

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106364.D
 Acq On : 13 Jun 2018 00:31
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 01:12:19 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	102482	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	359033	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	144715	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	309161	20.00	ng	0.00
75) Chrysene-d12	14.16	240	314236	20.00	ng	0.00
86) Perylene-d12	15.69	264	230256	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	575344	95.02	ng	0.04
7) Phenol-d6	6.62	99	646913	84.56	ng	0.04
23) Nitrobenzene-d5	7.54	82	553693	90.72	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	135192	97.09	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	859646	119.21	ng	0.00
78) Terphenyl-d14	13.09	244	1129939	89.31	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.80	88	144999	46.271	ng	96
3) Pyridine	3.59	79	377212	43.195	ng	99
4) n-Nitrosodimethylamine	3.55	42	166646	41.656	ng	94
6) Aniline	6.64	93	410589	36.756	ng	# 59
8) 2-Chlorophenol	6.78	128	277087	42.554	ng	98
9) Benzaldehyde	6.53	77	231309	39.863	ng	99
10) Phenol	6.64	94	367495	44.004	ng	# 33
11) bis(2-Chloroethyl)ether	6.71	93	300183	41.987	ng	97
12) 1,3-Dichlorobenzene	6.92	146	326063	42.546	ng	99
13) 1,4-Dichlorobenzene	7.00	146	332536	42.759	ng	98
14) 1,2-Dichlorobenzene	7.15	146	301941	41.243	ng	98
15) Benzyl Alcohol	7.12	79	243828	37.218	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	315579	30.793	ng	# 17
17) 2-Methylphenol	7.25	107	235534	40.543	ng	# 91
18) Hexachloroethane	7.49	117	89373	32.252	ng	92
19) n-Nitroso-di-n-propylamine	7.38	70	210843	36.737	ng	98
20) 3+4-Methylphenols	7.40	107	307297	41.362	ng	93
22) Acetophenone	7.38	105	399165	44.117	ng	# 98
24) Nitrobenzene	7.55	77	286263	43.155	ng	93
25) Isophorone	7.80	82	467449	39.213	ng	98
26) 2-Nitrophenol	7.87	139	123142	47.827	ng	97
27) 2,4-Dimethylphenol	7.92	122	203146	40.254	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	326825	42.283	ng	98
29) 2,4-Dichlorophenol	8.14	162	205117	42.131	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	227847	41.738	ng	96
31) Naphthalene	8.28	128	690373	42.536	ng	100
32) Benzoic acid	8.01	122	32780	14.758	ng	94
33) 4-Chloroaniline	8.33	127	281592	39.150	ng	99
34) Hexachlorobutadiene	8.39	225	156613	44.656	ng	98
35) Caprolactam	8.68	113	59352	36.041	ng	88
36) 4-Chloro-3-methylphenol	8.83	107	195735	36.345	ng	98
37) 2-Methylnaphthalene	8.97	142	429964	38.895	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	218528	46.517	ng	# 96
42) 2,4,6-Trichlorophenol	9.25	196	137671	45.985	ng	95

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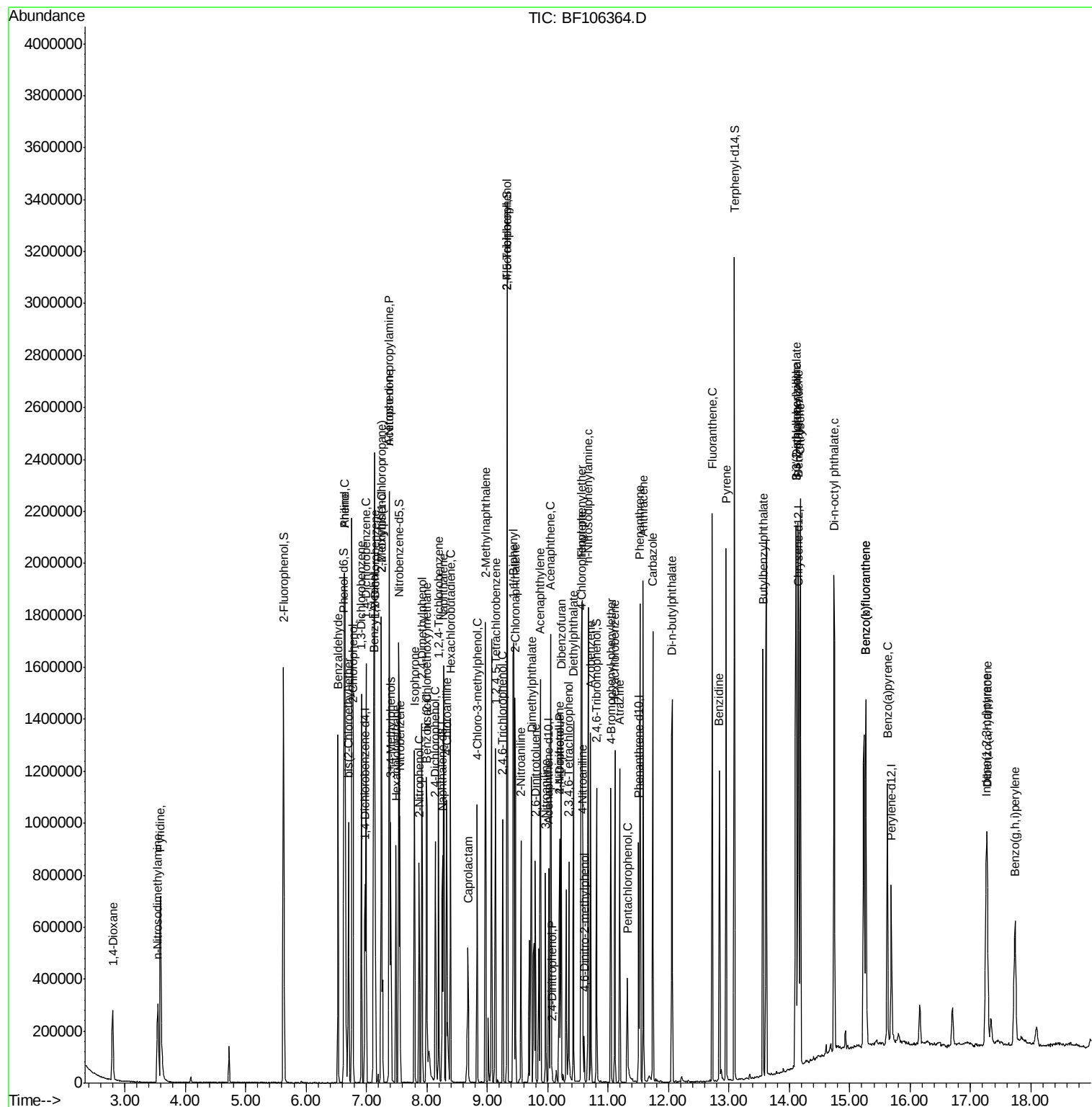
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.32	196	122489	37.952	nq	95
45) 1,1'-Biphenyl	9.44	154	513702	45.830	nq	98
46) 2-Chloronaphthalene	9.46	162	392998	43.812	nq	98
47) 2-Nitroaniline	9.56	65	136653	48.427	nq	89
48) Acenaphthylene	9.88	152	617173	44.951	nq	99
49) Dimethylphthalate	9.73	163	465098	44.985	nq	# 98
50) 2,6-Dinitrotoluene	9.80	165	89567	42.410	nq	99
51) Acenaphthene	10.05	154	371486	41.896	nq	99
52) 3-Nitroaniline	9.97	138	119023	47.484	nq	97
53) 2,4-Dinitrophenol	10.07	184	5985	14.122	nq	# 20
54) Dibenzofuran	10.22	168	525135	43.981	nq	99
55) 4-Nitrophenol	10.19	139	65687	34.189	nq	91
56) 2,4-Dinitrotoluene	10.20	165	111674	42.108	nq	# 90
57) Fluorene	10.57	166	425195	44.947	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	110916	43.360	nq	# 84
59) Diethylphthalate	10.42	149	456021	44.437	nq	97
60) 4-Chlorophenyl-phenylether	10.55	204	218822	43.979	nq	91
61) 4-Nitroaniline	10.58	138	129553	53.122	nq	100
62) Azobenzene	10.71	77	432585	40.426	nq	98
64) 4,6-Dinitro-2-methylphenol	10.61	198	19985	16.706	nq	87
65) n-Nitrosodiphenylamine	10.67	169	409202	39.383	nq	94
66) 4-Bromophenyl-phenylether	11.05	248	143868	40.914	nq	# 83
67) Hexachlorobenzene	11.11	284	150915	41.630	nq	# 88
68) Atrazine	11.20	200	123752	38.648	nq	99
69) Pentachlorophenol	11.32	266	65555	29.372	nq	96
70) Phenanthrene	11.53	178	666210	44.001	nq	99
71) Anthracene	11.58	178	680373	44.855	nq	99
72) Carbazole	11.74	167	633979	45.273	nq	100
73) Di-n-butylphthalate	12.06	149	737572	47.325	nq	100
74) Fluoranthene	12.72	202	810696	50.208	nq	98
76) Benzidine	12.85	184	490381	46.889	nq	99
77) Pyrene	12.95	202	846576	43.032	nq	98
79) Butylbenzylphthalate	13.57	149	380874	51.720	nq	94
80) Benzo(a)anthracene	14.15	228	789690	42.229	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	309541	49.061	nq	# 94
82) Chrysene	14.18	228	714251	41.835	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	535621	50.727	nq	99
84) Di-n-octyl phthalate	14.74	149	892589	58.637	nq	98
85) Indeno(1,2,3-cd)pyrene	17.26	276	522607	38.354	nq	94
87) Benzo(b)fluoranthene	15.27	252	590351	42.414	nq	97
88) Benzo(k)fluoranthene	15.27	252	590351	42.827	nq	# 97
89) Benzo(a)pyrene	15.62	252	528136	42.186	nq	98
90) Dibenzo(a,h)anthracene	17.28	278	450806	43.192	nq	96
91) Benzo(g,h,i)perylene	17.74	276	415593	40.972	nq	93

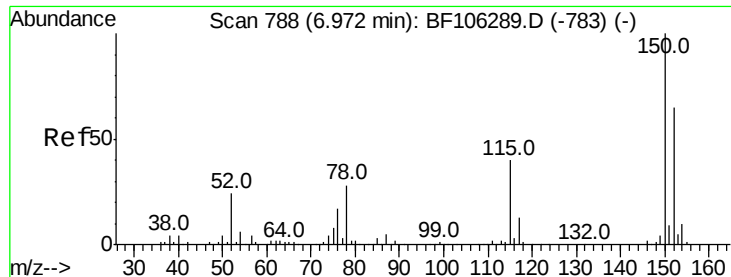
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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BNA_F
ClientSampled :

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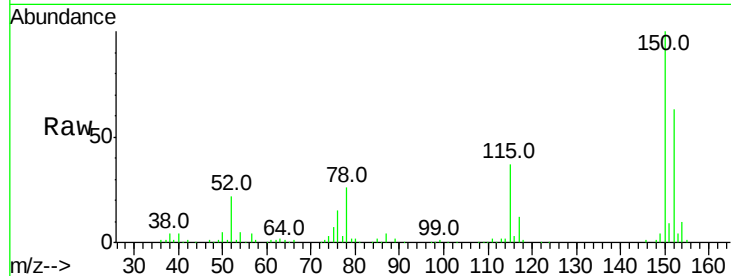


#1

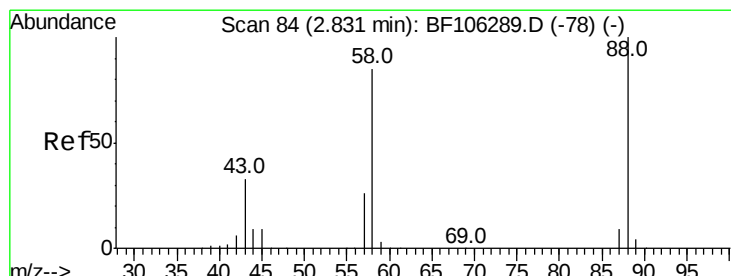
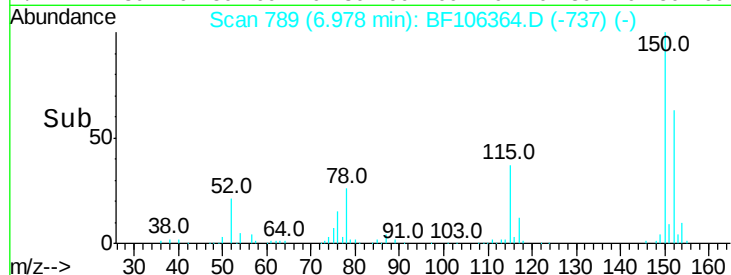
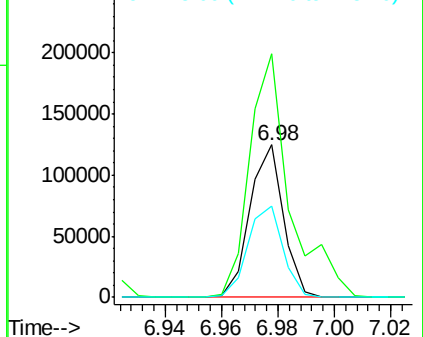
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 102482
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 59.7 50.1 75.1



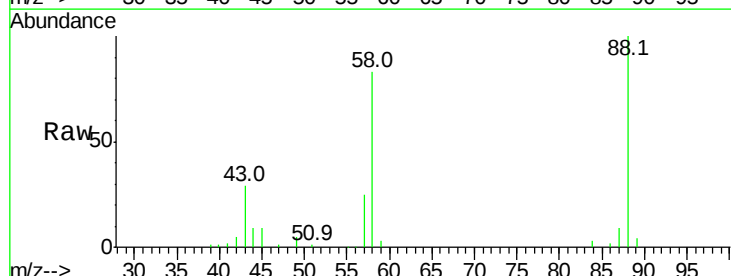
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



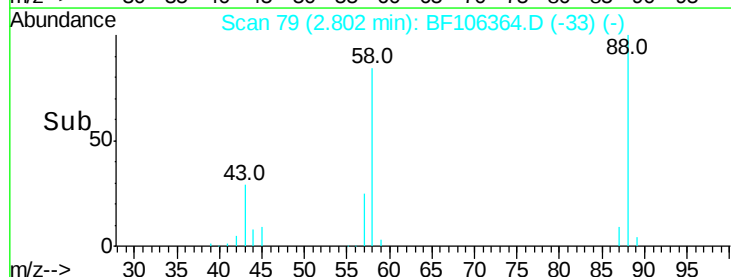
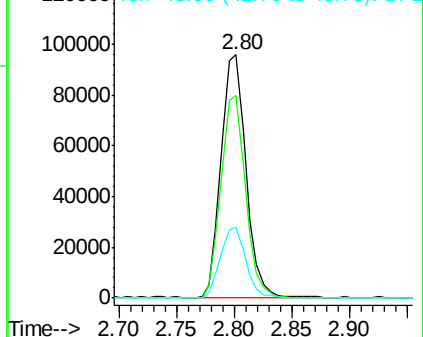
#2

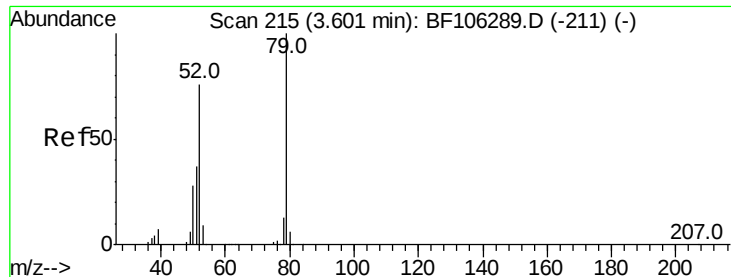
1,4-Dioxane
Concen: 46.271 ng
RT: 2.80 min Scan# 79
Delta R.T. -0.03 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion: 88 Resp: 144999
Ion Ratio Lower Upper
88 100
58 81.6 62.6 93.8
43 29.5 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: 43.195 ng

RT: 3.59 min Scan# 213

Delta R.T. -0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampleId :

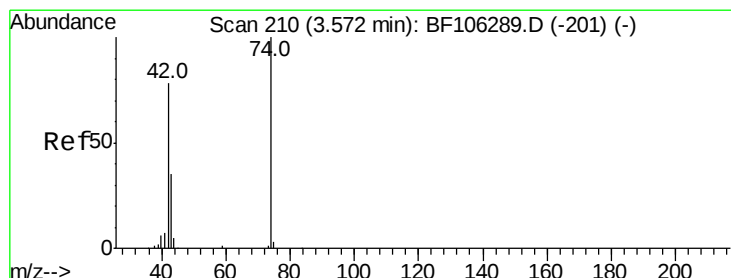
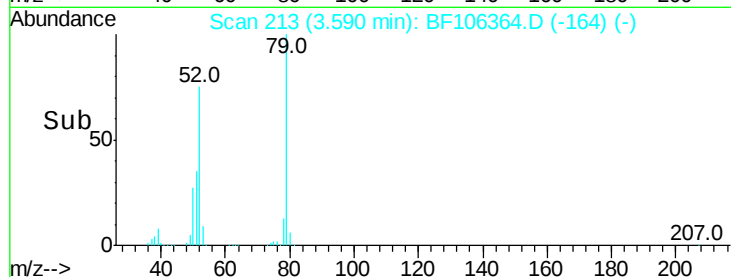
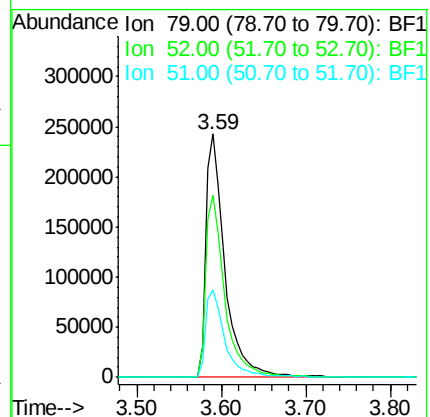
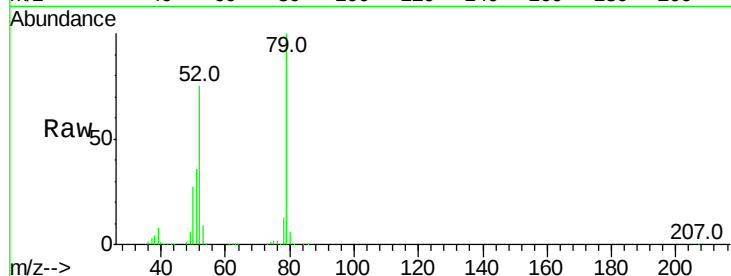
Tot Ion: 79 Resp: 377212

Ion Ratio Lower Upper

79 100

52 74.9 59.8 89.6

51 35.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 41.656 ng

RT: 3.55 min Scan# 206

Delta R.T. -0.02 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

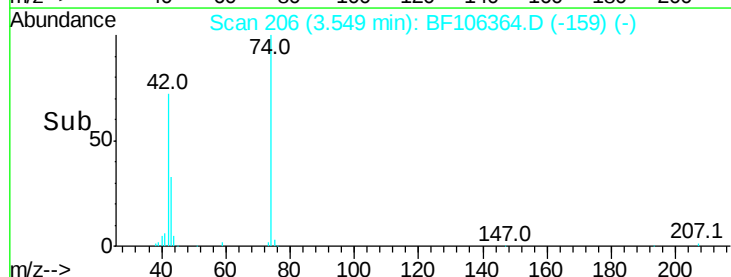
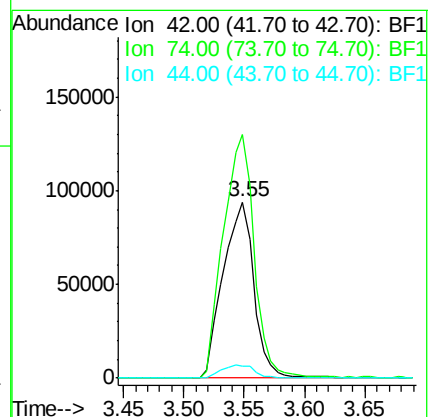
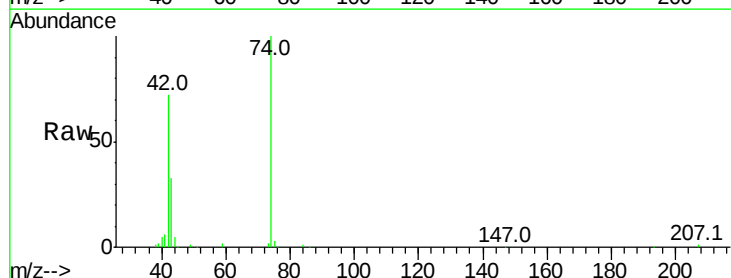
Tgt Ion: 42 Resp: 166646

