

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
 Data File : BF106318.D
 Acq On : 12 Jun 2018 1:48
 Operator : JU/SJ
 Sample : J3354-04MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

Quant Time: Jun 12 05:16:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	211273	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	756581	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	327864	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	523249	20.00	ng	0.00
75) Chrysene-d12	14.15	240	485843	20.00	ng	-0.01
86) Perylene-d12	15.67	264	431979	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1302781	104.37	ng	0.01
7) Phenol-d6	6.60	99	1666195	105.65	ng	0.00
23) Nitrobenzene-d5	7.54	82	1091383	84.86	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	394063	124.92	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1662211	92.57	ng	0.00
78) Terphenyl-d14	13.09	244	1500744	76.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.87	88	183408	28.390	ng	96
3) Pyridine	3.63	79	550692	30.589	ng	99
4) n-Nitrosodimethylamine	3.59	42	268298	32.531	ng	94
6) Aniline	6.64	93	597779	25.957	ng	98
8) 2-Chlorophenol	6.76	128	492856	36.715	ng	98
9) Benzaldehyde	6.52	77	242559	20.277	ng	98
10) Phenol	6.61	94	636993	36.998	ng	97
11) bis(2-Chloroethyl)ether	6.71	93	515571	34.980	ng	97
12) 1,3-Dichlorobenzene	6.91	146	560839	35.498	ng	99
13) 1,4-Dichlorobenzene	6.99	146	566727	35.348	ng	99
14) 1,2-Dichlorobenzene	7.14	146	520749	34.503	ng	99
15) Benzyl Alcohol	7.11	79	479617	35.511	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	856932	40.560	ng	98
17) 2-Methylphenol	7.21	107	445427	37.191	ng	99
18) Hexachloroethane	7.48	117	187628	32.844	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	376584	31.828	ng	96
20) 3+4-Methylphenols	7.37	107	551904	36.034	ng	98
22) Acetophenone	7.38	105	705898	37.023	ng	# 96
24) Nitrobenzene	7.55	77	565253	40.438	ng	96
25) Isophorone	7.79	82	1033330	41.136	ng	98
26) 2-Nitrophenol	7.87	139	257915	47.536	ng	96
27) 2,4-Dimethylphenol	7.90	122	488462	45.932	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	642130	39.423	ng	99
29) 2,4-Dichlorophenol	8.11	162	432057	42.113	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	447320	38.886	ng	95
31) Naphthalene	8.28	128	1307957	38.243	ng	96
32) Benzoic acid	8.01	122	284937	38.100	ng	93
33) 4-Chloroaniline	8.32	127	178428	11.772	ng	96
34) Hexachlorobutadiene	8.39	225	292168	39.534	ng	99
35) Caprolactam	8.69	113	135695	39.103	ng	96
36) 4-Chloro-3-methylphenol	8.80	107	453224	39.936	ng	96
37) 2-Methylnaphthalene	8.97	142	915851	39.316	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	460777	43.292	ng	97
40) Hexachlorocyclopentadiene	9.12	237	167463	28.518	ng	100

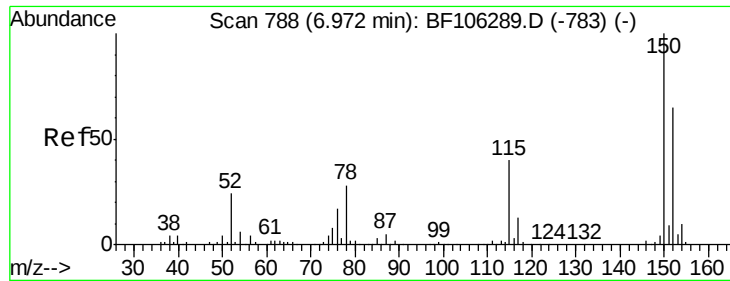
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061118\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	308001	45.409	ng	99
43) 2,4,5-Trichlorophenol	9.28	196	317908	43.477	ng	# 93
45) 1,1'-Biphenyl	9.43	154	1055953	41.582	ng	98
46) 2-Chloronaphthalene	9.46	162	831558	40.918	ng	98
47) 2-Nitroaniline	9.55	65	286985	44.890	ng	92
48) Acenaphthylene	9.88	152	1242789	39.953	ng	96
49) Dimethylphthalate	9.73	163	1187148	50.681	ng	# 97
50) 2,6-Dinitrotoluene	9.80	165	210944	44.087	ng	96
51) Acenaphthene	10.05	154	777321	38.695	ng	98
52) 3-Nitroaniline	9.96	138	146380	25.776	ng	96
53) 2,4-Dinitrophenol	10.07	184	101118	49.687	ng	# 17
54) Dibenzofuran	10.22	168	1059322	39.160	ng	95
55) 4-Nitrophenol	10.11	139	305848	70.263	ng	92
56) 2,4-Dinitrotoluene	10.20	165	261536	43.528	ng	99
57) Fluorene	10.57	166	787354	36.737	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	254129	43.850	ng	# 84
59) Diethylphthalate	10.43	149	931145	40.050	ng	95
60) 4-Chlorophenyl-phenylether	10.55	204	437098	38.775	ng	# 88
61) 4-Nitroaniline	10.58	138	172490	31.218	ng	97
62) Azobenzene	10.71	77	912841	37.654	ng	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	74372	29.188	ng	83
65) n-Nitrosodiphenylamine	10.67	169	770127	43.793	ng	96
66) 4-Bromophenyl-phenylether	11.04	248	278588	46.811	ng	# 86
67) Hexachlorobenzene	11.11	284	266003	43.354	ng	# 90
68) Atrazine	11.19	200	247743	45.714	ng	98
69) Pentachlorophenol	11.30	266	280348	74.216	ng	97
70) Phenanthrene	11.53	178	1076759	42.019	ng	98
71) Anthracene	11.58	178	1072371	41.772	ng	98
72) Carbazole	11.73	167	929566	39.221	ng	98
73) Di-n-butylphthalate	12.05	149	1215509	46.080	ng	98
74) Fluoranthene	12.72	202	1181980	43.251	ng	97
76) Benzidine	12.84	184	692101	42.803	ng	99
77) Pyrene	12.95	202	1251062	41.131	ng	96
79) Butylbenzylphthalate	13.56	149	488062	42.866	ng	# 96
80) Benzo(a)anthracene	14.14	228	1235961	42.749	ng	96
81) 3,3'-Dichlorobenzidine	14.09	252	411593	42.193	ng	96
82) Chrysene	14.18	228	1151044	43.605	ng	96
83) Bis(2-ethylhexyl)phthalate	14.11	149	700191	42.890	ng	100
84) Di-n-octyl phthalate	14.74	149	1201508	51.052	ng	100
85) Indeno(1,2,3-cd)pyrene	17.23	276	903544	42.889	ng	# 93
87) Benzo(b)fluoranthene	15.22	252	1166571	44.675	ng	96
88) Benzo(k)fluoranthene	15.22	252	1166571	45.109	ng	96
89) Benzo(a)pyrene	15.61	252	1037474	44.172	ng	96
90) Dibenzo(a,h)anthracene	17.25	278	737984	37.688	ng	96
91) Benzo(g,h,i)perylene	17.71	276	712961	37.466	ng	# 92

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

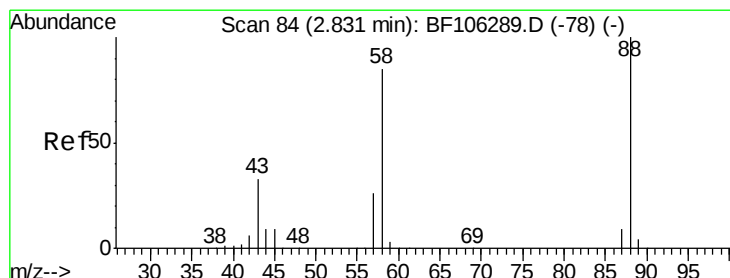
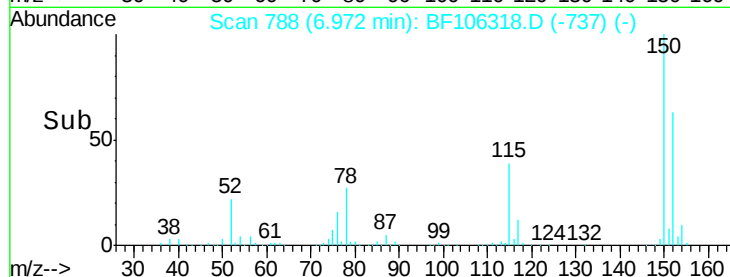
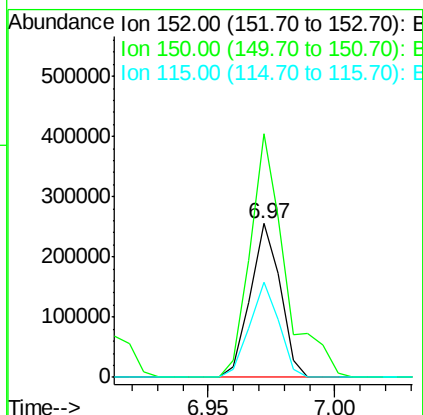
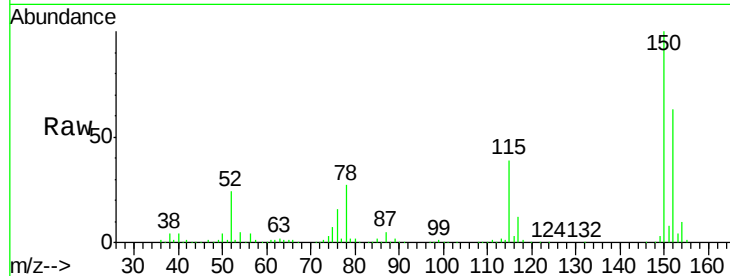


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
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CAS1-SB-02-03-1-27MSD

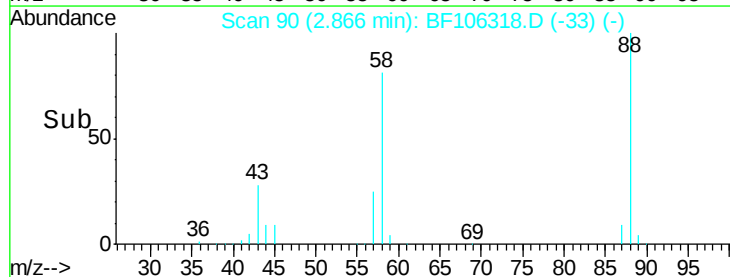
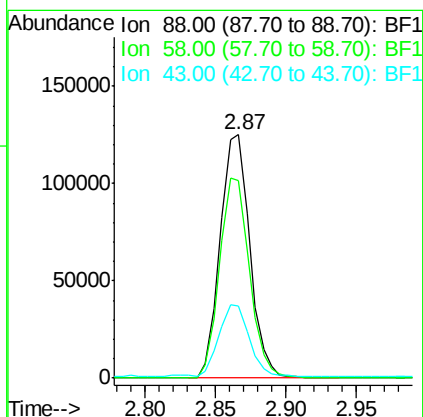
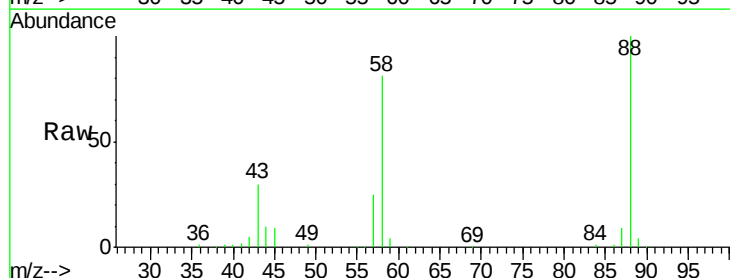
Tgt Ion:152 Resp: 211273
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 62.0 50.1 75.1

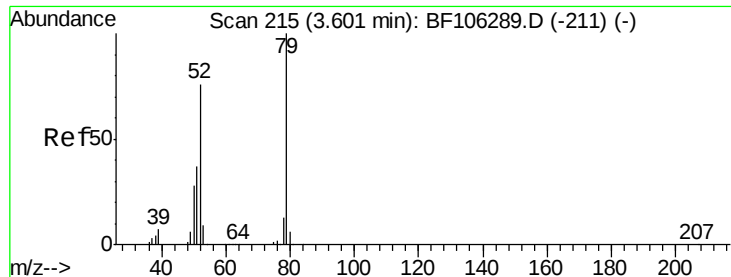


#2

1,4-Dioxane
Concen: 28.390 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.04 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion: 88 Resp: 183408
Ion Ratio Lower Upper
88 100
58 83.1 62.6 93.8
43 30.7 24.6 37.0





#3

Pyridine

Concen: 30.589 ng

RT: 3.63 min Scan# 220

Delta R.T. 0.03 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

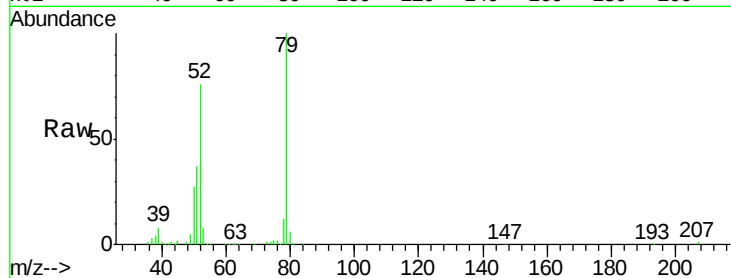
Tgt Ion: 79 Resp: 550692

Ion Ratio Lower Upper

79 100

52 75.6 59.8 89.6

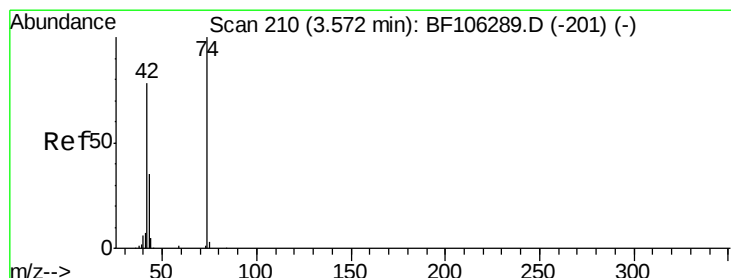
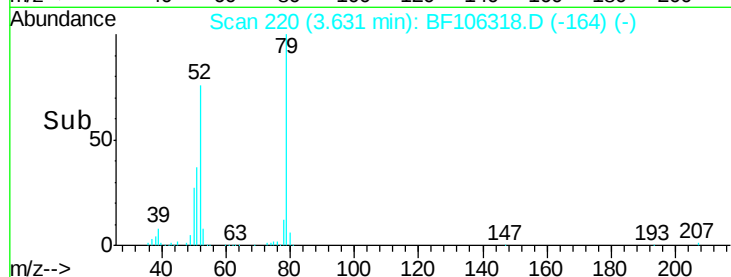
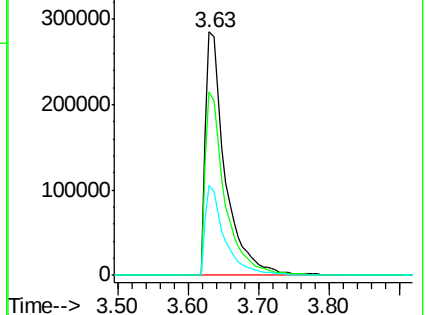
51 36.8 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 32.531 ng

RT: 3.59 min Scan# 213

Delta R.T. 0.02 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

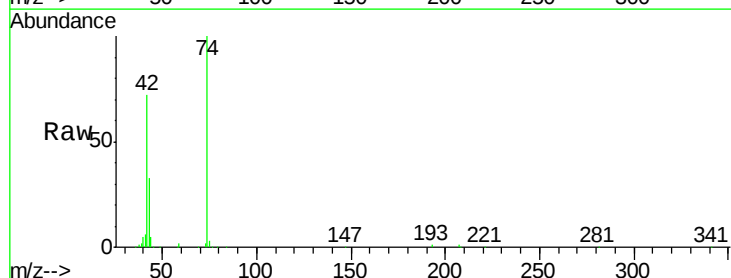
Tgt Ion: 42 Resp: 268298

Ion Ratio Lower Upper

42 100

74 138.3 104.9 157.3

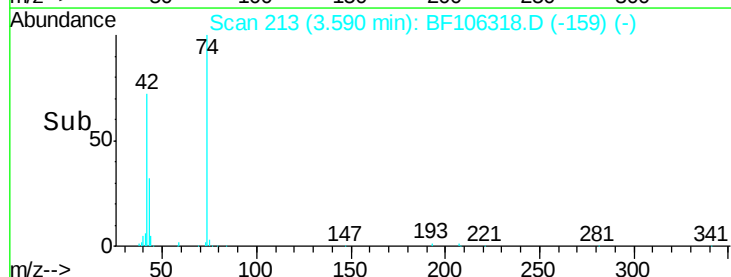
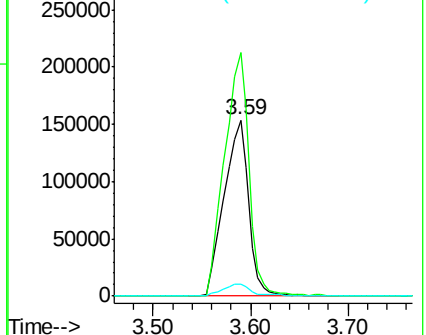
44 7.1 6.9 10.3

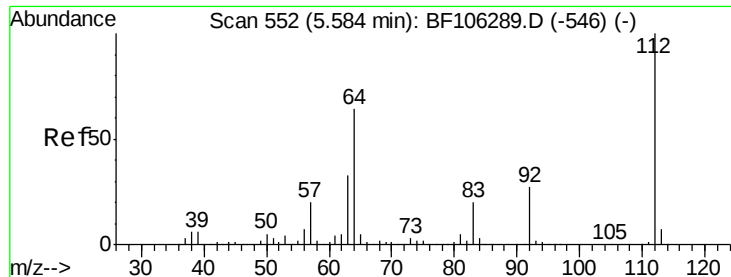


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 104.365 ng

RT: 5.60 min Scan# 554

Delta R.T. 0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

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ClientSampleId :

CAS1-SB-02-03-1-27MSD

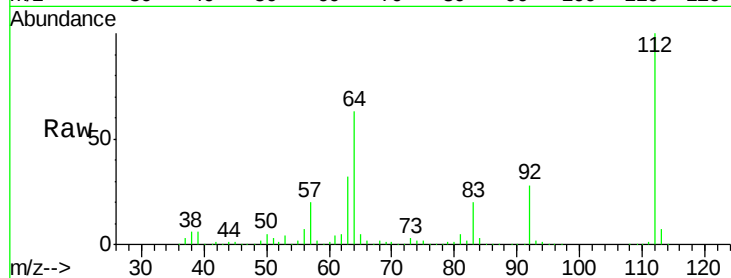
Tgt Ion: 112 Resp: 1302781

Ion Ratio Lower Upper

112 100

64 63.4 47.9 71.9

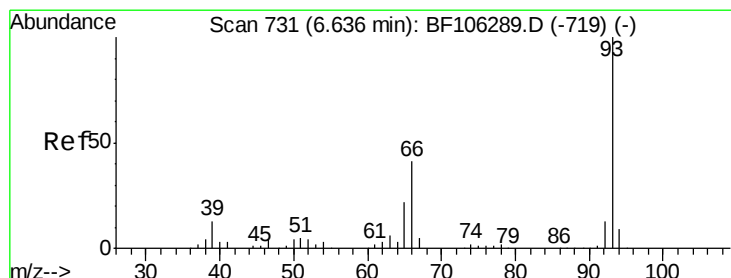
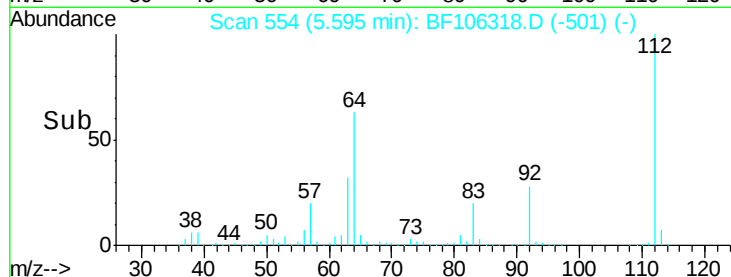
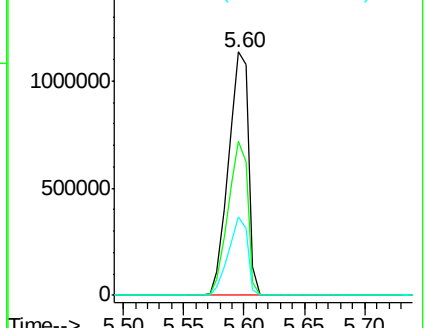
63 32.3 23.7 35.5



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: 25.957 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

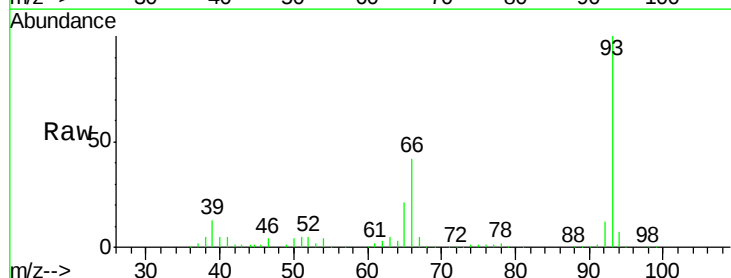
Tgt Ion: 93 Resp: 597779

Ion Ratio Lower Upper

93 100

66 41.6 32.2 48.2

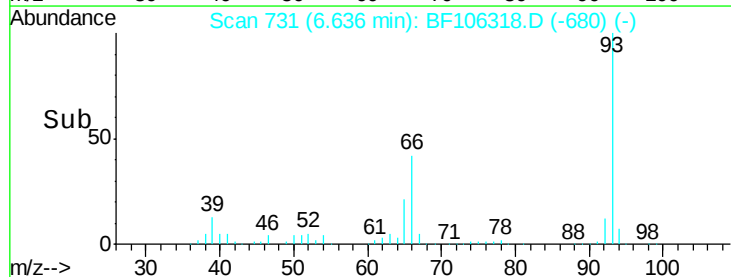
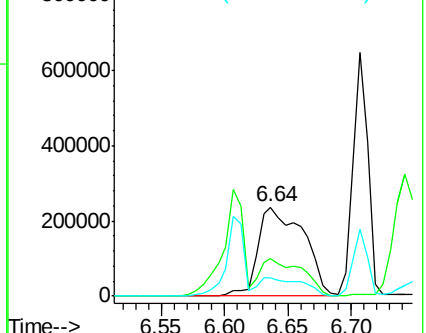
65 21.0 16.4 24.6

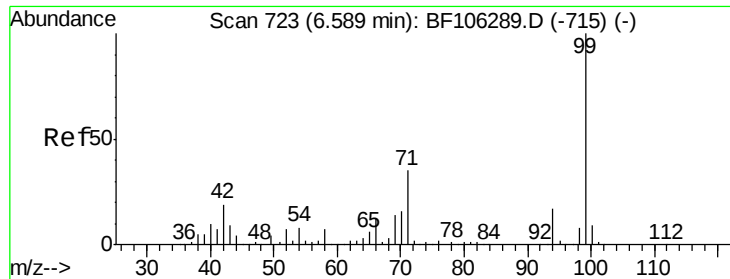


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.649 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

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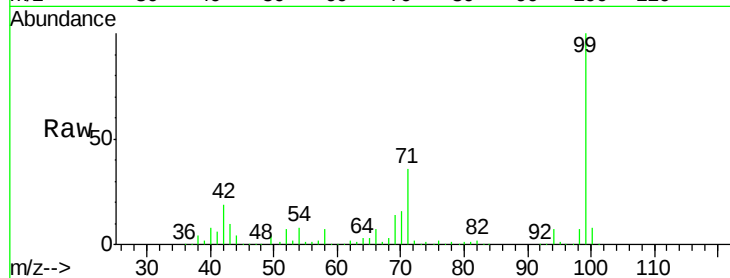
Tgt Ion: 99 Resp: 1666195

Ion Ratio Lower Upper

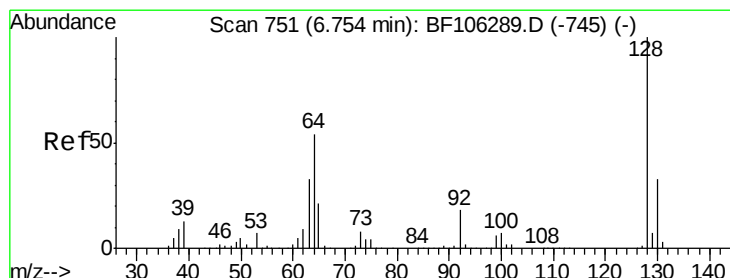
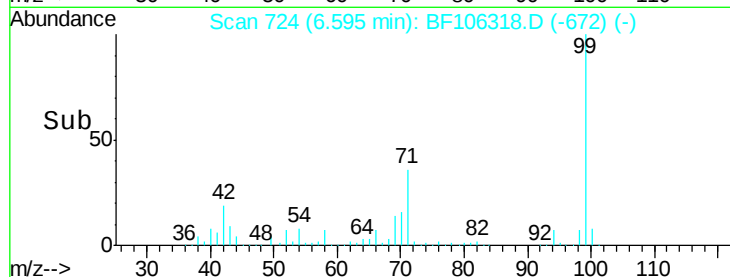
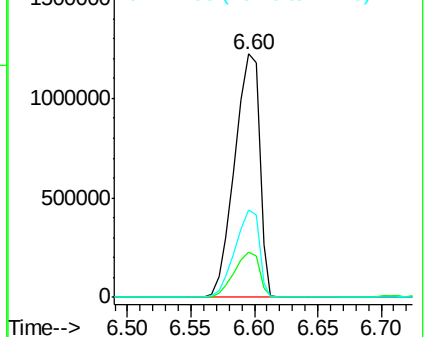
99 100

42 18.6 14.5 21.7

71 36.1 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: 36.715 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

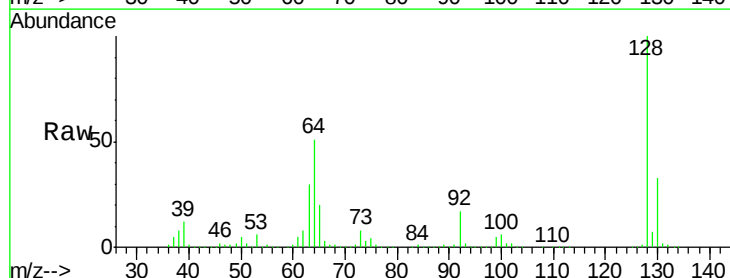
Tgt Ion: 128 Resp: 492856

Ion Ratio Lower Upper

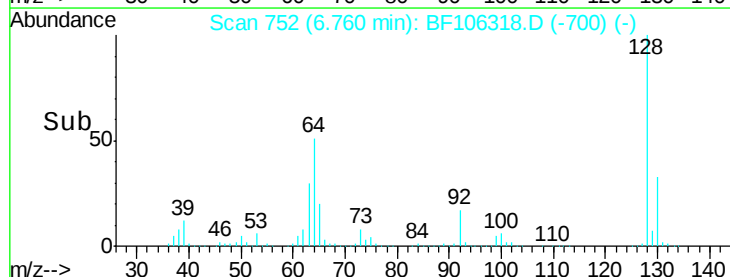
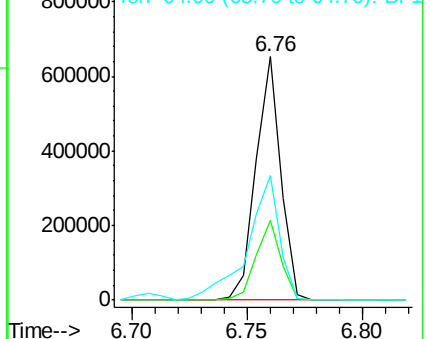
128 100

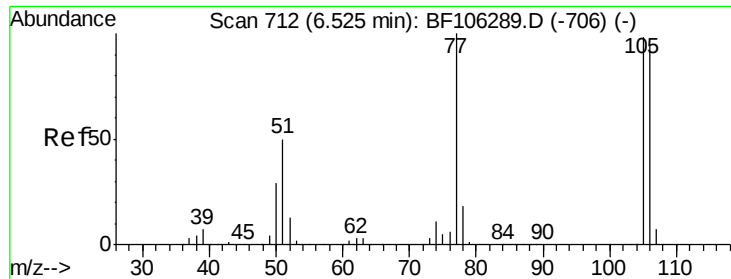
130 32.9 13.0 53.0

64 51.2 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: 20.277 ng

RT: 6.52 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

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CAS1-SB-02-03-1-27MSD

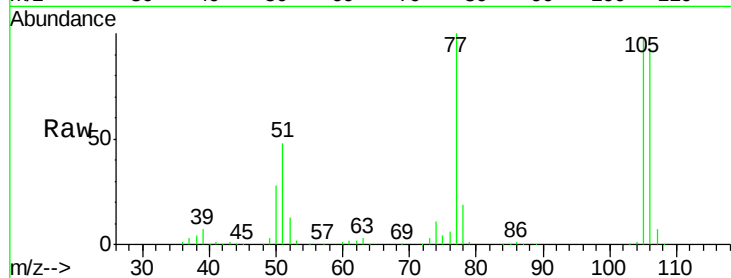
Tgt Ion: 77 Resp: 242559

Ion Ratio Lower Upper

77 100

105 98.2 81.1 121.1

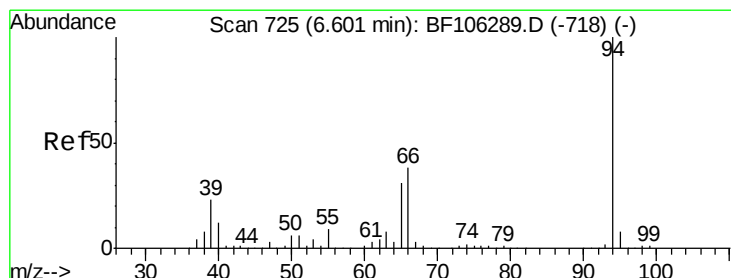
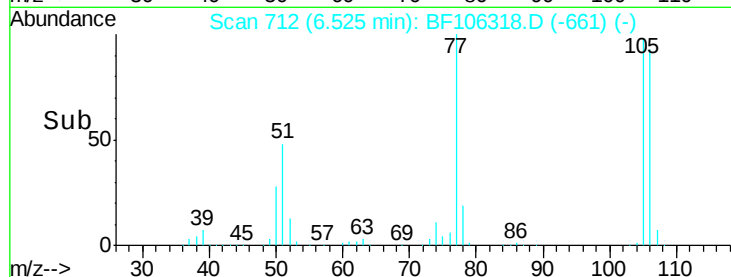
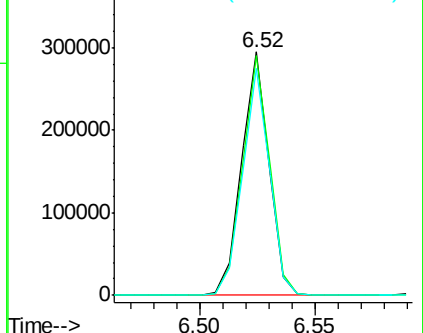
106 93.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.998 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

