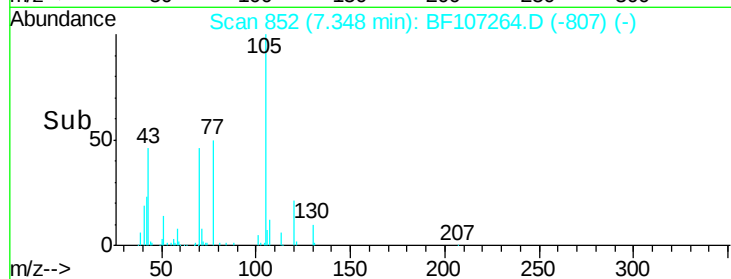
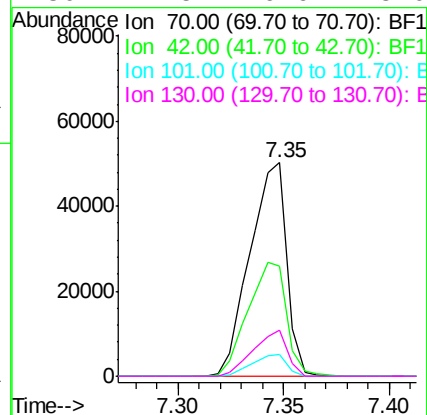
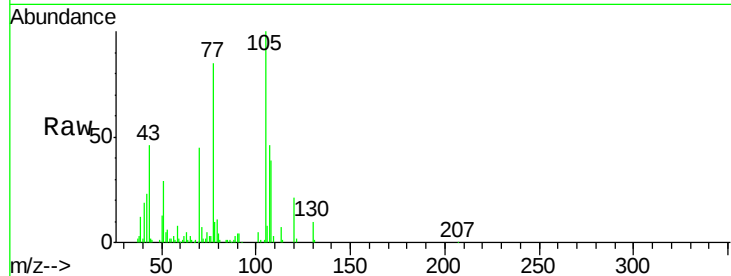




#19
n-Nitroso-di-n-propylamine
Concen: 38.299 ng
RT: 7.35 min Scan# 852
Delta R.T. -0.04 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

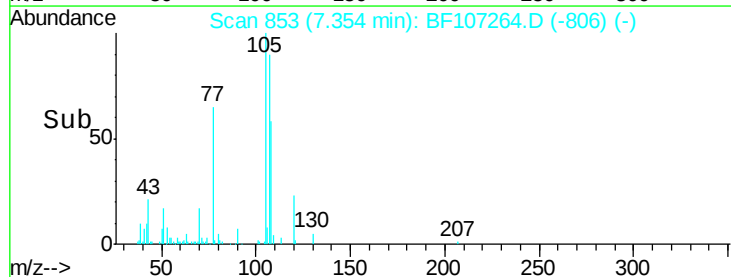
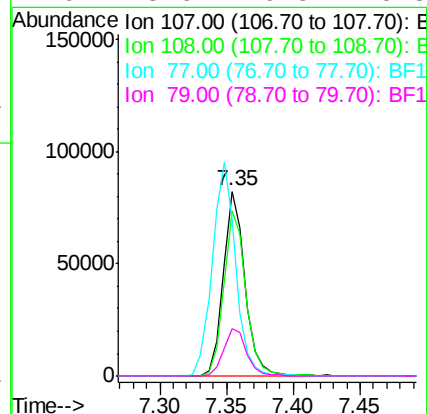
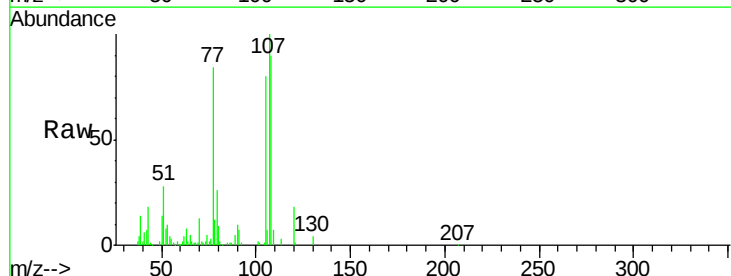
Instrument :
BNA_F
ClientSampleId :
PB110879BS

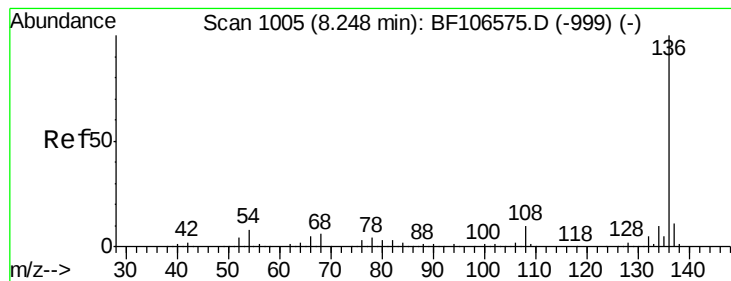
Tgt Ion:	70	Resp:	60796
Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	10.2	7.4	11.2
130	21.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 49.939 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion:	107	Resp:	94586
Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.2	108.2
77	84.5	26.7	66.7#
79	25.6	6.3	46.3

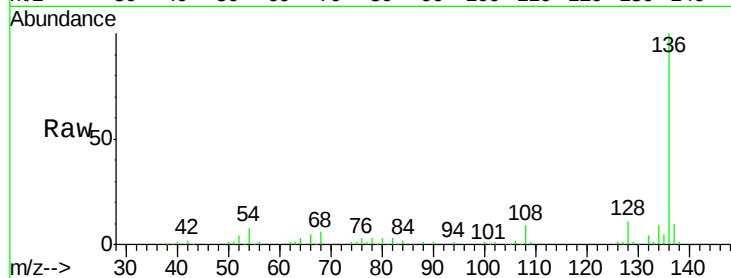




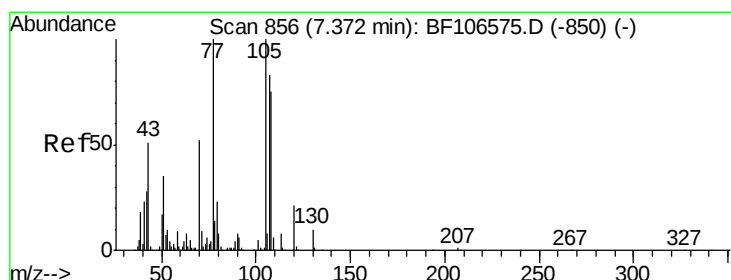
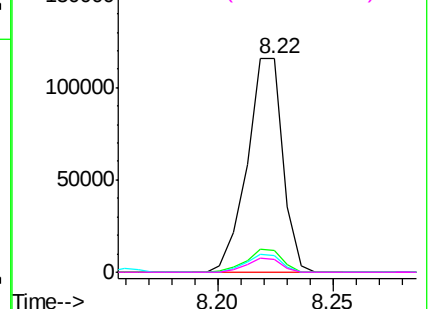
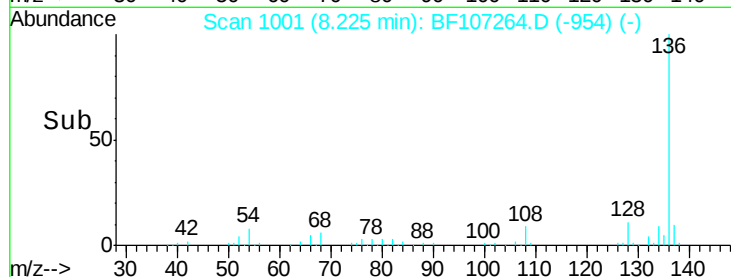
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:	136	Resp:	124807
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.6	6.6	9.8
68	5.9	5.0	7.4

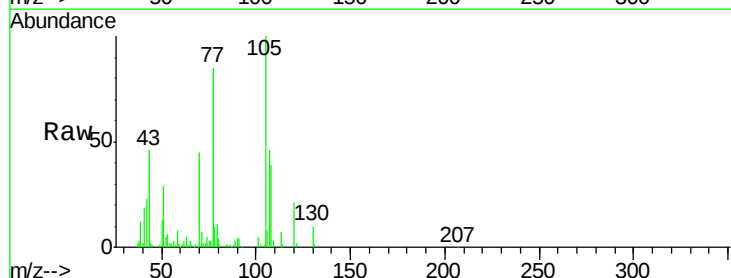


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

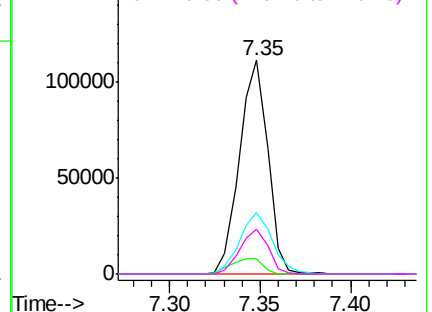
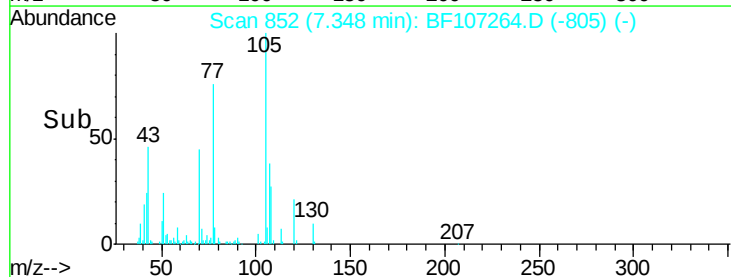


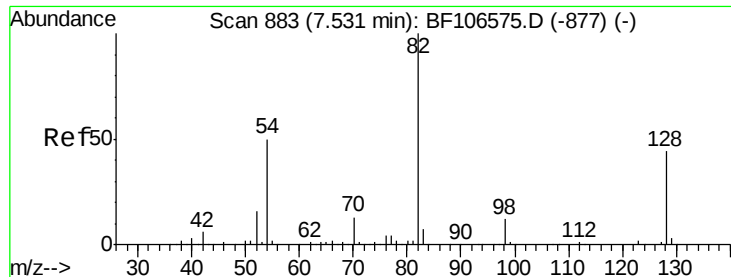
#22
Acetophenone
Concen: 43.333 ng
RT: 7.35 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion:	105	Resp:	120996
Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.4	6.6#
51	28.6	22.3	33.5
120	20.9	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

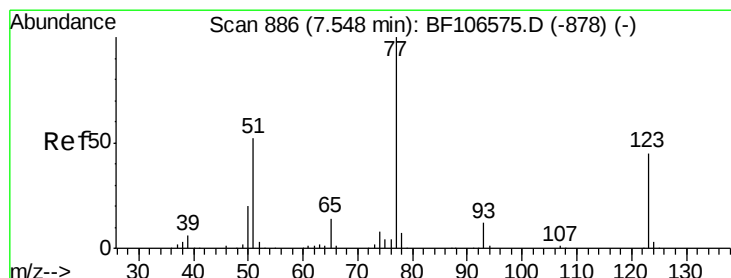
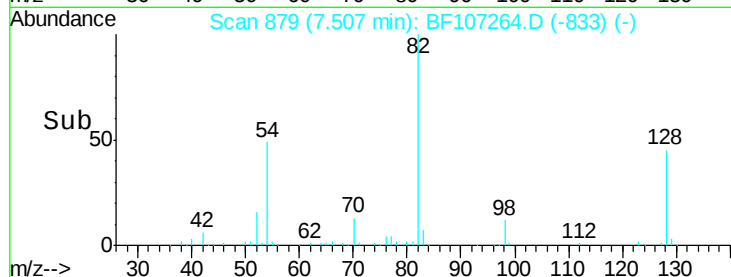
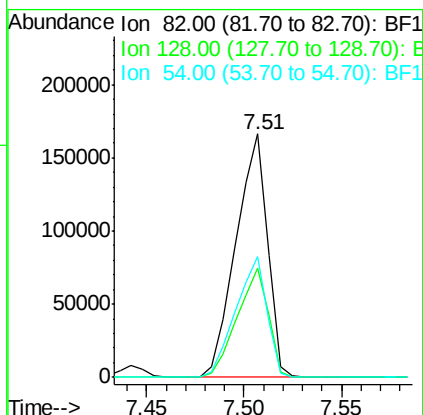
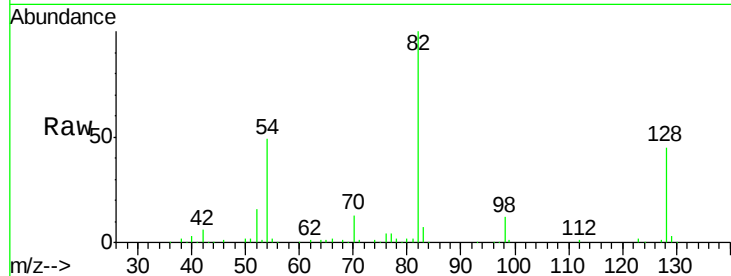




#23
Nitrobenzene-d5
Concen: 82.953 ng
RT: 7.51 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

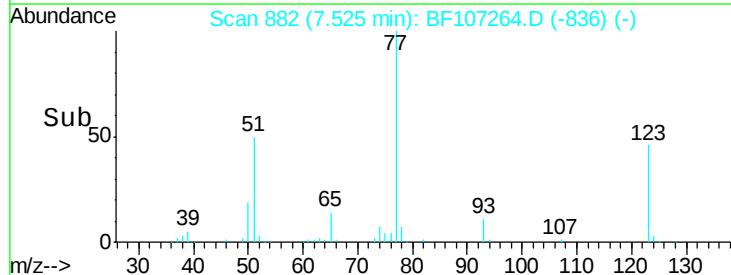
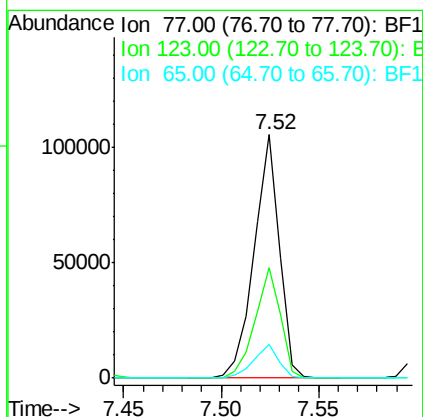
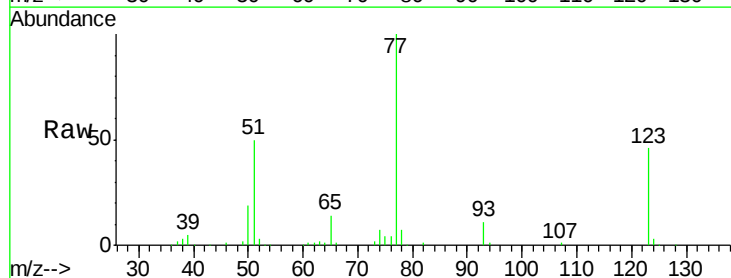
Instrument :
BNA_F
ClientSampleId :
PB110879BS

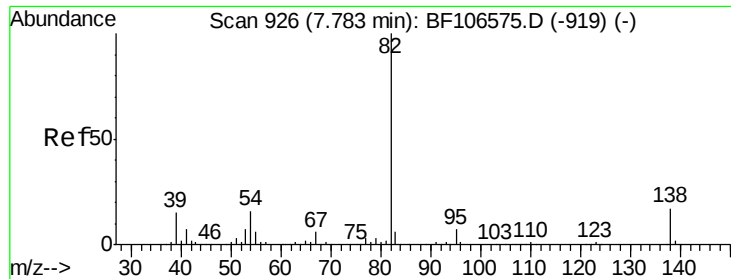
Tgt Ion: 82 Resp: 186295
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 49.4 41.4 62.2



#24
Nitrobenzene
Concen: 41.275 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion: 77 Resp: 94638
Ion Ratio Lower Upper
77 100
123 45.6 37.9 56.9
65 13.6 11.0 16.4

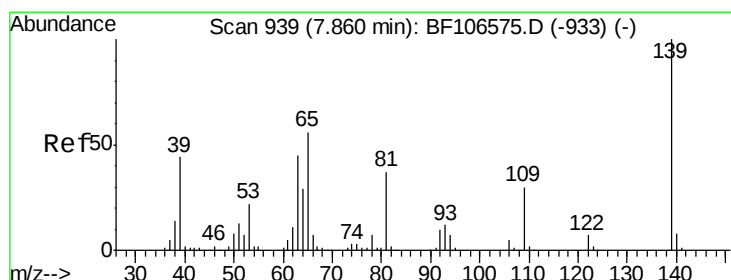
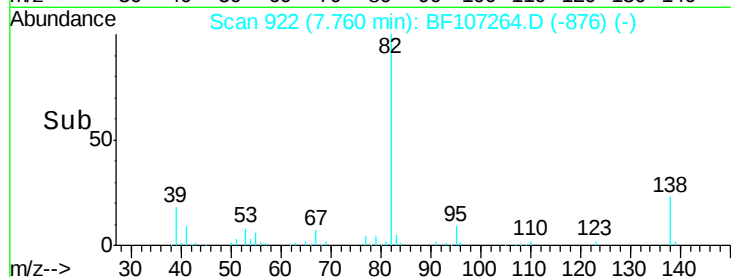
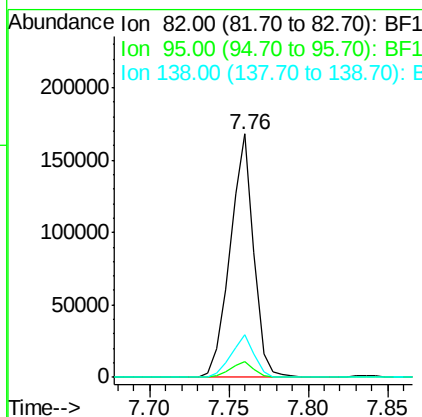
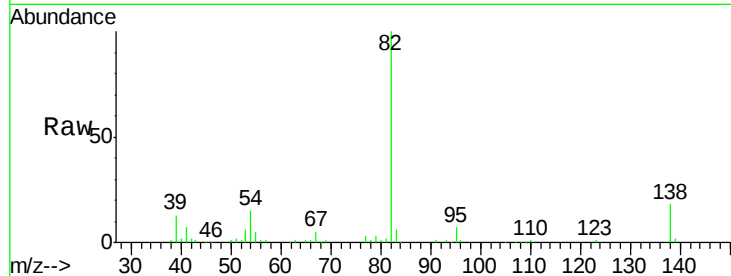




#25
Isophorone
Concen: 43.520 ng
RT: 7.76 min Scan# 922
Delta R.T. -0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

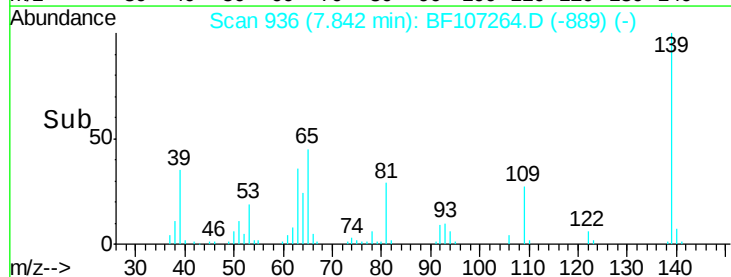
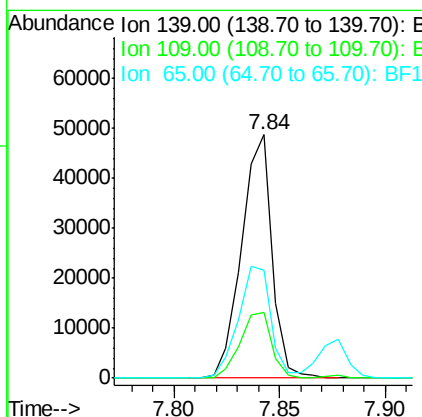
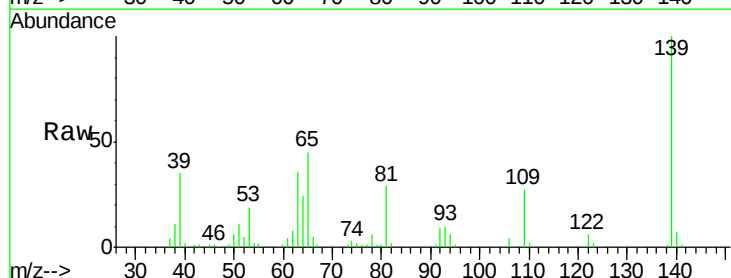
Instrument :
BNA_F
ClientSampleId :
PB110879BS

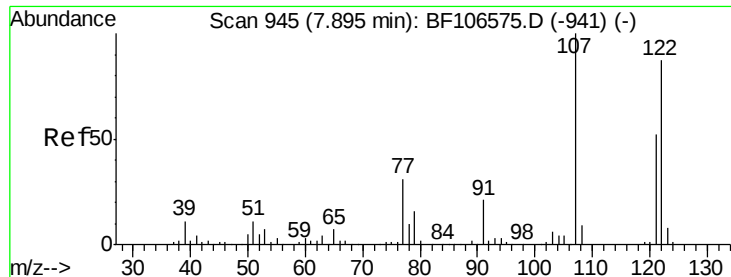
Tgt Ion: 82 Resp: 172229
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.5 14.9 22.3



#26
2-Nitrophenol
Concen: 44.825 ng
RT: 7.84 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion: 139 Resp: 48518
Ion Ratio Lower Upper
139 100
109 26.8 22.7 34.1
65 44.5 40.5 60.7

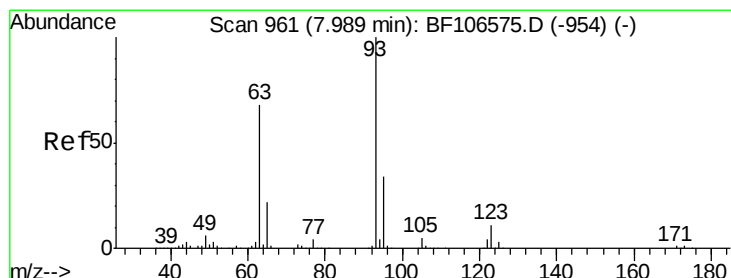
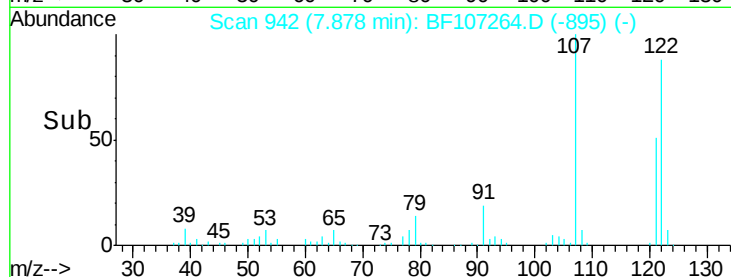
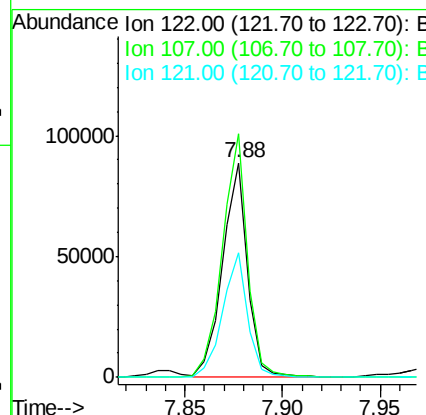
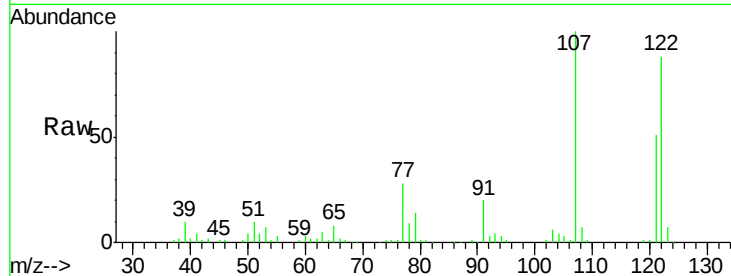




#27
 2,4-Dimethylphenol
 Concen: 47.020 ng
 RT: 7.88 min Scan# 942
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