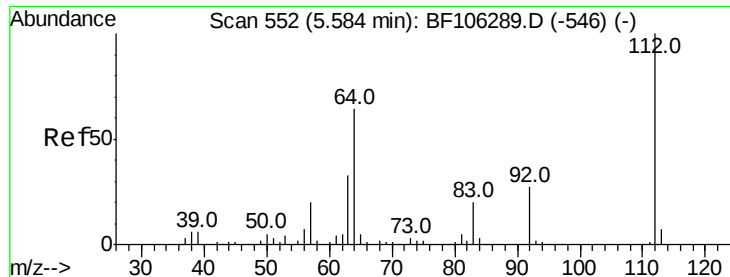
Ion Ratio Lower Upper

42 100

74 138.3 104.9 157.3

44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 95.019 ng

RT: 5.62 min Scan# 559

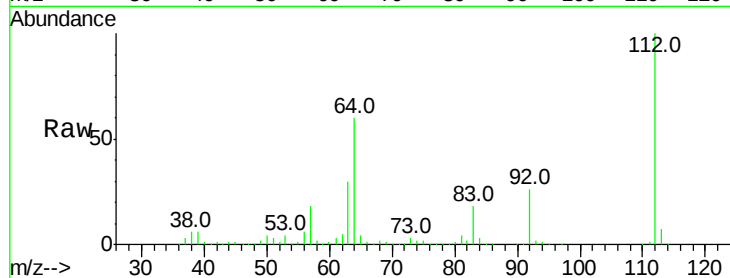
Delta R.T. 0.04 min

Lab File: BF106364.D

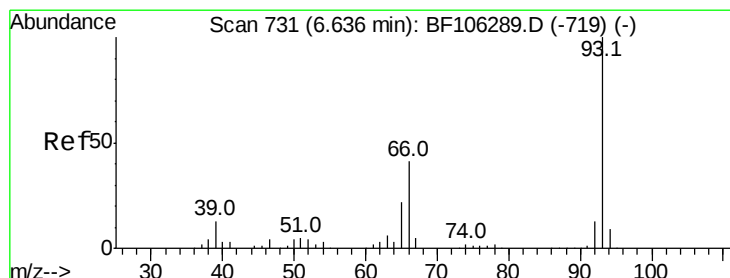
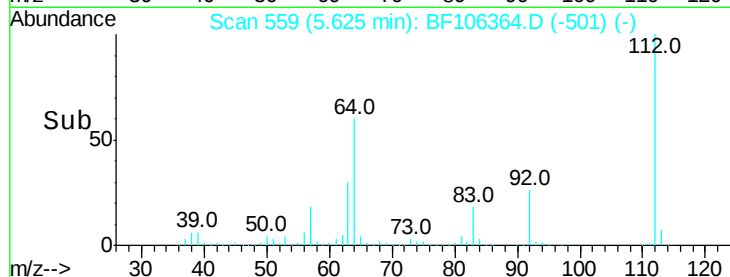
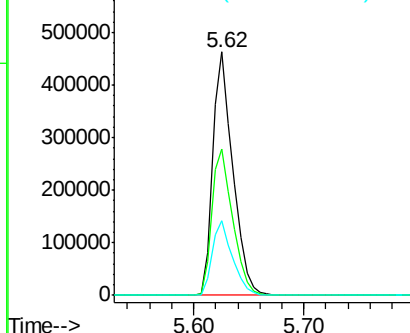
Acq: 13 Jun 2018 00:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	575344
Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	30.5	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: 36.756 ng

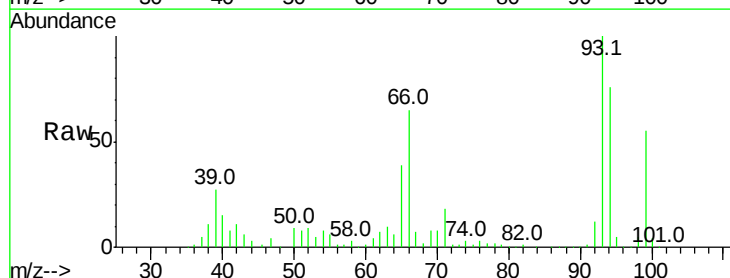
RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

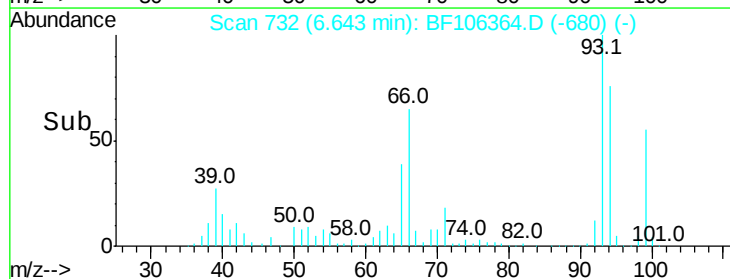
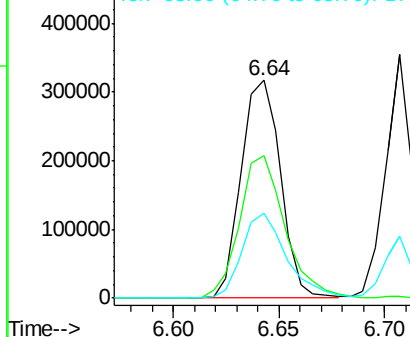
Lab File: BF106364.D

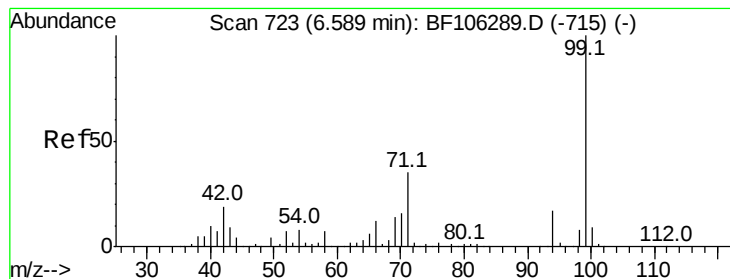
Acq: 13 Jun 2018 00:31

Tgt Ion:	93	Resp:	410589
Ion	Ratio	Lower	Upper
93	100		
66	65.5	32.2	48.2#
65	39.1	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: 84.564 ng

RT: 6.62 min Scan# 729

Delta R.T. 0.04 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampleId :

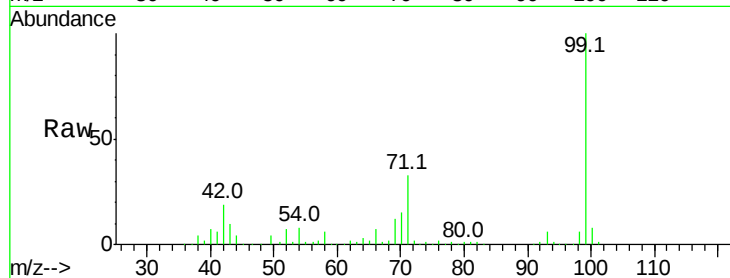
Tot Ion: 99 Resp: 646913

Ion Ratio Lower Upper

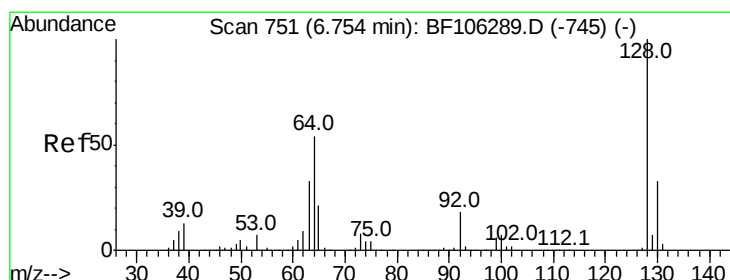
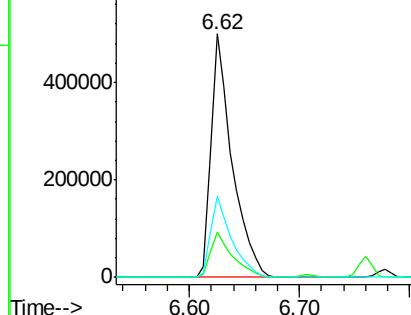
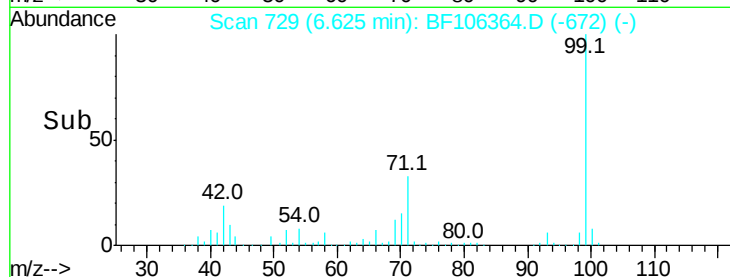
99 100

42 18.7 14.5 21.7

71 33.3 25.4 38.0



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



#8

2-Chlorophenol

Concen: 42.554 ng

RT: 6.78 min Scan# 755

Delta R.T. 0.02 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

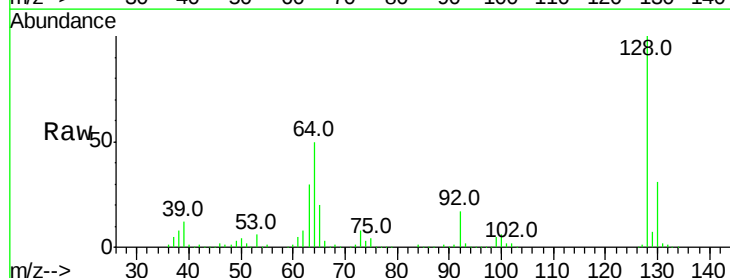
Tgt Ion: 128 Resp: 277087

Ion Ratio Lower Upper

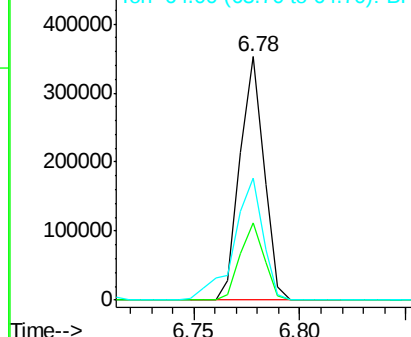
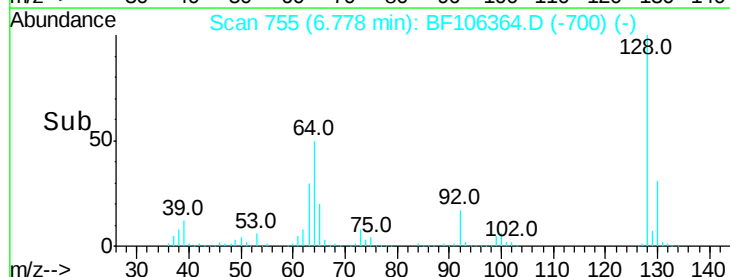
128 100

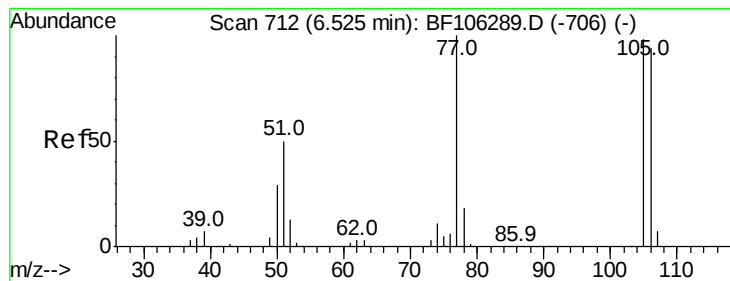
130 31.5 13.0 53.0

64 50.1 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: 39.863 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

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ClientSampleId :

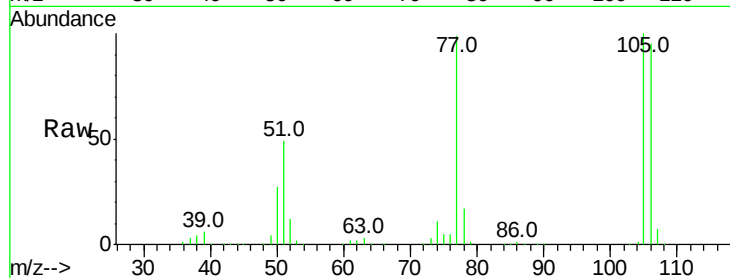
Tot Ion: 77 Resp: 231309

Ion Ratio Lower Upper

77 100

105 100.9 81.1 121.1

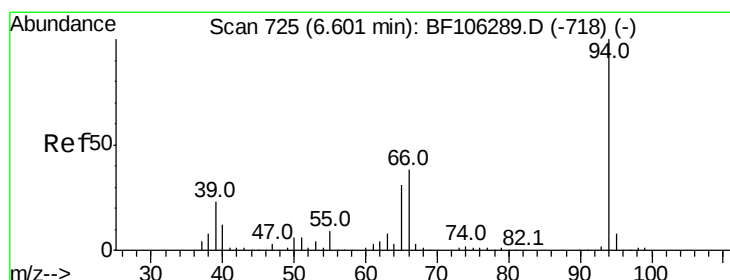
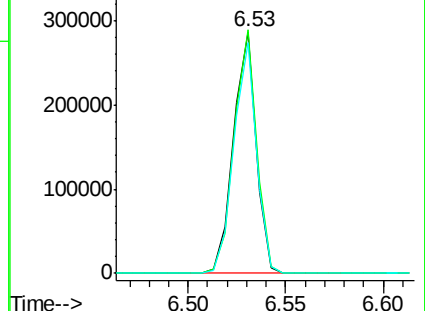
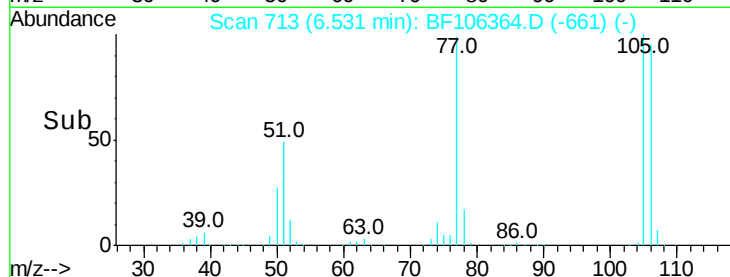
106 95.6 74.5 114.5



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: 44.004 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.04 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

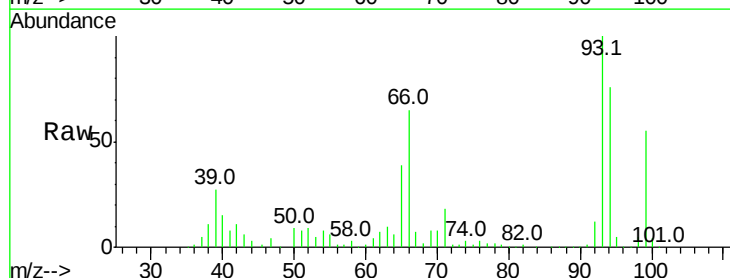
Tgt Ion: 94 Resp: 367495

Ion Ratio Lower Upper

94 100

65 51.4 7.9 47.9#

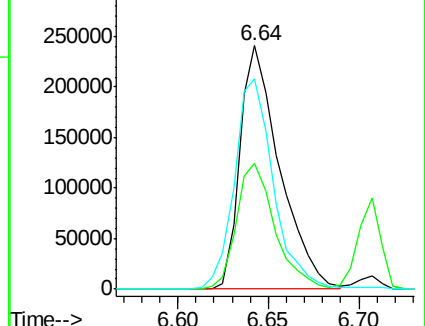
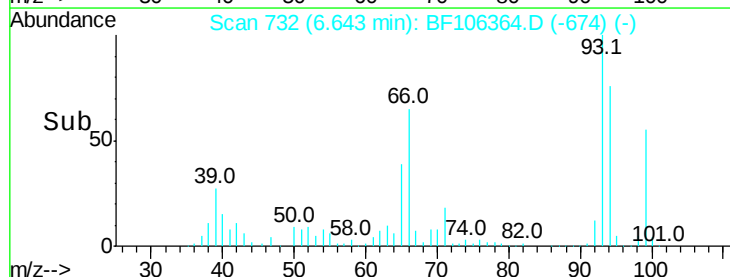
66 86.2 16.2 56.2#

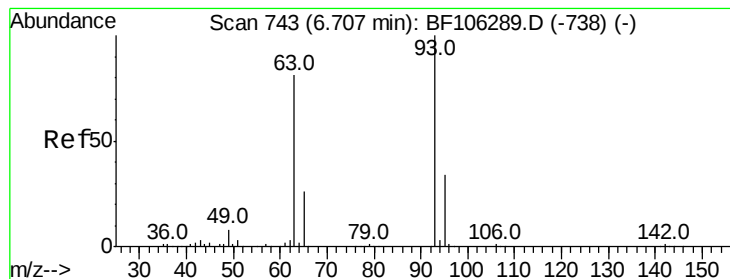


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.987 ng

RT: 6.71 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampleId :

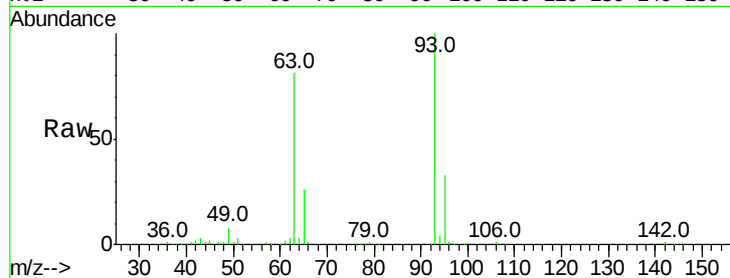
Tot Ion: 93 Resp: 300183

Ion Ratio Lower Upper

93 100

63 81.2 58.6 98.6

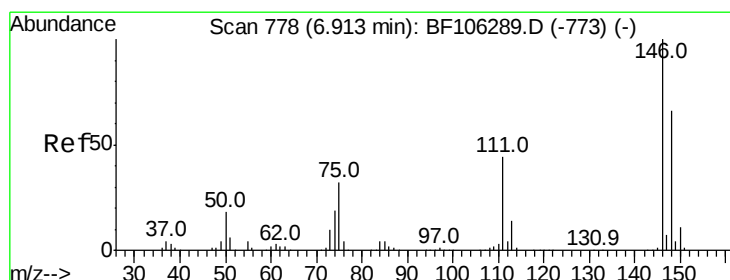
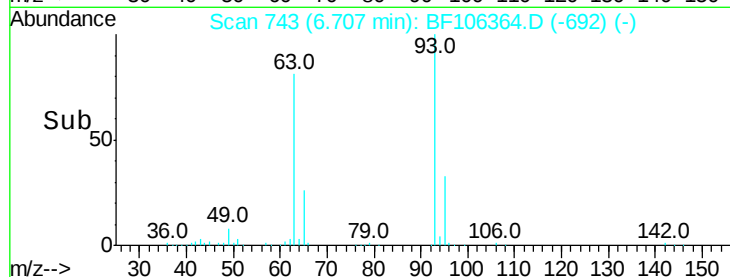
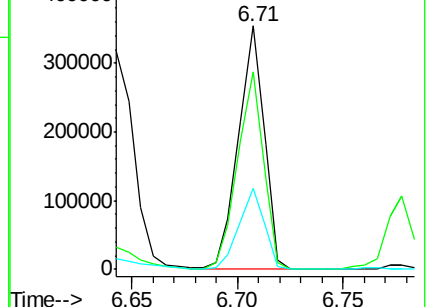
95 33.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 42.546 ng

RT: 6.92 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

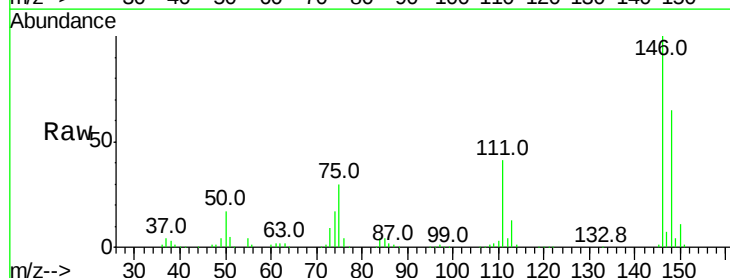
Tgt Ion: 146 Resp: 326063

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

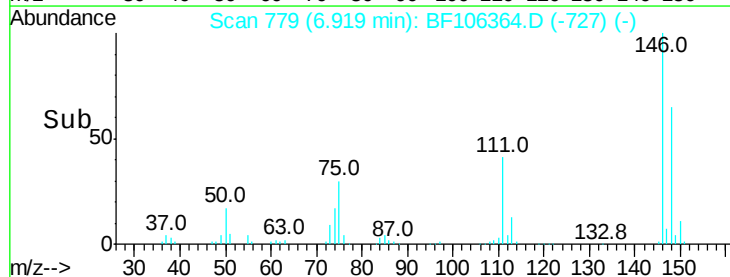
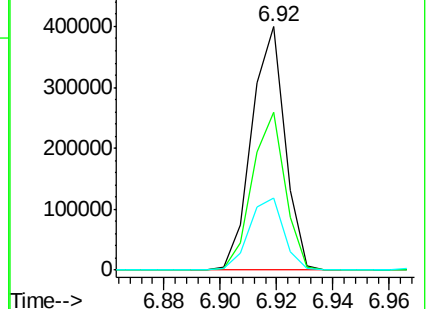
75 29.5 24.2 36.4

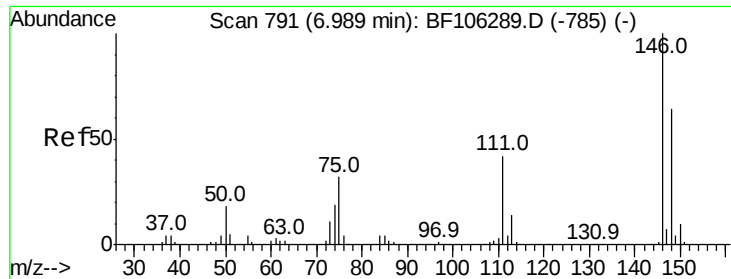


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

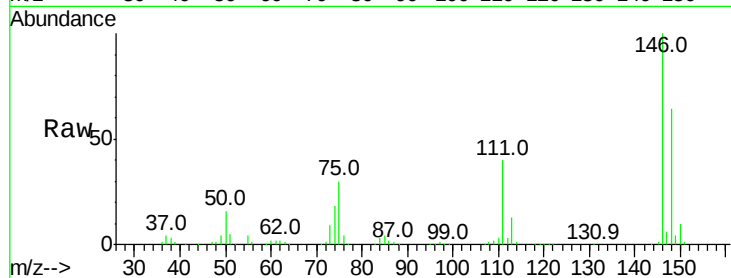




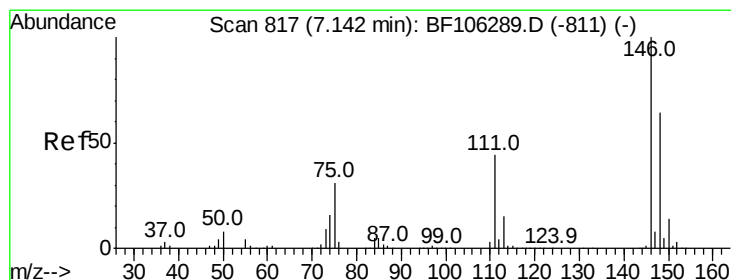
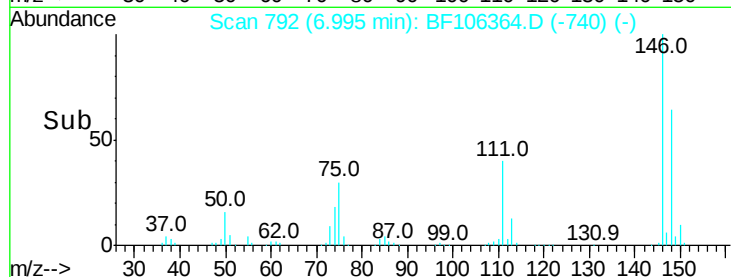
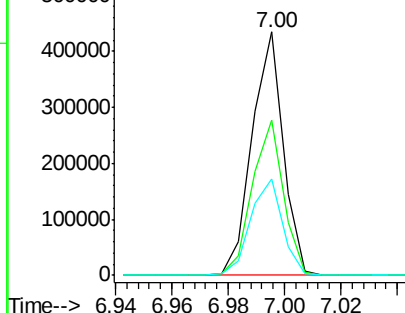
#13
 1,4-Dichlorobenzene
 Concen: 42.759 ng
 RT: 7.00 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF106364.D
 Acq: 13 Jun 2018 00:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	39.6	34.2	51.2