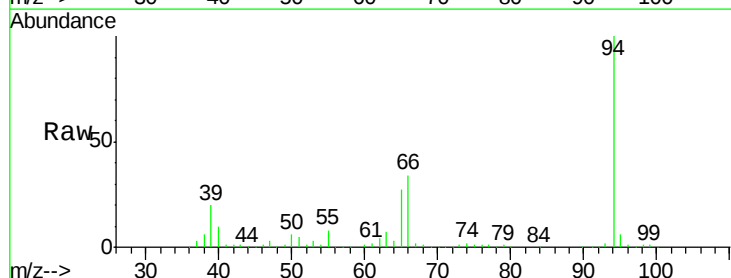
Tgt Ion: 94 Resp: 636993

Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

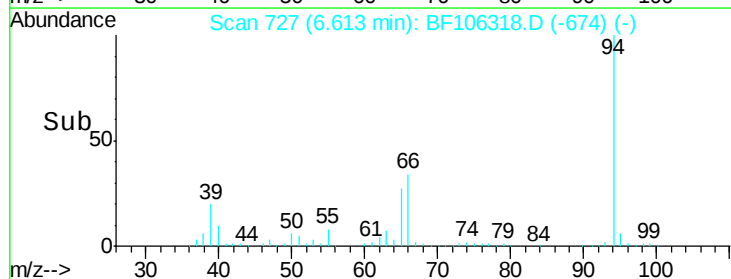
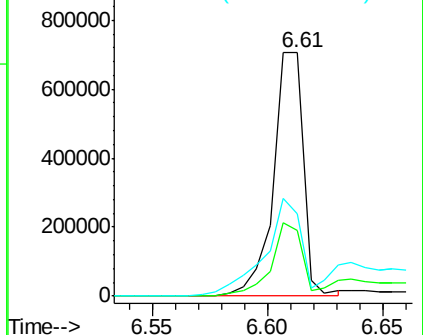
66 34.1 16.2 56.2

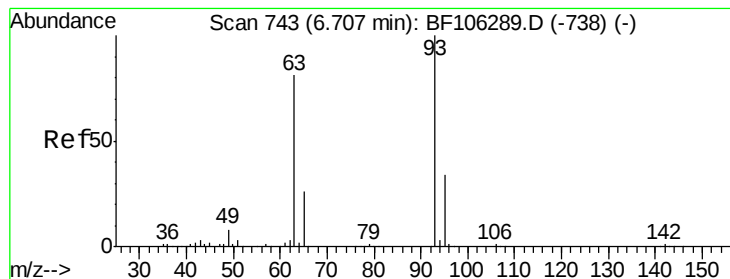


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 34.980 ng

RT: 6.71 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

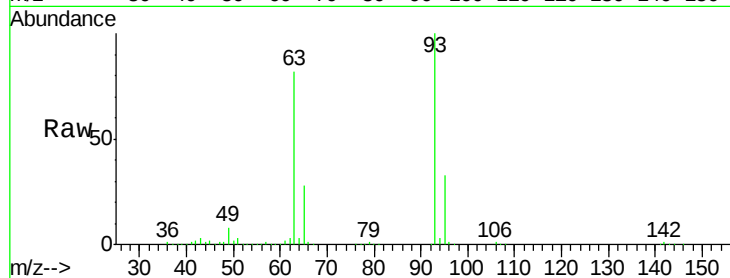
Tgt Ion: 93 Resp: 515571

Ion Ratio Lower Upper

93 100

63 81.5 58.6 98.6

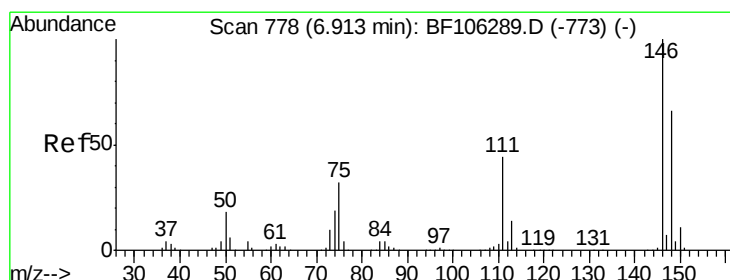
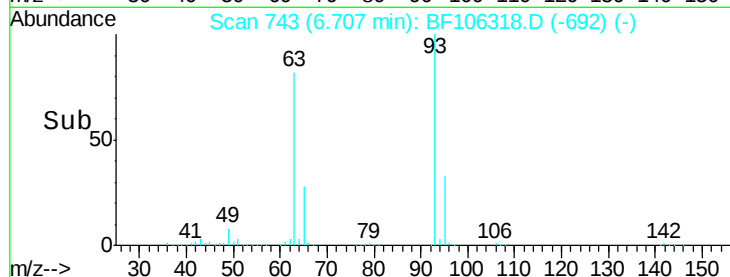
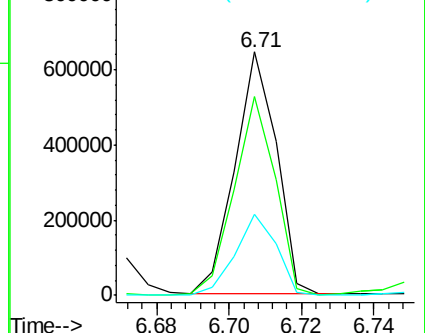
95 33.4 11.8 51.8



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: 35.498 ng

RT: 6.91 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

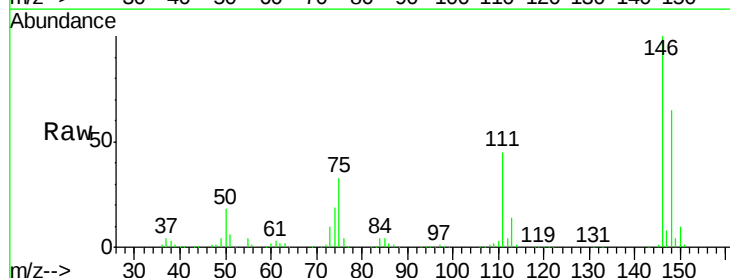
Tgt Ion: 146 Resp: 560839

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

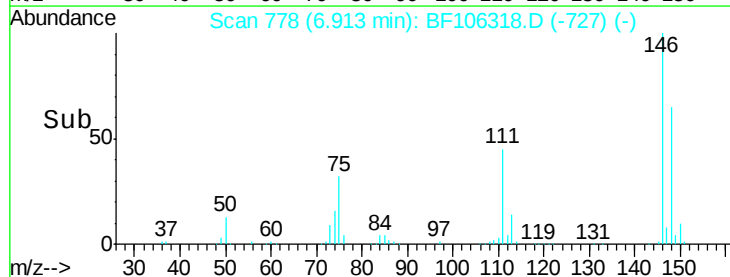
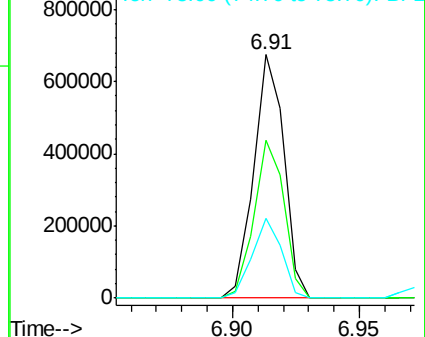
75 32.7 24.2 36.4

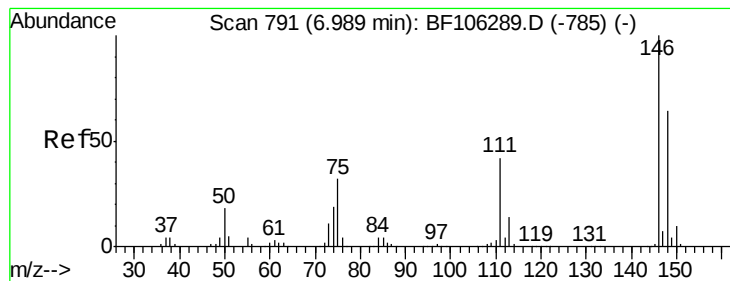


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 35.348 ng

RT: 6.99 min Scan# 791

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

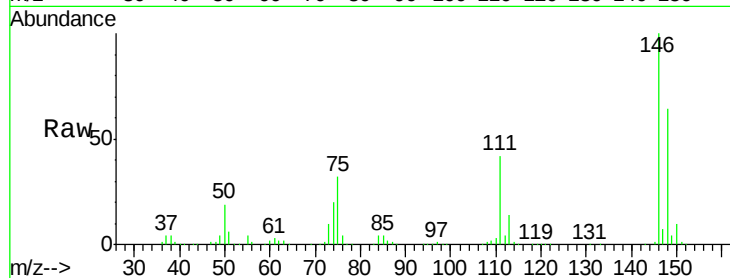
Tgt Ion:146 Resp: 566727

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

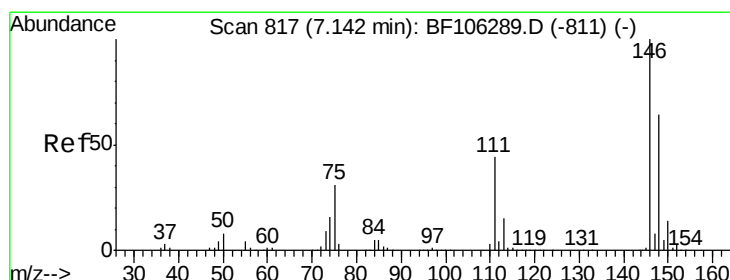
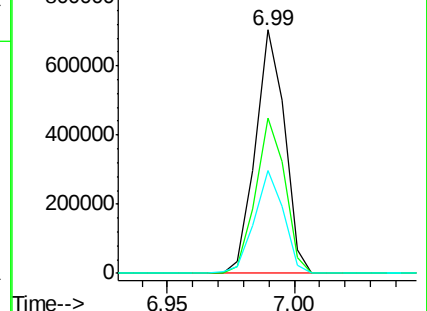
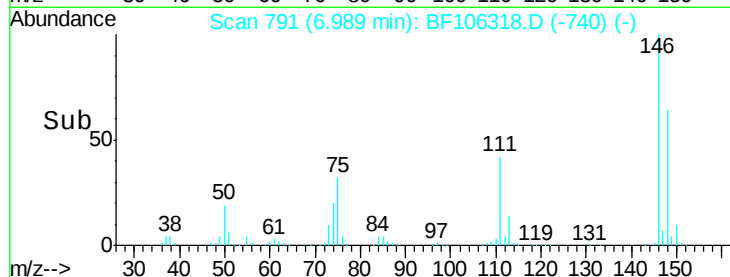
111 42.0 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.503 ng

RT: 7.14 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

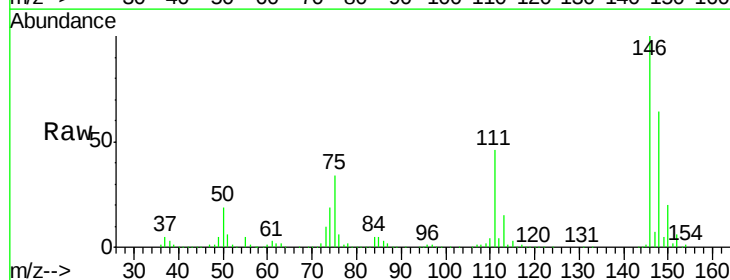
Tgt Ion:146 Resp: 520749

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

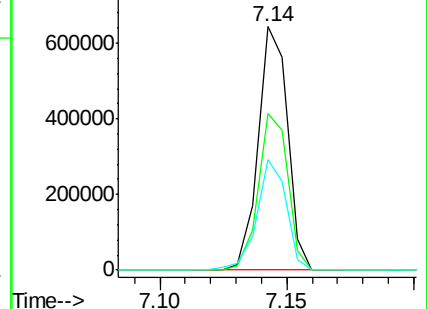
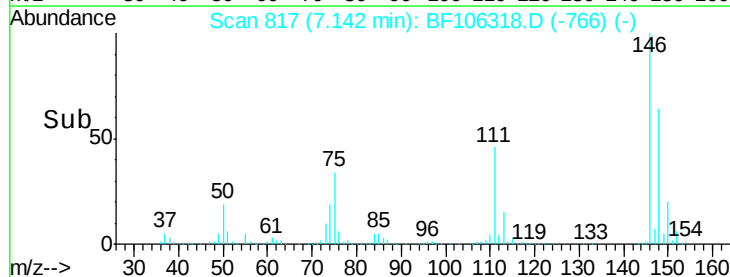
111 45.6 36.0 54.0

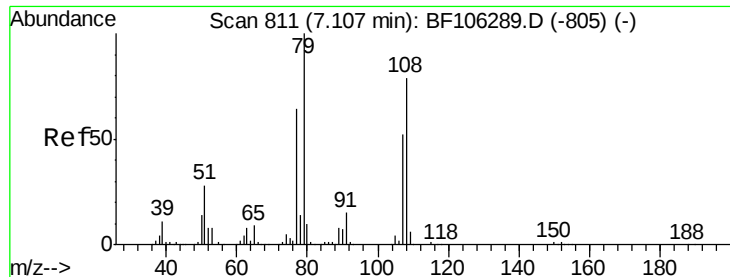


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.511 ng

RT: 7.11 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

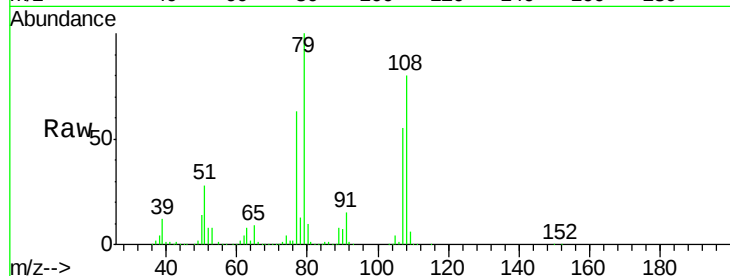
Tgt Ion: 79 Resp: 479617

Ion Ratio Lower Upper

79 100

108 80.2 65.1 97.7

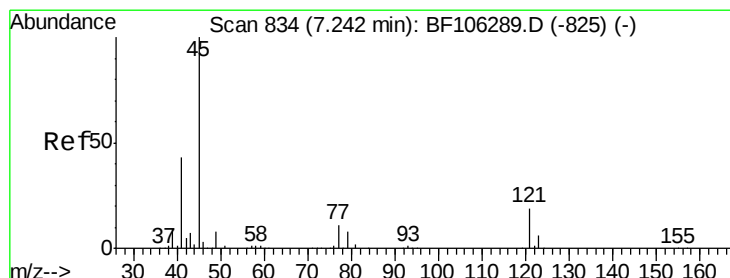
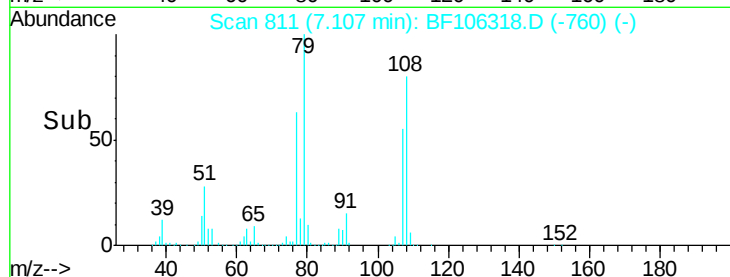
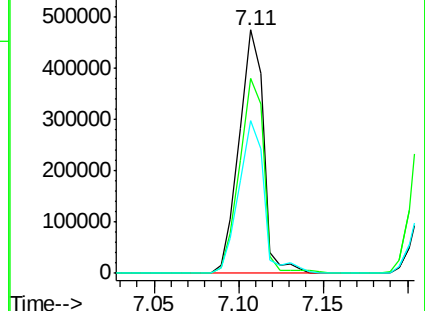
77 62.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.560 ng

RT: 7.24 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

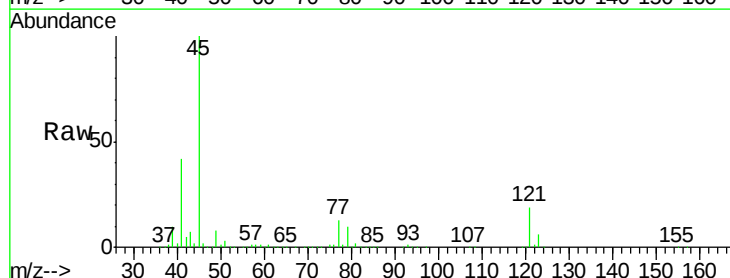
Tgt Ion: 45 Resp: 856932

Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

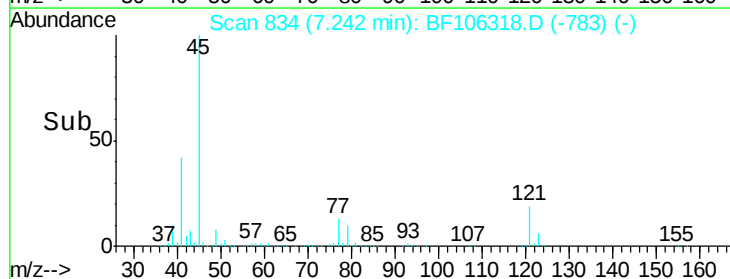
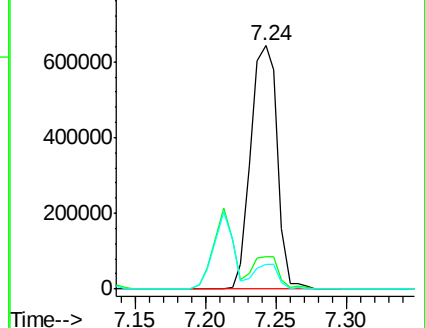
79 10.4 0.0 29.6

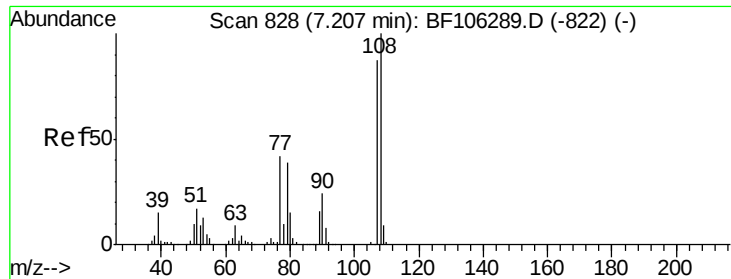


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

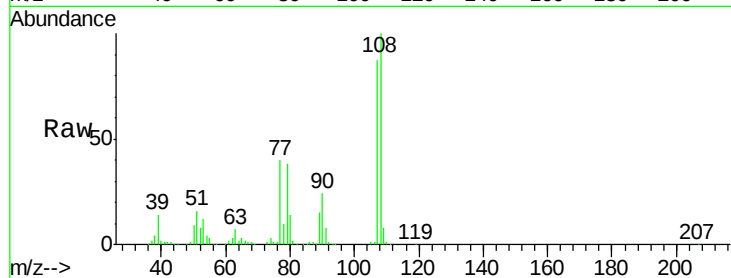




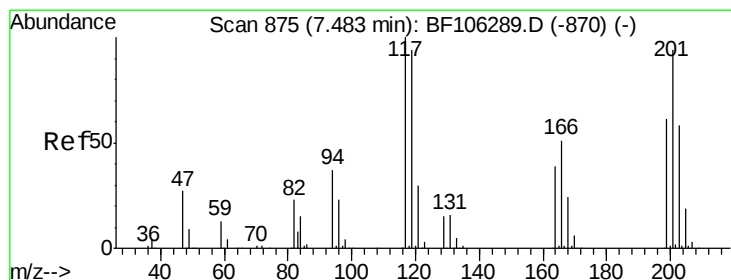
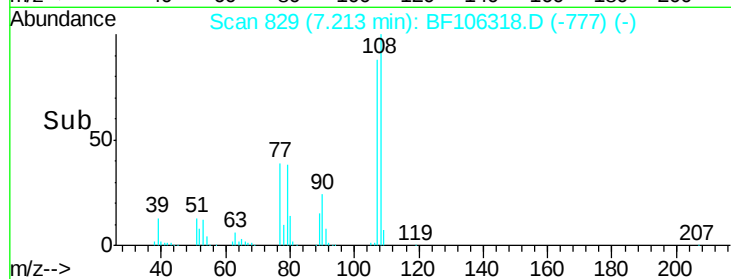
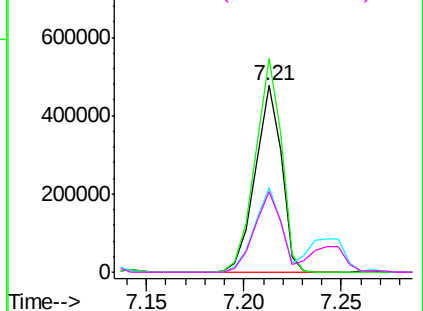
#17
2-Methylphenol
Concen: 37.191 ng
RT: 7.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tgt Ion:107 Resp: 445427
Ion Ratio Lower Upper
107 100
108 114.3 91.7 137.5
77 45.2 33.8 50.8
79 43.1 33.8 50.8

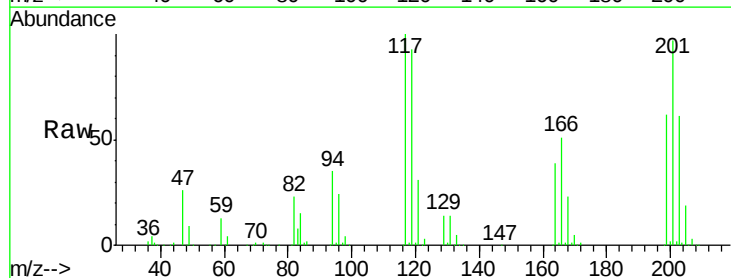


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

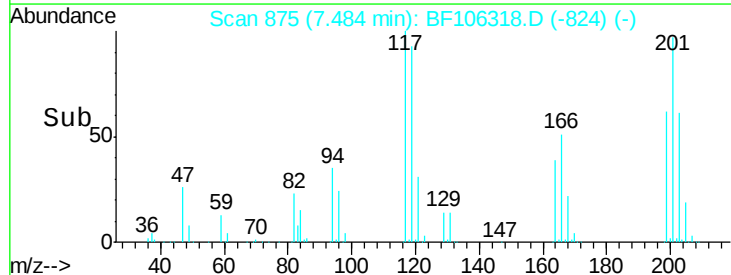
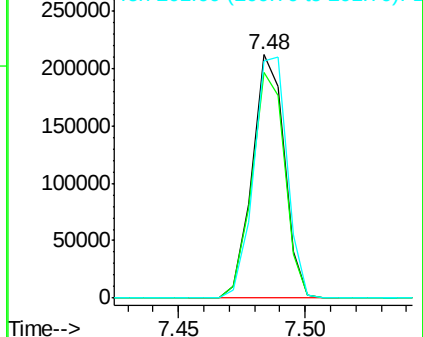


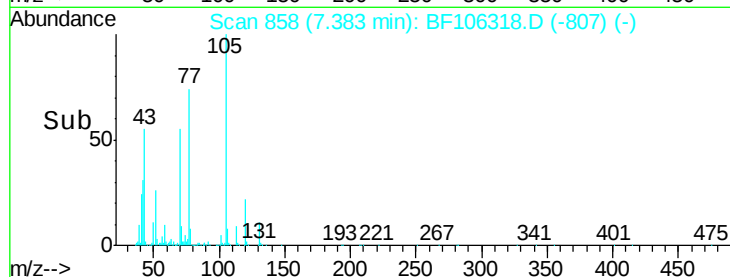
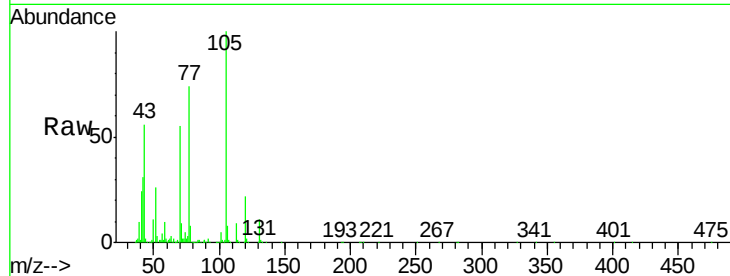
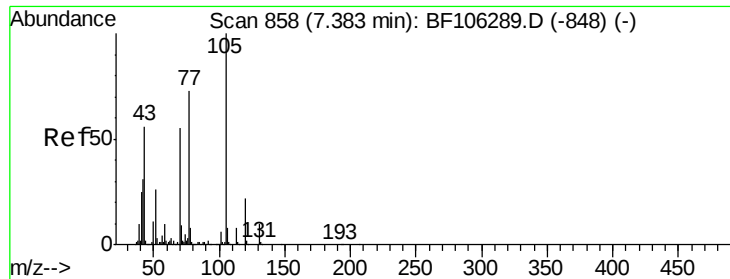
#18
Hexachloroethane
Concen: 32.844 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion:117 Resp: 187628
Ion Ratio Lower Upper
117 100
119 92.8 75.8 113.8
201 97.2 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

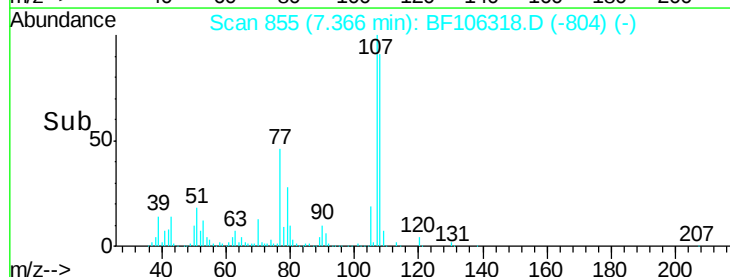
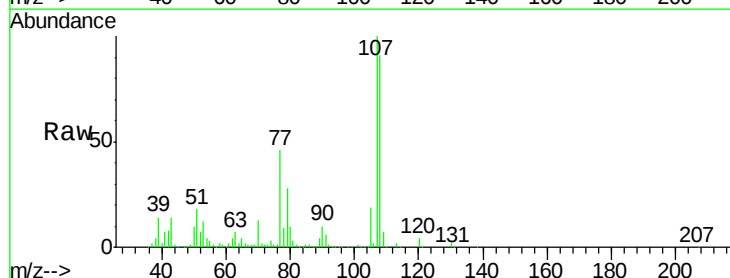
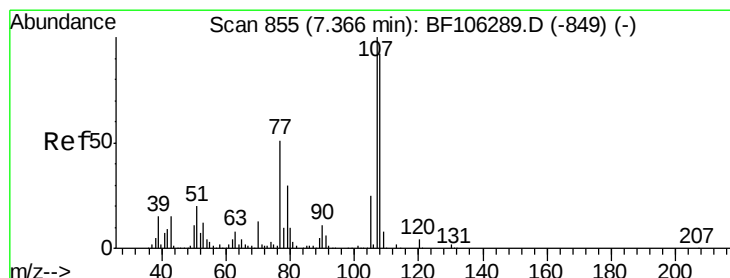
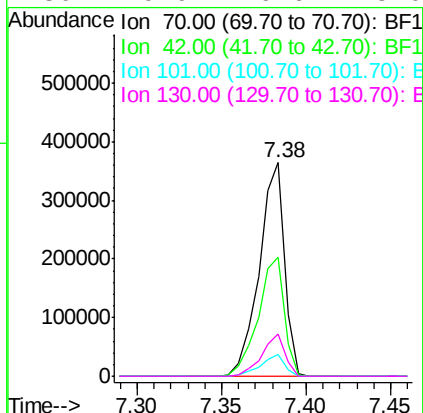




#19
n-Nitroso-di-n-propylamine
Concen: 31.828 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

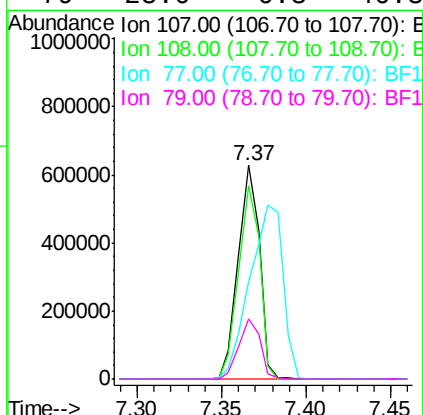
Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

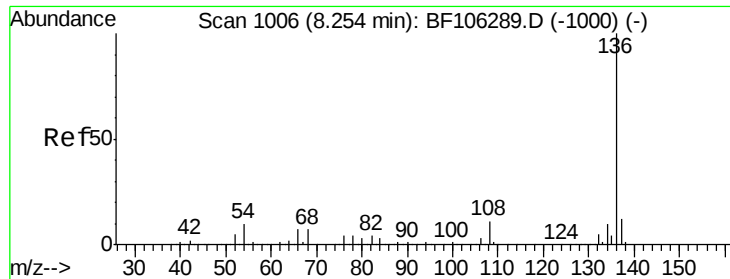
Tgt Ion: 70 Resp: 376584
Ion Ratio Lower Upper
70 100
42 55.9 47.5 71.3
101 10.0 7.4 11.2
130 19.9 16.6 25.0



#20
3+4-Methylphenols
Concen: 36.034 ng
RT: 7.37 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion: 107 Resp: 551904
Ion Ratio Lower Upper
107 100
108 90.5 68.2 108.2
77 45.8 26.7 66.7
79 28.0 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

Tgt Ion:136 Resp: 756581

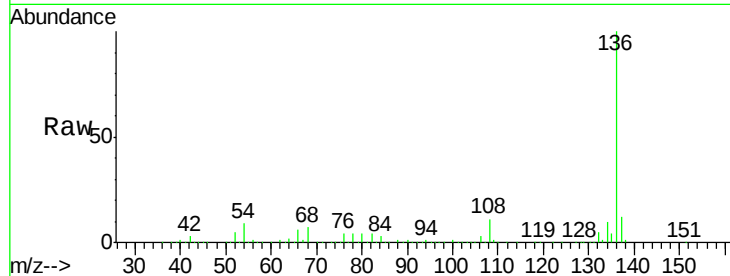
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 9.2 6.6 9.8

