

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106366.D
 Acq On : 13 Jun 2018 1:26
 Operator : JU/SJ
 Sample : PB110114BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 04:43:59 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	6.98	152	146994	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	512841	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	214595	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	400304	20.00	ng	0.00
75) Chrysene-d12	14.16	240	374257	20.00	ng	0.00
86) Perylene-d12	15.69	264	283476	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1036895	119.39	ng	0.04
7) Phenol-d6	6.62	99	1237592	112.79	ng	0.04
23) Nitrobenzene-d5	7.54	82	798523	91.60	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	291852	141.35	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1197126	107.39	ng	0.00
78) Terphenyl-d14	13.10	244	1383592	91.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	134432	29.908	ng	94
3) Pyridine	3.64	79	418475	33.409	ng	98
4) n-Nitrosodimethylamine	3.60	42	198217	34.544	ng	93
6) Aniline	6.64	93	281941	17.596	ng	# 9
8) 2-Chlorophenol	6.78	128	358658	38.401	ng	100
9) Benzaldehyde	6.53	77	260576	31.308	ng	99
10) Phenol	6.64	94	461374	38.516	ng	# 68
11) bis(2-Chloroethyl)ether	6.71	93	392011	38.228	ng	98
12) 1,3-Dichlorobenzene	6.92	146	404219	36.773	ng	100
13) 1,4-Dichlorobenzene	7.00	146	411458	36.886	ng	97
14) 1,2-Dichlorobenzene	7.15	146	382093	36.387	ng	98
15) Benzyl Alcohol	7.12	79	320519	34.109	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	554068	37.692	ng	# 35
17) 2-Methylphenol	7.25	107	300415	36.052	ng	# 89
18) Hexachloroethane	7.49	117	126790	31.899	ng	92
19) n-Nitroso-di-n-propylamine	7.38	70	272671	33.123	ng	97
20) 3+4-Methylphenols	7.40	107	419240	39.342	ng	93
22) Acetophenone	7.38	105	506368	39.180	ng	# 97
24) Nitrobenzene	7.56	77	390045	41.165	ng	99
25) Isophorone	7.80	82	712821	41.863	ng	98
26) 2-Nitrophenol	7.87	139	181309	49.299	ng	95
27) 2,4-Dimethylphenol	7.92	122	318038	44.120	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	456593	41.355	ng	98
29) 2,4-Dichlorophenol	8.14	162	307823	44.264	ng	96
30) 1,2,4-Trichlorobenzene	8.20	180	311917	40.002	ng	97
31) Naphthalene	8.28	128	938322	40.474	ng	99
32) Benzoic acid	8.03	122	153009	31.698	ng	91
33) 4-Chloroaniline	8.32	127	114007	11.097	ng	95
34) Hexachlorobutadiene	8.39	225	207304	41.382	ng	98
35) Caprolactam	8.70	113	90321	38.398	ng	96
36) 4-Chloro-3-methylphenol	8.83	107	296979	38.606	ng	97
37) 2-Methylnaphthalene	8.97	142	625617	39.621	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	313125	44.948	ng	# 97
40) Hexachlorocyclopentadiene	9.12	237	52723	13.717	ng	99

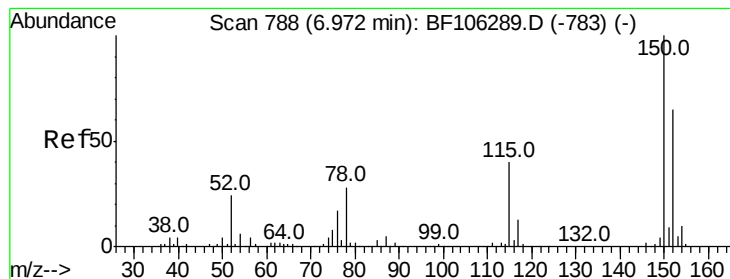
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
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 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	205802	46.357	ng	100
43) 2,4,5-Trichlorophenol	9.26	196	205802	43.001	ng	93
45) 1,1'-Biphenyl	9.44	154	725295	43.636	ng	99
46) 2-Chloronaphthalene	9.47	162	565707	42.530	ng	96
47) 2-Nitroaniline	9.56	65	194570	46.499	ng	90
48) Acenaphthylene	9.88	152	874517	42.953	ng	99
49) Dimethylphthalate	9.73	163	693913	45.260	ng	99
50) 2,6-Dinitrotoluene	9.80	165	136330	43.532	ng	91
51) Acenaphthene	10.05	154	517905	39.389	ng	98
52) 3-Nitroaniline	9.97	138	100091	26.928	ng	97
53) 2,4-Dinitrophenol	10.07	184	50086	39.697	ng	# 19
54) Dibenzofuran	10.22	168	735030	41.514	ng	98
55) 4-Nitrophenol	10.17	139	192926	67.715	ng	90
56) 2,4-Dinitrotoluene	10.20	165	174342	44.331	ng	96
57) Fluorene	10.57	166	570612	40.677	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	169901	44.790	ng	# 83
59) Diethylphthalate	10.43	149	641105	42.130	ng	95
60) 4-Chlorophenyl-phenylether	10.55	204	299196	40.551	ng	92
61) 4-Nitroaniline	10.58	138	131460	36.351	ng	96
62) Azobenzene	10.71	77	621207	39.149	ng	97
64) 4,6-Dinitro-2-methylphenol	10.61	198	44850	24.340	ng	86
65) n-Nitrosodiphenylamine	10.67	169	537744	39.970	ng	95
66) 4-Bromophenyl-phenylether	11.05	248	196816	43.228	ng	# 83
67) Hexachlorobenzene	11.11	284	197547	42.086	ng	# 90
68) Atrazine	11.20	200	177861	42.899	ng	96
69) Pentachlorophenol	11.32	266	178957	61.925	ng	99
70) Phenanthrene	11.54	178	834931	42.589	ng	99
71) Anthracene	11.58	178	853747	43.470	ng	98
72) Carbazole	11.74	167	782460	43.154	ng	98
73) Di-n-butylphthalate	12.06	149	945721	46.864	ng	100
74) Fluoranthene	12.72	202	960625	45.947	ng	98
76) Benzidine	12.85	184	747033	59.975	ng	99
77) Pyrene	12.96	202	983689	41.983	ng	98
79) Butylbenzylphthalate	13.57	149	444478	50.677	ng	# 94
80) Benzo(a)anthracene	14.15	228	940168	42.213	ng	98
81) 3,3'-Dichlorobenzidine	14.11	252	338700	45.073	ng	# 96
82) Chrysene	14.19	228	868242	42.699	ng	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	618685	49.197	ng	99
84) Di-n-octyl phthalate	14.75	149	1036914	57.194	ng	99
85) Indeno(1,2,3-cd)pyrene	17.27	276	671494	41.378	ng	# 93
87) Benzo(b)fluoranthene	15.24	252	765575	44.677	ng	96
88) Benzo(k)fluoranthene	15.27	252	703745	41.468	ng	# 97
89) Benzo(a)pyrene	15.63	252	682127	44.257	ng	96
90) Dibenzo(a,h)anthracene	17.28	278	564706	43.947	ng	96
91) Benzo(g,h,i)perylene	17.74	276	539782	43.225	ng	93

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

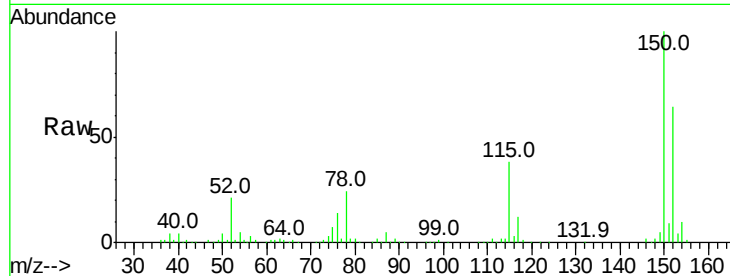


#1

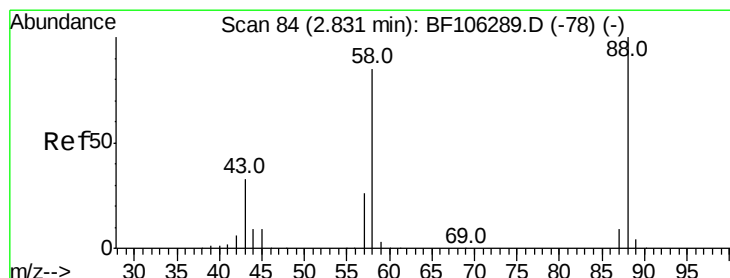
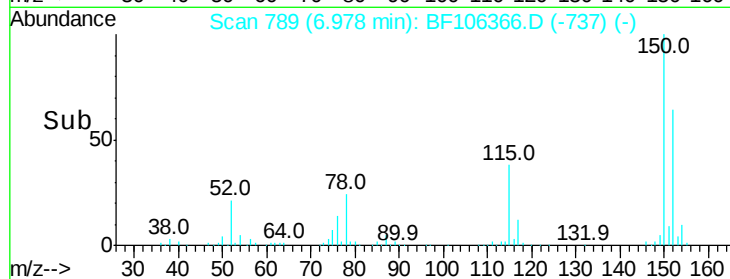
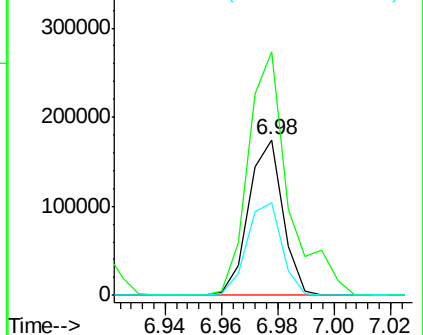
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146994
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 59.3 50.1 75.1



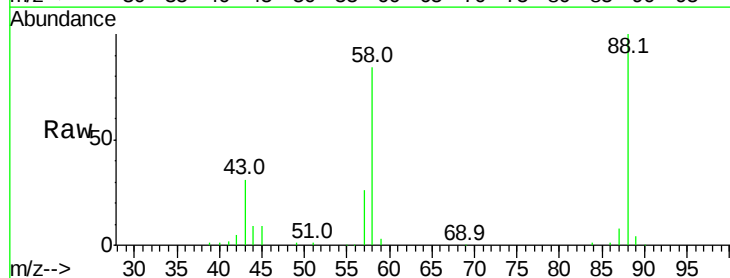
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



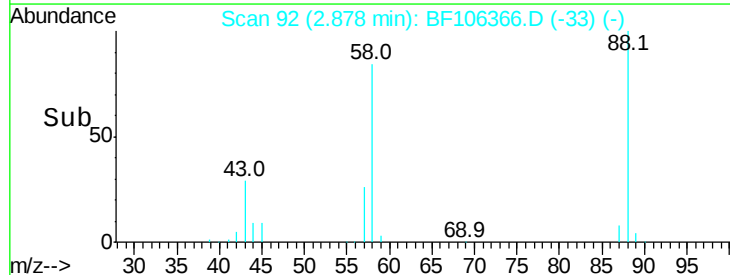
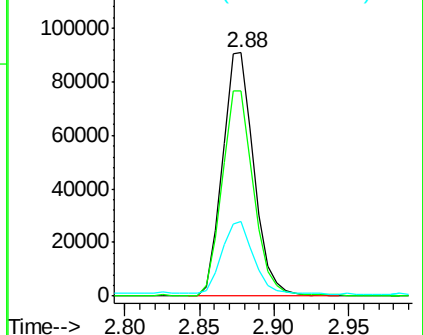
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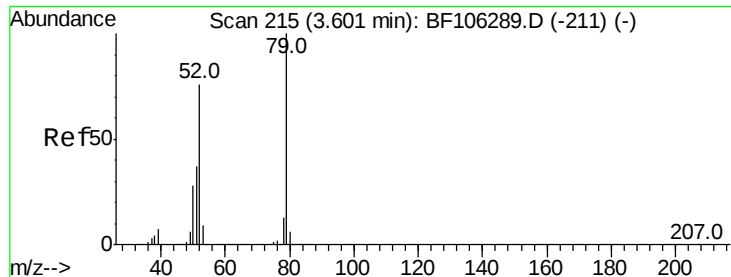
1,4-Dioxane
Concen: 29.908 ng
RT: 2.88 min Scan# 92
Delta R.T. 0.05 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion: 88 Resp: 134432
Ion Ratio Lower Upper
88 100
58 85.0 62.6 93.8
43 30.1 24.6 37.0



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





#3

Pvridine

Concen: 33.409 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampled :

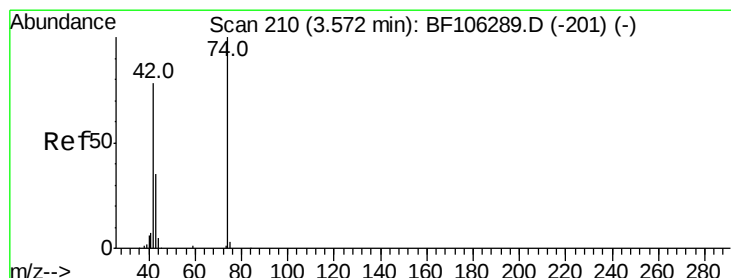
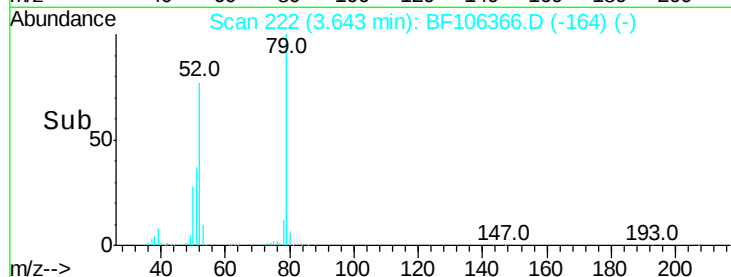
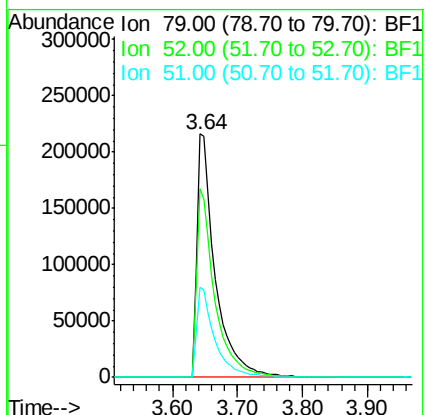
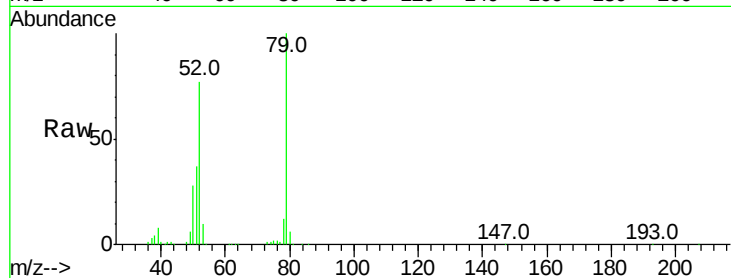
Tot Ion: 79 Resp: 418475

Ion Ratio Lower Upper

79 100

52 77.2 59.8 89.6

51 36.9 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 34.544 ng

RT: 3.60 min Scan# 215

Delta R.T. 0.03 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

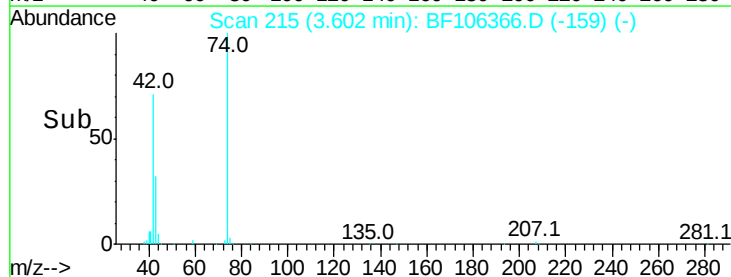
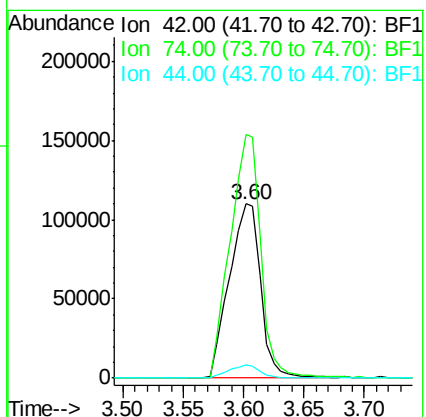
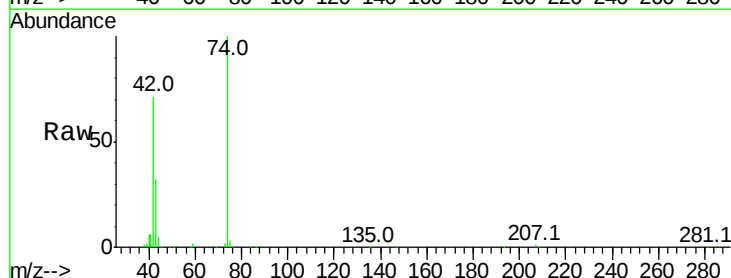
Tgt Ion: 42 Resp: 198217

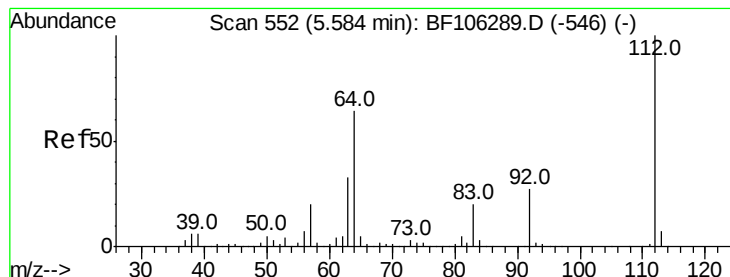
Ion Ratio Lower Upper

42 100

74 140.0 104.9 157.3

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 119.389 ng

RT: 5.62 min Scan# 559

Delta R.T. 0.04 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

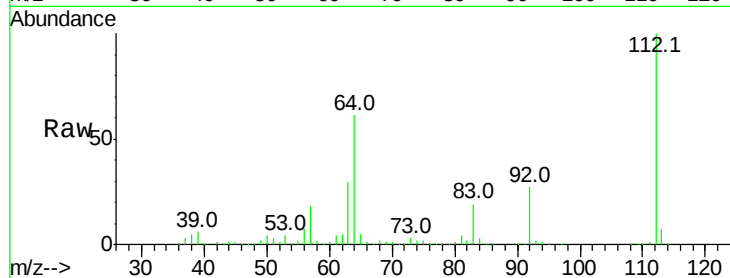
Tot Ion:112 Resp: 1036895

Ion Ratio Lower Upper

112 100

64 61.5 47.9 71.9

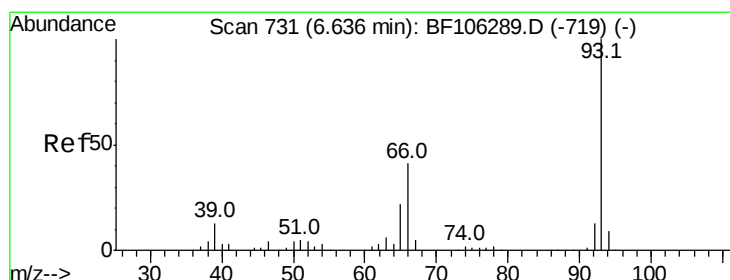
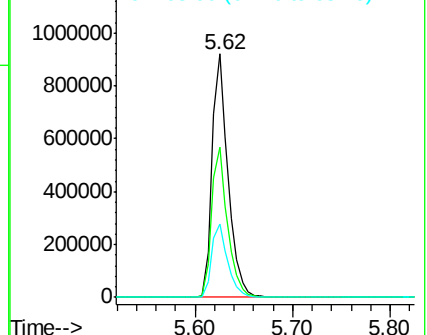
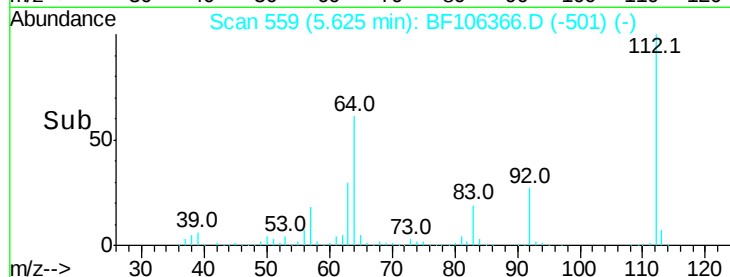
63 30.3 23.7 35.5



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: 17.596 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

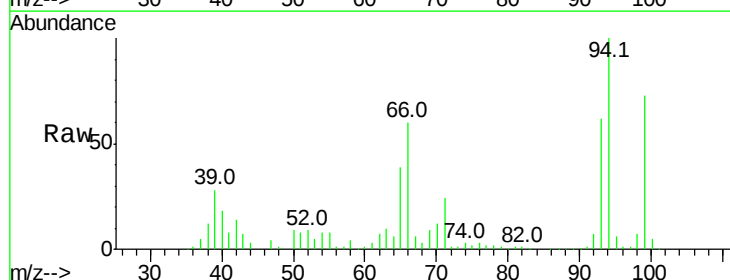
Tgt Ion: 93 Resp: 281941

Ion Ratio Lower Upper

93 100

66 96.3 32.2 48.2#

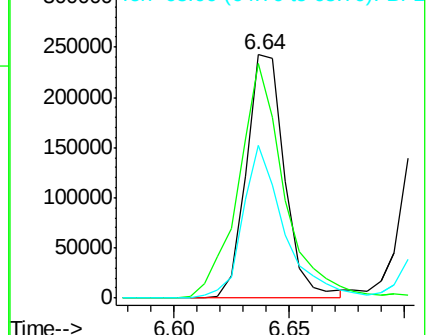
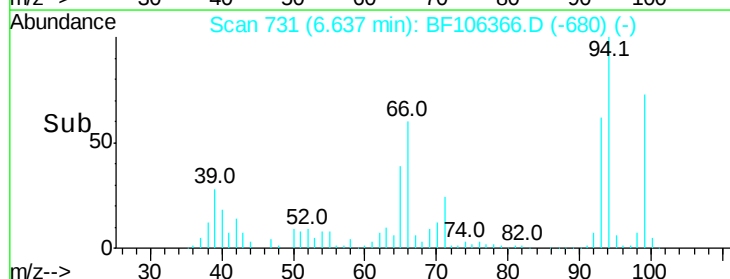
65 62.8 16.4 24.6#

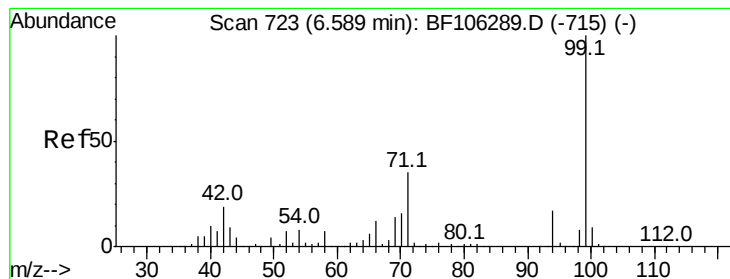


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 112.788 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.04 min

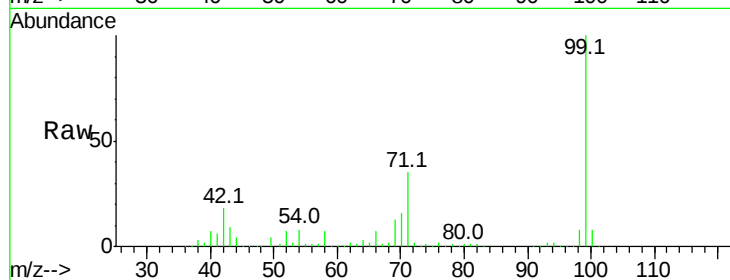
Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

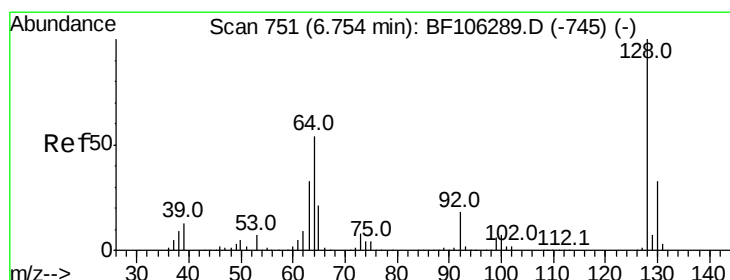
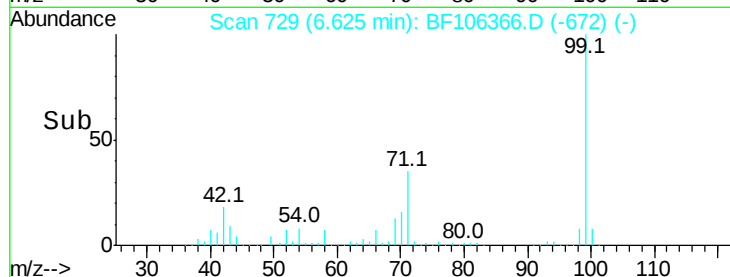
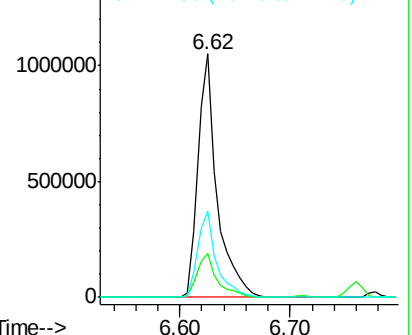
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 99 Resp: 1237592

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	35.1	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: 38.401 ng

RT: 6.78 min Scan# 755

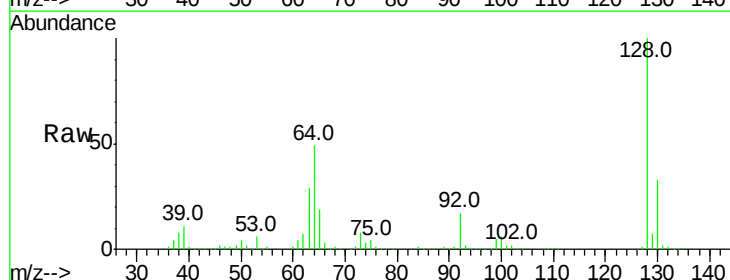
Delta R.T. 0.02 min

Lab File: BF106366.D

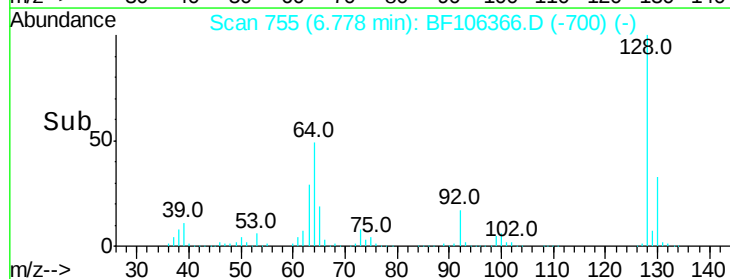
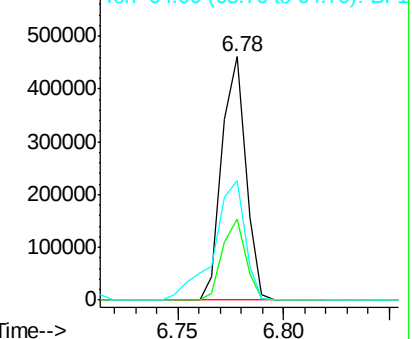
Acq: 13 Jun 2018 1:26

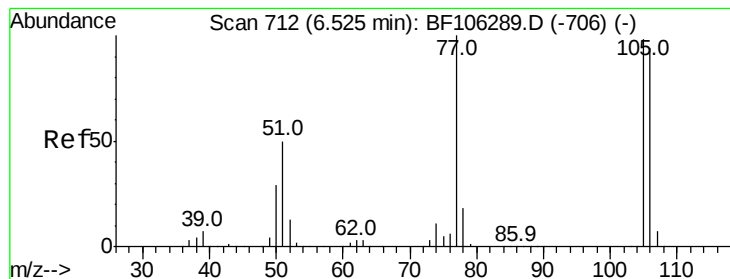
Tgt Ion:128 Resp: 358658

Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	49.0	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: 31.308 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

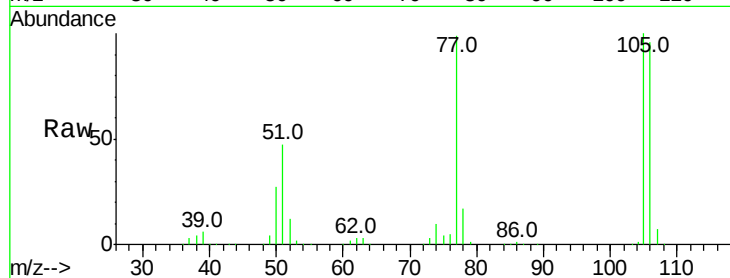
Tot Ion: 77 Resp: 260576

Ion Ratio Lower Upper

77 100

105 100.5 81.1 121.1

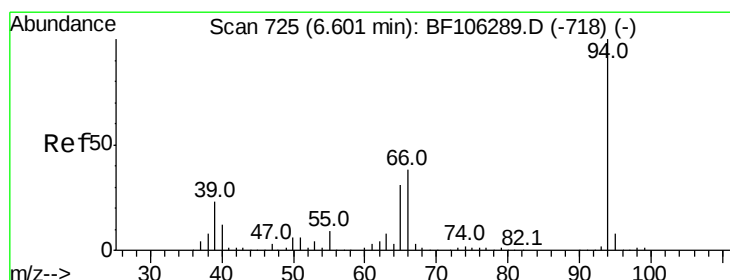
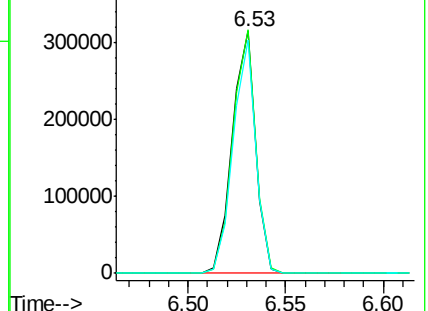
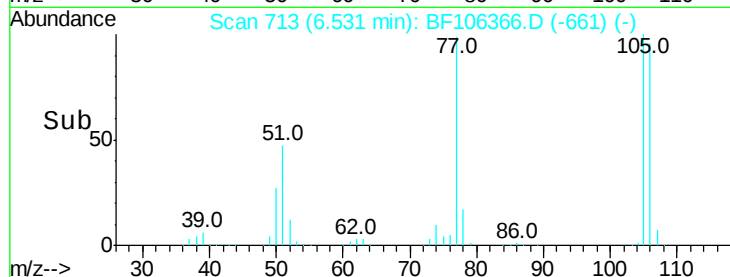
106 96.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.516 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.04 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