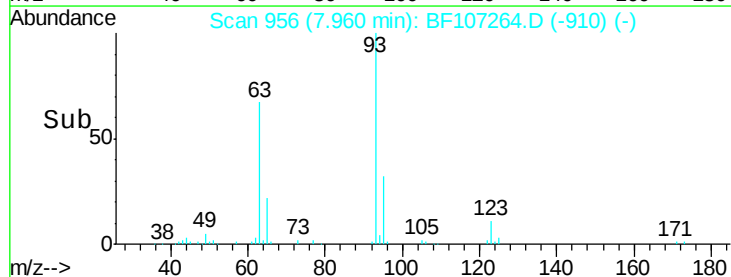
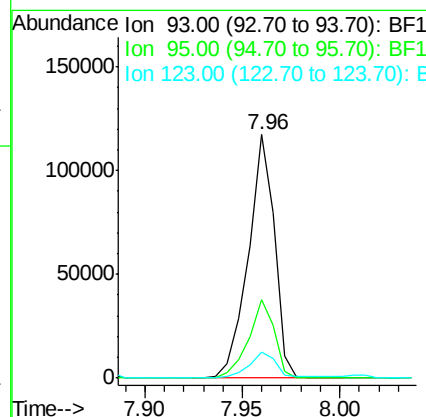
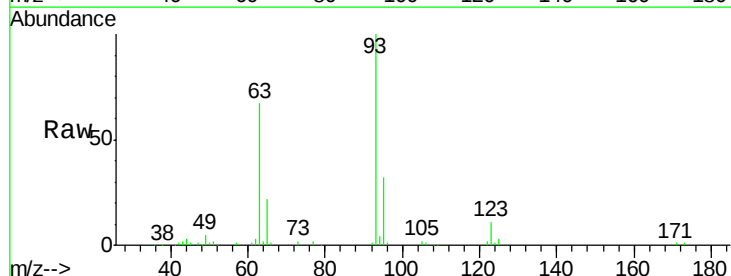
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

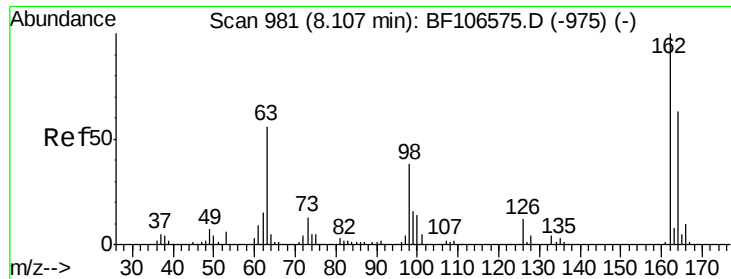
Tgt Ion:122 Resp: 78664
 Ion Ratio Lower Upper
 122 100
 107 113.7 91.2 136.8
 121 58.2 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.089 ng
 RT: 7.96 min Scan# 956
 Delta R.T. -0.03 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion: 93 Resp: 109178
 Ion Ratio Lower Upper
 93 100
 95 32.0 26.3 39.5
 123 10.5 9.8 14.6

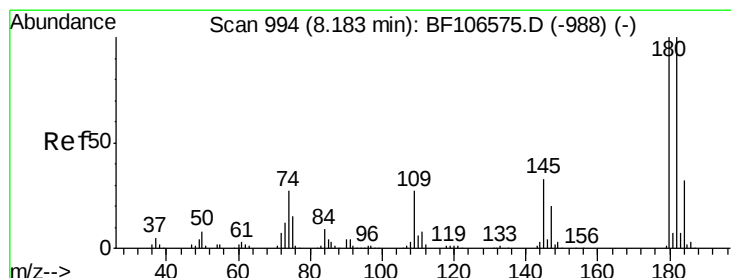
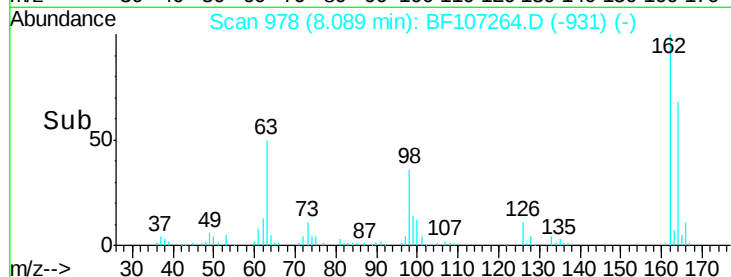
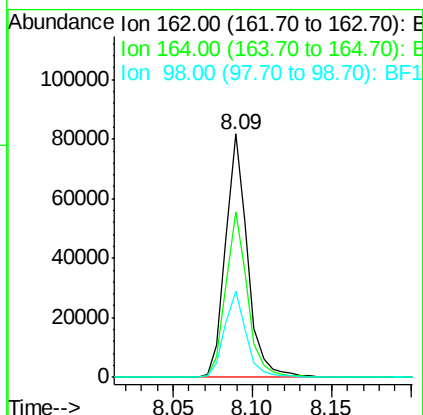
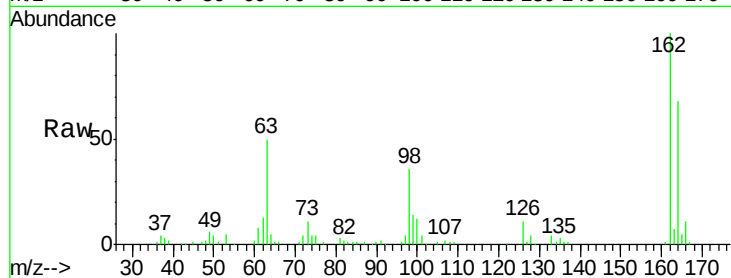




#29
2,4-Dichlorophenol
Concen: 44.812 ng
RT: 8.09 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

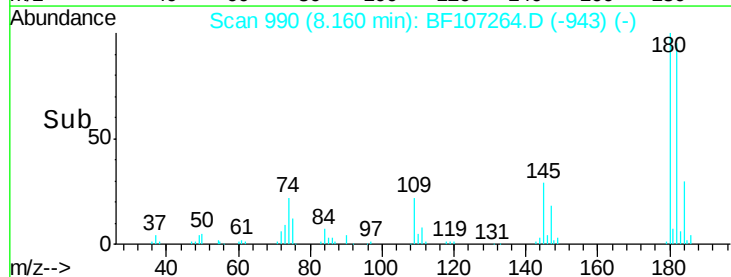
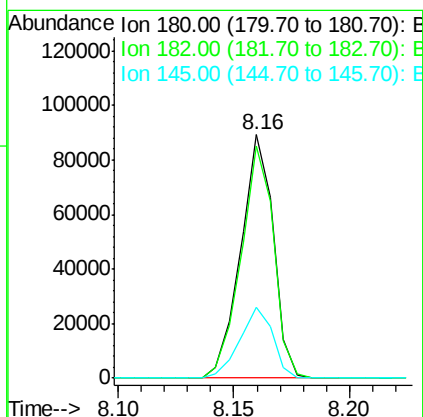
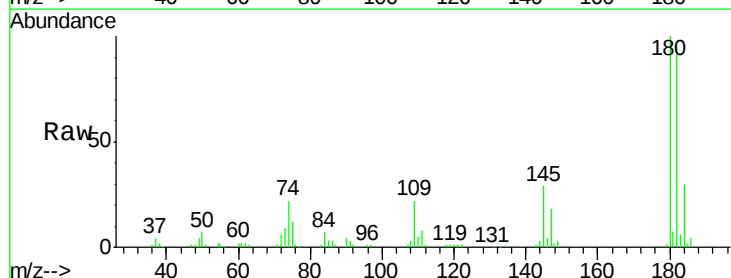
Instrument :
BNA_F
ClientSampleId :
PB110879BS

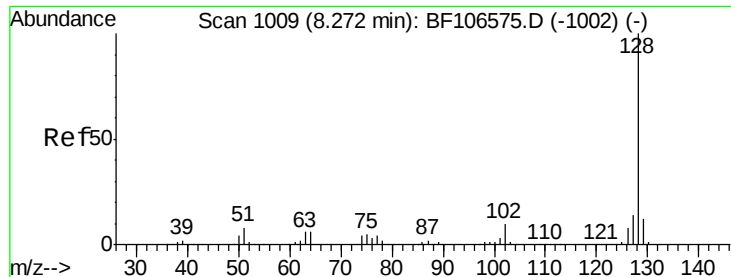
Tgt Ion:162 Resp: 78489
Ion Ratio Lower Upper
162 100
164 67.7 42.7 82.7
98 35.6 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 45.725 ng
RT: 8.16 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion:180 Resp: 88226
Ion Ratio Lower Upper
180 100
182 95.4 76.8 115.2
145 29.0 26.5 39.7

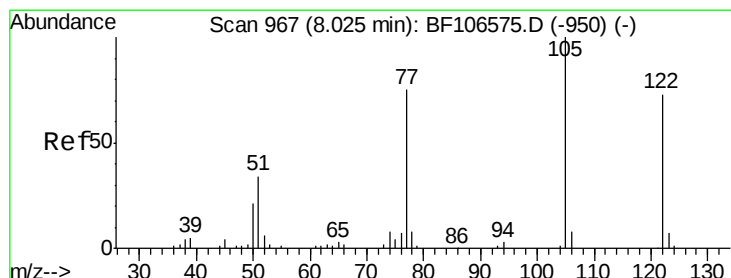
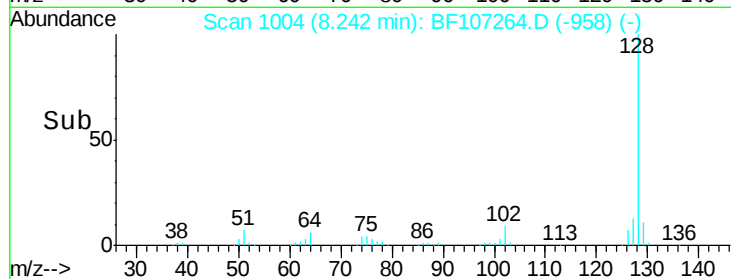
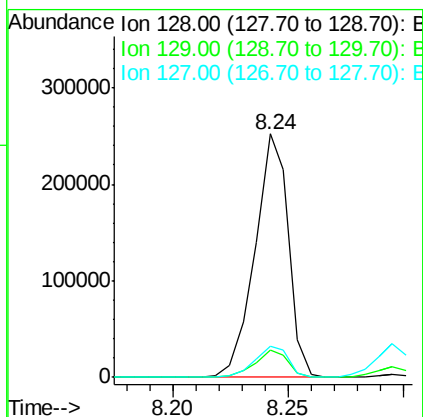
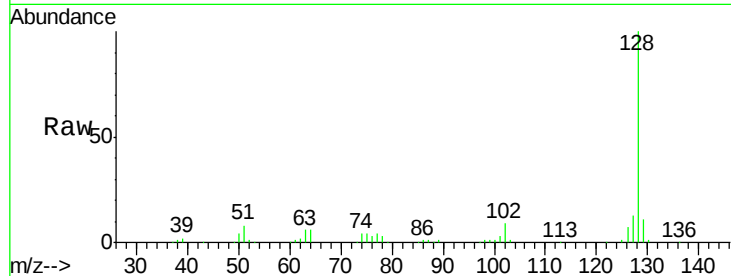




#31
Naphthalene
Concen: 43.688 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

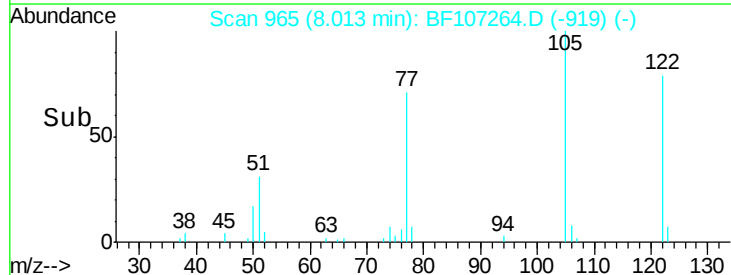
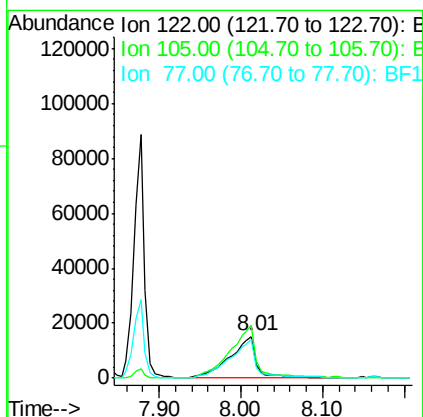
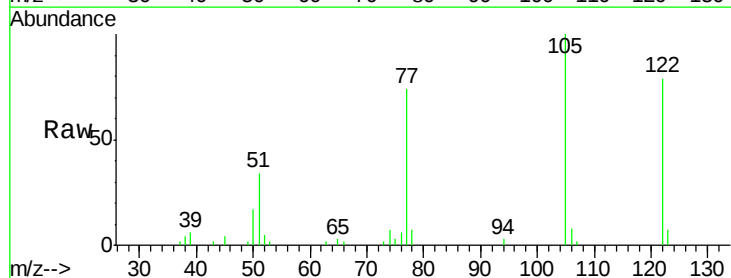
Instrument :
BNA_F
ClientSampleId :
PB110879BS

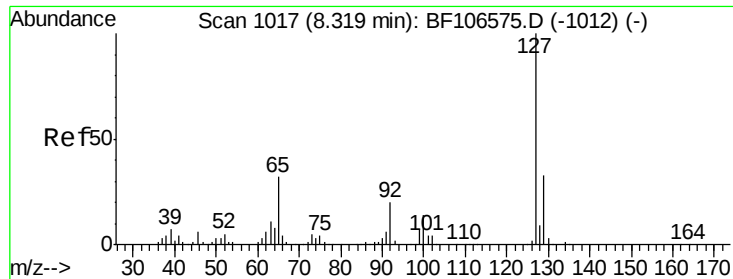
Tgt Ion:128 Resp: 254925
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 12.8 10.9 16.3



#32
Benzoic acid
Concen: 31.114 ng
RT: 8.01 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion:122 Resp: 35077
Ion Ratio Lower Upper
122 100
105 127.3 101.1 141.1
77 94.2 70.7 110.7

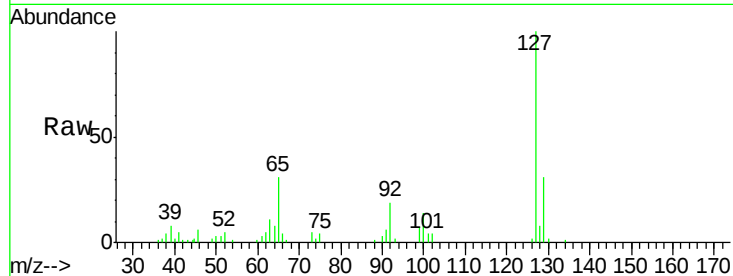




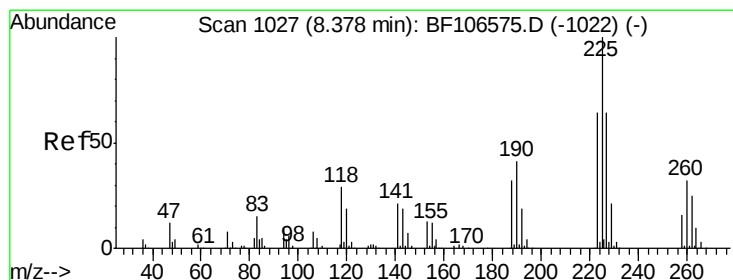
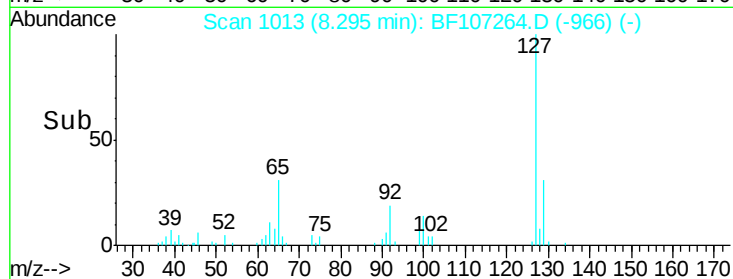
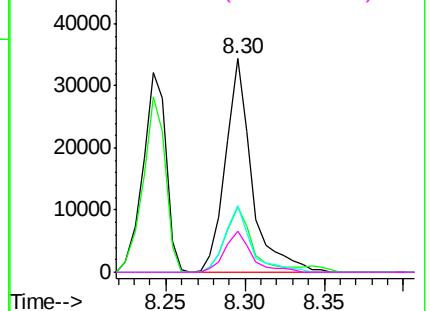
#33
 4-Chloroaniline
 Concen: 16.235 ng
 RT: 8.30 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion:	127	Resp:	39750
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.9	38.9
65	31.2	25.0	37.4
92	19.3	15.2	22.8

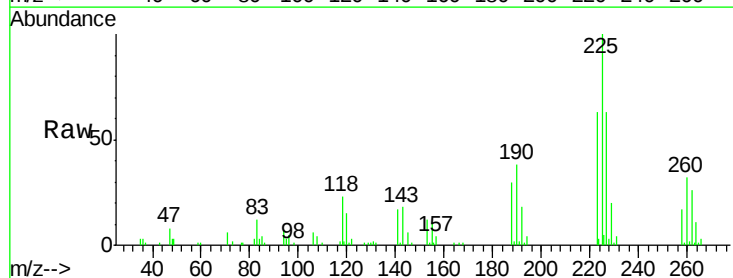


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

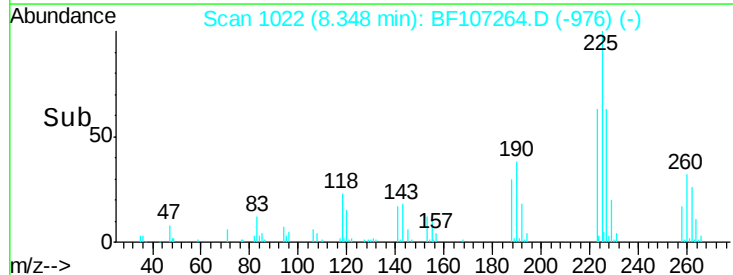
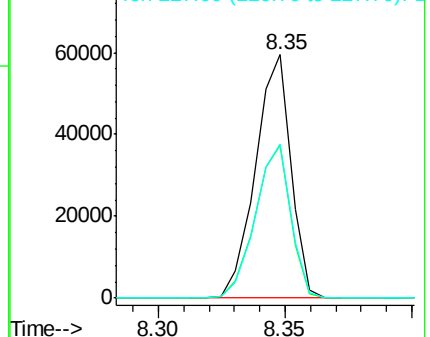


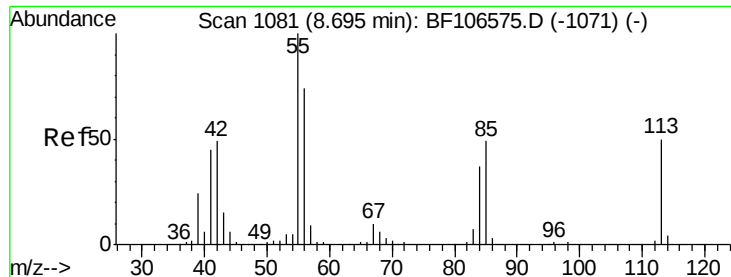
#34
 Hexachlorobutadiene
 Concen: 46.292 ng
 RT: 8.35 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion:	225	Resp:	58201
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	63.2	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

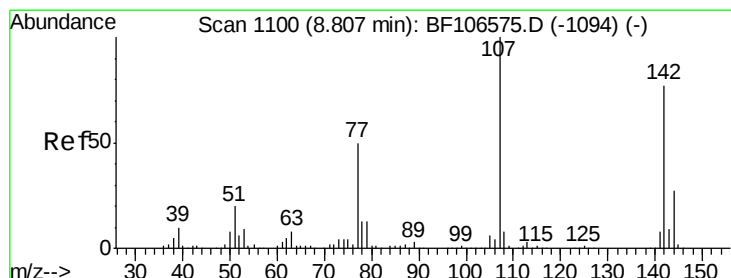
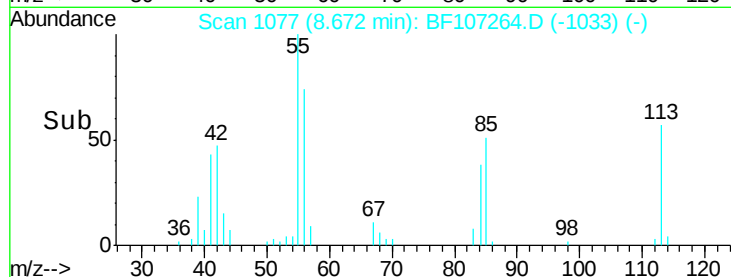
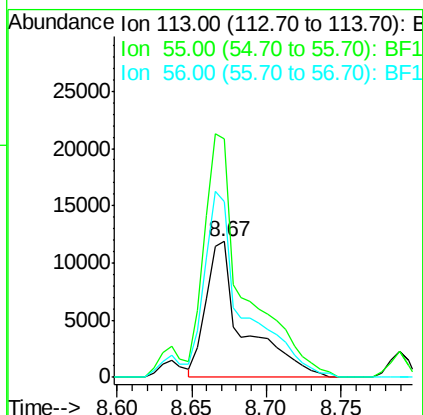
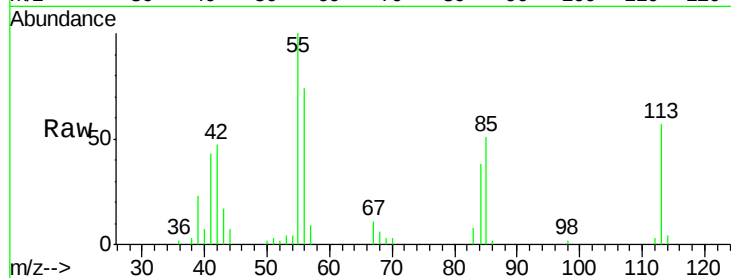




#35
 Caprolactam
 Concen: 36.697 ng
 RT: 8.67 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

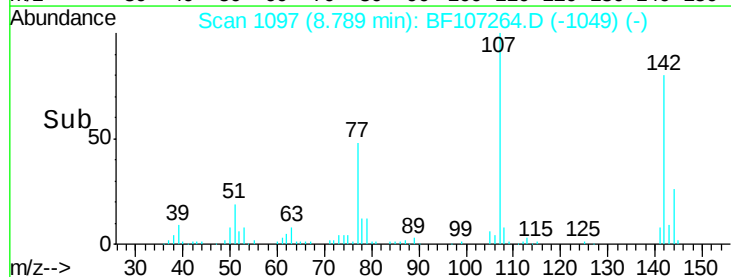
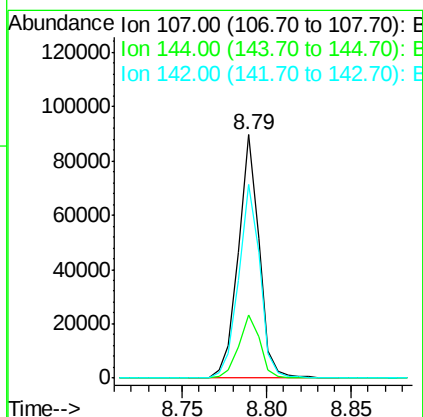
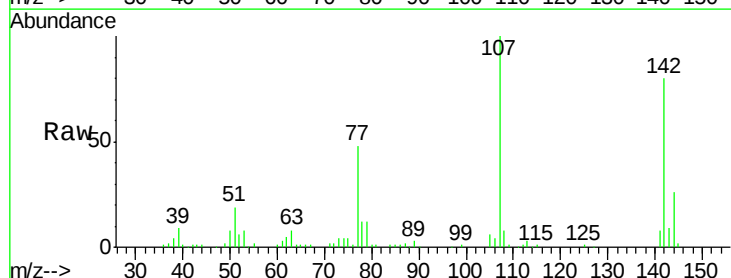
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