68 7.4 5.0 7.4

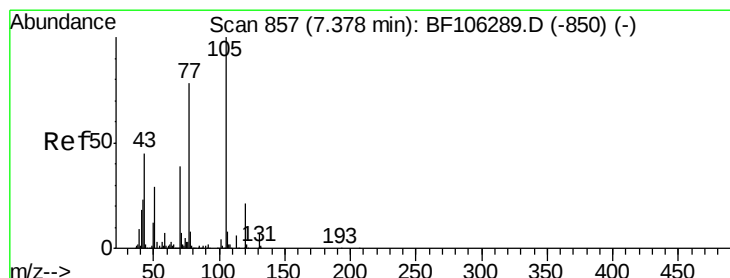
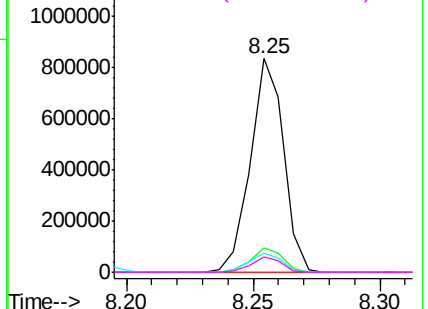
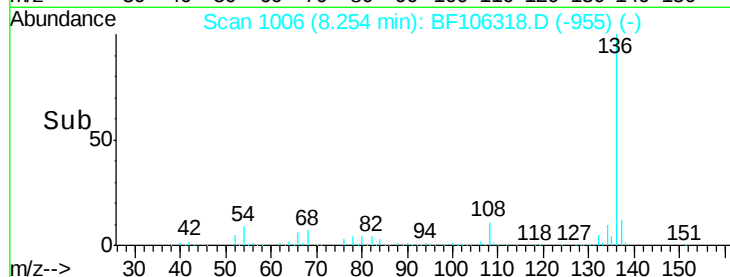


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.023 ng

RT: 7.38 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Tgt Ion:105 Resp: 705898

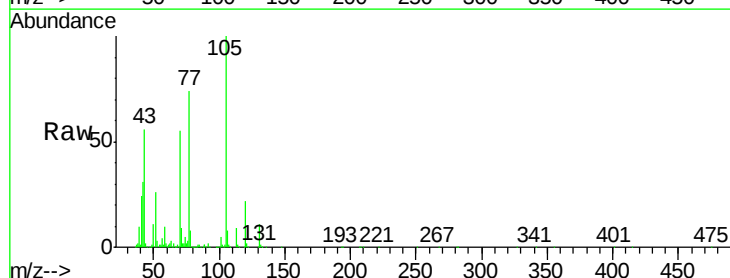
Ion Ratio Lower Upper

105 100

71 9.0 4.4 6.6#

51 25.9 22.3 33.5

120 22.1 16.9 25.3

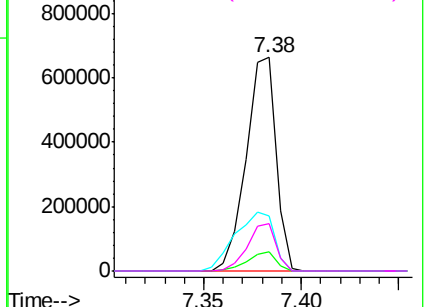
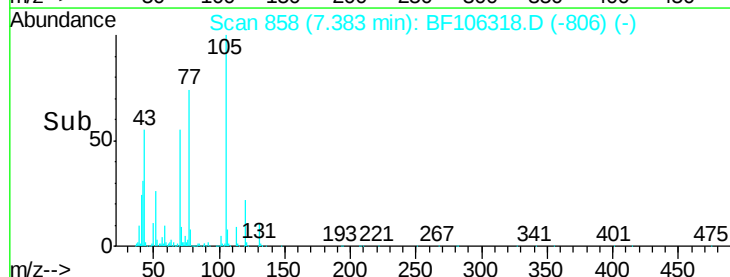


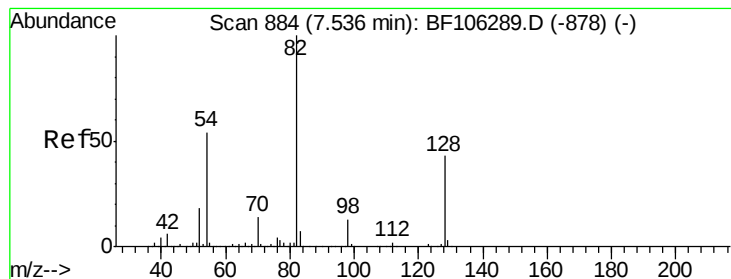
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 84.861 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

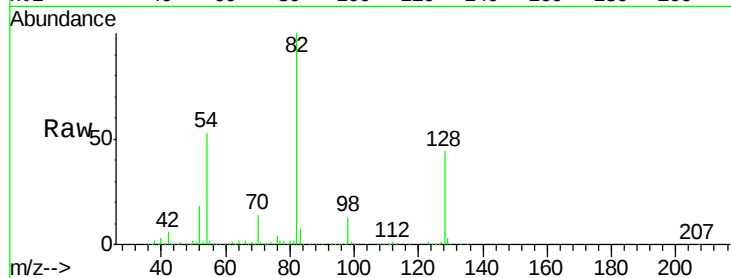
Tgt Ion: 82 Resp: 1091383

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

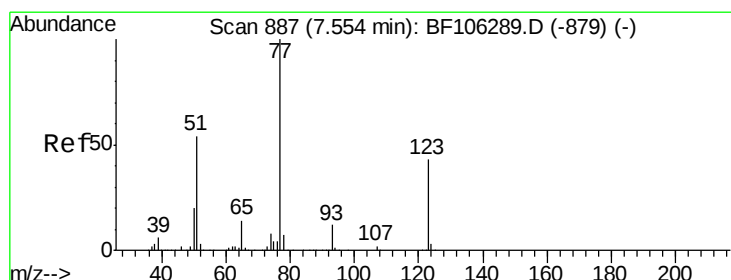
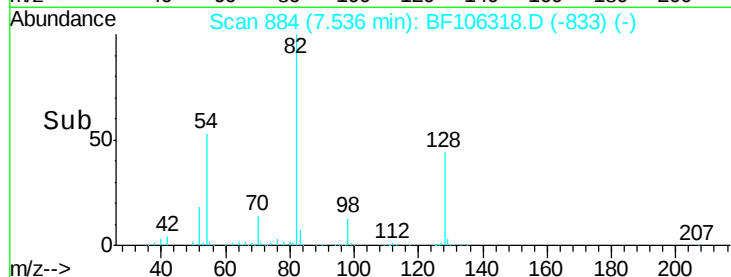
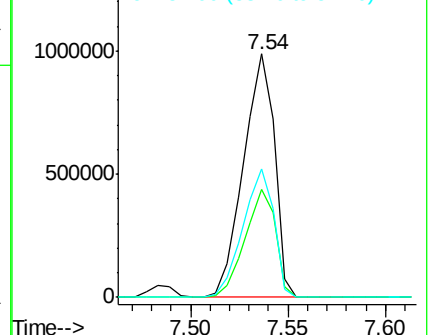
54 52.9 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 40.438 ng

RT: 7.55 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

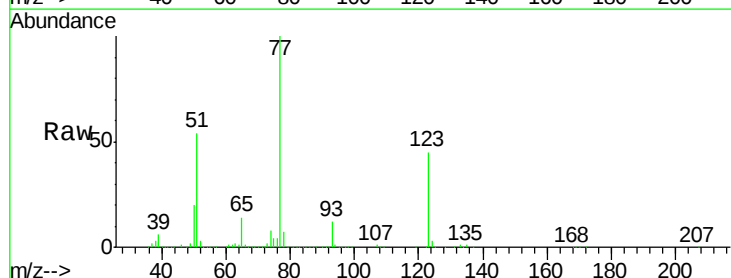
Tgt Ion: 77 Resp: 565253

Ion Ratio Lower Upper

77 100

123 44.5 37.9 56.9

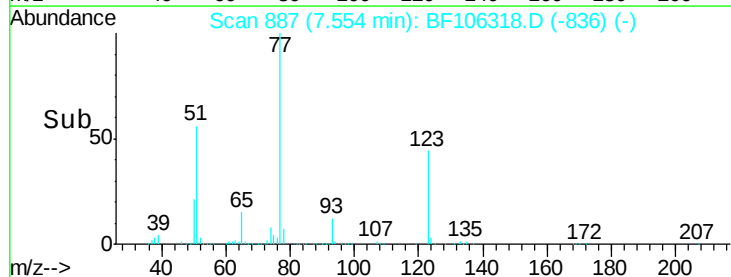
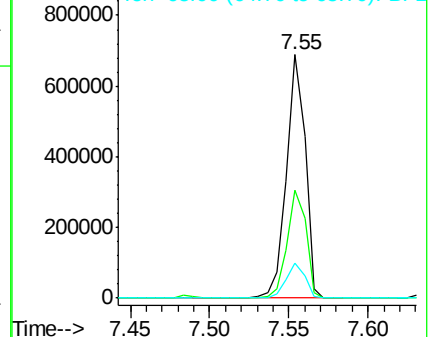
65 14.2 11.0 16.4

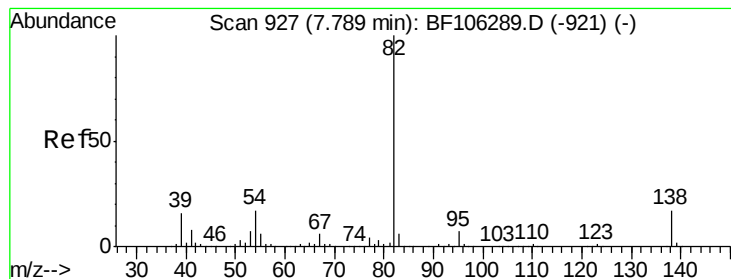


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.136 ng

RT: 7.79 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

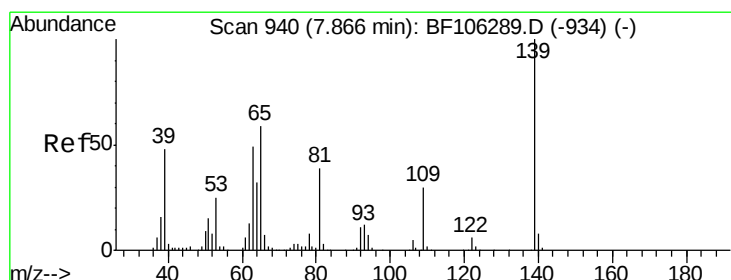
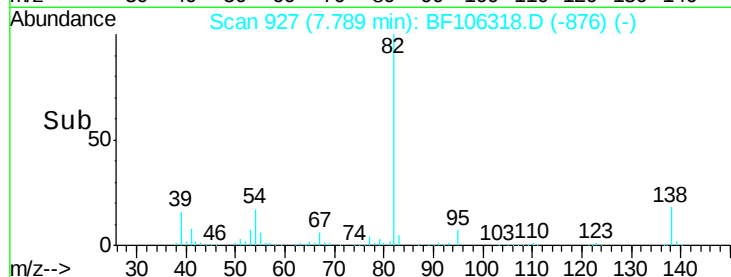
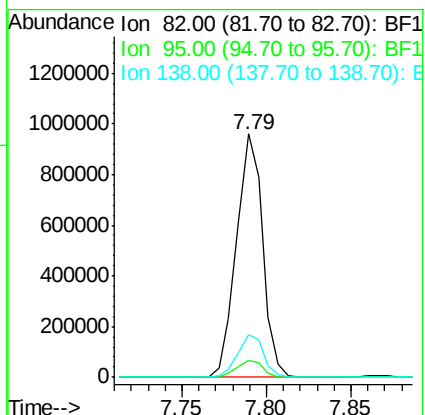
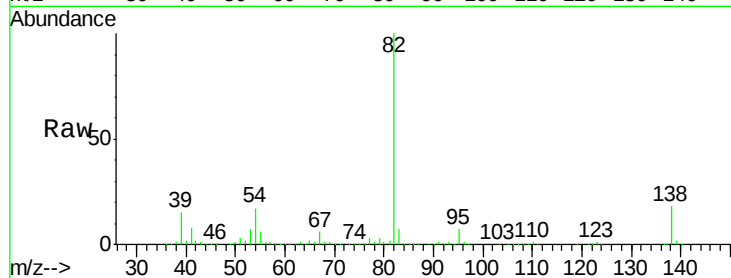
Tgt Ion: 82 Resp: 1033330

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 47.536 ng

RT: 7.87 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

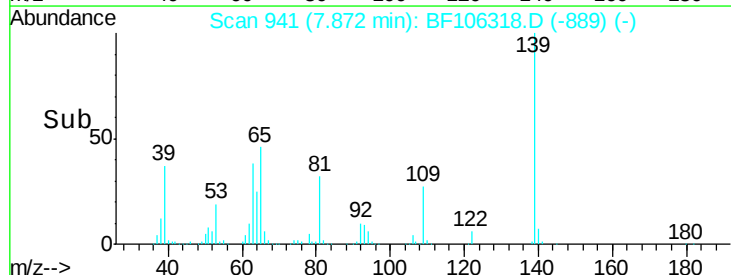
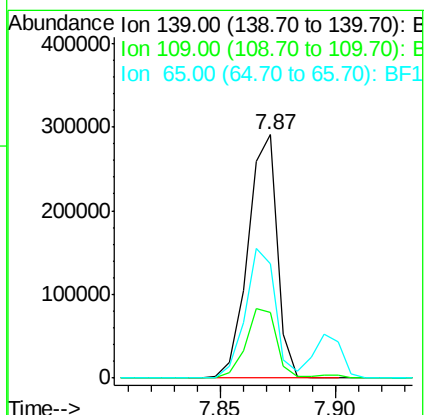
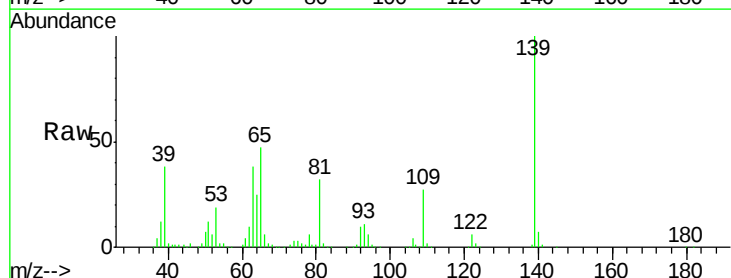
Tgt Ion: 139 Resp: 257915

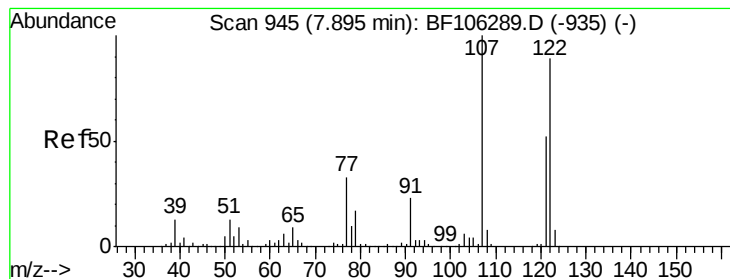
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 46.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 45.932 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

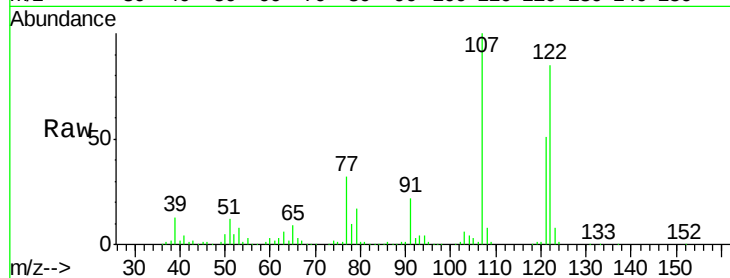
Tgt Ion:122 Resp: 488462

Ion Ratio Lower Upper

122 100

107 117.1 91.2 136.8

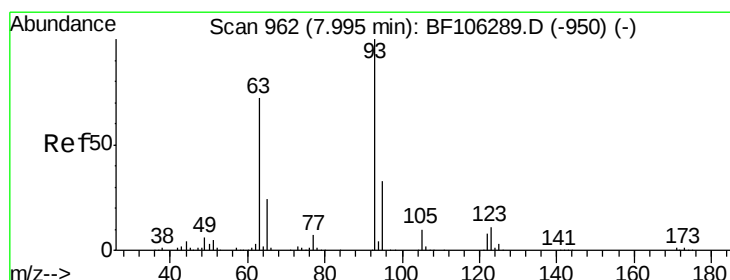
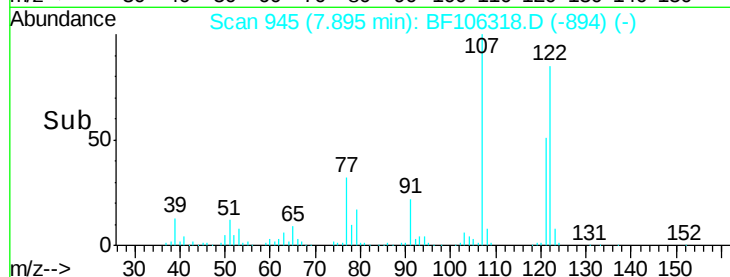
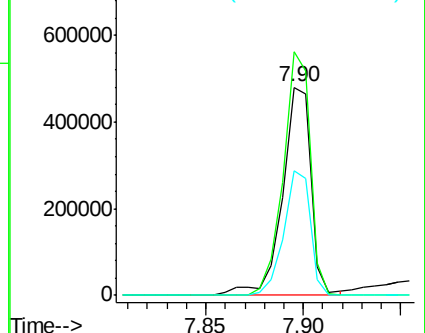
121 59.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.423 ng

RT: 8.00 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

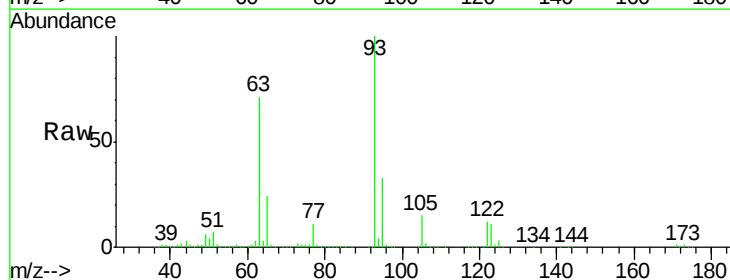
Tgt Ion: 93 Resp: 642130

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

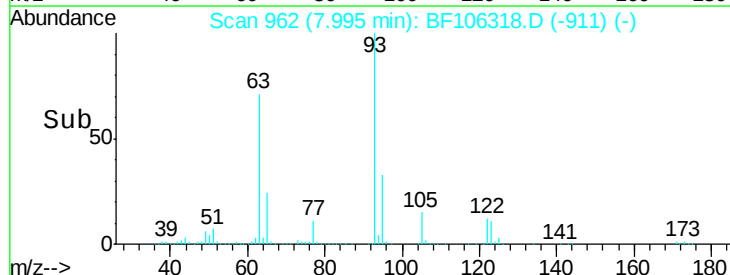
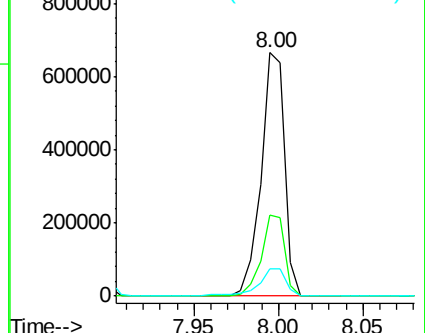
123 11.4 9.8 14.6

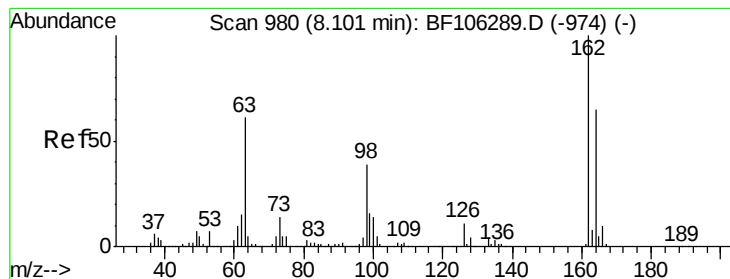


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.113 ng

RT: 8.11 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

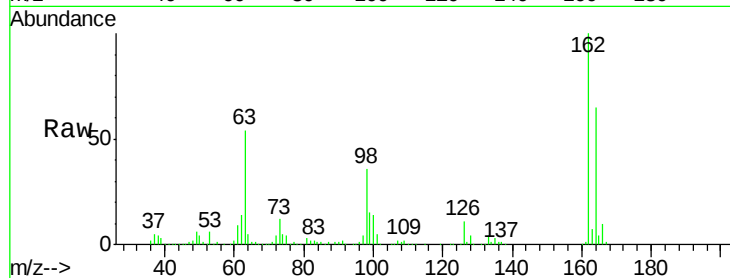
Tgt Ion:162 Resp: 432057

Ion Ratio Lower Upper

162 100

164 64.7 42.7 82.7

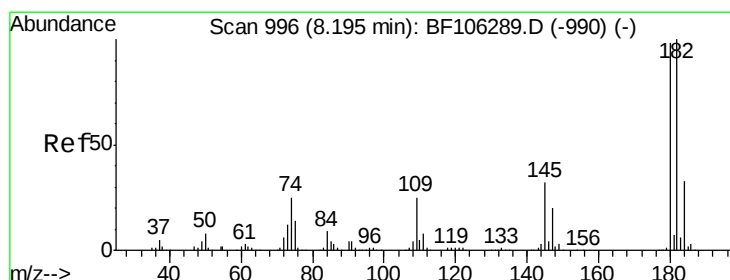
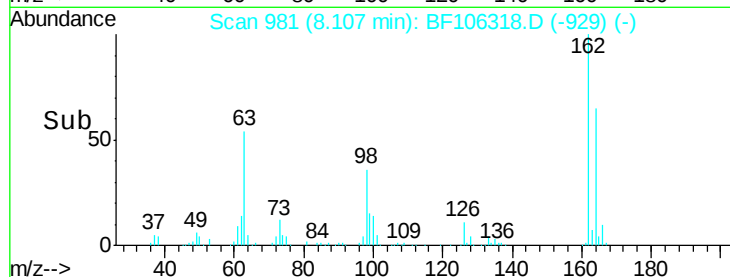
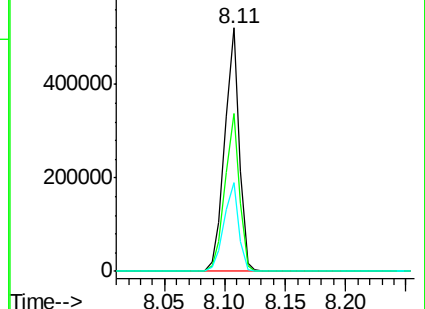
98 36.4 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.886 ng

RT: 8.20 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

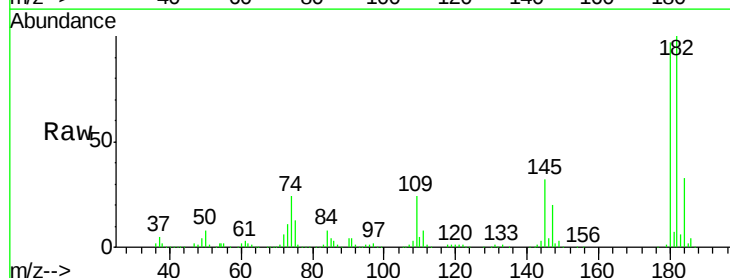
Tgt Ion:180 Resp: 447320

Ion Ratio Lower Upper

180 100

182 102.8 76.8 115.2

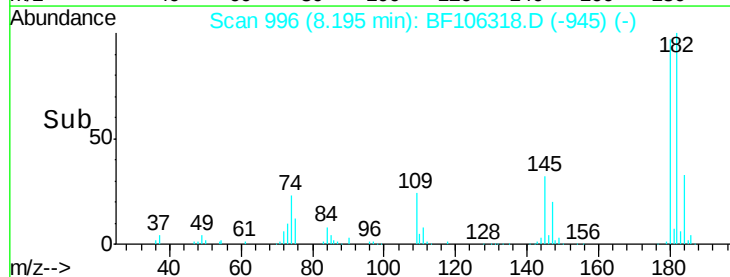
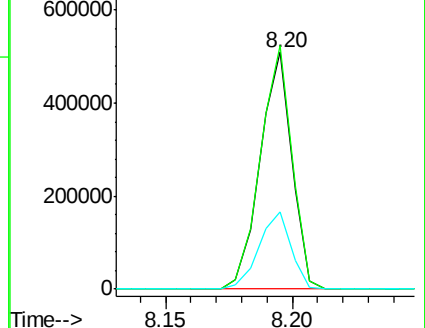
145 32.8 26.5 39.7

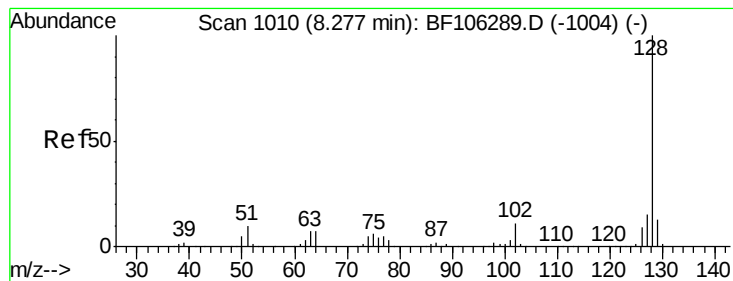


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.243 ng

RT: 8.28 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

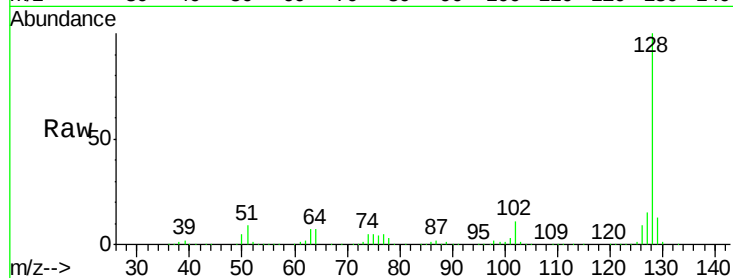
Tgt Ion:128 Resp: 1307957

Ion Ratio Lower Upper

128 100

129 12.9 8.8 13.2

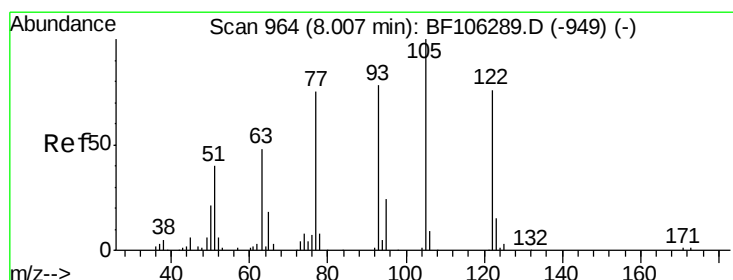
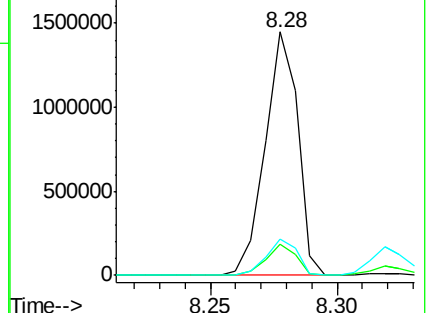
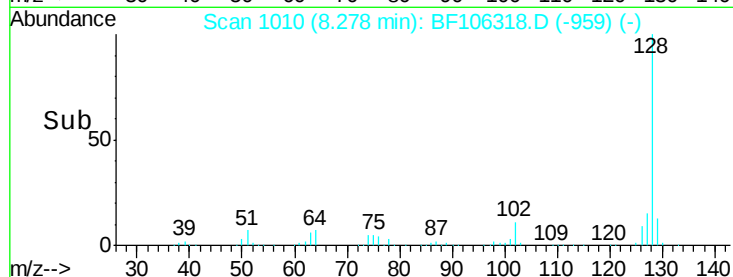
127 15.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.100 ng

RT: 8.01 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

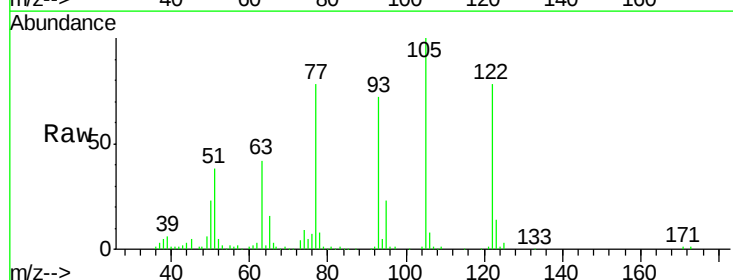
Tgt Ion:122 Resp: 284937

Ion Ratio Lower Upper

122 100

105 127.6 101.1 141.1

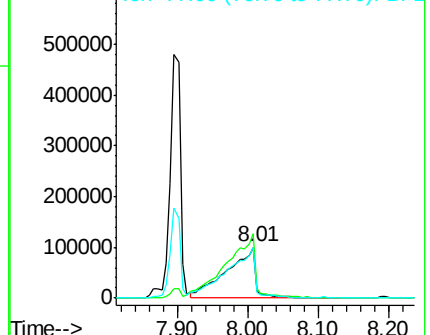
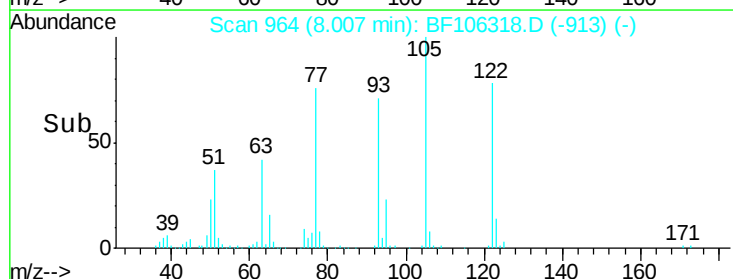
77 99.0 70.7 110.7

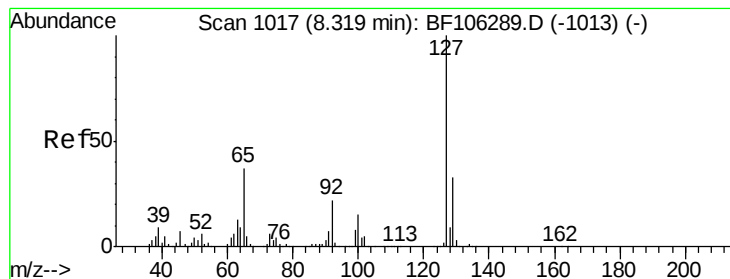


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 11.772 ng

RT: 8.32 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

Tgt Ion:127 Resp: 178428

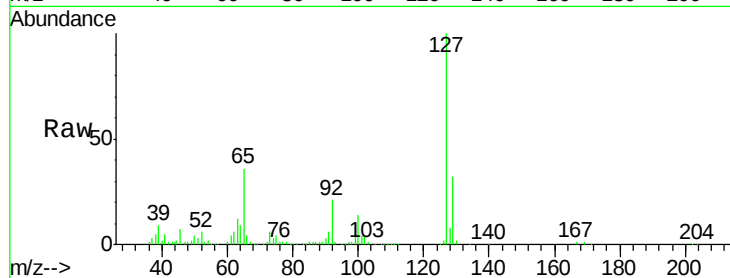
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 36.1 25.0 37.4