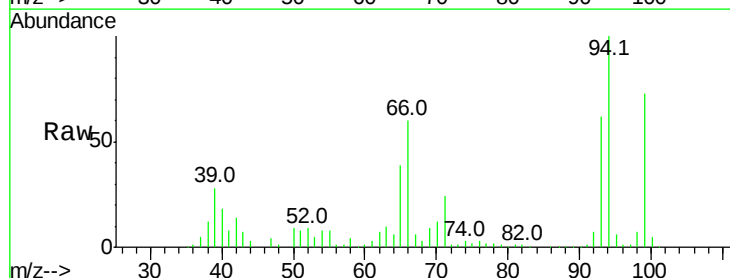
Tgt Ion: 94 Resp: 461374

Ion Ratio Lower Upper

94 100

65 39.1 7.9 47.9

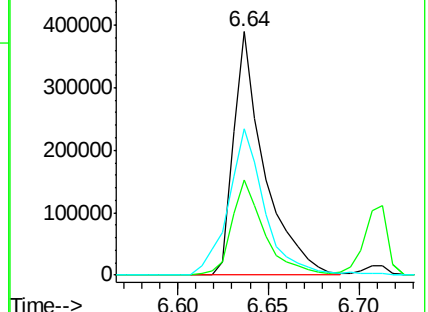
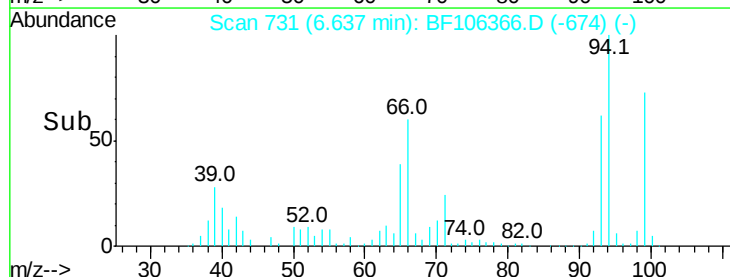
66 59.9 16.2 56.2#

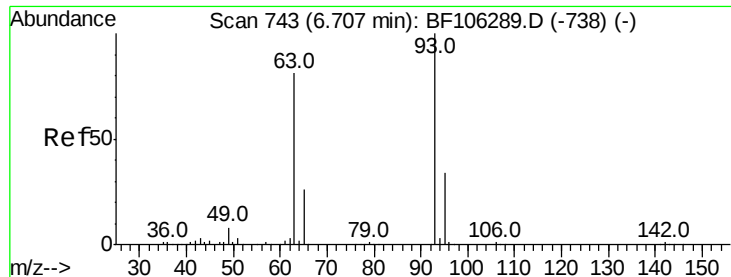


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

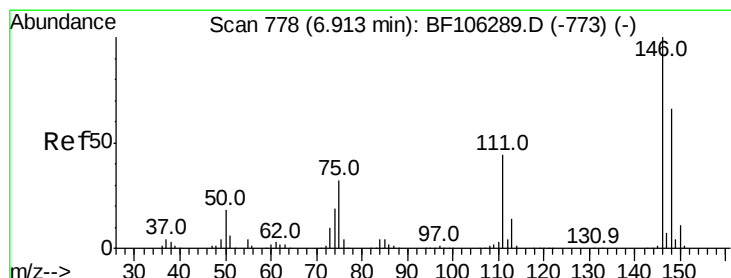
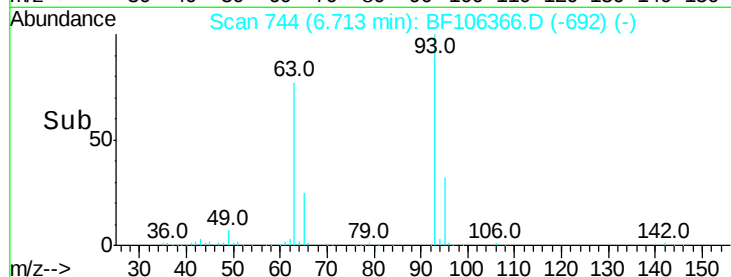
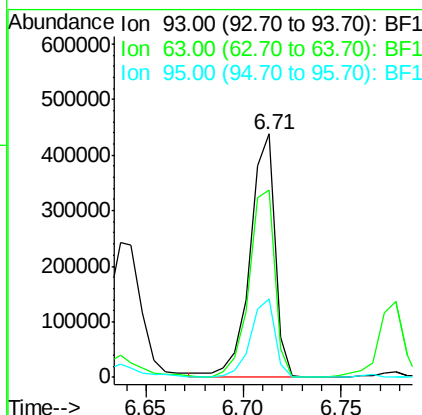
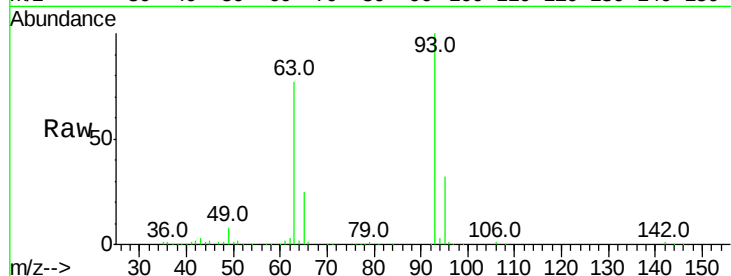




#11
bis(2-Chloroethyl)ether
Concen: 38.228 ng
RT: 6.71 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

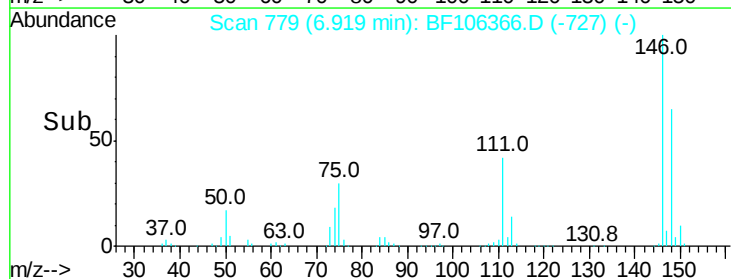
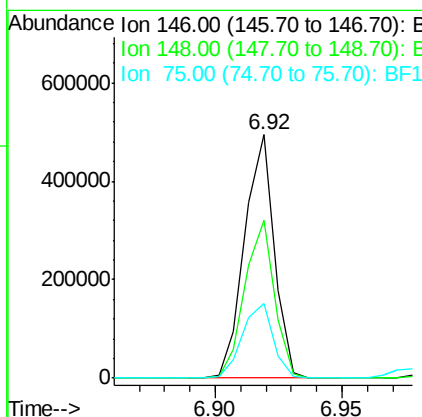
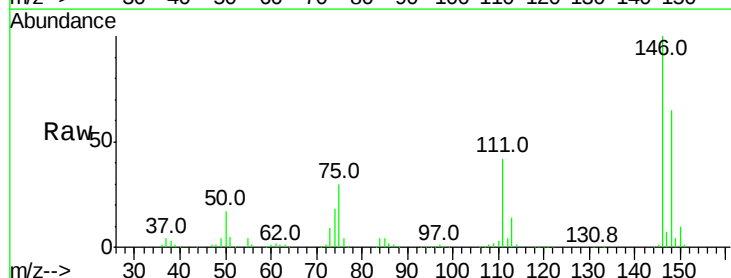
Instrument :
BNA_F
ClientSampled :

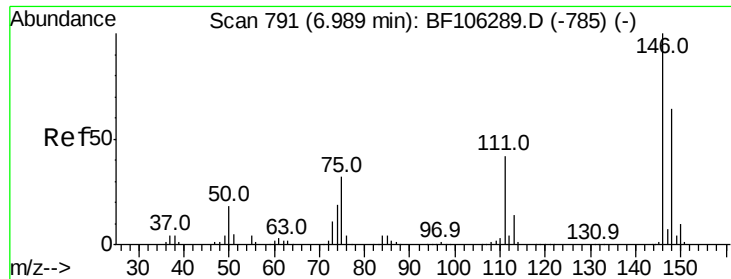
Tot Ion: 93 Resp: 392011
Ion Ratio Lower Upper
93 100
63 76.7 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.773 ng
RT: 6.92 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion: 146 Resp: 404219
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
75 30.4 24.2 36.4

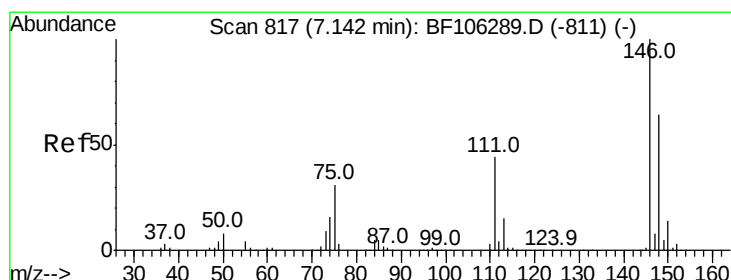
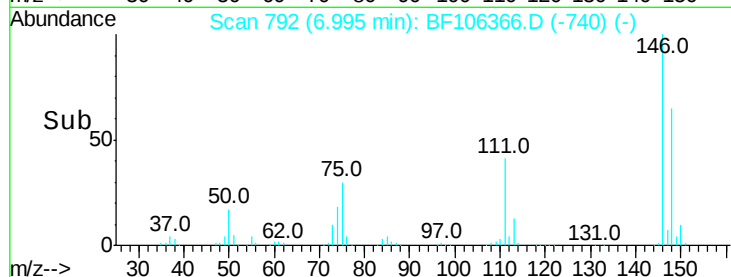
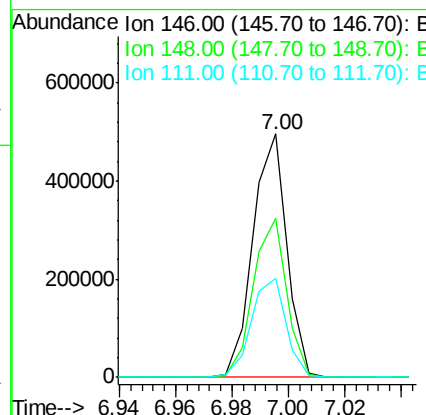
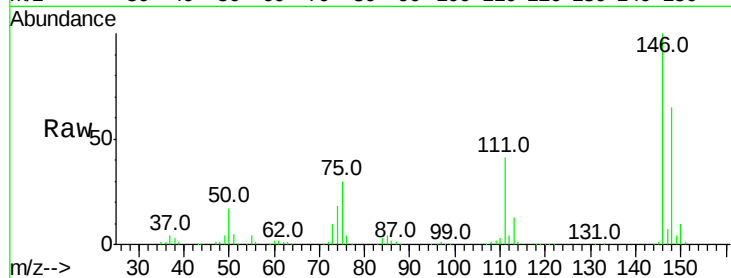




#13
 1,4-Dichlorobenzene
 Concen: 36.886 ng
 RT: 7.00 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

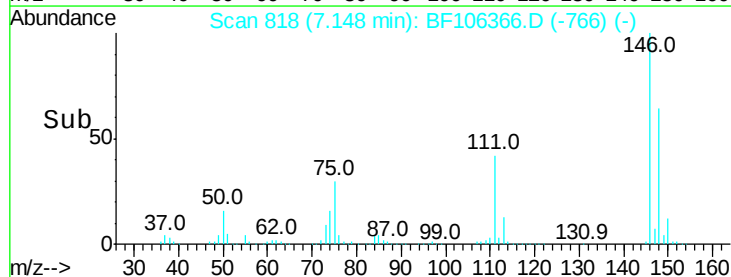
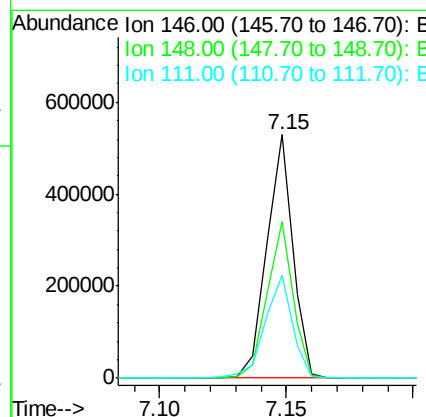
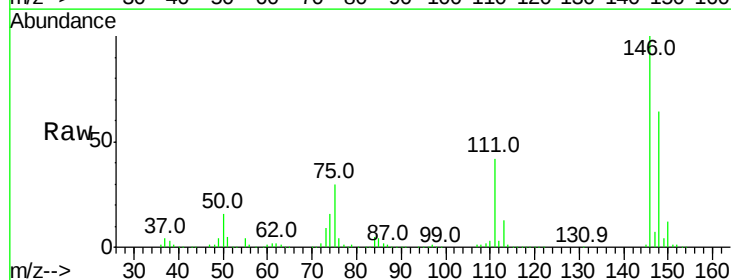
Instrument :
 BNA_F
 ClientSampleId :

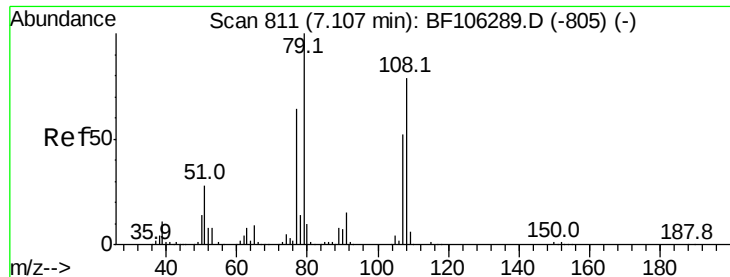
Tot Ion:146 Resp: 411458
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.8 76.2
 111 40.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.387 ng
 RT: 7.15 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion:146 Resp: 382093
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 42.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 34.109 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

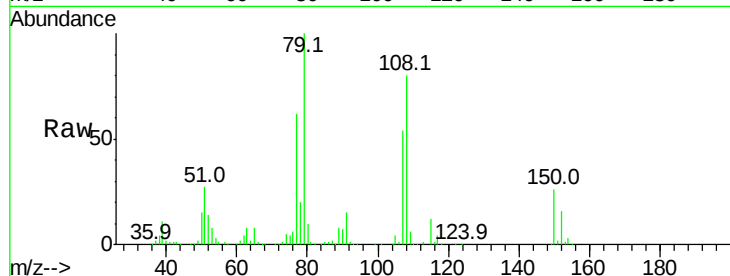
Tot Ion: 79 Resp: 320519

Ion Ratio Lower Upper

79 100

108 80.3 65.1 97.7

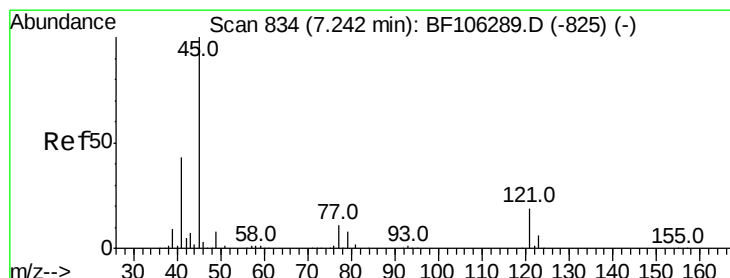
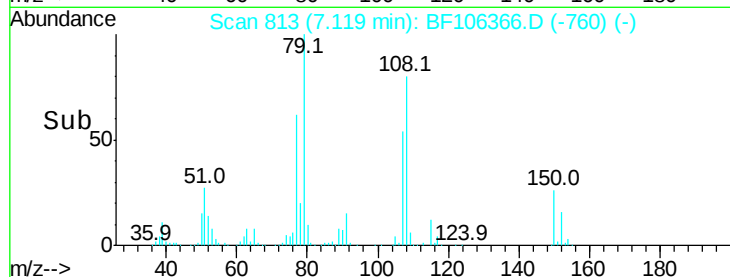
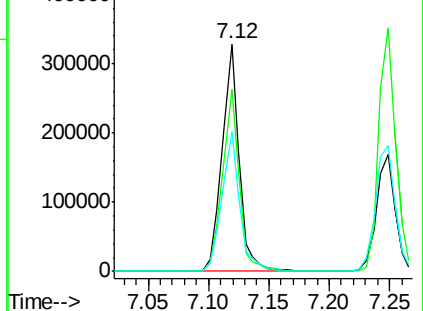
77 61.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.692 ng

RT: 7.24 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

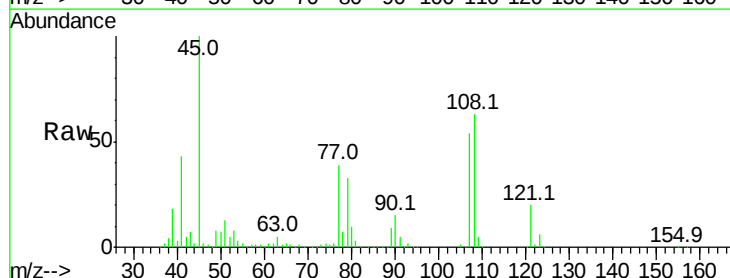
Tgt Ion: 45 Resp: 554068

Ion Ratio Lower Upper

45 100

77 39.0 0.0 32.9#

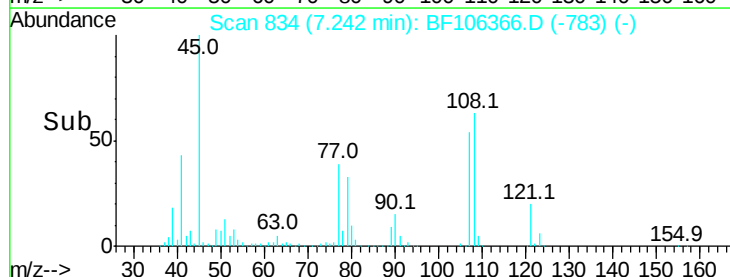
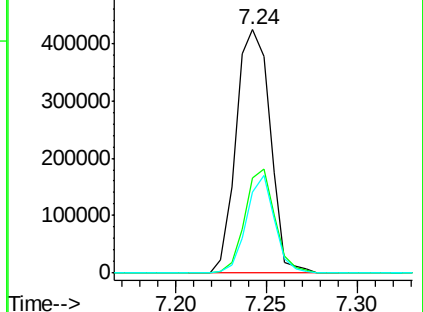
79 33.4 0.0 29.6#

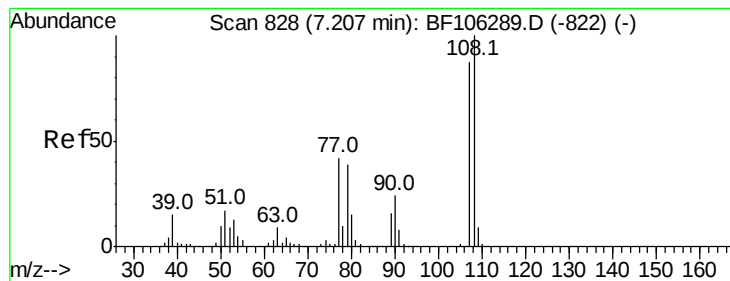


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

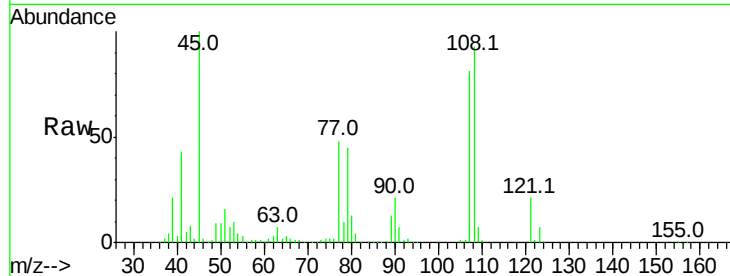




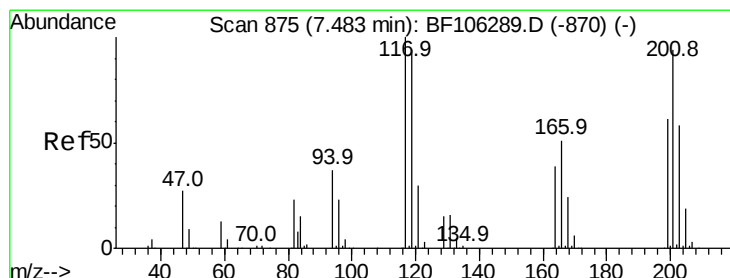
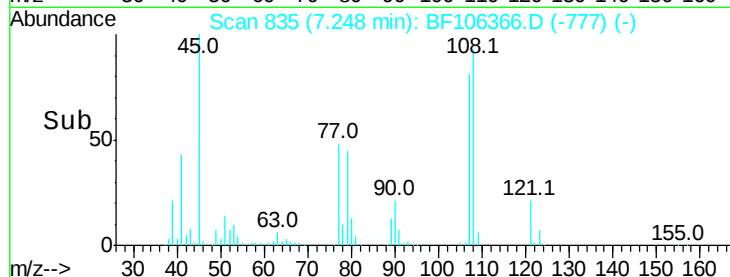
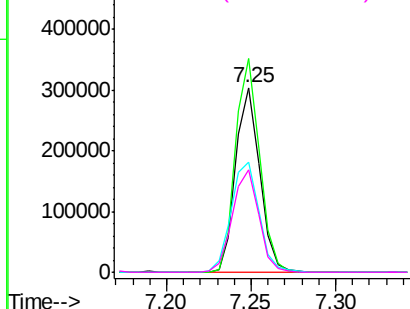
#17
2-Methylphenol
Concen: 36.052 ng
RT: 7.25 min Scan# 835
Delta R.T. 0.04 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 300415
Ion Ratio Lower Upper
107 100
108 115.6 91.7 137.5
77 59.8 33.8 50.8#
79 55.7 33.8 50.8#

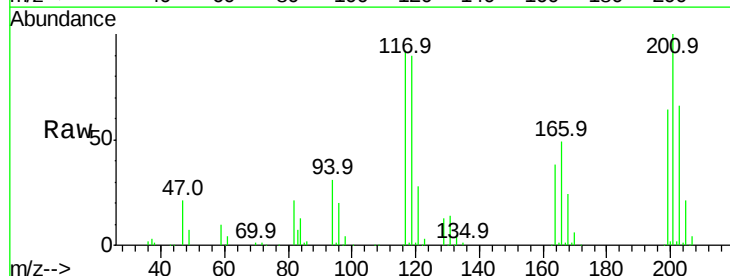


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

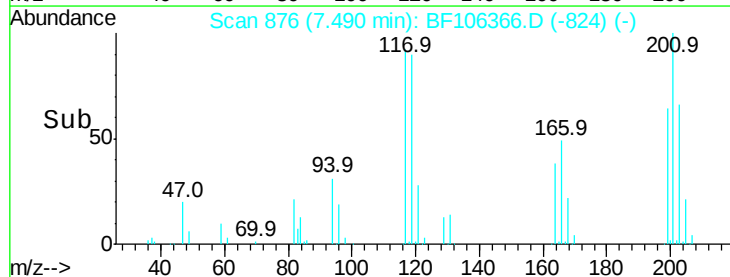
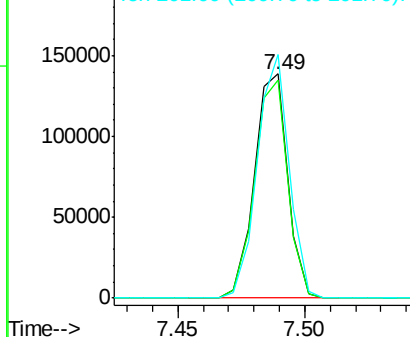


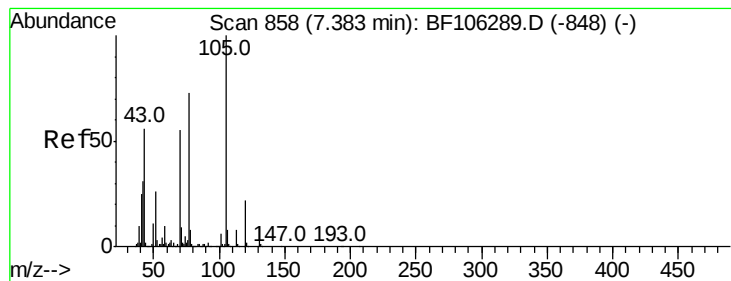
#18
Hexachloroethane
Concen: 31.899 ng
RT: 7.49 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion:117 Resp: 126790
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
201 108.6 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: 33.123 ng

RT: 7.38 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 272671

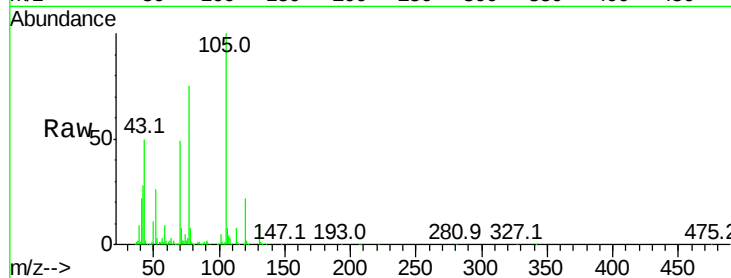
Ion Ratio Lower Upper

70 100

42 56.4 47.5 71.3

101 9.4 7.4 11.2

130 19.4 16.6 25.0

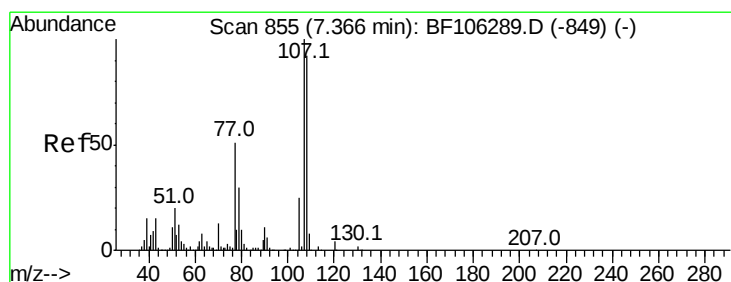
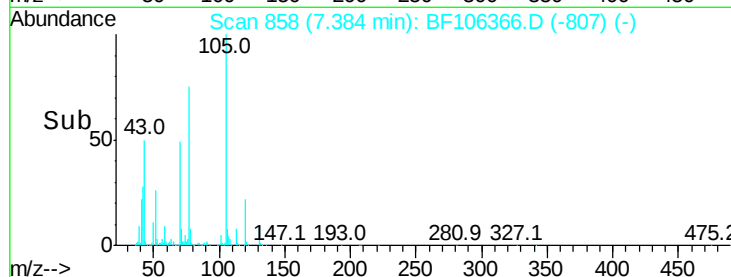
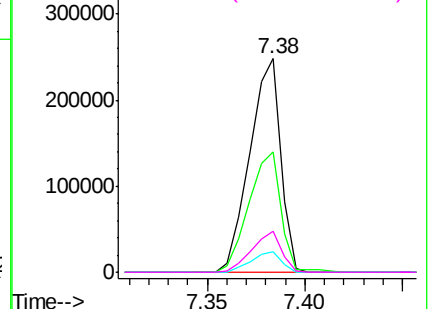


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 39.342 ng

RT: 7.40 min Scan# 861

Delta R.T. 0.04 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Tgt Ion:107 Resp: 419240

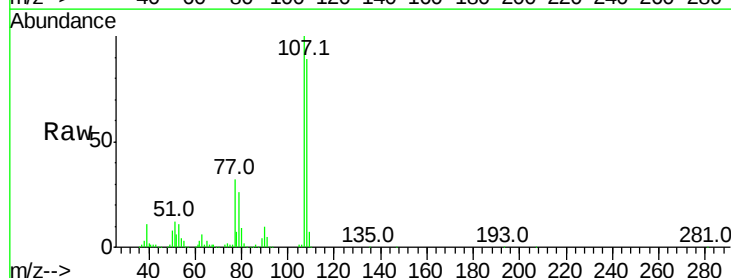
Ion Ratio Lower Upper

107 100

108 89.2 68.2 108.2

77 31.9 26.7 66.7

79 26.0 6.3 46.3

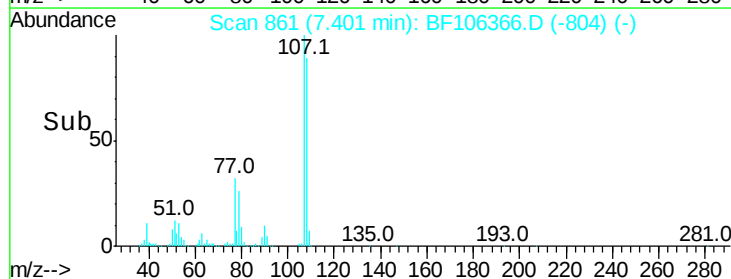
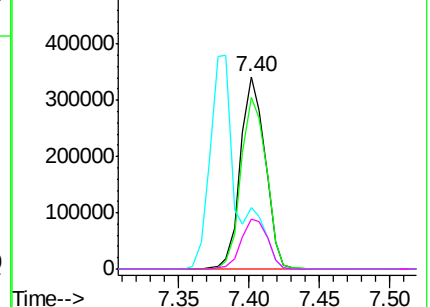


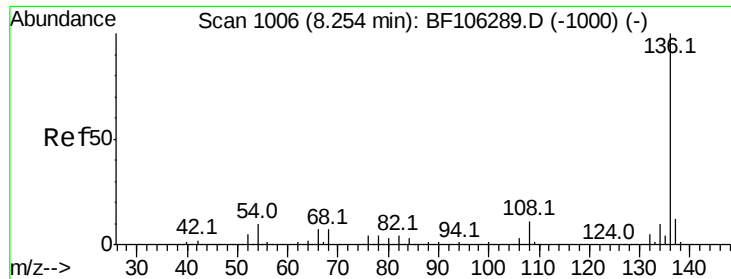
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

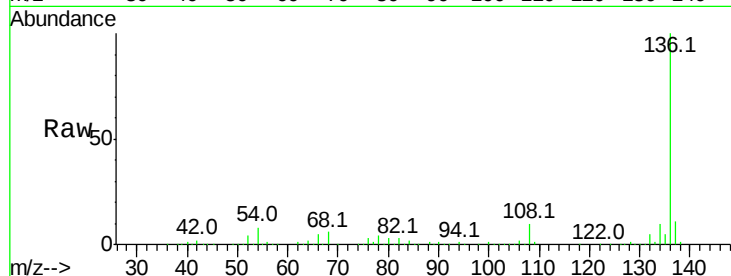




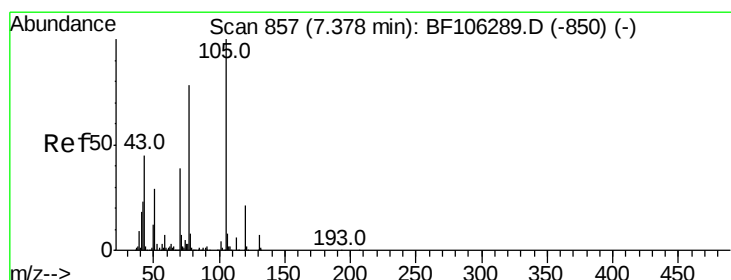
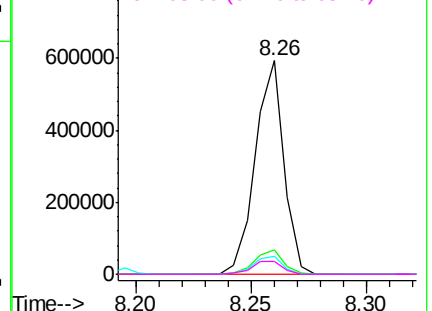
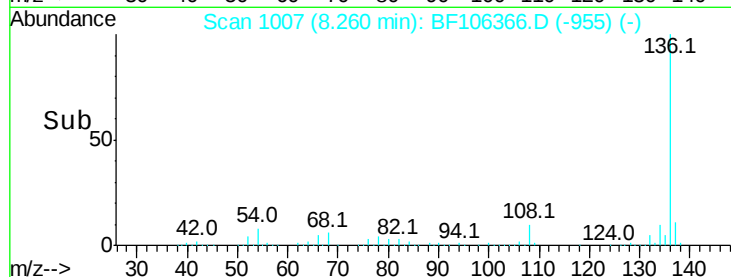
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	512841
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 8.3	6.6	9.8
68 6.3	5.0	7.4