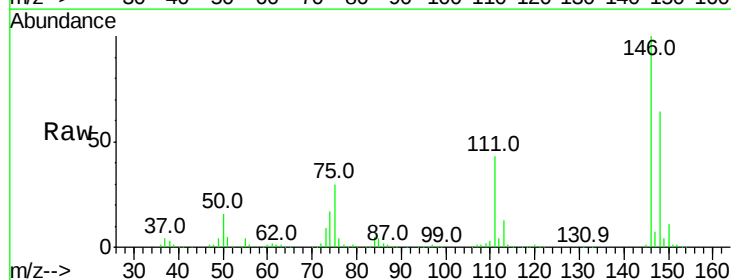


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

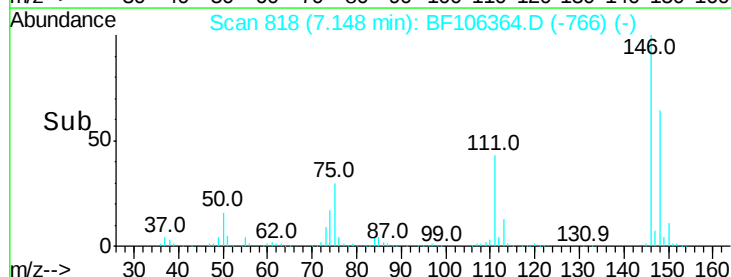
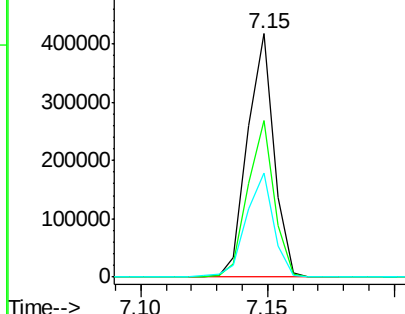


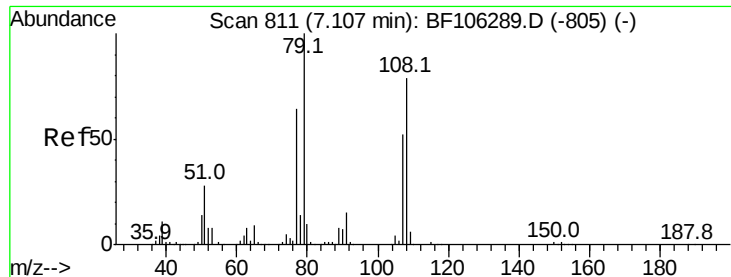
#14
 1,2-Dichlorobenzene
 Concen: 41.243 ng
 RT: 7.15 min Scan# 818
 Delta R.T. 0.01 min
 Lab File: BF106364.D
 Acq: 13 Jun 2018 00:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.6	75.8
111	42.8	36.0	54.0



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





#15

Benzyl Alcohol

Concen: 37.218 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampleId :

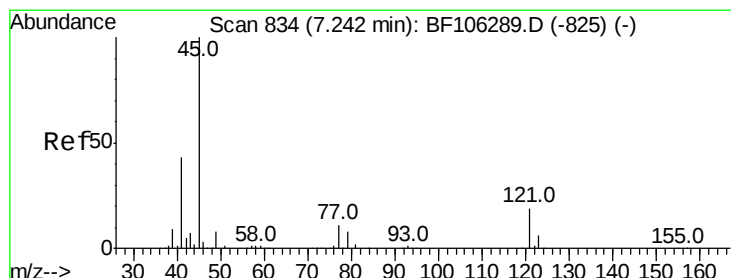
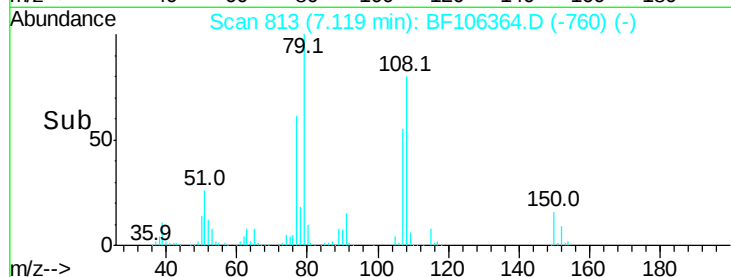
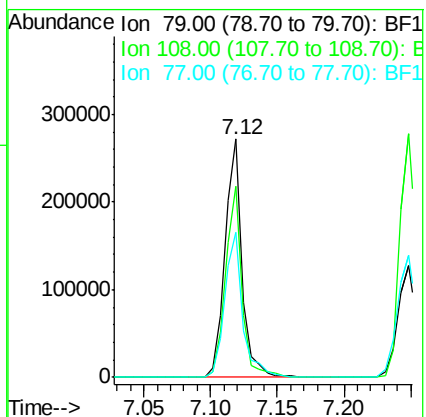
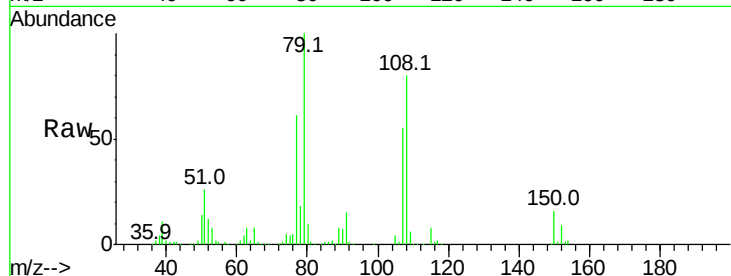
Tot Ion: 79 Resp: 243828

Ion Ratio Lower Upper

79 100

108 80.2 65.1 97.7

77 60.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.793 ng

RT: 7.24 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

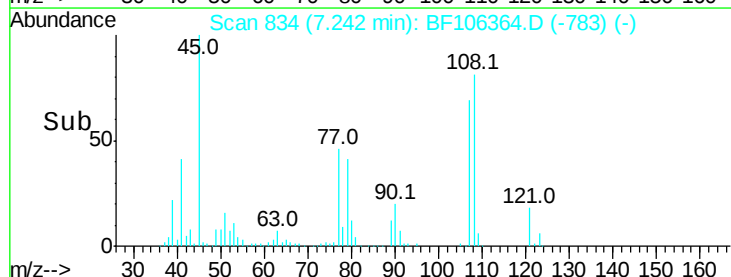
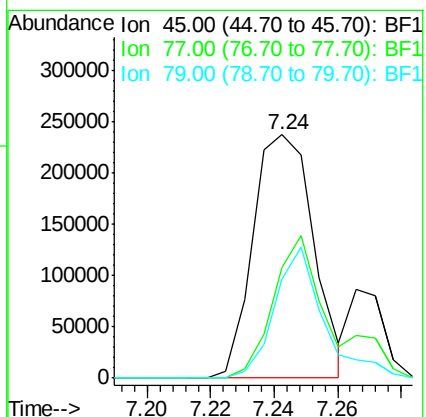
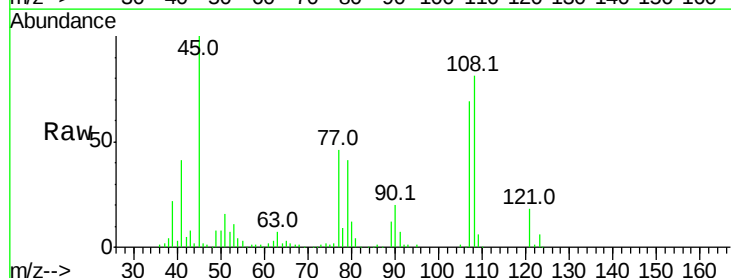
Tgt Ion: 45 Resp: 315579

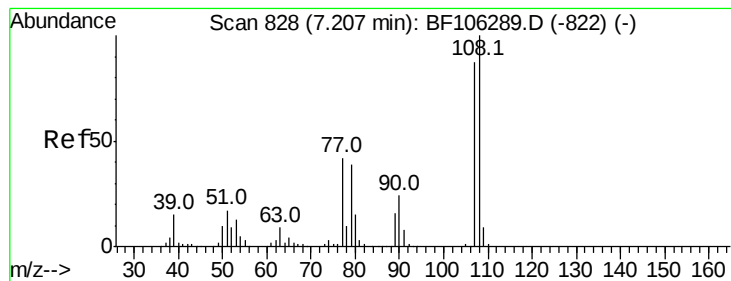
Ion Ratio Lower Upper

45 100

77 45.6 0.0 32.9#

79 40.7 0.0 29.6#

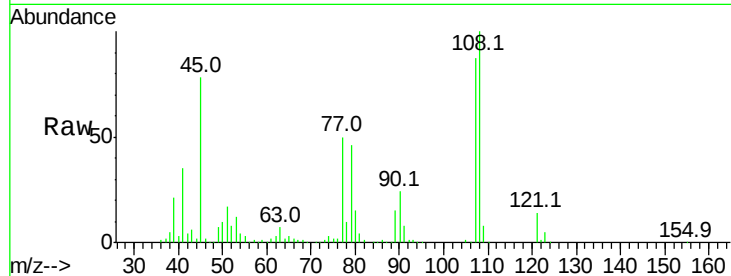




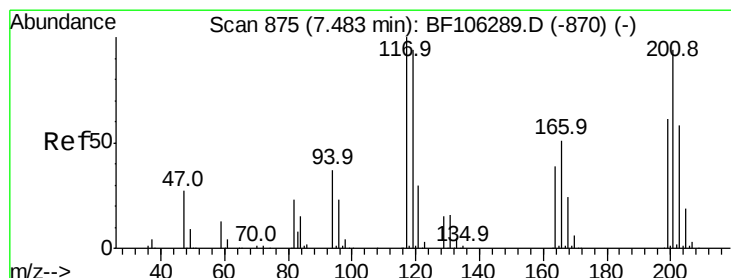
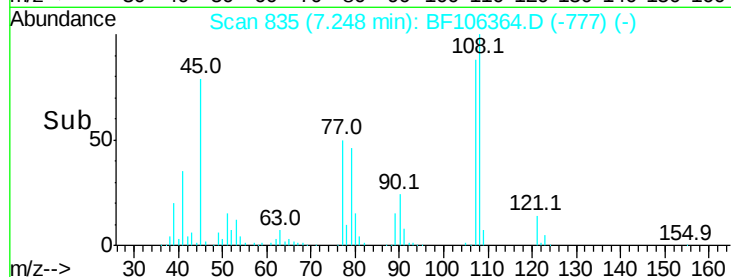
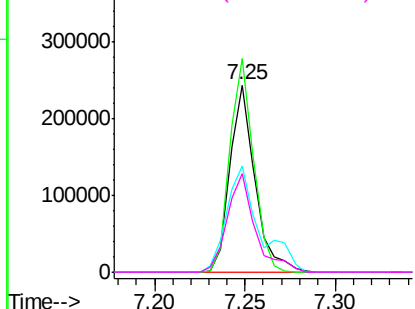
#17
2-Methylphenol
Concen: 40.543 ng
RT: 7.25 min Scan# 835
Delta R.T. 0.04 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 235534
Ion Ratio Lower Upper
107 100
108 114.3 91.7 137.5
77 57.1 33.8 50.8#
79 52.8 33.8 50.8#

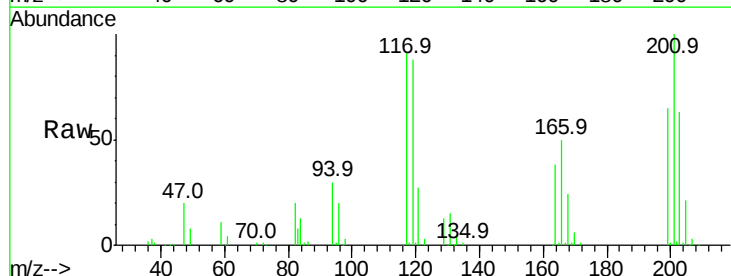


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

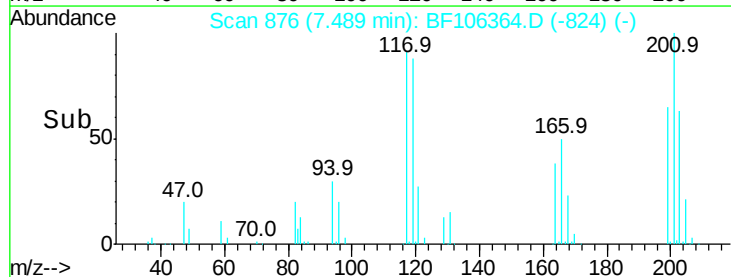
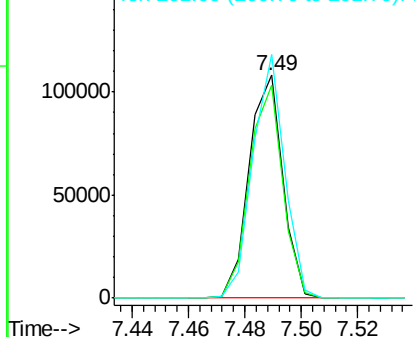


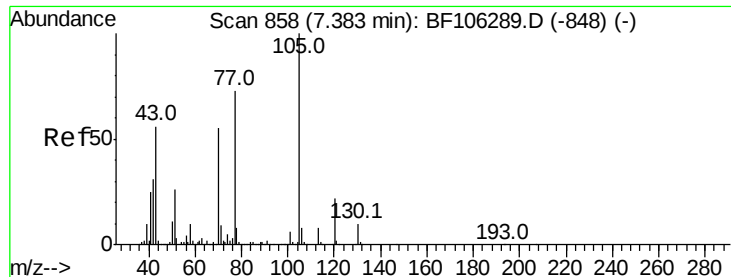
#18
Hexachloroethane
Concen: 32.252 ng
RT: 7.49 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion:117 Resp: 89373
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
201 109.4 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: 36.737 ng

RT: 7.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 210843

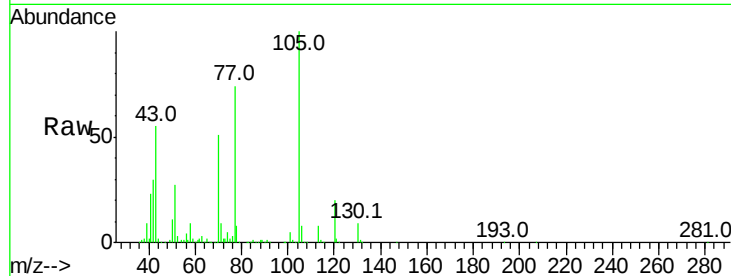
Ion Ratio Lower Upper

70 100

42 58.4 47.5 71.3

101 9.5 7.4 11.2

130 17.9 16.6 25.0

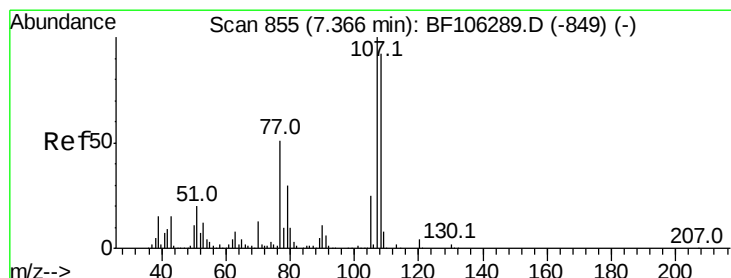
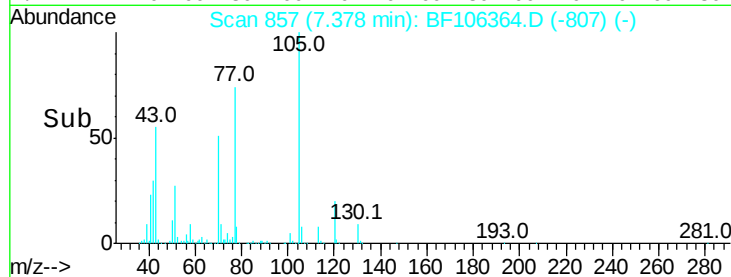
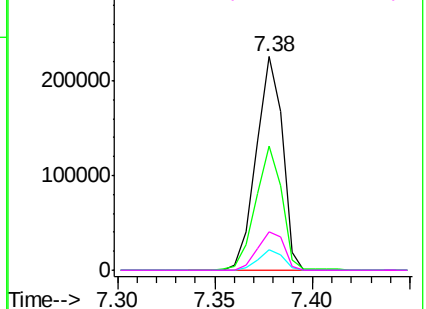


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 41.362 ng

RT: 7.40 min Scan# 861

Delta R.T. 0.04 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Tgt Ion:107 Resp: 307297

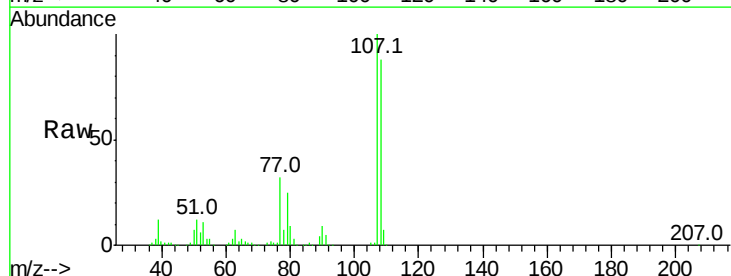
Ion Ratio Lower Upper

107 100

108 87.8 68.2 108.2

77 31.7 26.7 66.7

79 25.3 6.3 46.3

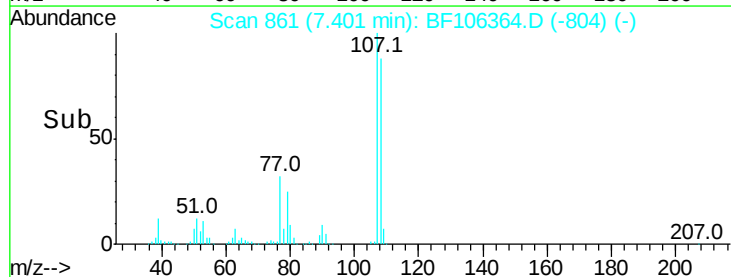
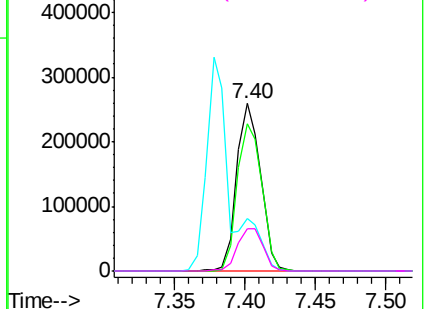


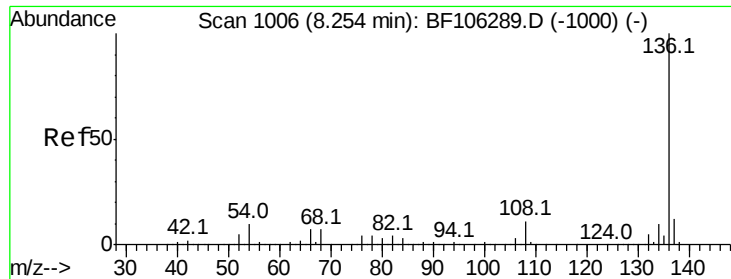
Abundance Ion 107.00 (106.70 to 107.70): BF1

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

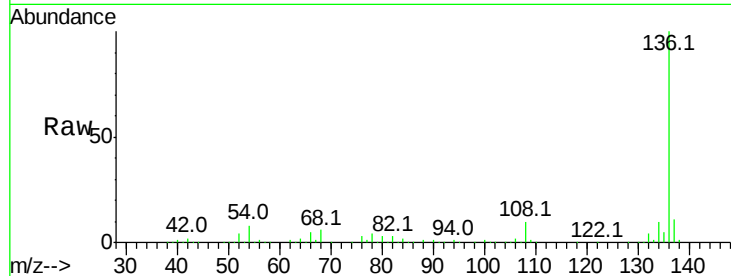




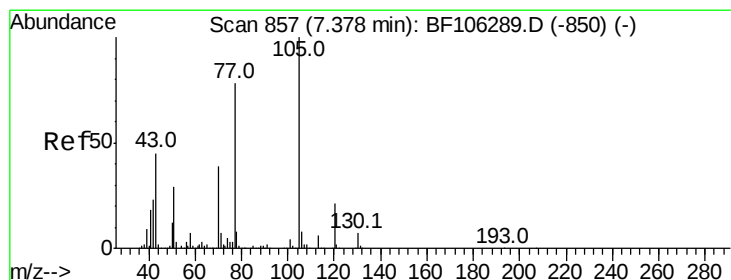
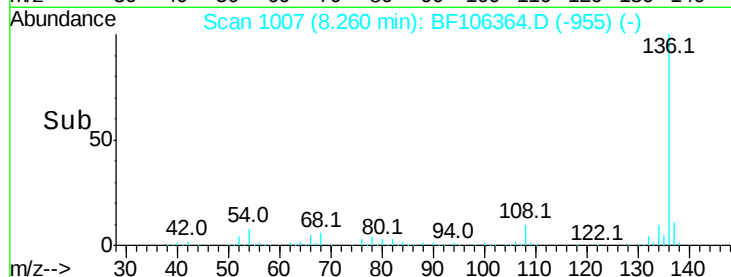
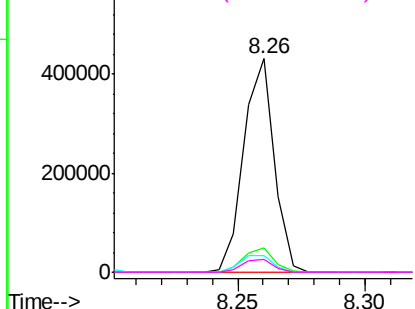
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	359033	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	8.9	13.3	
54 8.1	6.6	9.8	
68 6.0	5.0	7.4	