92 20.7 15.2 22.8

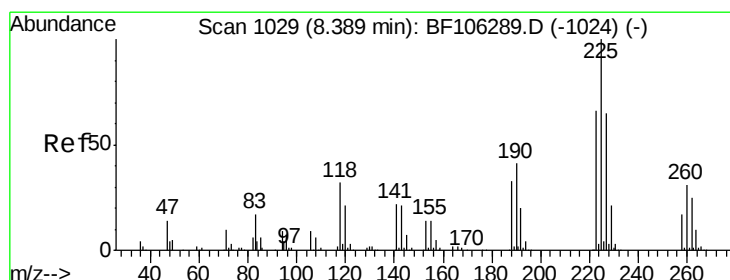
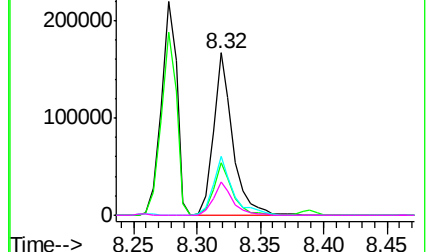
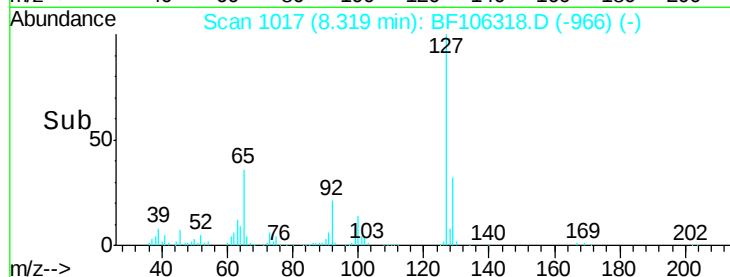


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.534 ng

RT: 8.39 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

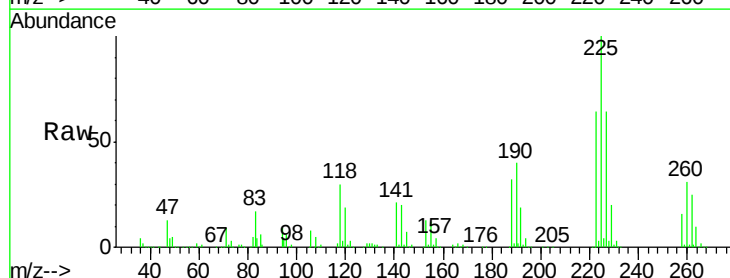
Tgt Ion:225 Resp: 292168

Ion Ratio Lower Upper

225 100

223 63.6 50.6 76.0

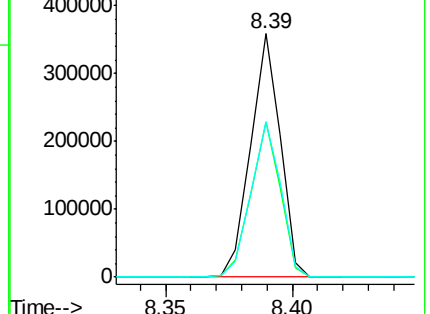
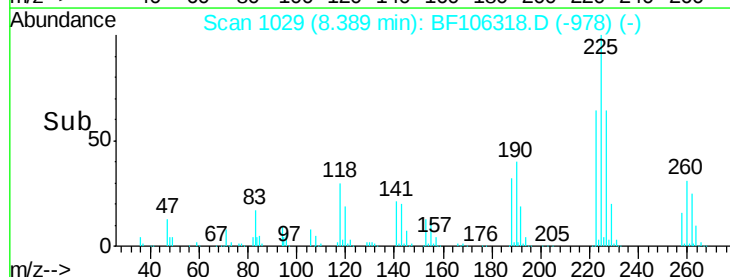
227 64.0 51.9 77.9

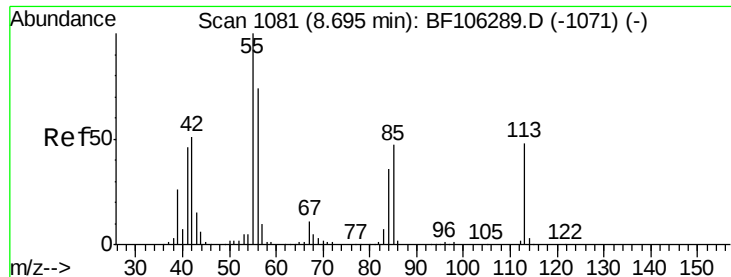


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

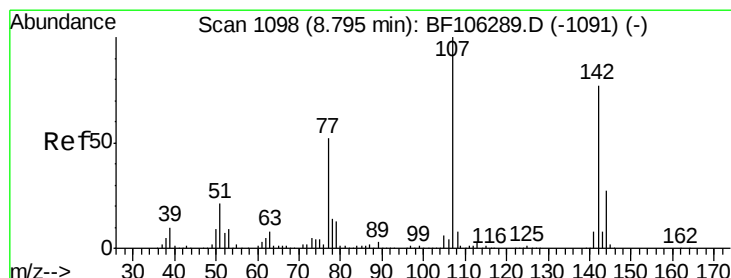
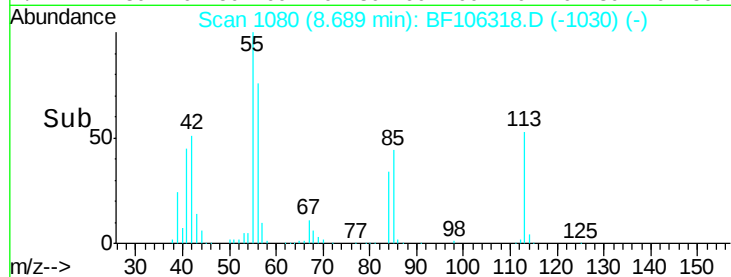
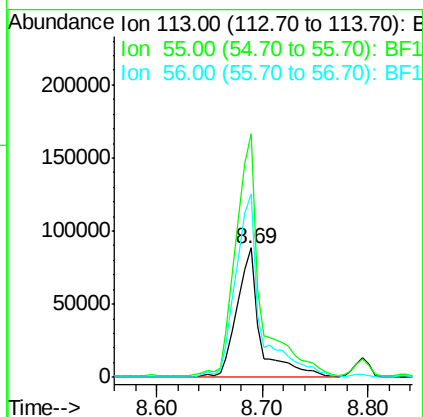
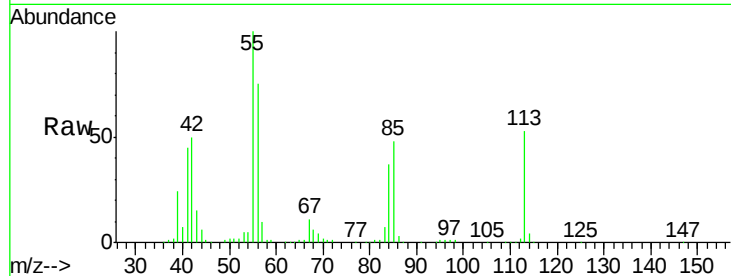




#35
 Caprolactam
 Concen: 39.103 ng
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

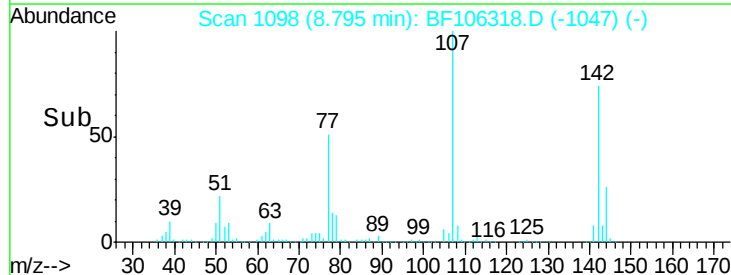
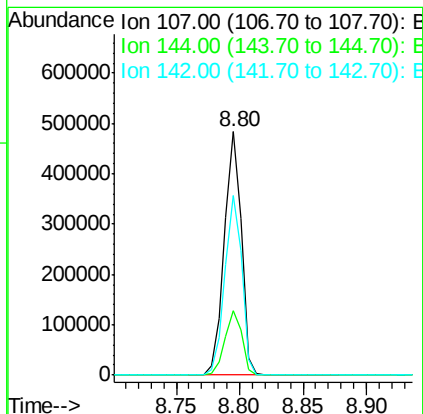
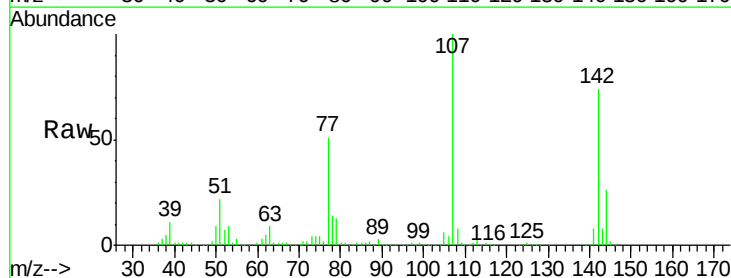
Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

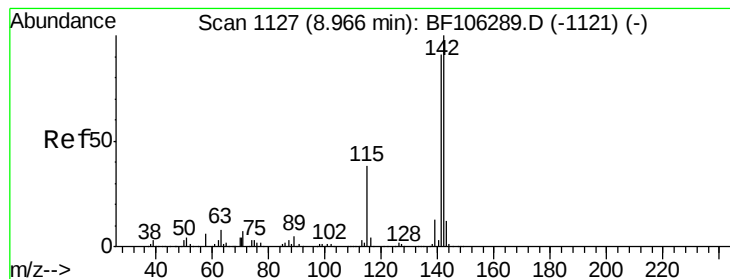
Tgt Ion:113 Resp: 135695
 Ion Ratio Lower Upper
 113 100
 55 188.6 163.3 203.3
 56 142.2 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.936 ng
 RT: 8.80 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion:107 Resp: 453224
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 73.6 62.0 93.0





#37

2-Methylnaphthalene

Concen: 39.316 ng

RT: 8.97 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

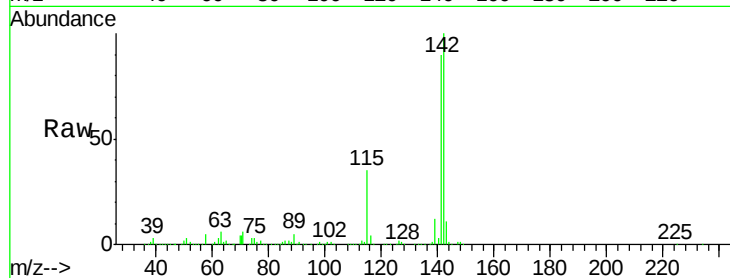
Tgt Ion:142 Resp: 915851

Ion Ratio Lower Upper

142 100

141 89.9 70.8 106.2

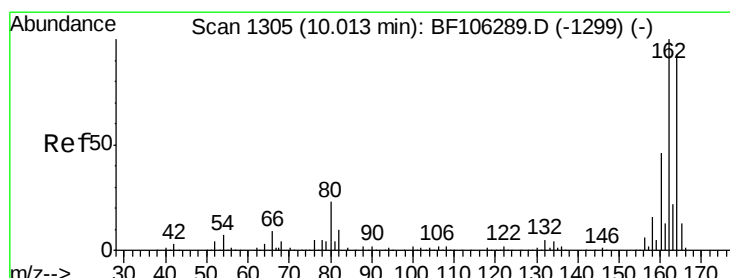
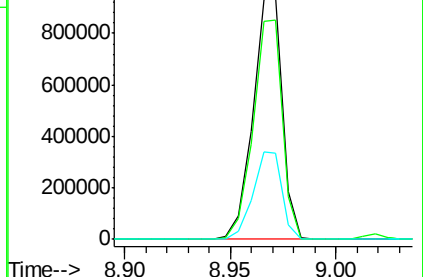
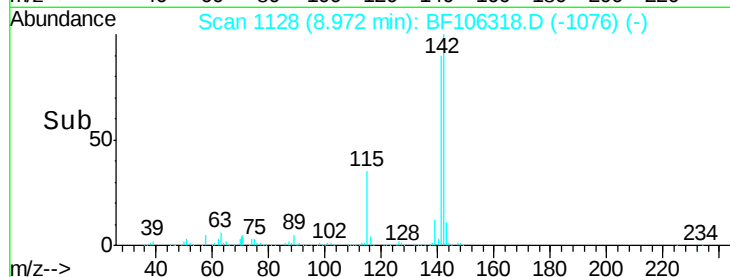
115 35.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

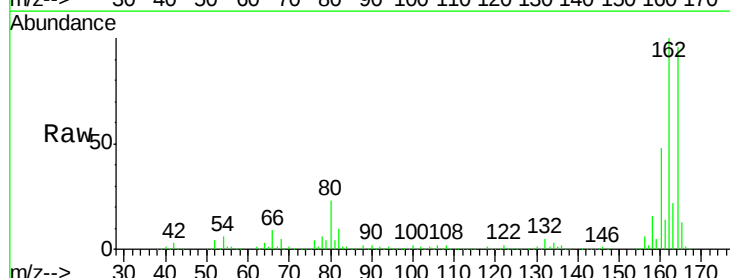
Tgt Ion:164 Resp: 327864

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

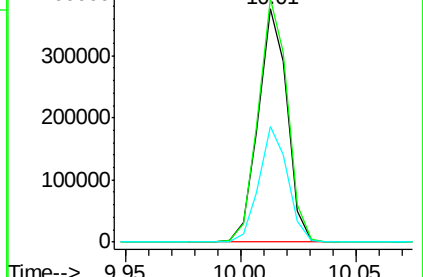
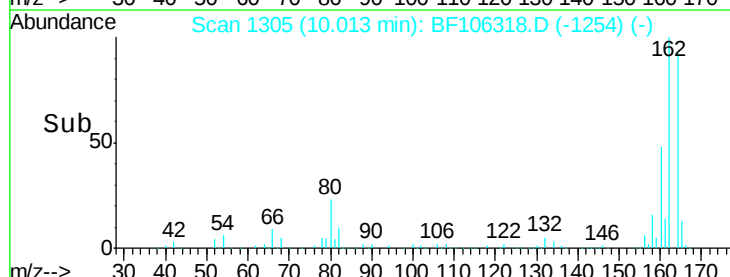
160 49.7 38.3 57.5

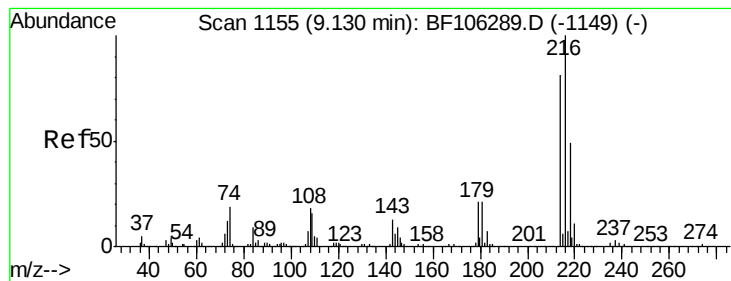


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.292 ng

RT: 9.13 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

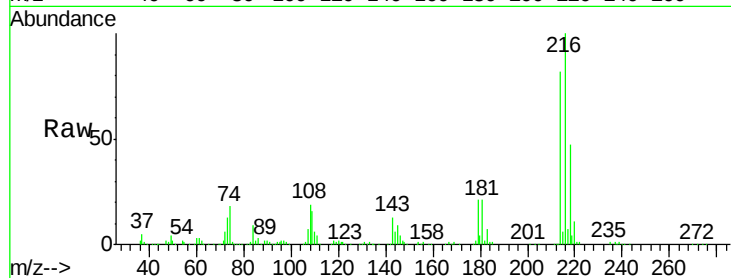
Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

Tgt Ion:	216	Resp:	460777
Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.0	94.4
179	20.1	18.1	27.1
108	18.4	17.2	25.8

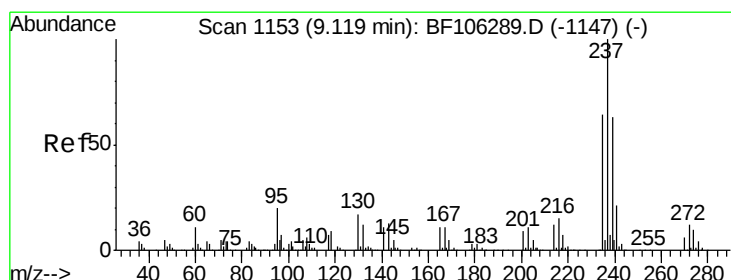
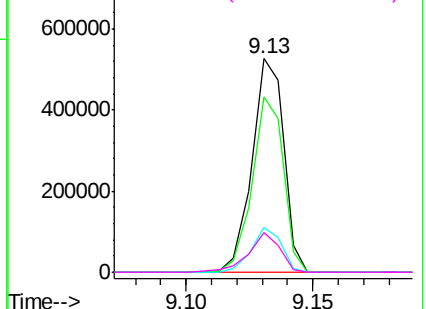
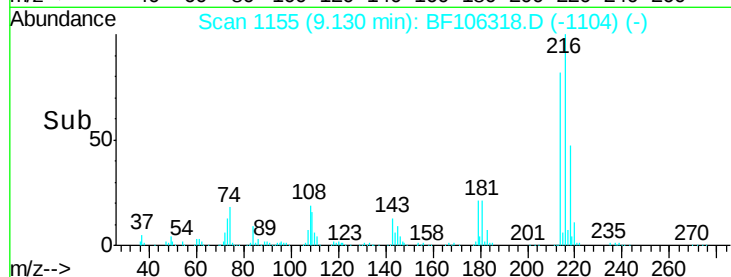


Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.518 ng

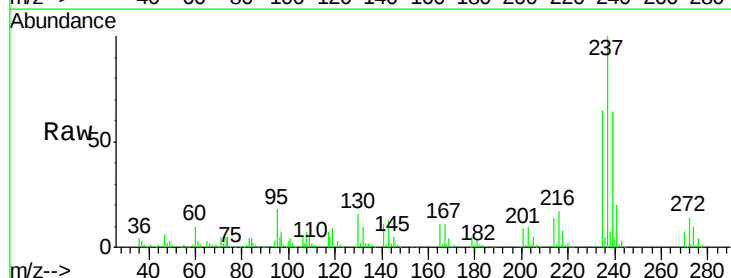
RT: 9.12 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

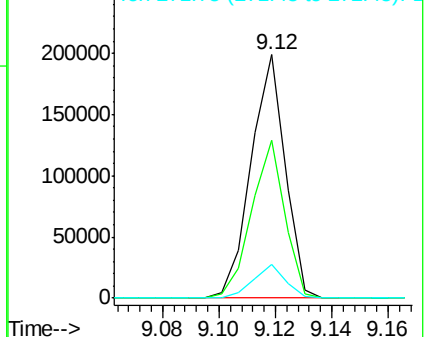
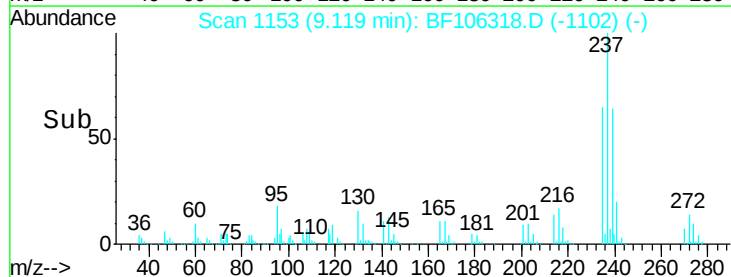
Tgt Ion:	237	Resp:	167463
Ion	Ratio	Lower	Upper
237	100		
235	64.9	44.8	84.8
272	13.6	0.0	33.3

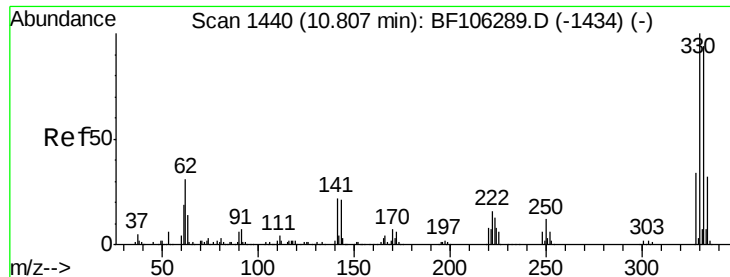


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

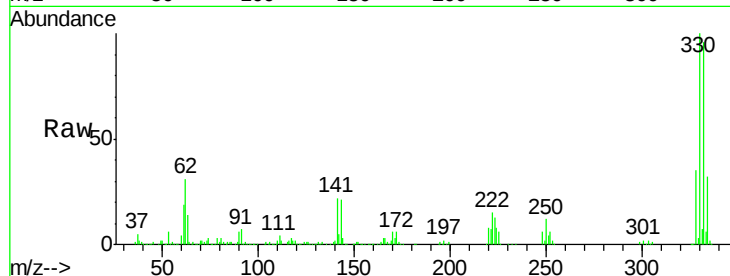




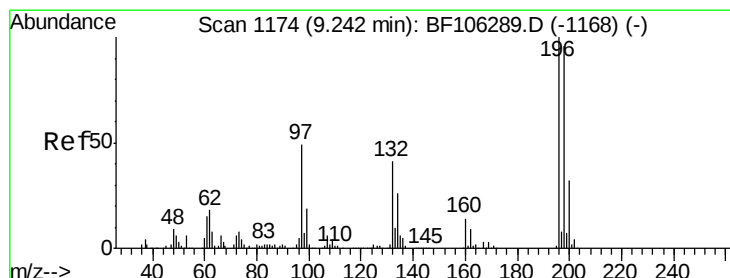
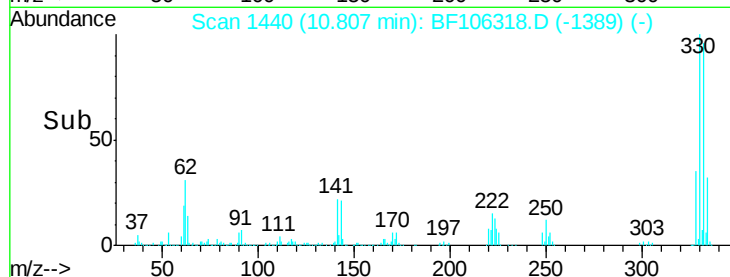
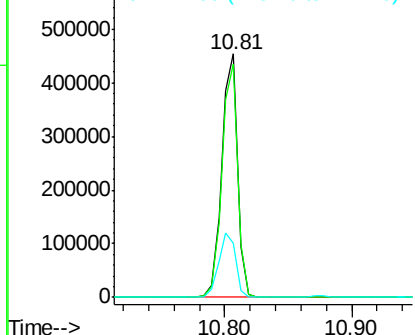
#41
 2,4,6-Tribromophenol
 Concen: 124.916 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

Tgt Ion:330 Resp: 394063
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 29.0 29.9 44.9#

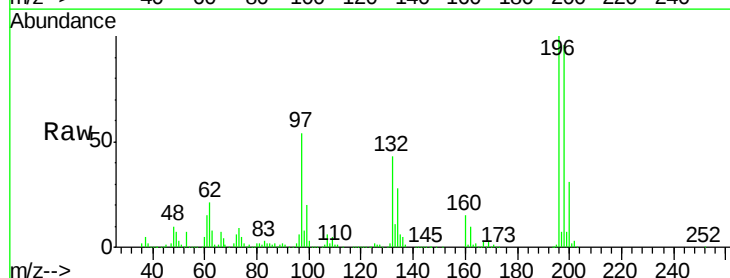


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

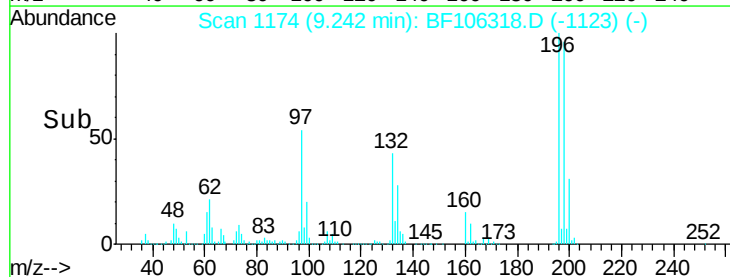
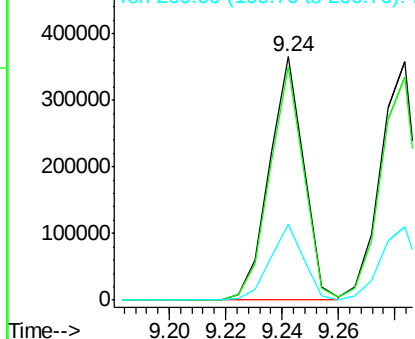


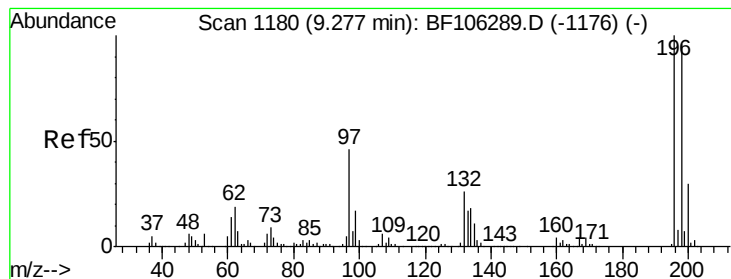
#42
 2,4,6-Trichlorophenol
 Concen: 45.409 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion:196 Resp: 308001
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 200 31.4 24.5 36.7



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





#43

2,4,5-Trichlorophenol

Concen: 43.477 ng

RT: 9.28 min Scan# 1181

Delta R.T. 0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

Tgt Ion:196 Resp: 317908

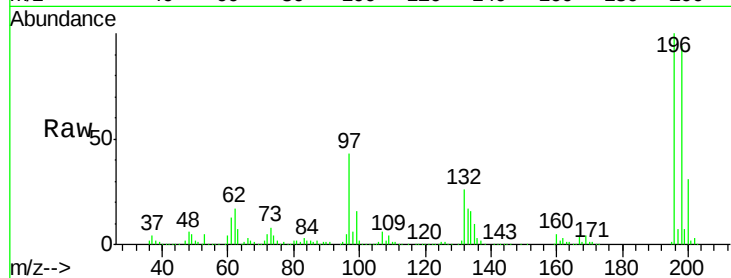
Ion Ratio Lower Upper

196 100

198 93.7 74.6 112.0

97 43.2 42.9 64.3

132 25.8 26.3 39.5#

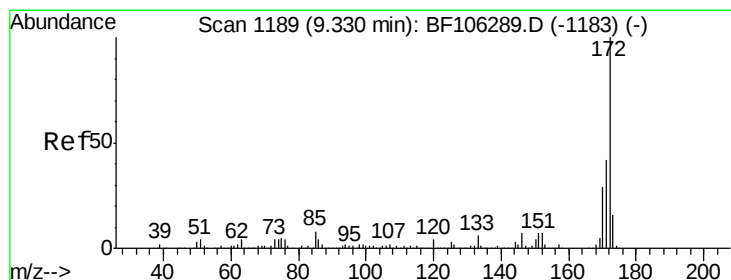
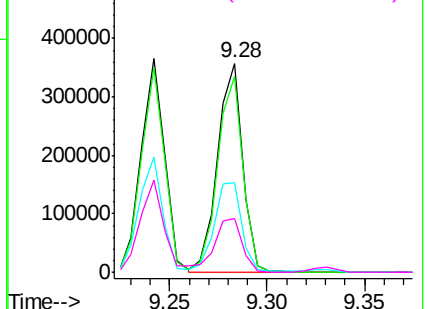
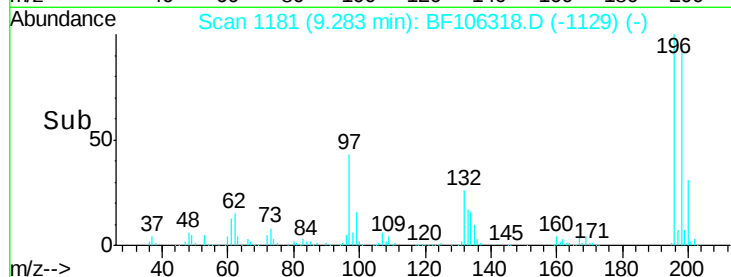


Abundance Ion 196.00 (195.70 to 196.70): E

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: 92.569 ng

RT: 9.33 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

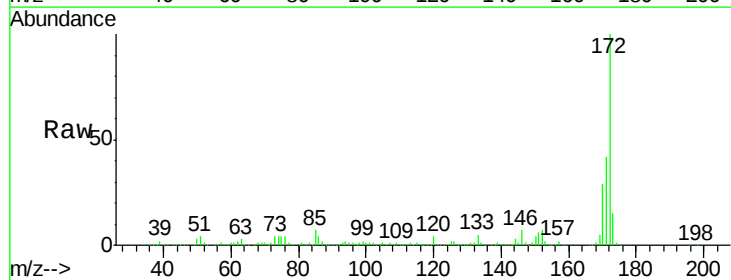
Tgt Ion:172 Resp: 1662211

Ion Ratio Lower Upper

172 100

171 42.0 29.7 44.5

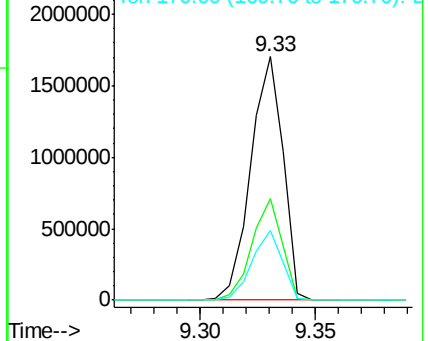
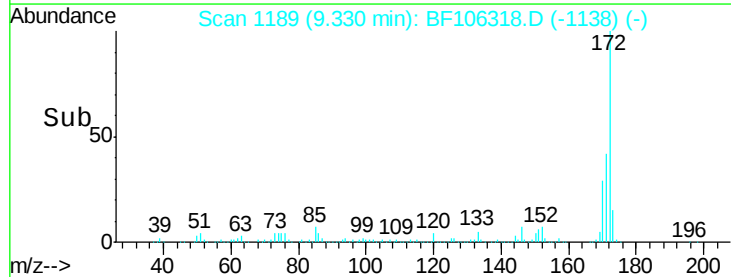
170 28.8 19.6 29.4