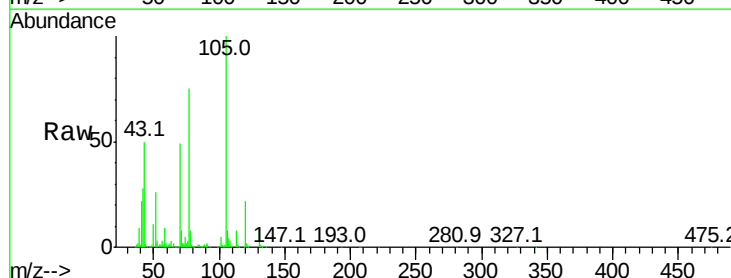


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

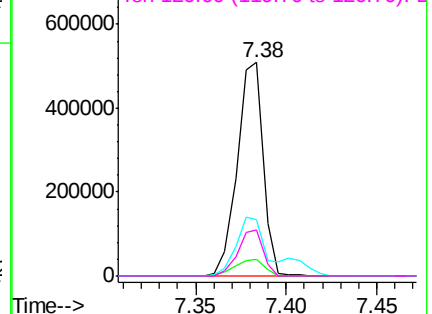
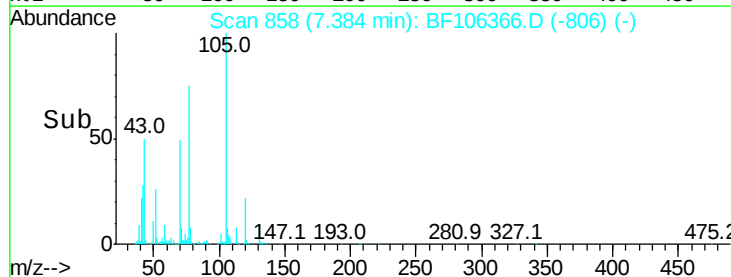


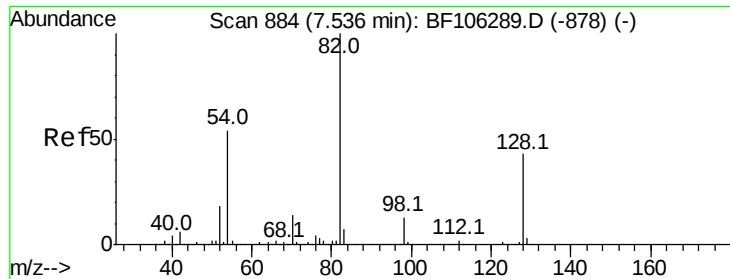
#22
Acetophenone
Concen: 39.180 ng
RT: 7.38 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion:105	Resp:	506368
Ion Ratio	Lower	Upper
105 100		
71 8.0	4.4	6.6#
51 26.1	22.3	33.5
120 21.8	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

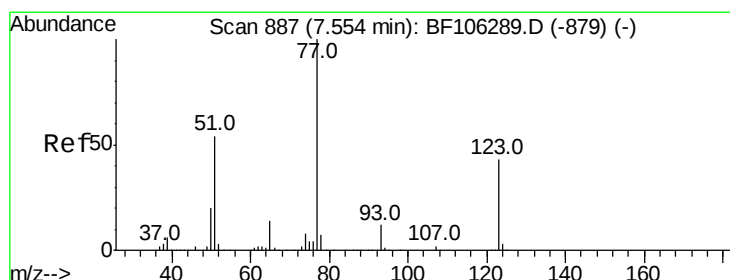
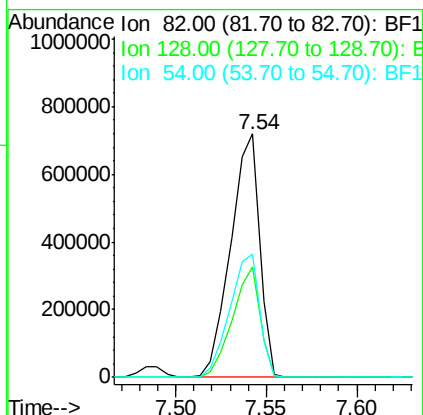
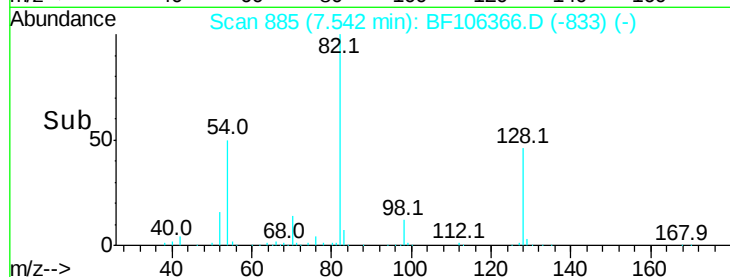
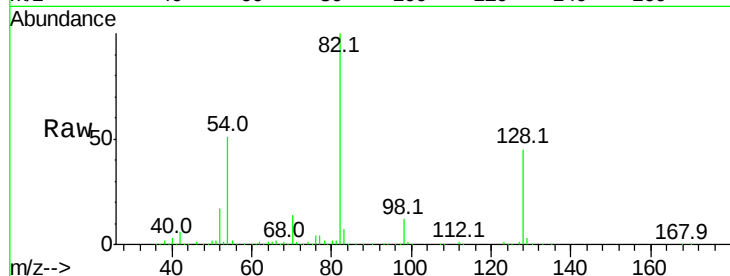




#23
Nitrobenzene-d5
Concen: 91.599 ng
RT: 7.54 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

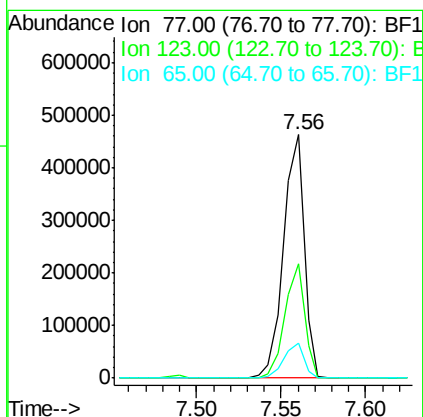
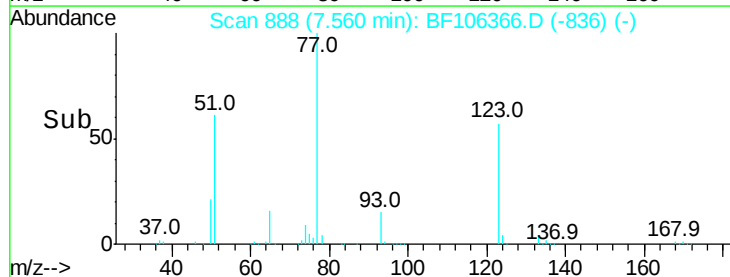
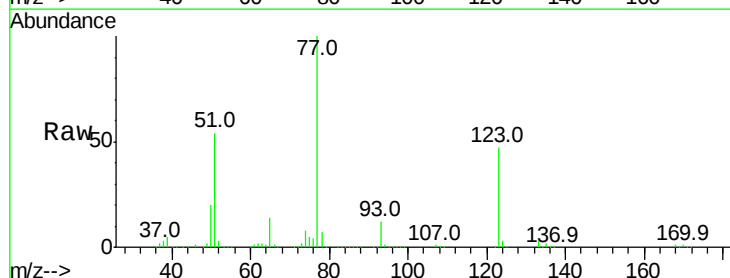
Instrument :
BNA_F
ClientSampleId :

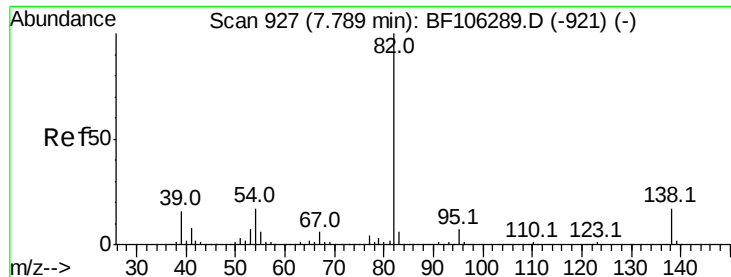
Tot Ion: 82 Resp: 798523
Ion Ratio Lower Upper
82 100
128 45.5 36.1 54.1
54 50.7 41.4 62.2



#24
Nitrobenzene
Concen: 41.165 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion: 77 Resp: 390045
Ion Ratio Lower Upper
77 100
123 47.1 37.9 56.9
65 14.3 11.0 16.4





#25

Isophorone

Concen: 41.863 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampled :

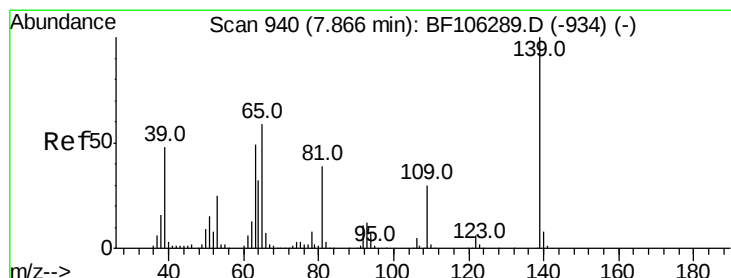
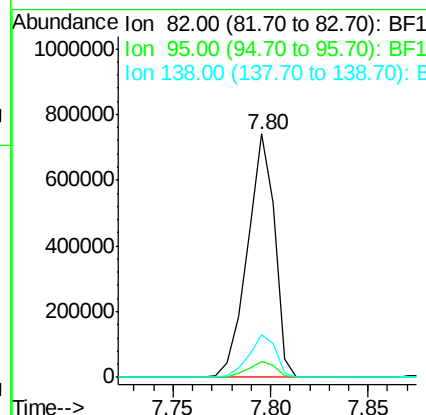
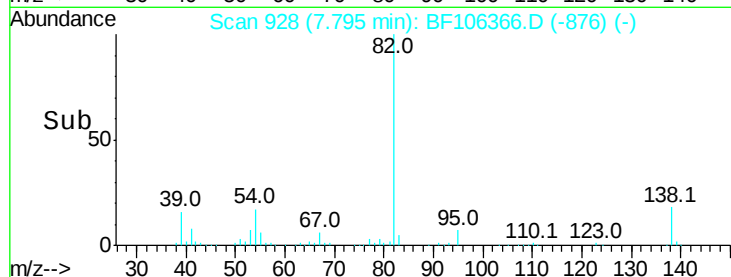
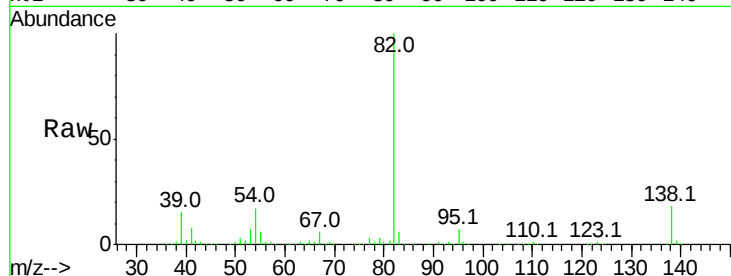
Tot Ion: 82 Resp: 712821

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 49.299 ng

RT: 7.87 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

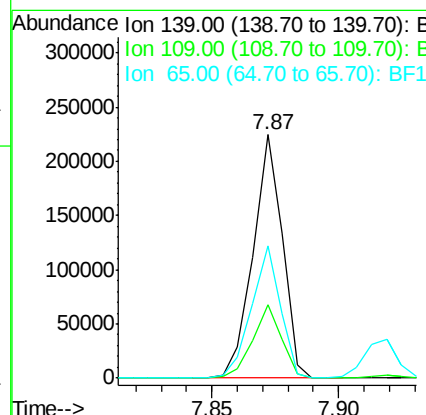
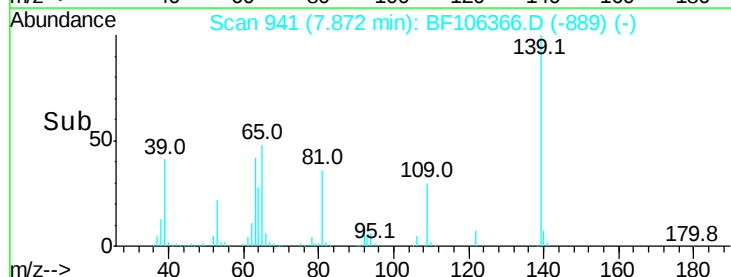
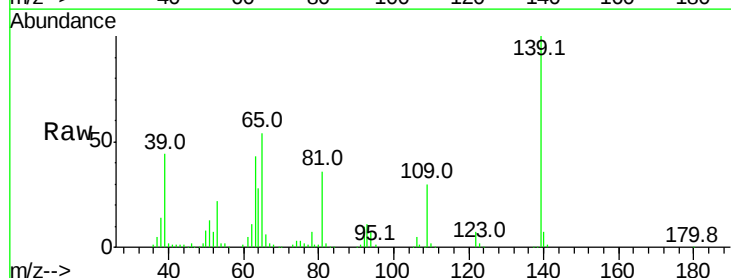
Tgt Ion: 139 Resp: 181309

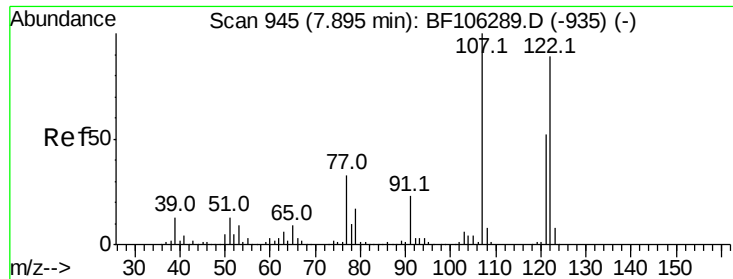
Ion Ratio Lower Upper

139 100

109 30.2 22.7 34.1

65 54.4 40.5 60.7

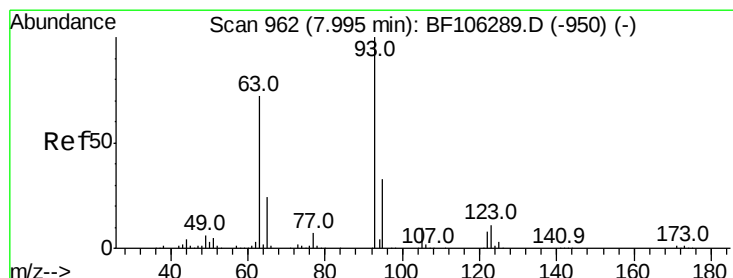
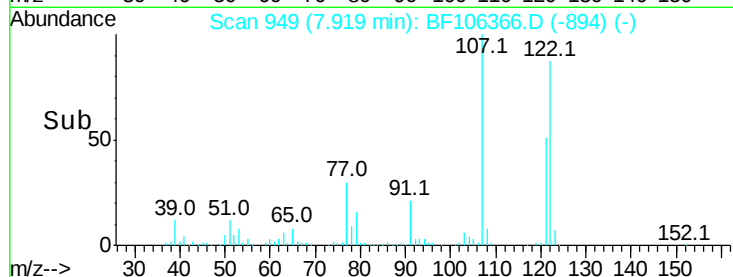
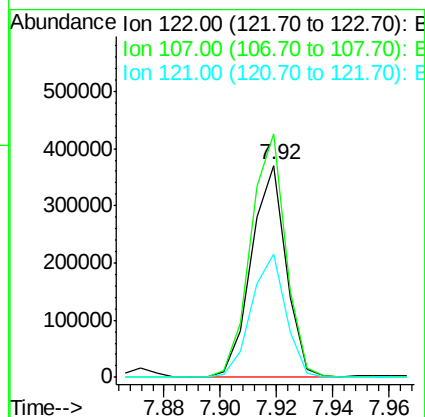
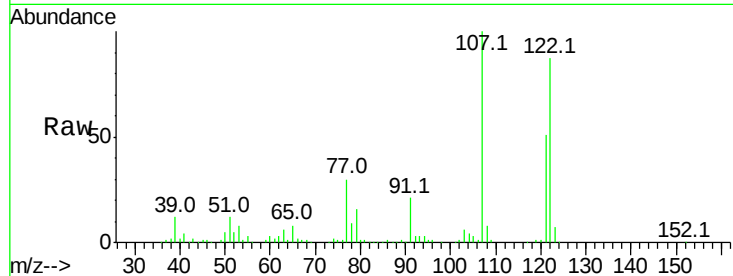




#27
2,4-Dimethylphenol
Concen: 44.120 ng
RT: 7.92 min Scan# 949
Delta R.T. 0.02 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

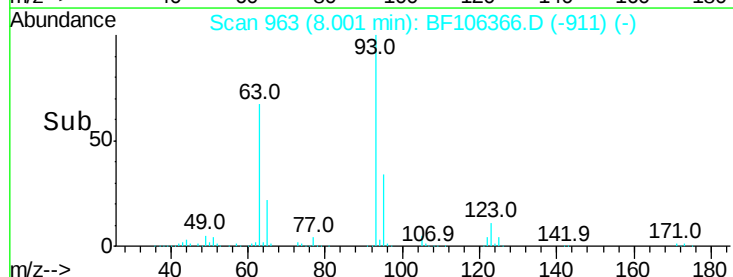
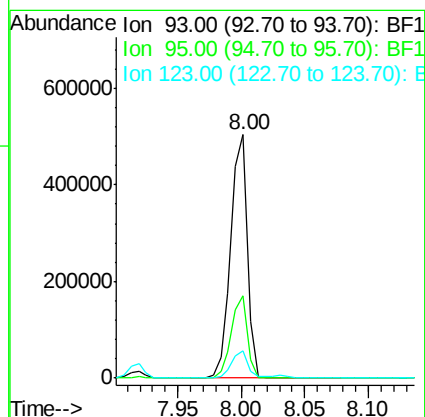
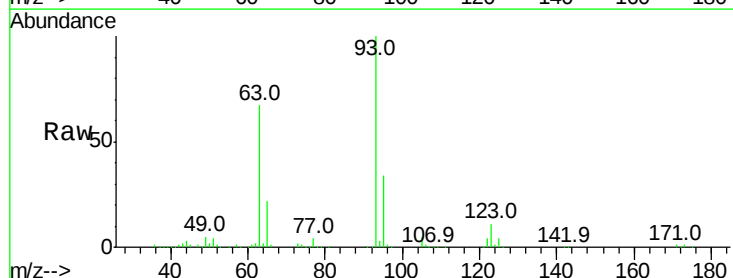
Instrument :
BNA_F
ClientSampleId :

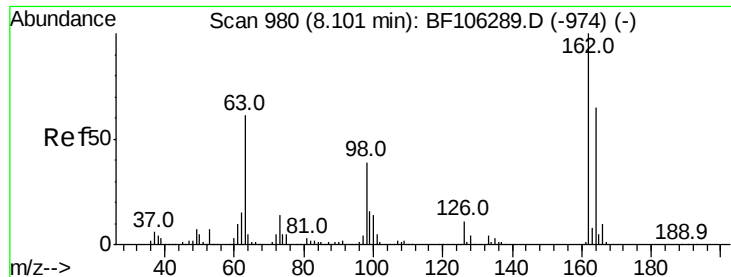
Tot Ion:122 Resp: 318038
Ion Ratio Lower Upper
122 100
107 114.9 91.2 136.8
121 58.4 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.355 ng
RT: 8.00 min Scan# 963
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion: 93 Resp: 456593
Ion Ratio Lower Upper
93 100
95 33.8 26.3 39.5
123 11.1 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 44.264 ng

RT: 8.14 min Scan# 987

Delta R.T. 0.04 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

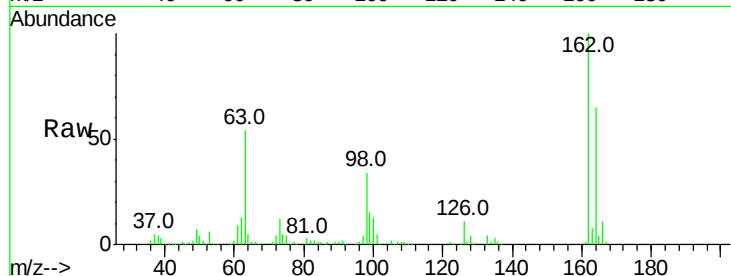
Tot Ion:162 Resp: 307823

Ion Ratio Lower Upper

162 100

164 64.5 42.7 82.7

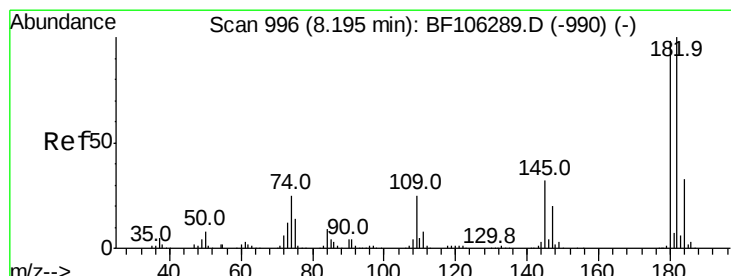
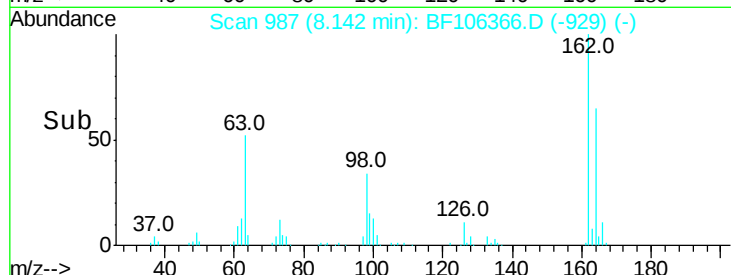
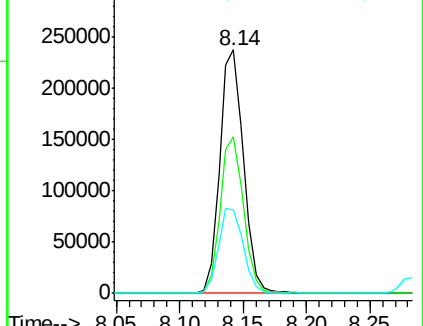
98 34.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.002 ng

RT: 8.20 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

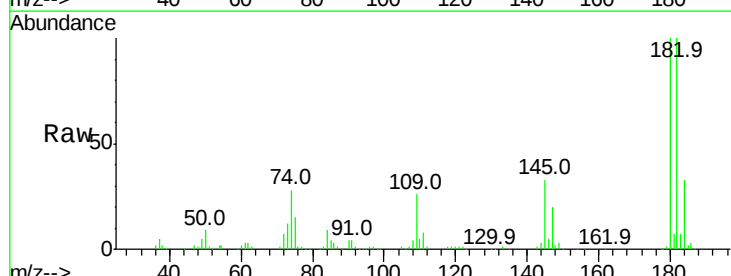
Tgt Ion:180 Resp: 311917

Ion Ratio Lower Upper

180 100

182 99.6 76.8 115.2

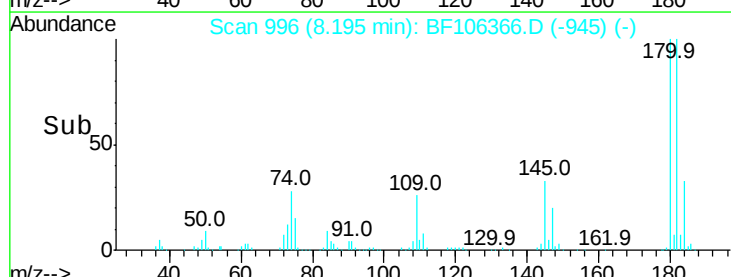
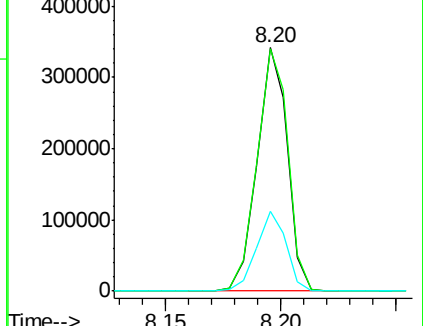
145 32.9 26.5 39.7

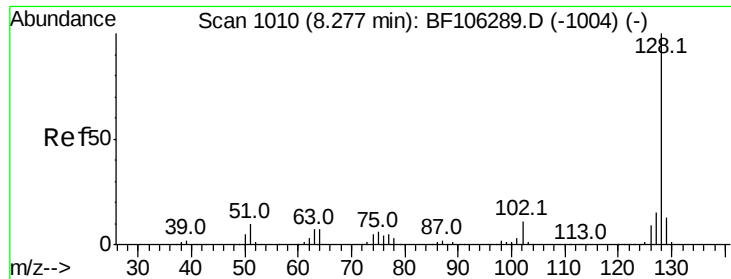


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

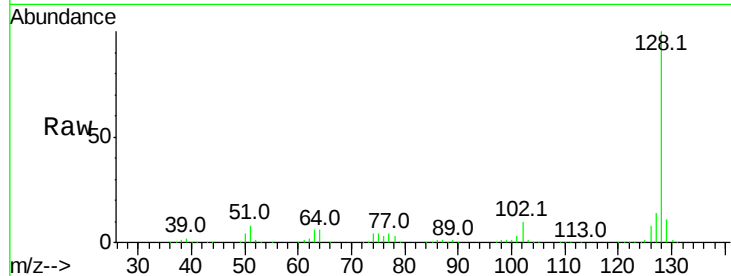




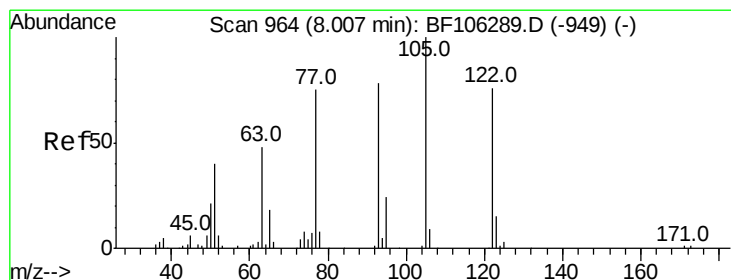
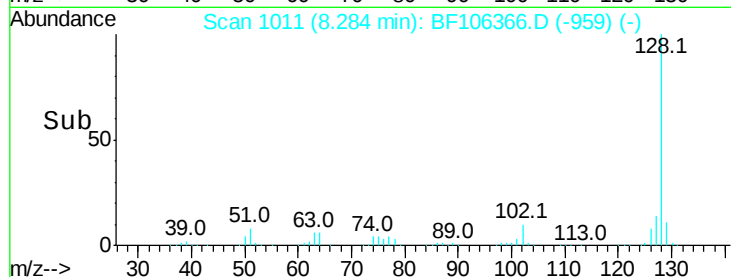
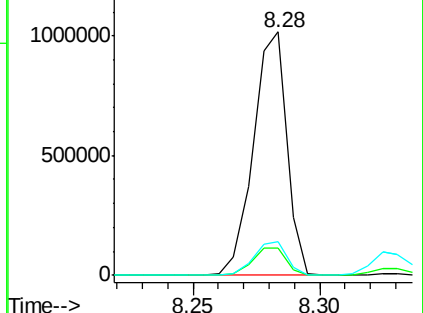
#31
Naphthalene
Concen: 40.474 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 938322
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.8 10.9 16.3

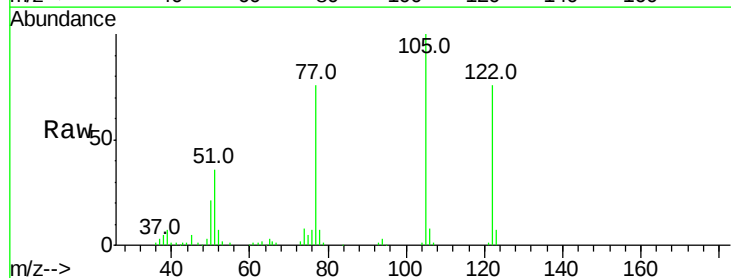


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

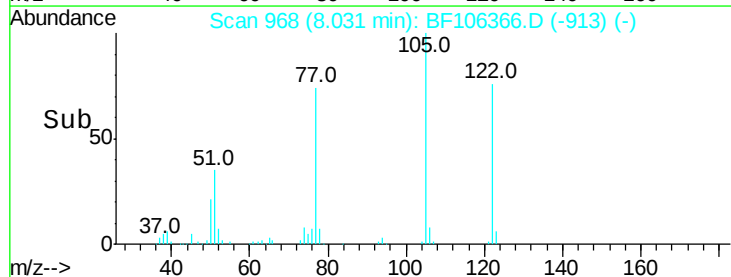
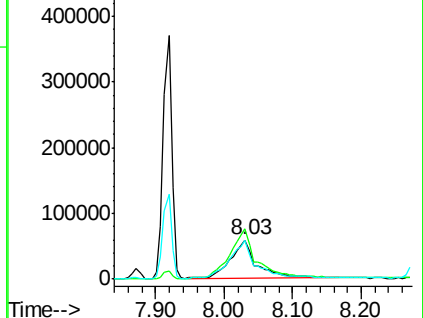


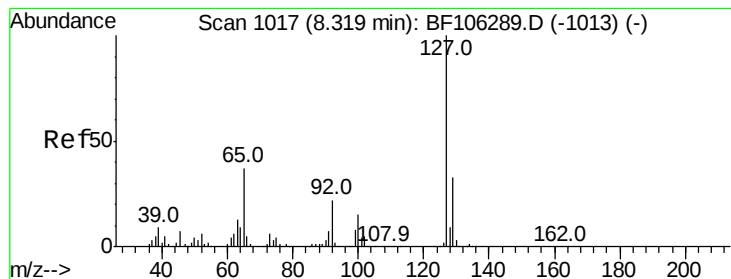
#32
Benzoic acid
Concen: 31.698 ng
RT: 8.03 min Scan# 968
Delta R.T. 0.02 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion:122 Resp: 153009
Ion Ratio Lower Upper
122 100
105 130.8 101.1 141.1
77 99.3 70.7 110.7