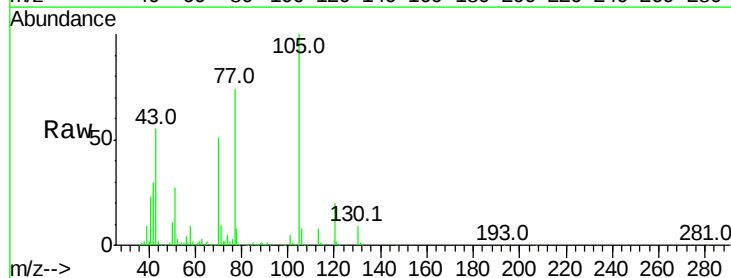


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

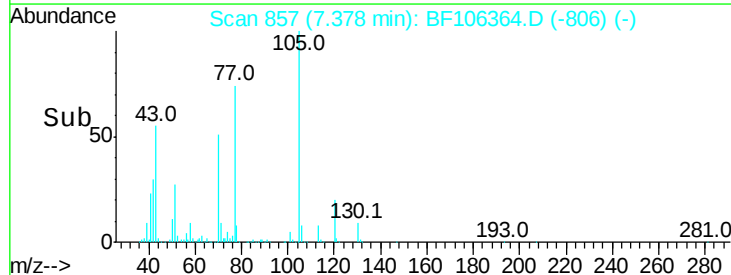
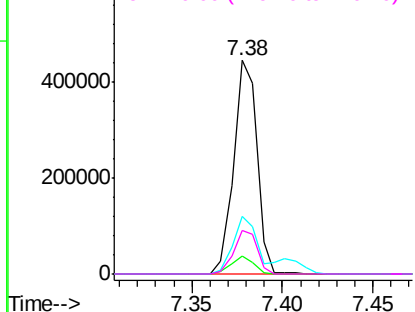


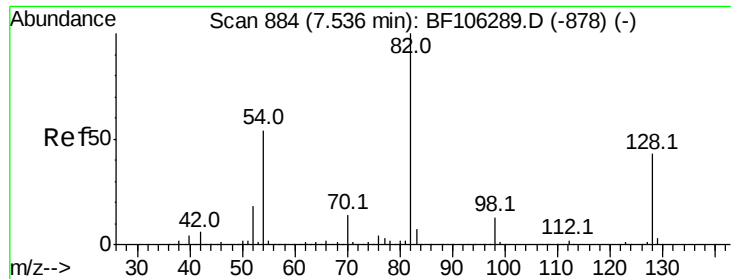
#22
Acetophenone
Concen: 44.117 ng
RT: 7.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt	Ion:105	Resp:	399165
Ion	Ratio	Lower	Upper
105	100		
71	8.5	4.4	6.6#
51	27.1	22.3	33.5
120	20.5	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

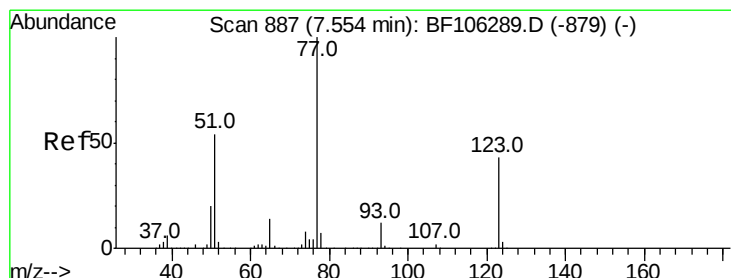
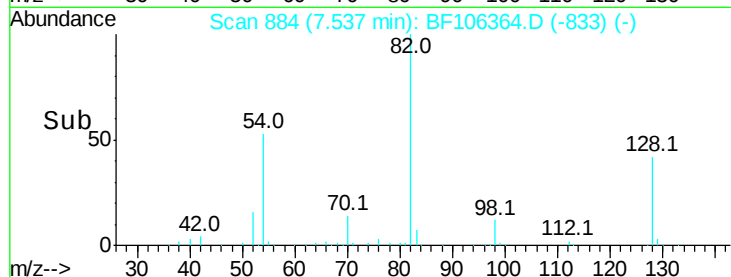
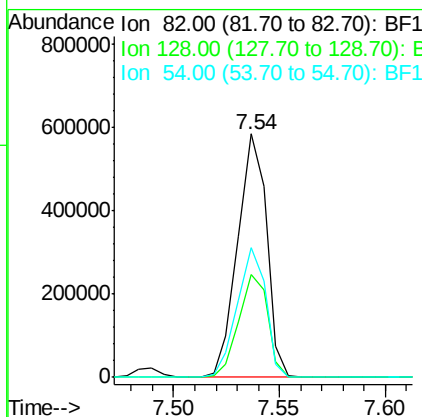
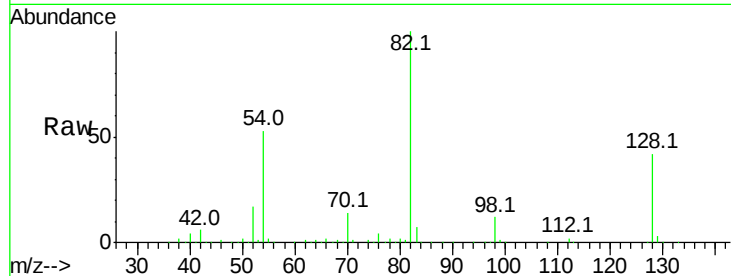




#23
 Nitrobenzene-d5
 Concen: 90.724 ng
 RT: 7.54 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF106364.D
 Acq: 13 Jun 2018 00:31

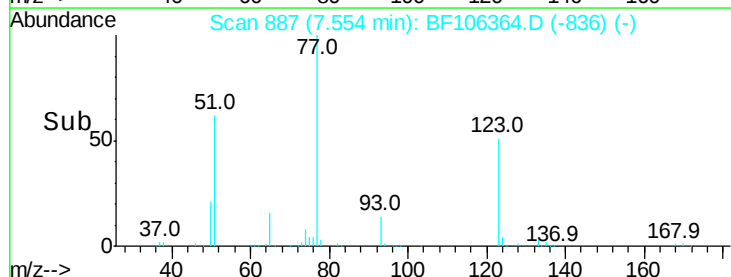
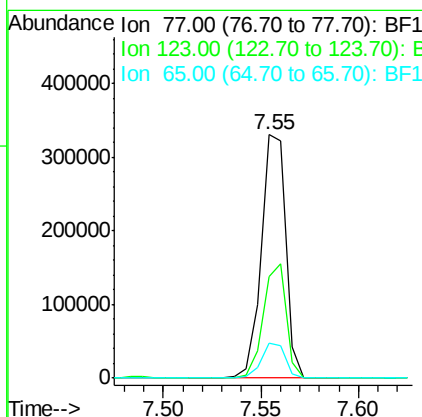
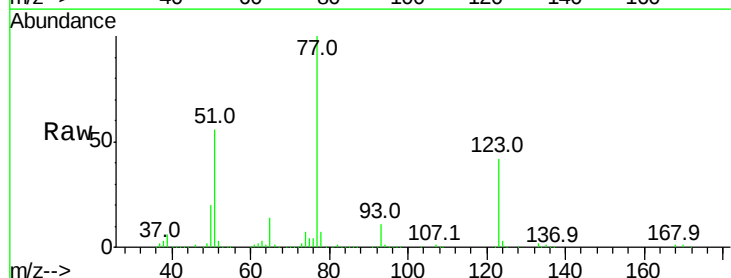
Instrument :
 BNA_F
 ClientSampleId :

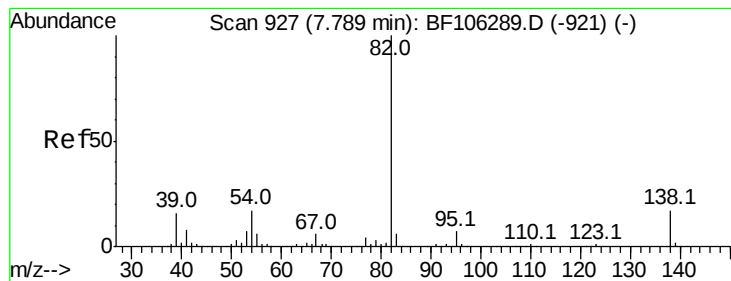
Tot Ion	82	Resp	553693
Ion Ratio	Lower	Upper	
82	100		
128	42.5	36.1	54.1
54	53.0	41.4	62.2



#24
 Nitrobenzene
 Concen: 43.155 ng
 RT: 7.55 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: BF106364.D
 Acq: 13 Jun 2018 00:31

Tgt Ion	77	Resp	286263
Ion Ratio	Lower	Upper	
77	100		
123	41.5	37.9	56.9
65	14.3	11.0	16.4





#25

Isophorone

Concen: 39.213 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampleId :

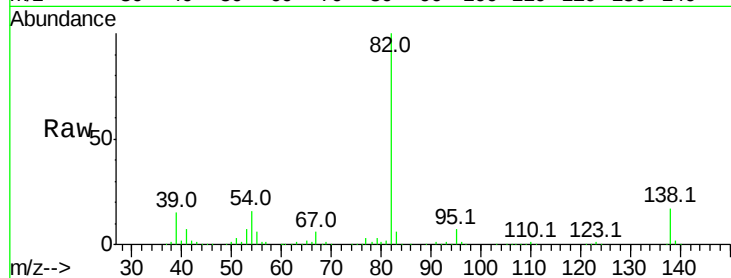
Tot Ion: 82 Resp: 467449

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

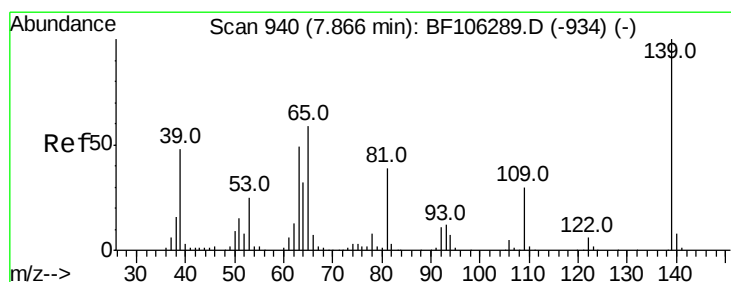
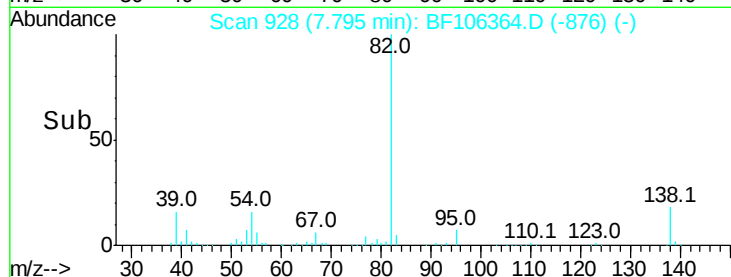
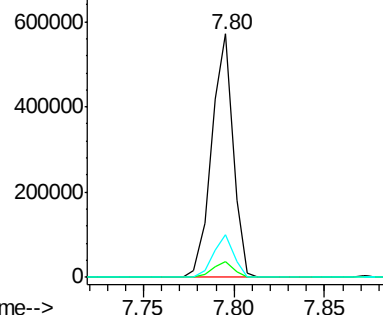
138 17.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.827 ng

RT: 7.87 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

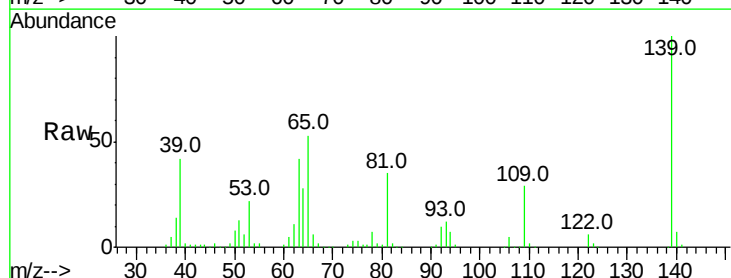
Tgt Ion: 139 Resp: 123142

Ion Ratio Lower Upper

139 100

109 29.0 22.7 34.1

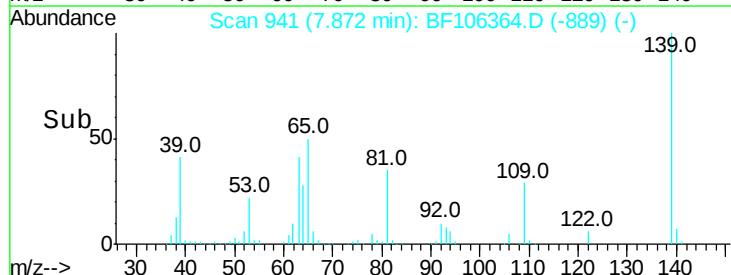
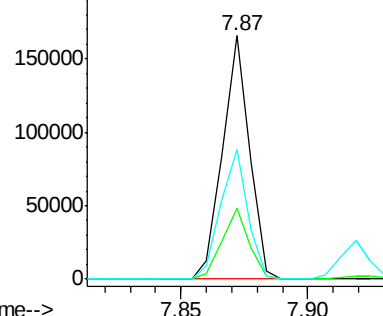
65 53.4 40.5 60.7

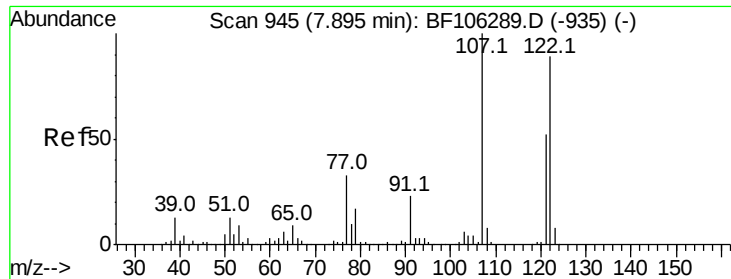


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

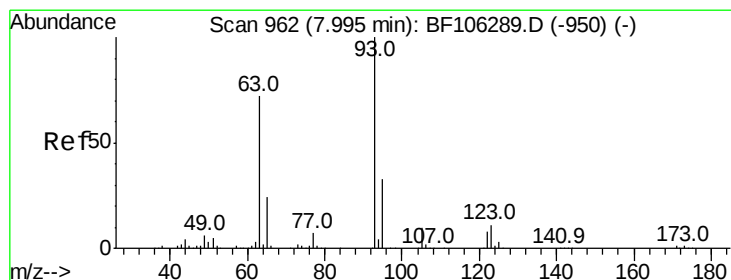
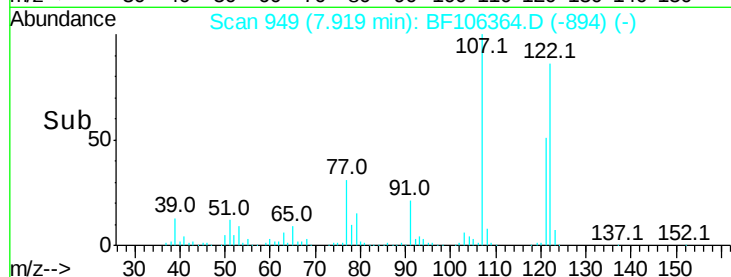
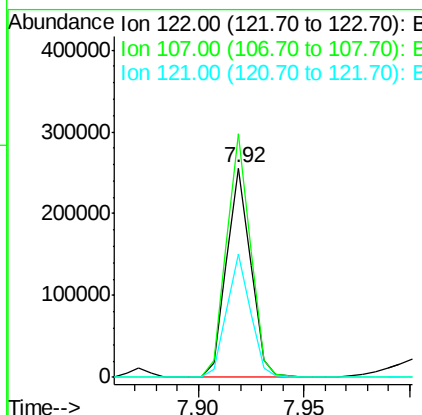
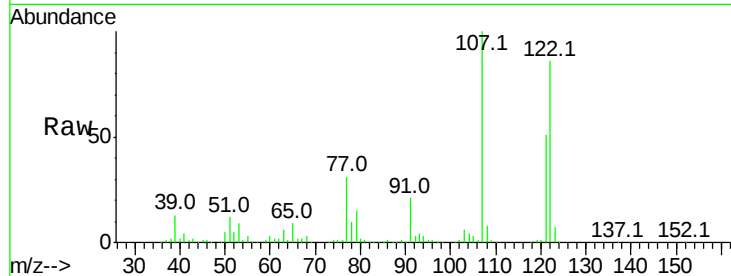




#27
 2,4-Dimethylphenol
 Concen: 40.254 ng
 RT: 7.92 min Scan# 949
 Delta R.T. 0.02 min
 Lab File: BF106364.D
 Acq: 13 Jun 2018 00:31

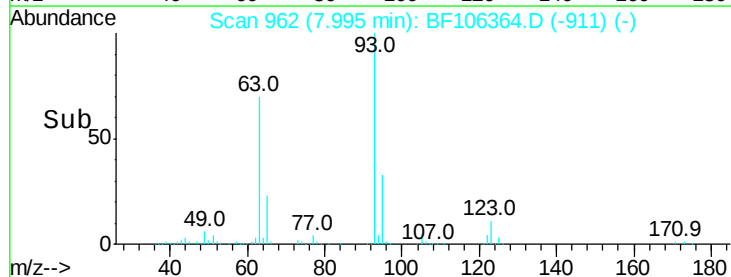
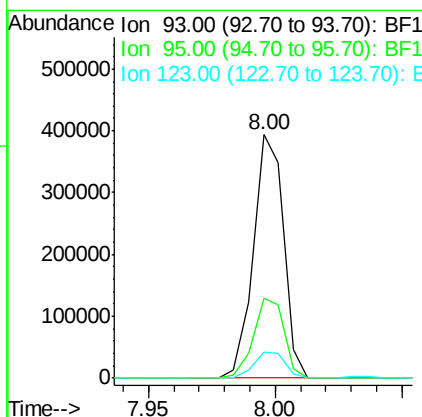
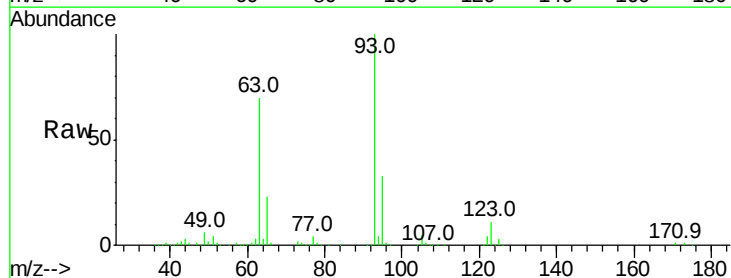
Instrument :
 BNA_F
 ClientSampleId :

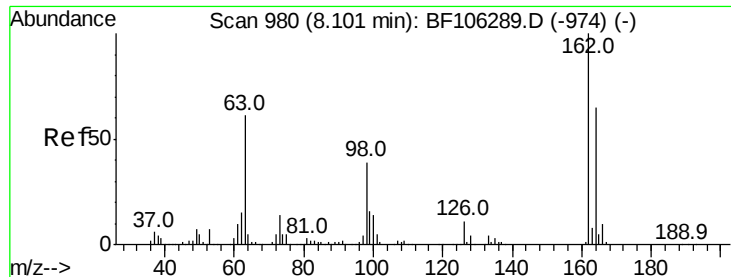
Tot Ion:122 Resp: 203146
 Ion Ratio Lower Upper
 122 100
 107 116.4 91.2 136.8
 121 58.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.283 ng
 RT: 8.00 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF106364.D
 Acq: 13 Jun 2018 00:31

Tgt Ion: 93 Resp: 326825
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 10.5 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 42.131 ng

RT: 8.14 min Scan# 987

Delta R.T. 0.04 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampled :

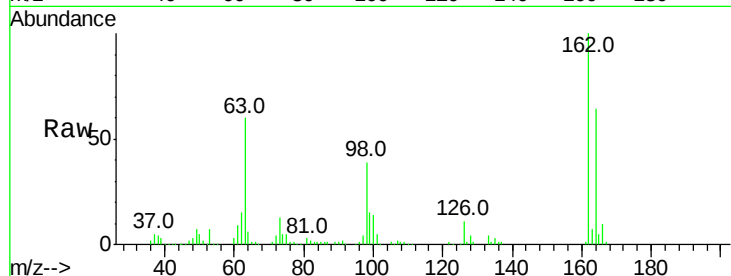
Tot Ion:162 Resp: 205117

Ion Ratio Lower Upper

162 100

164 63.9 42.7 82.7

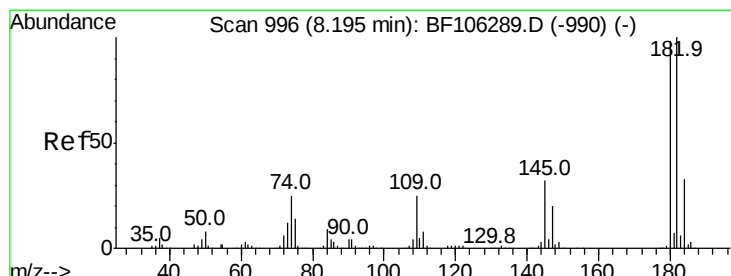
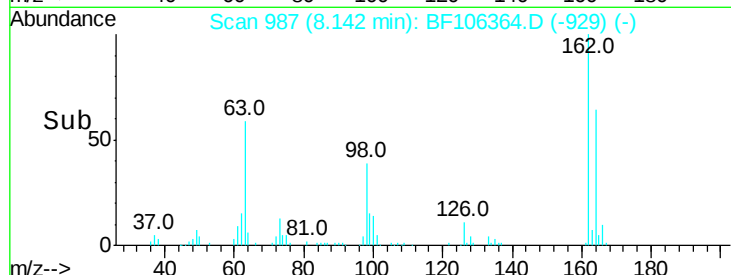
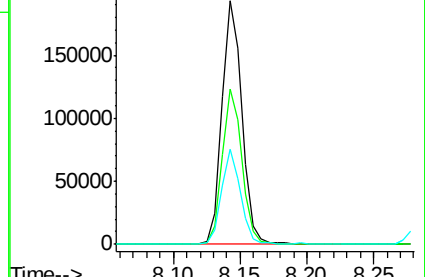
98 38.9 18.1 58.1