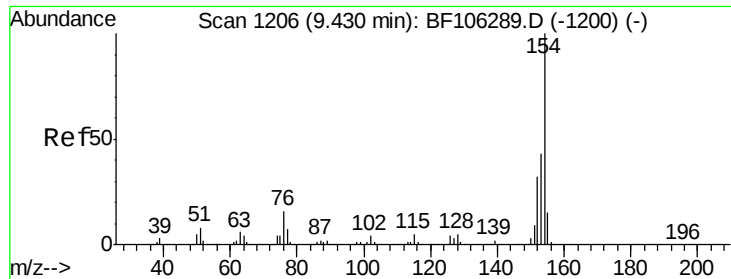


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

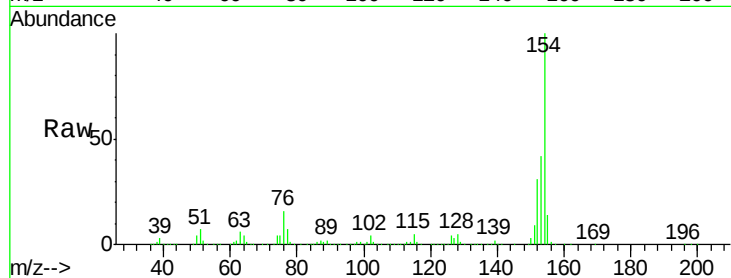




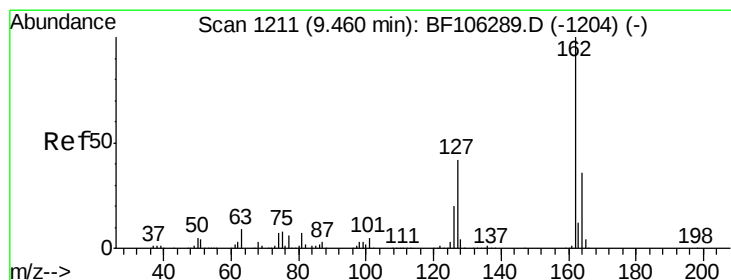
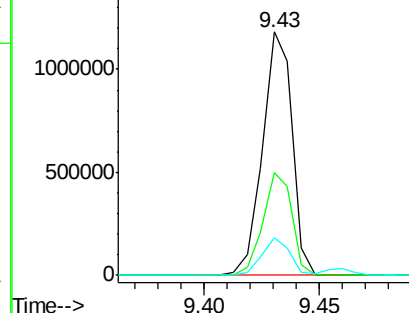
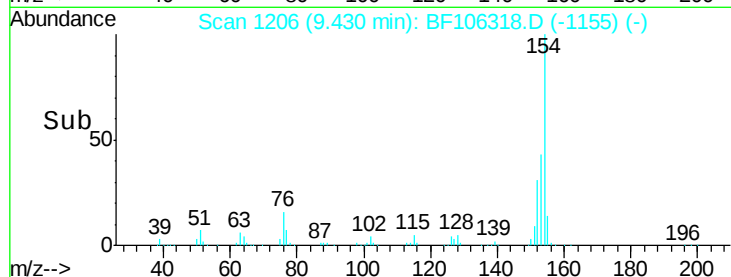
#45
 1,1'-Biphenyl
 Concen: 41.582 ng
 RT: 9.43 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

Tgt Ion:154 Resp: 1055953
 Ion Ratio Lower Upper
 154 100
 153 42.4 21.3 61.3
 76 15.5 0.0 34.0

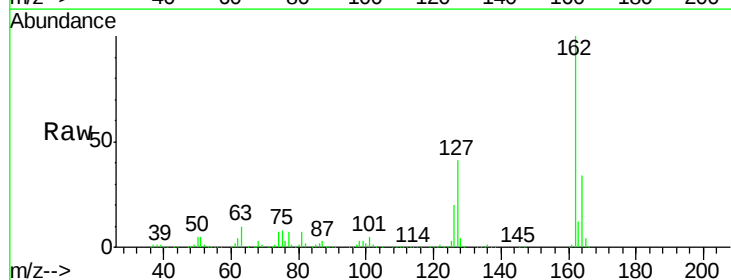


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

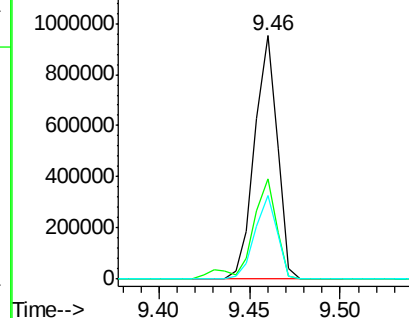
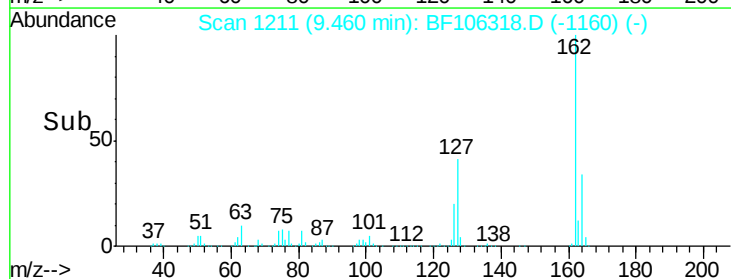


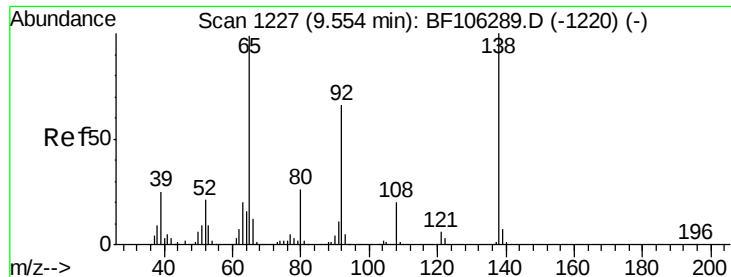
#46
 2-Chloronaphthalene
 Concen: 40.918 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion:162 Resp: 831558
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.9 50.9
 164 34.4 26.5 39.7



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

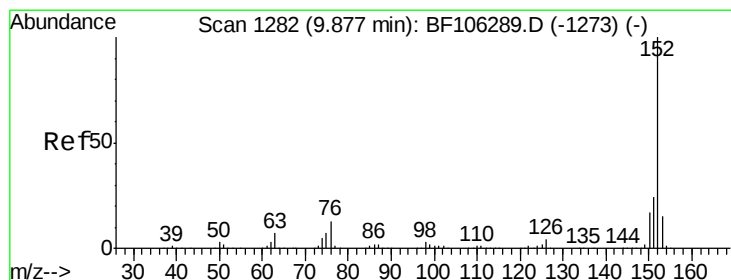
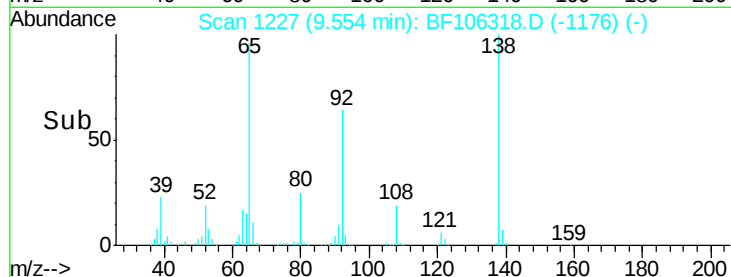
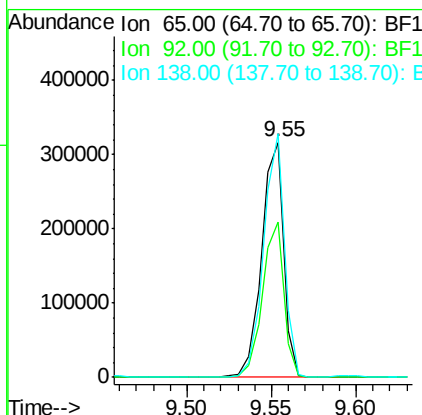
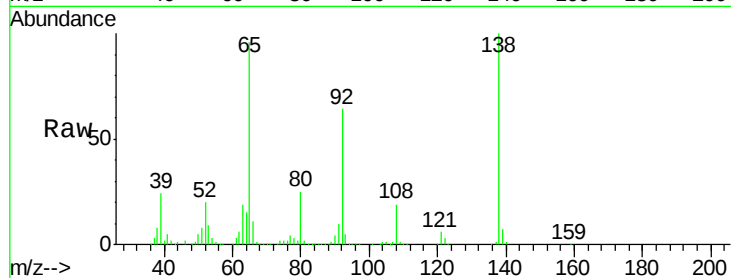




#47
2-Nitroaniline
Concen: 44.890 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

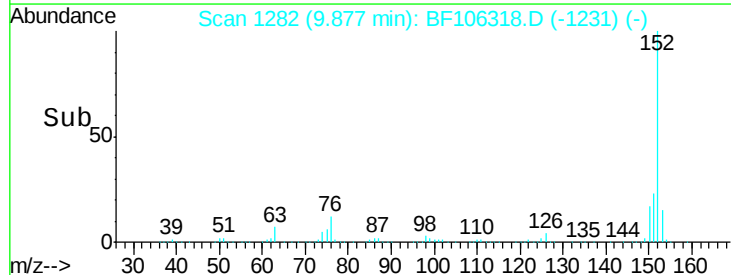
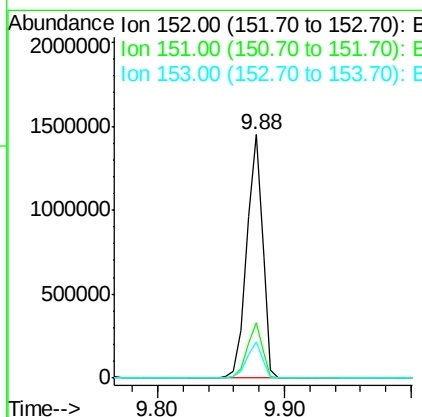
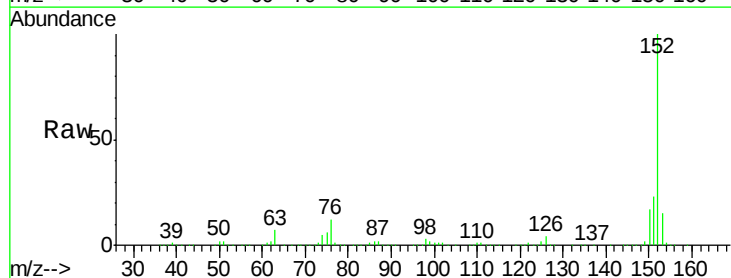
Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

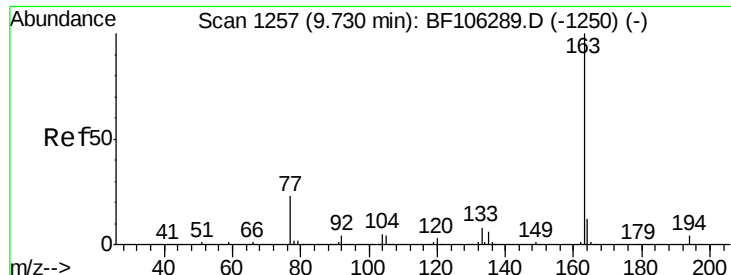
Tgt Ion: 65 Resp: 286985
Ion Ratio Lower Upper
65 100
92 66.3 55.8 83.6
138 103.6 91.2 136.8



#48
Acenaphthylene
Concen: 39.953 ng
RT: 9.88 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion: 152 Resp: 1242789
Ion Ratio Lower Upper
152 100
151 22.6 16.3 24.5
153 14.8 10.7 16.1

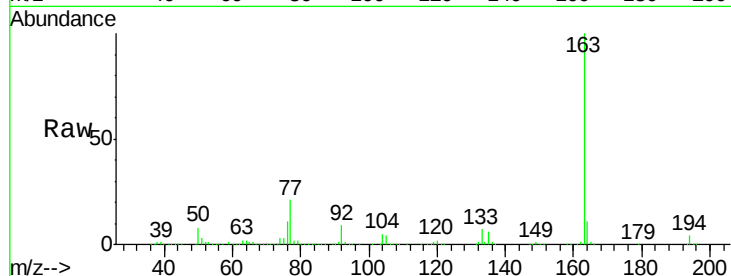




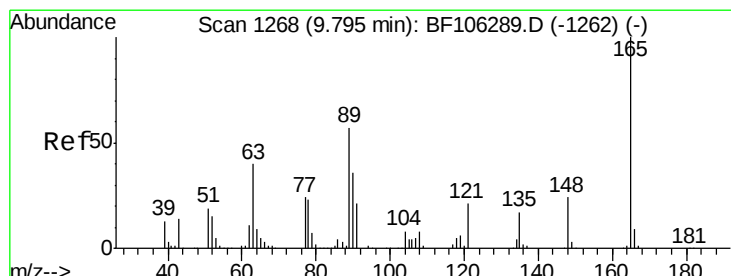
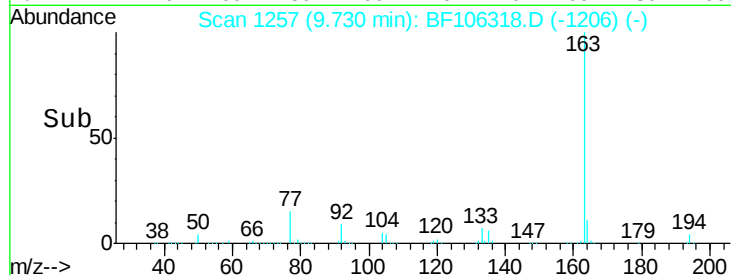
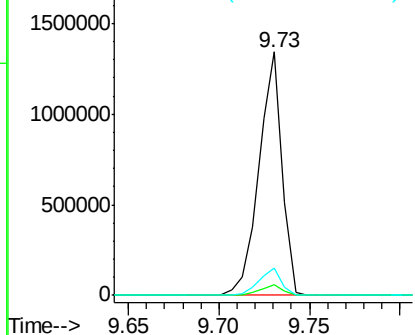
#49
Dimethylphthalate
Concen: 50.681 ng
RT: 9.73 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tgt Ion:163 Resp: 1187148
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 11.2 8.2 12.2

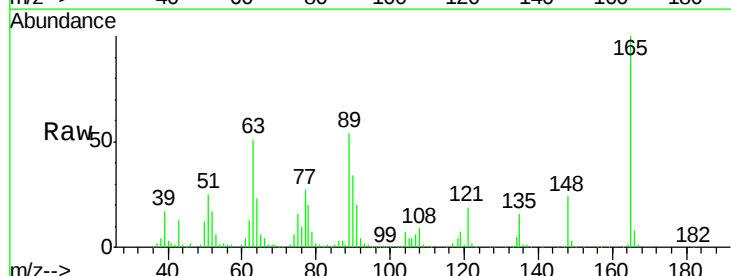


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

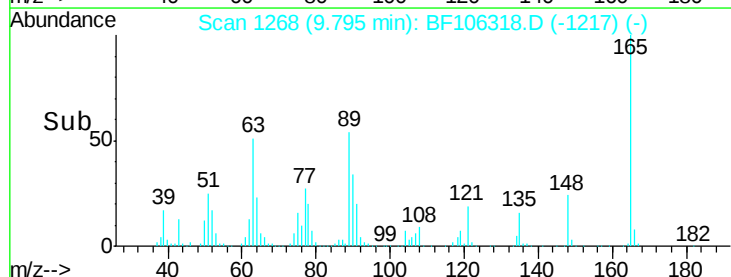
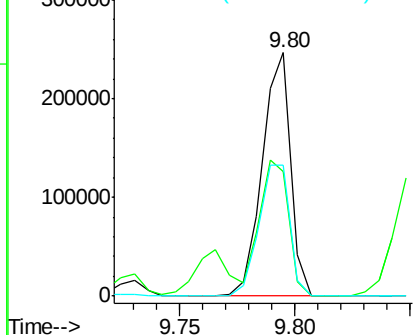


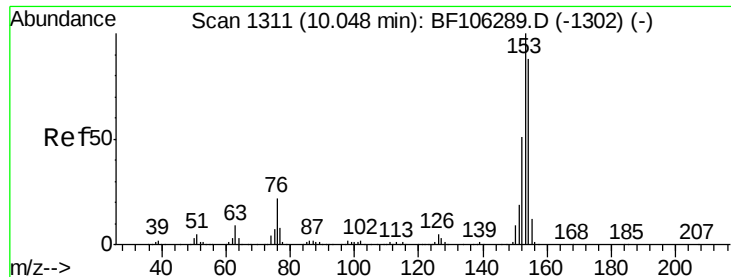
#50
2,6-Dinitrotoluene
Concen: 44.087 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion:165 Resp: 210944
Ion Ratio Lower Upper
165 100
63 51.3 44.7 67.1
89 53.7 44.0 66.0



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





#51

Acenaphthene

Concen: 38.695 ng

RT: 10.05 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

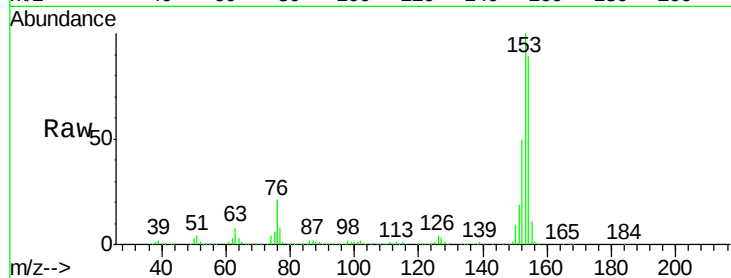
Tgt Ion:154 Resp: 777321

Ion Ratio Lower Upper

154 100

153 111.7 91.2 136.8

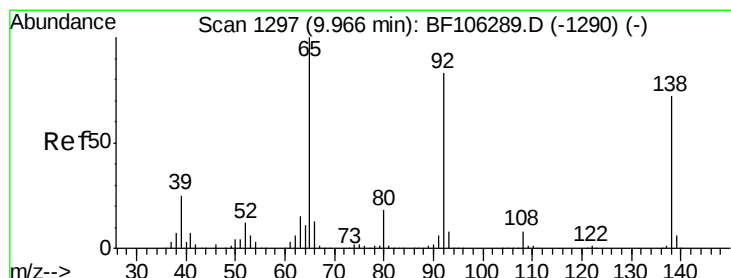
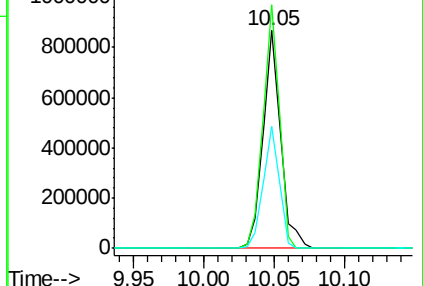
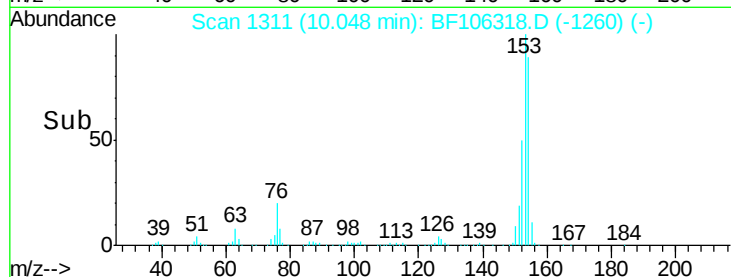
152 56.3 43.8 65.8



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: 25.776 ng

RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

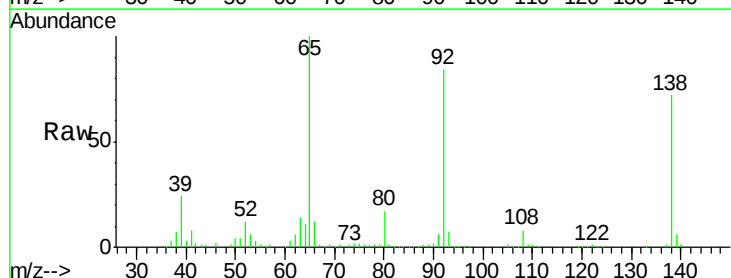
Tgt Ion:138 Resp: 146380

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

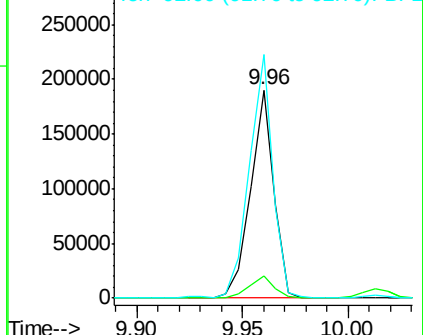
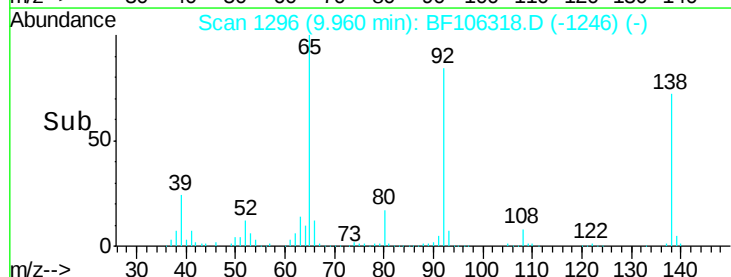
92 116.9 89.4 134.2

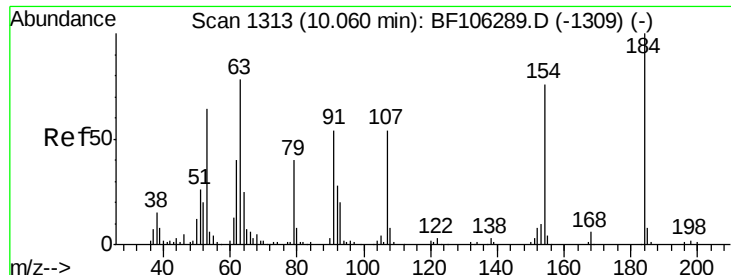


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

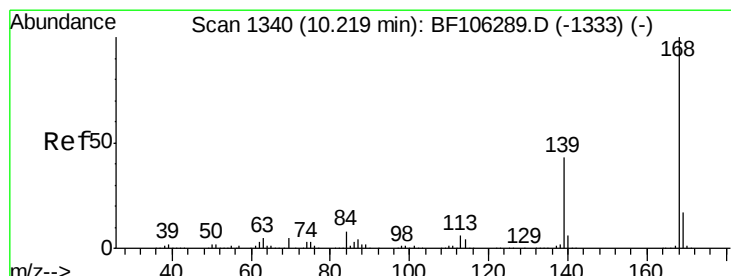
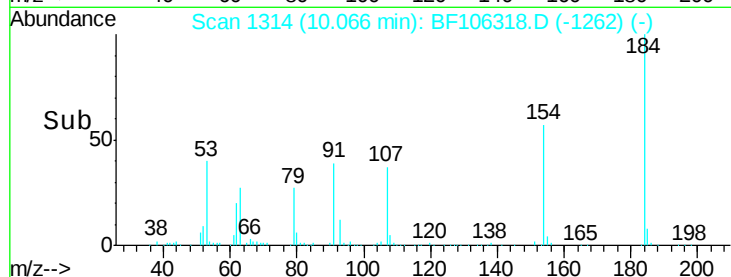
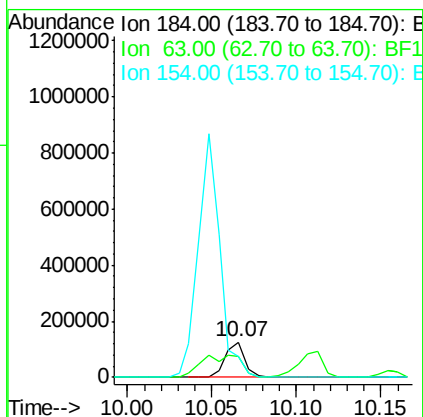
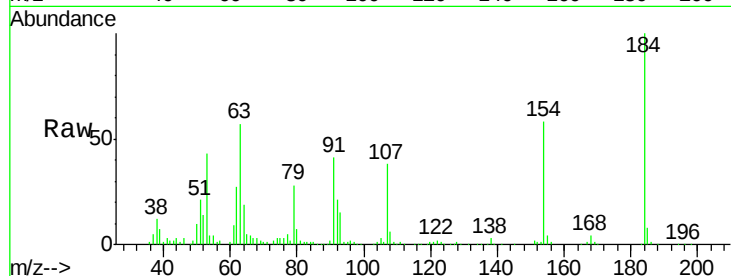




#53
2,4-Dinitrophenol
Concen: 49.687 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

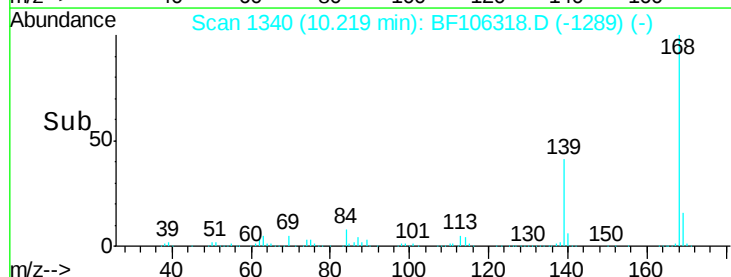
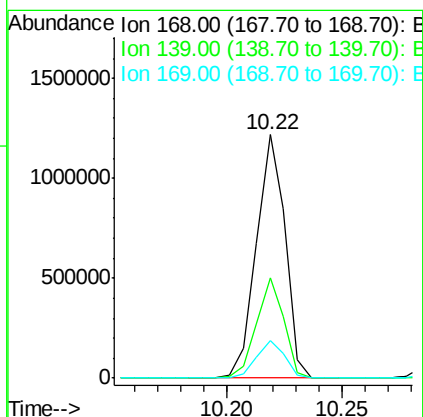
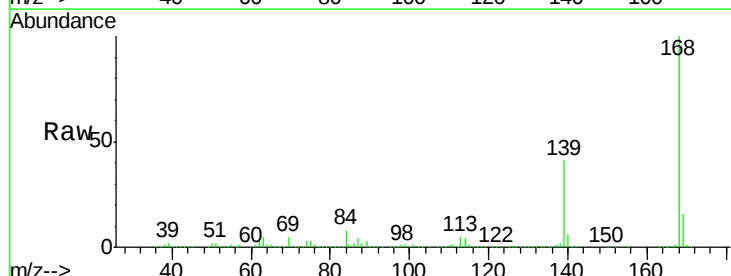
Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

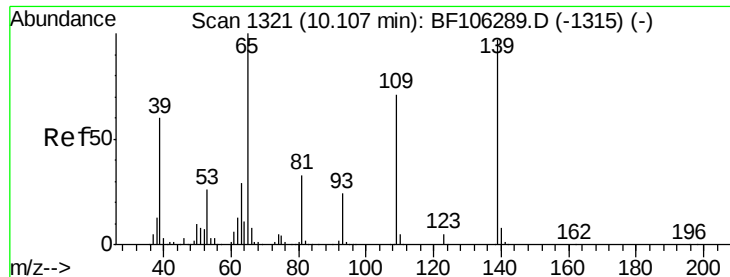
Tgt Ion:184 Resp: 101118
Ion Ratio Lower Upper
184 100
63 57.2 54.2 81.2
154 57.7 184.0 276.0#



#54
Dibenzofuran
Concen: 39.160 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion:168 Resp: 1059322
Ion Ratio Lower Upper
168 100
139 40.9 30.1 45.1
169 15.7 10.9 16.3

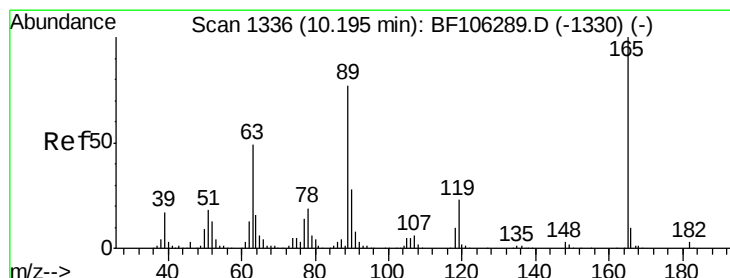
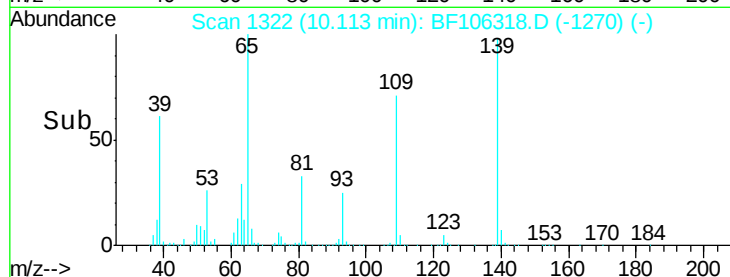
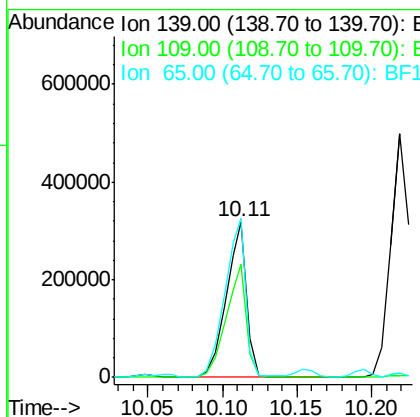
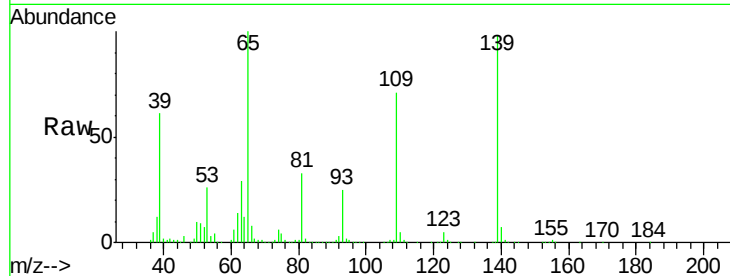




#55
4-Nitrophenol
Concen: 70.263 ng
RT: 10.11 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

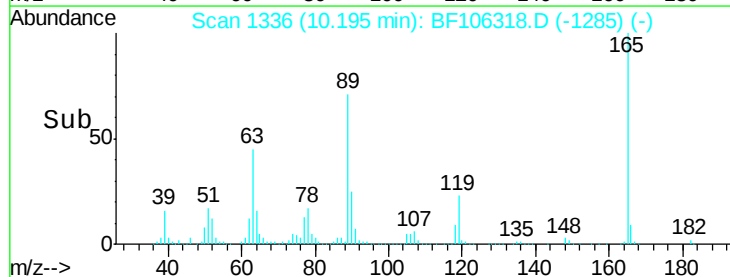
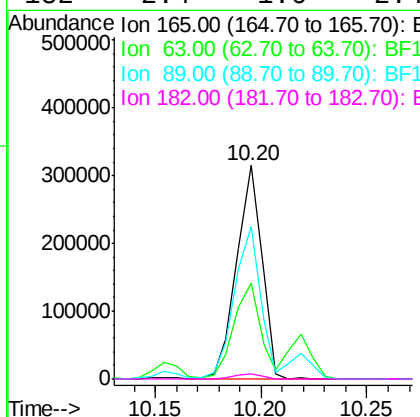
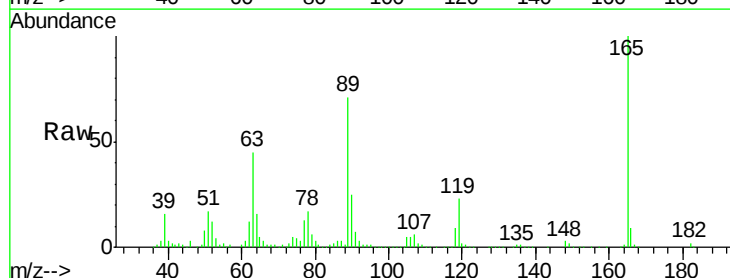
Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