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





#33

4-Chloroaniline

Concen: 11.097 ng

RT: 8.32 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 114007

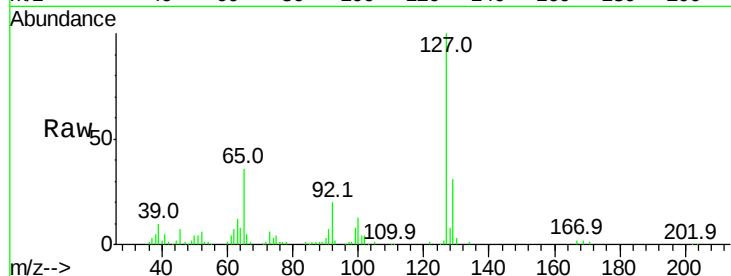
Ion Ratio Lower Upper

127 100

129 30.9 25.9 38.9

65 35.9 25.0 37.4

92 20.3 15.2 22.8

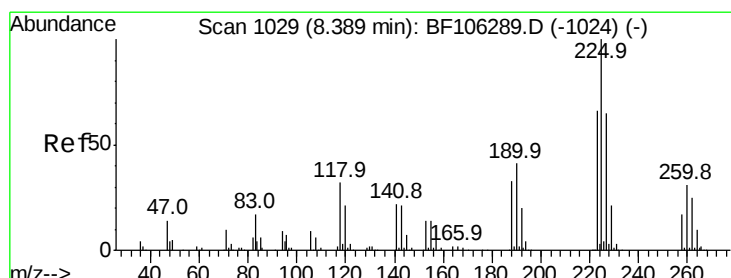
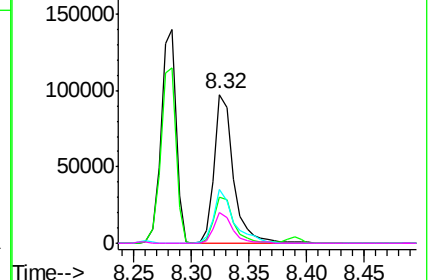
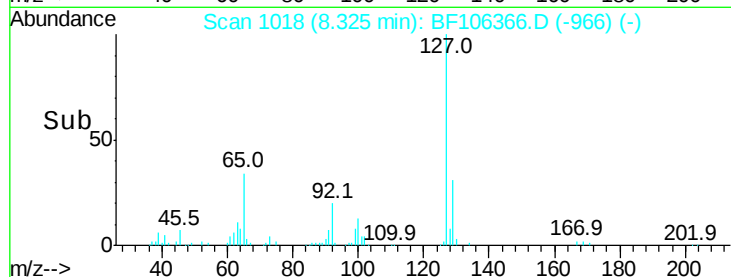


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 41.382 ng

RT: 8.39 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

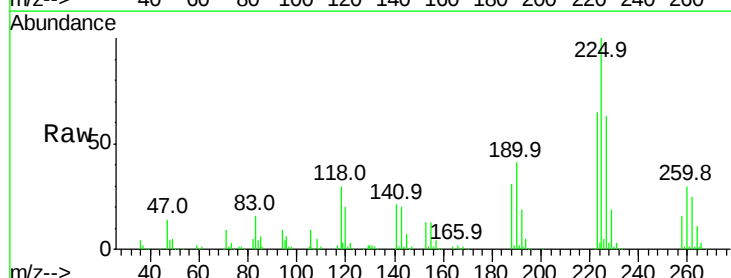
Tgt Ion:225 Resp: 207304

Ion Ratio Lower Upper

225 100

223 64.8 50.6 76.0

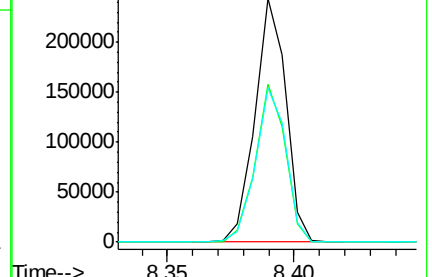
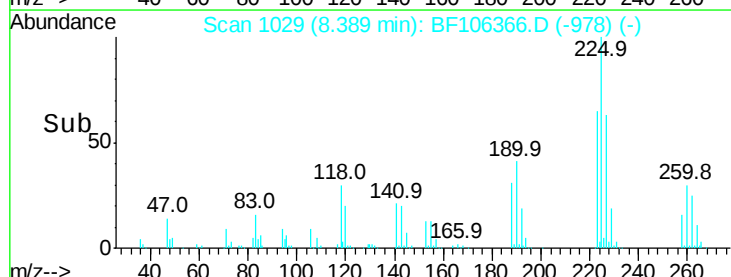
227 63.1 51.9 77.9

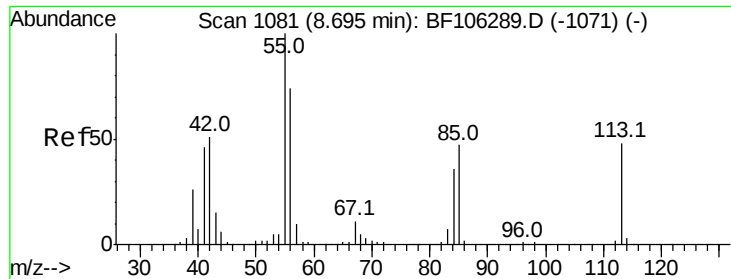


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

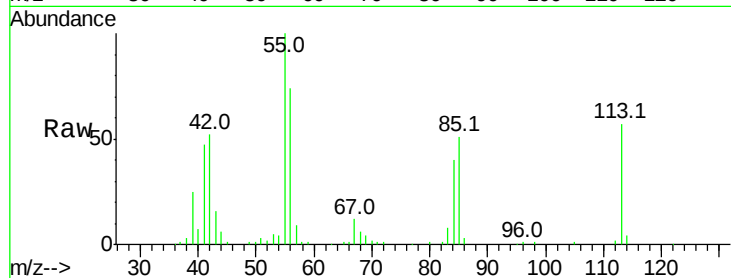




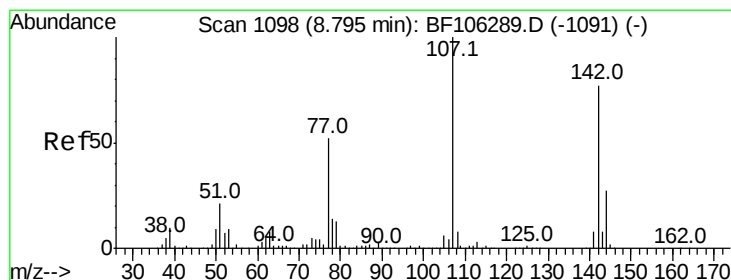
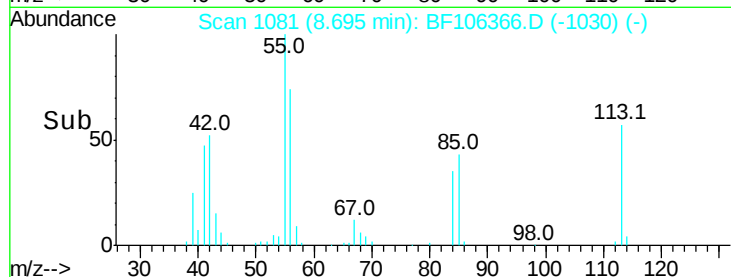
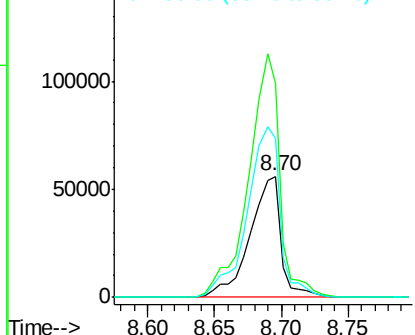
#35
 Caprolactam
 Concen: 38.398 ng
 RT: 8.70 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 90321
 Ion Ratio Lower Upper
 113 100
 55 176.8 163.3 203.3
 56 131.4 115.7 155.7

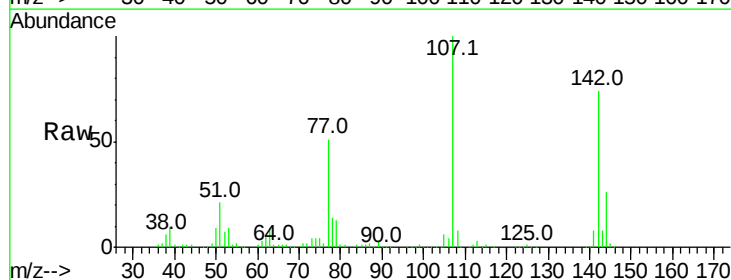


Abundance Ion 113.00 (112.70 to 113.70): E
 150000 Ion 55.00 (54.70 to 55.70): BF1
 100000 Ion 56.00 (55.70 to 56.70): BF1
 50000
 0

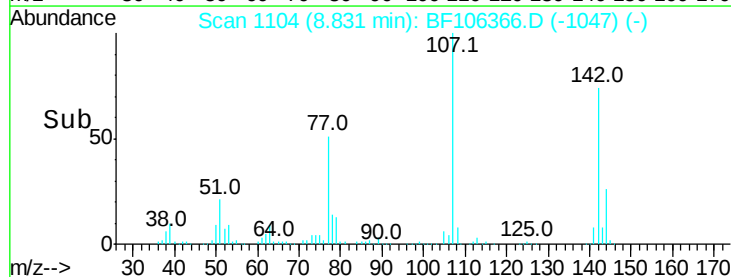
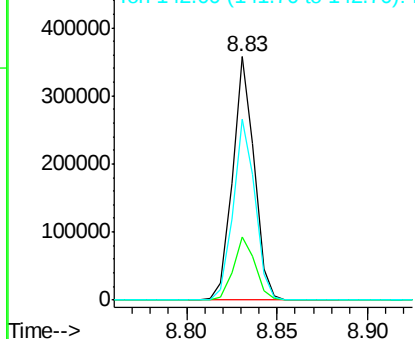


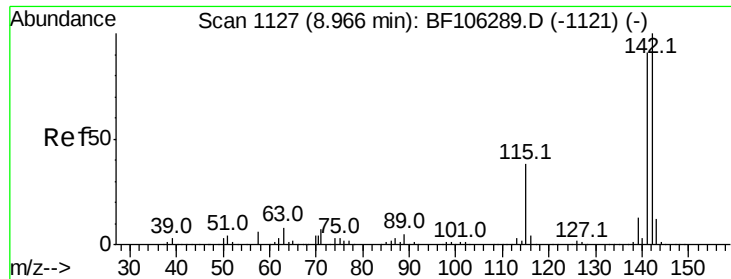
#36
 4-Chloro-3-methylphenol
 Concen: 38.606 ng
 RT: 8.83 min Scan# 1104
 Delta R.T. 0.04 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion:107 Resp: 296979
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 74.1 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
 500000 Ion 144.00 (143.70 to 144.70): E
 400000 Ion 142.00 (141.70 to 142.70): E
 300000
 200000
 100000
 0

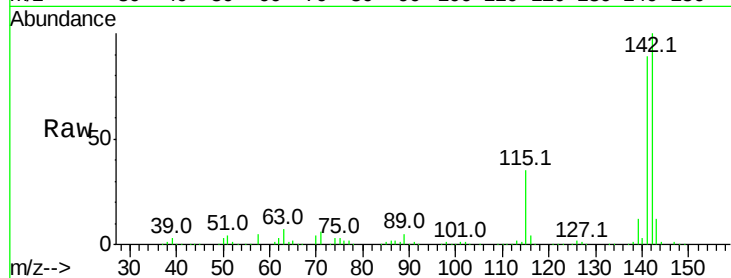




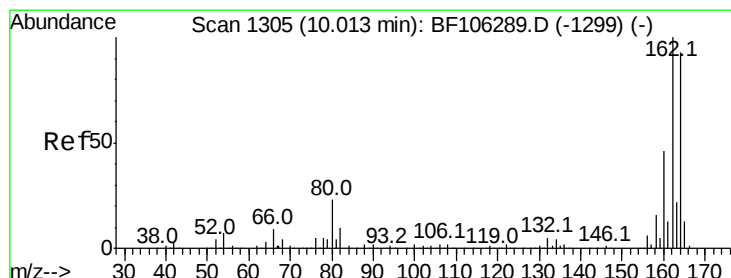
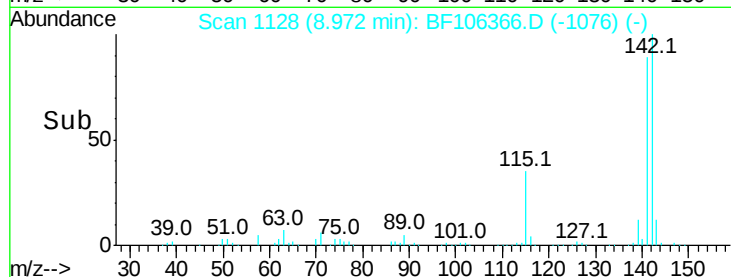
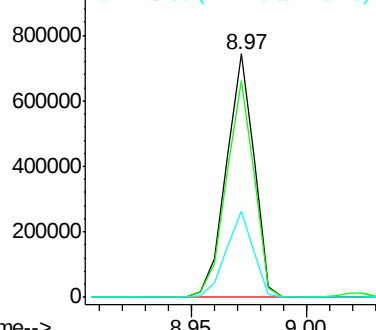
#37
2-Methylnaphthalene
Concen: 39.621 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	35.3	26.1	39.1

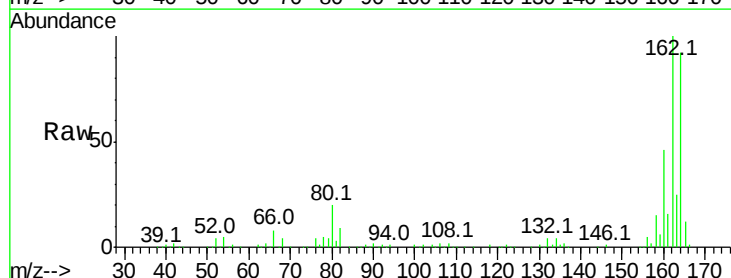


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

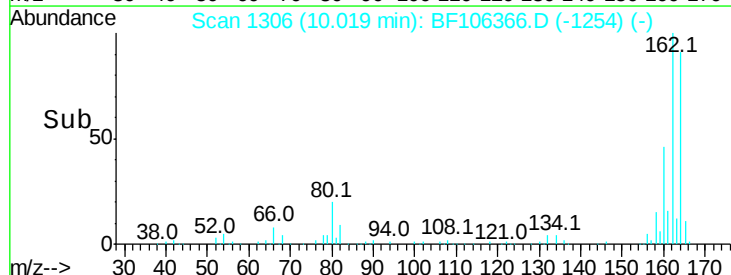
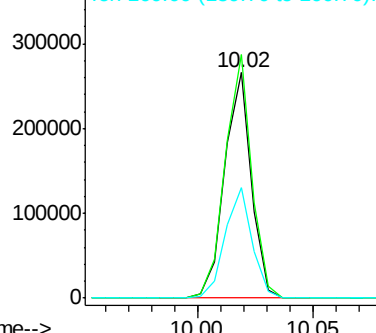


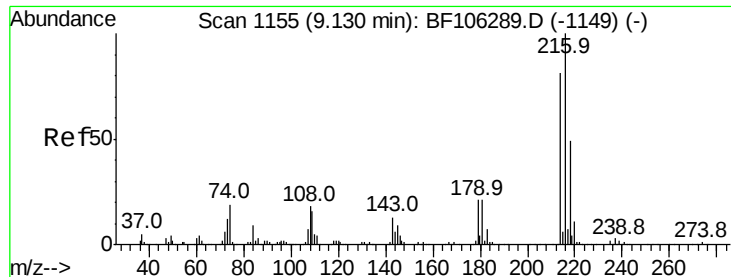
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.1	86.1	129.1
160	49.3	38.3	57.5



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

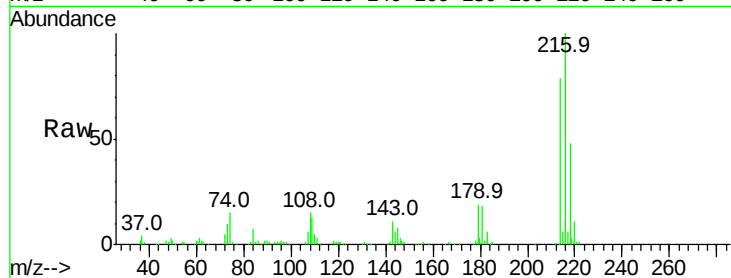




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.948 ng
 RT: 9.14 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	19.7	18.1	27.1
108	17.0	17.2	25.8#

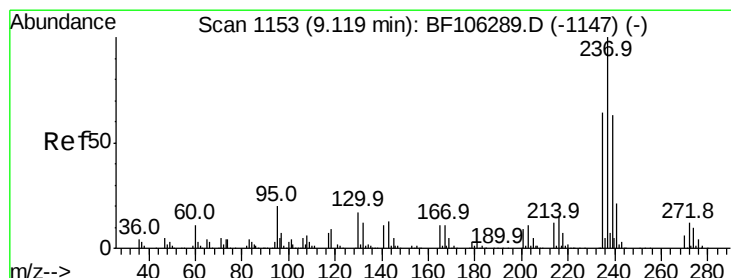
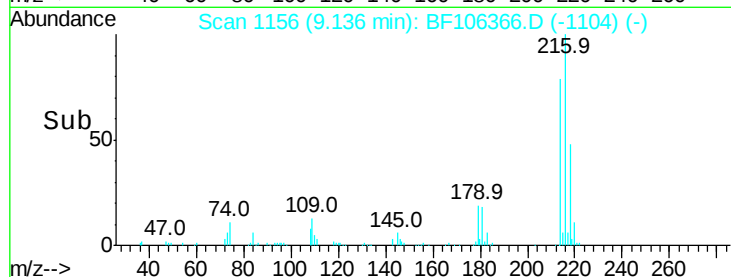
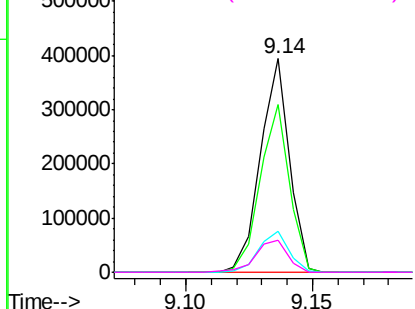


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

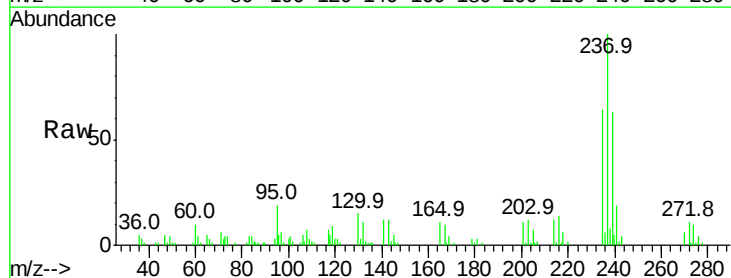
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 13.717 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

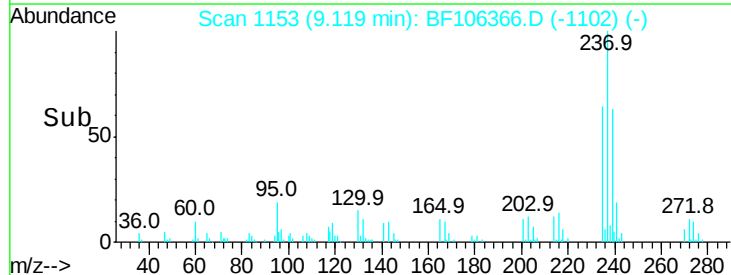
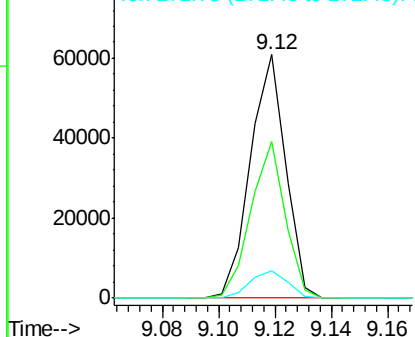
Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.5	44.8	84.8
272	11.5	0.0	33.3

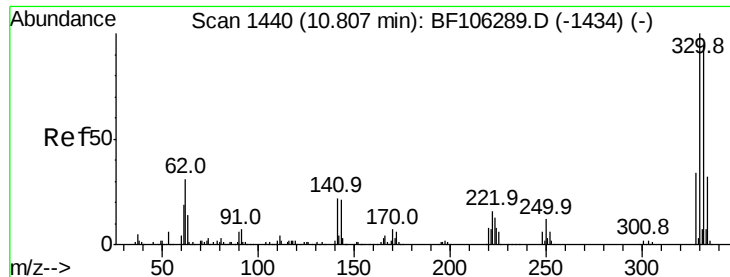


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

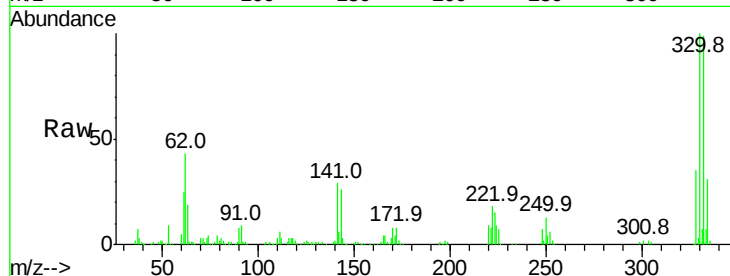




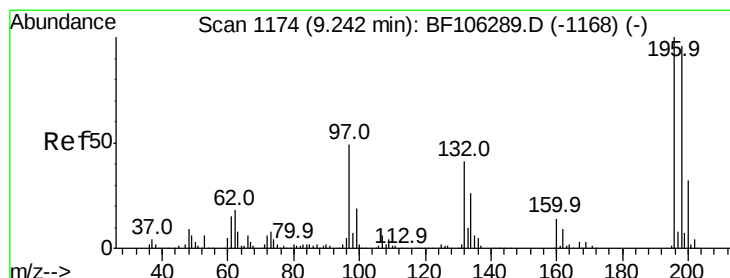
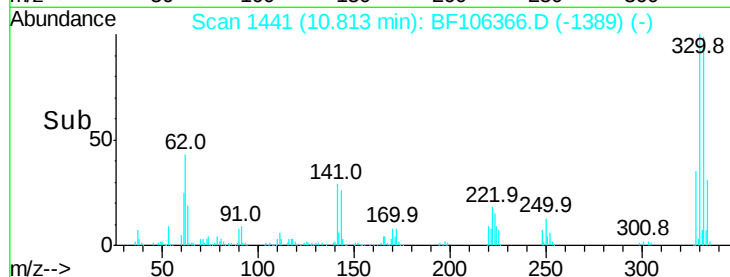
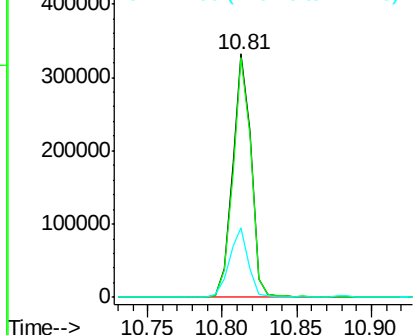
#41
 2,4,6-Tribromophenol
 Concen: 141.348 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 291852
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 29.3 29.9 44.9#

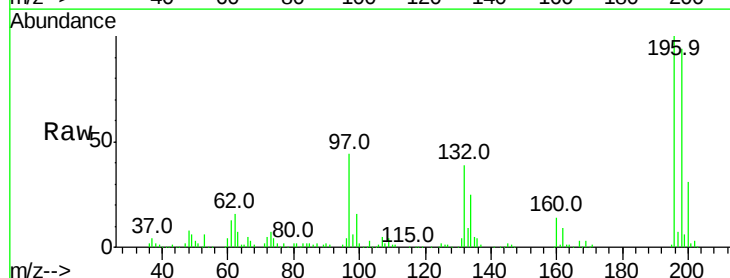


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

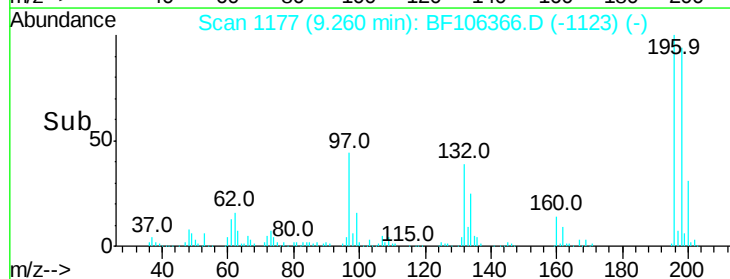
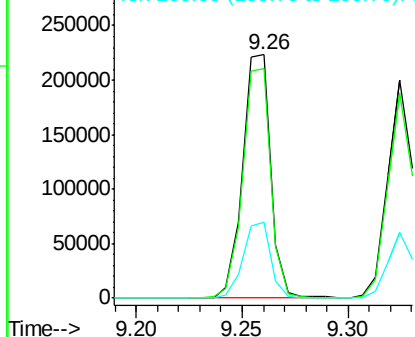


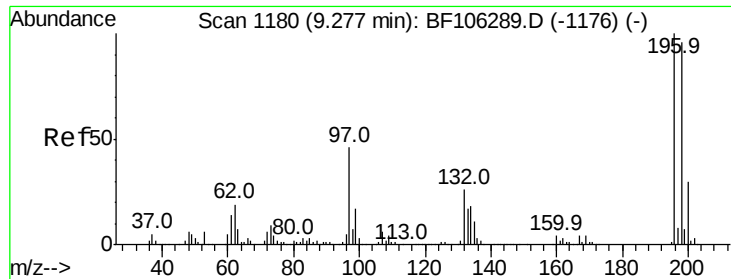
#42
 2,4,6-Trichlorophenol
 Concen: 46.357 ng
 RT: 9.26 min Scan# 1177
 Delta R.T. 0.02 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion:196 Resp: 205802
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.7 113.5
 200 31.1 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

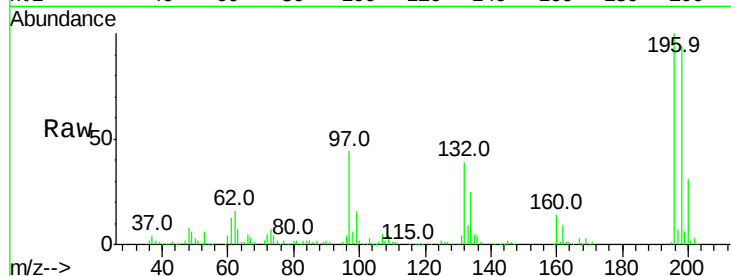




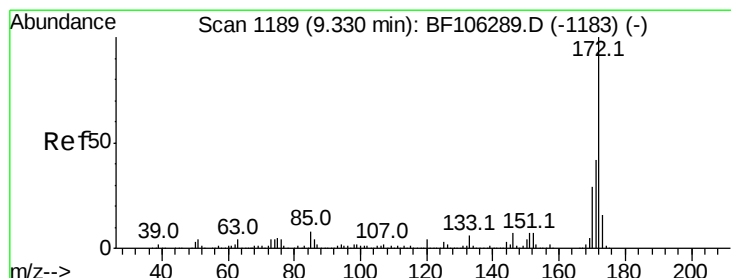
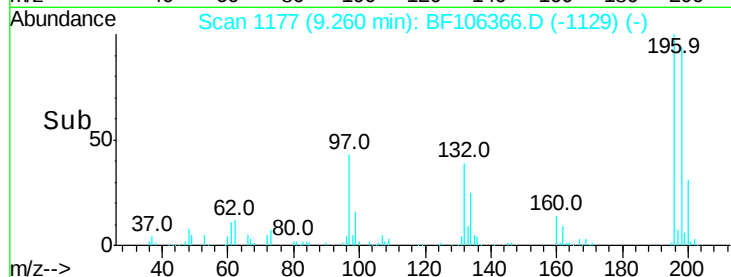
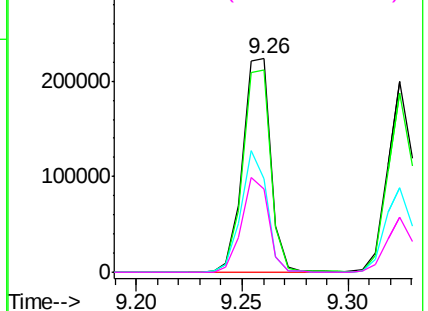
#43
 2,4,5-Trichlorophenol
 Concen: 43.001 ng
 RT: 9.26 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 205802
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.6 112.0
 97 43.5 42.9 64.3
 132 38.8 26.3 39.5

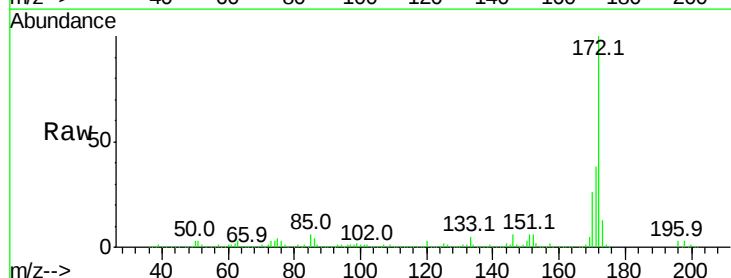


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

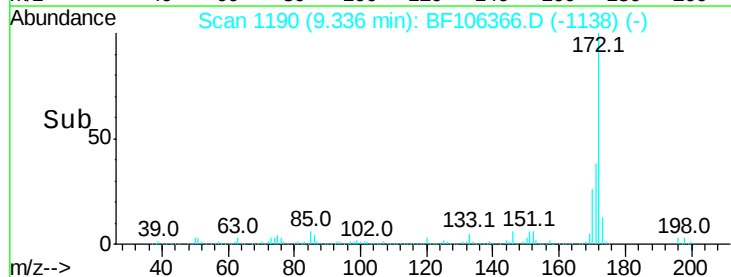
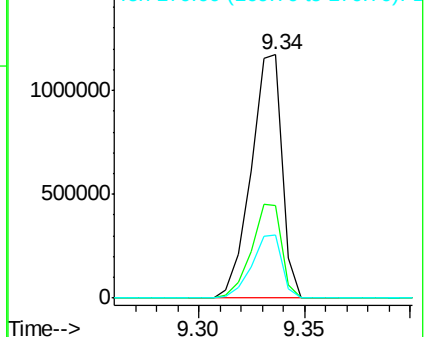


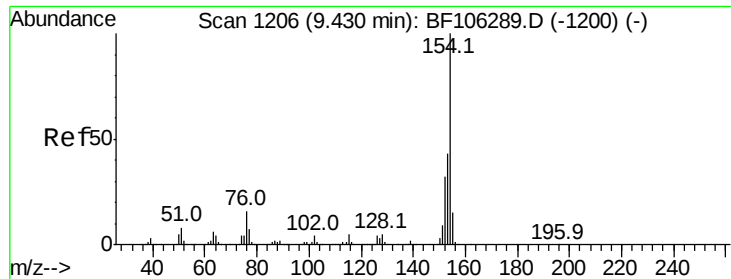
#44
 2-Fluorobiphenyl
 Concen: 107.389 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion:172 Resp: 1197126
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.7 44.5
 170 26.1 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: 43.636 ng