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: 41.738 ng

RT: 8.20 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

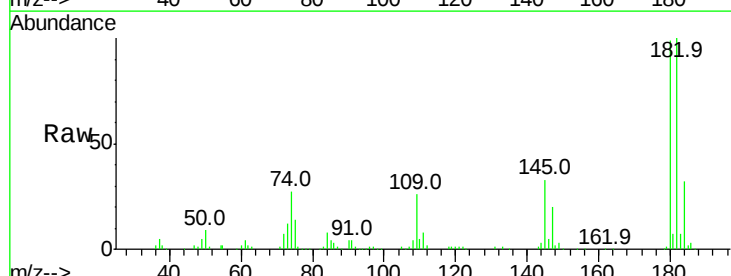
Tgt Ion:180 Resp: 227847

Ion Ratio Lower Upper

180 100

182 101.0 76.8 115.2

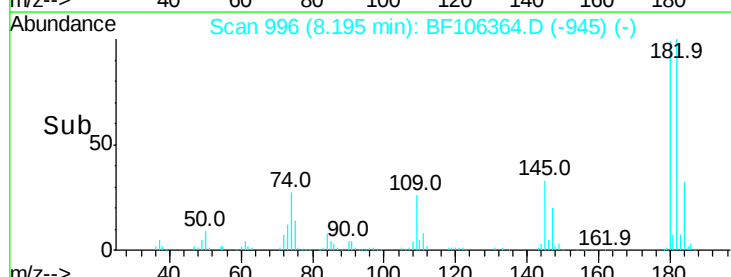
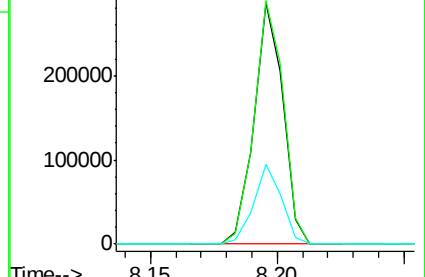
145 33.2 26.5 39.7

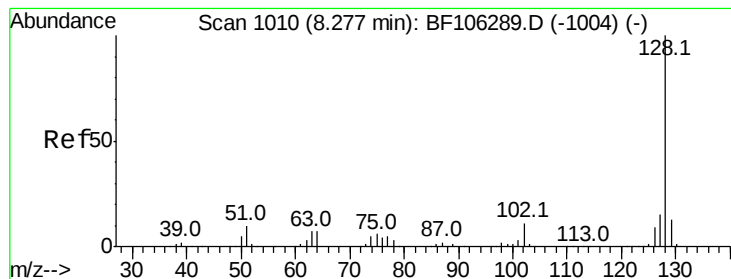


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.536 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampleId :

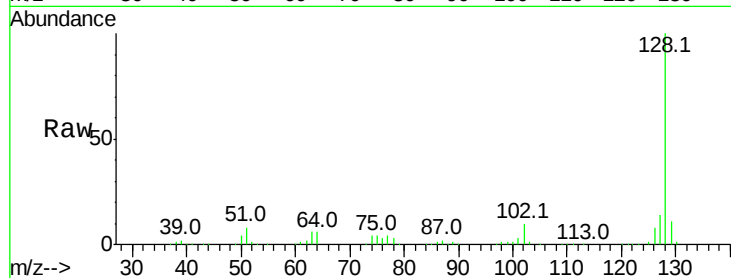
Tot Ion:128 Resp: 690373

Ion Ratio Lower Upper

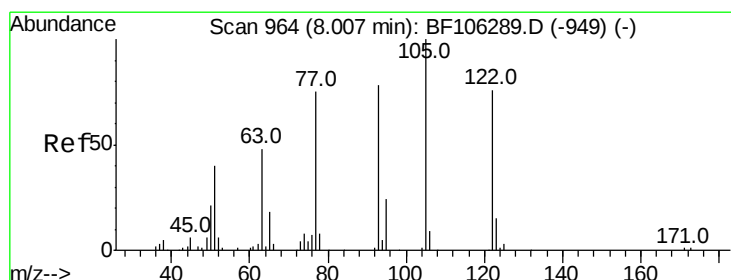
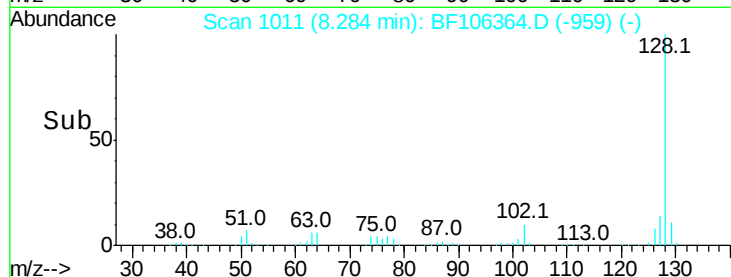
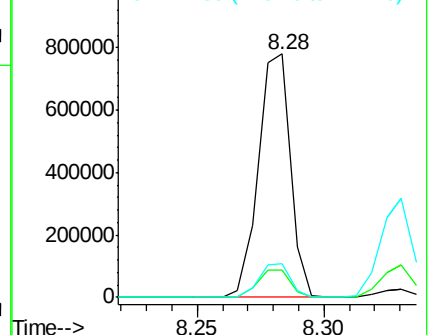
128 100

129 11.3 8.8 13.2

127 13.6 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: 14.758 ng

RT: 8.01 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

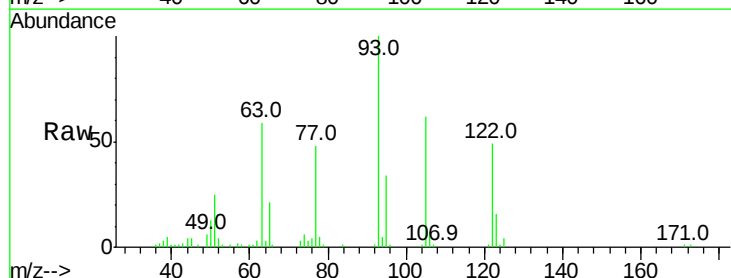
Tgt Ion:122 Resp: 32780

Ion Ratio Lower Upper

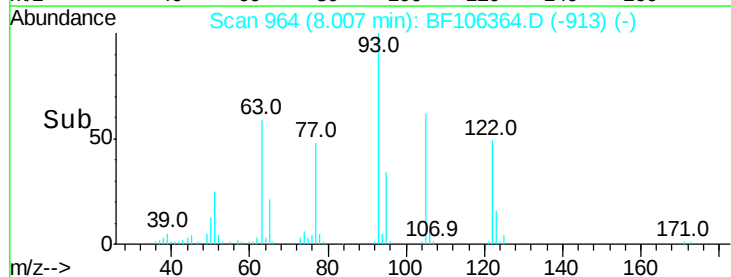
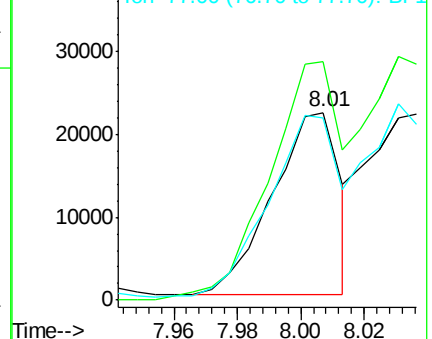
122 100

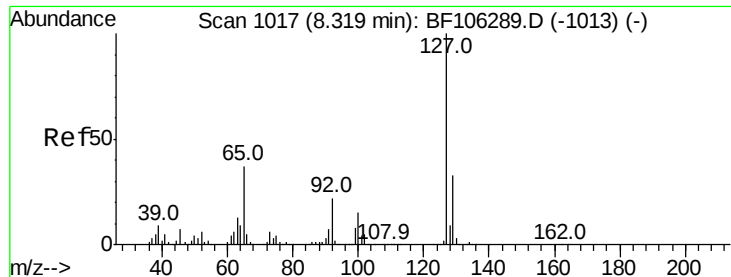
105 127.1 101.1 141.1

77 97.4 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

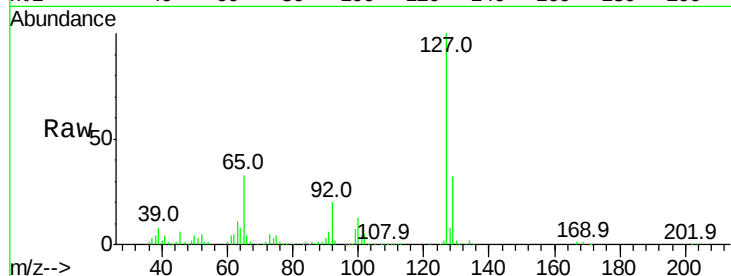




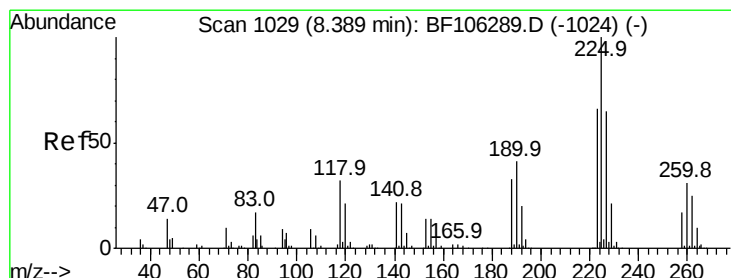
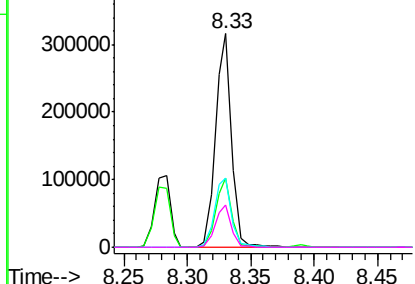
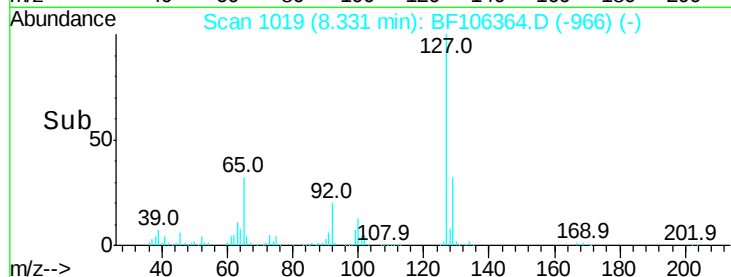
#33
4-Chloroaniline
Concen: 39.150 ng
RT: 8.33 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	281592
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	32.7	25.0	37.4
92	19.6	15.2	22.8

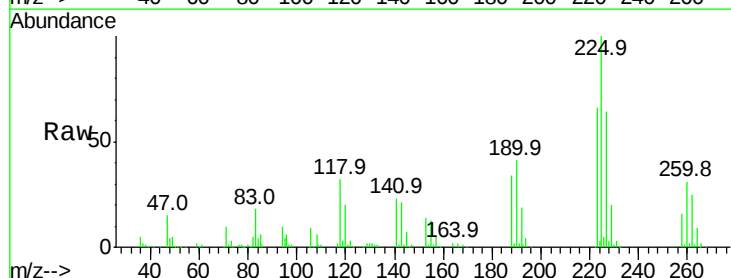


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

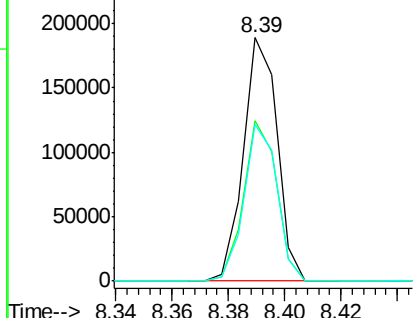
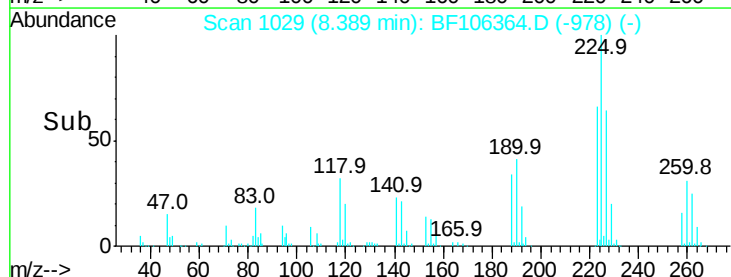


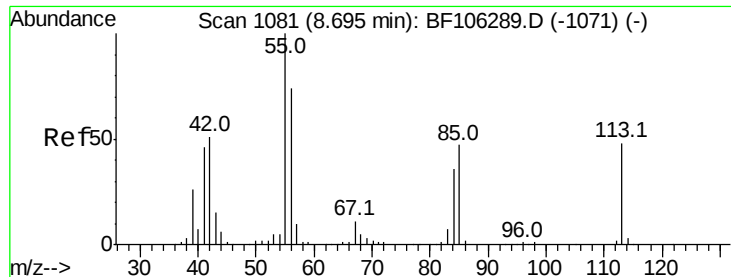
#34
Hexachlorobutadiene
Concen: 44.656 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion:	225	Resp:	156613
Ion	Ratio	Lower	Upper
225	100		
223	66.1	50.6	76.0
227	64.3	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

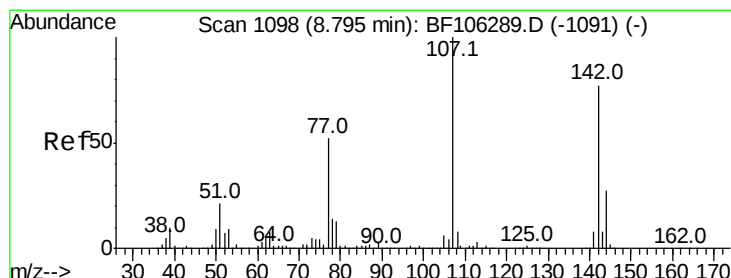
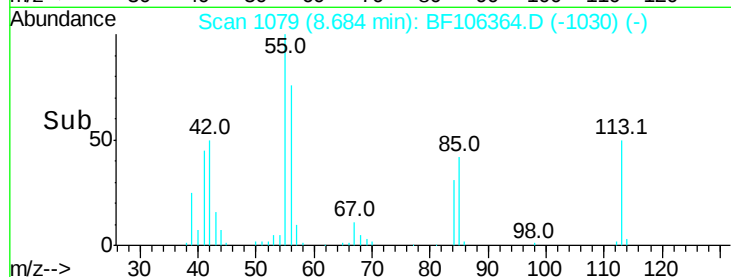
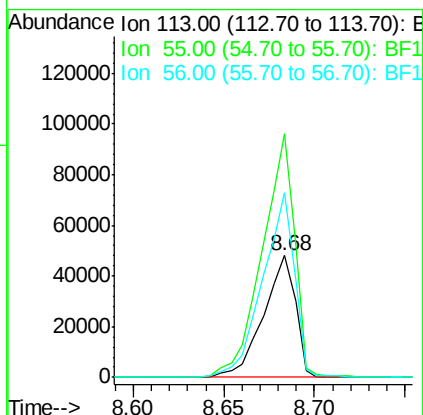
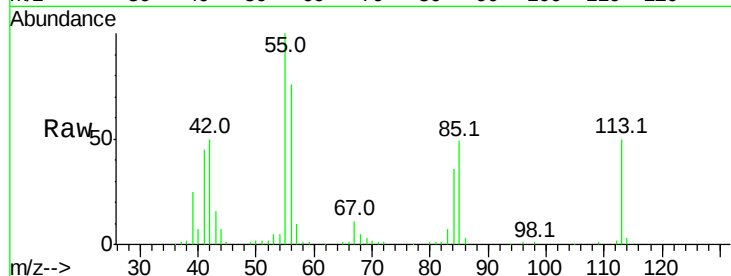




#35
 Caprolactam
 Concen: 36.041 ng
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF106364.D
 Acq: 13 Jun 2018 00:31

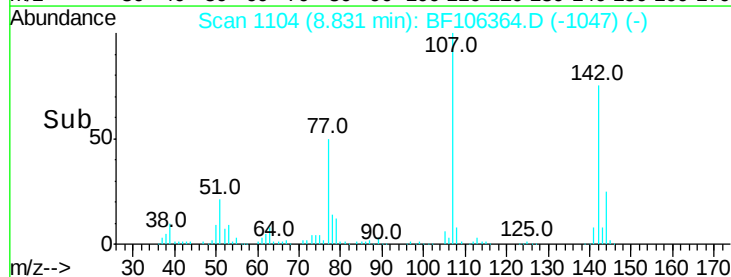
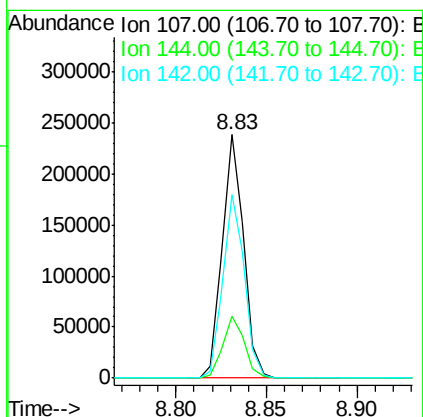
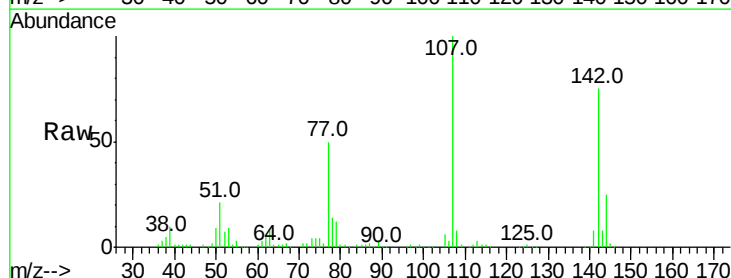
Instrument :
 BNA_F
 ClientSampleId :

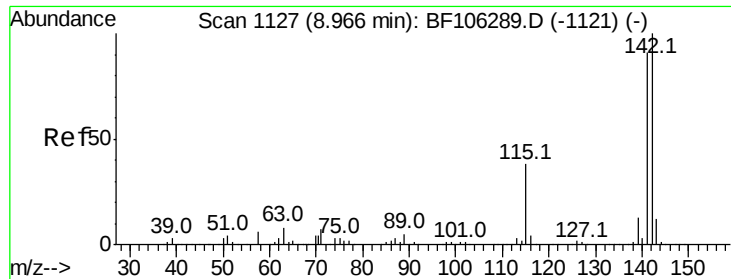
Tot Ion:113 Resp: 59352
 Ion Ratio Lower Upper
 113 100
 55 199.8 163.3 203.3
 56 152.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.345 ng
 RT: 8.83 min Scan# 1104
 Delta R.T. 0.04 min
 Lab File: BF106364.D
 Acq: 13 Jun 2018 00:31

Tgt Ion:107 Resp: 195735
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.5 30.7
 142 75.1 62.0 93.0

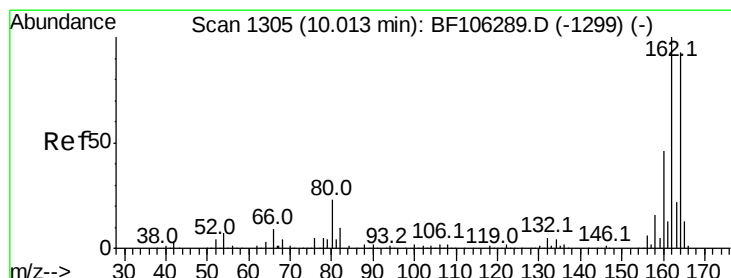
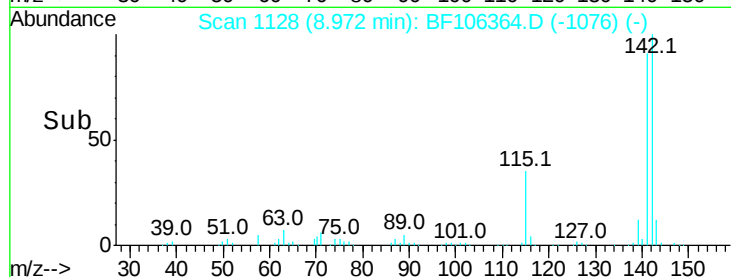
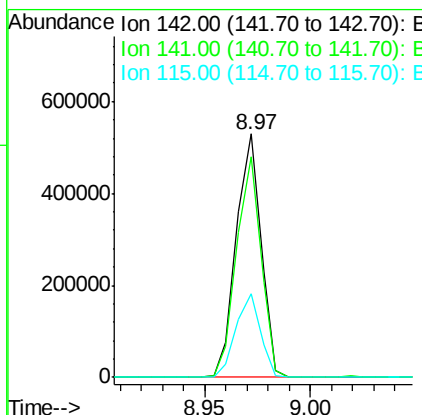
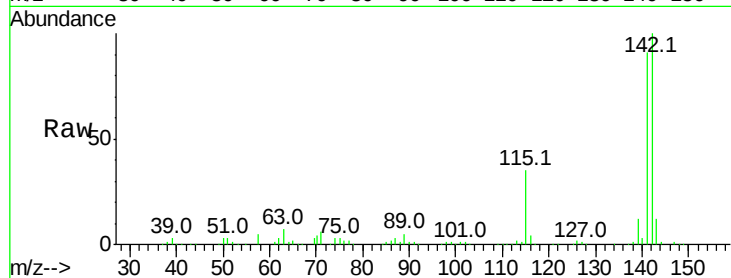