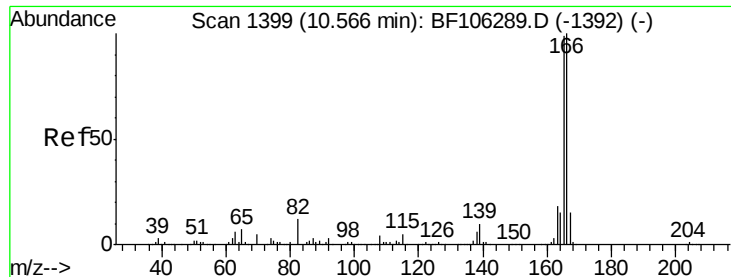
Tgt Ion:139 Resp: 305848
Ion Ratio Lower Upper
139 100
109 72.4 48.4 88.4
65 102.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 43.528 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion:165 Resp: 261536
Ion Ratio Lower Upper
165 100
63 45.3 36.4 54.6
89 71.4 57.8 86.6
182 2.4 1.6 2.4

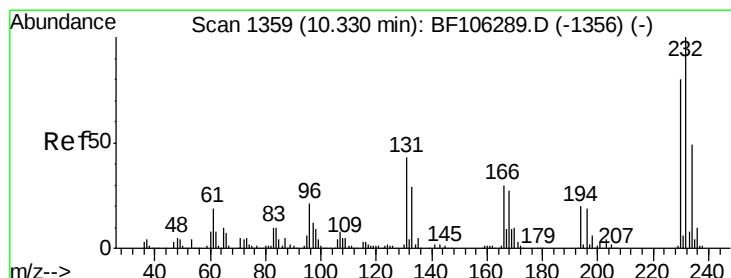
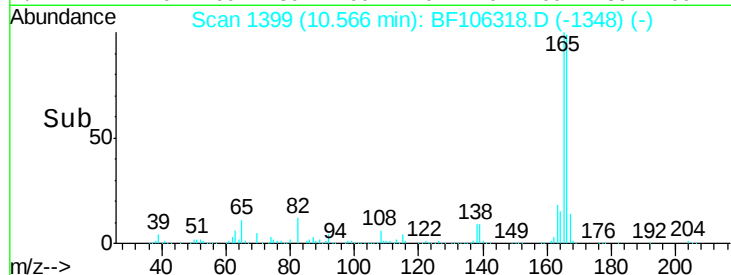
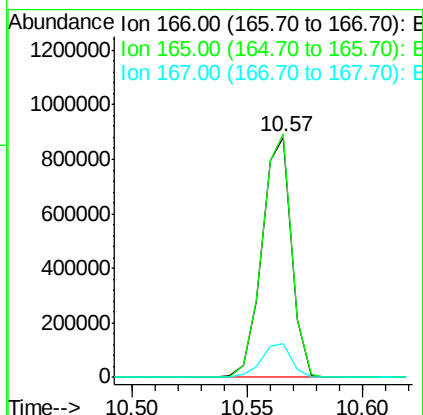
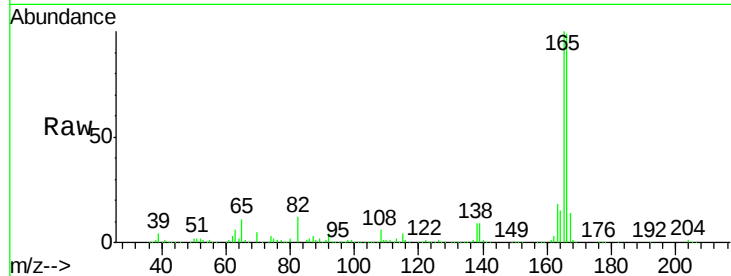




#57
 Fluorene
 Concen: 36.737 ng
 RT: 10.57 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

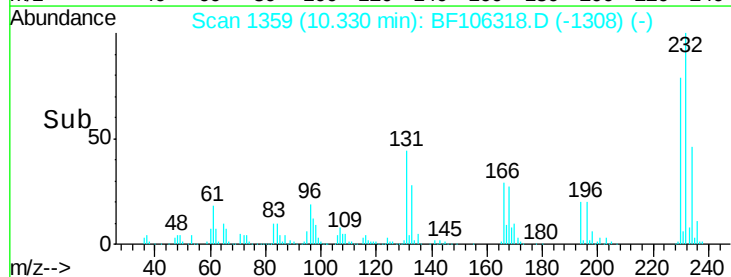
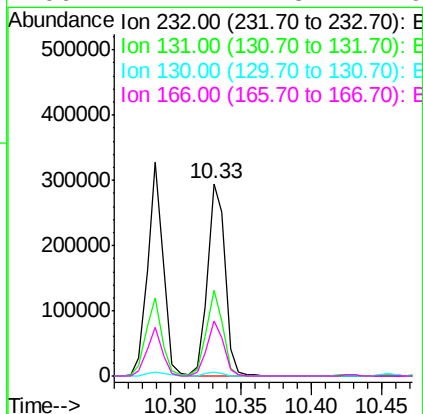
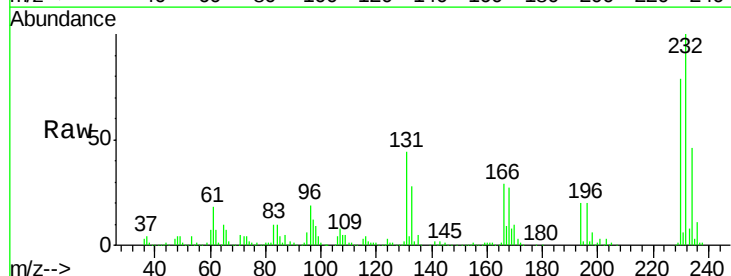
Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

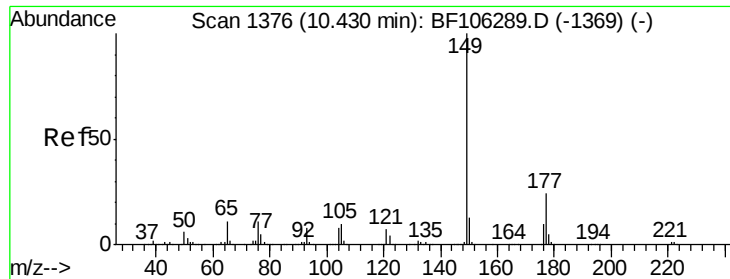
Tgt Ion:166 Resp: 787354
 Ion Ratio Lower Upper
 166 100
 165 101.3 79.8 119.8
 167 13.8 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.850 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion:232 Resp: 254129
 Ion Ratio Lower Upper
 232 100
 131 41.3 43.8 65.8#
 130 2.0 2.1 3.1#
 166 27.4 27.8 41.6#

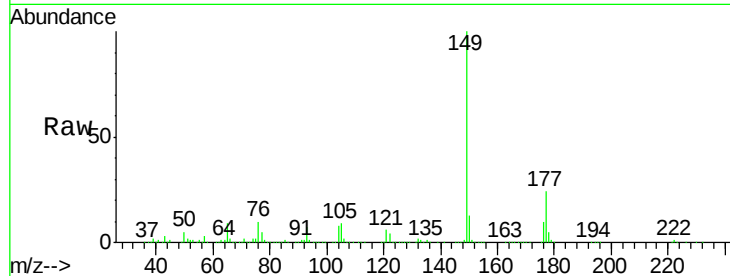




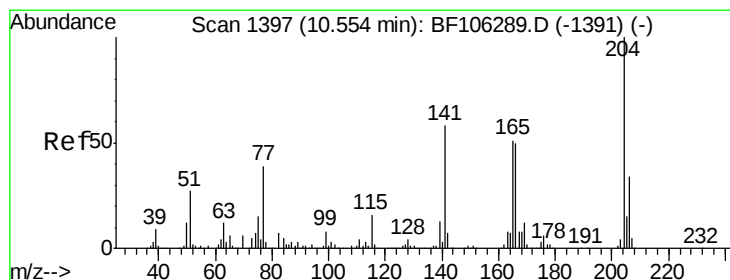
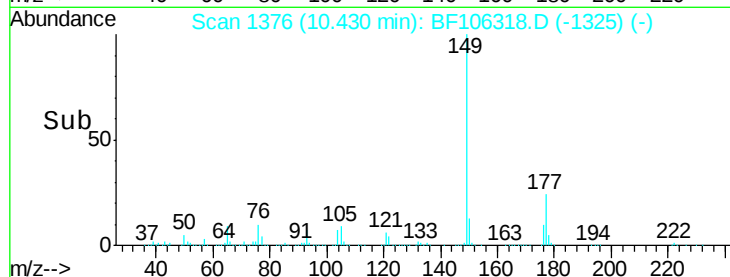
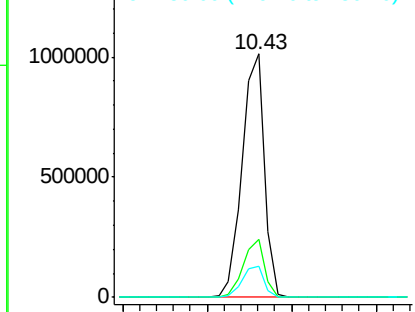
#59
Diethylphthalate
Concen: 40.050 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tgt Ion:149 Resp: 931145
Ion Ratio Lower Upper
149 100
177 24.0 16.1 24.1
150 12.9 10.1 15.1

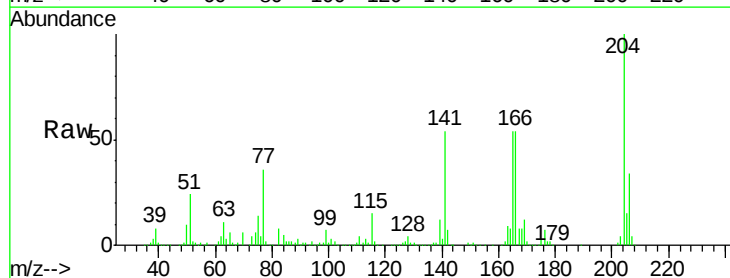


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

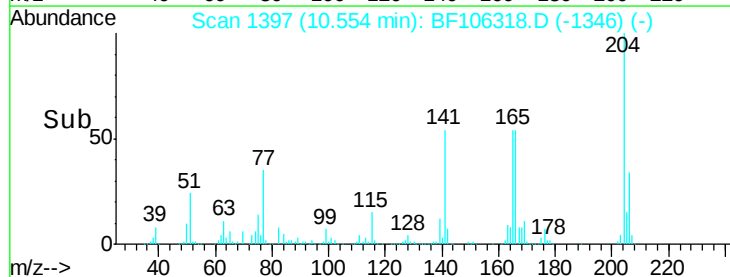
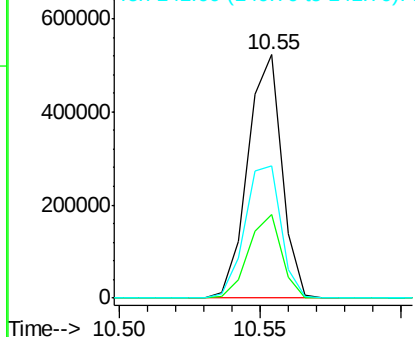


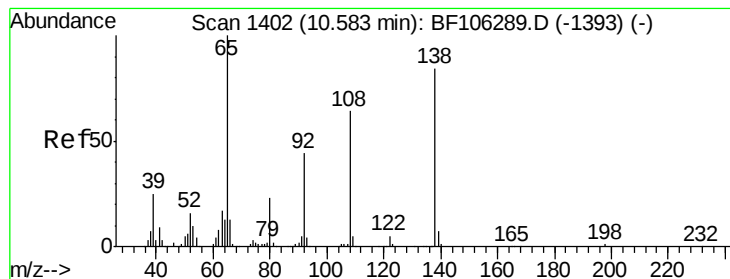
#60
4-Chlorophenyl-phenylether
Concen: 38.775 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion:204 Resp: 437098
Ion Ratio Lower Upper
204 100
206 34.5 26.5 39.7
141 54.2 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: 31.218 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

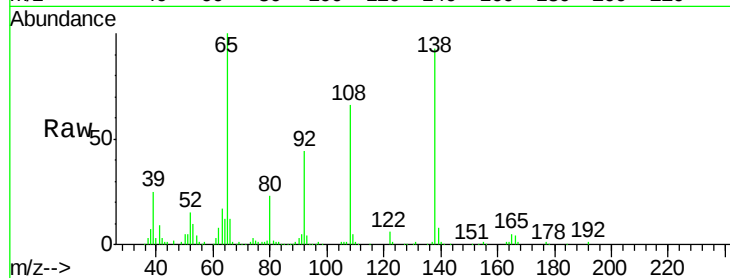
Tgt Ion: 138 Resp: 172490

Ion Ratio Lower Upper

138 100

92 47.5 30.2 70.2

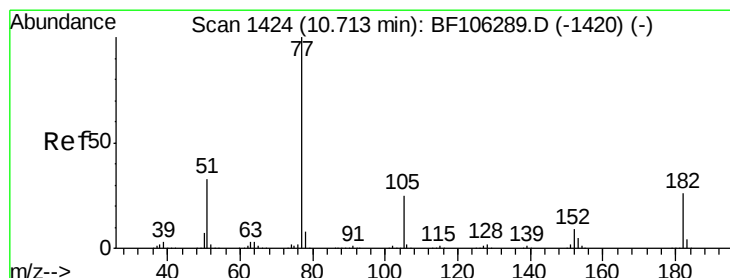
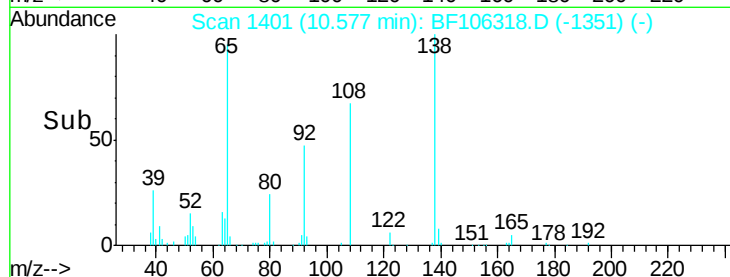
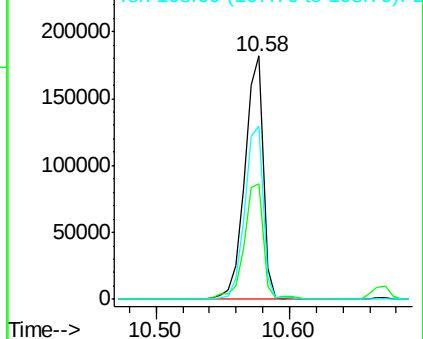
108 71.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.654 ng

RT: 10.71 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Tgt Ion: 77 Resp: 912841

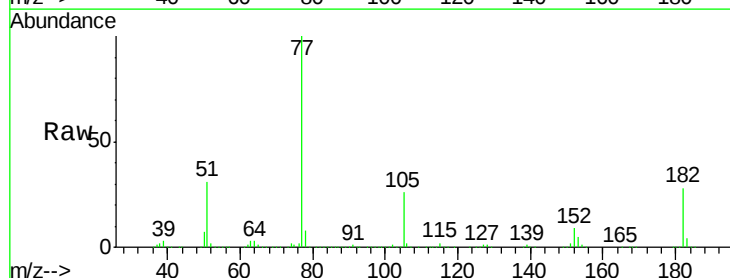
Ion Ratio Lower Upper

77 100

182 27.9 1.7 41.7

105 25.6 3.0 43.0

51 30.5 9.9 49.9

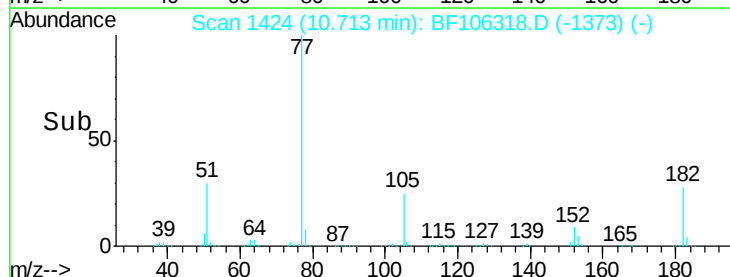
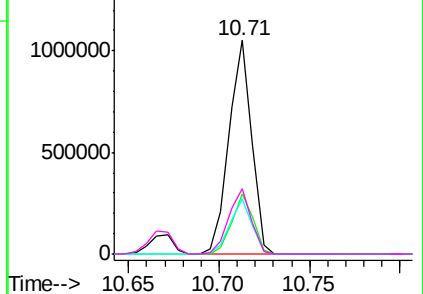


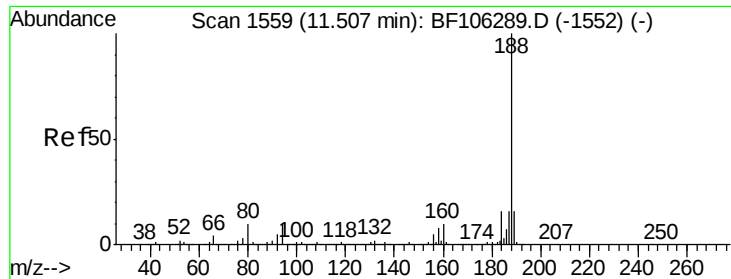
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

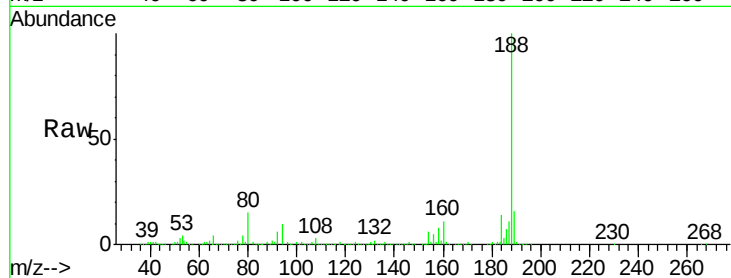
Tgt Ion:188 Resp: 523249

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

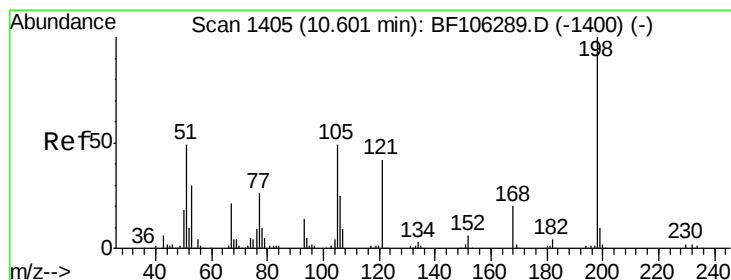
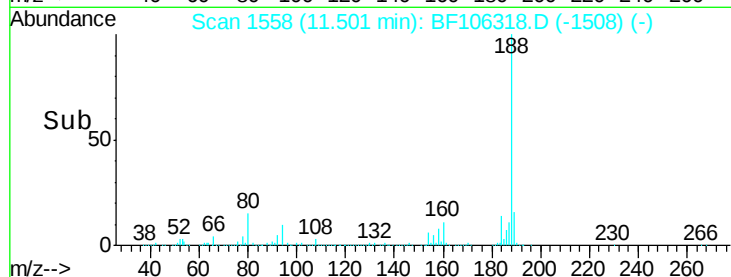
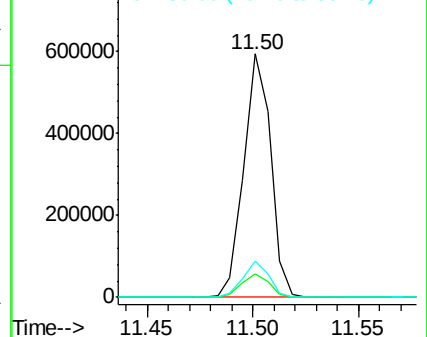
80 15.1 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 29.188 ng

RT: 10.60 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

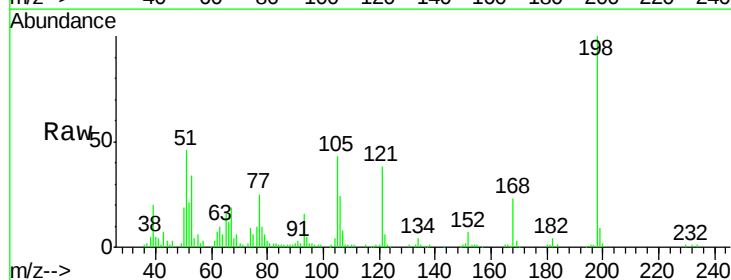
Tgt Ion:198 Resp: 74372

Ion Ratio Lower Upper

198 100

51 45.8 37.7 77.7

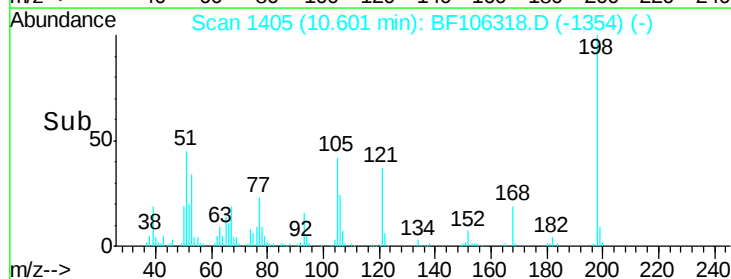
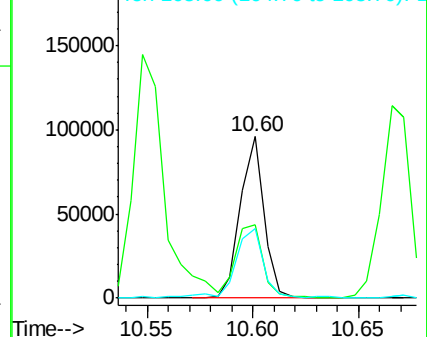
105 43.0 36.3 76.3

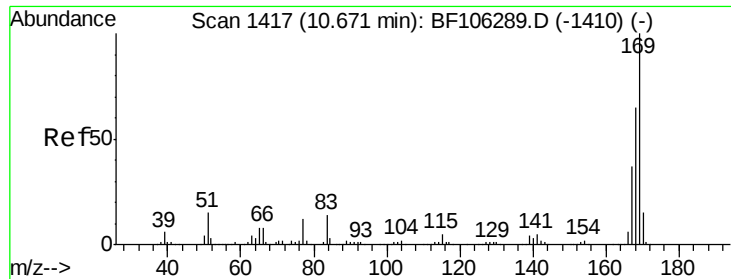


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.793 ng

RT: 10.67 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

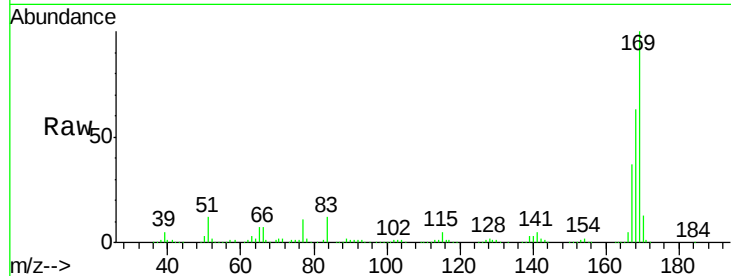
Tgt Ion:169 Resp: 770127

Ion Ratio Lower Upper

169 100

168 63.1 54.4 81.6

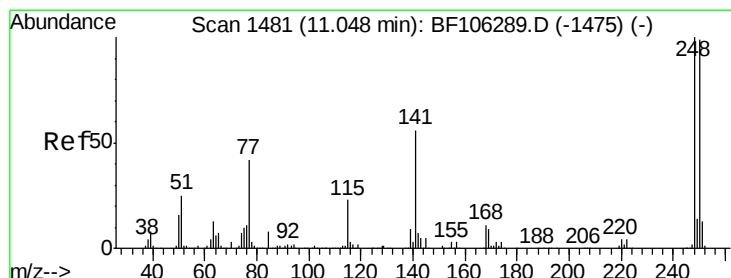
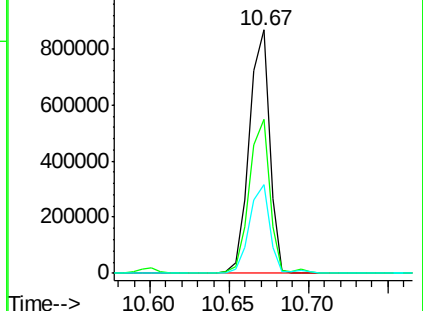
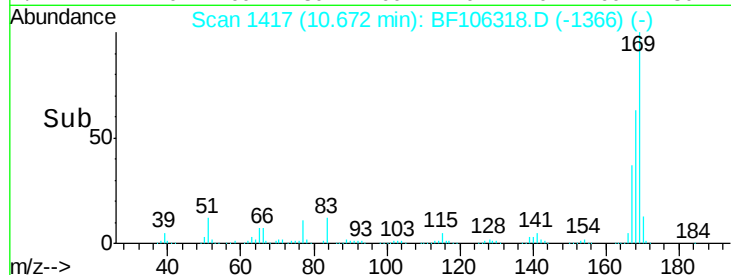
167 36.5 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.811 ng

RT: 11.04 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

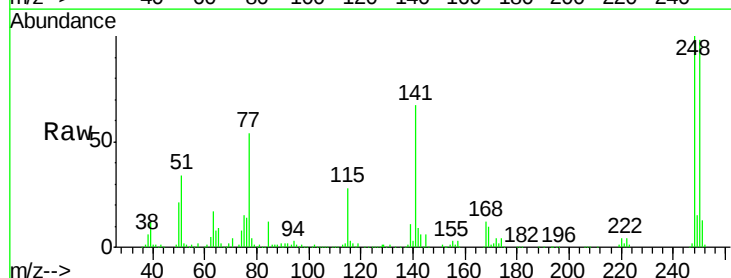
Tgt Ion:248 Resp: 278588

Ion Ratio Lower Upper

248 100

250 97.8 76.9 115.3

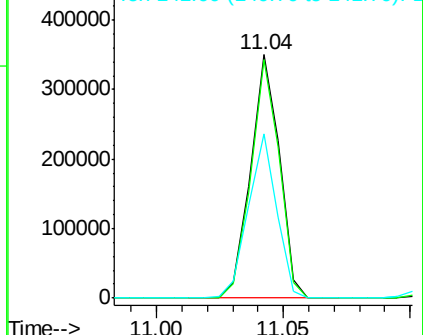
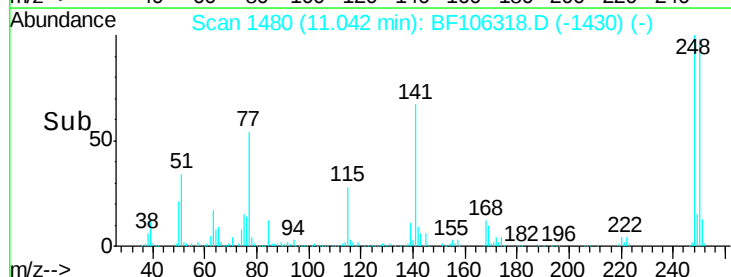
141 67.4 74.4 111.6#

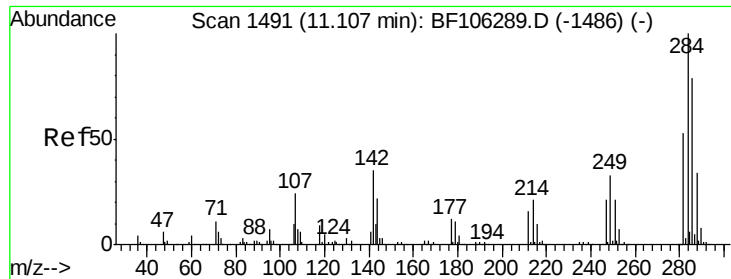


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

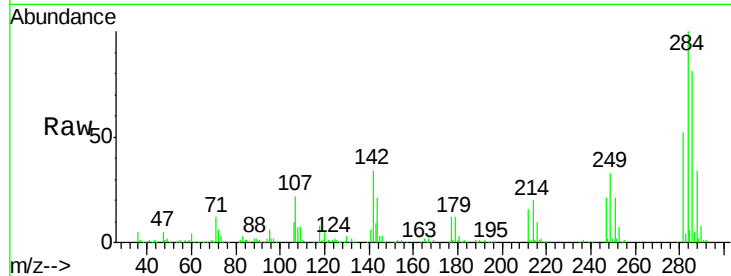




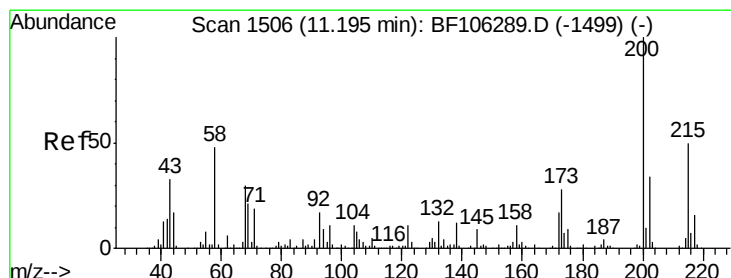
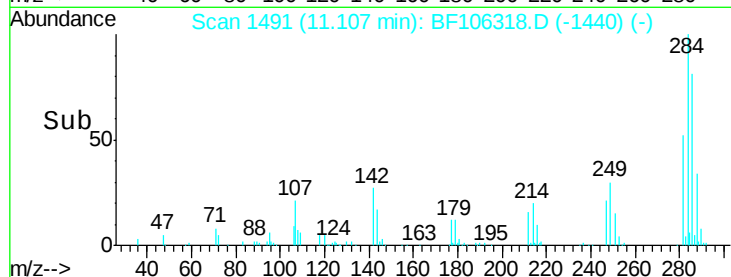
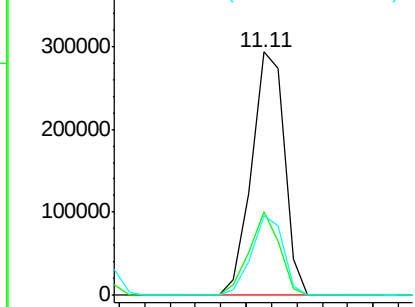
#67
Hexachlorobenzene
Concen: 43.354 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tgt Ion:284 Resp: 266003
Ion Ratio Lower Upper
284 100
142 34.2 34.6 52.0#
249 32.7 24.8 37.2

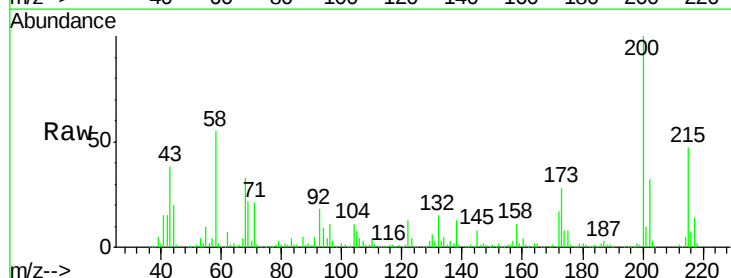


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

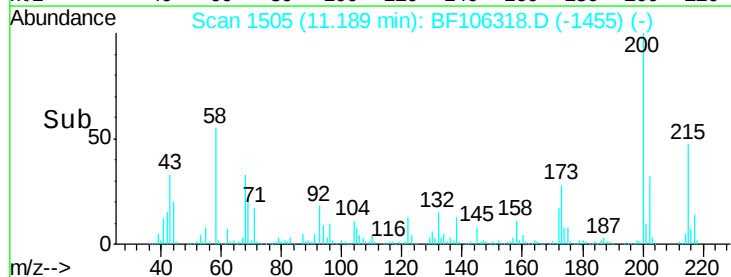
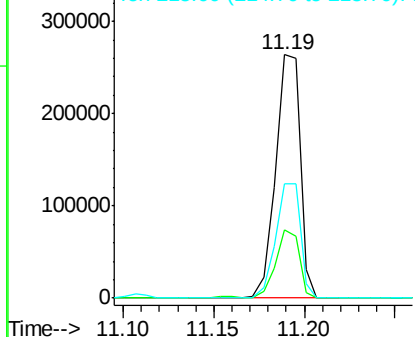