RT: 9.44 min Scan# 1207

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

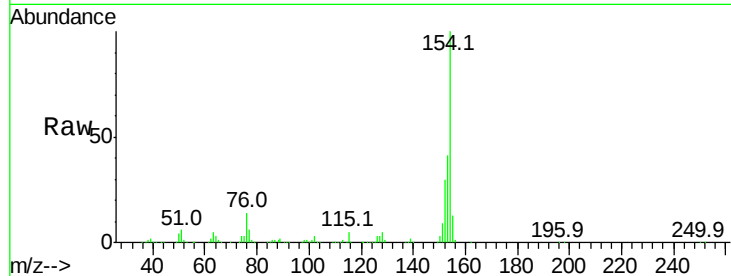
Tot Ion:154 Resp: 725295

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

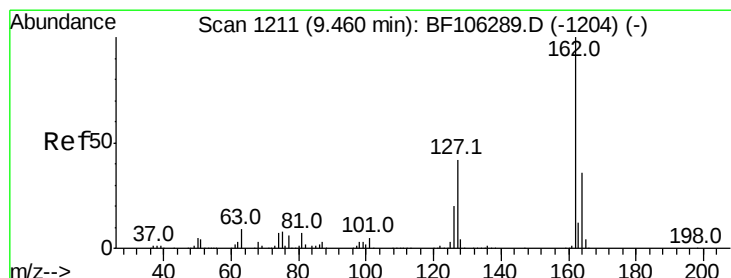
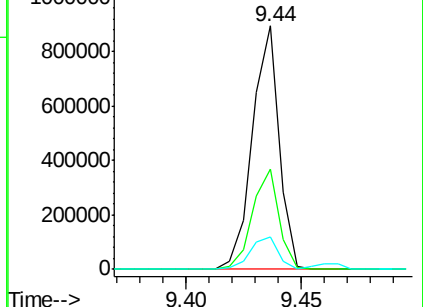
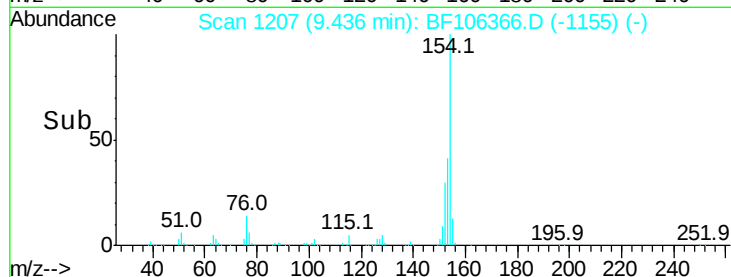
76 13.5 0.0 34.0



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: 42.530 ng

RT: 9.47 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

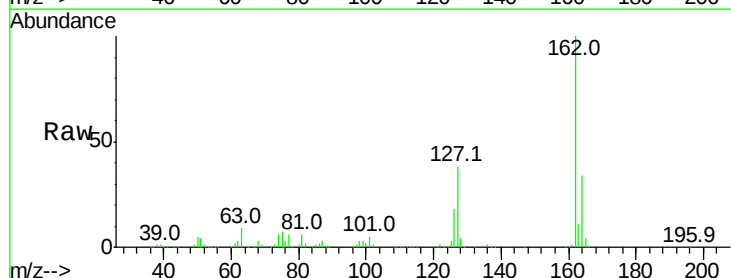
Tgt Ion:162 Resp: 565707

Ion Ratio Lower Upper

162 100

127 37.8 33.9 50.9

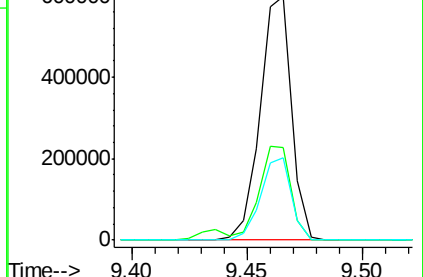
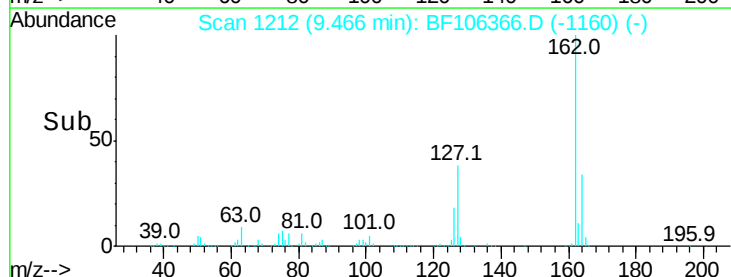
164 33.6 26.5 39.7

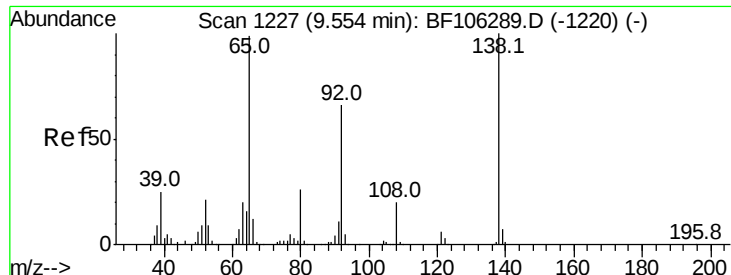


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

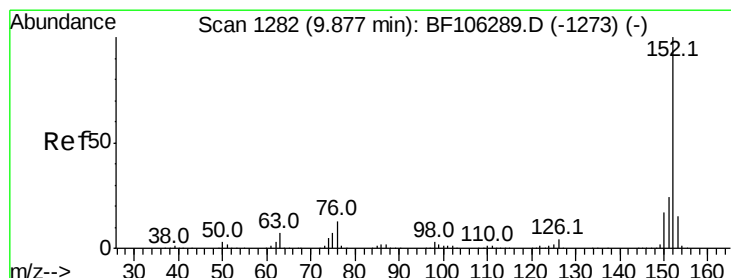
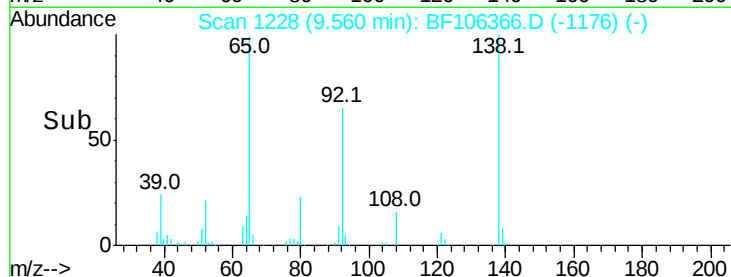
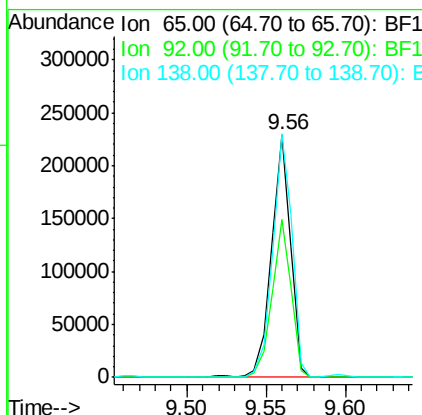
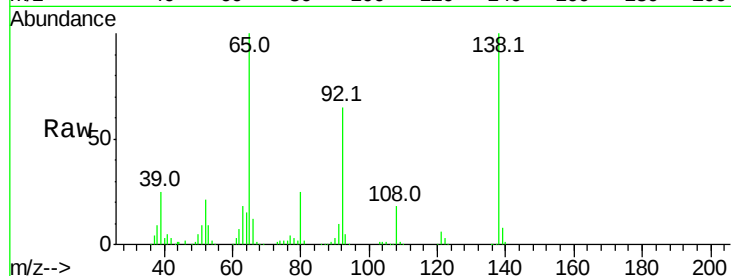




#47
2-Nitroaniline
Concen: 46.499 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

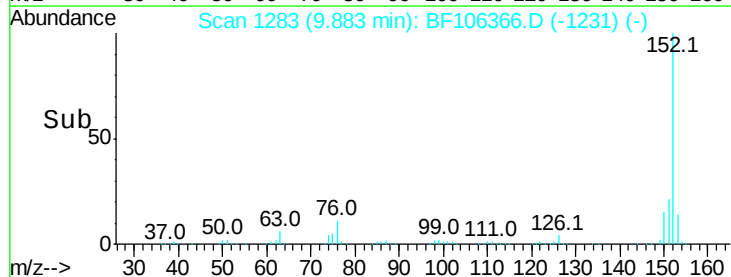
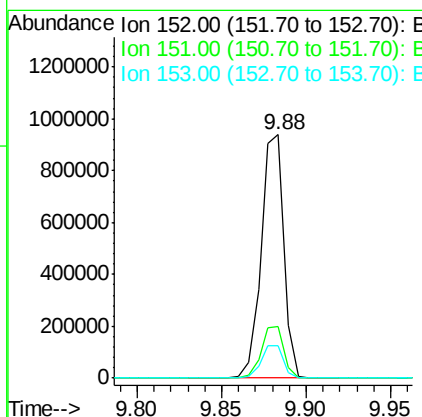
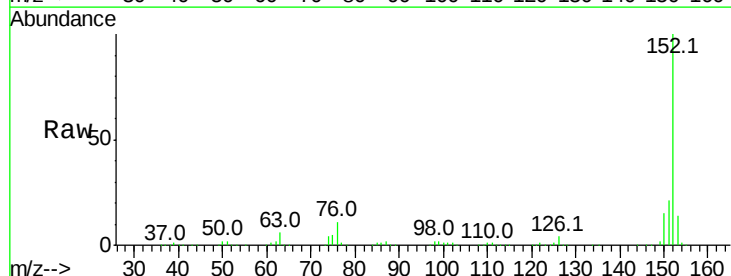
Instrument :
BNA_F
ClientSampleId :

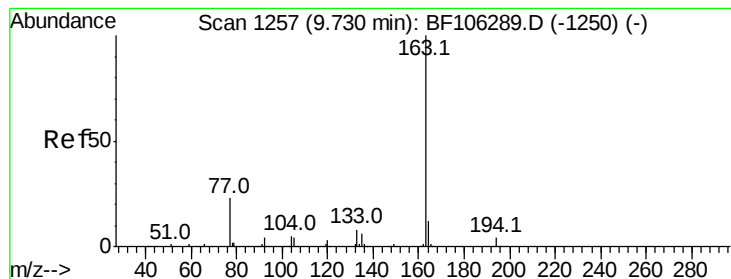
Tot Ion: 65 Resp: 194570
Ion Ratio Lower Upper
65 100
92 64.8 55.8 83.6
138 100.3 91.2 136.8



#48
Acenaphthylene
Concen: 42.953 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion: 152 Resp: 874517
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.6 10.7 16.1





#49

Dimethylphthalate

Concen: 45.260 ng

RT: 9.73 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampled :

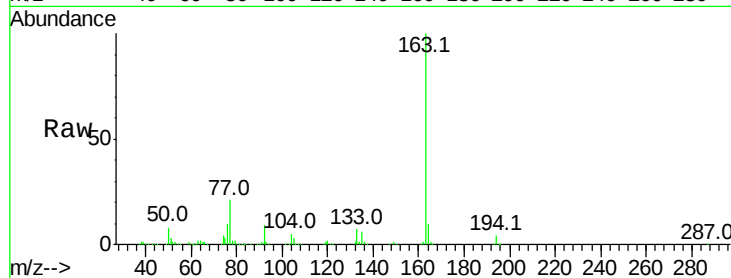
Tot Ion:163 Resp: 693913

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

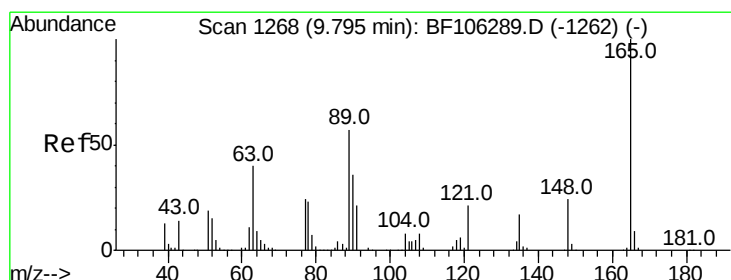
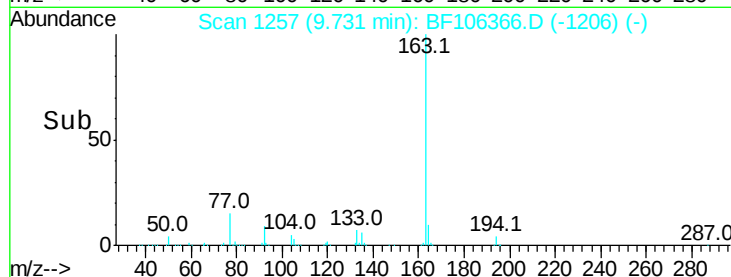
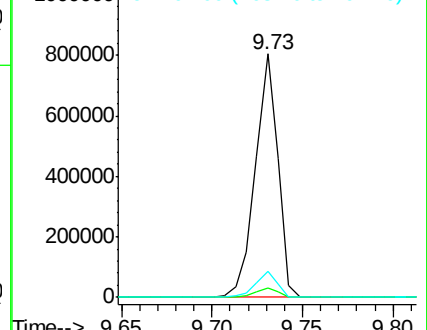
164 10.5 8.2 12.2



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: 43.532 ng

RT: 9.80 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

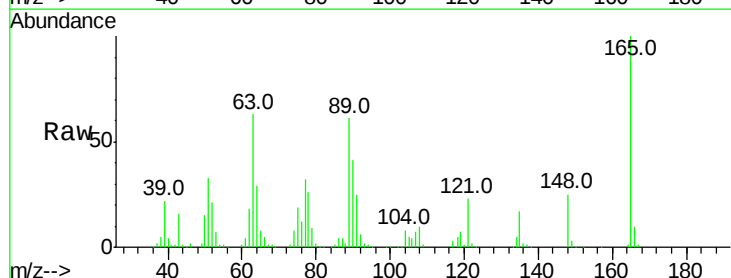
Tgt Ion:165 Resp: 136330

Ion Ratio Lower Upper

165 100

63 62.6 44.7 67.1

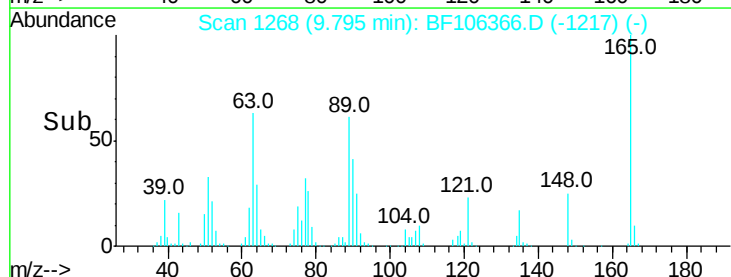
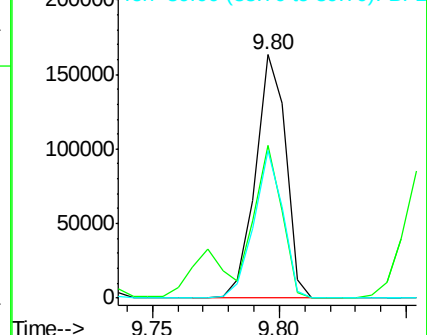
89 60.7 44.0 66.0

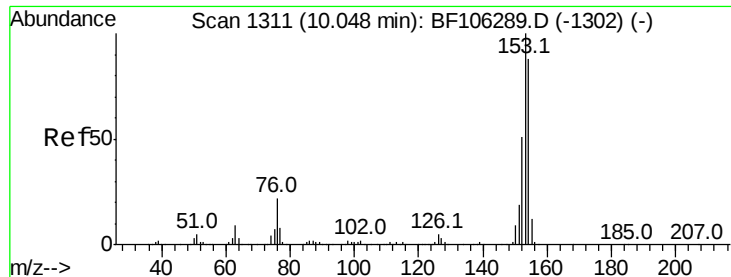


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 39.389 ng

RT: 10.05 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

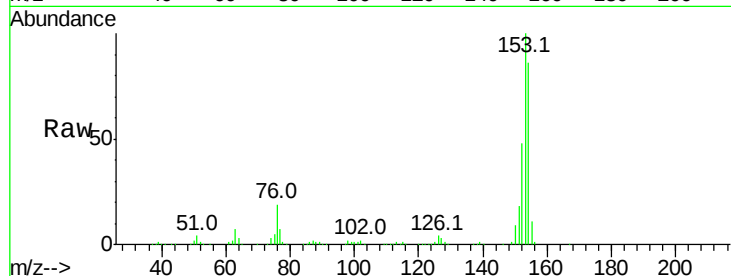
Tot Ion:154 Resp: 517905

Ion Ratio Lower Upper

154 100

153 116.2 91.2 136.8

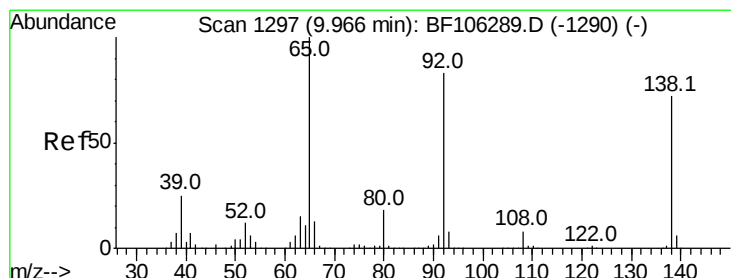
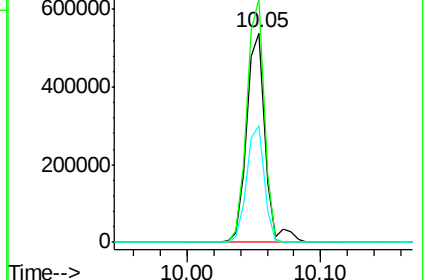
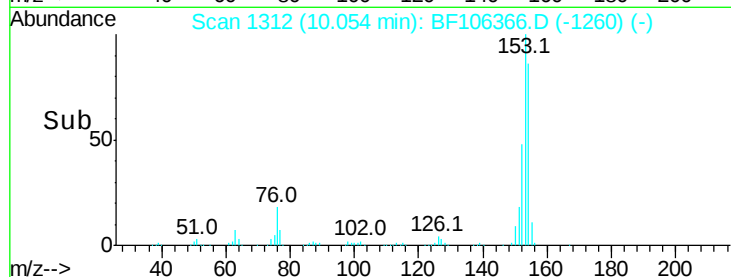
152 55.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.928 ng

RT: 9.97 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

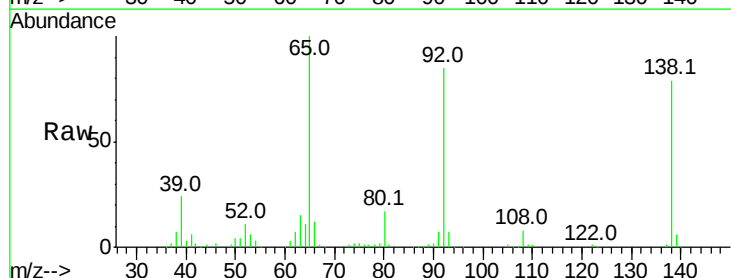
Tgt Ion:138 Resp: 100091

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

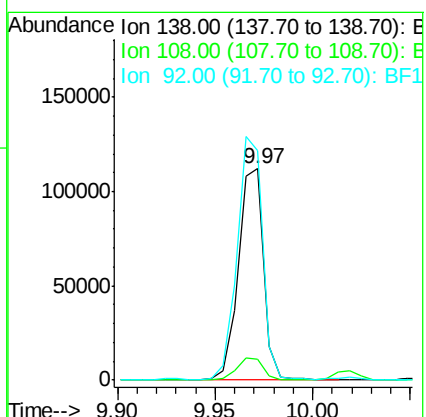
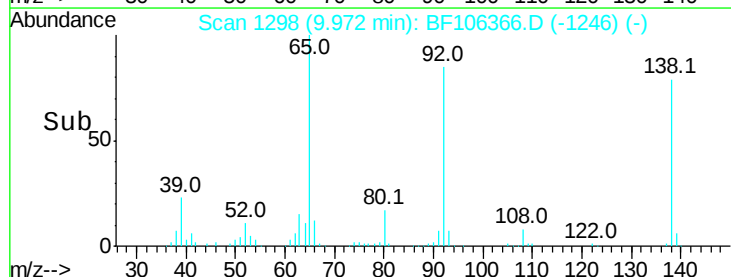
92 108.5 89.4 134.2

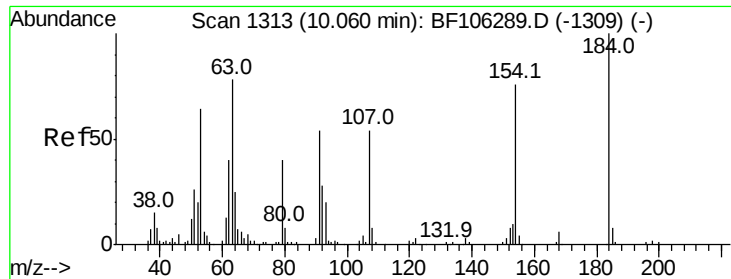


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

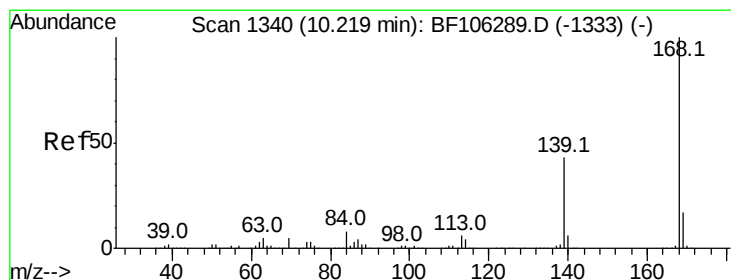
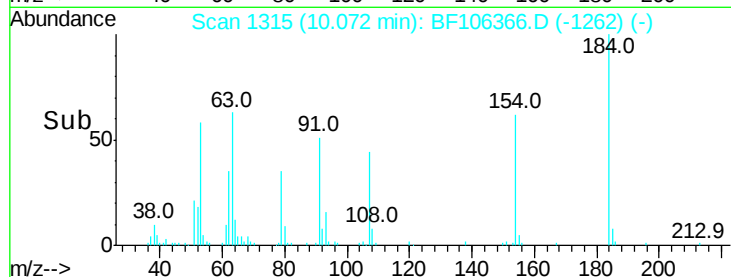
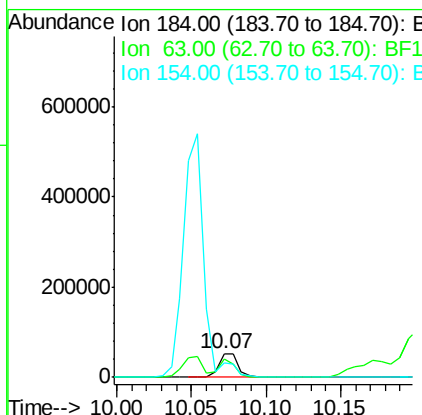
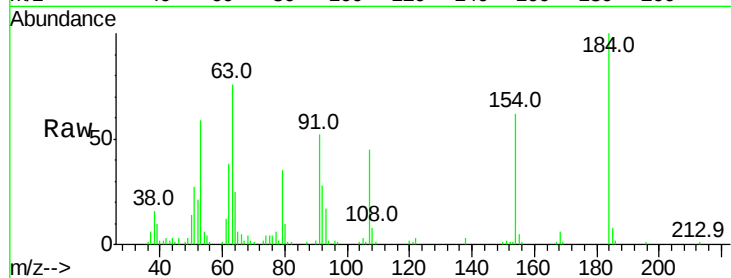




#53
2,4-Dinitrophenol
Concen: 39.697 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

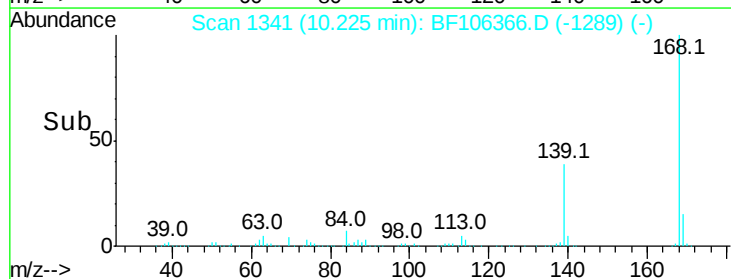
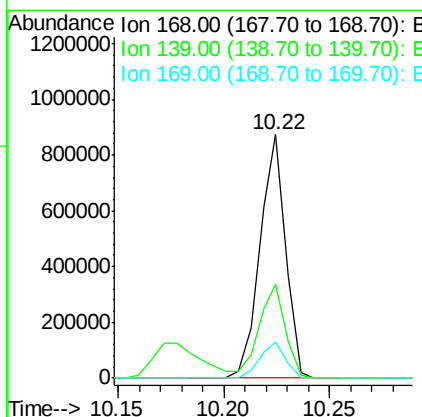
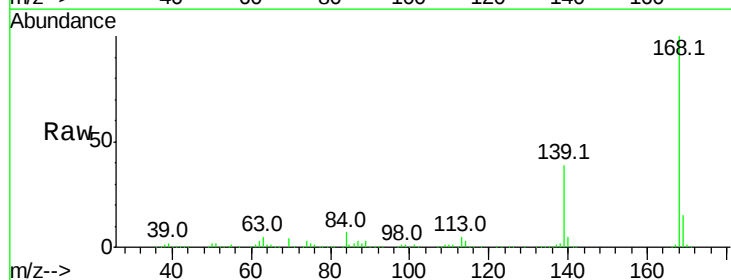
Instrument :
BNA_F
ClientSampled :

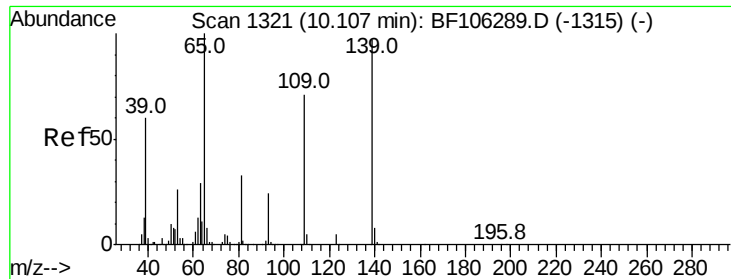
Tot Ion:184 Resp: 50086
Ion Ratio Lower Upper
184 100
63 76.5 54.2 81.2
154 61.8 184.0 276.0#



#54
Dibenzofuran
Concen: 41.514 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion:168 Resp: 735030
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 15.1 10.9 16.3

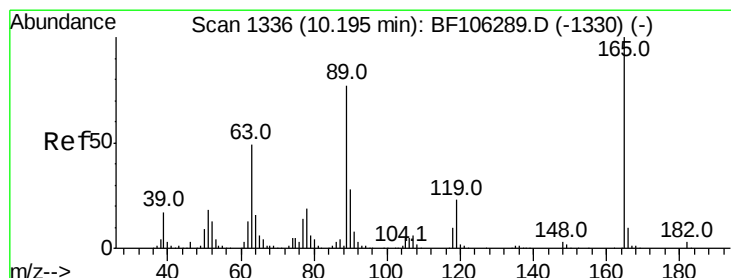
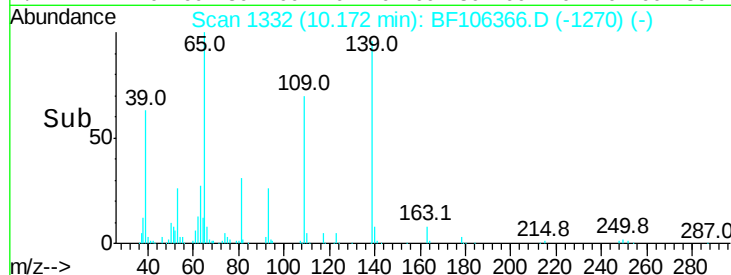
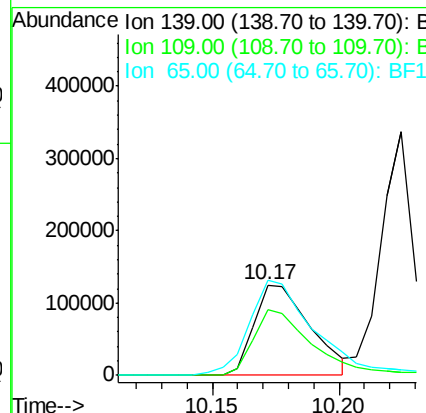
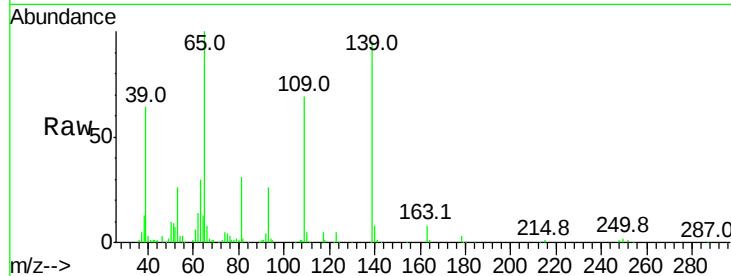




#55
4-Nitrophenol
Concen: 67.715 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.06 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

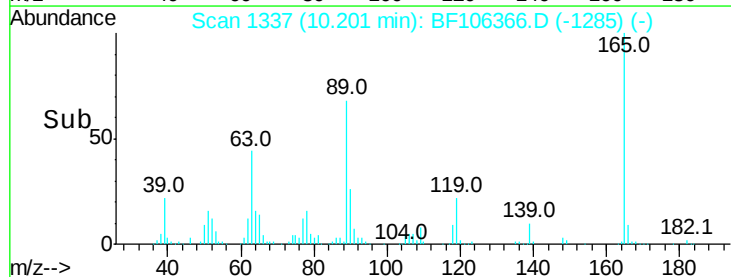
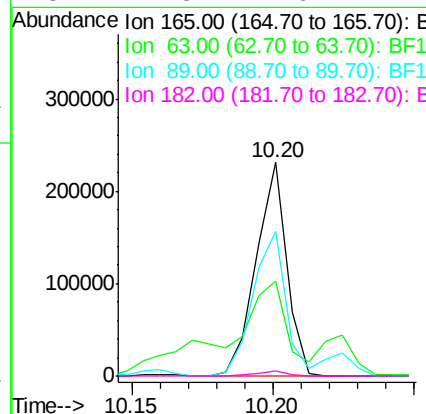
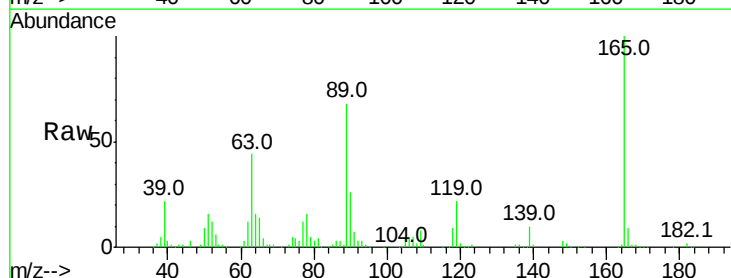
Instrument :
BNA_F
ClientSampleId :