#37
2-Methylnaphthalene
Concen: 38.895 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

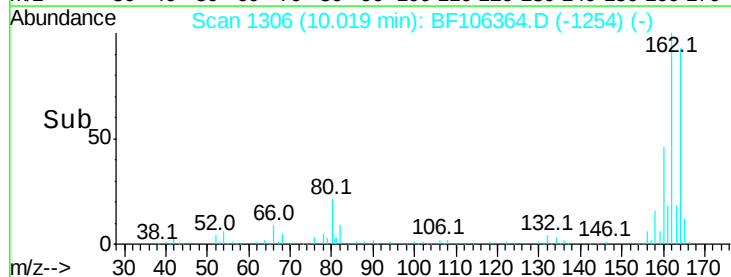
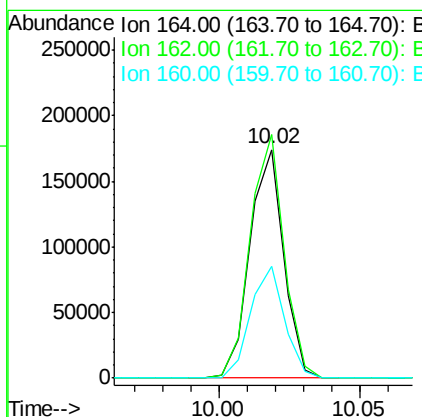
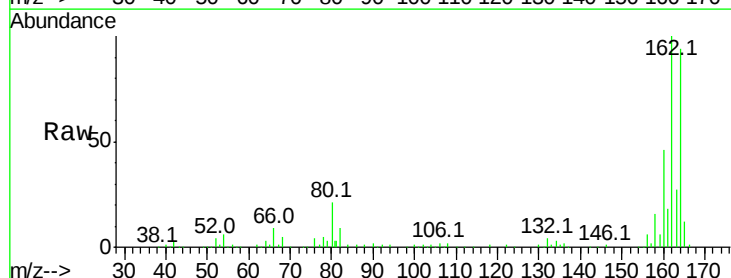
Instrument :
BNA_F
ClientSampleId :

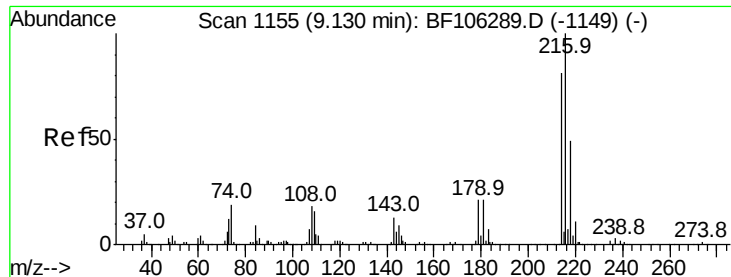
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
115	34.6	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	86.1	129.1
160	49.2	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.517 ng

RT: 9.14 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 218528

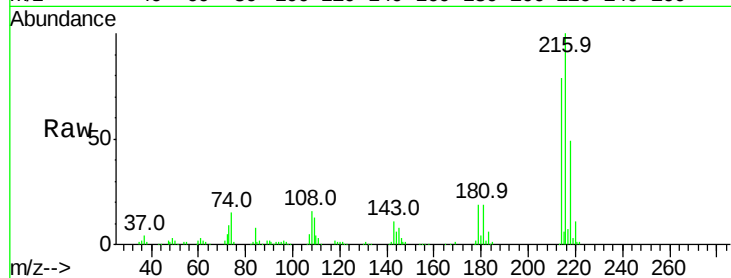
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 19.6 18.1 27.1

108 16.5 17.2 25.8#

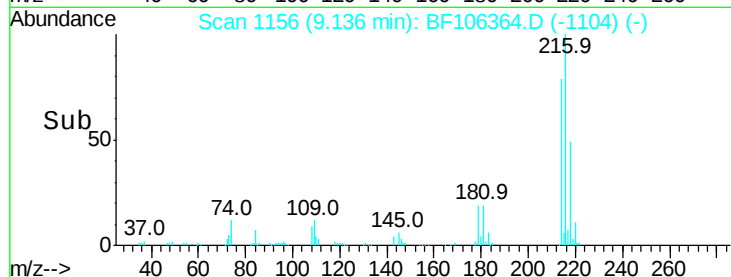


Abundance Ion 216.00 (215.70 to 216.70): E

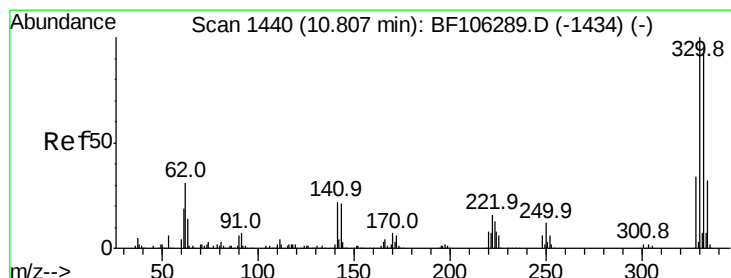
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 97.092 ng

RT: 10.81 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

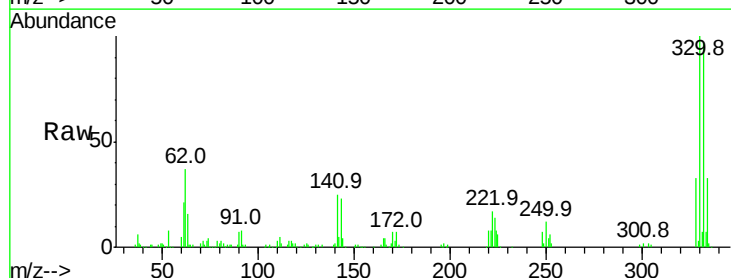
Tgt Ion:330 Resp: 135192

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

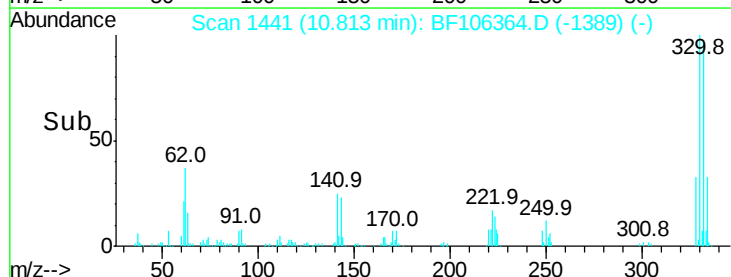
141 31.2 29.9 44.9



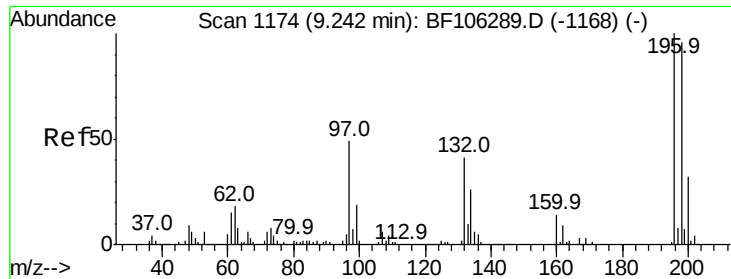
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



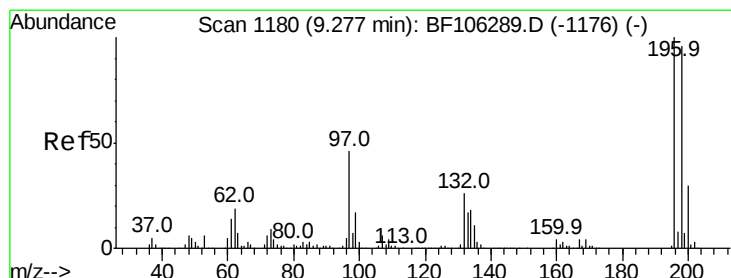
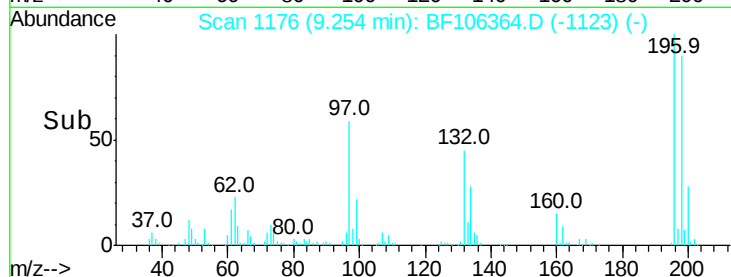
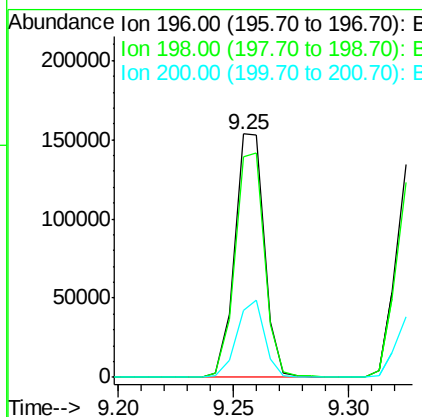
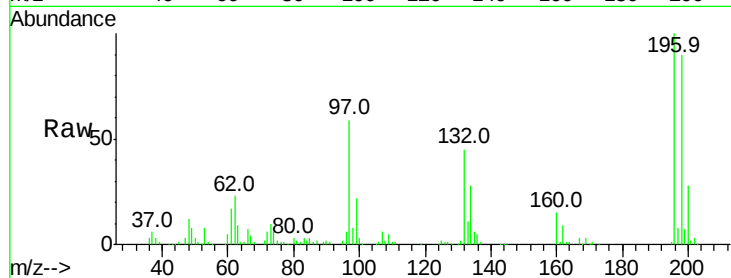
Time-->



#42
 2,4,6-Trichlorophenol
 Concen: 45.985 ng
 RT: 9.25 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF106364.D
 Acq: 13 Jun 2018 00:31

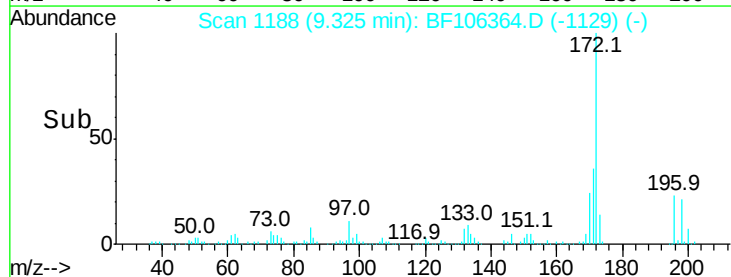
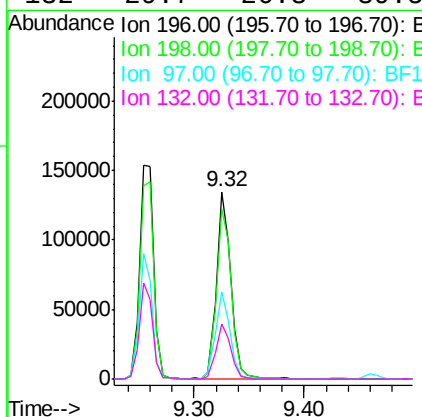
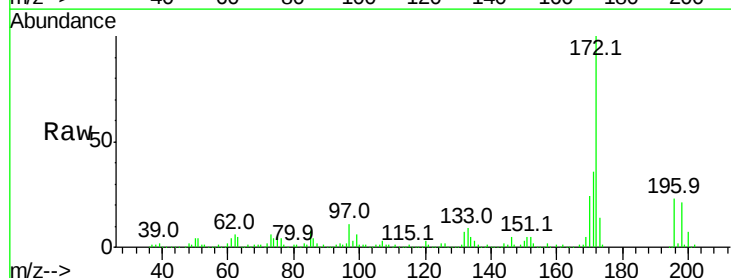
Instrument :
 BNA_F
 ClientSampled :

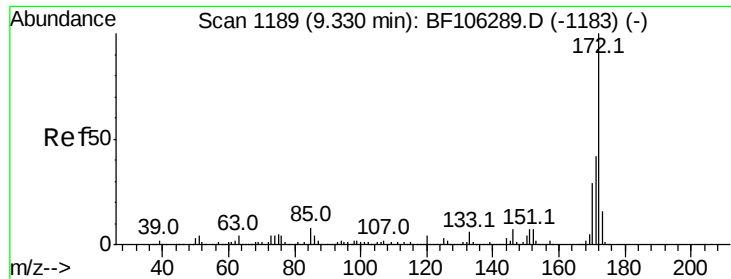
Tot Ion:196 Resp: 137671
 Ion Ratio Lower Upper
 196 100
 198 90.5 75.7 113.5
 200 27.6 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 37.952 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. 0.05 min
 Lab File: BF106364.D
 Acq: 13 Jun 2018 00:31

Tgt Ion:196 Resp: 122489
 Ion Ratio Lower Upper
 196 100
 198 91.3 74.6 112.0
 97 46.3 42.9 64.3
 132 29.7 26.3 39.5

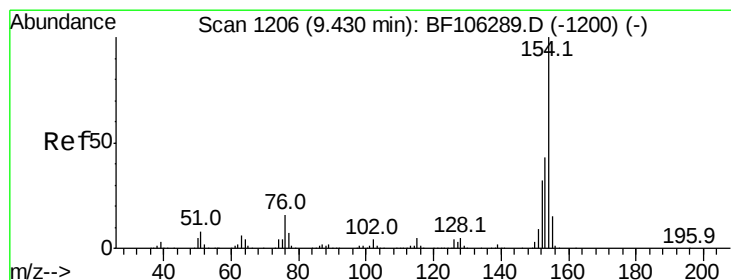
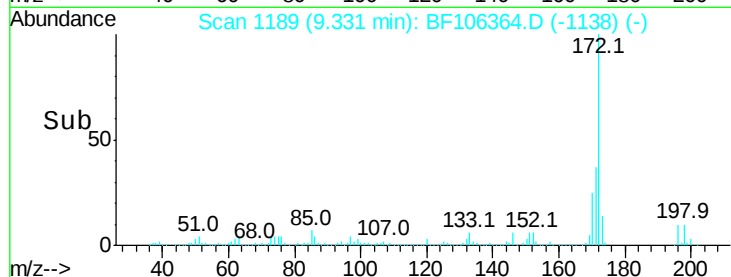
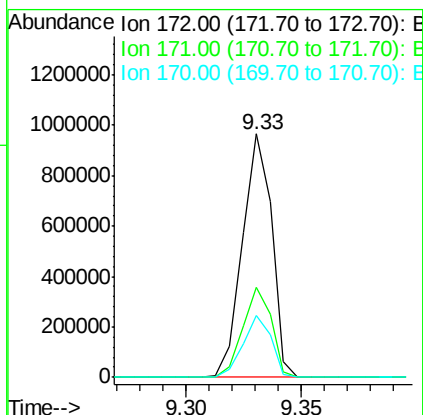
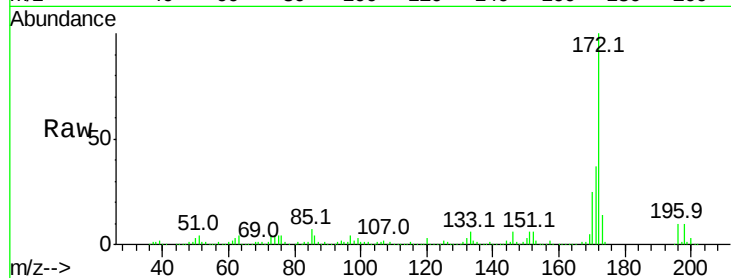




#44
2-Fluorobiphenyl
Concen: 119.208 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

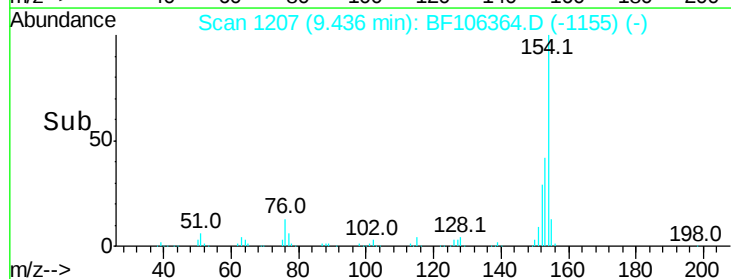
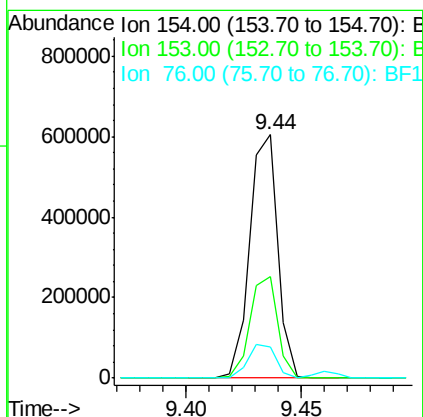
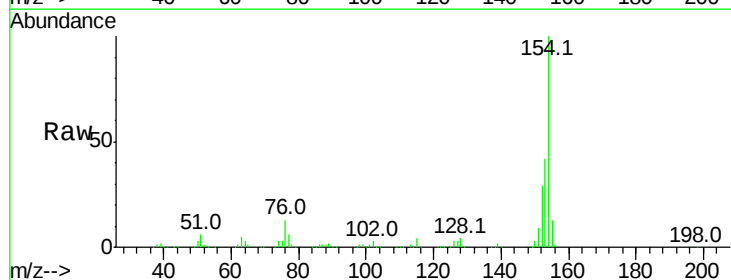
Instrument :
BNA_F
ClientSampleId :

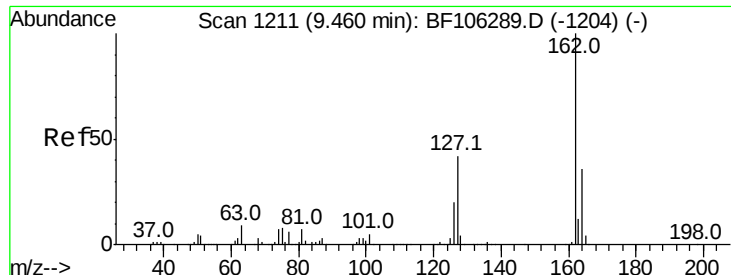
Tot Ion:172 Resp: 859646
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 25.3 19.6 29.4



#45
1,1'-Biphenyl
Concen: 45.830 ng
RT: 9.44 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion:154 Resp: 513702
Ion Ratio Lower Upper
154 100
153 41.9 21.3 61.3
76 12.7 0.0 34.0

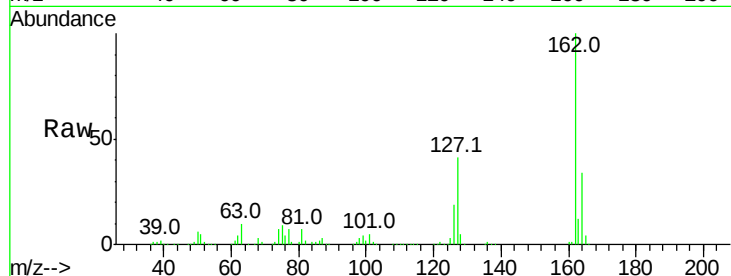




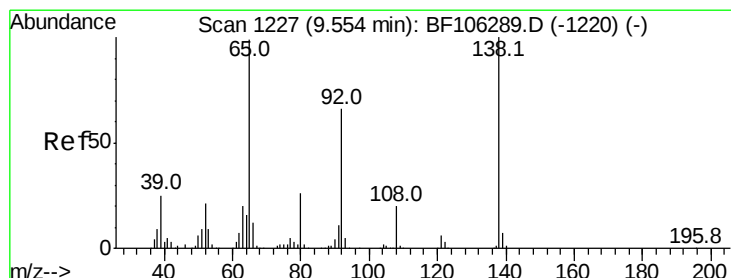
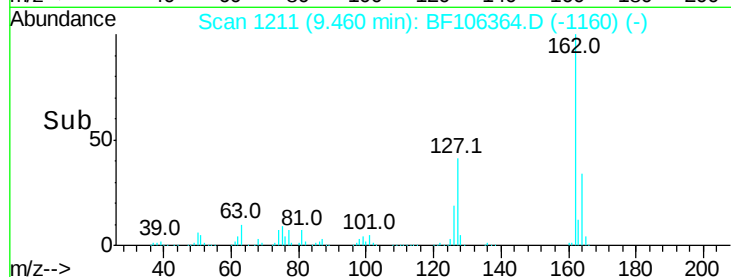
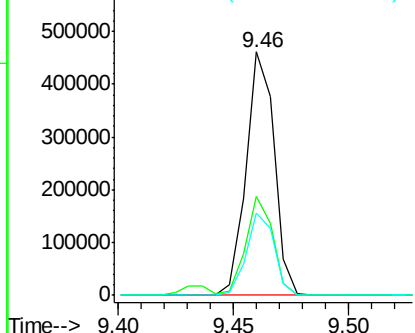
#46
2-Chloronaphthalene
Concen: 43.812 ng
RT: 9.46 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.8	33.9	50.9
164	33.9	26.5	39.7