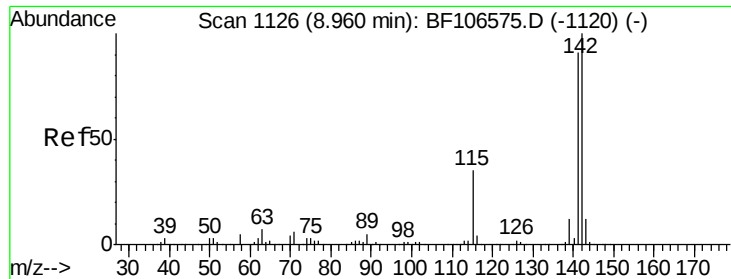
Tgt Ion:113 Resp: 20952
 Ion Ratio Lower Upper
 113 100
 55 175.4 163.3 203.3
 56 129.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 41.706 ng
 RT: 8.79 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion:107 Resp: 76889
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 79.6 62.0 93.0

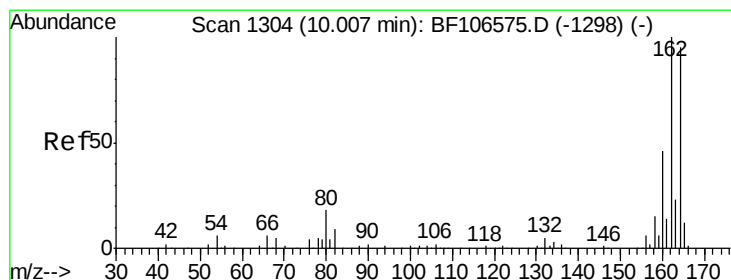
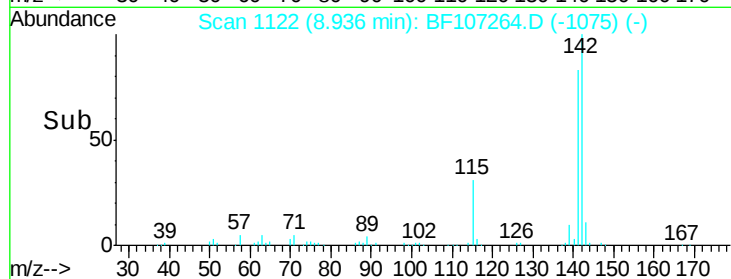
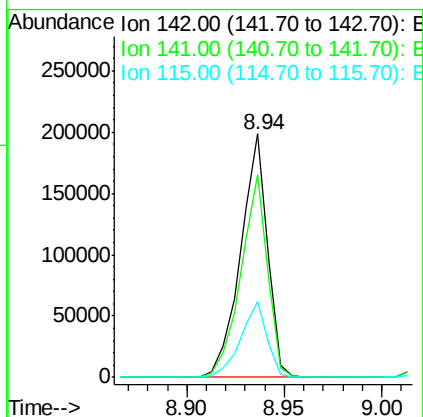
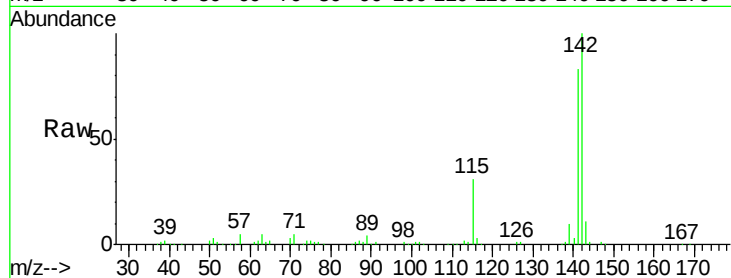




#37
 2-Methylnaphthalene
 Concen: 48.721 ng
 RT: 8.94 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

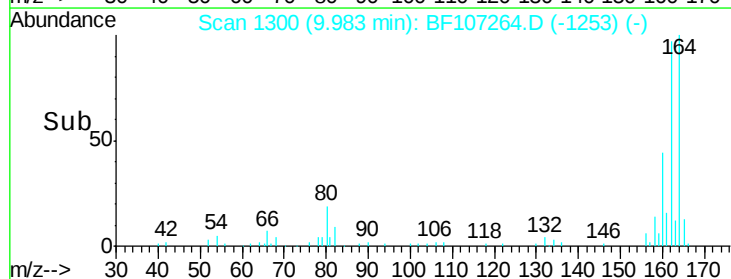
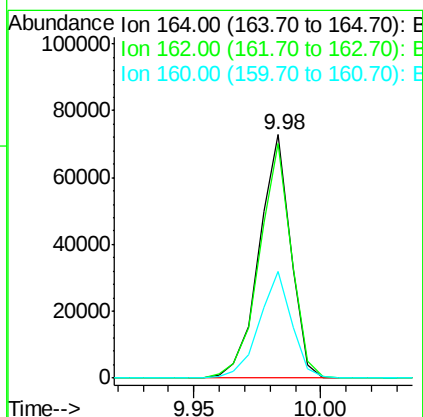
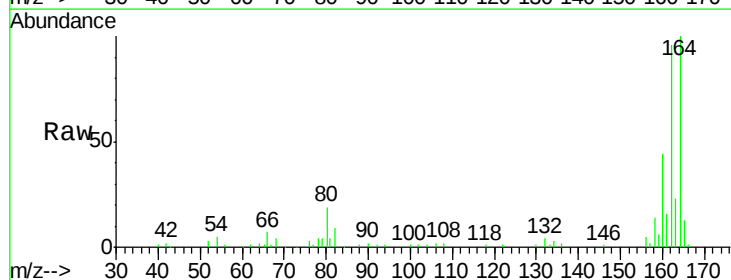
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

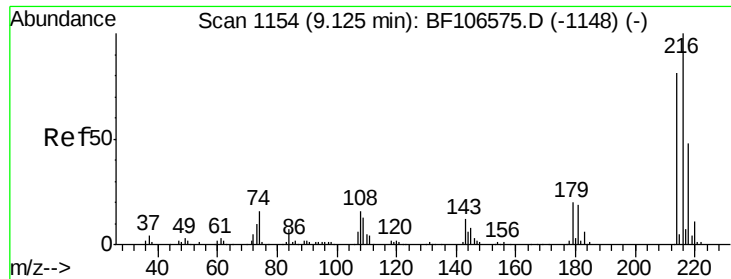
Tgt Ion:142 Resp: 188434
 Ion Ratio Lower Upper
 142 100
 141 83.2 70.8 106.2
 115 31.3 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion:164 Resp: 63445
 Ion Ratio Lower Upper
 164 100
 162 96.4 86.1 129.1
 160 44.0 38.3 57.5

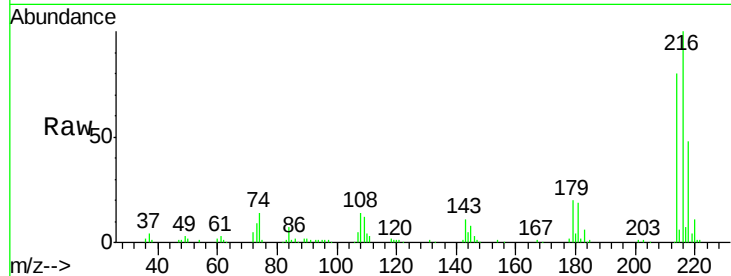




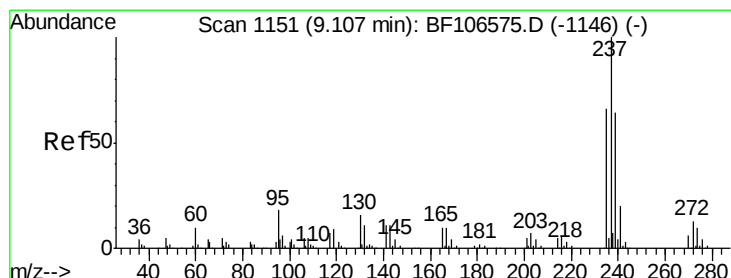
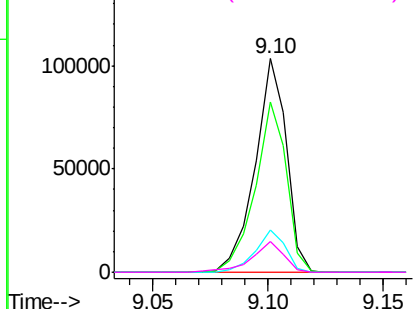
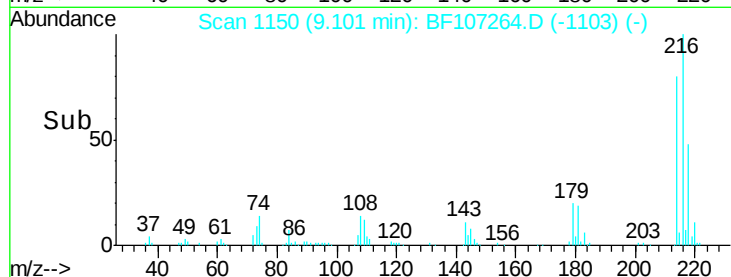
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.988 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion:	216	Resp:	98259
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	19.0	18.1	27.1
108	14.9	17.2	25.8#

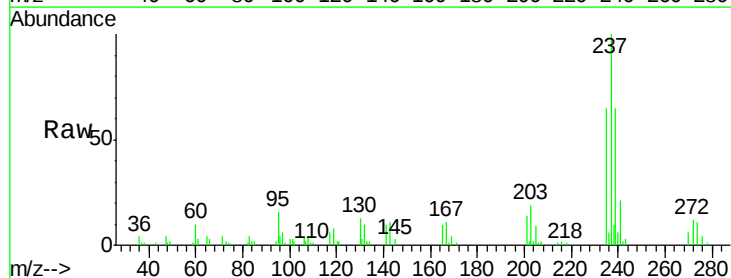


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

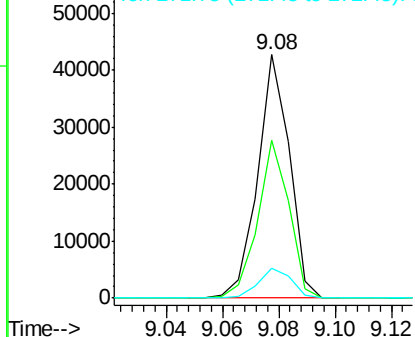
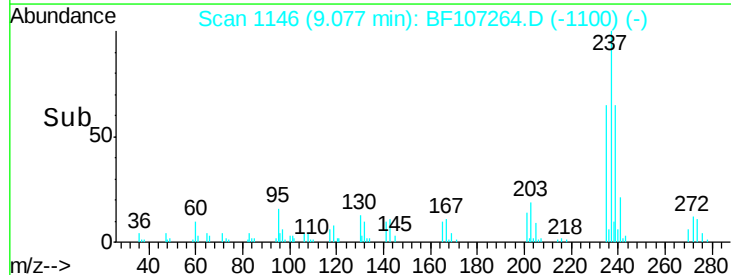


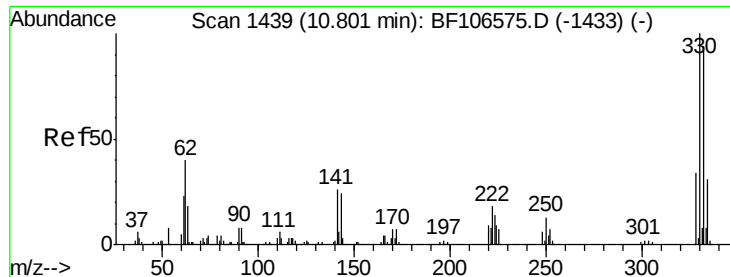
#40
 Hexachlorocyclopentadiene
 Concen: 30.306 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion:	237	Resp:	33315
Ion	Ratio	Lower	Upper
237	100		
235	64.7	44.8	84.8
272	12.4	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

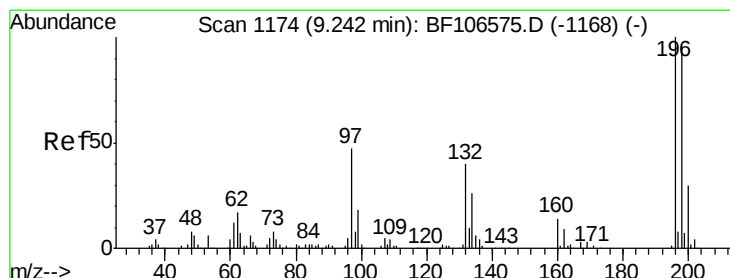
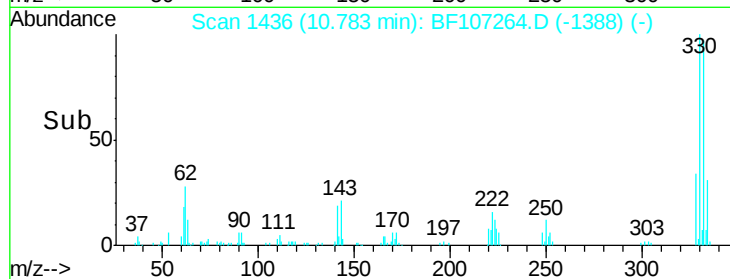
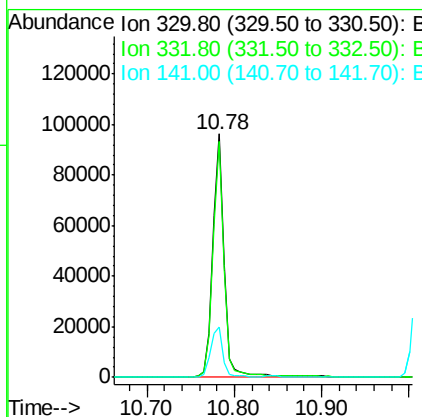
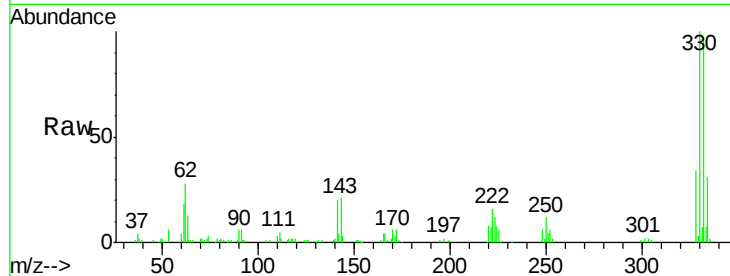




#41
 2,4,6-Tribromophenol
 Concen: 120.403 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

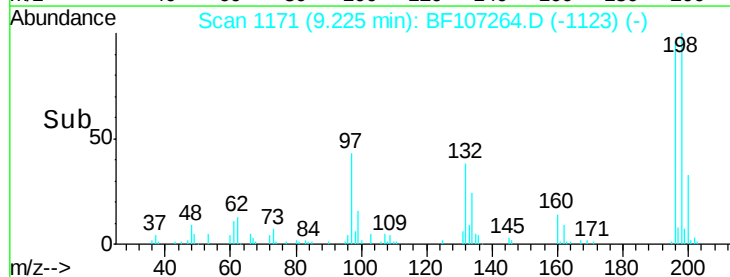
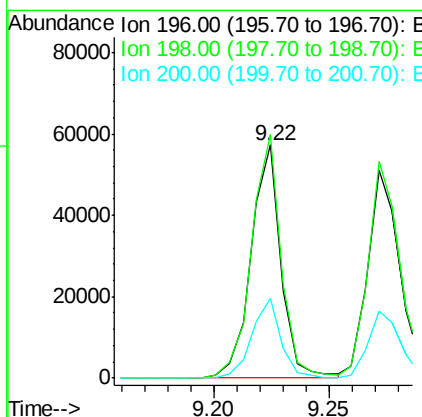
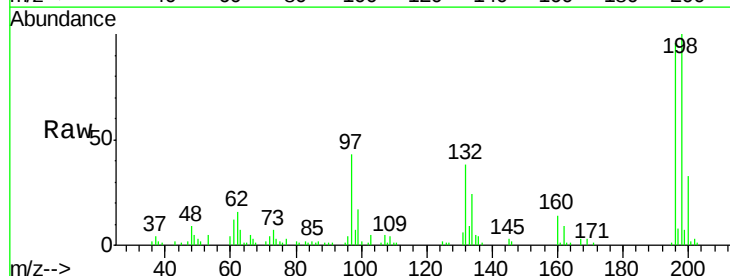
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion:330 Resp: 88538
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.0 115.6
 141 22.2 29.9 44.9#



#42
 2,4,6-Trichlorophenol
 Concen: 36.579 ng
 RT: 9.22 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion:196 Resp: 51951
 Ion Ratio Lower Upper
 196 100
 198 104.5 75.7 113.5
 200 34.2 24.5 36.7

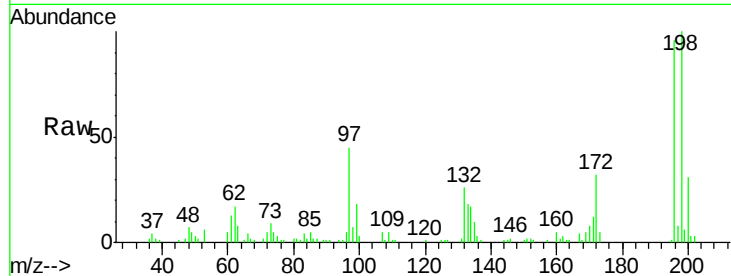




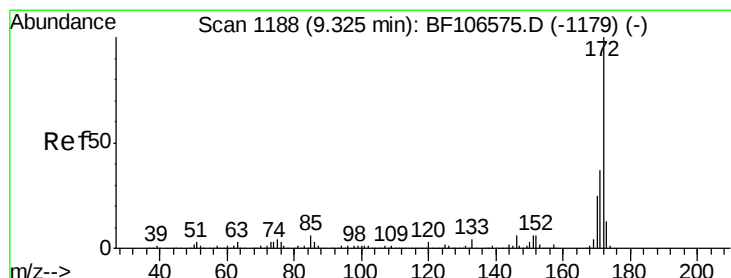
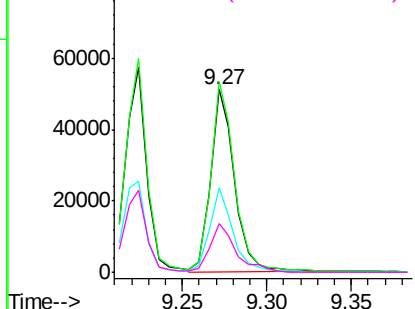
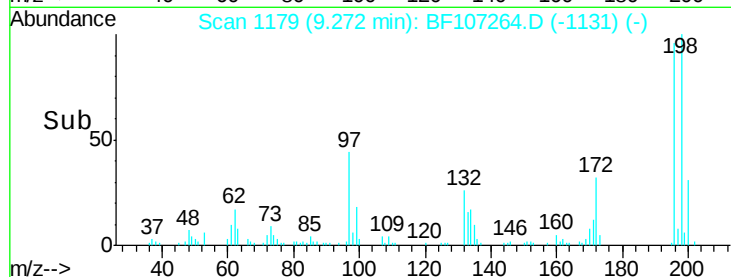
#43
 2,4,5-Trichlorophenol
 Concen: 33.851 ng
 RT: 9.27 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion:196 Resp: 50167
 Ion Ratio Lower Upper
 196 100
 198 104.2 74.6 112.0
 97 46.4 42.9 64.3
 132 26.8 26.3 39.5

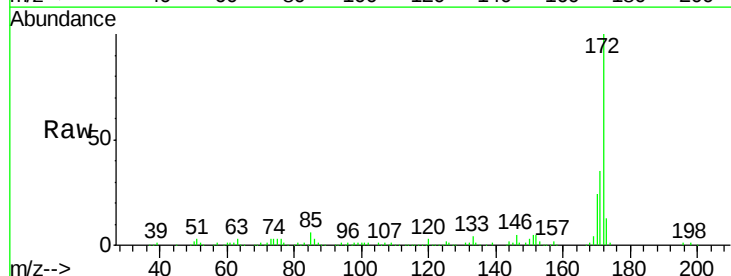


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

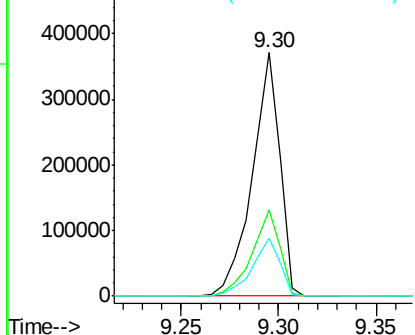
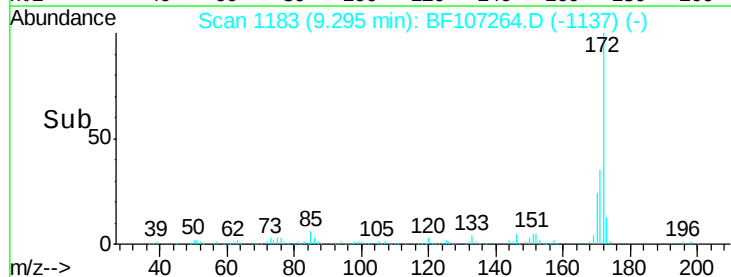


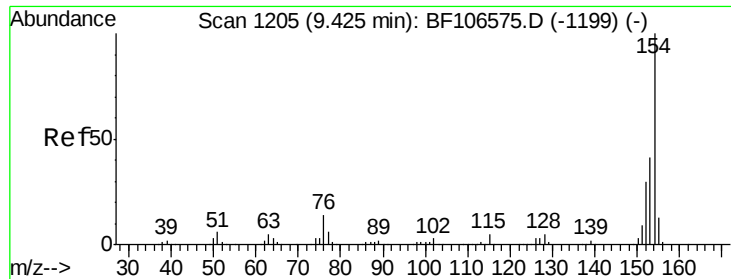
#44
 2-Fluorobiphenyl
 Concen: 99.084 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion:172 Resp: 362238
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 23.7 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

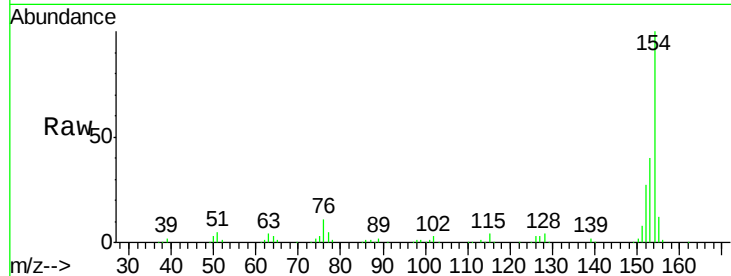




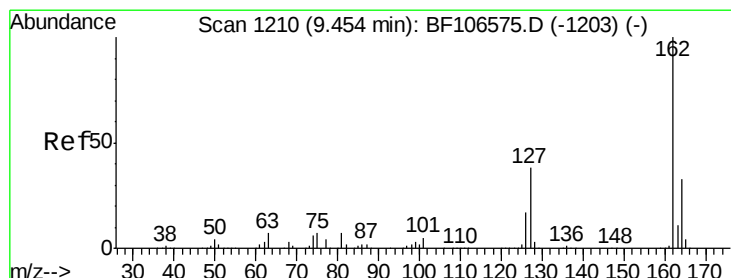
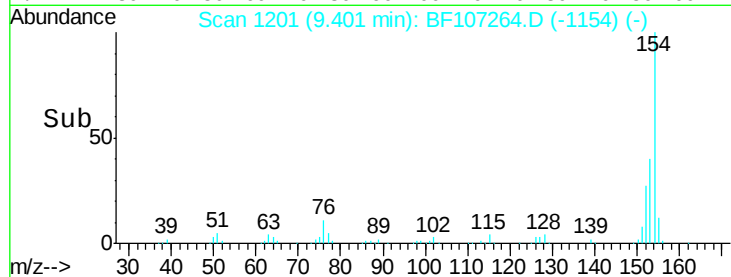
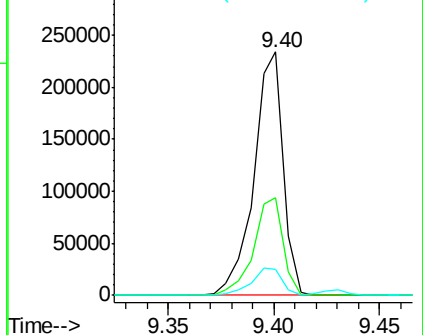
#45
1,1'-Biphenyl
Concen: 44.617 ng
RT: 9.40 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	10.7	0.0	34.0