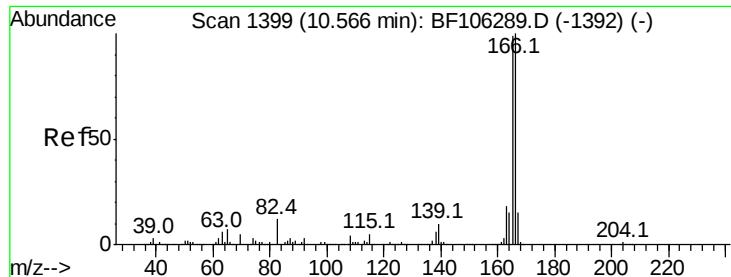
Tot Ion:139 Resp: 192926
Ion Ratio Lower Upper
139 100
109 72.9 48.4 88.4
65 105.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.331 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion:165 Resp: 174342
Ion Ratio Lower Upper
165 100
63 44.1 36.4 54.6
89 67.7 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 40.677 ng

RT: 10.57 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

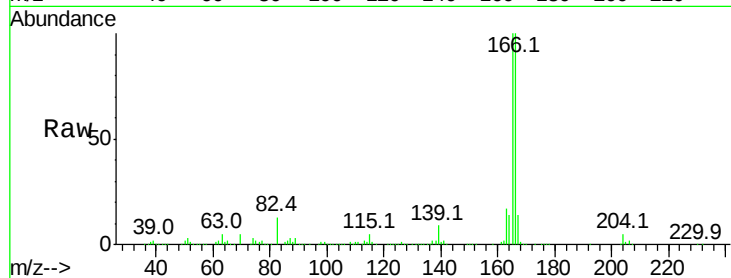
Tot Ion:166 Resp: 570612

Ion Ratio Lower Upper

166 100

165 99.7 79.8 119.8

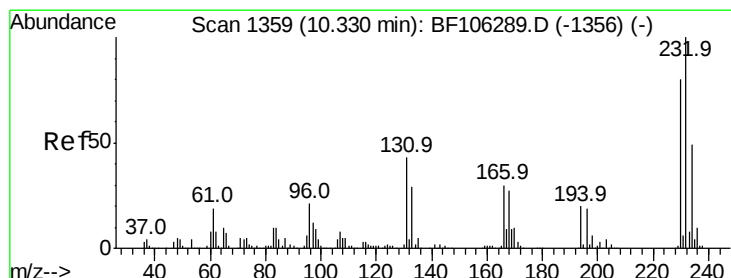
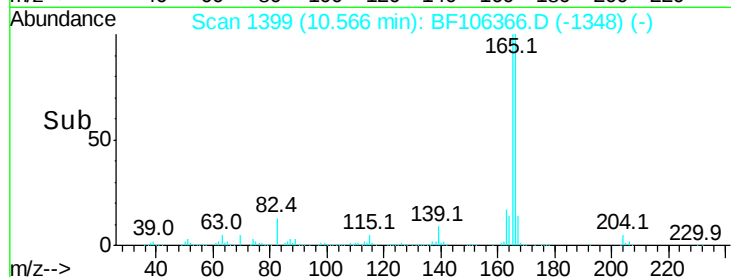
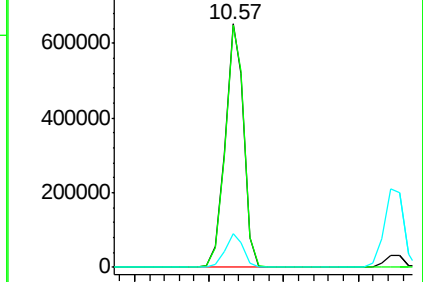
167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.790 ng

RT: 10.35 min Scan# 1362

Delta R.T. 0.02 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Tgt Ion:232 Resp: 169901

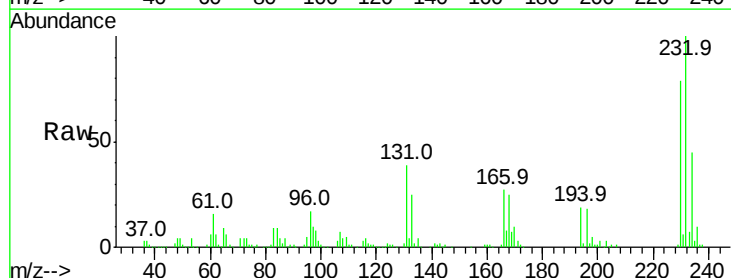
Ion Ratio Lower Upper

232 100

131 40.6 43.8 65.8#

130 1.8 2.1 3.1#

166 26.3 27.8 41.6#

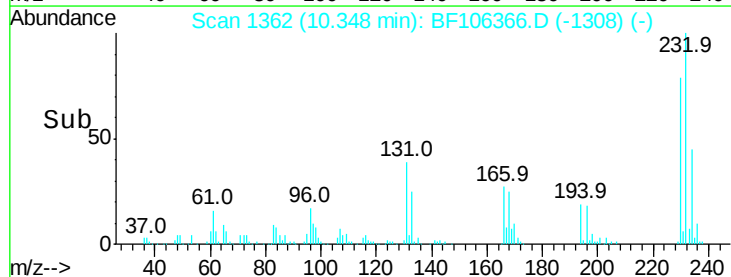
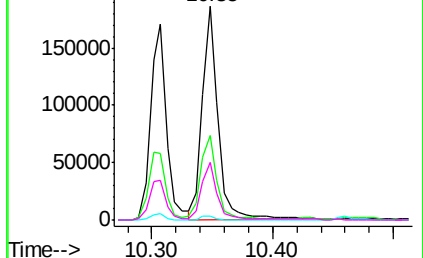


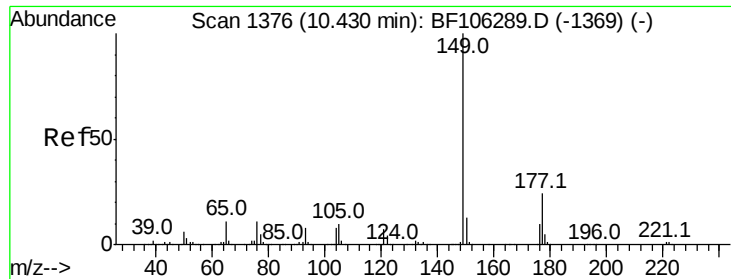
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

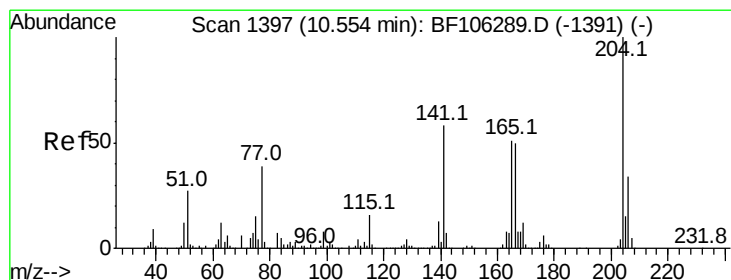
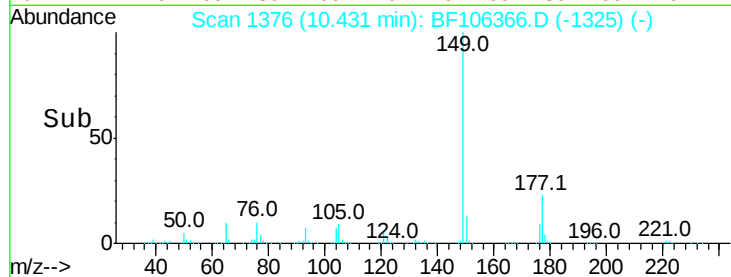
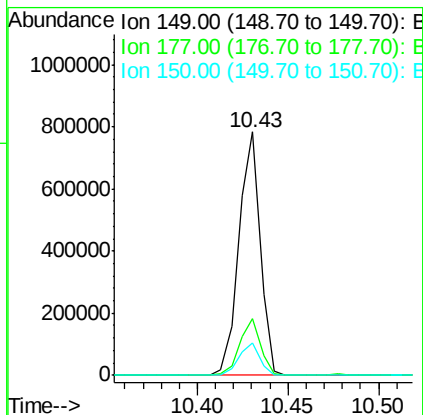
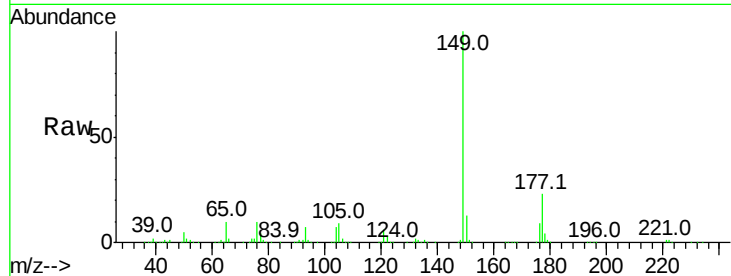




#59
Diethylphthalate
Concen: 42.130 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

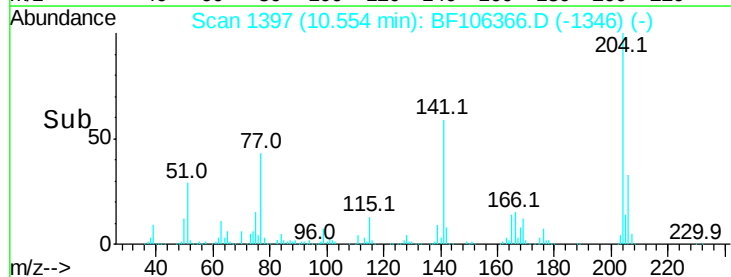
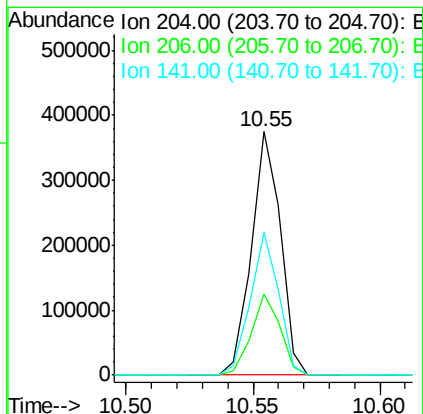
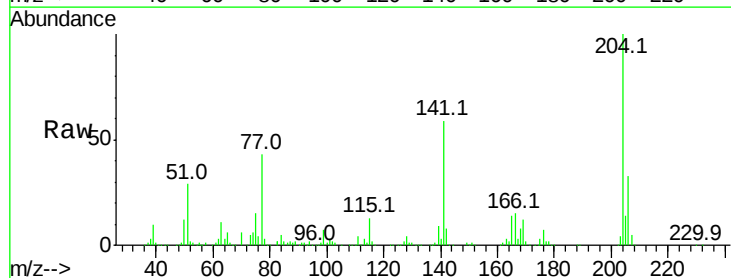
Instrument :
BNA_F
ClientSampled :

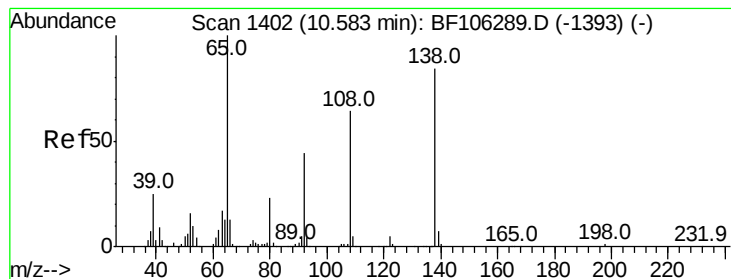
Tot Ion:149 Resp: 641105
Ion Ratio Lower Upper
149 100
177 23.4 16.1 24.1
150 13.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 40.551 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion:204 Resp: 299196
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 58.7 54.6 81.8





#61

4-Nitroaniline

Concen: 36.351 ng

RT: 10.58 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

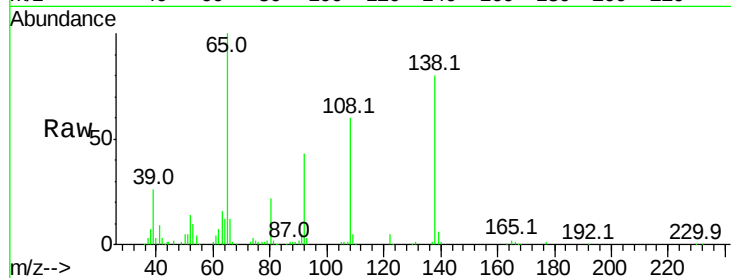
Tot Ion:138 Resp: 131460

Ion Ratio Lower Upper

138 100

92 53.3 30.2 70.2

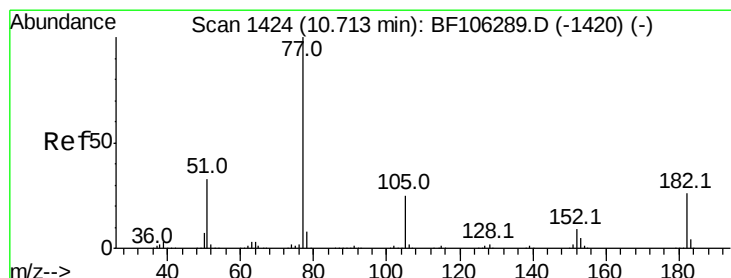
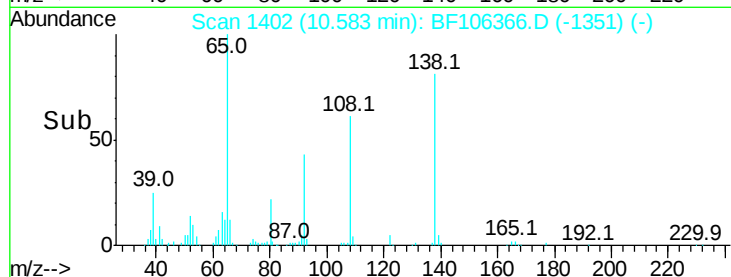
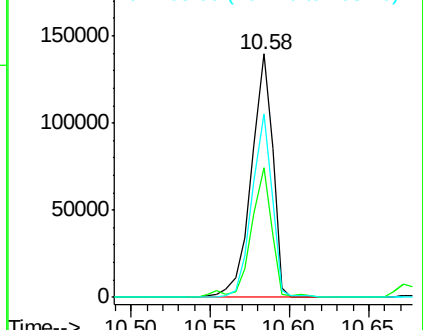
108 75.3 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.149 ng

RT: 10.71 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Tgt Ion: 77 Resp: 621207

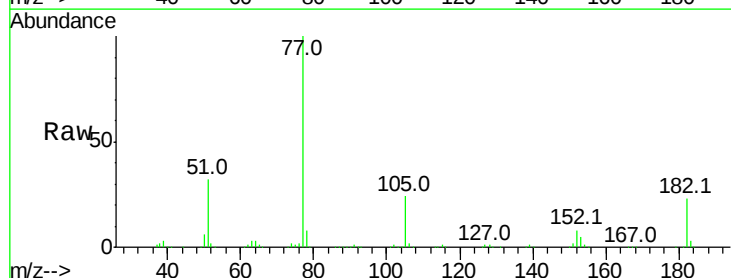
Ion Ratio Lower Upper

77 100

182 23.3 1.7 41.7

105 24.2 3.0 43.0

51 31.7 9.9 49.9

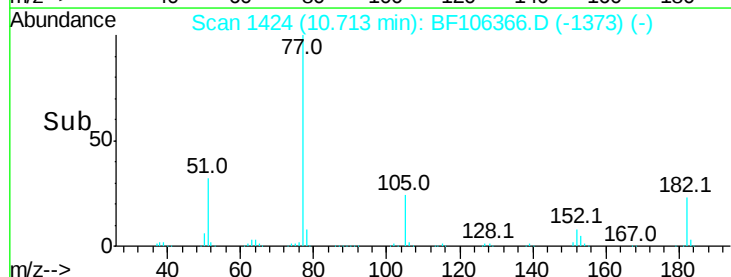
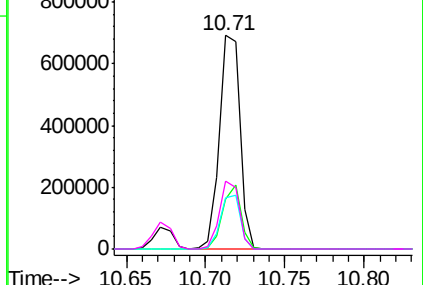


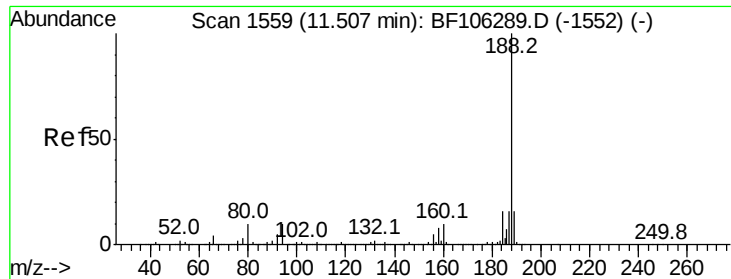
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

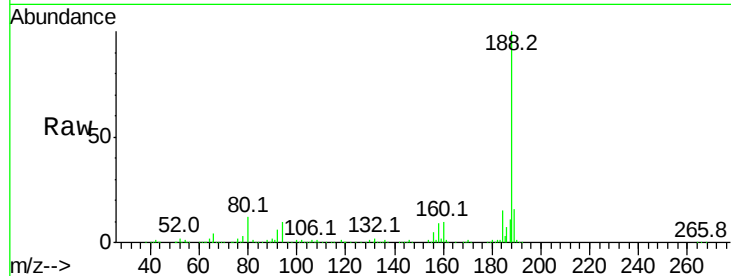




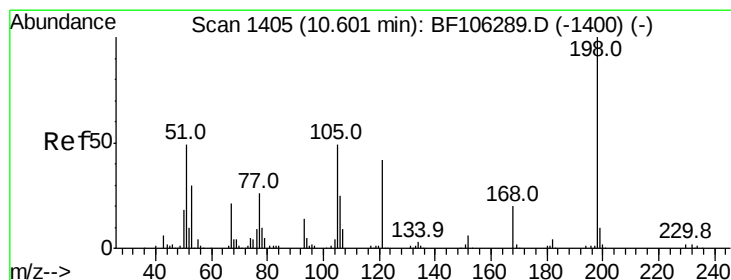
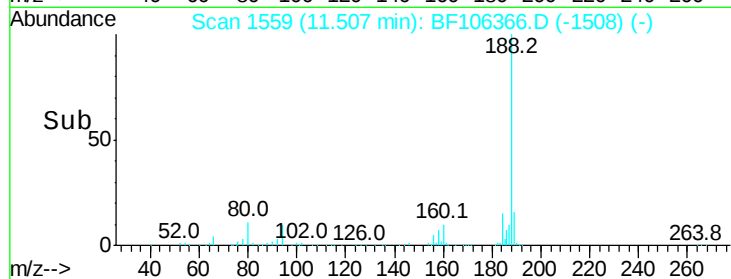
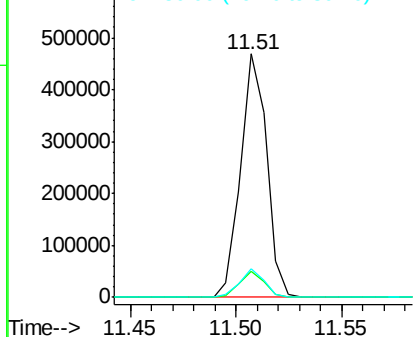
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 400304
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.8 9.2 13.8

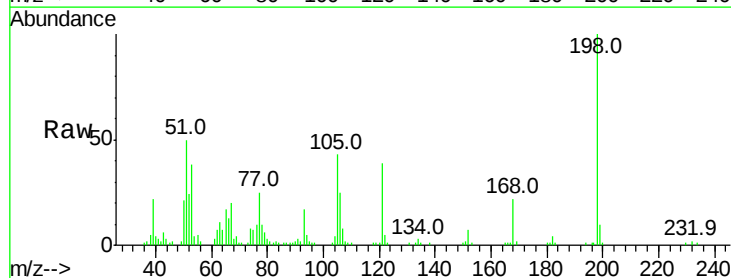


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

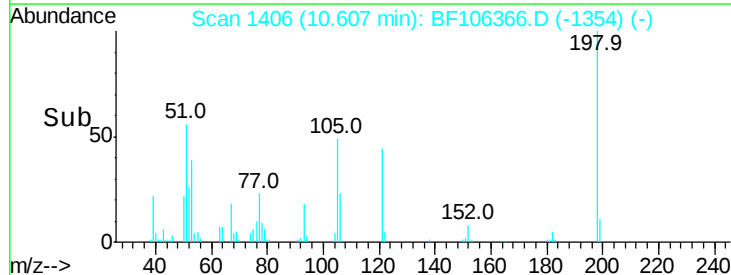
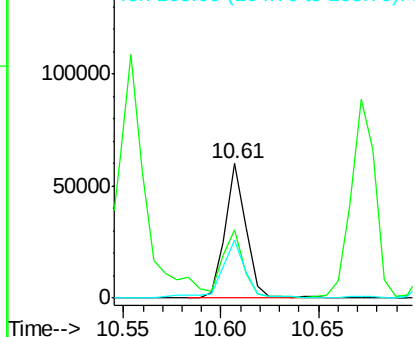


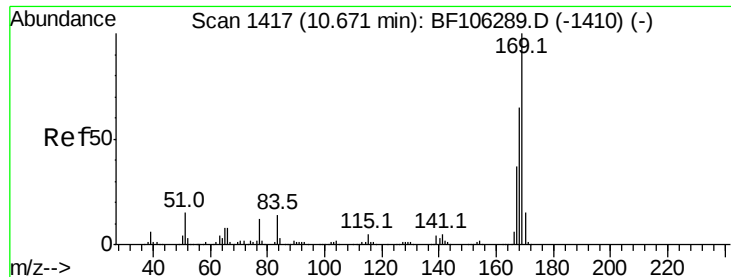
#64
4,6-Dinitro-2-methylphenol
Concen: 24.340 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion:198 Resp: 44850
Ion Ratio Lower Upper
198 100
51 50.5 37.7 77.7
105 43.2 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: 39.970 ng

RT: 10.67 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

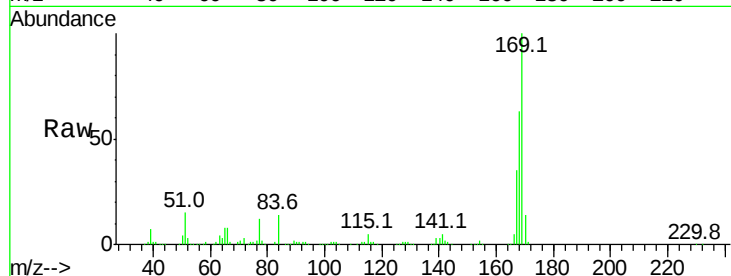
Tot Ion:169 Resp: 537744

Ion Ratio Lower Upper

169 100

168 63.1 54.4 81.6

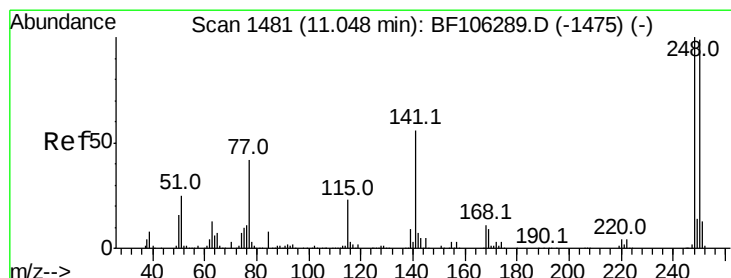
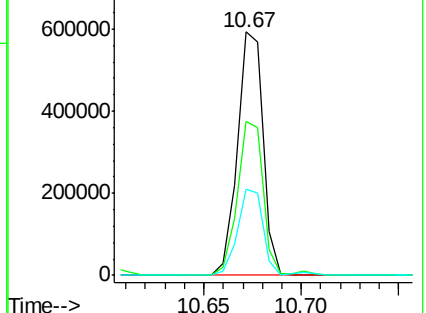
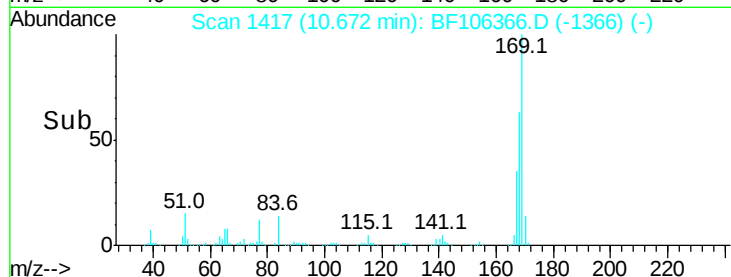
167 35.3 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.228 ng

RT: 11.05 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

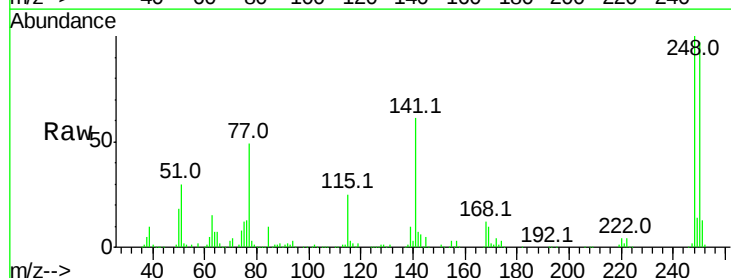
Tgt Ion:248 Resp: 196816

Ion Ratio Lower Upper

248 100

250 96.9 76.9 115.3

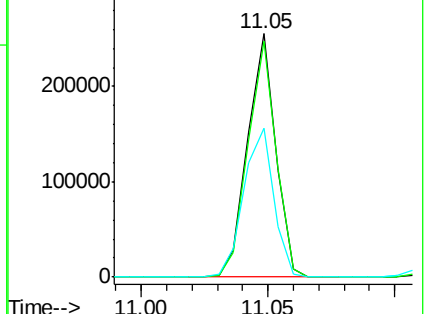
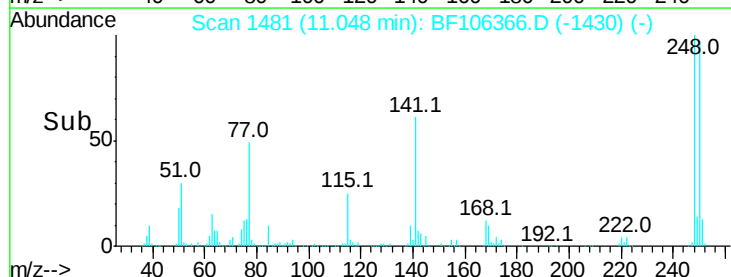
141 61.3 74.4 111.6#

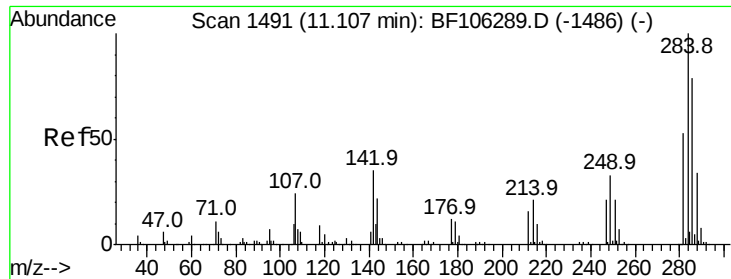


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

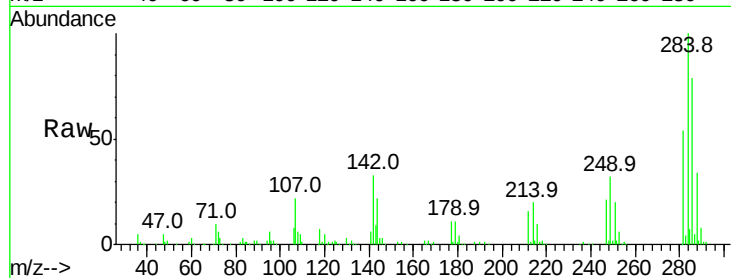




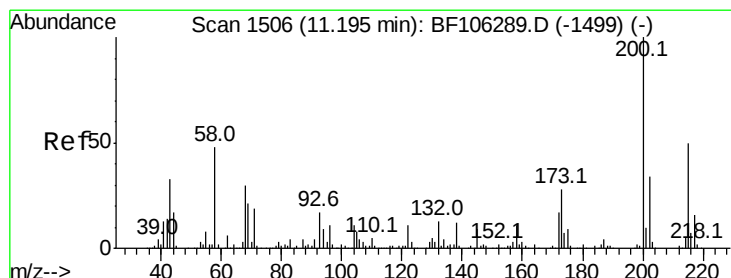
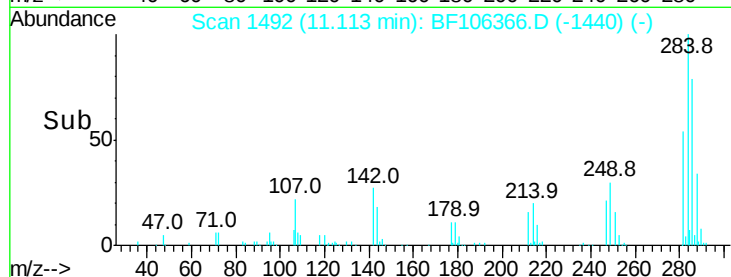
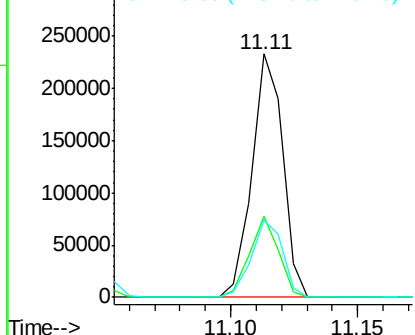
#67
Hexachlorobenzene
Concen: 42.086 ng
RT: 11.11 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.1	34.6	52.0#
249	31.6	24.8	37.2