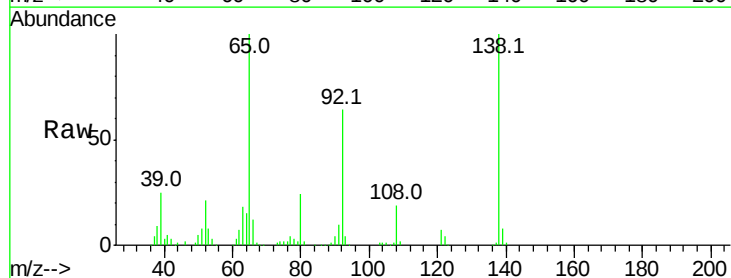


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

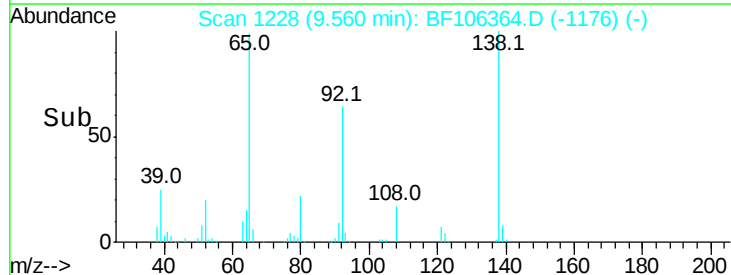
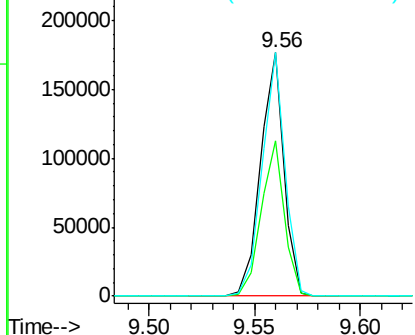


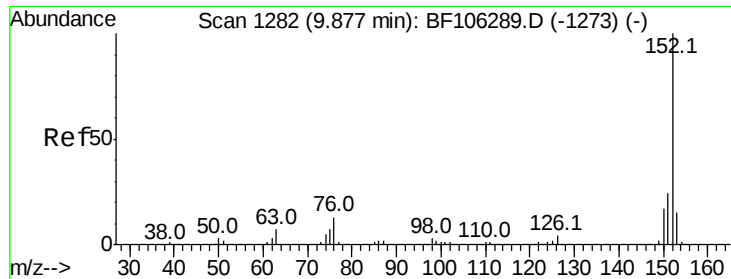
#47
2-Nitroaniline
Concen: 48.427 ng
RT: 9.56 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.0	55.8	83.6
138	100.0	91.2	136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 44.951 ng

RT: 9.88 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampleId :

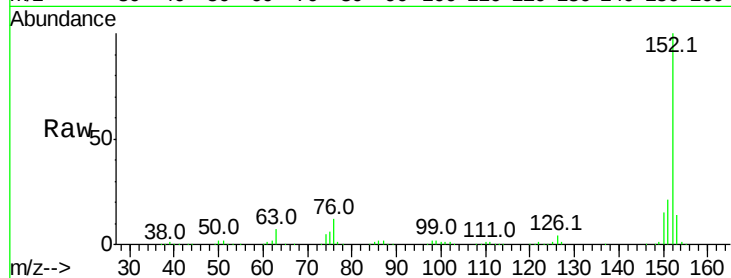
Tot Ion:152 Resp: 617173

Ion Ratio Lower Upper

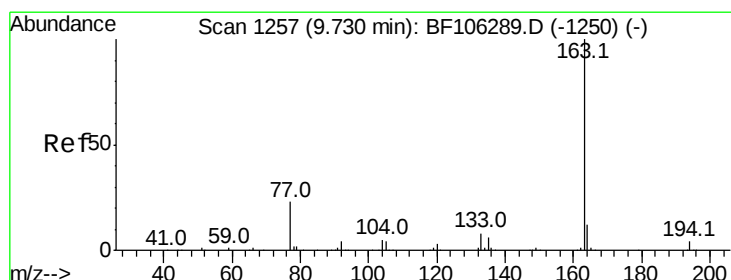
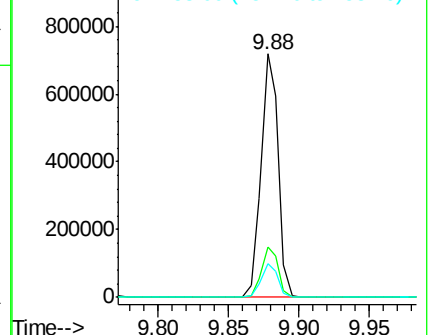
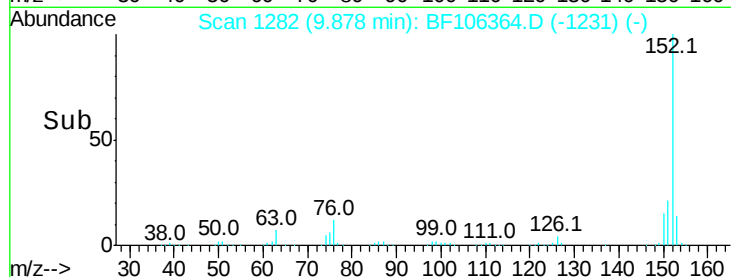
152 100

151 20.8 16.3 24.5

153 13.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 44.985 ng

RT: 9.73 min Scan# 1257

Delta R.T. 0.00 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

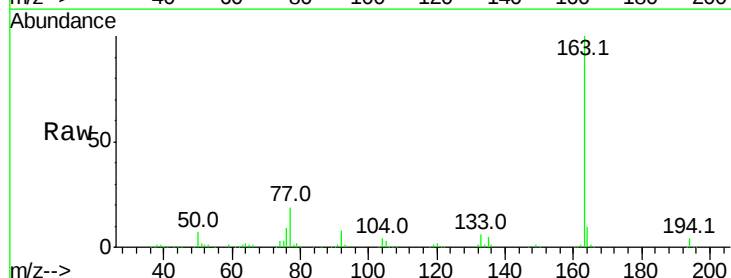
Tgt Ion:163 Resp: 465098

Ion Ratio Lower Upper

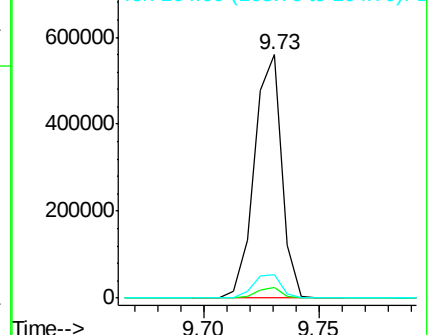
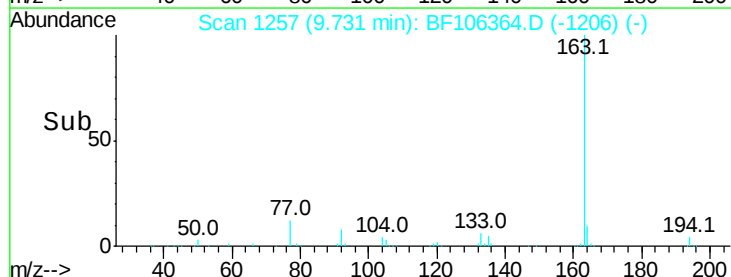
163 100

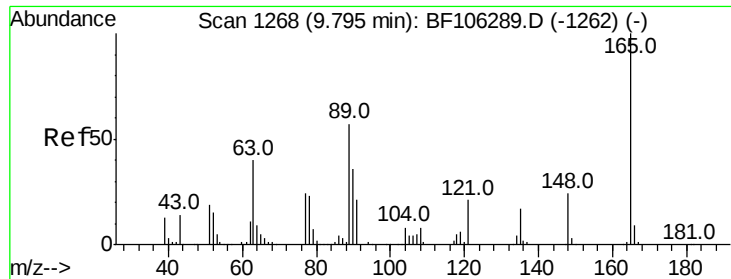
194 4.2 2.7 4.1#

164 9.5 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

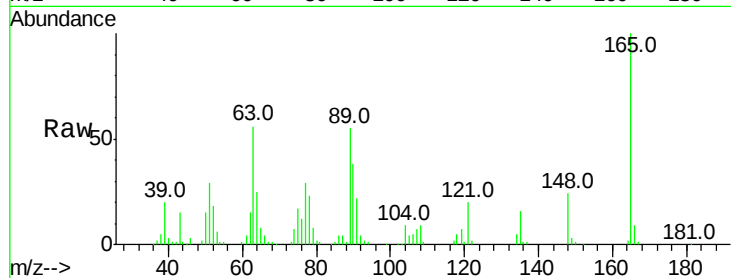




#50
2,6-Dinitrotoluene
Concen: 42.410 ng
RT: 9.80 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Instrument :
BNA_F
ClientSampleId :

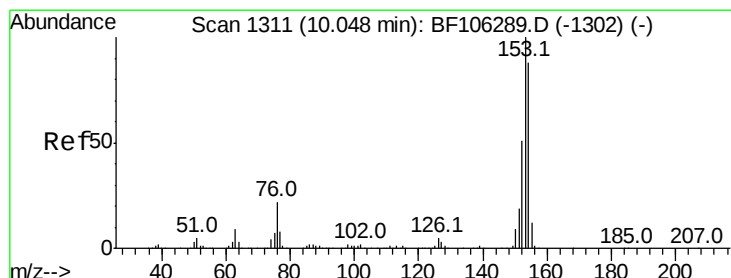
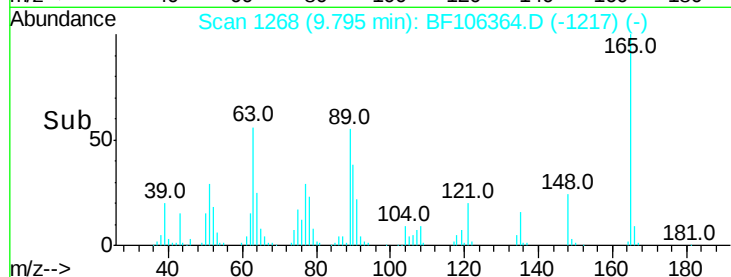
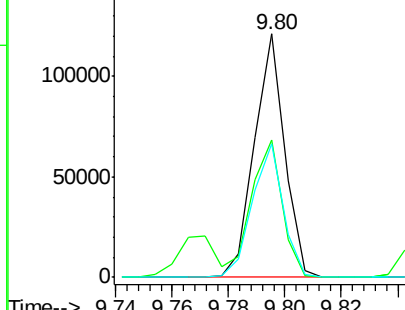
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.2	44.7	67.1
89	54.6	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E

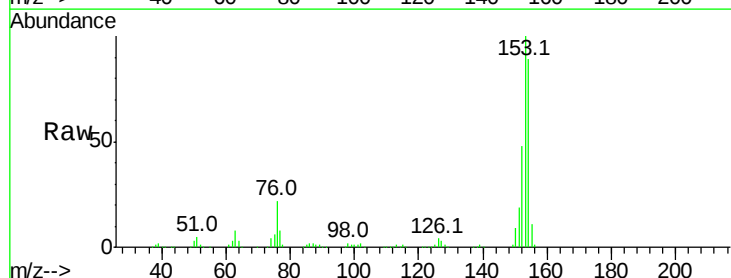
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#51
Acenaphthene
Concen: 41.896 ng
RT: 10.05 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

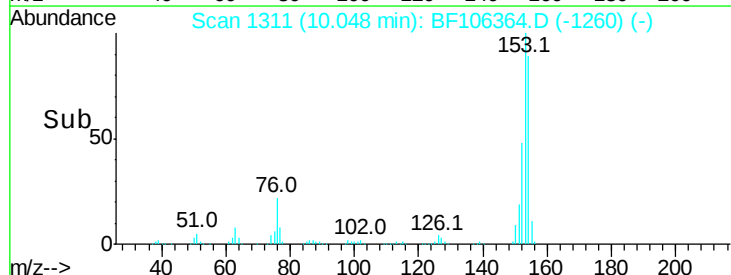
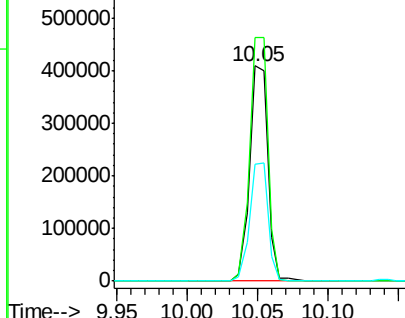
Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.2	136.8
152	54.5	43.8	65.8

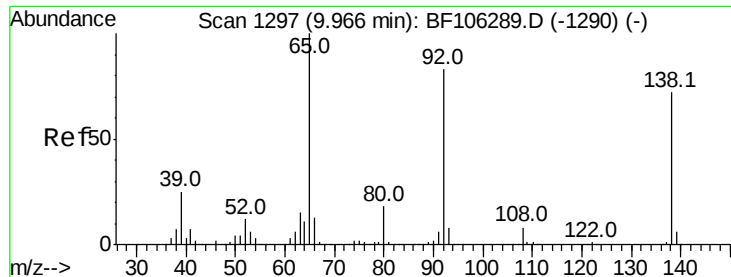


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

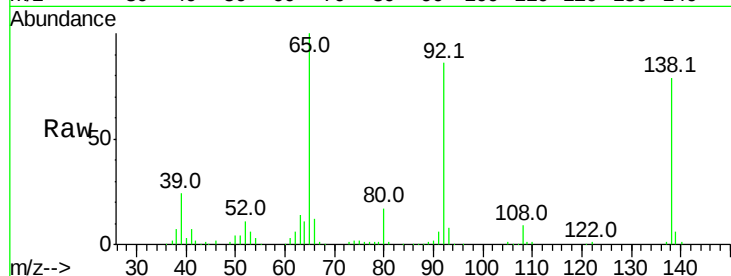




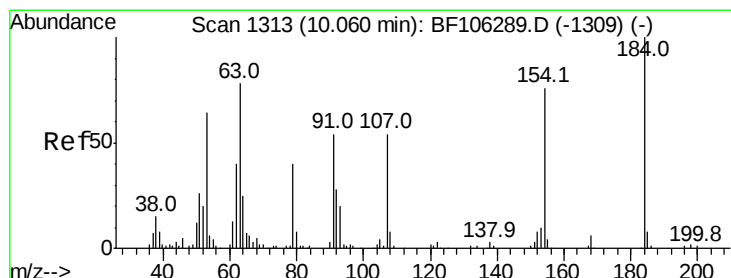
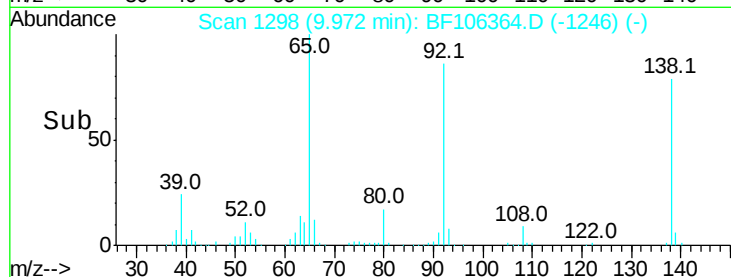
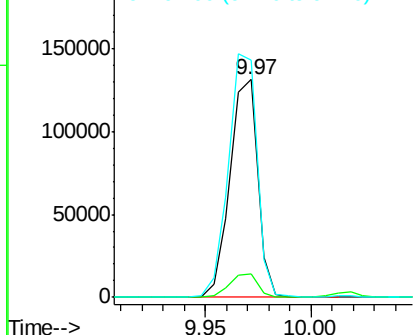
#52
3-Nitroaniline
Concen: 47.484 ng
RT: 9.97 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 119023
Ion Ratio Lower Upper
138 100
108 11.0 9.4 14.0
92 109.0 89.4 134.2

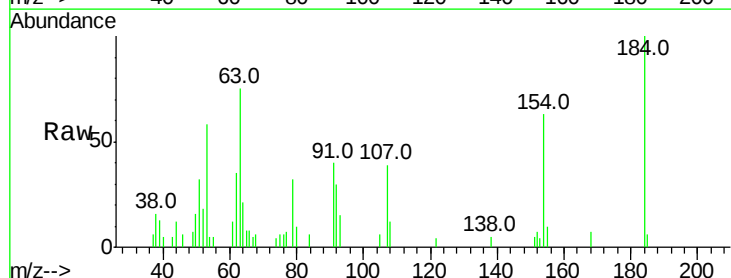


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

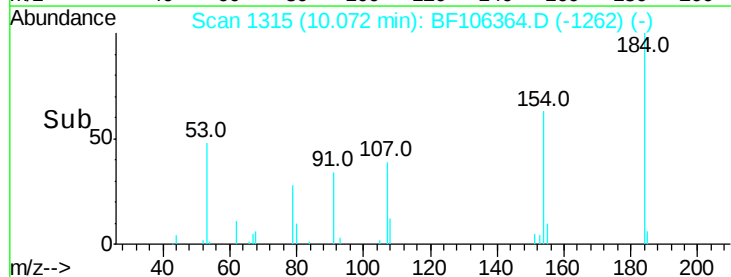
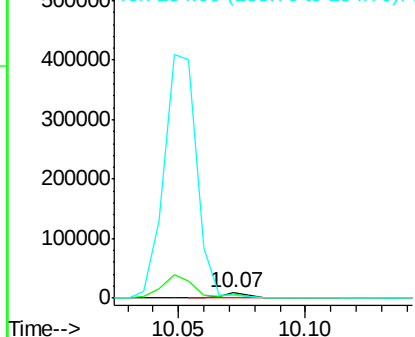


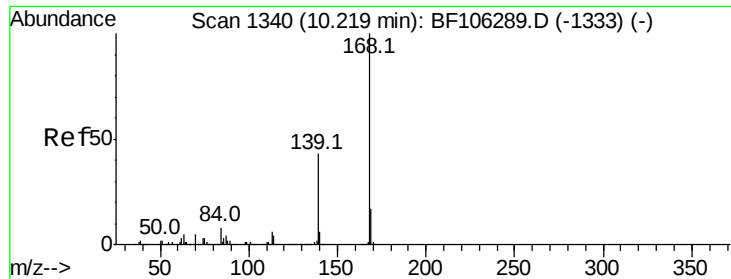
#53
2,4-Dinitrophenol
Concen: 14.122 ng
RT: 10.07 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion:184 Resp: 5985
Ion Ratio Lower Upper
184 100
63 74.5 54.2 81.2
154 62.7 184.0 276.0#



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

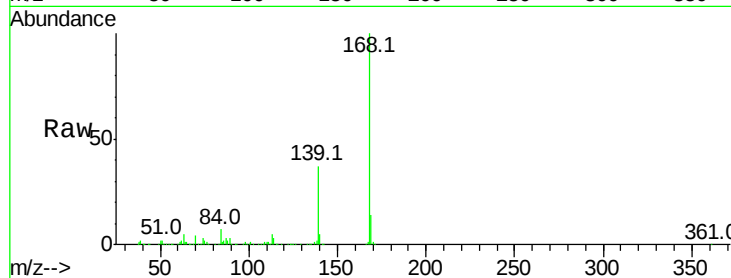




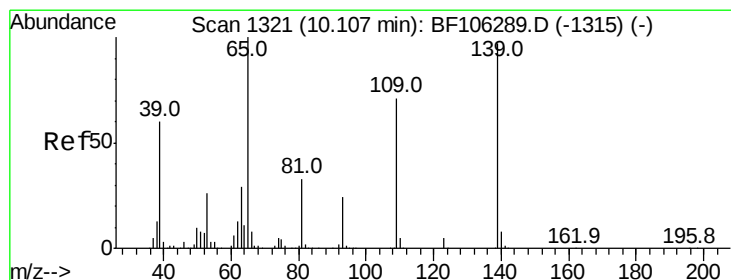
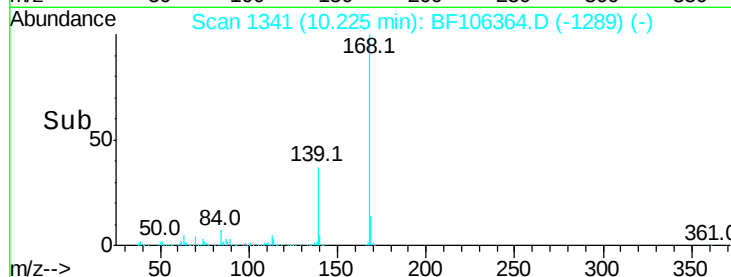
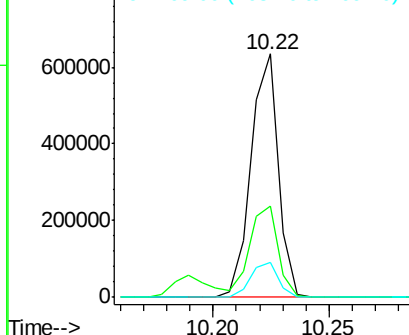
#54
Dibenzofuran
Concen: 43.981 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 525135
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 14.2 10.9 16.3

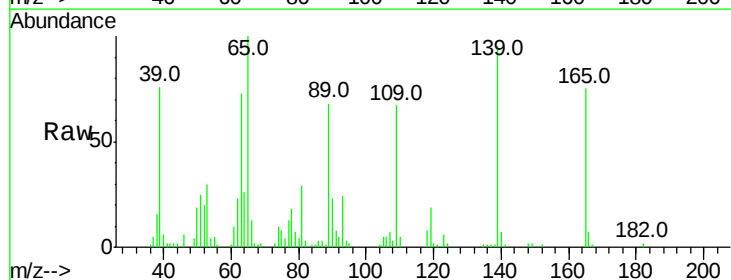


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

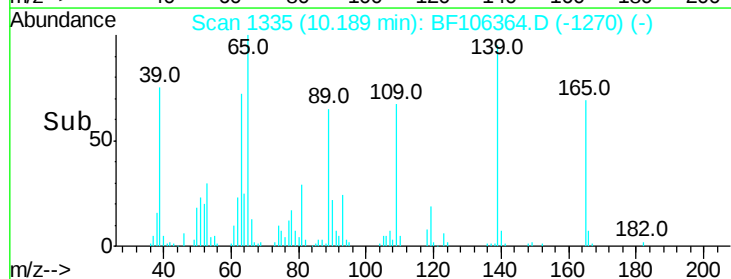
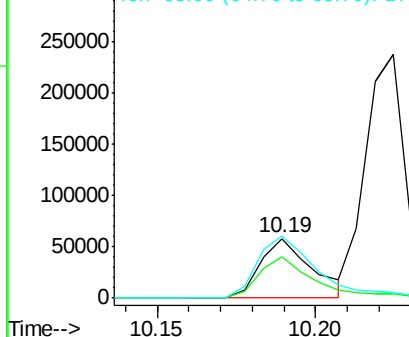