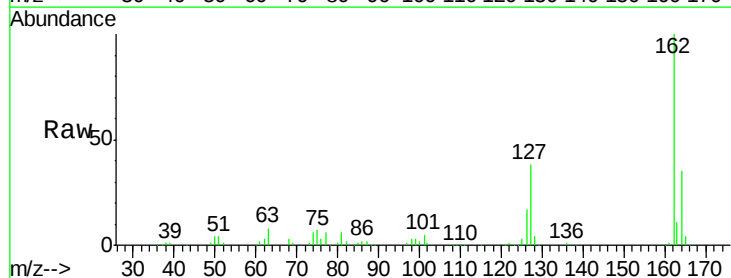


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

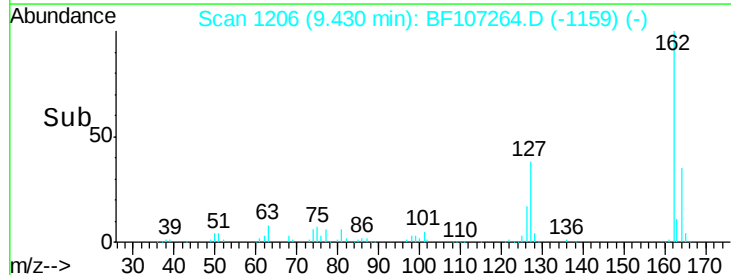
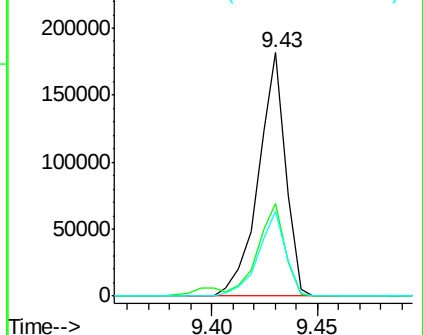


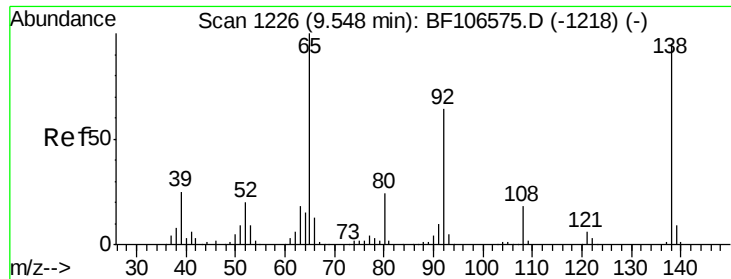
#46
2-Chloronaphthalene
Concen: 40.775 ng
RT: 9.43 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	33.9	50.9
164	34.8	26.5	39.7



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

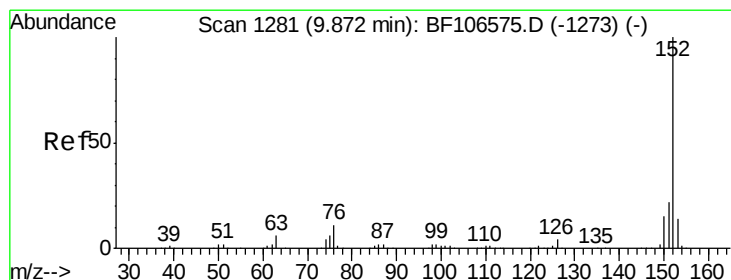
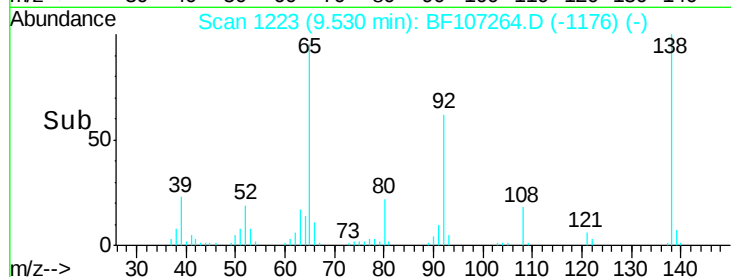
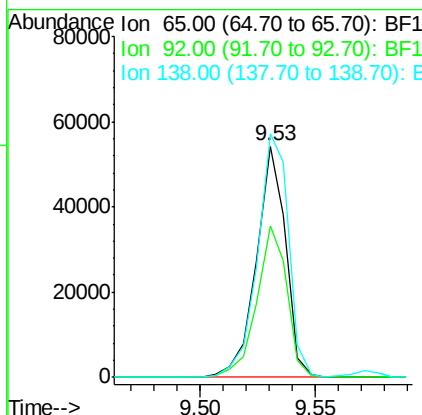
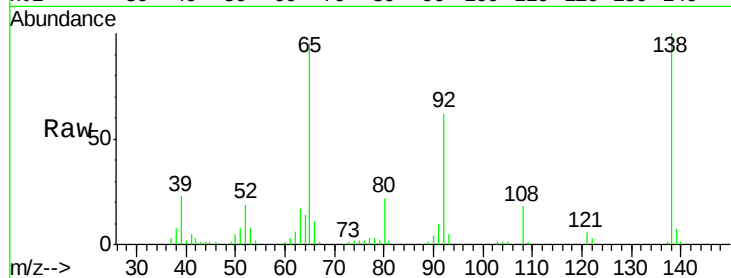




#47
2-Nitroaniline
Concen: 35.772 ng
RT: 9.53 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

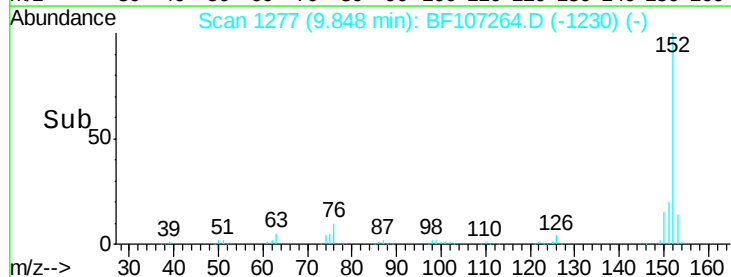
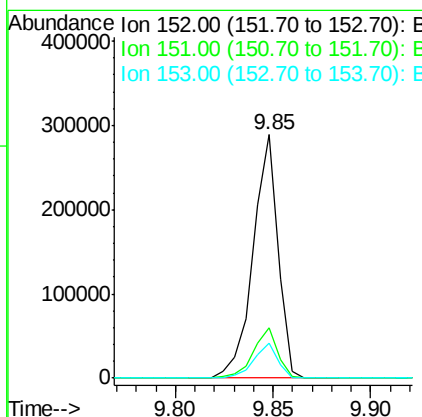
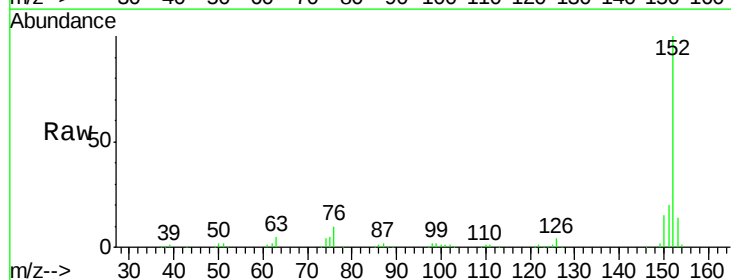
Instrument :
BNA_F
ClientSampleId :
PB110879BS

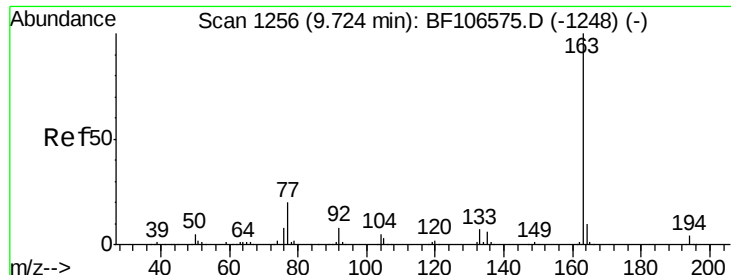
Tgt Ion: 65 Resp: 47875
Ion Ratio Lower Upper
65 100
92 65.8 55.8 83.6
138 105.4 91.2 136.8



#48
Acenaphthylene
Concen: 40.759 ng
RT: 9.85 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion: 152 Resp: 256115
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.2 10.7 16.1

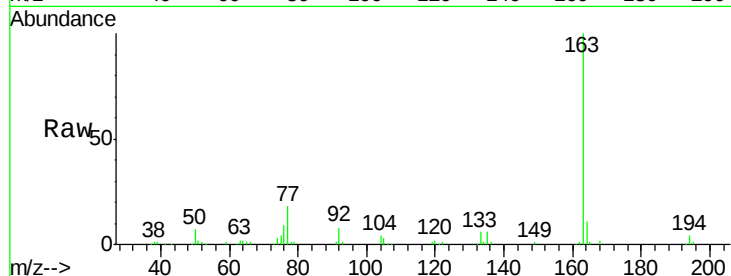




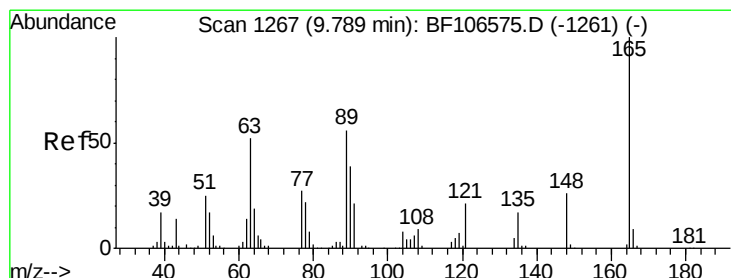
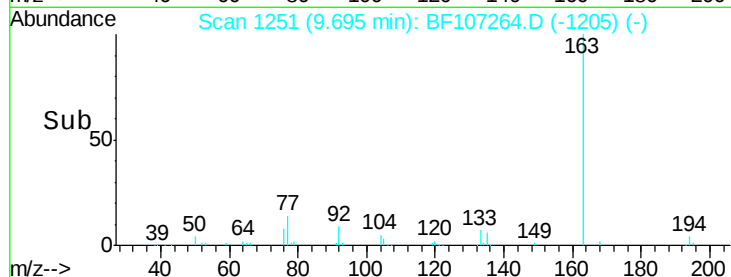
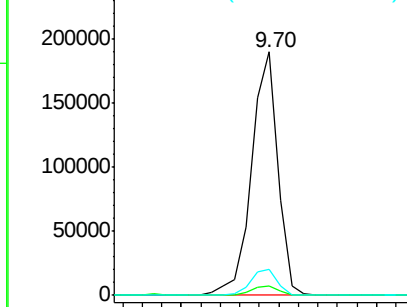
#49
Dimethylphthalate
Concen: 37.316 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:163 Resp: 177565
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.7 8.2 12.2

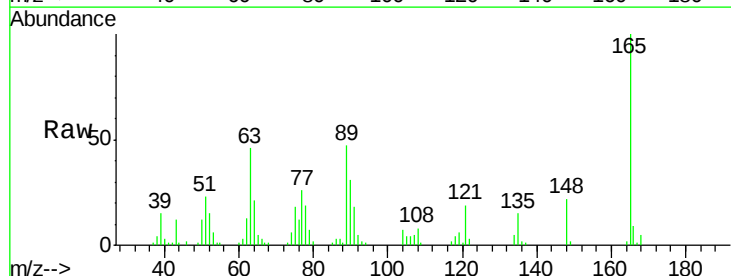


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

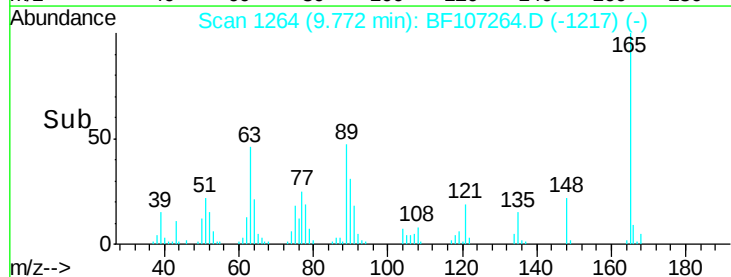
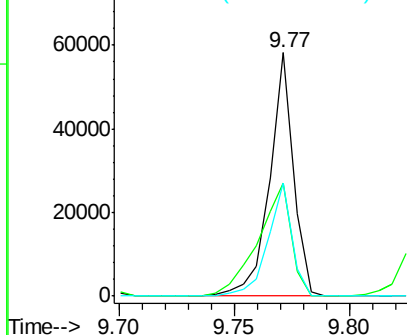


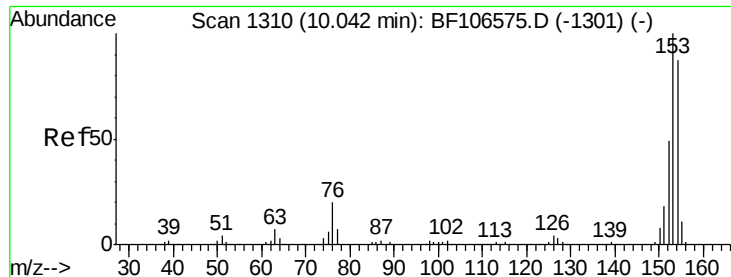
#50
2,6-Dinitrotoluene
Concen: 41.570 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion:165 Resp: 41887
Ion Ratio Lower Upper
165 100
63 46.3 44.7 67.1
89 46.6 44.0 66.0



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





#51

Acenaphthene

Concen: 39.174 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

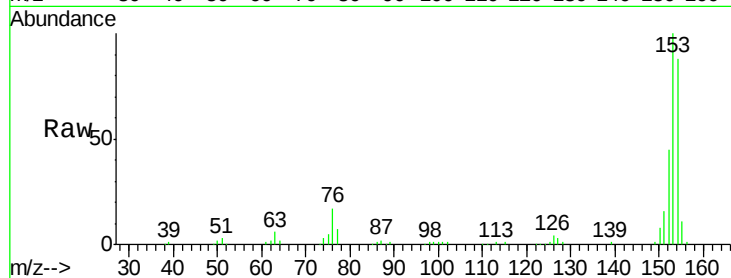
Tgt Ion:154 Resp: 155006

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

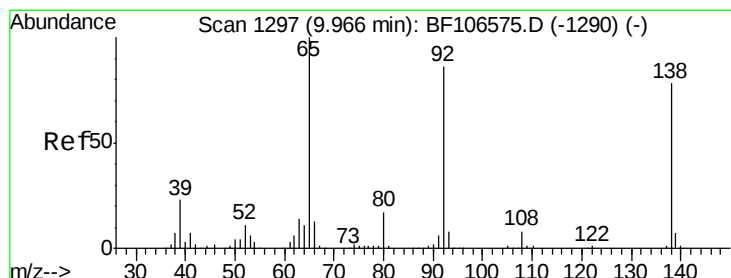
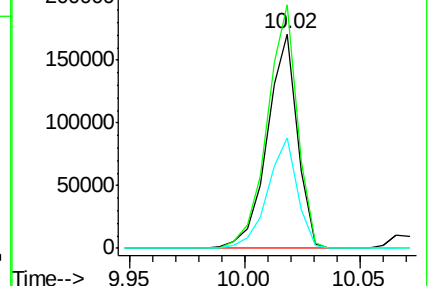
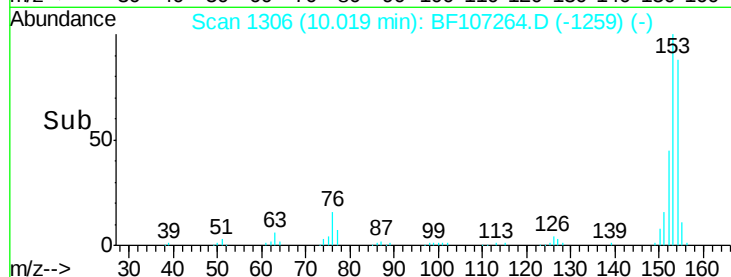
152 51.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.853 ng

RT: 9.94 min Scan# 1293

Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

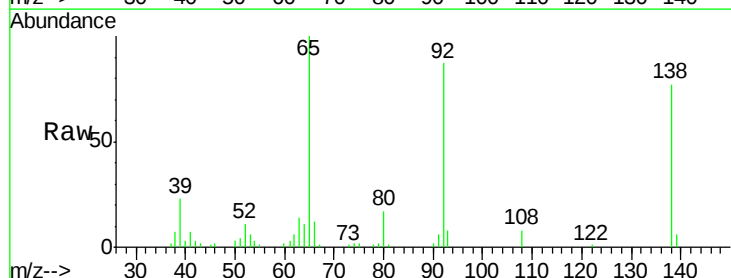
Tgt Ion:138 Resp: 21860

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

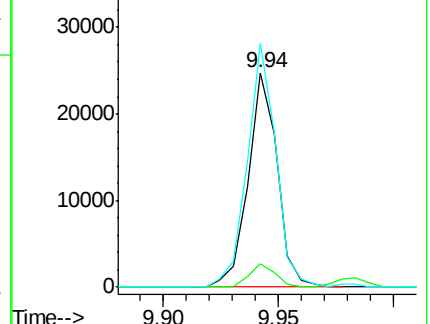
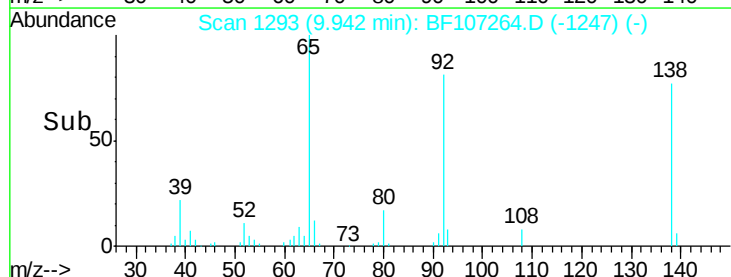
92 113.6 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

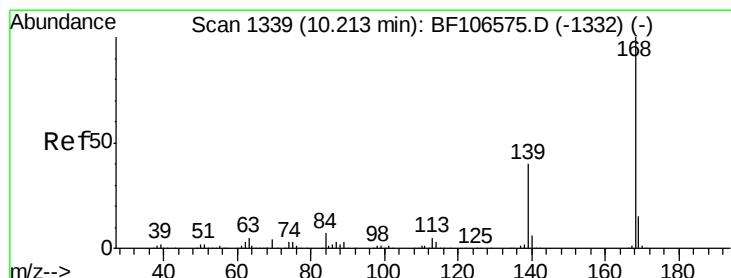
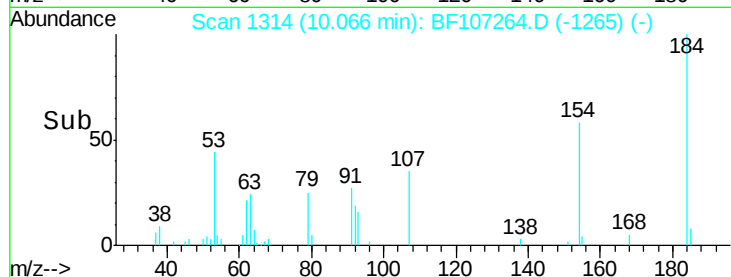
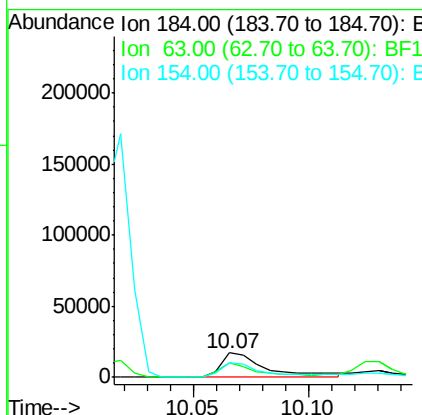
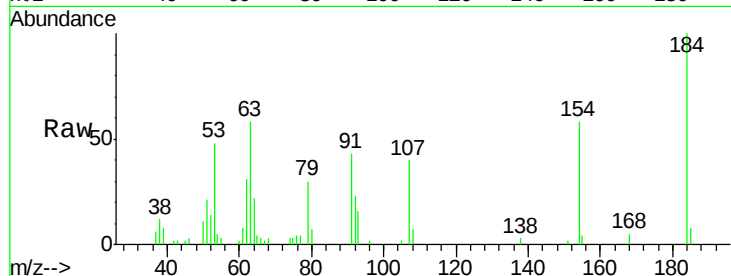




#53
 2,4-Dinitrophenol
 Concen: 46.930 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

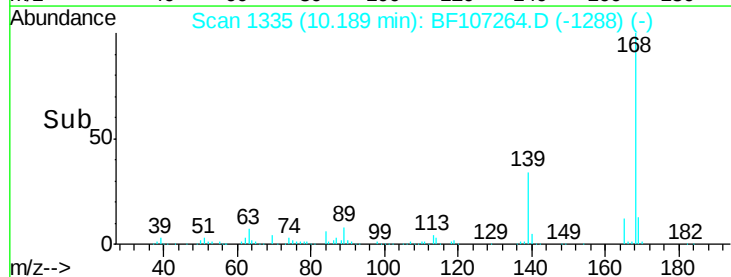
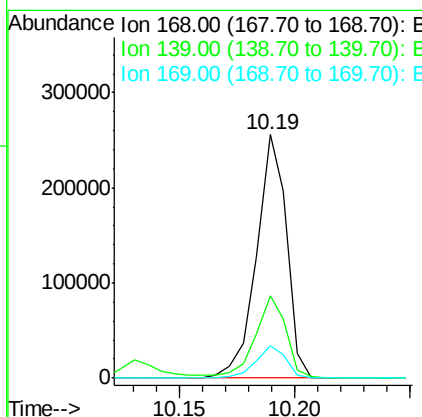
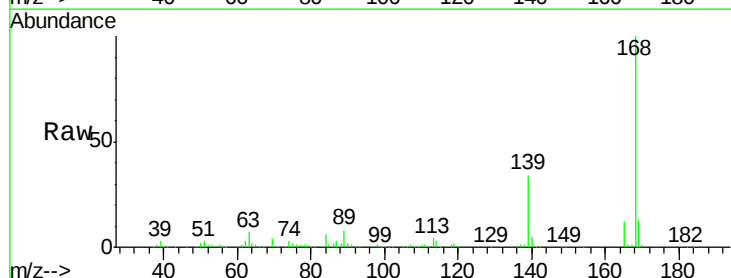
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

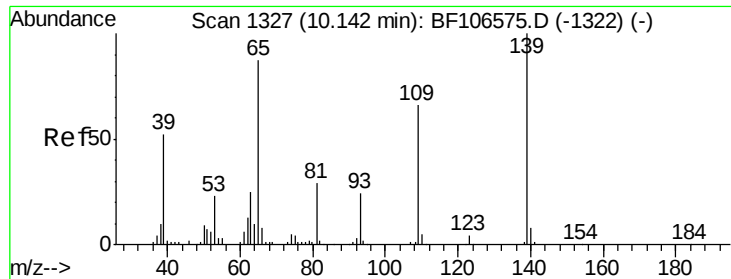
Tgt Ion:184 Resp: 23344
 Ion Ratio Lower Upper
 184 100
 63 58.4 54.2 81.2
 154 58.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 42.922 ng
 RT: 10.19 min Scan# 1335
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion:168 Resp: 232558
 Ion Ratio Lower Upper
 168 100
 139 33.9 30.1 45.1
 169 13.2 10.9 16.3