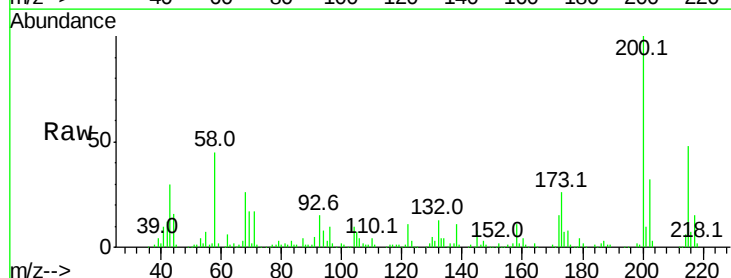


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

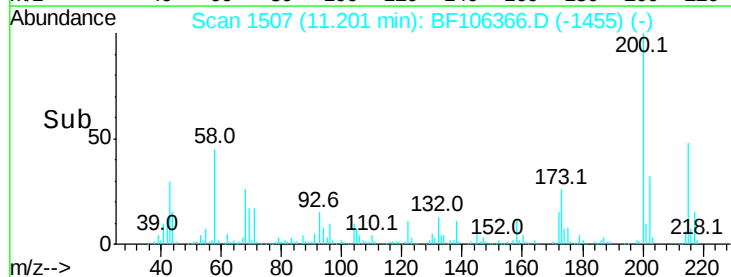
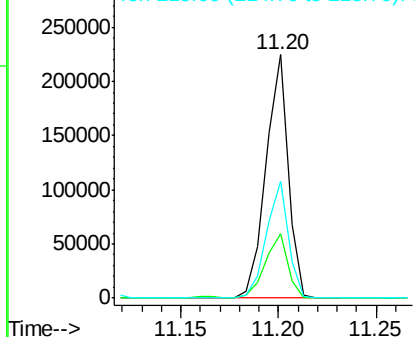


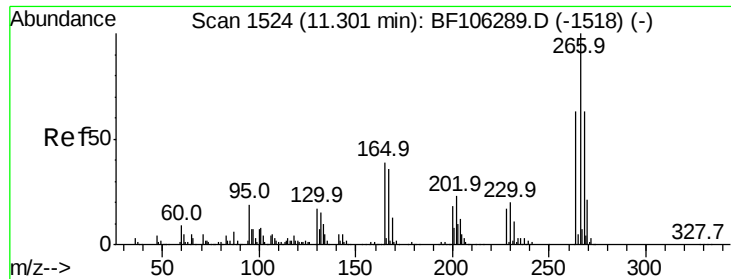
#68
Atrazine
Concen: 42.899 ng
RT: 11.20 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	8.6	48.6
215	47.8	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

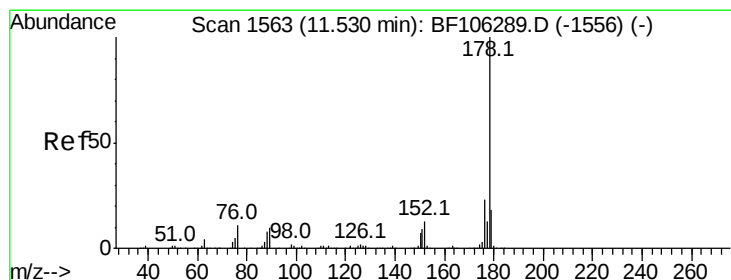
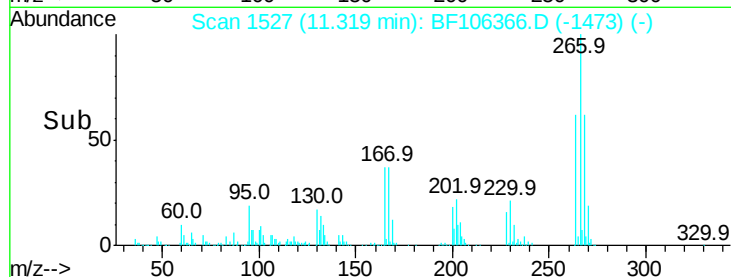
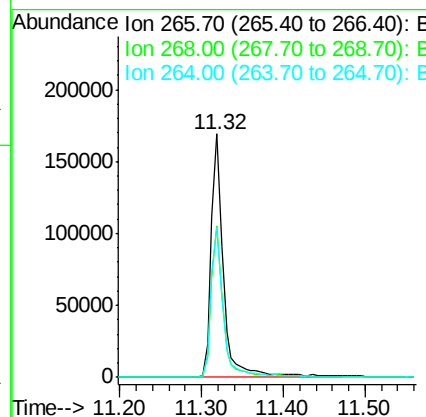
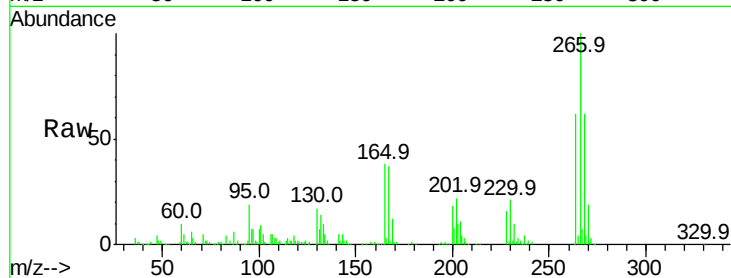




#69
 Pentachlorophenol
 Concen: 61.925 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. 0.02 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

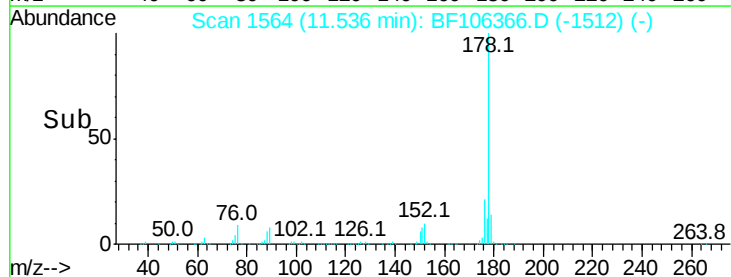
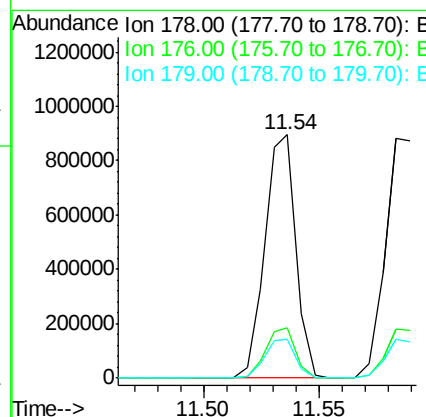
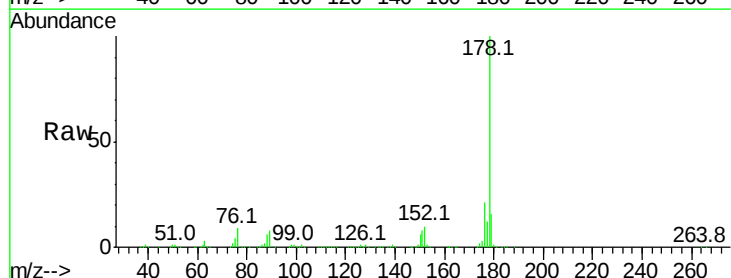
Instrument :
 BNA_F
 ClientSampleId :

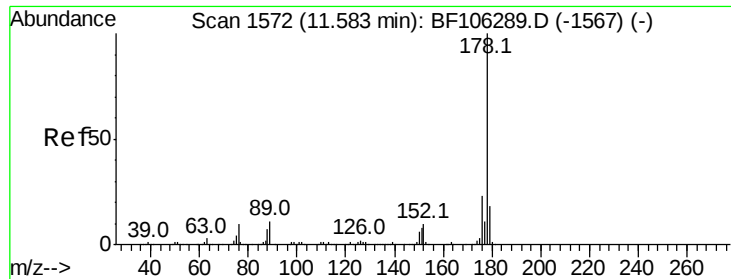
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	51.1	76.7
264	61.9	49.5	74.3



#70
 Phenanthrene
 Concen: 42.589 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.8	23.8
179	16.0	13.0	19.6

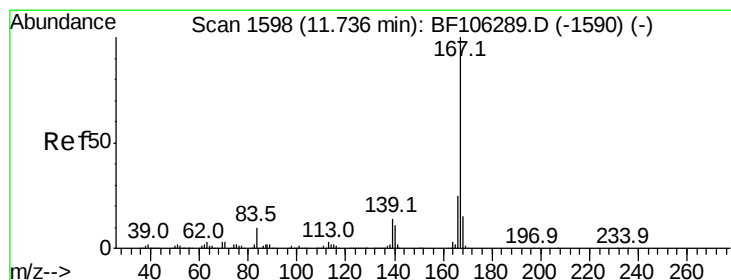
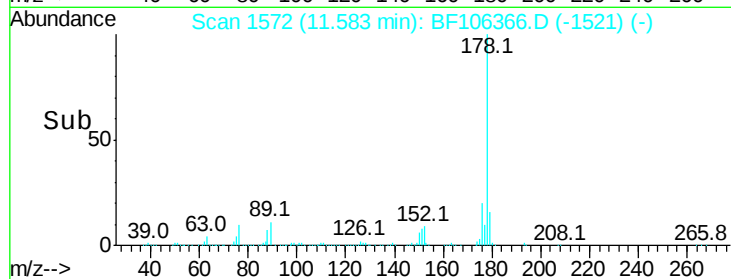
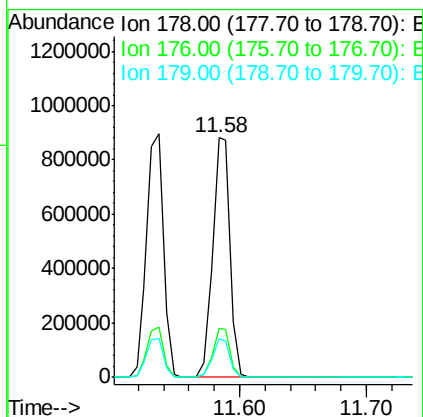
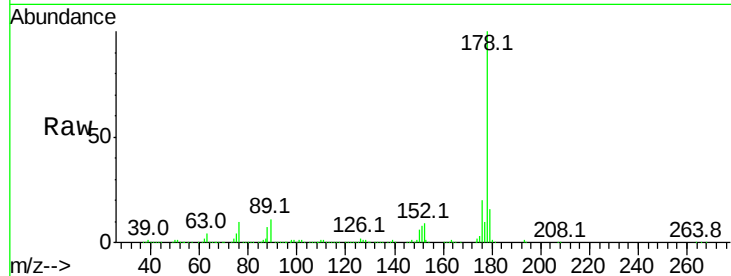




#71
 Anthracene
 Concen: 43.470 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

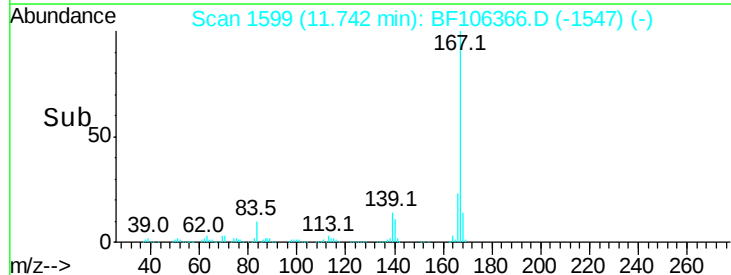
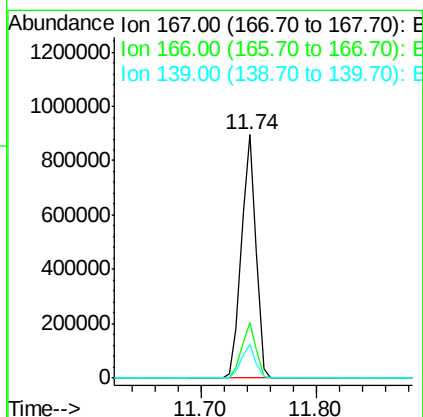
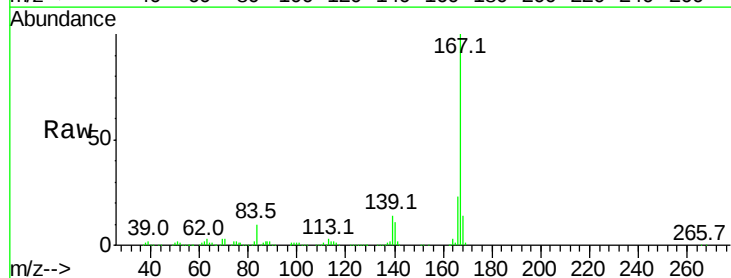
Instrument :
 BNA_F
 ClientSampled :

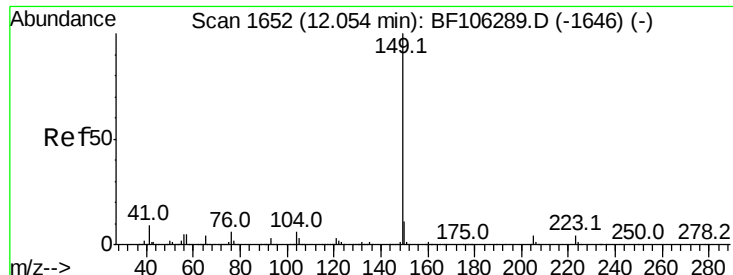
Tot Ion:178 Resp: 853747
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.4 23.2
 179 16.4 12.6 19.0



#72
 Carbazole
 Concen: 43.154 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion:167 Resp: 782460
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.864 ng

RT: 12.06 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampled :

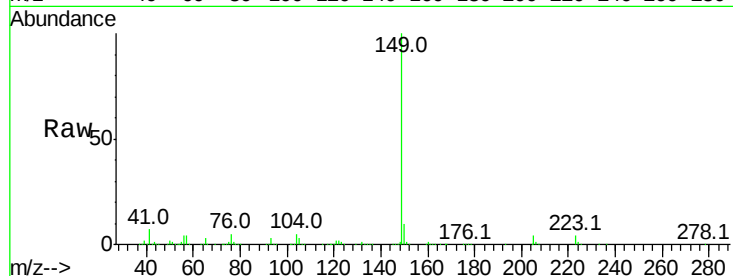
Tot Ion:149 Resp: 945721

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

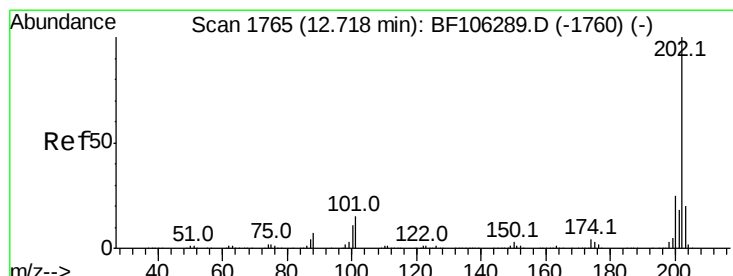
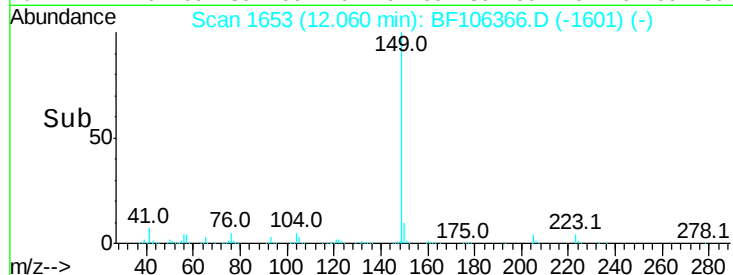
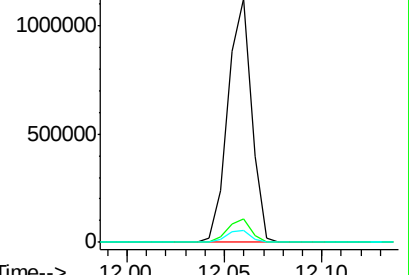
104 5.0 3.8 5.8



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: 45.947 ng

RT: 12.72 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

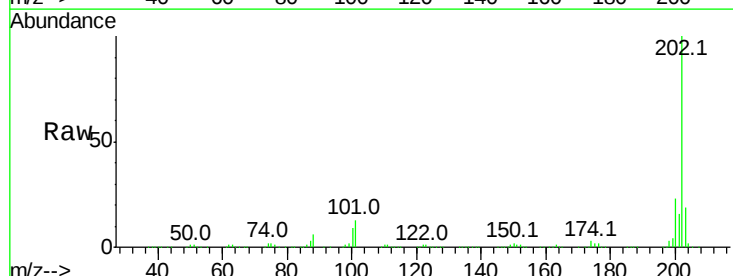
Tgt Ion:202 Resp: 960625

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

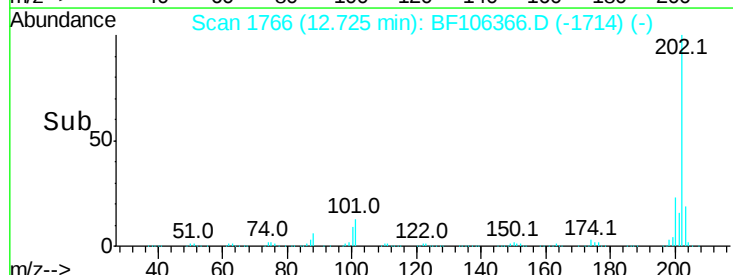
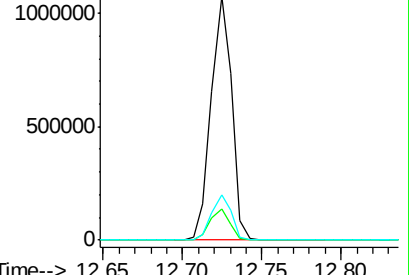
203 18.8 0.0 38.1

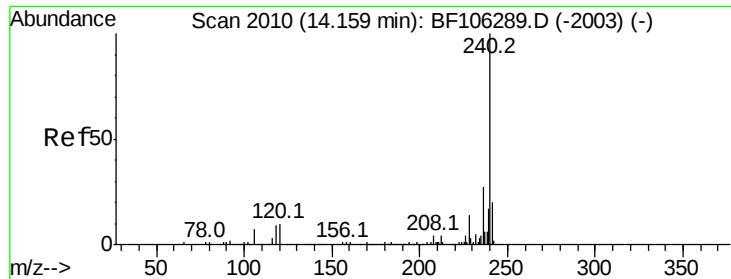


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

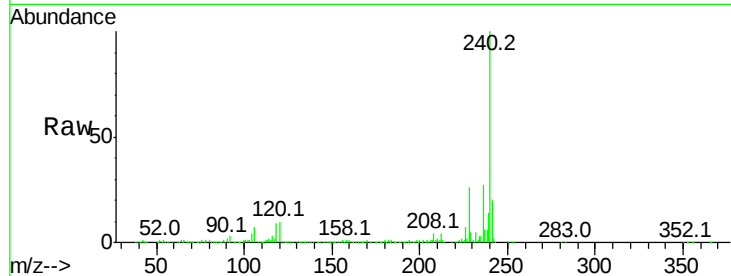
Tot Ion:240 Resp: 374257

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

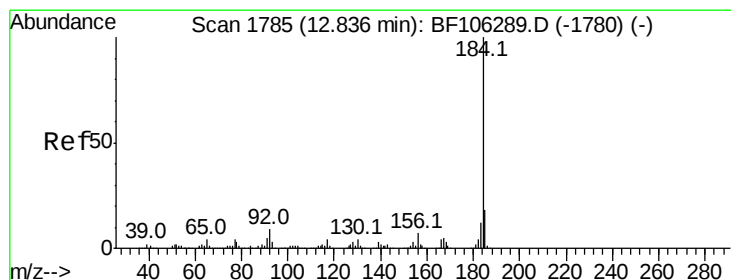
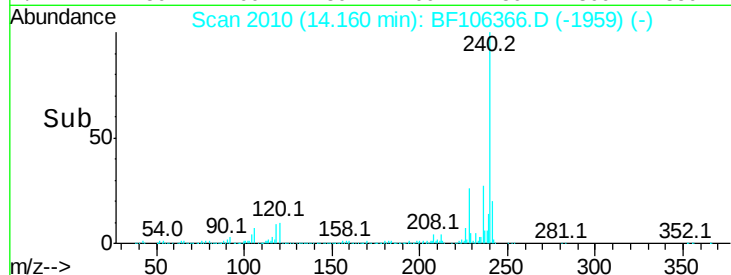
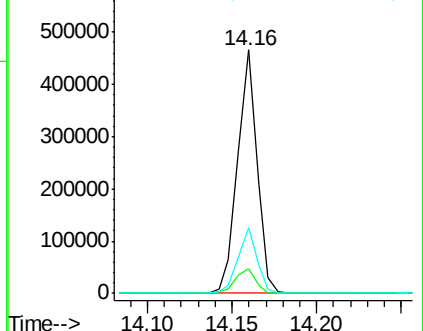
236 26.9 20.7 31.1



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: 59.975 ng

RT: 12.85 min Scan# 1787

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

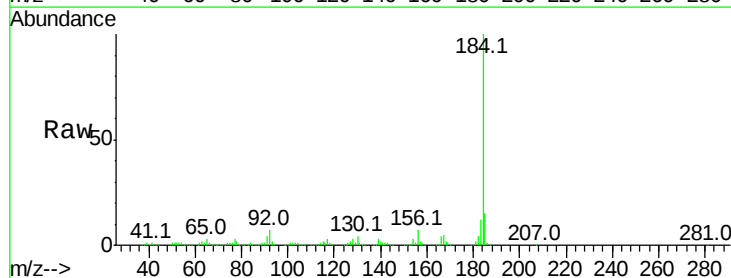
Tgt Ion:184 Resp: 747033

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

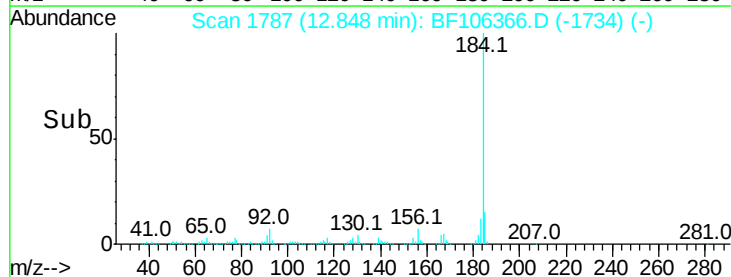
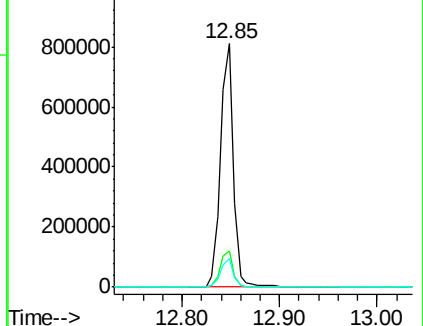
183 11.8 9.3 13.9

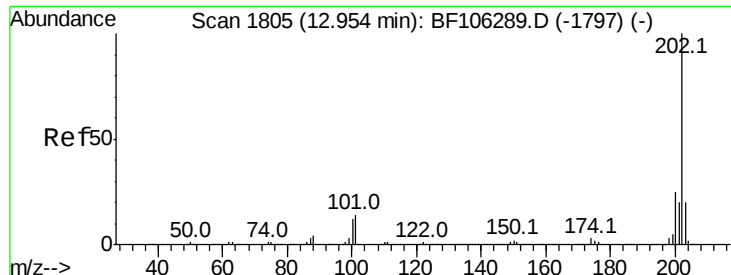


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

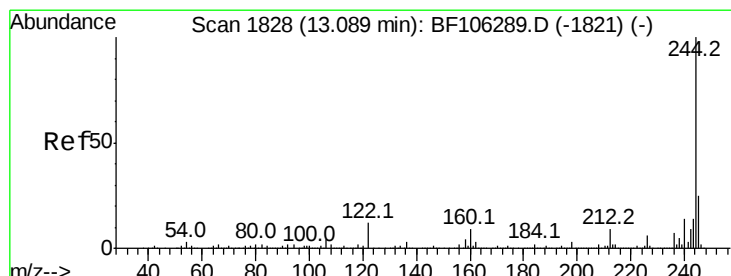
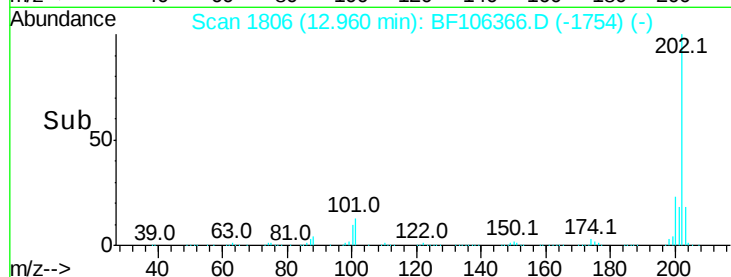
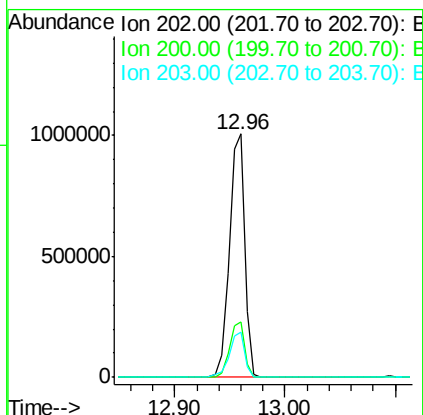
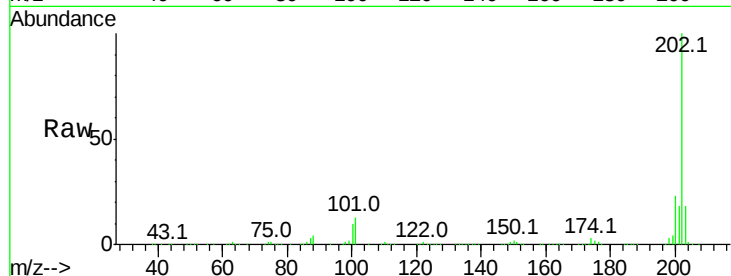




#77
Pvrene
Concen: 41.983 ng
RT: 12.96 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

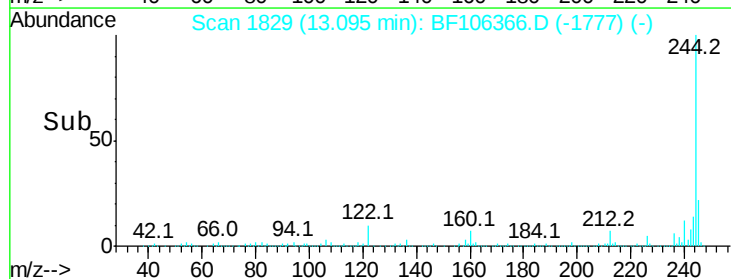
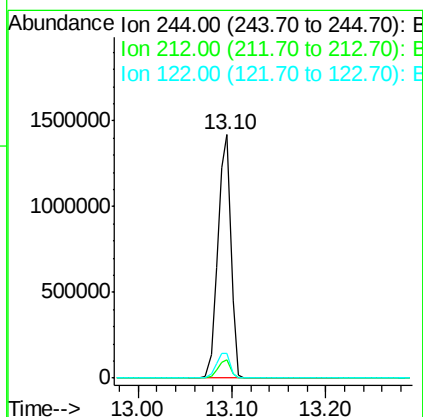
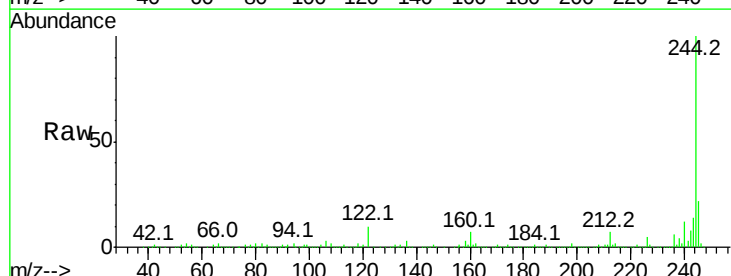
Instrument :
BNA_F
ClientSampleId :

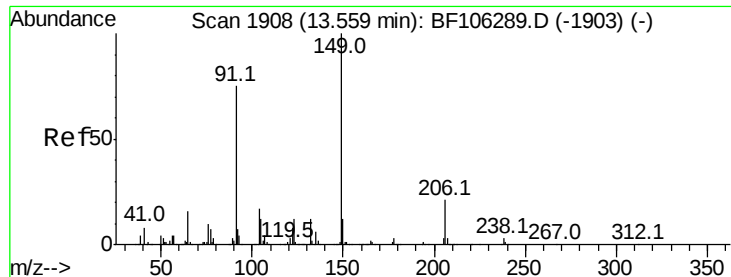
Tot Ion:202 Resp: 983689
Ion Ratio Lower Upper
202 100
200 22.6 17.4 26.2
203 18.5 14.3 21.5



#78
Terphenyl-d14
Concen: 91.823 ng
RT: 13.10 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion:244 Resp: 1383592
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.0
122 10.1 11.0 16.4#

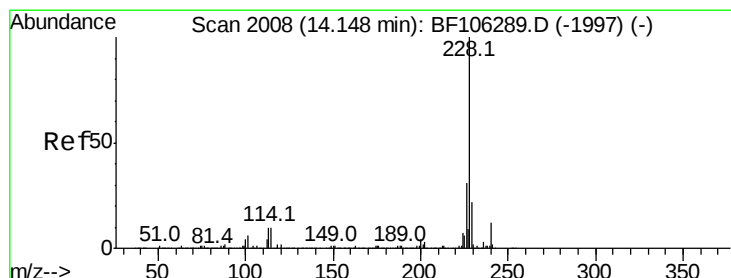
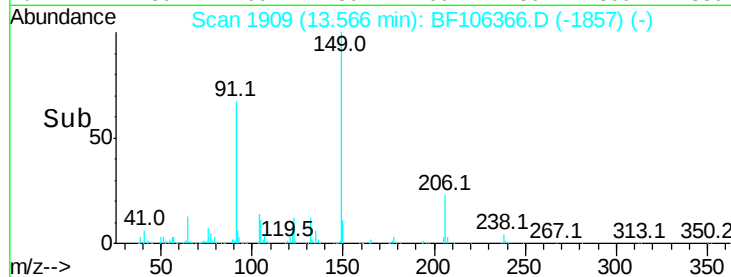
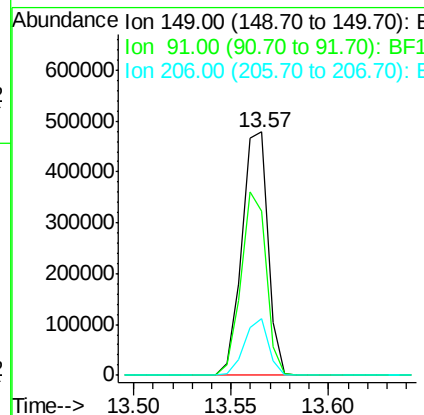
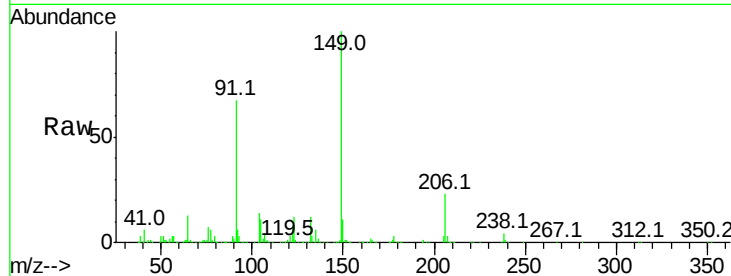