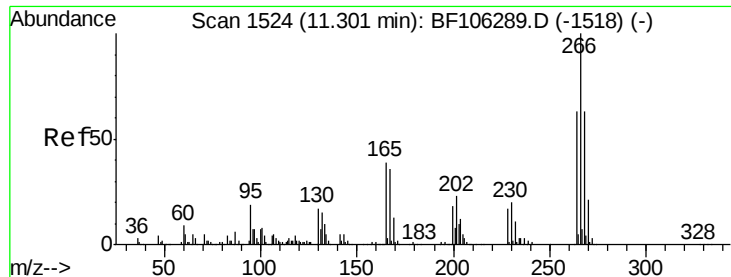
#68
Atrazine
Concen: 45.714 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion:200 Resp: 247743
Ion Ratio Lower Upper
200 100
173 28.3 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

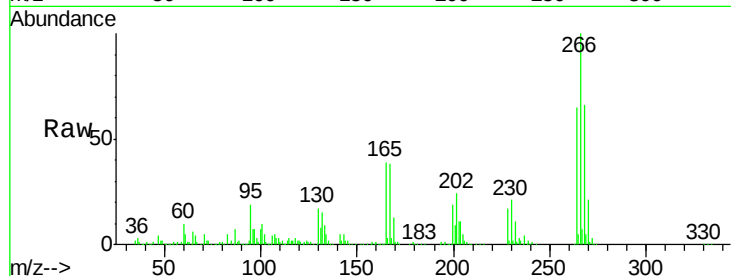




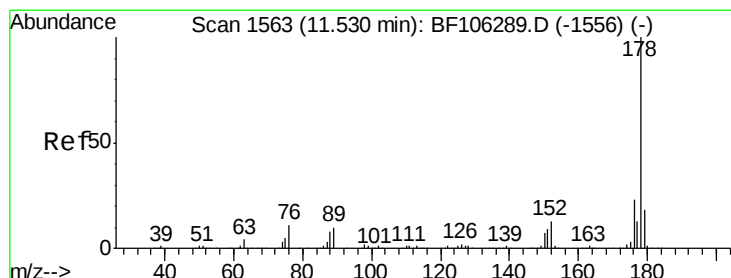
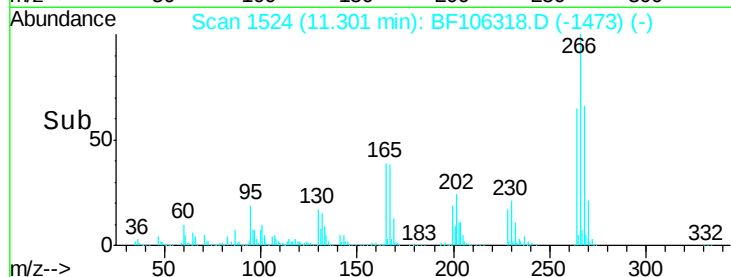
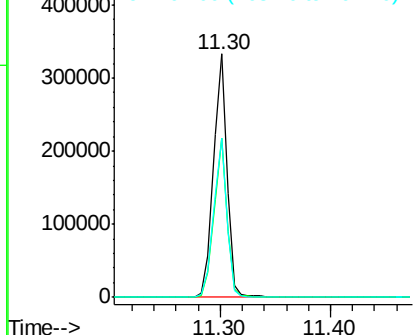
#69
 Pentachlorophenol
 Concen: 74.216 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

Tgt Ion:266 Resp: 280348
 Ion Ratio Lower Upper
 266 100
 268 65.6 51.1 76.7
 264 65.4 49.5 74.3

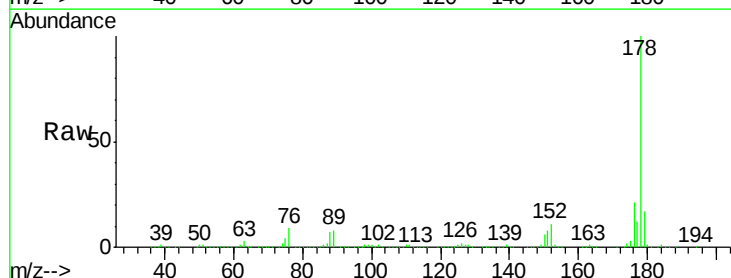


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

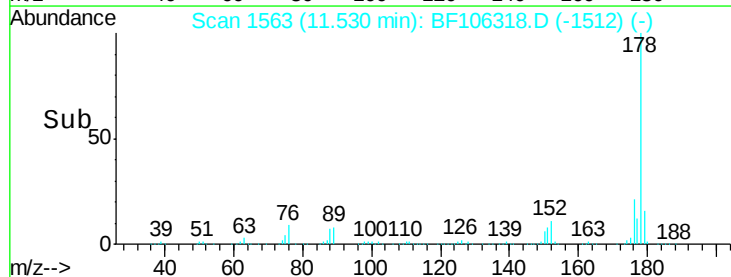
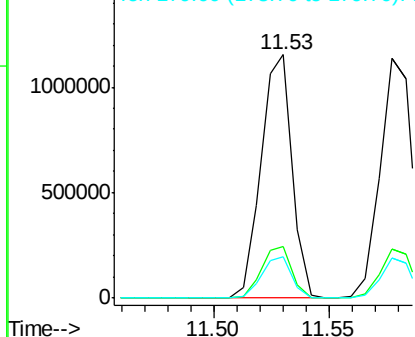


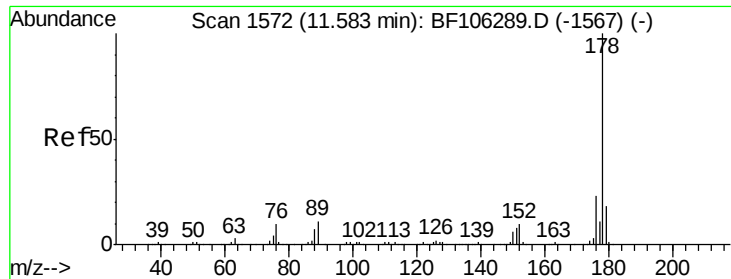
#70
 Phenanthrene
 Concen: 42.019 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion:178 Resp: 1076759
 Ion Ratio Lower Upper
 178 100
 176 21.2 15.8 23.8
 179 16.8 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

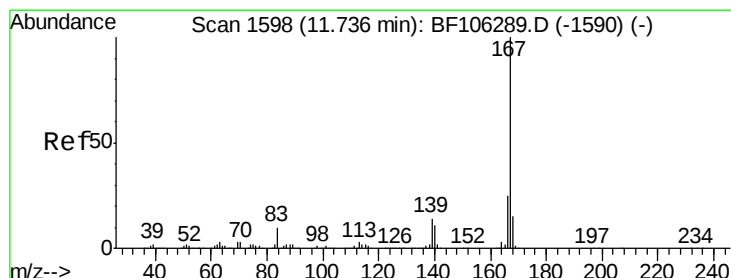
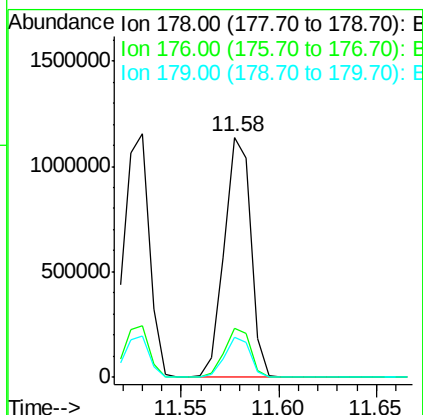
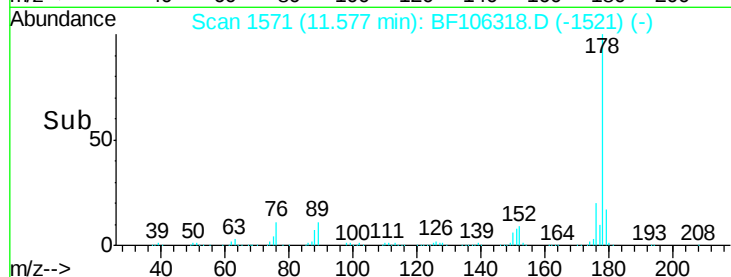
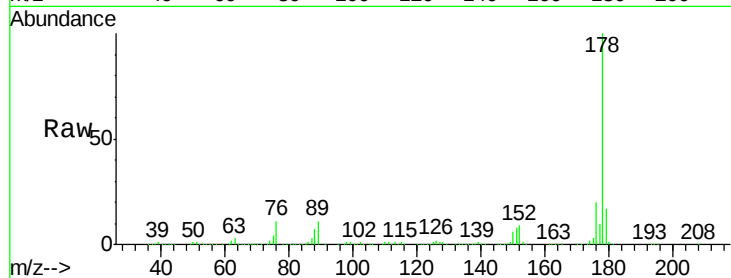




#71
 Anthracene
 Concen: 41.772 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

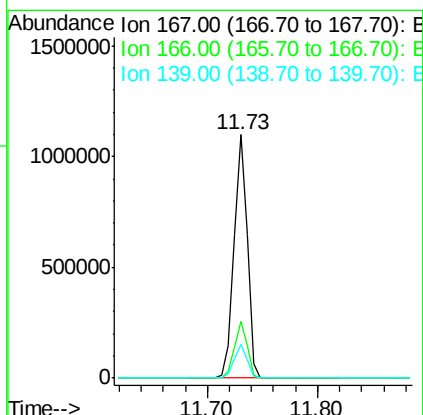
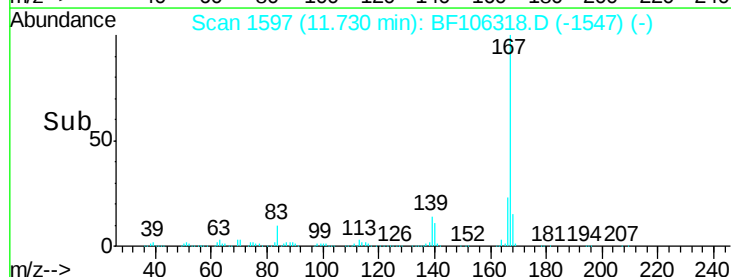
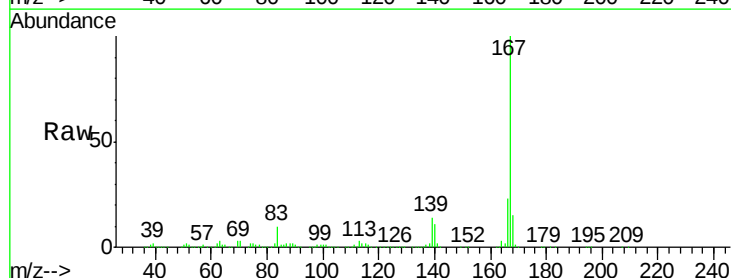
Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

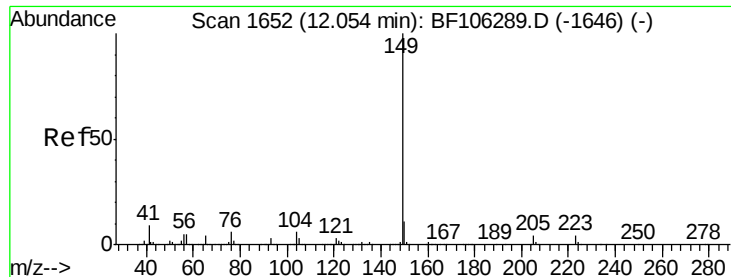
Tgt Ion:178 Resp: 1072371
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.4 23.2
 179 16.8 12.6 19.0



#72
 Carbazole
 Concen: 39.221 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion:167 Resp: 929566
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.080 ng

RT: 12.05 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

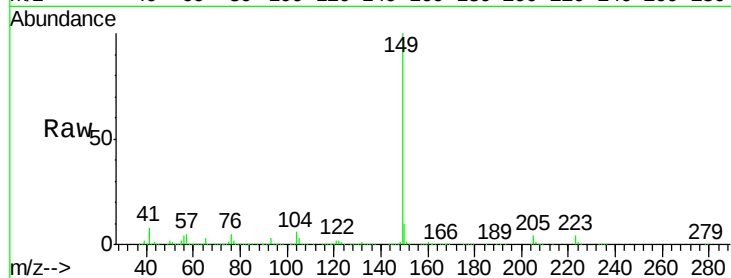
Tgt Ion:149 Resp: 1215509

Ion Ratio Lower Upper

149 100

150 10.3 7.8 11.6

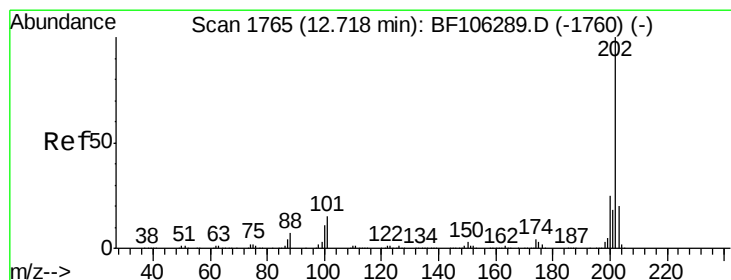
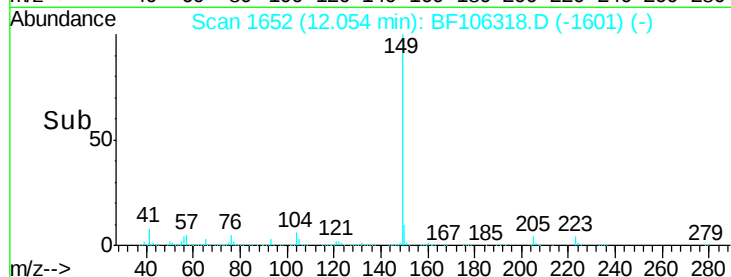
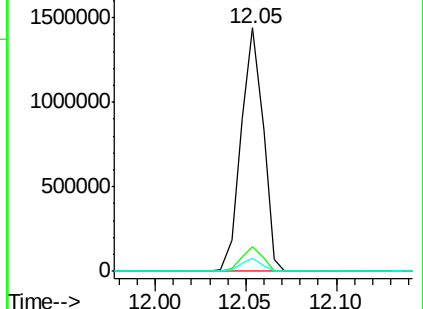
104 5.6 3.8 5.8



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: 43.251 ng

RT: 12.72 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

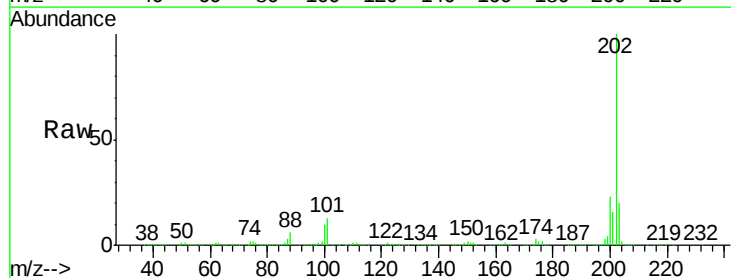
Tgt Ion:202 Resp: 1181980

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

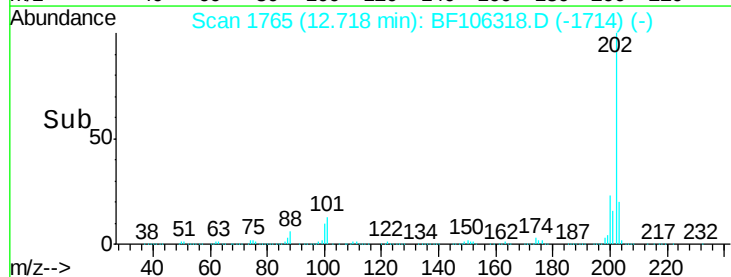
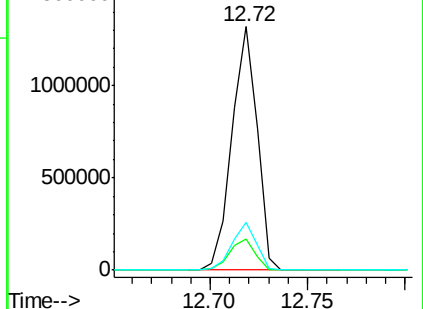
203 19.7 0.0 38.1

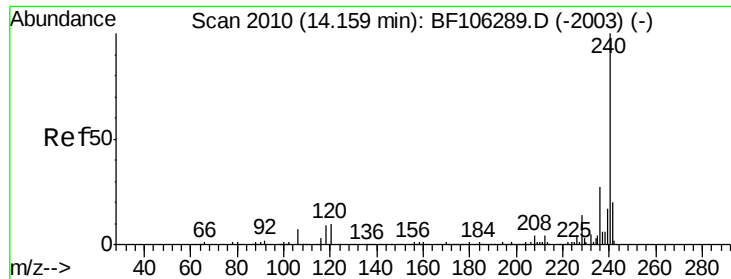


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

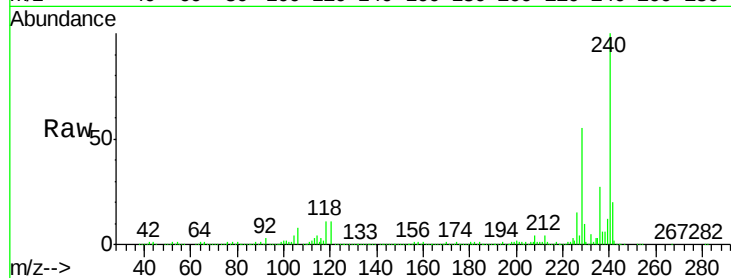
Tgt Ion:240 Resp: 485843

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

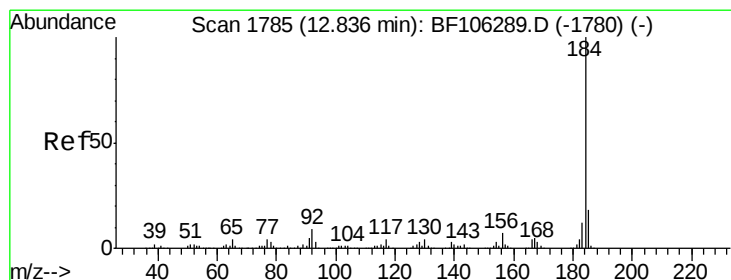
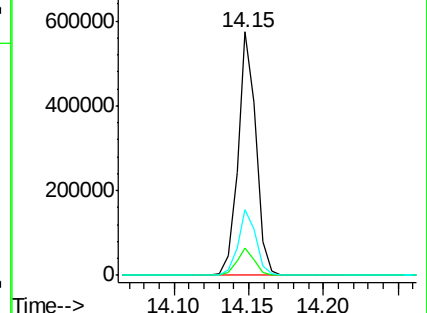
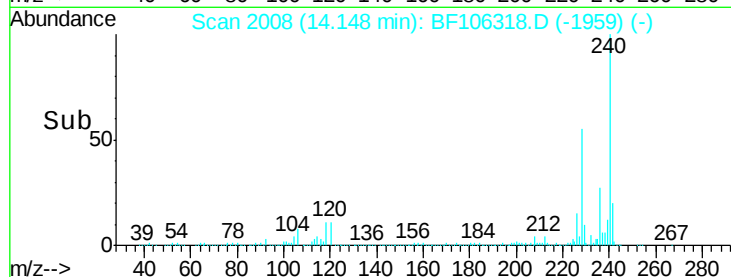
236 27.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.803 ng

RT: 12.84 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

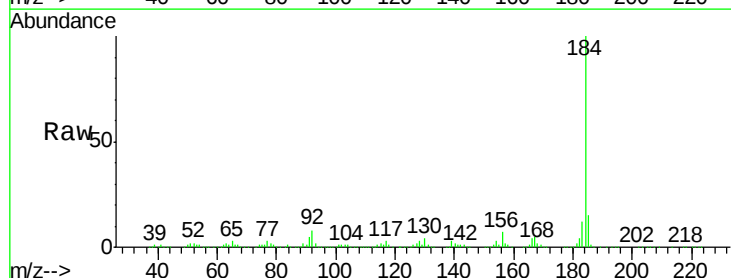
Tgt Ion:184 Resp: 692101

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

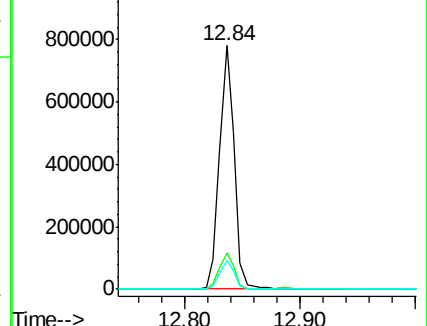
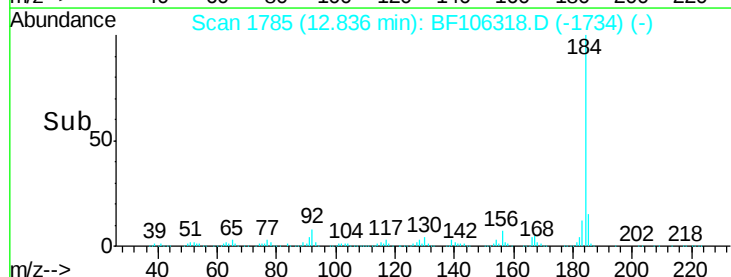
183 11.6 9.3 13.9

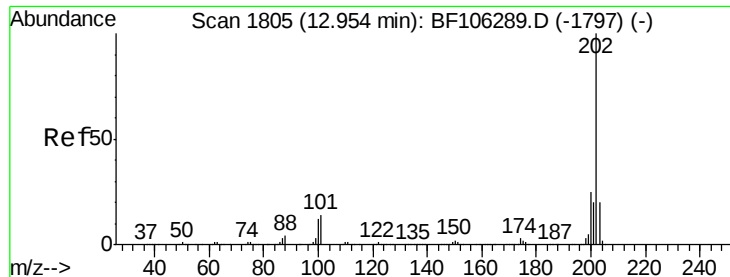


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.131 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

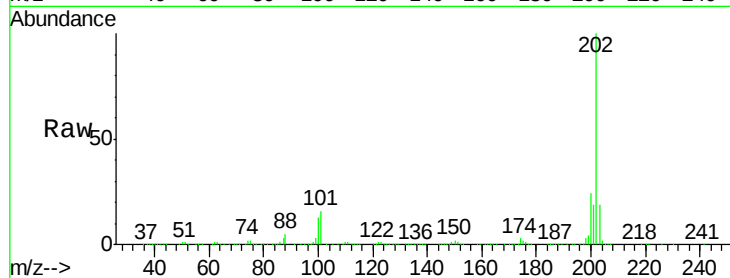
Tgt Ion:202 Resp: 1251062

Ion Ratio Lower Upper

202 100

200 23.9 17.4 26.2

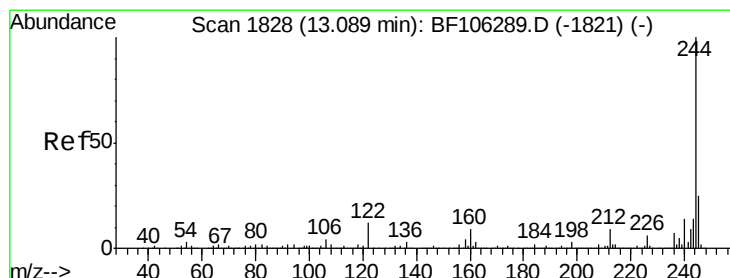
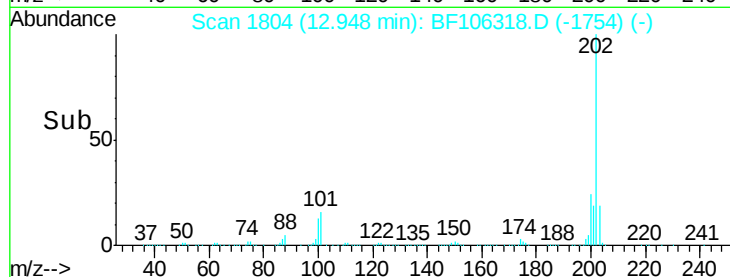
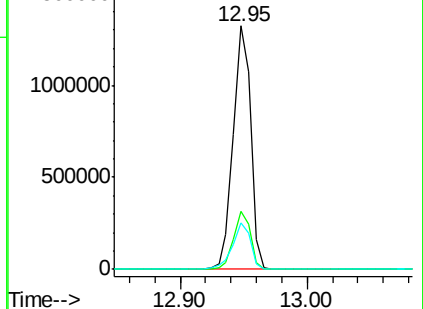
203 19.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.723 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

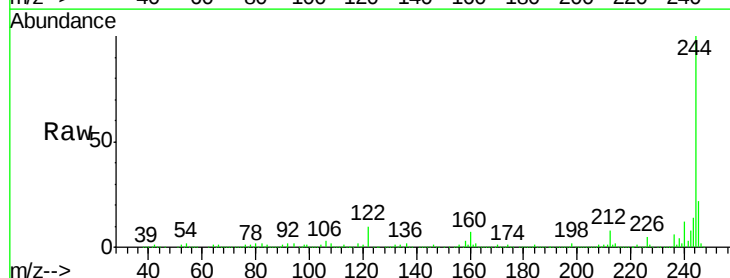
Tgt Ion:244 Resp: 1500744

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

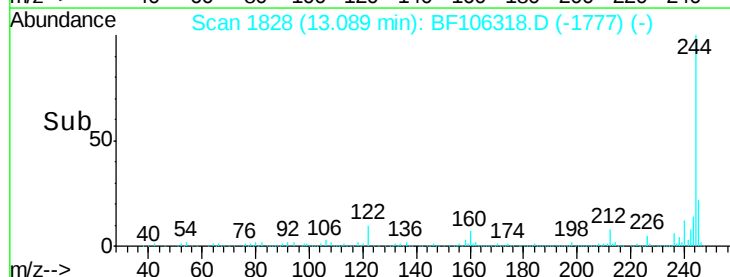
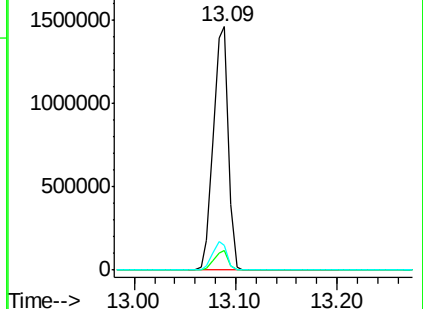
122 10.2 11.0 16.4

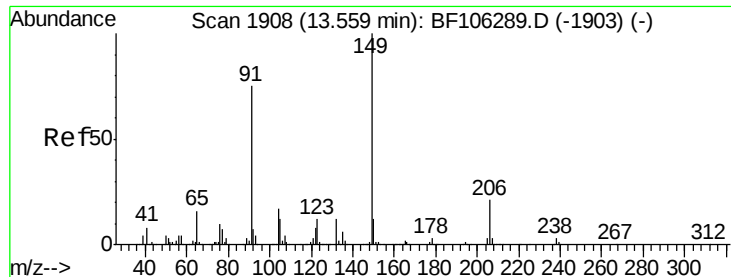


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

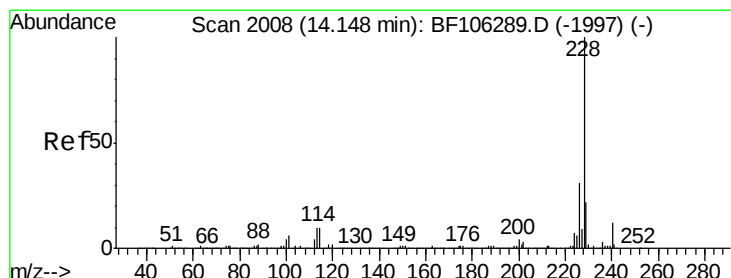
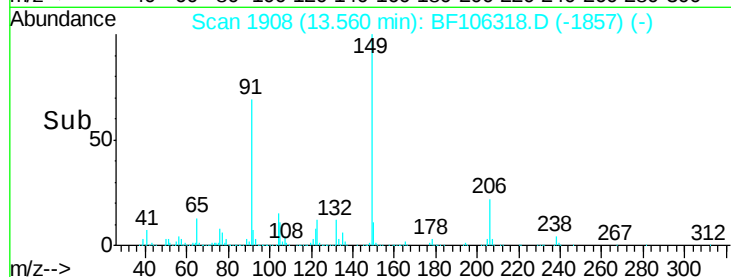
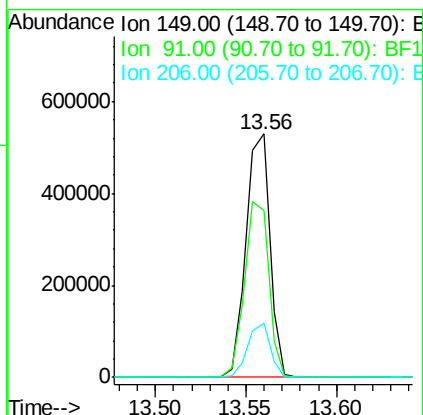
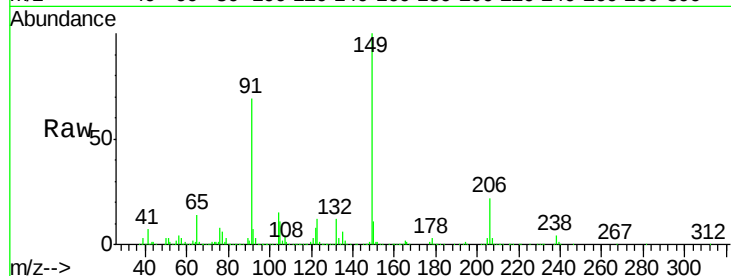




#79
Butylbenzylphthalate
Concen: 42.866 ng
RT: 13.56 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