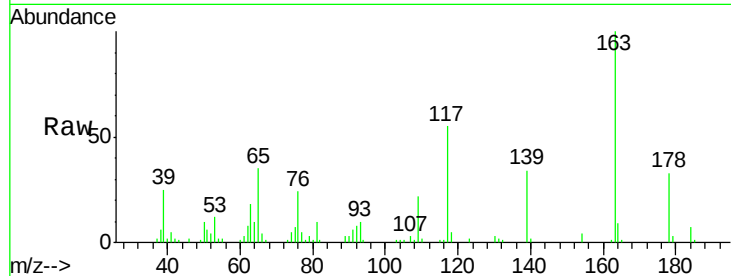




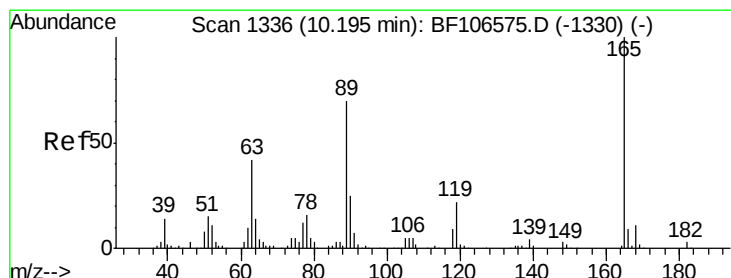
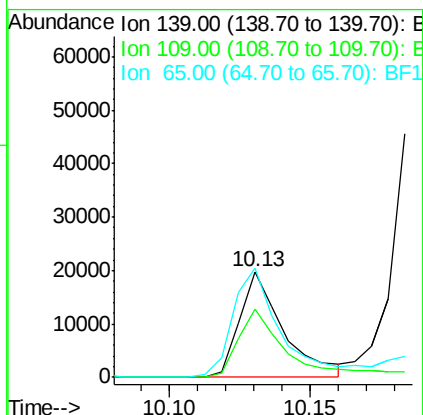
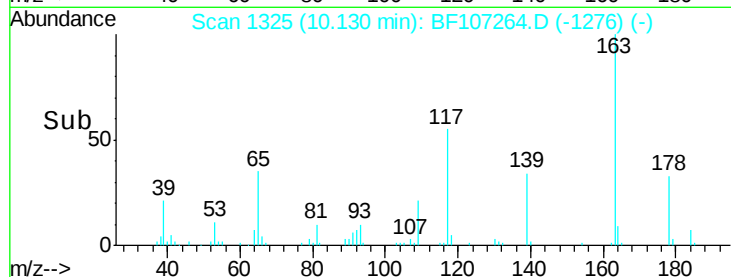
#55
4-Nitrophenol
Concen: 26.379 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:139 Resp: 21350
Ion Ratio Lower Upper
139 100
109 65.3 48.4 88.4
65 103.9 72.6 112.6

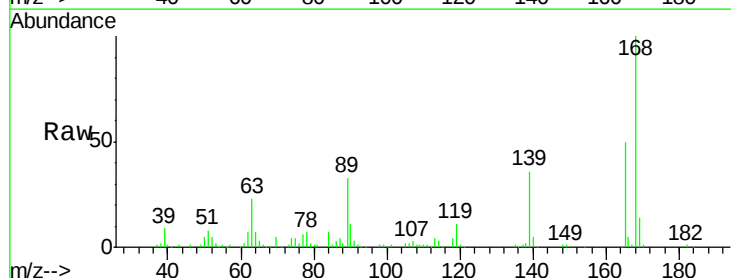


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

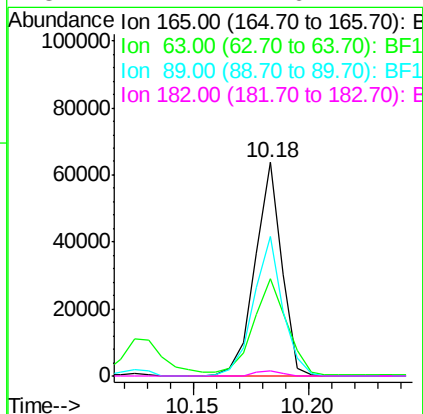
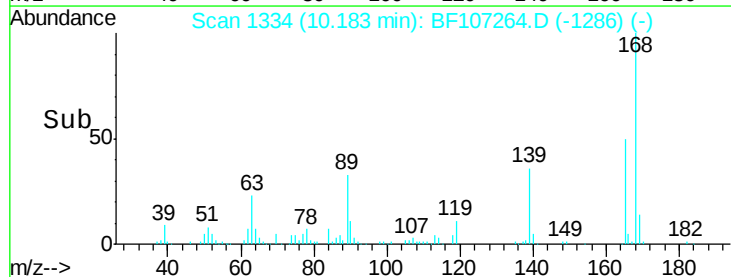


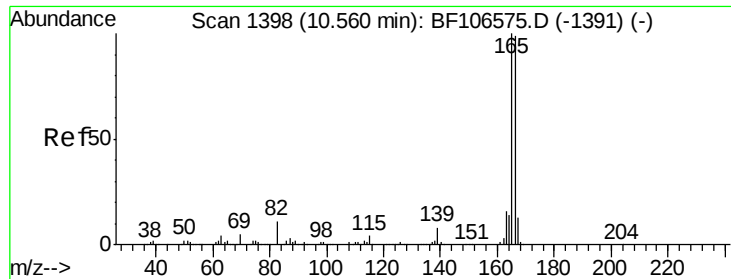
#56
2,4-Dinitrotoluene
Concen: 39.262 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion:165 Resp: 51638
Ion Ratio Lower Upper
165 100
63 45.8 36.4 54.6
89 65.5 57.8 86.6
182 2.2 1.6 2.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.438 ng

RT: 10.54 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

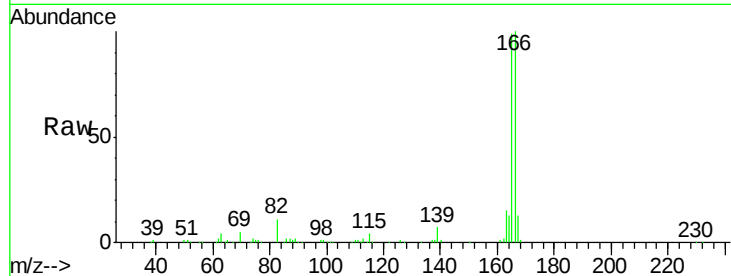
Tgt Ion:166 Resp: 186763

Ion Ratio Lower Upper

166 100

165 98.6 79.8 119.8

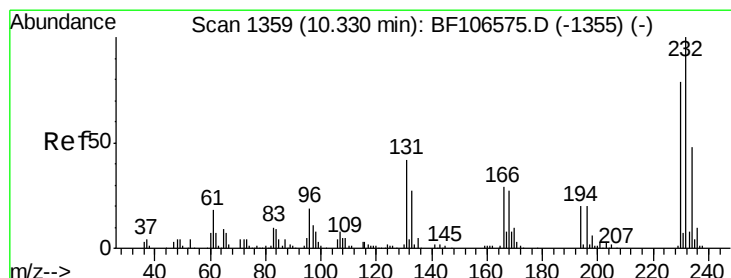
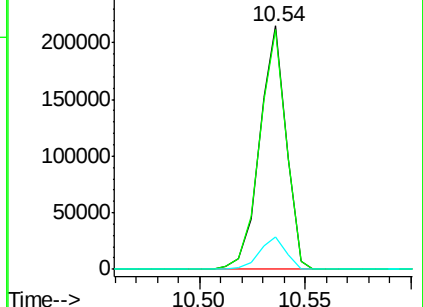
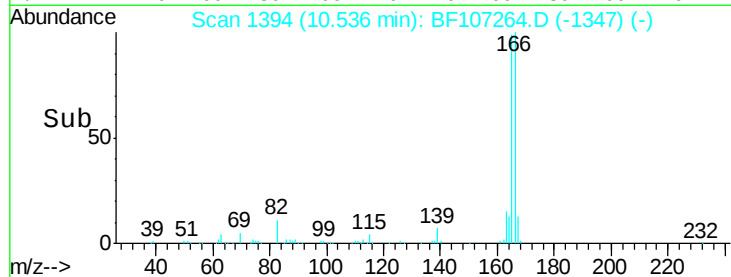
167 13.1 10.6 16.0



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: 32.274 ng

RT: 10.32 min Scan# 1357

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Tgt Ion:232 Resp: 38021

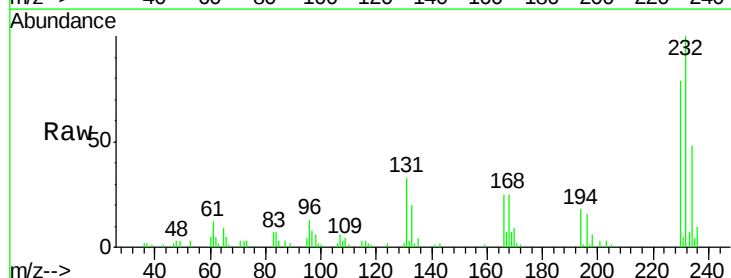
Ion Ratio Lower Upper

232 100

131 33.3 43.8 65.8#

130 1.1 2.1 3.1#

166 23.4 27.8 41.6#

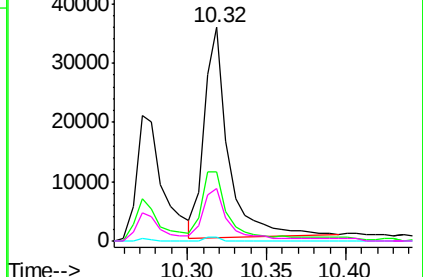
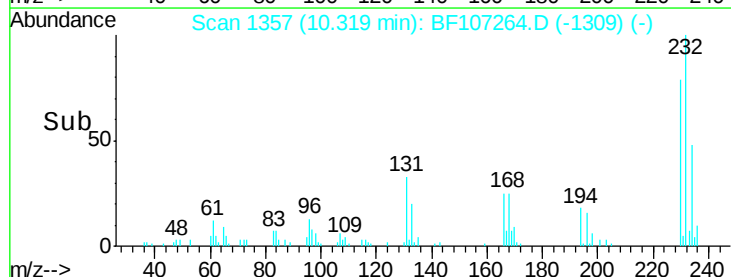


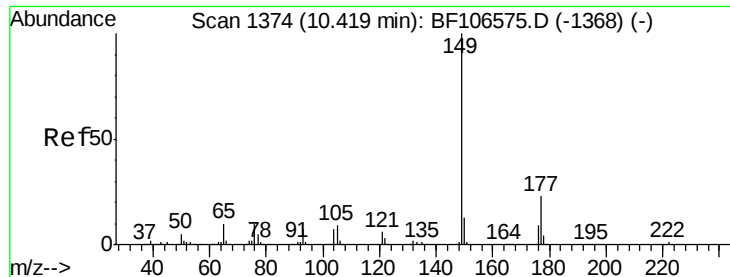
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

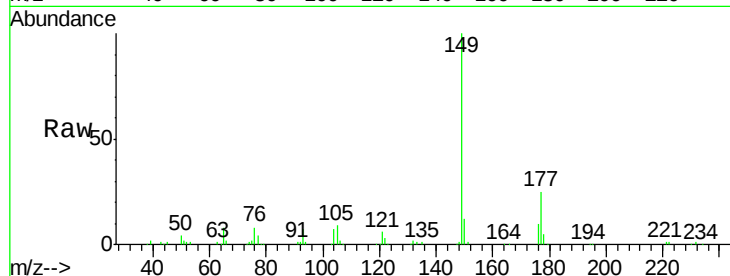




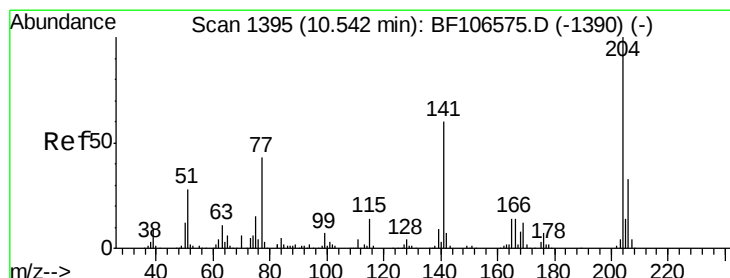
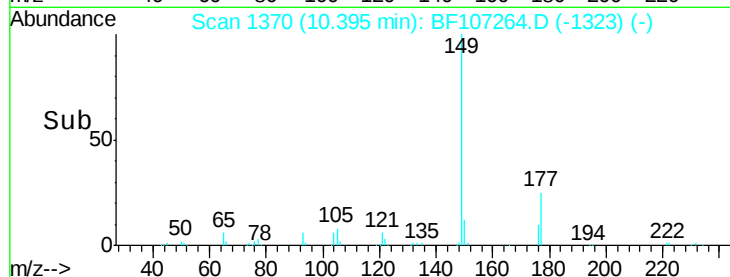
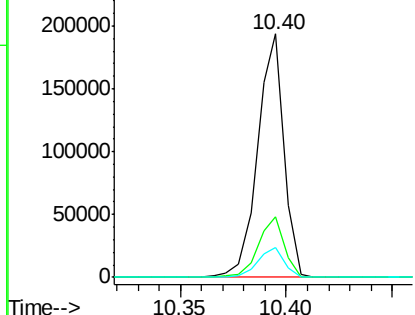
#59
Diethylphthalate
Concen: 36.499 ng
RT: 10.40 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:149 Resp: 167628
Ion Ratio Lower Upper
149 100
177 24.7 16.1 24.1#
150 12.0 10.1 15.1

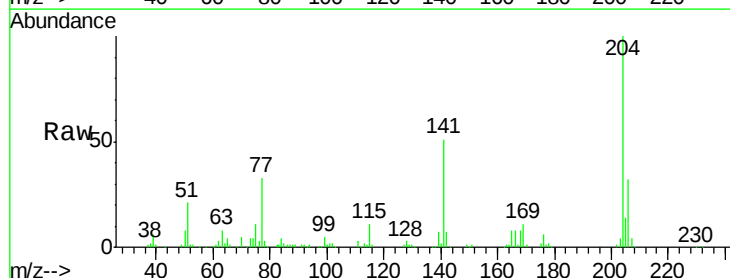


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

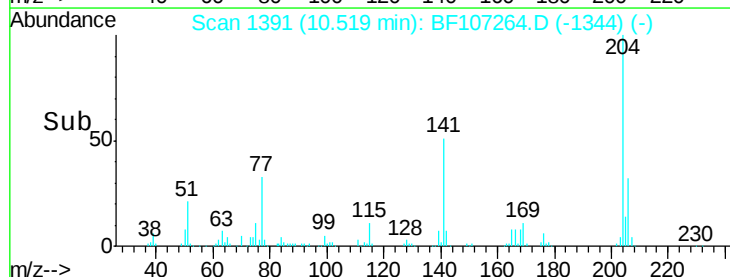
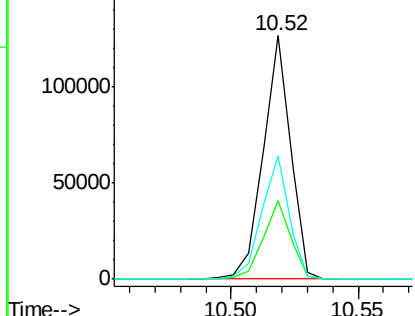


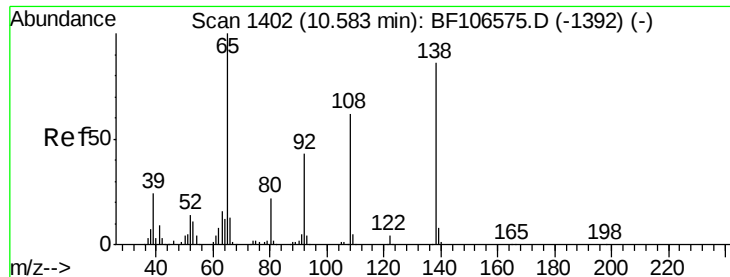
#60
4-Chlorophenyl-phenylether
Concen: 42.788 ng
RT: 10.52 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion:204 Resp: 96257
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 50.6 54.6 81.8#



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

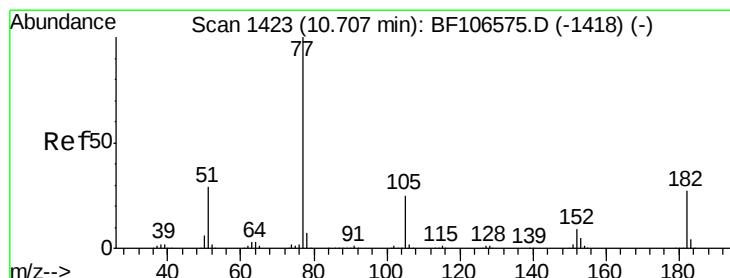
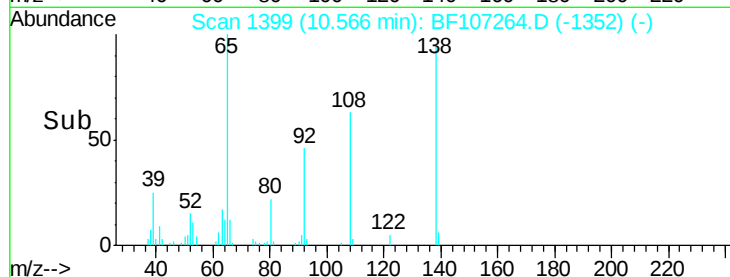
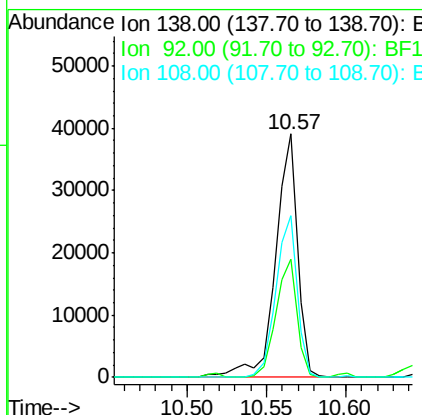
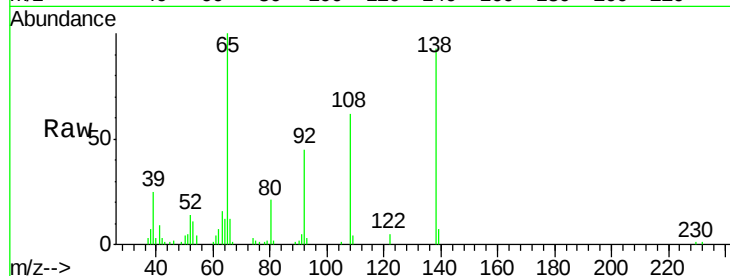




#61
4-Nitroaniline
Concen: 33.028 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

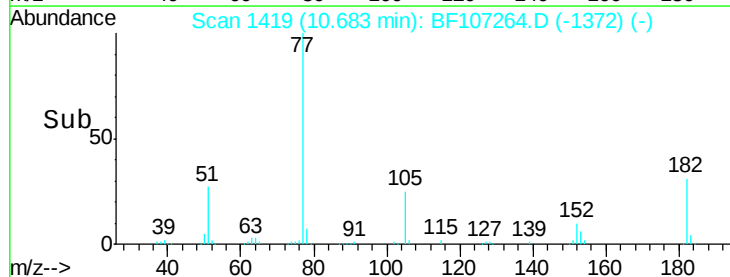
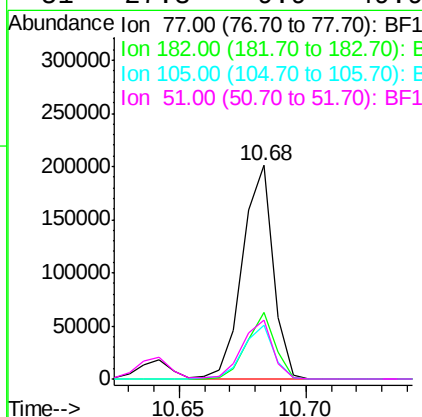
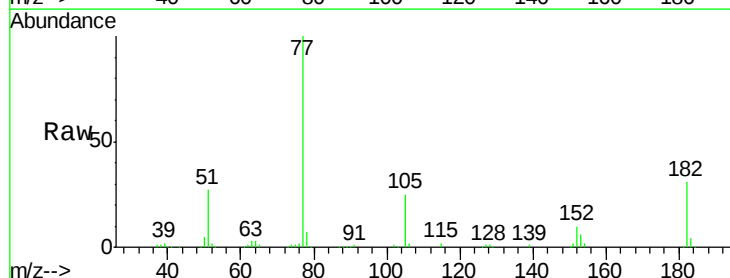
Instrument :
BNA_F
ClientSampleId :
PB110879BS

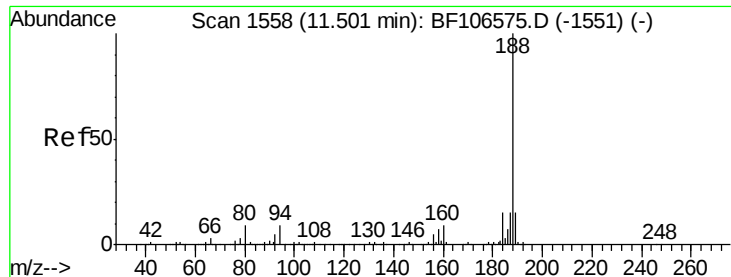
Tgt Ion: 138 Resp: 38007
Ion Ratio Lower Upper
138 100
92 48.4 30.2 70.2
108 66.4 52.5 92.5



#62
Azobenzene
Concen: 37.339 ng
RT: 10.68 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion: 77 Resp: 168872
Ion Ratio Lower Upper
77 100
182 30.9 1.7 41.7
105 25.0 3.0 43.0
51 27.3 9.9 49.9

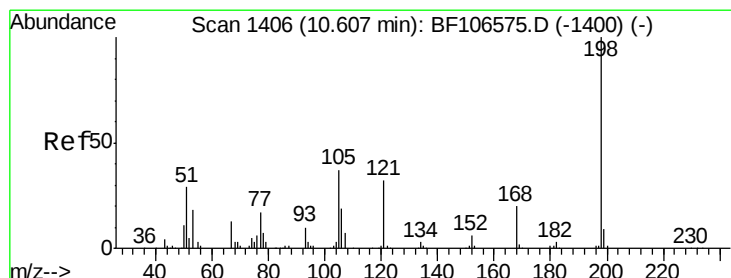
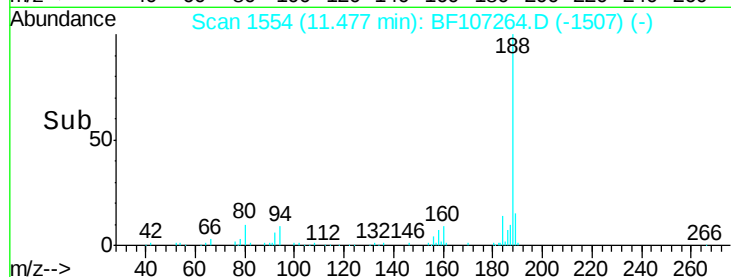
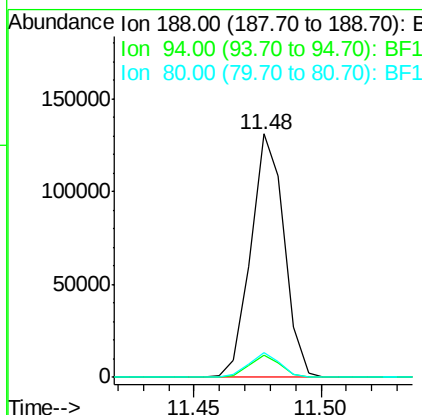
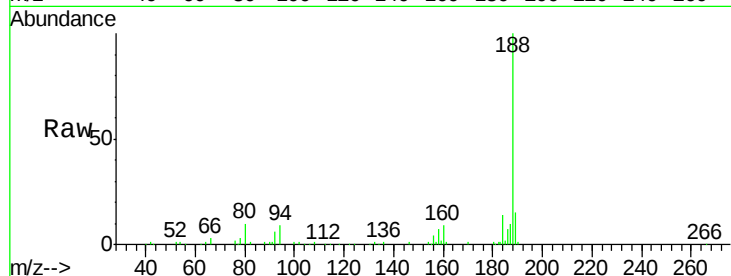