#79
 Butylbenzylphthalate
 Concen: 50.677 ng
 RT: 13.57 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

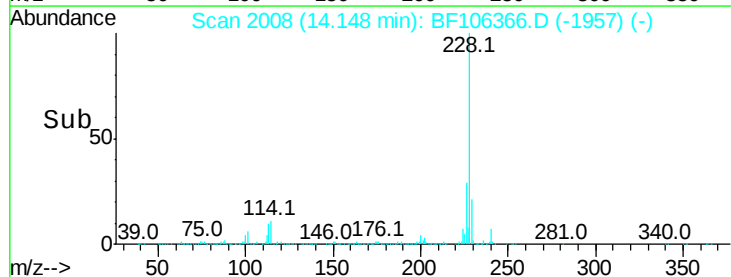
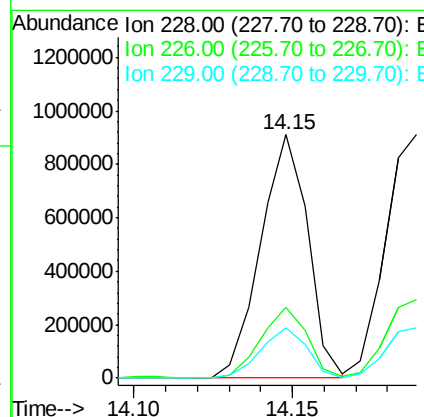
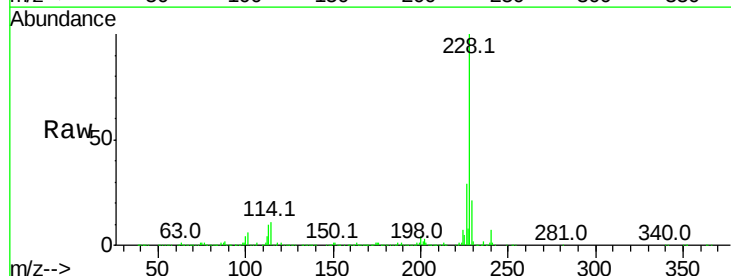
Instrument :
 BNA_F
 ClientSampleId :

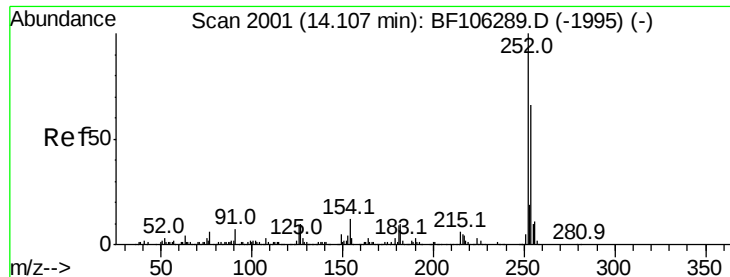
Tot Ion:149 Resp: 444478
 Ion Ratio Lower Upper
 149 100
 91 67.3 56.8 85.2
 206 23.2 14.1 21.1#



#80
 Benzo(a)anthracene
 Concen: 42.213 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion:228 Resp: 940168
 Ion Ratio Lower Upper
 228 100
 226 29.3 22.6 33.8
 229 20.7 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 45.073 ng

RT: 14.11 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

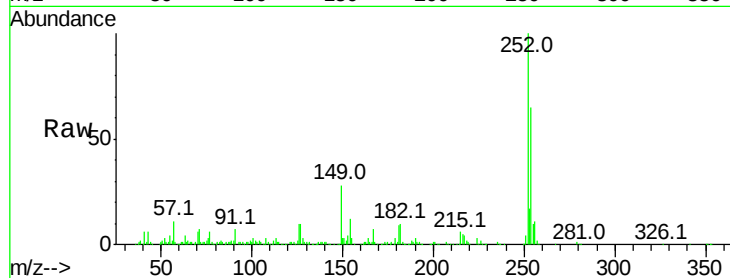
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 338700

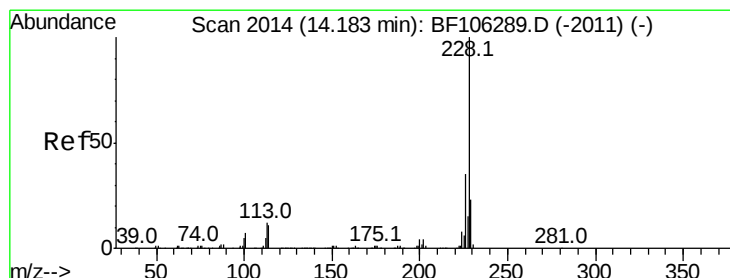
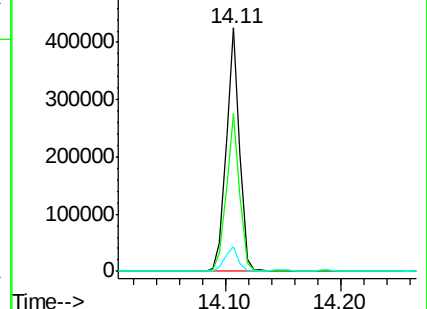
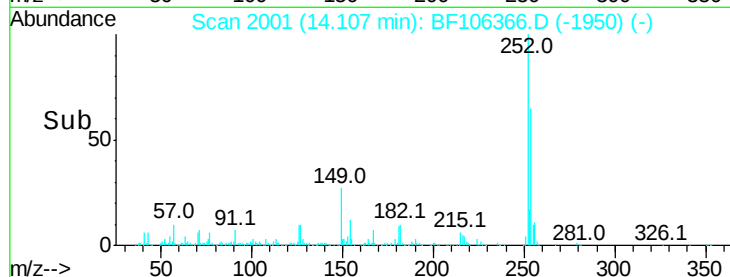
Ion	Ratio	Lower	Upper
252	100		
254	64.7	50.4	75.6
126	10.2	11.3	16.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 42.699 ng

RT: 14.19 min Scan# 2015

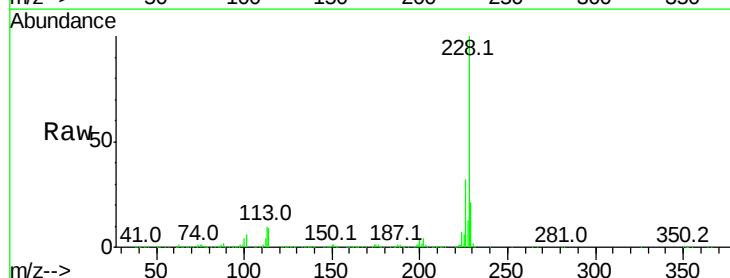
Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Tgt Ion:228 Resp: 868242

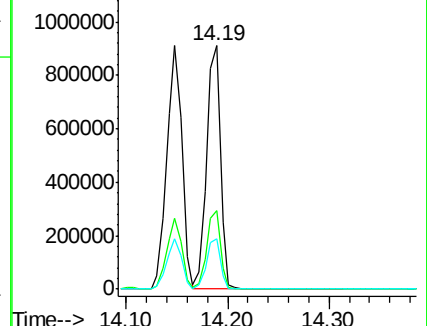
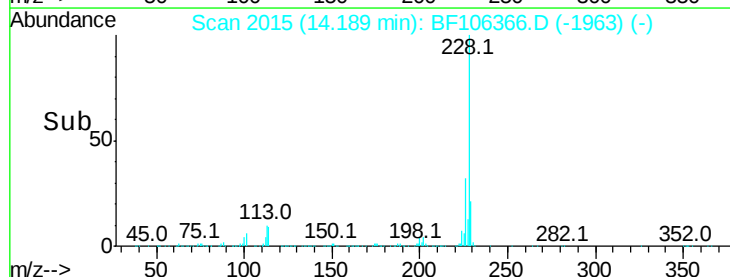
Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.6
229	20.6	16.2	24.4

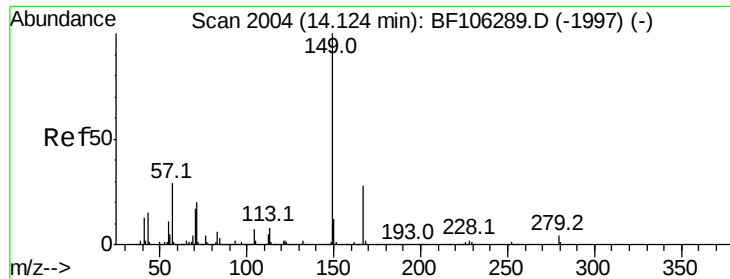


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

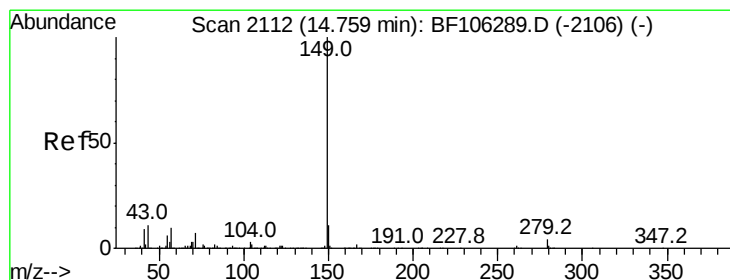
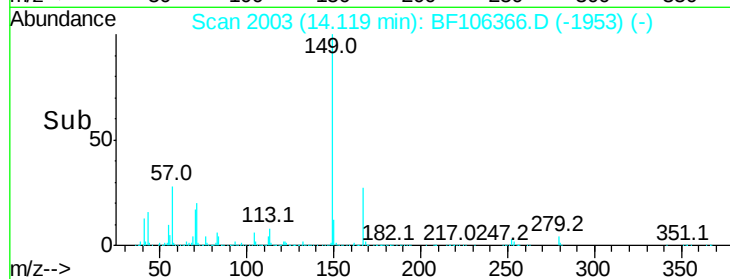
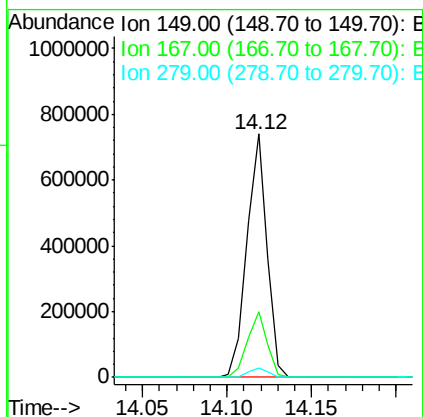
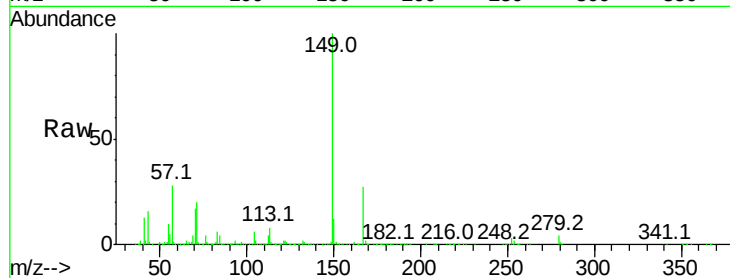




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.197 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

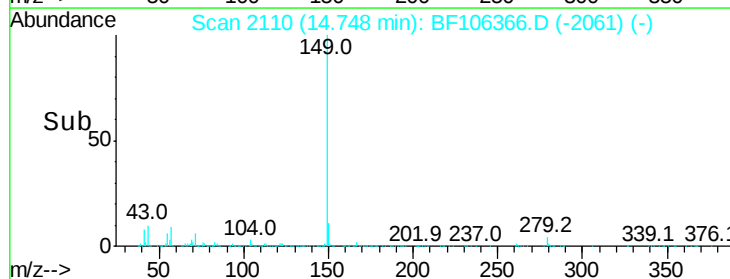
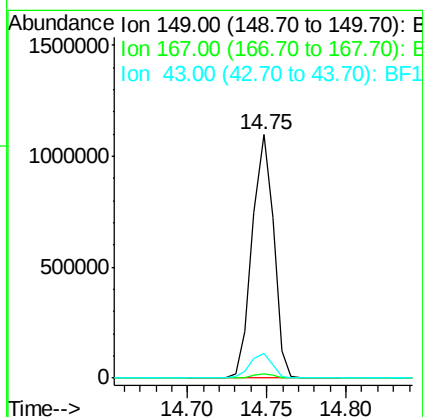
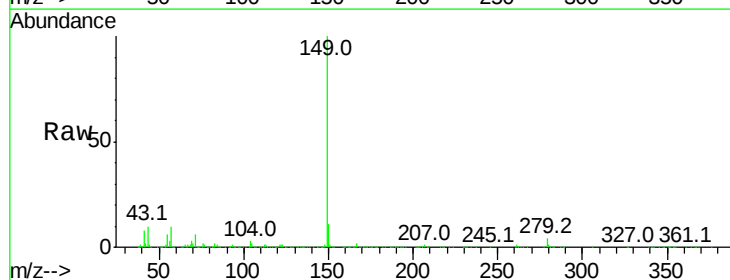
Instrument :
 BNA_F
 ClientSampleId :

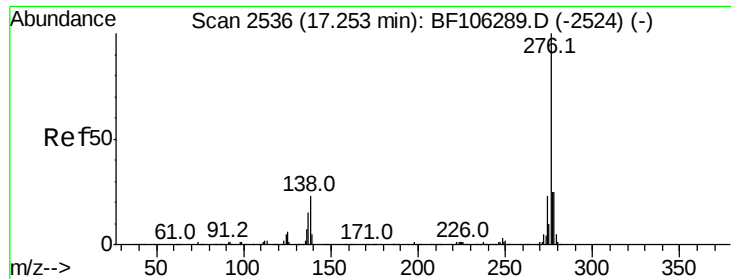
Tot Ion:149 Resp: 618685
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 4.0 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 57.194 ng
 RT: 14.75 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BF106366.D
 Acq: 13 Jun 2018 1:26

Tgt Ion:149 Resp: 1036914
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 10.1 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.378 ng

RT: 17.27 min Scan# 2538

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

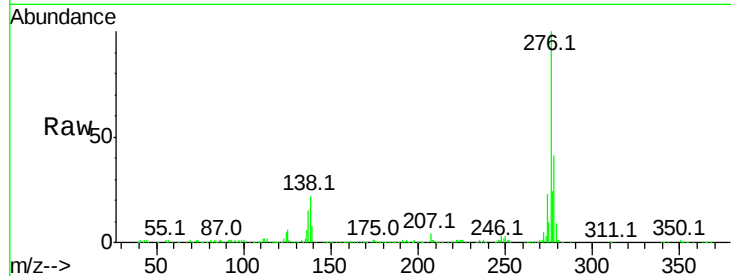
Tot Ion:276 Resp: 671494

Ion Ratio Lower Upper

276 100

138 24.7 25.0 37.6#

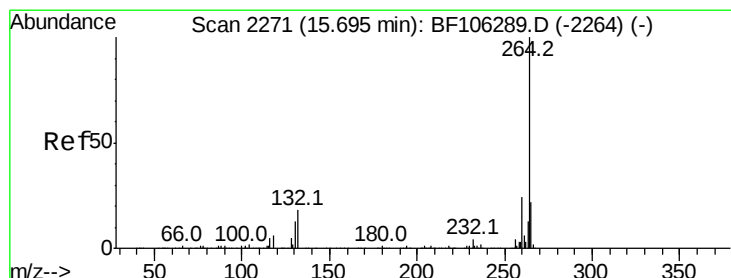
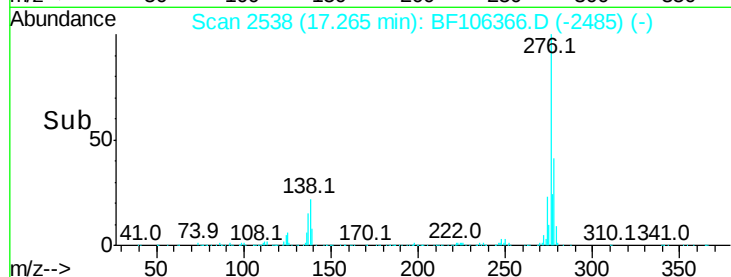
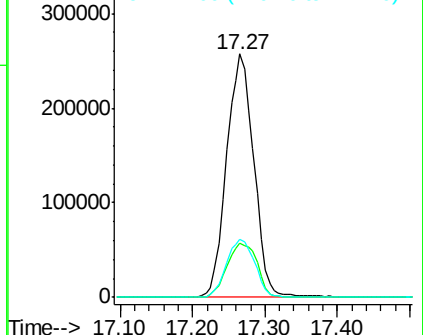
277 24.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

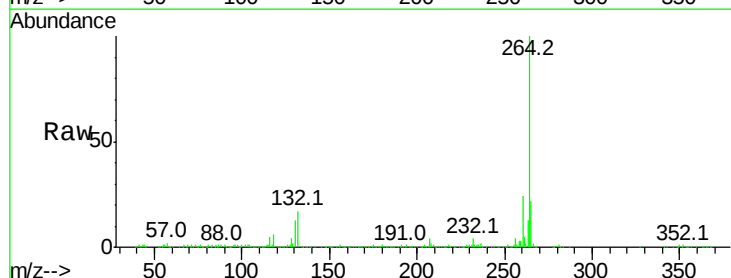
Tgt Ion:264 Resp: 283476

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

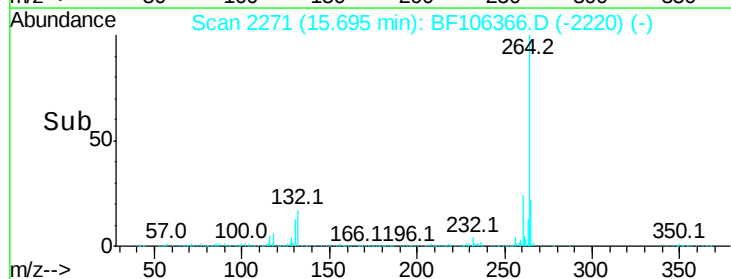
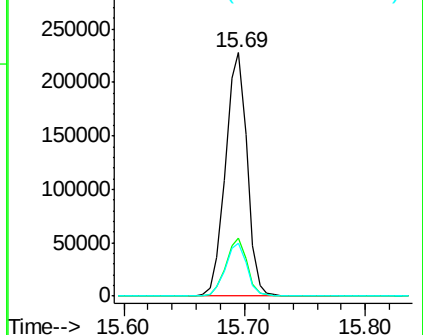
265 21.9 17.5 26.3

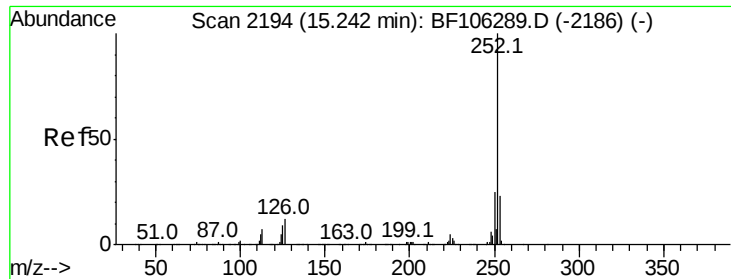


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

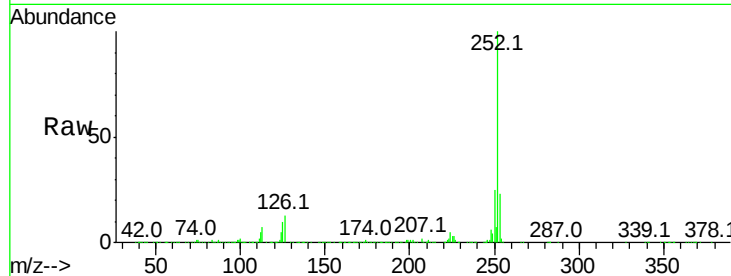




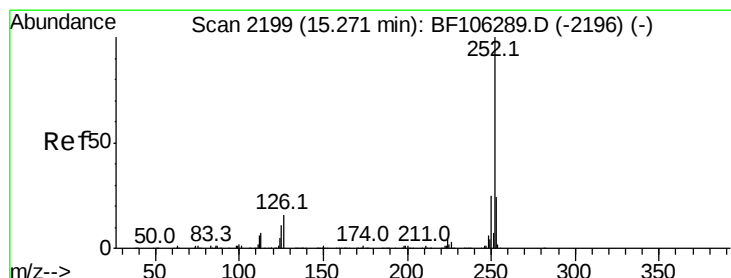
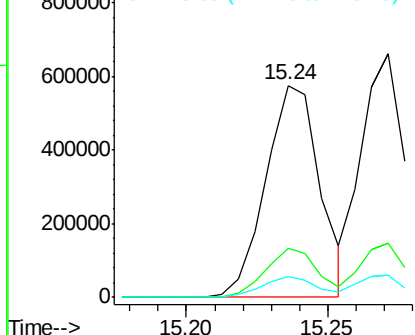
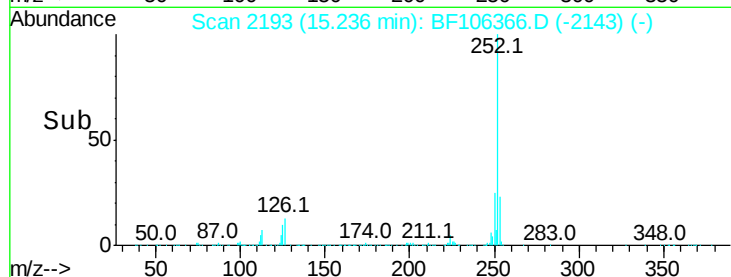
#87
Benzo(b)fluoranthene
Concen: 44.677 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 765575
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 9.8 9.0 13.6

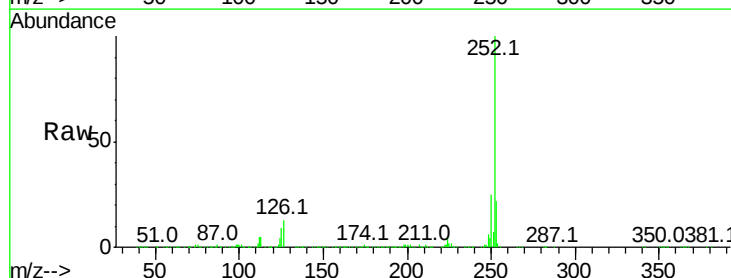


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

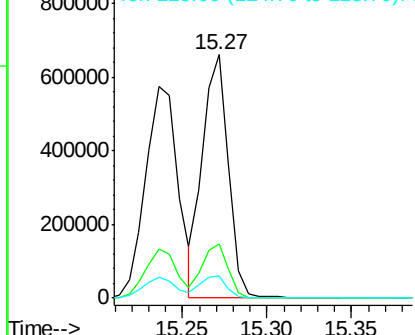
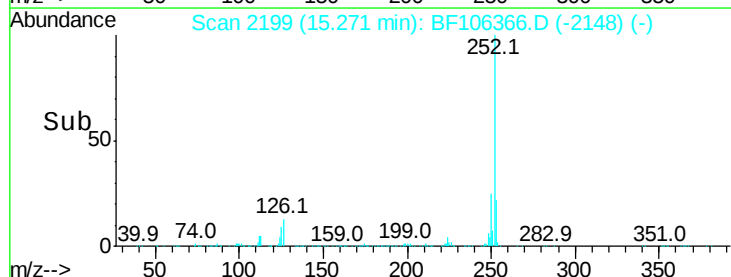


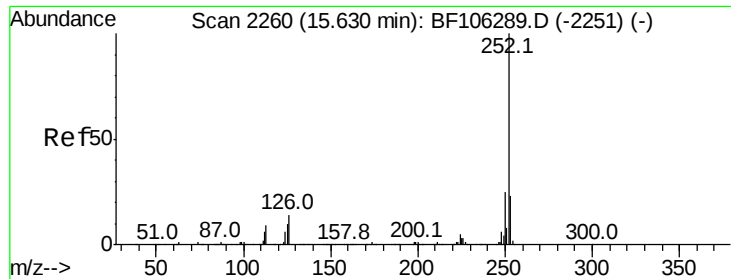
#88
Benzo(k)fluoranthene
Concen: 41.468 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion:252 Resp: 703745
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 8.9 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

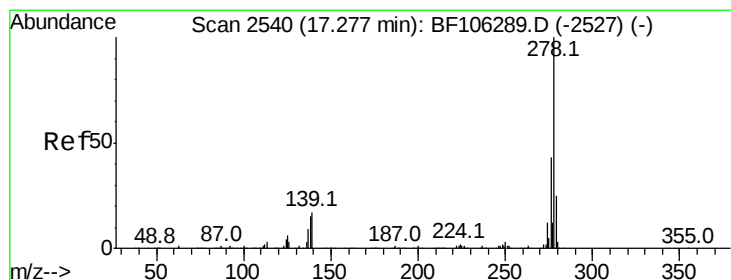
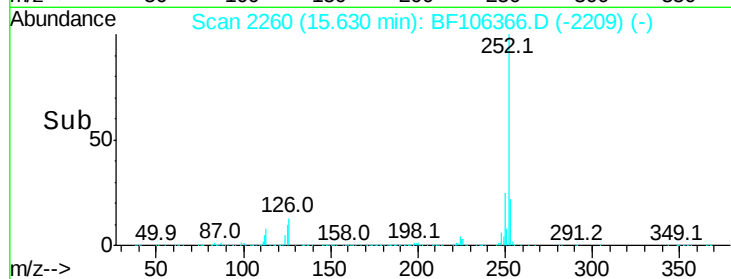
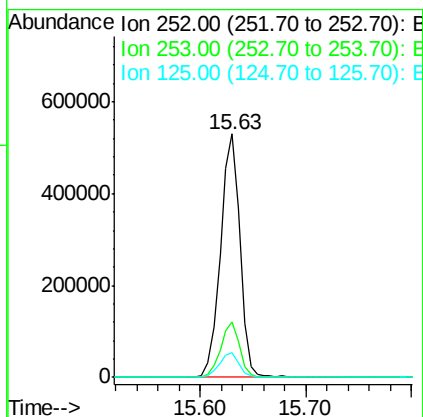
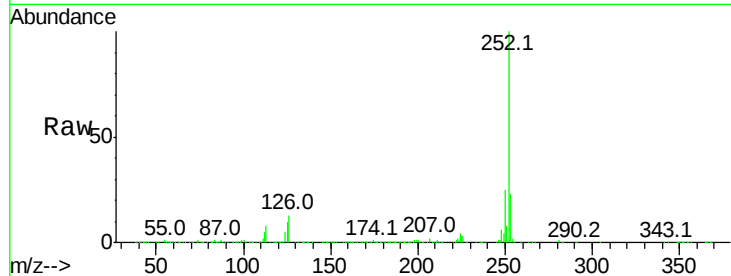




#89
Benzo(a)pyrene
Concen: 44.257 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

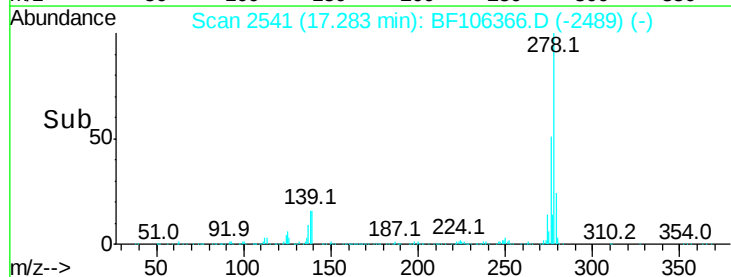
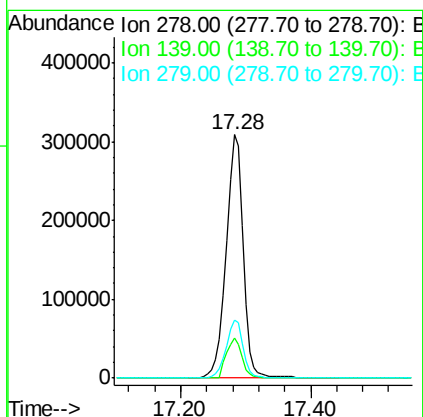
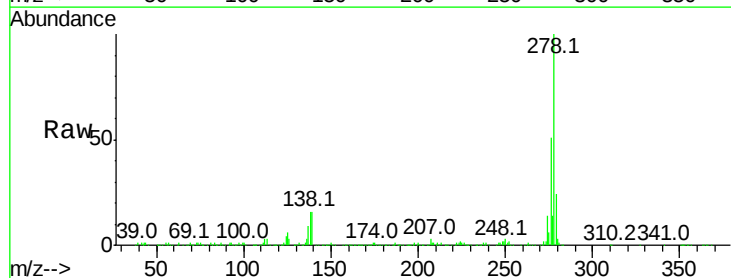
Instrument :
BNA_F
ClientSampleId :

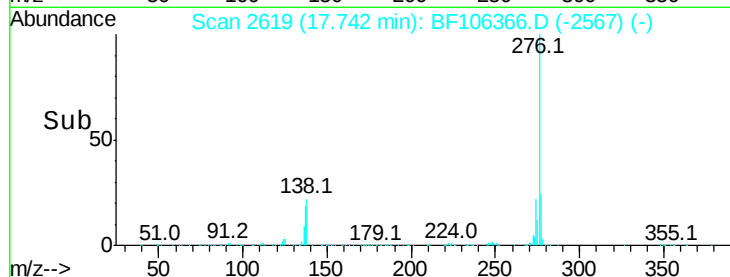
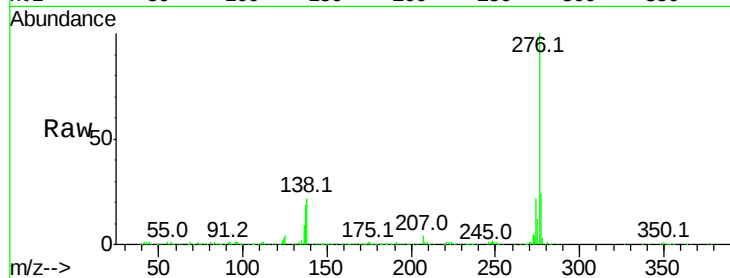
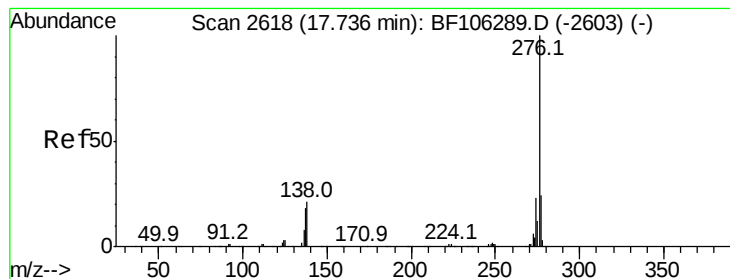
Tot Ion:252 Resp: 682127
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 10.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 43.947 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.01 min
Lab File: BF106366.D
Acq: 13 Jun 2018 1:26

Tgt Ion:278 Resp: 564706
Ion Ratio Lower Upper
278 100
139 16.5 15.9 23.9
279 24.1 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 43.225 ng

RT: 17.74 min Scan# 2619

Delta R.T. 0.01 min

Lab File: BF106366.D

Acq: 13 Jun 2018 1:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 539782

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 22.2 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