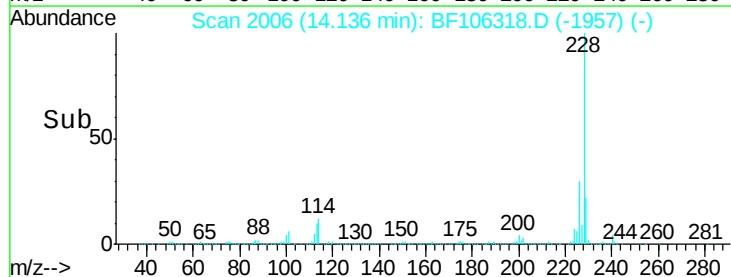
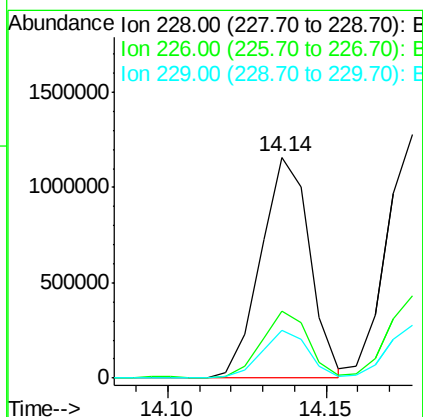
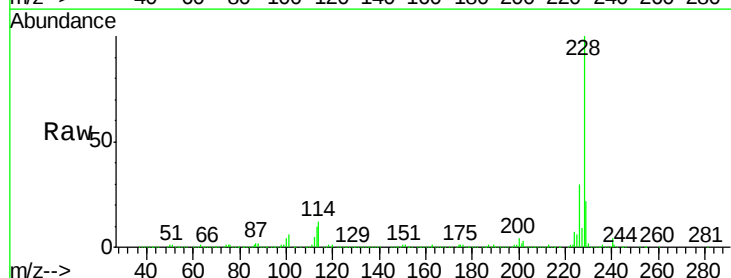
Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

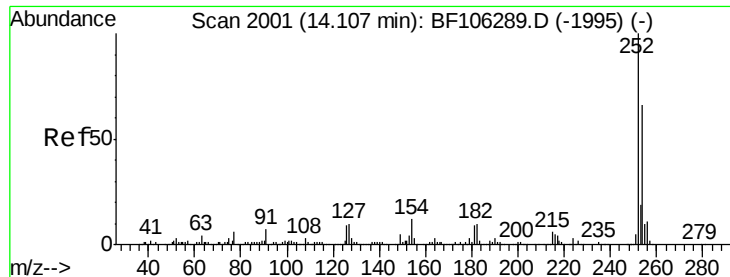
Tgt Ion:149 Resp: 488062
Ion Ratio Lower Upper
149 100
91 68.8 56.8 85.2
206 22.4 14.1 21.1#



#80
Benzo(a)anthracene
Concen: 42.749 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion:228 Resp: 1235961
Ion Ratio Lower Upper
228 100
226 30.2 22.6 33.8
229 21.9 15.8 23.6

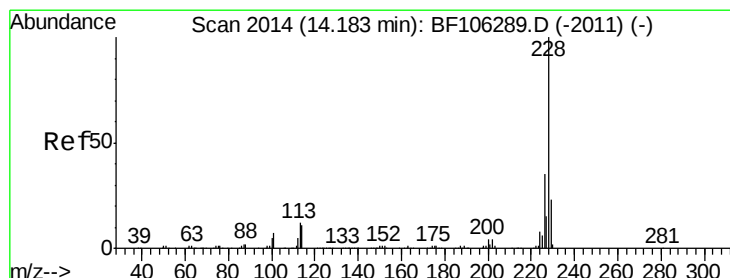
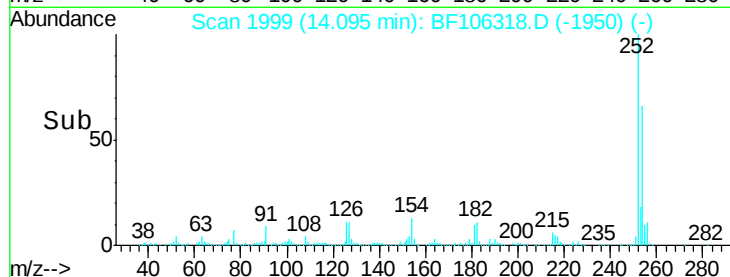
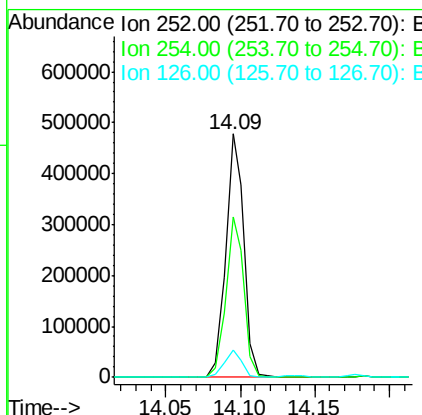
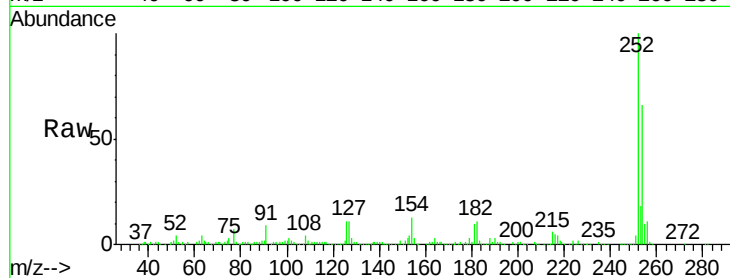




#81
 3,3'-Dichlorobenzidine
 Concen: 42.193 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

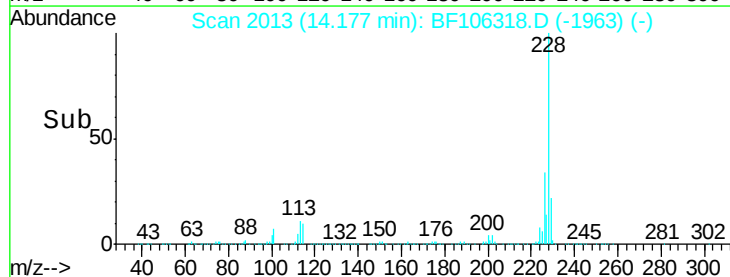
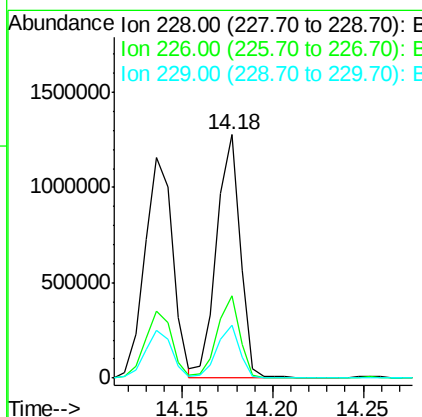
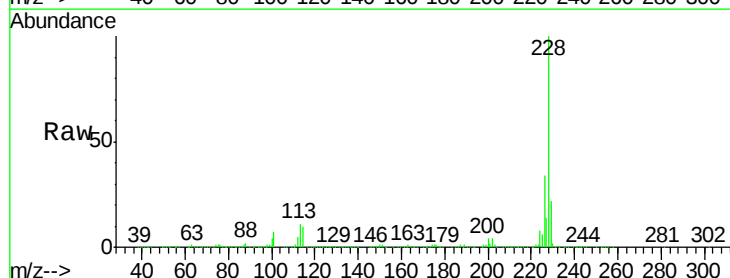
Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

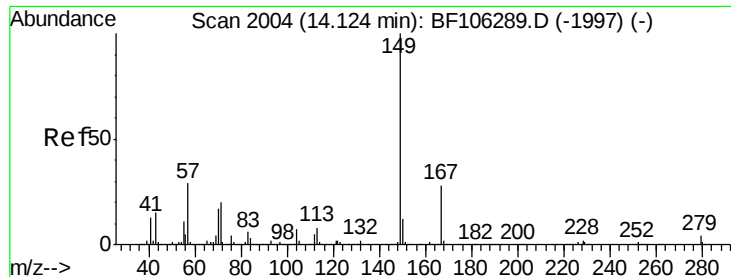
Tgt Ion:252 Resp: 411593
 Ion Ratio Lower Upper
 252 100
 254 65.6 50.4 75.6
 126 11.3 11.3 16.9



#82
 Chrysene
 Concen: 43.605 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion:228 Resp: 1151044
 Ion Ratio Lower Upper
 228 100
 226 34.0 25.0 37.6
 229 21.6 16.2 24.4

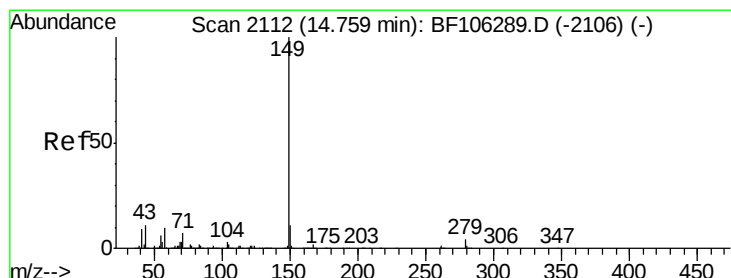
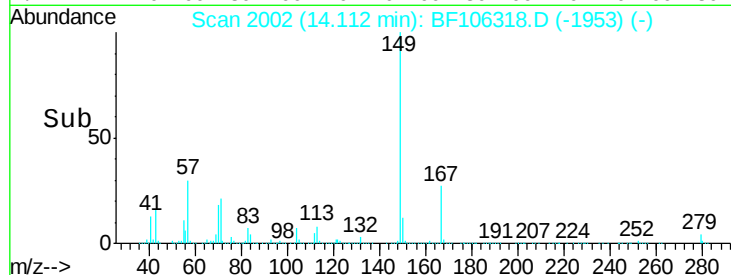
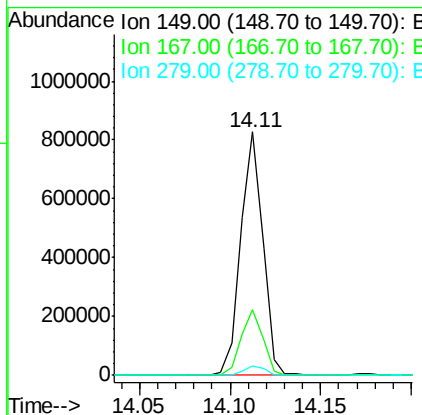
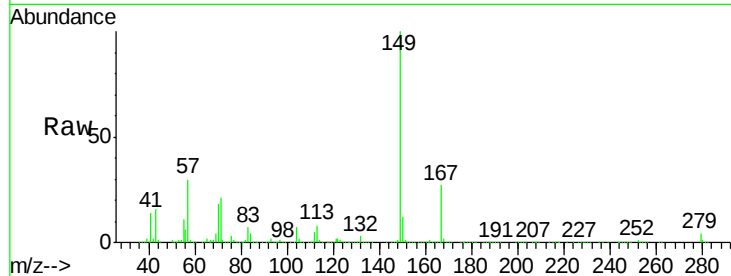




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.890 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

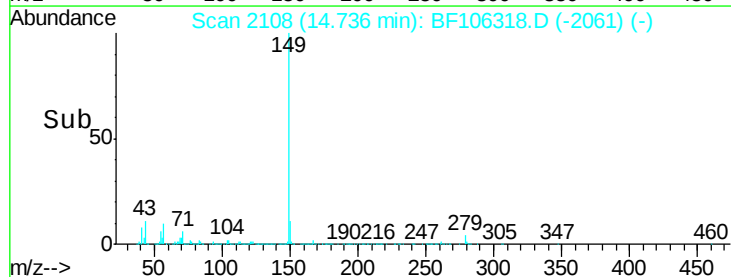
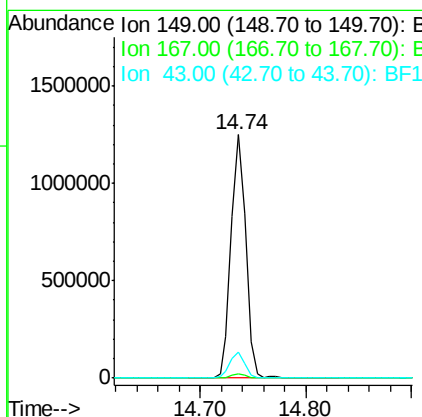
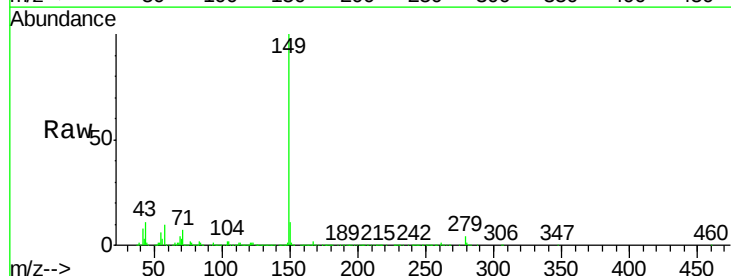
Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-02-03-1-27MSD

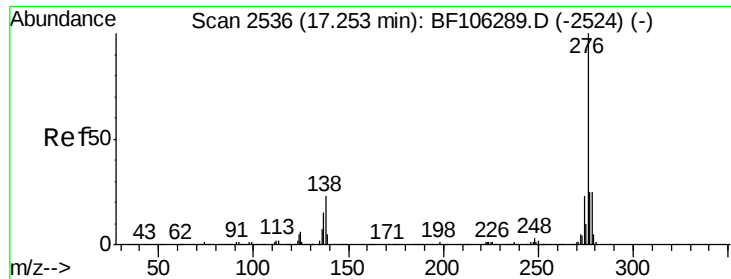
Tgt Ion:149 Resp: 700191
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 51.052 ng
 RT: 14.74 min Scan# 2108
 Delta R.T. -0.02 min
 Lab File: BF106318.D
 Acq: 12 Jun 2018 1:48

Tgt Ion:149 Resp: 1201508
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.5 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.889 ng

RT: 17.23 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

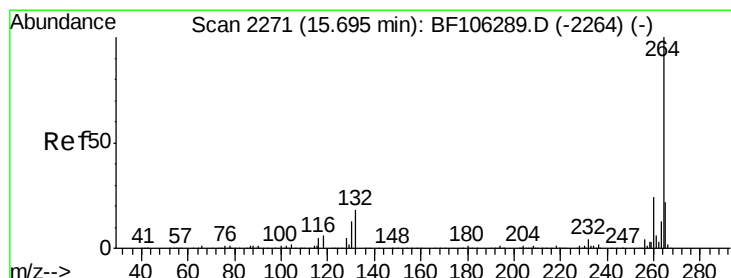
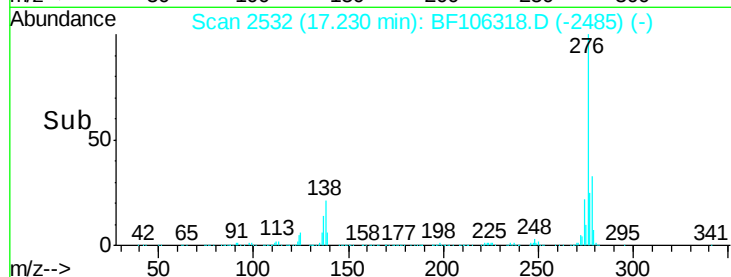
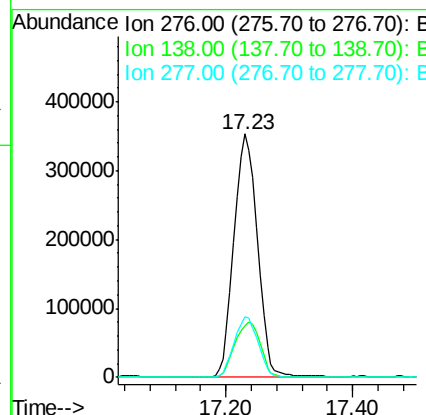
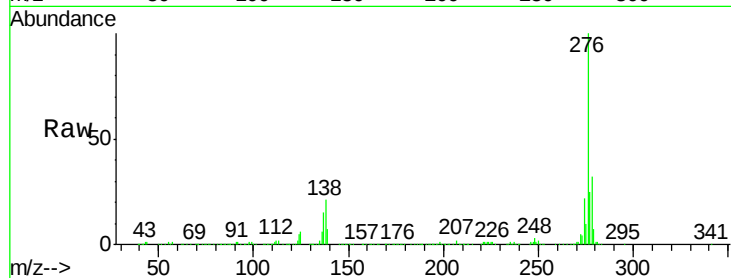
Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

Tgt Ion:	276	Resp:	903544
Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.0	37.6#
277	25.5	20.1	30.1



#86

Perylene-d12

Concen: 20.000 ng

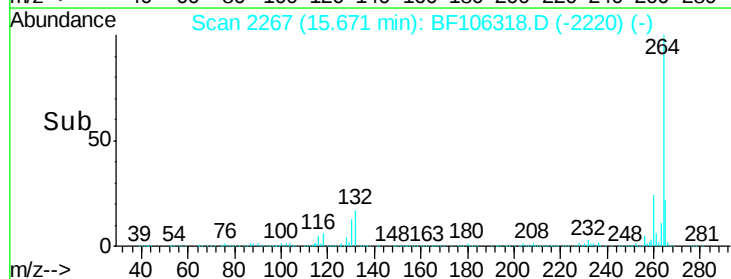
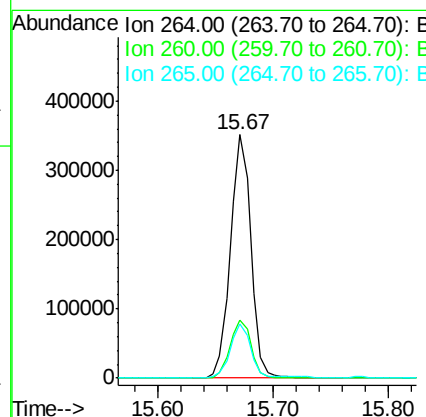
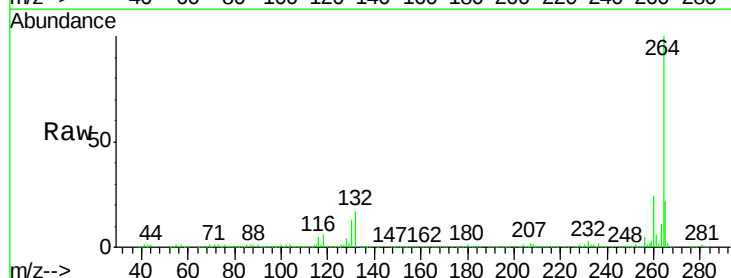
RT: 15.67 min Scan# 2267

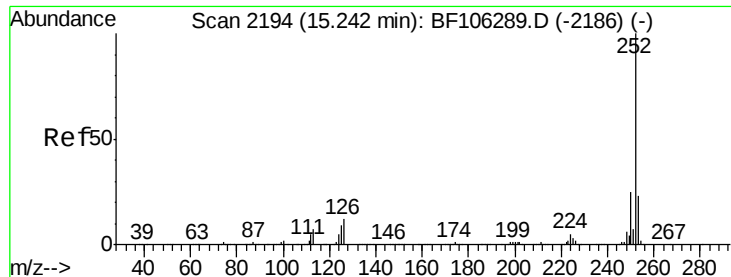
Delta R.T. -0.02 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Tgt Ion:	264	Resp:	431979
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.5	26.3

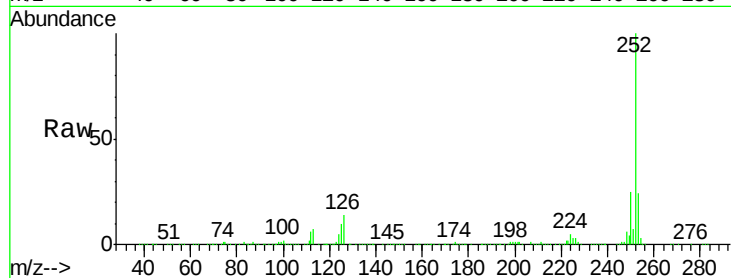




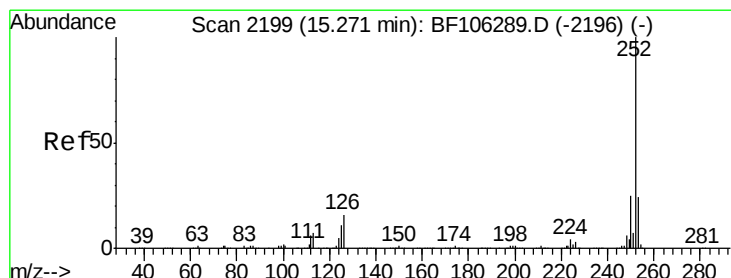
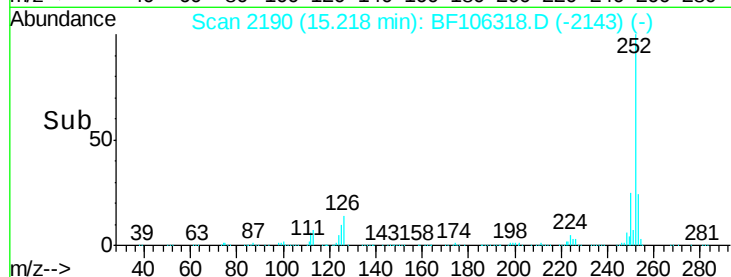
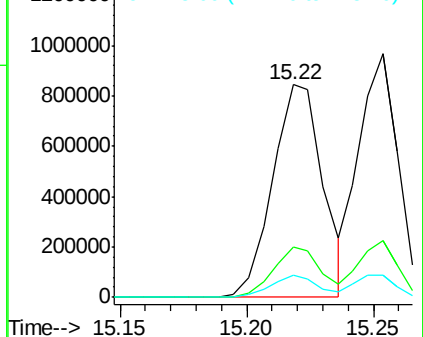
#87
Benzo(b)fluoranthene
Concen: 44.675 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-02-03-1-27MSD

Tgt Ion:252 Resp: 1166571
Ion Ratio Lower Upper
252 100
253 23.6 17.0 25.6
125 10.4 9.0 13.6

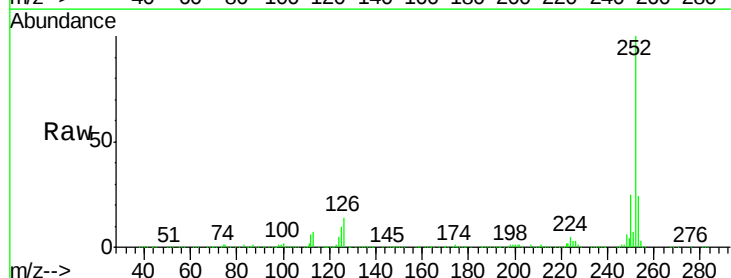


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

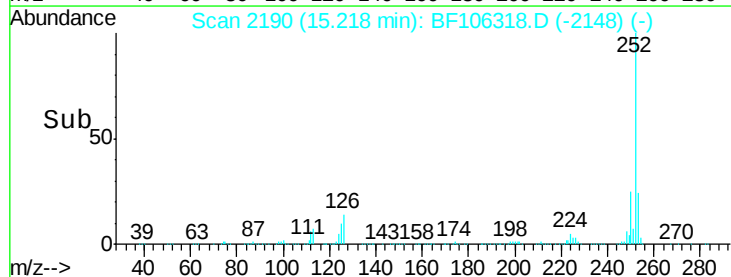
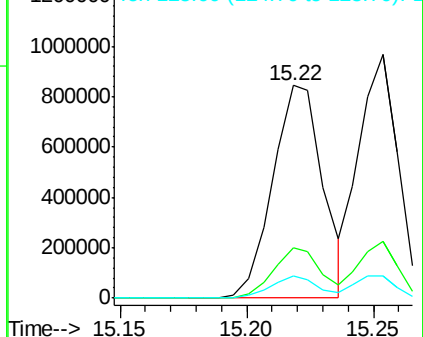


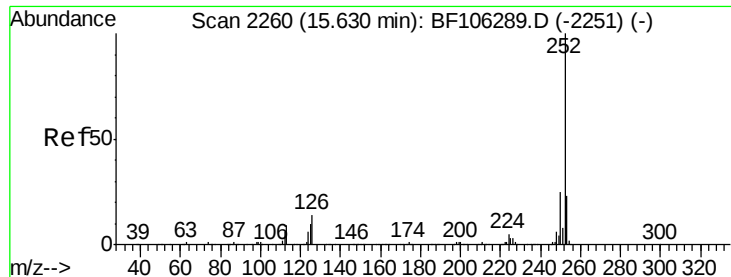
#88
Benzo(k)fluoranthene
Concen: 45.109 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.05 min
Lab File: BF106318.D
Acq: 12 Jun 2018 1:48

Tgt Ion:252 Resp: 1166571
Ion Ratio Lower Upper
252 100
253 23.6 17.9 26.9
125 10.4 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: 44.172 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD

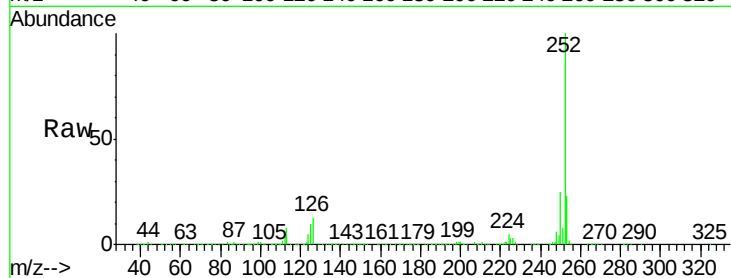
Tgt Ion:252 Resp: 1037474

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

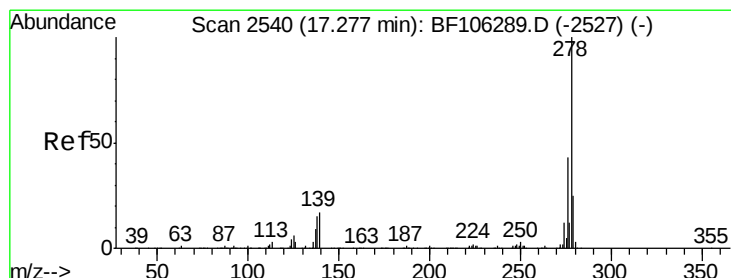
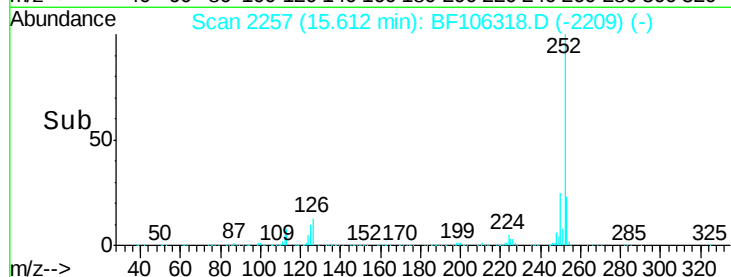
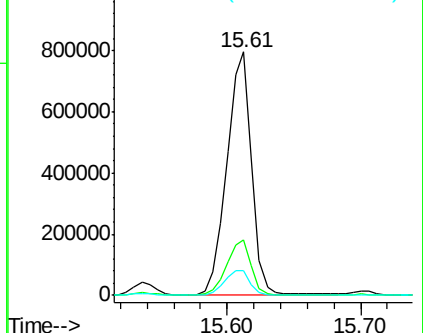
125 10.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.688 ng

RT: 17.25 min Scan# 2535

Delta R.T. -0.03 min

Lab File: BF106318.D

Acq: 12 Jun 2018 1:48

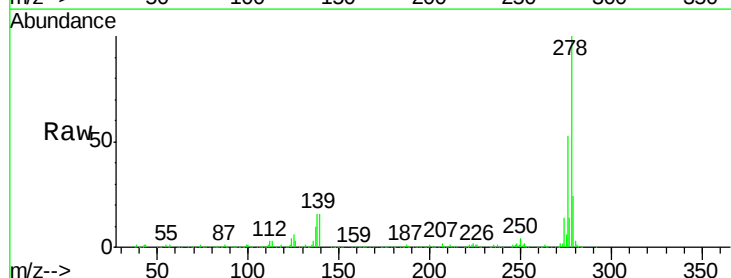
Tgt Ion:278 Resp: 737984

Ion Ratio Lower Upper

278 100

139 16.2 15.9 23.9

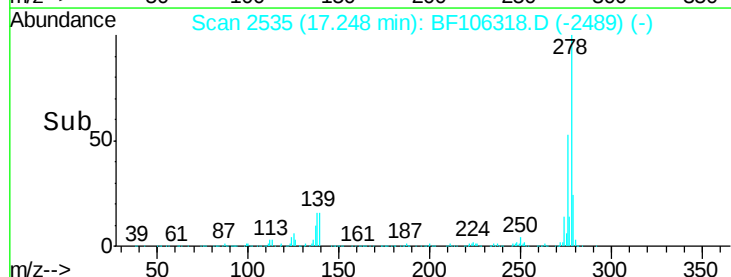
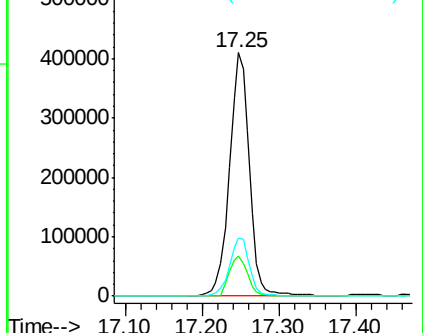
279 24.0 19.0 28.4

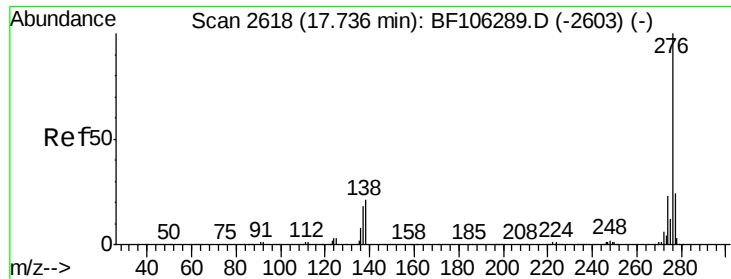


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 37.466 ng

RT: 17.71 min Scan# 2613

Delta R.T. -0.03 min

Lab File: BF106318.D

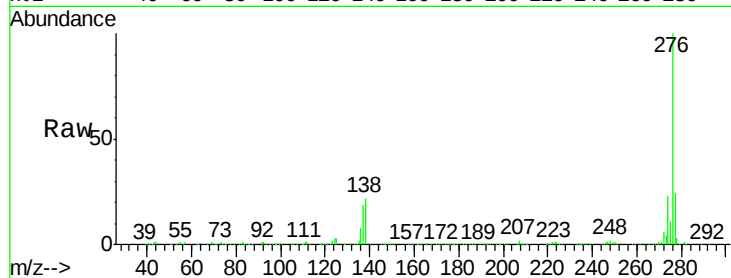
Acq: 12 Jun 2018 1:48

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-02-03-1-27MSD



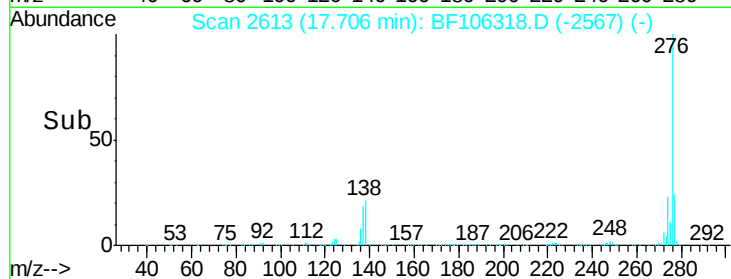
Tgt Ion: 276 Resp: 712961

Ion Ratio Lower Upper

276 100

277 24.1 17.9 26.9

138 21.5 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