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

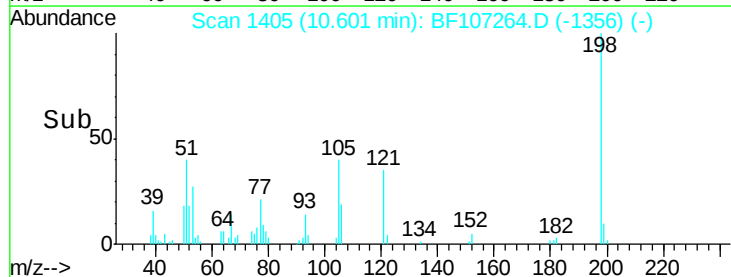
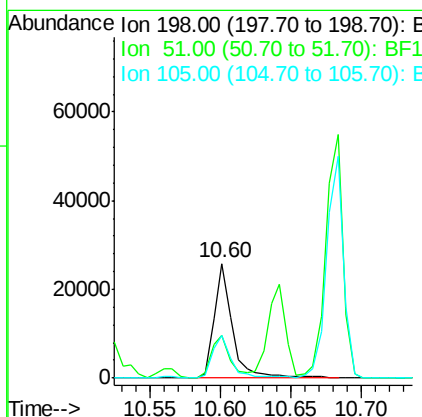
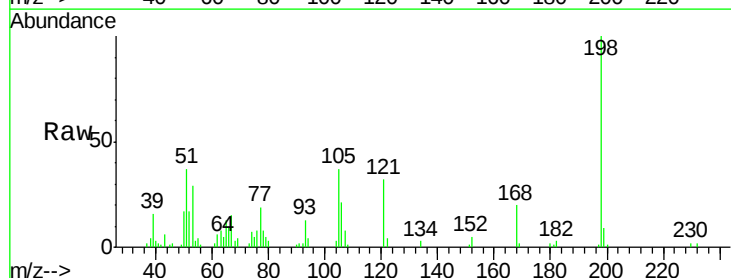
Instrument :
BNA_F
ClientSampleId :
PB110879BS

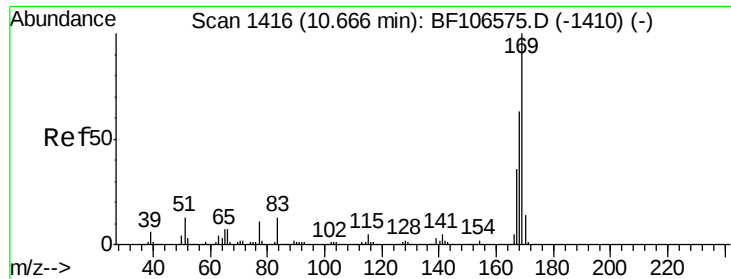
Tgt Ion:188 Resp: 119645
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 31.414 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion:198 Resp: 23233
Ion Ratio Lower Upper
198 100
51 36.8 37.7 77.7#
105 37.4 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 38.571 ng

RT: 10.64 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

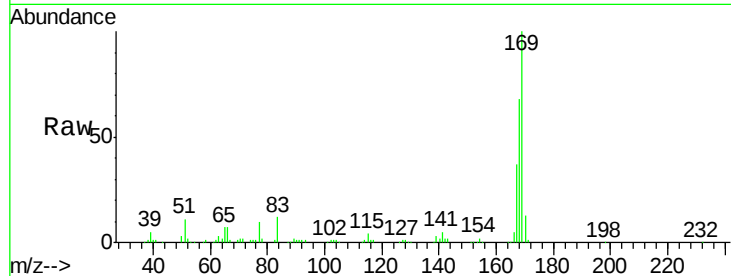
Tgt Ion:169 Resp: 155221

Ion Ratio Lower Upper

169 100

168 68.2 54.4 81.6

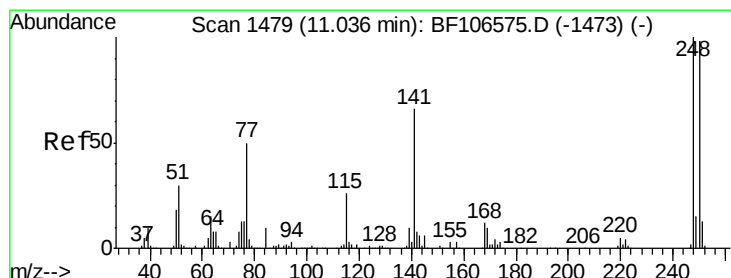
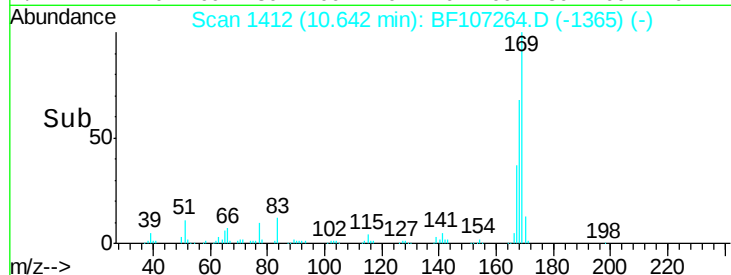
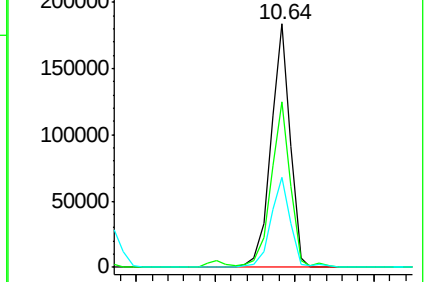
167 37.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.713 ng

RT: 11.01 min Scan# 1475

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

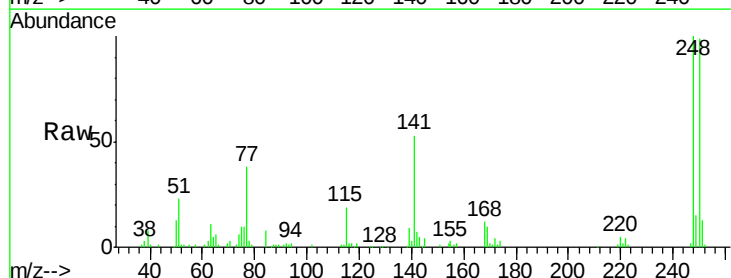
Tgt Ion:248 Resp: 62417

Ion Ratio Lower Upper

248 100

250 98.7 76.9 115.3

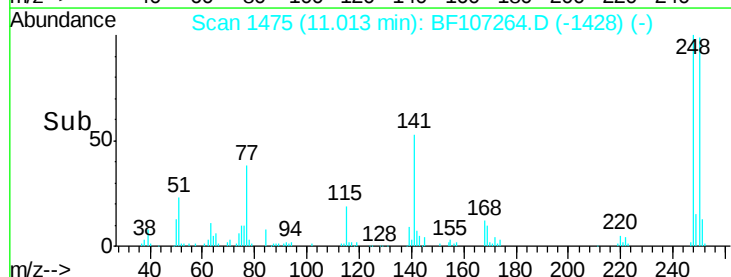
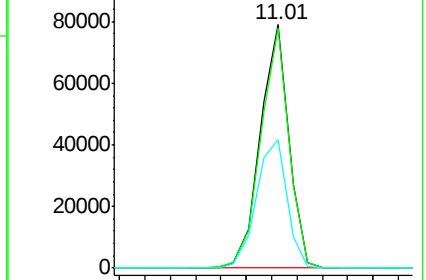
141 52.8 74.4 111.6#

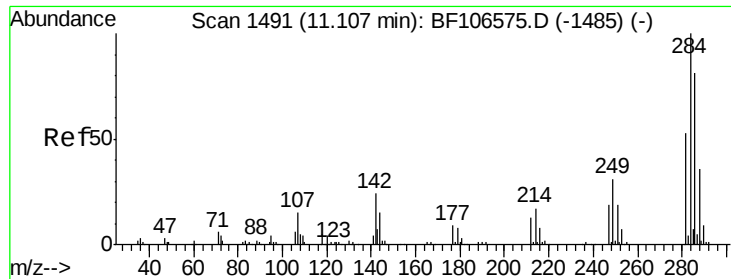


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.294 ng

RT: 11.09 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

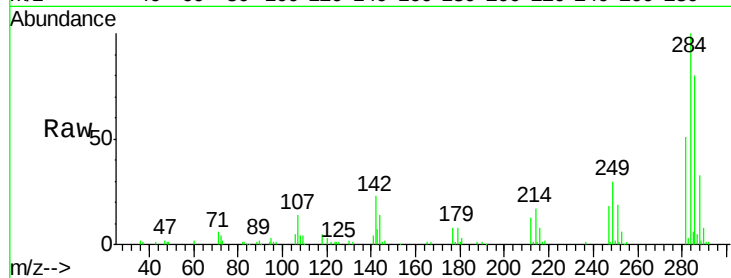
Tgt Ion:284 Resp: 66197

Ion Ratio Lower Upper

284 100

142 22.8 34.6 52.0#

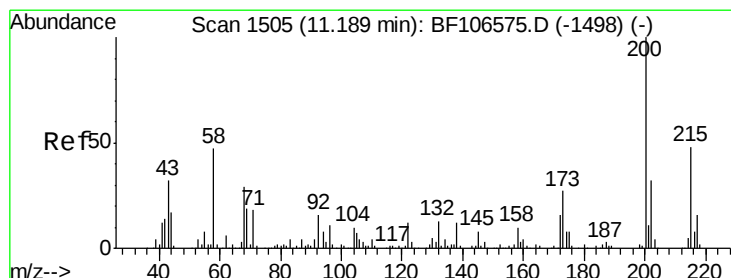
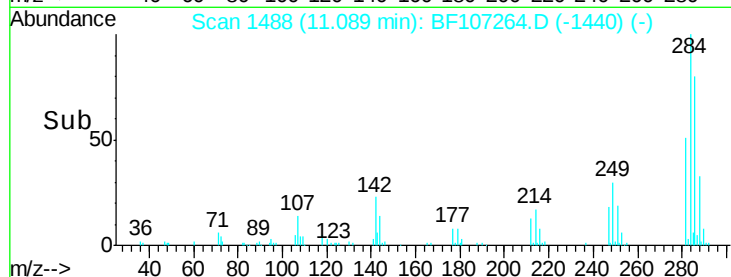
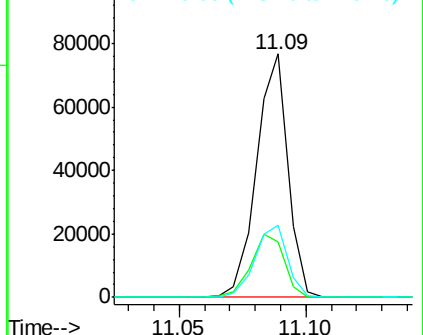
249 29.7 24.8 37.2



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: 40.229 ng

RT: 11.17 min Scan# 1501

Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

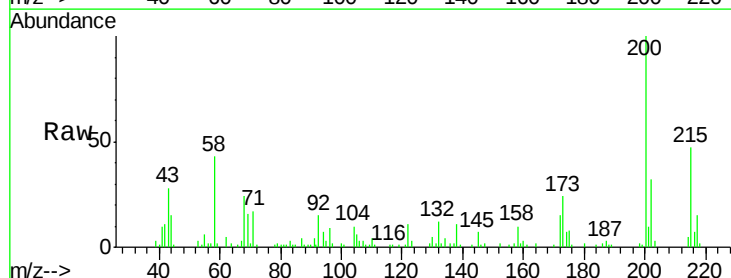
Tgt Ion:200 Resp: 51466

Ion Ratio Lower Upper

200 100

173 24.1 8.6 48.6

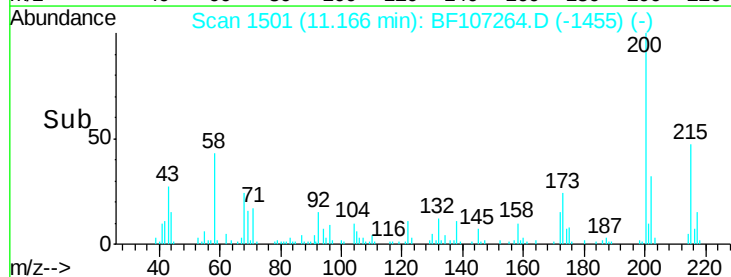
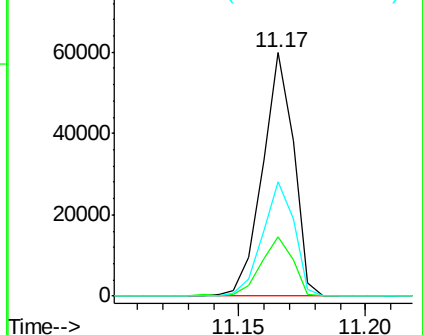
215 46.9 25.1 65.1

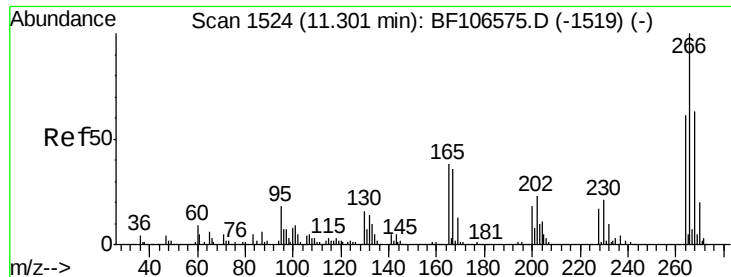


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

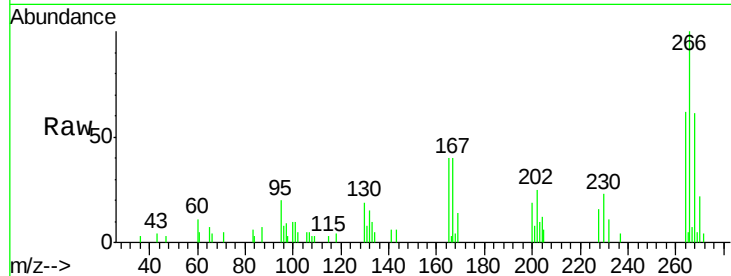




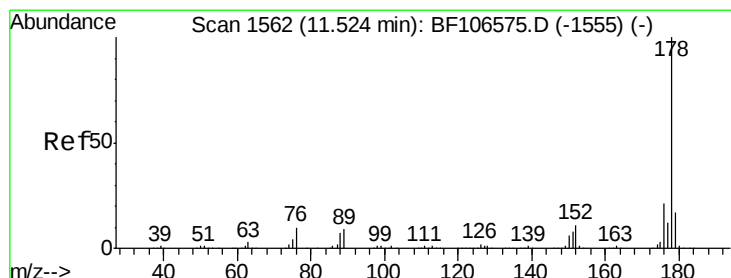
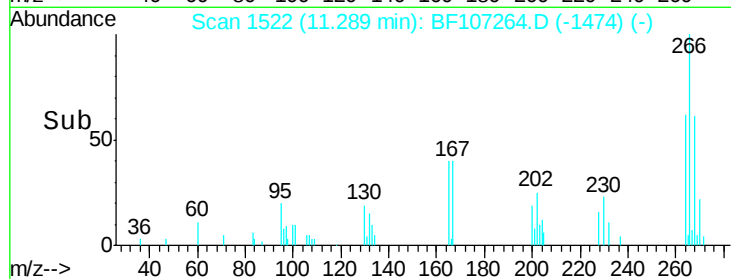
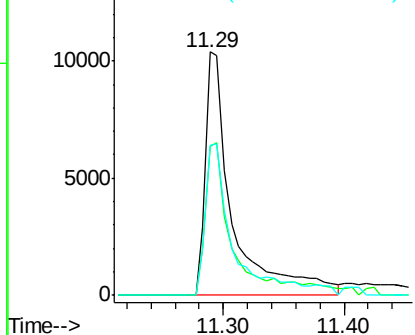
#69
 Pentachlorophenol
 Concen: 21.966 ng
 RT: 11.29 min Scan# 1522
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion:266 Resp: 16380
 Ion Ratio Lower Upper
 266 100
 268 61.0 51.1 76.7
 264 61.8 49.5 74.3

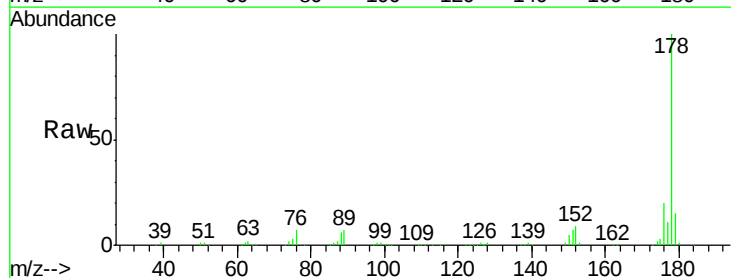


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

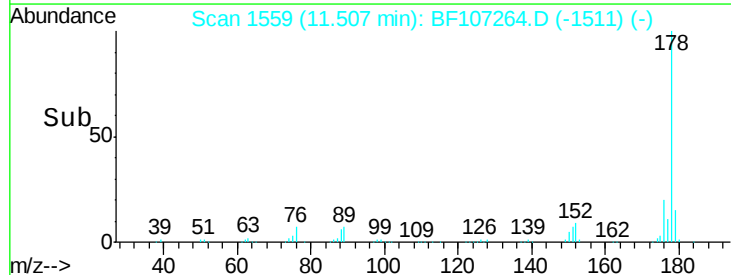
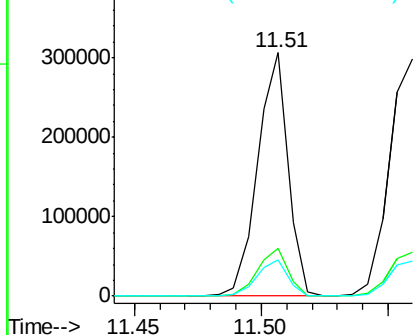


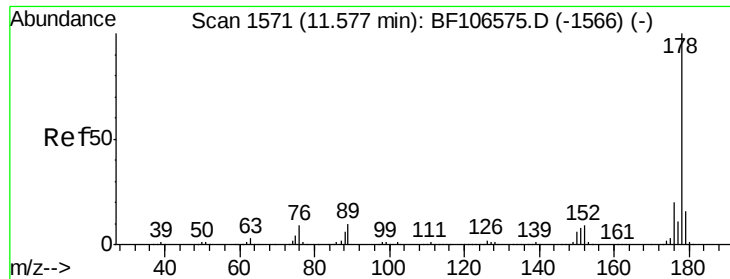
#70
 Phenanthrene
 Concen: 44.511 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion:178 Resp: 256861
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.0 13.0 19.6



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

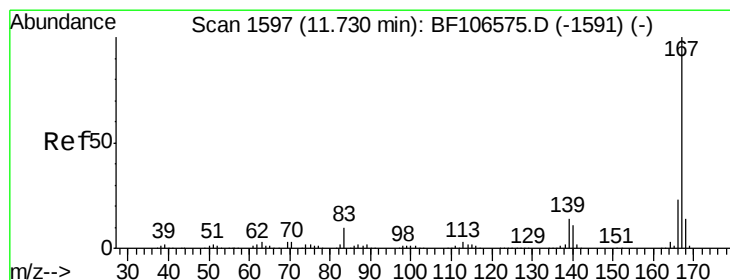
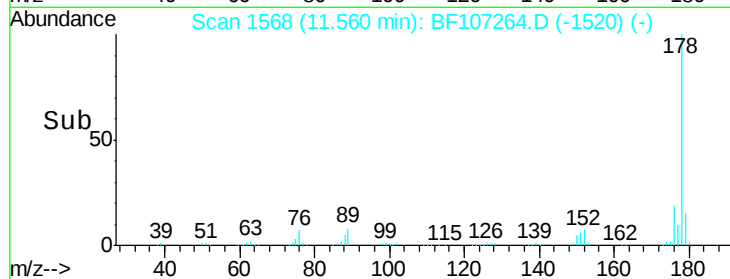
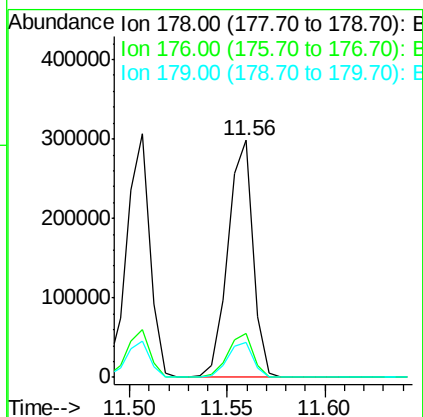
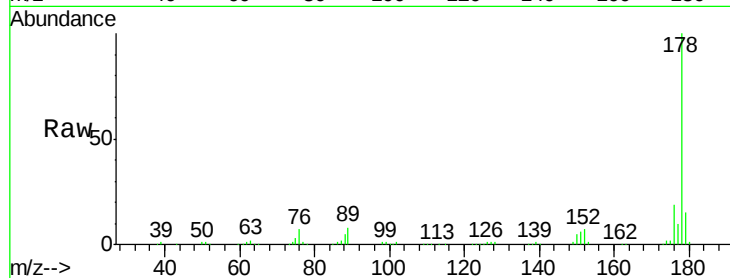




#71
 Anthracene
 Concen: 45.141 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

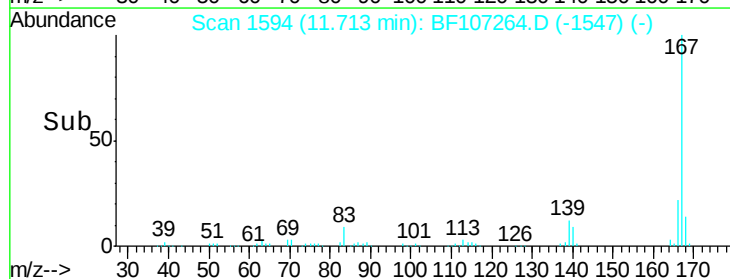
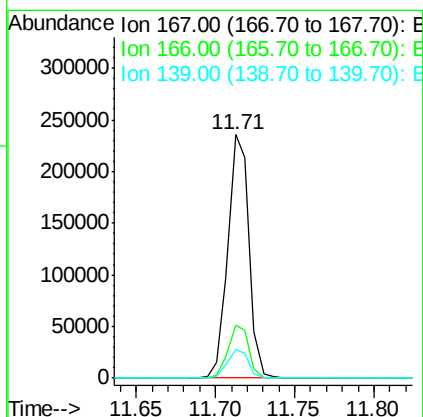
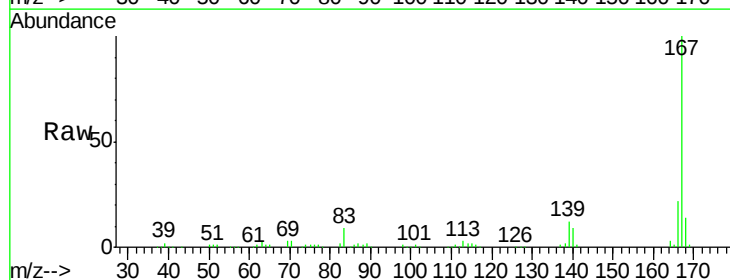
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

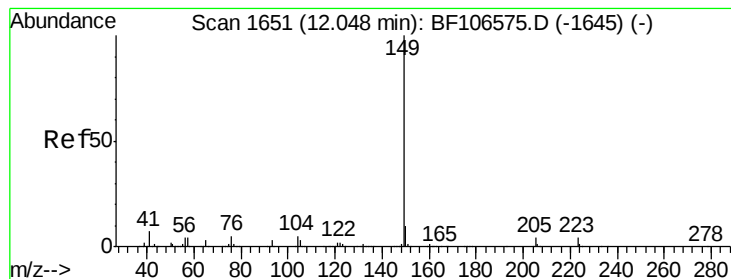
Tgt Ion:178 Resp: 265889
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.2
 179 14.6 12.6 19.0



#72
 Carbazole
 Concen: 39.330 ng
 RT: 11.71 min Scan# 1594
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion:167 Resp: 216890
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 11.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.269 ng

RT: 12.02 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

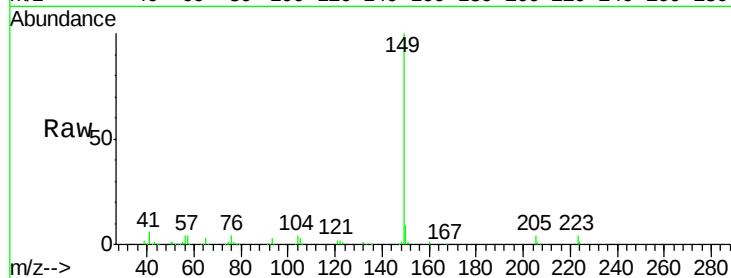
Tgt Ion:149 Resp: 242128

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

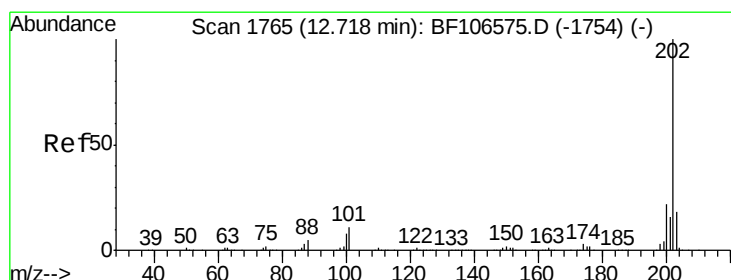
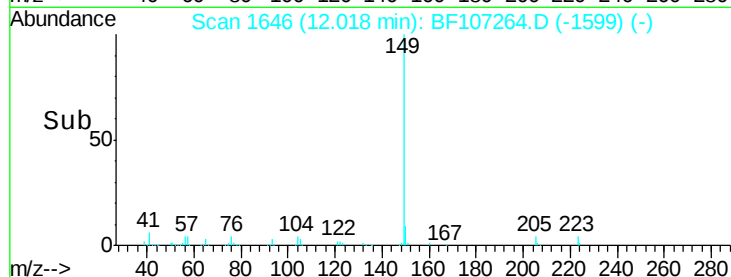
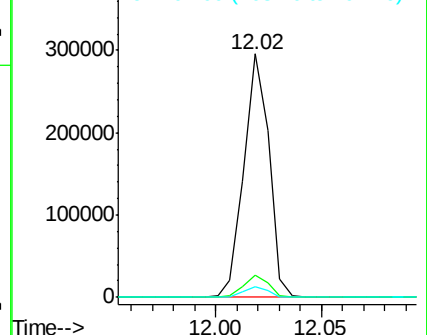
104 4.4 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.334 ng

RT: 12.70 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

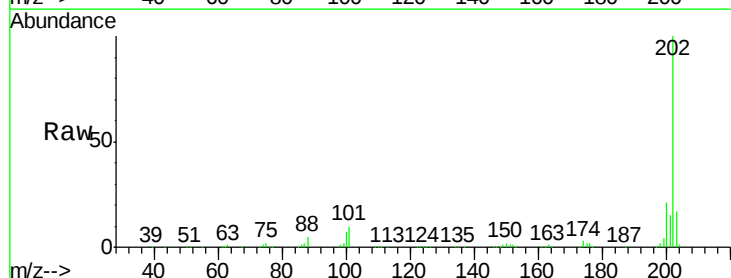
Tgt Ion:202 Resp: 256544

Ion Ratio Lower Upper

202 100

101 10.1 0.0 34.1

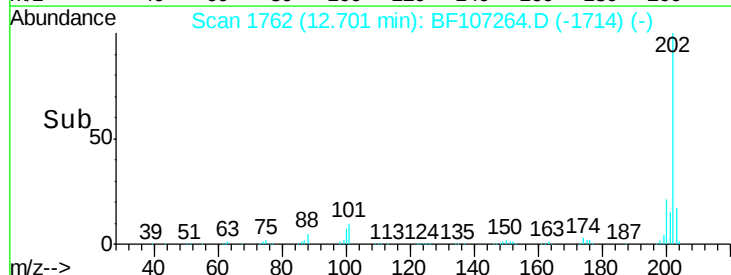
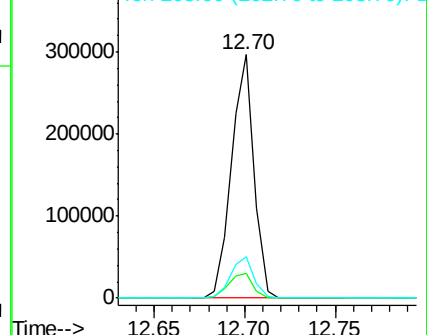
203 17.2 0.0 38.1

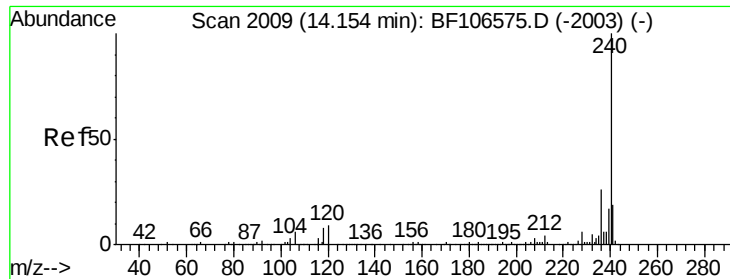


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

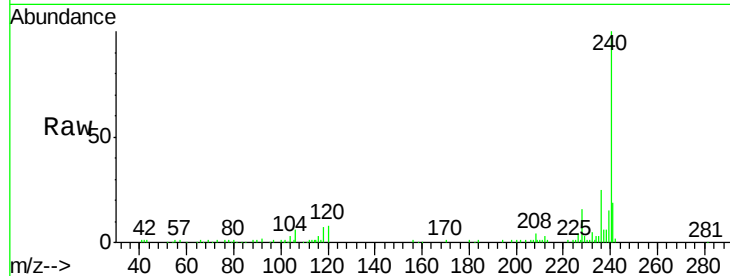
Tgt Ion:240 Resp: 81875

Ion Ratio Lower Upper

240 100

120 8.3 9.5 14.3#

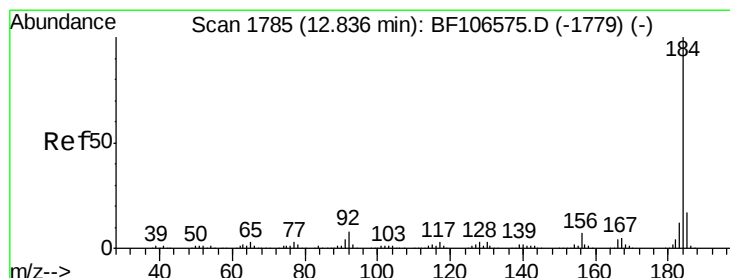
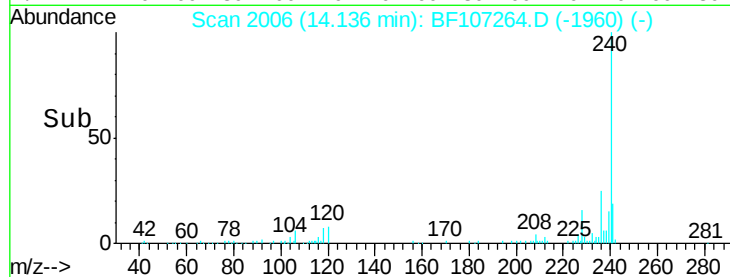
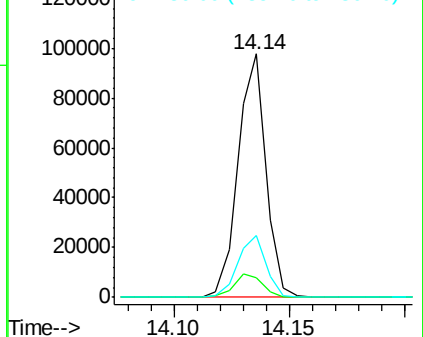
236 25.2 20.7 31.1



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: 31.563 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

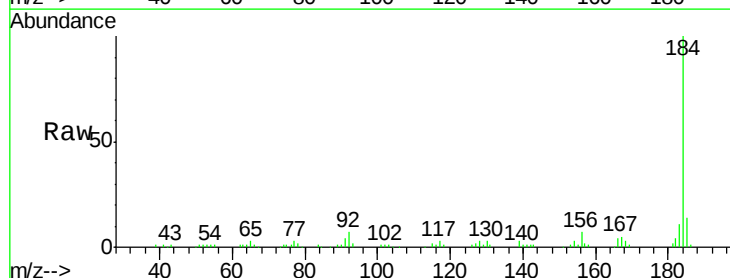
Tgt Ion:184 Resp: 73598

Ion Ratio Lower Upper

184 100

185 13.6 12.6 18.8

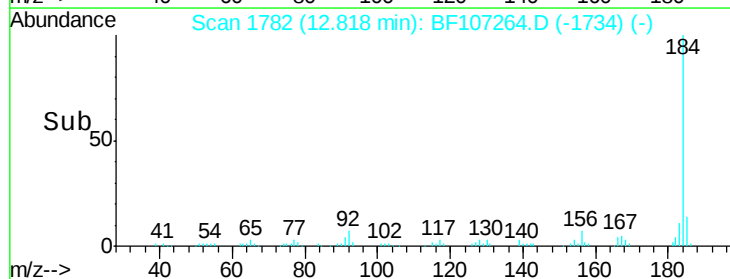
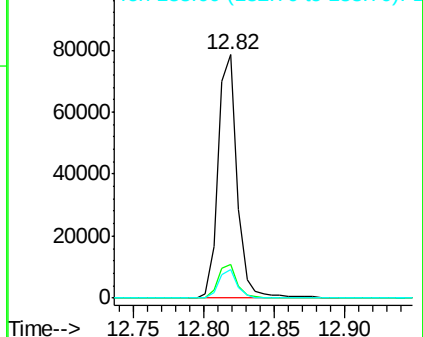
183 11.5 9.3 13.9

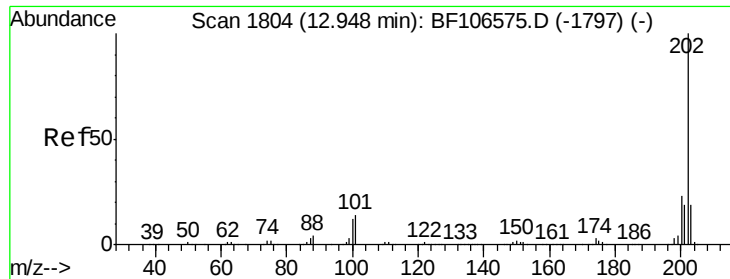


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

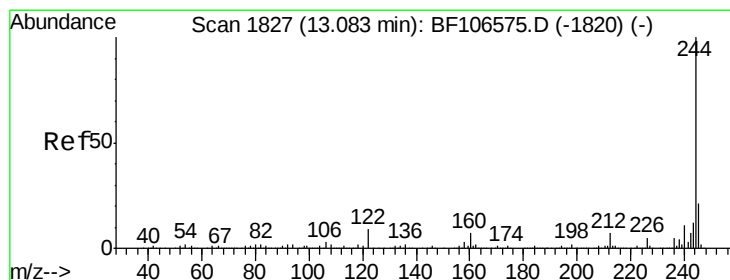
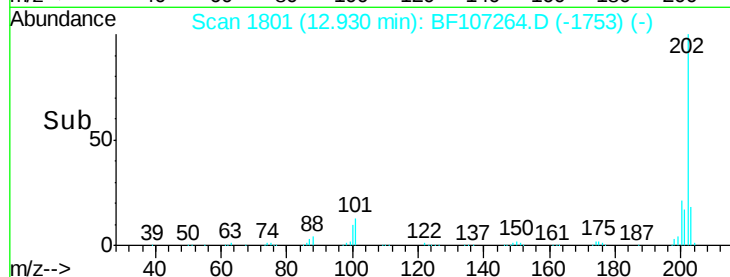
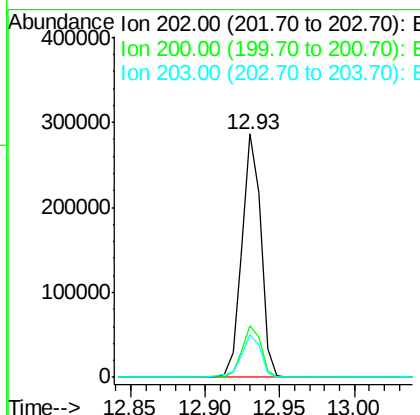
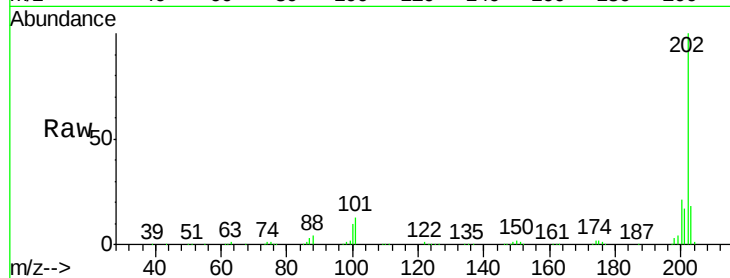




#77
 Pyrene
 Concen: 47.000 ng
 RT: 12.93 min Scan# 1801
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

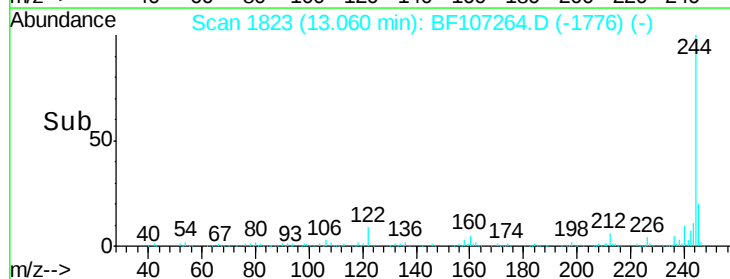
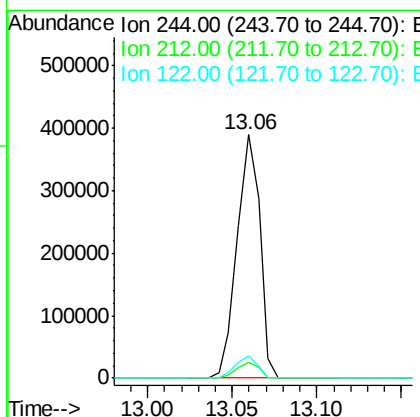
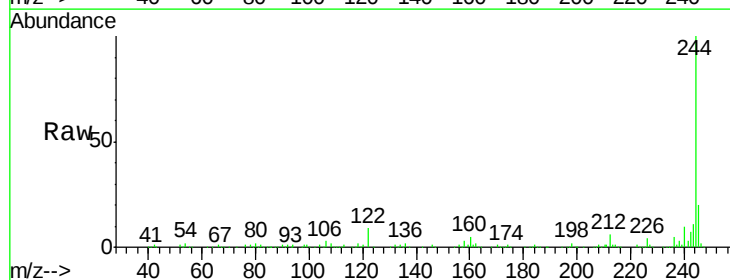
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

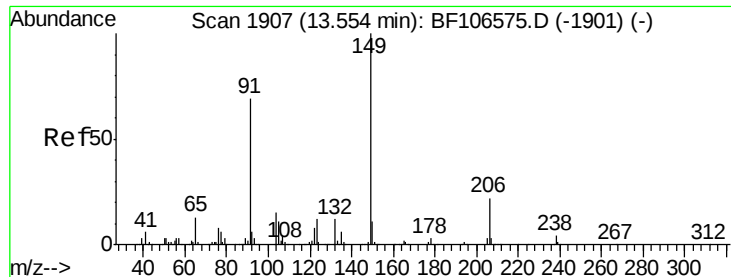
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.6	14.3	21.5



#78
 Terphenyl-d14
 Concen: 108.264 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.02 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.9	11.0	16.4#

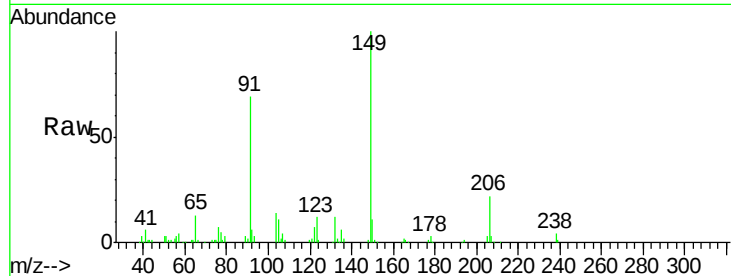




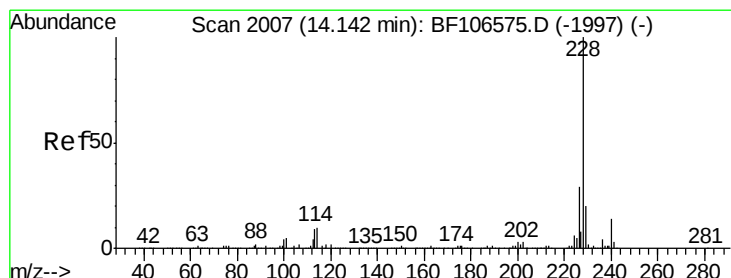
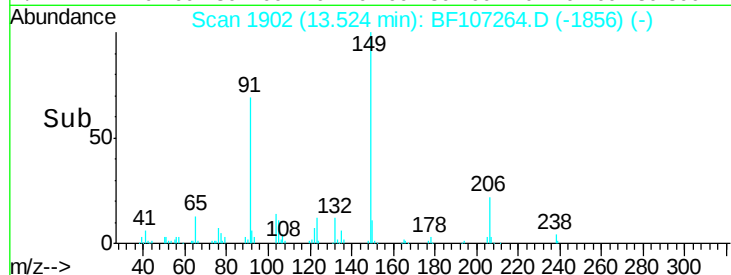
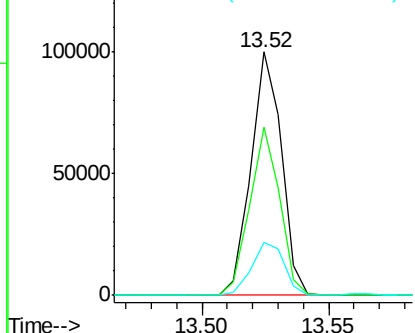
#79
Butylbenzylphthalate
Concen: 38.028 ng
RT: 13.52 min Scan# 1902
Delta R.T. -0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Tgt Ion:149 Resp: 84416
Ion Ratio Lower Upper
149 100
91 69.0 56.8 85.2
206 21.8 14.1 21.1#

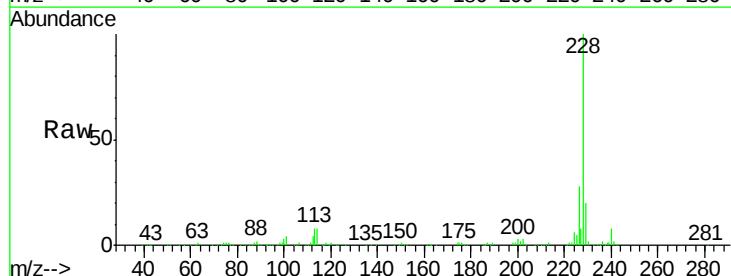


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

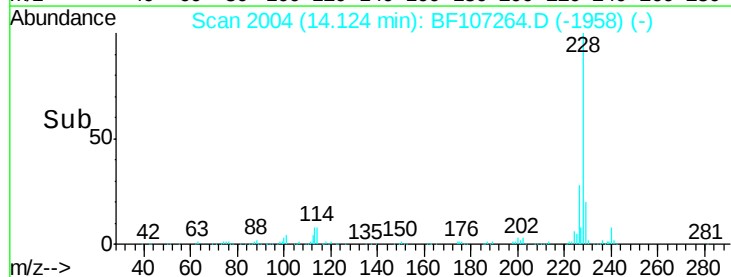
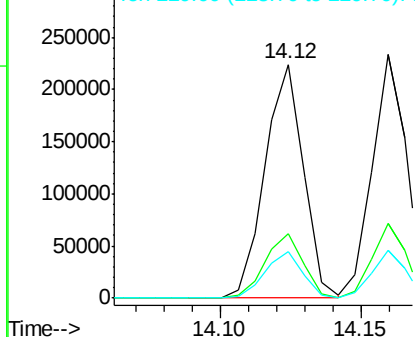


#80
Benzo(a)anthracene
Concen: 42.469 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107264.D
Acq: 10 Jul 2018 11:27

Tgt Ion:228 Resp: 211924
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.7 15.8 23.6



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

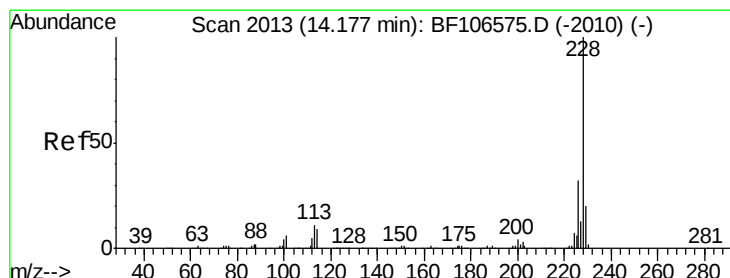
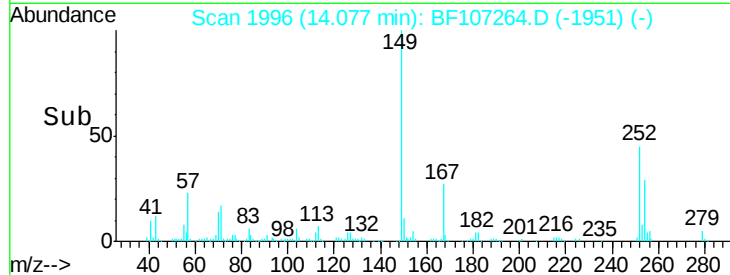
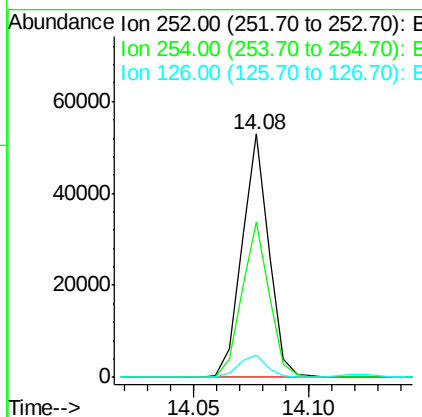
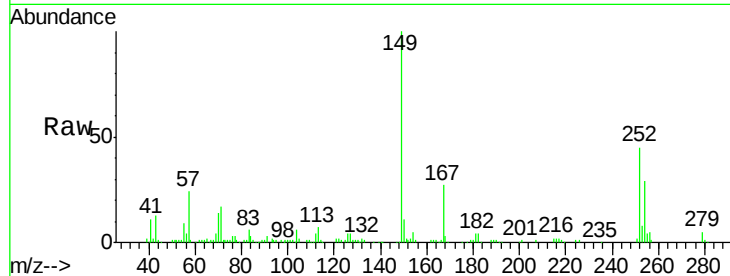




#81
 3,3'-Dichlorobenzidine
 Concen: 24.497 ng
 RT: 14.08 min Scan# 1996
 Delta R.T. -0.04 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

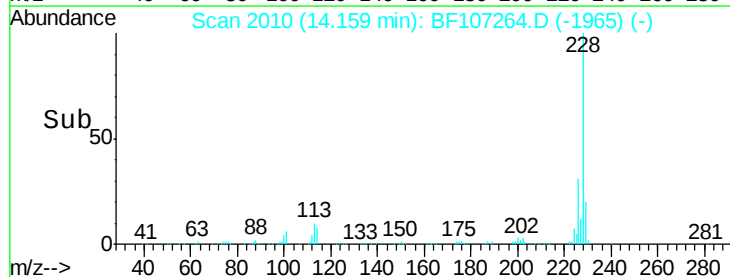
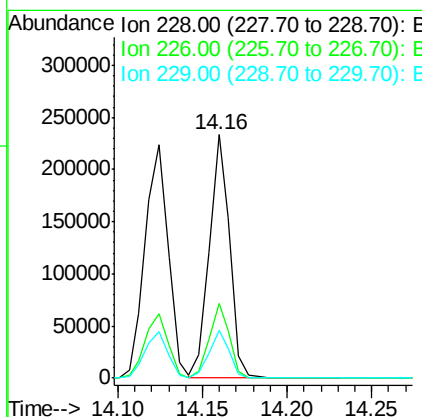
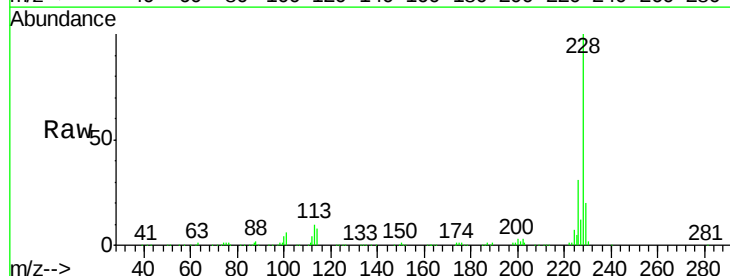
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

Tgt Ion: 252 Resp: 42962
 Ion Ratio Lower Upper
 252 100
 254 63.7 50.4 75.6
 126 9.0 11.3 16.9#



#82
 Chrysene
 Concen: 42.867 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.04 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion: 228 Resp: 196792
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.0 37.6
 229 19.8 16.2 24.4

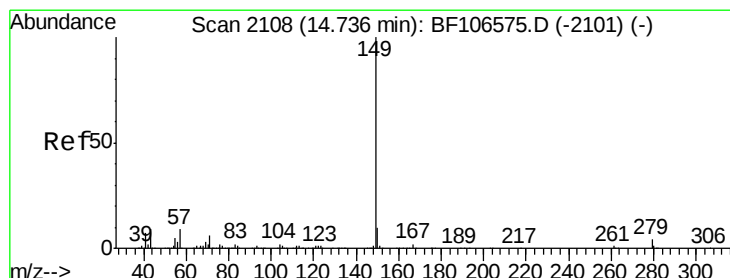
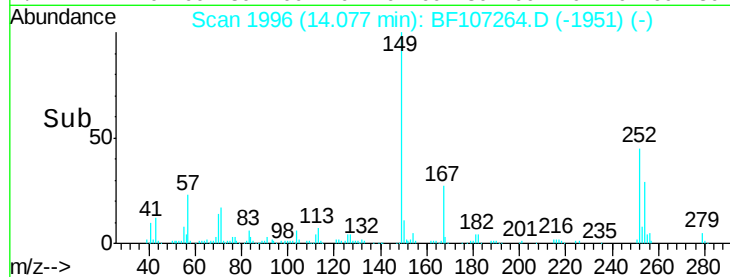
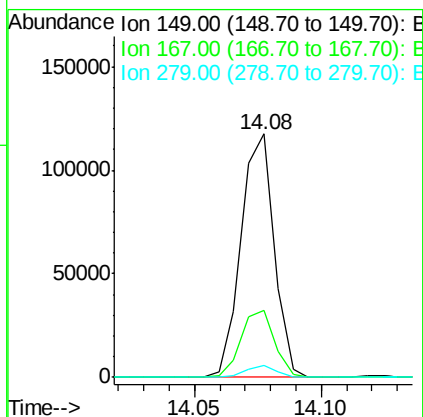
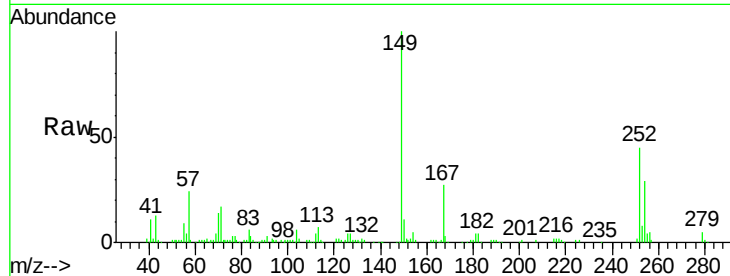




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.584 ng
 RT: 14.08 min Scan# 1996
 Delta R.T. -0.04 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

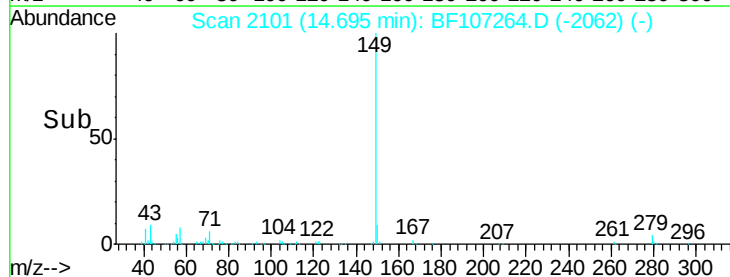
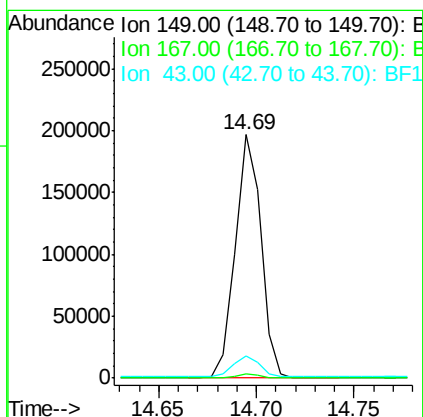
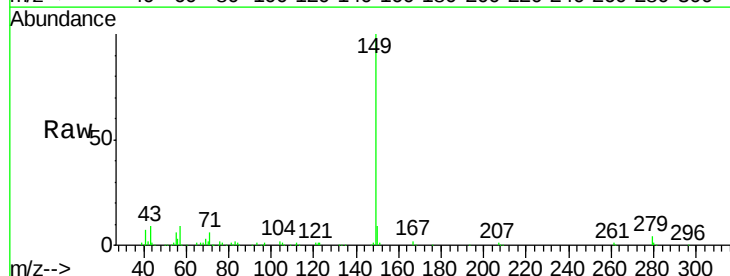
Instrument :
 BNA_F
 ClientSampleId :
 PB110879BS

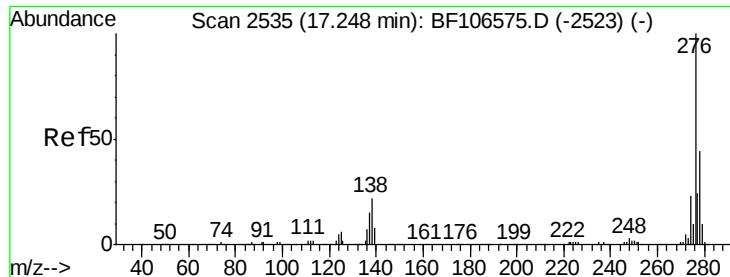
Tgt Ion:149 Resp: 106663
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.3 31.9
 279 5.0 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 38.939 ng
 RT: 14.69 min Scan# 2101
 Delta R.T. -0.07 min
 Lab File: BF107264.D
 Acq: 10 Jul 2018 11:27

Tgt Ion:149 Resp: 180131
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.6 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 68.485 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.04 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

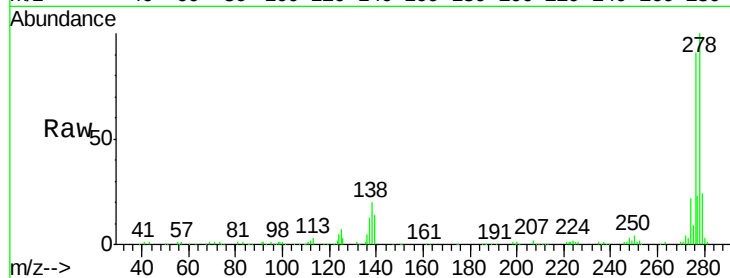
Tgt Ion:276 Resp: 266812

Ion Ratio Lower Upper

276 100

138 21.1 25.0 37.6#

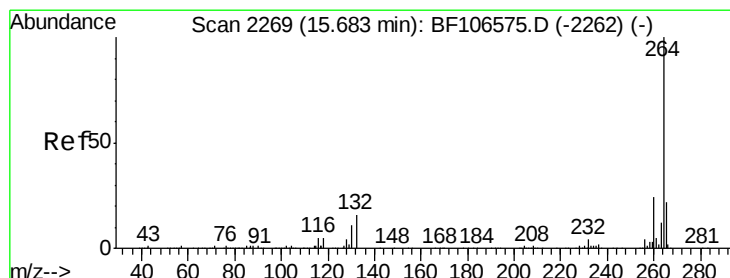
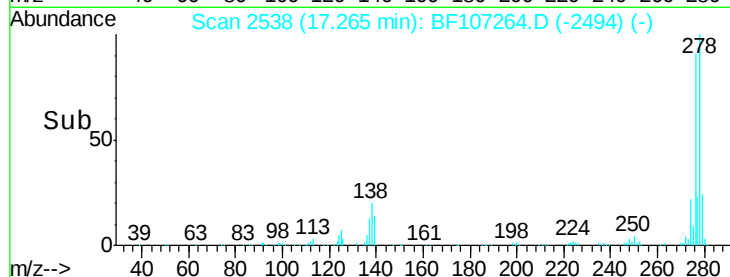
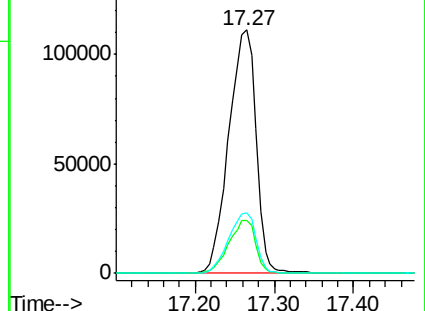
277 24.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2266

Delta R.T. -0.05 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

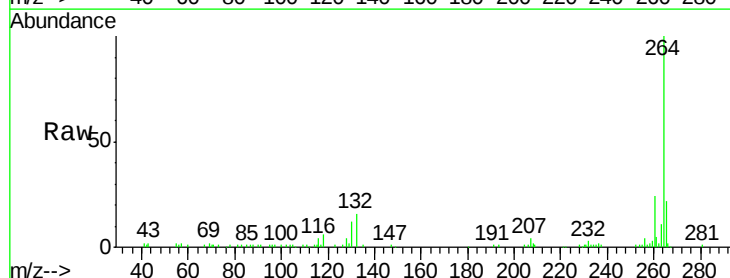
Tgt Ion:264 Resp: 86582

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

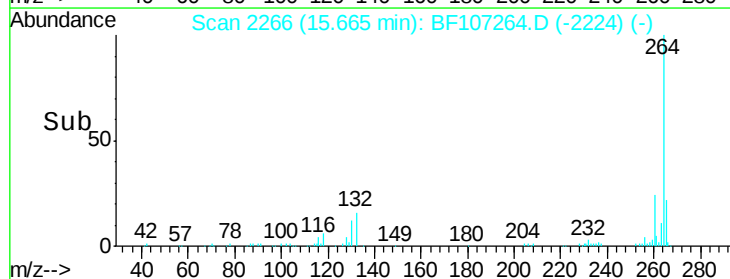
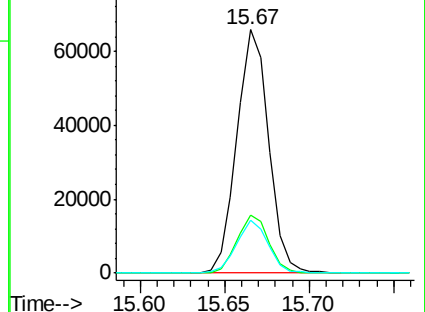
265 21.6 17.5 26.3

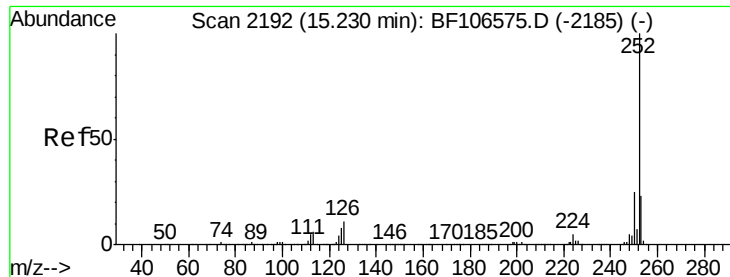


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.323 ng

RT: 15.21 min Scan# 2189

Delta R.T. -0.05 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

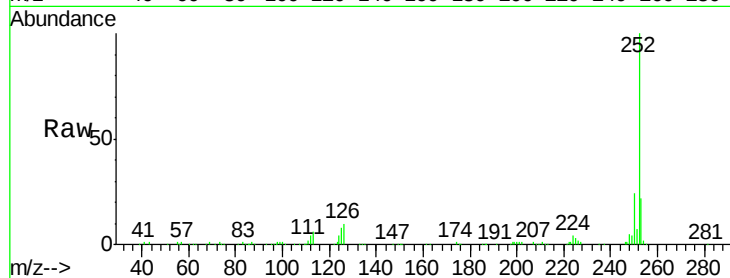
Tgt Ion:252 Resp: 206116

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

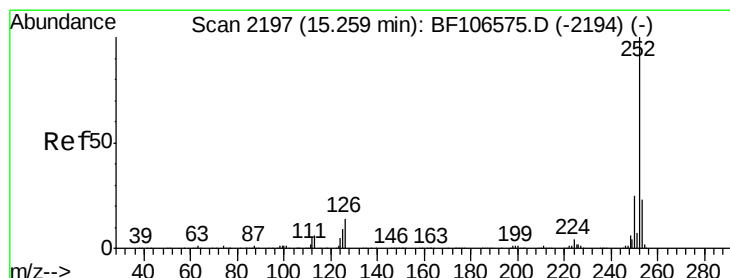
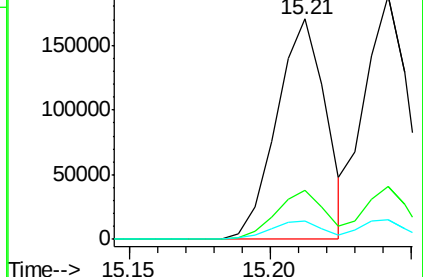
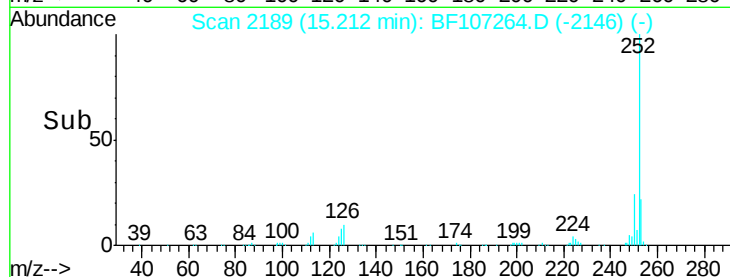
125 8.2 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.837 ng

RT: 15.24 min Scan# 2194

Delta R.T. -0.05 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

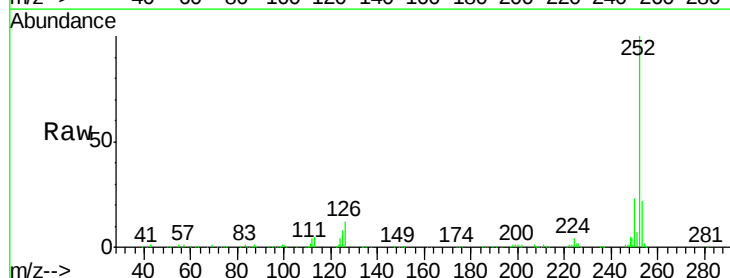
Tgt Ion:252 Resp: 204037

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

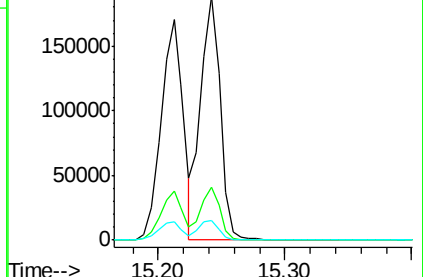
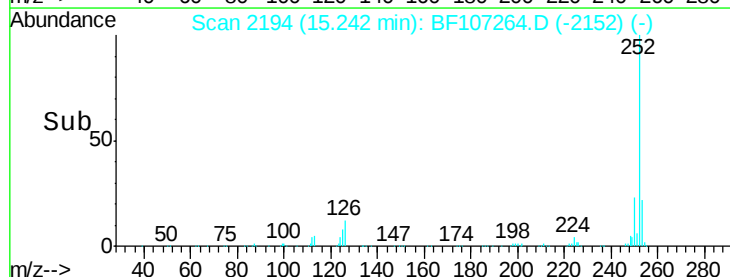
125 7.8 10.2 15.2#

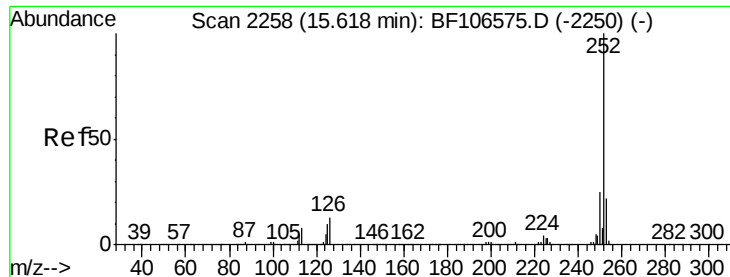


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.138 ng

RT: 15.61 min Scan# 2256

Delta R.T. -0.05 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

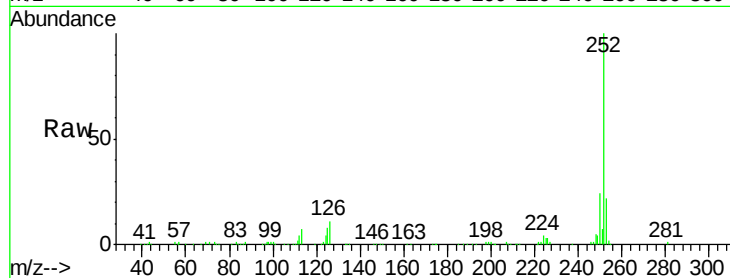
Tgt Ion:252 Resp: 211035

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

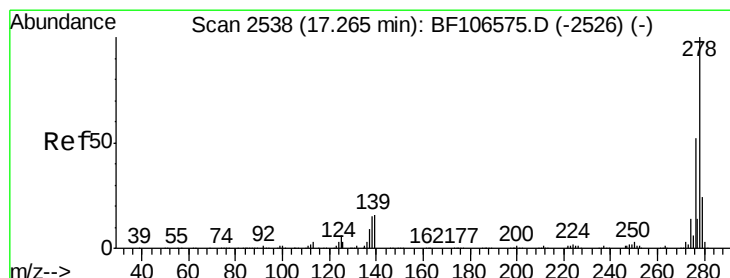
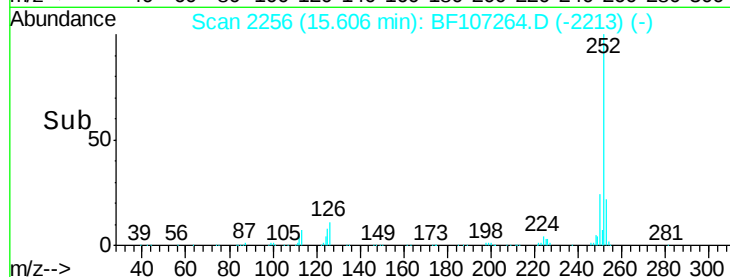
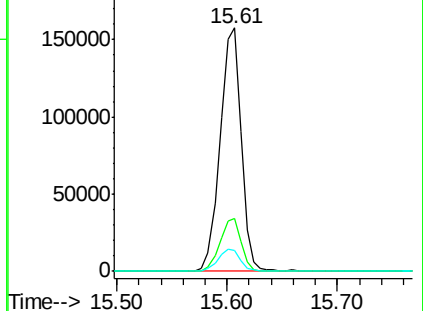
125 8.4 9.8 14.6#



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: 54.198 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.06 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

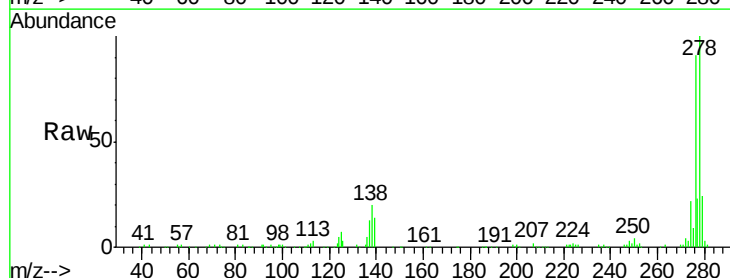
Tgt Ion:278 Resp: 219614

Ion Ratio Lower Upper

278 100

139 14.0 15.9 23.9#

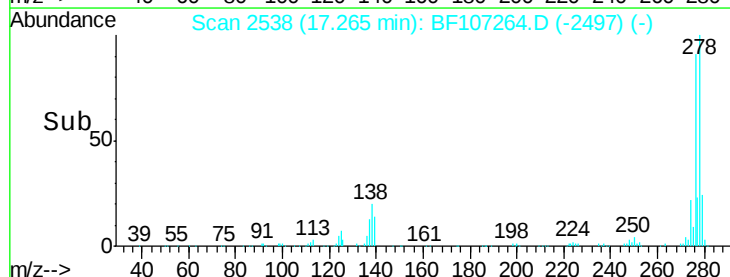
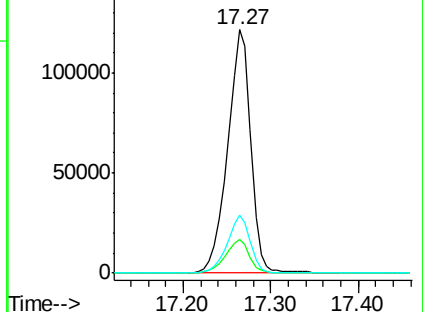
279 23.7 19.0 28.4

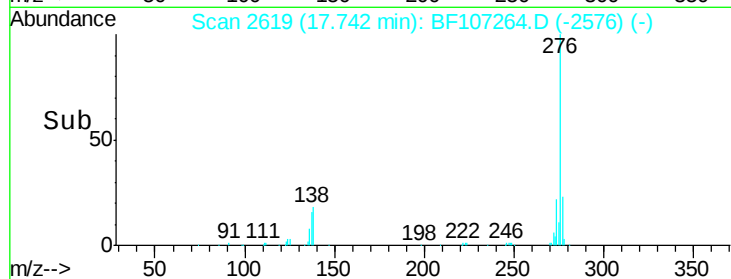
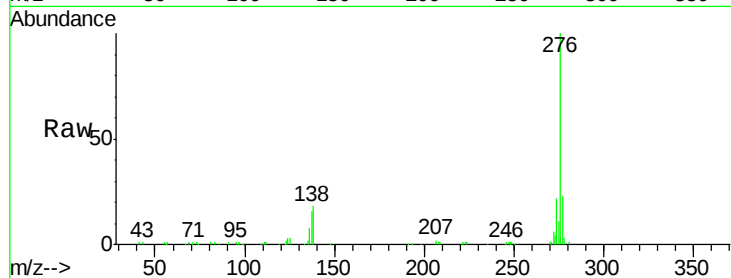
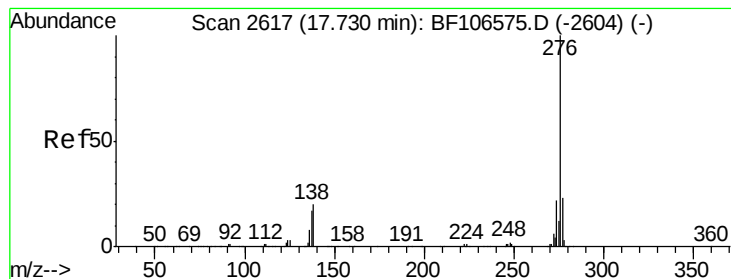


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 58.872 ng

RT: 17.74 min Scan# 2619

Delta R.T. -0.05 min

Lab File: BF107264.D

Acq: 10 Jul 2018 11:27

Instrument :

BNA_F

ClientSampleId :

PB110879BS

Tgt Ion:276 Resp: 233170

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 18.0 21.8 32.8#