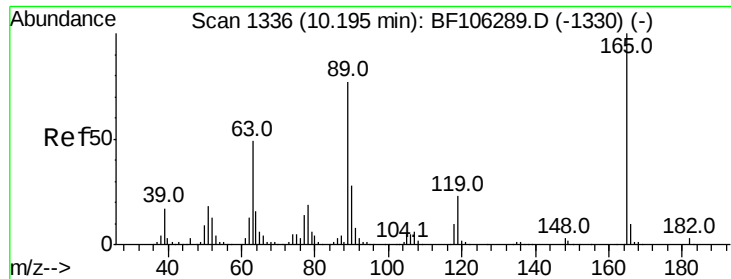
#55
4-Nitrophenol
Concen: 34.189 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.08 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion:139 Resp: 65687
Ion Ratio Lower Upper
139 100
109 70.7 48.4 88.4
65 105.1 72.6 112.6



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

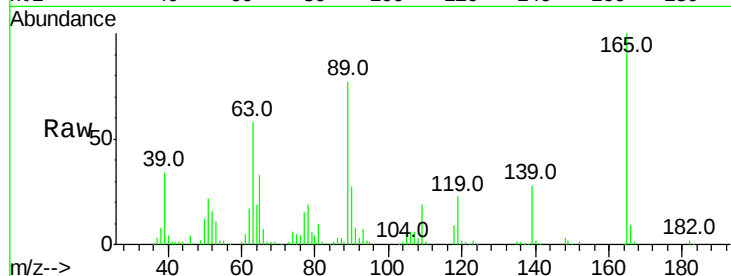




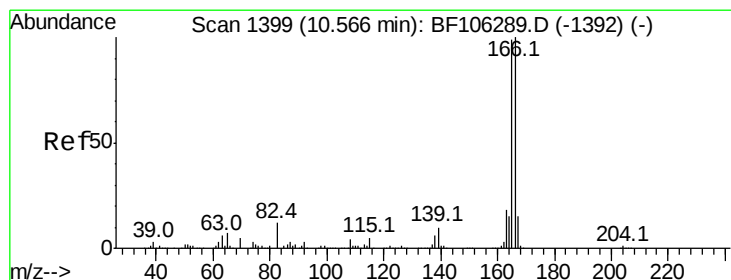
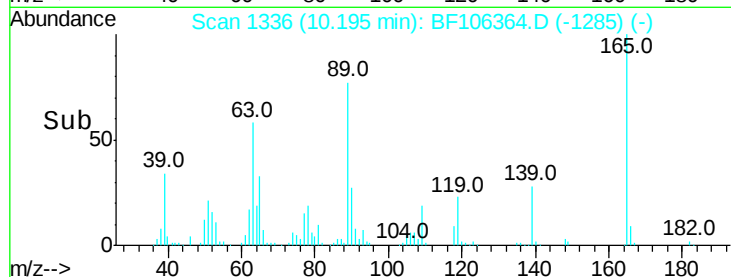
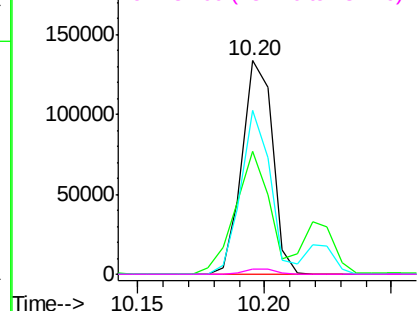
#56
2,4-Dinitrotoluene
Concen: 42.108 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 111674
Ion Ratio Lower Upper
165 100
63 57.8 36.4 54.6#
89 76.8 57.8 86.6
182 2.3 1.6 2.4

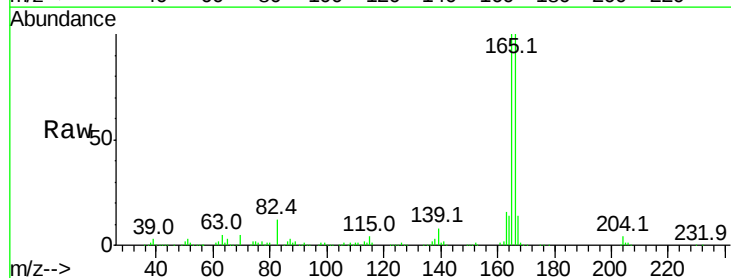


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

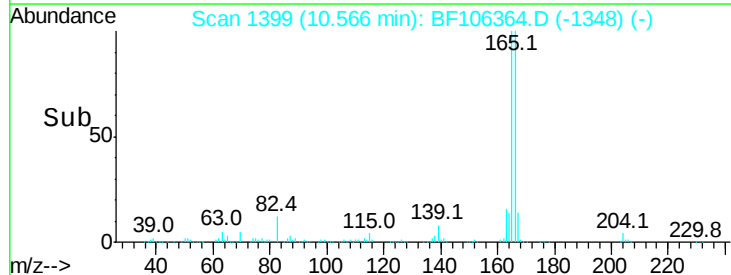
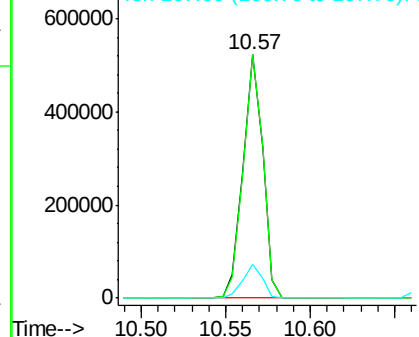


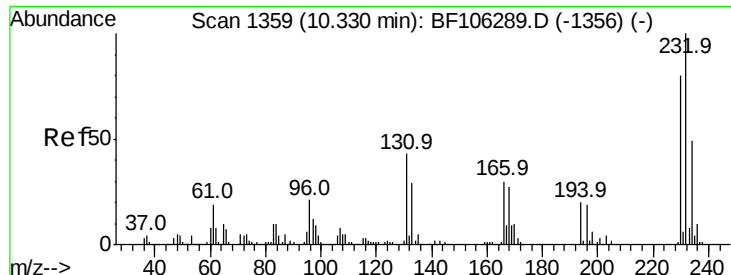
#57
Fluorene
Concen: 44.947 ng
RT: 10.57 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion:166 Resp: 425195
Ion Ratio Lower Upper
166 100
165 100.1 79.8 119.8
167 13.8 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

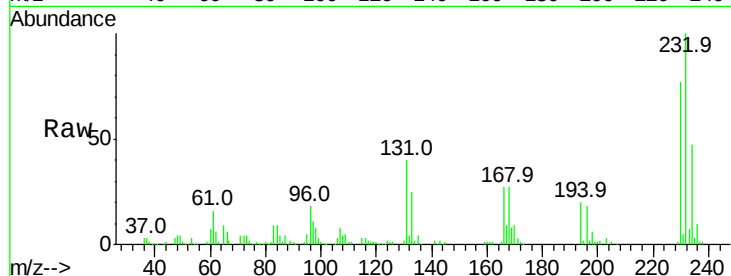




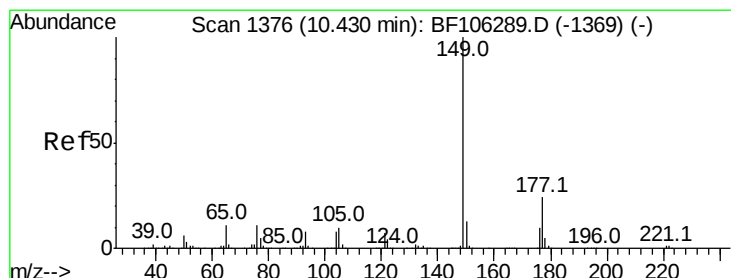
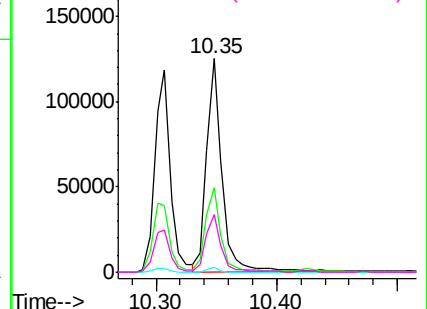
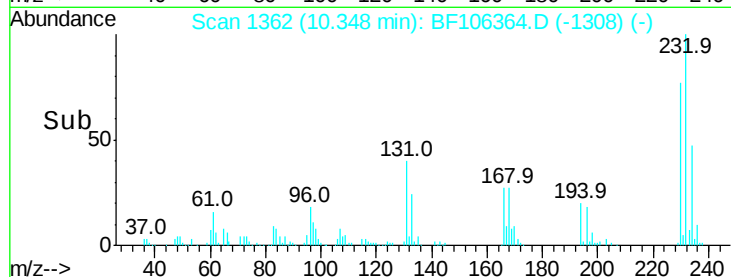
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.360 ng
 RT: 10.35 min Scan# 1362
 Delta R.T. 0.02 min
 Lab File: BF106364.D
 Acq: 13 Jun 2018 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 110916
 Ion Ratio Lower Upper
 232 100
 131 40.8 43.8 65.8#
 130 1.9 2.1 3.1#
 166 27.6 27.8 41.6#

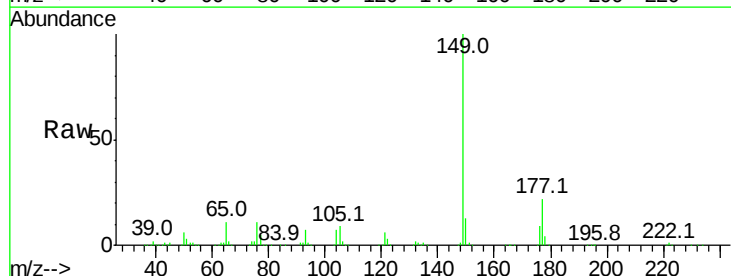


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

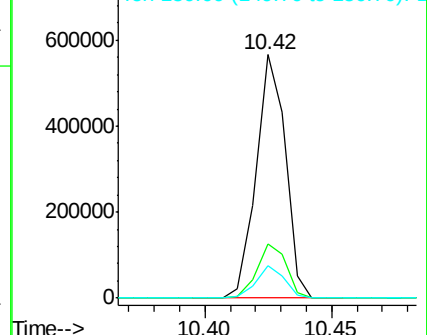
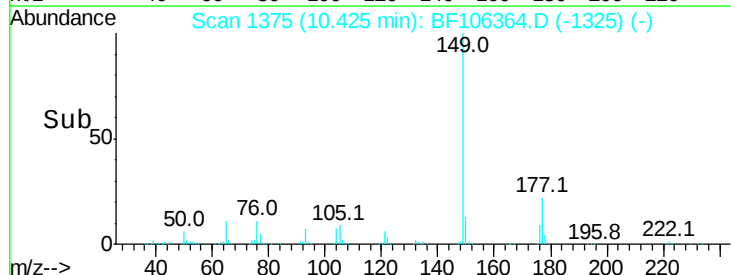


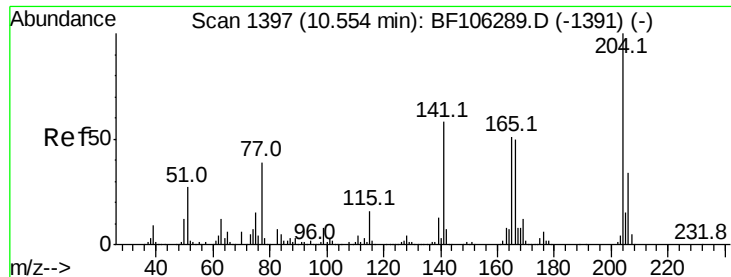
#59
 Diethylphthalate
 Concen: 44.437 ng
 RT: 10.42 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF106364.D
 Acq: 13 Jun 2018 00:31

Tgt Ion:149 Resp: 456021
 Ion Ratio Lower Upper
 149 100
 177 22.0 16.1 24.1
 150 13.1 10.1 15.1



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

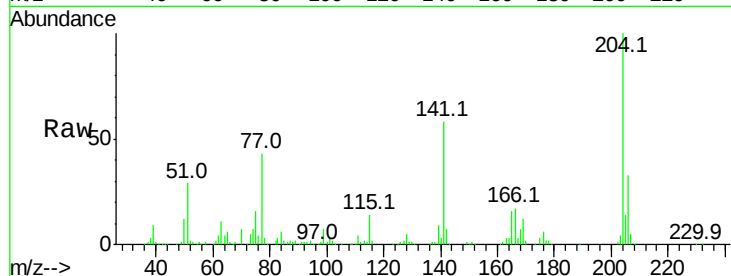




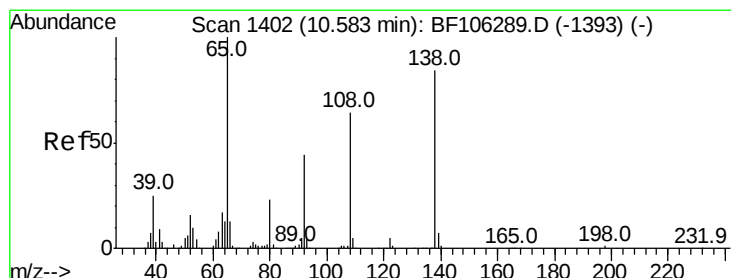
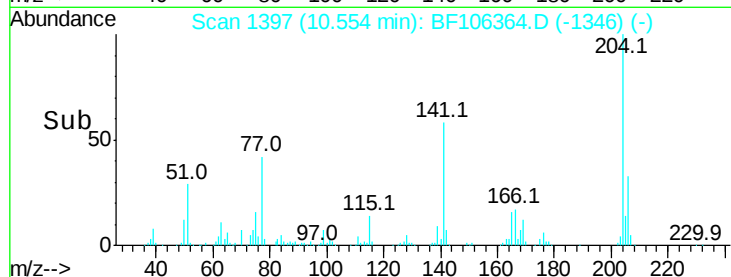
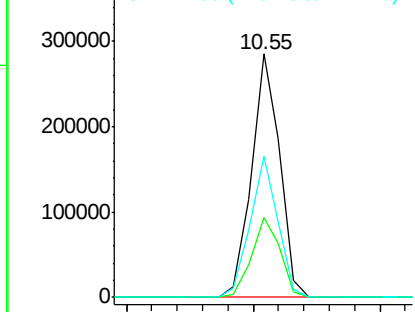
#60
4-Chlorophenyl-phenylether
Concen: 43.979 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	57.8	54.6	81.8

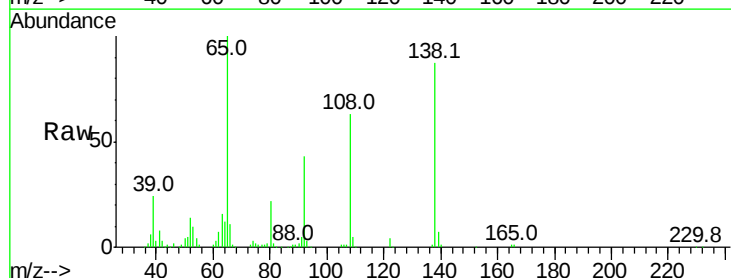


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

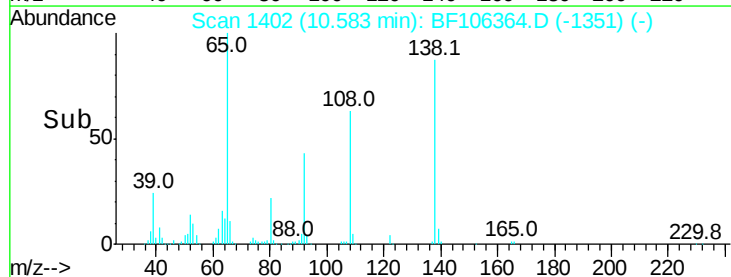
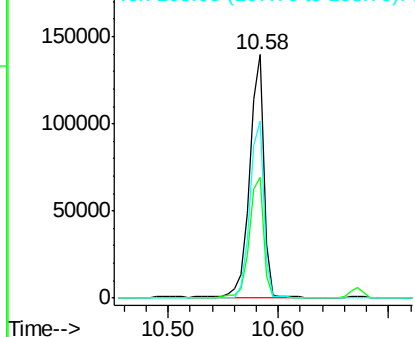


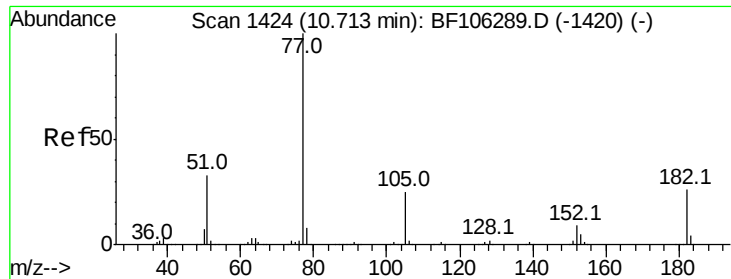
#61
4-Nitroaniline
Concen: 53.122 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	30.2	70.2
108	72.5	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

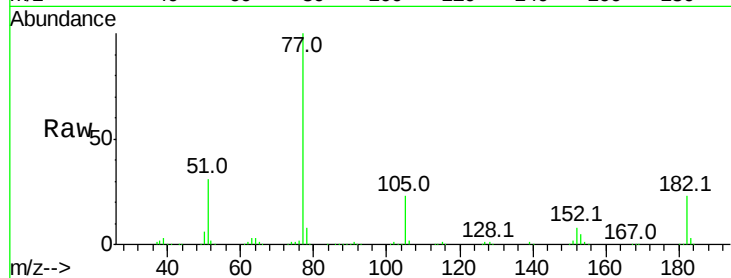




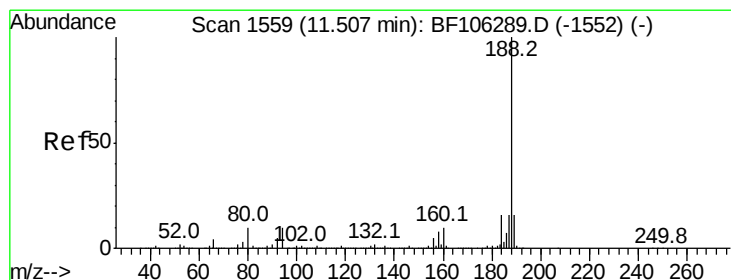
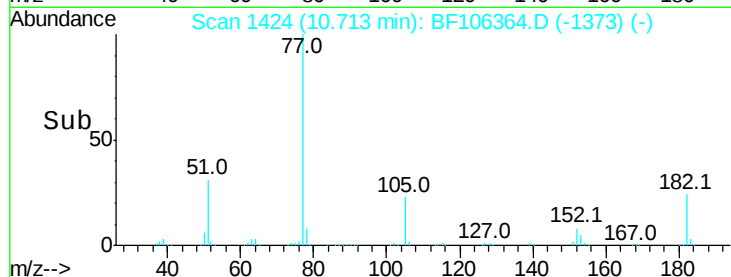
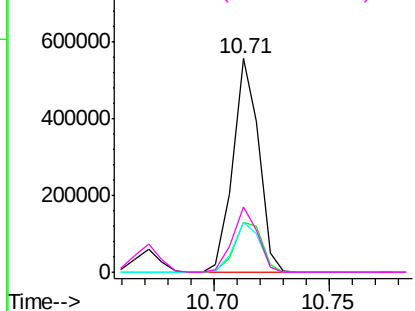
#62
Azobenzene
Concen: 40.426 ng
RT: 10.71 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 432585
Ion Ratio Lower Upper
77 100
182 23.4 1.7 41.7
105 23.4 3.0 43.0
51 30.6 9.9 49.9

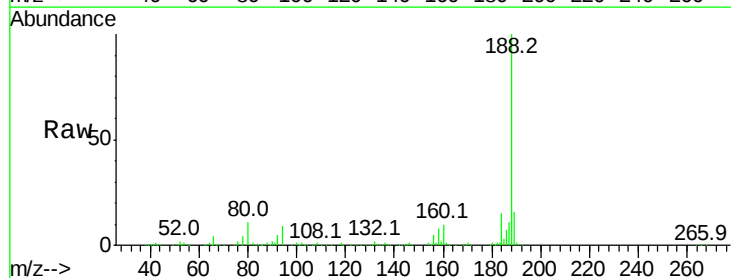


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

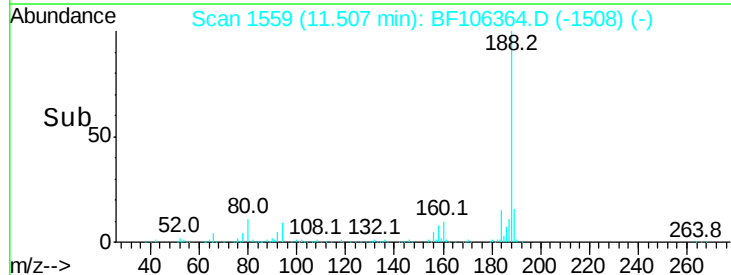
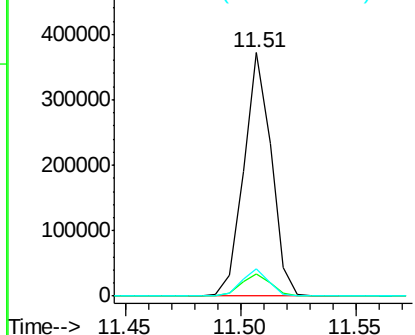


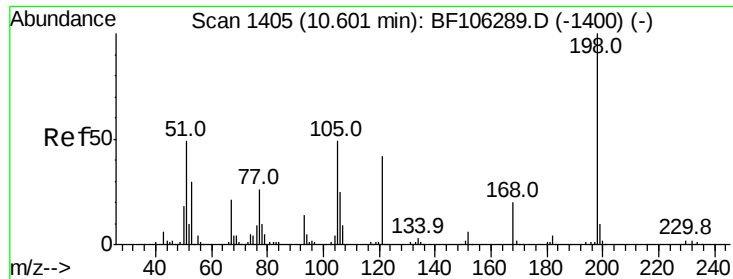
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion: 188 Resp: 309161
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 11.3 9.2 13.8



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





#64

4,6-Dinitro-2-methylphenol

Concen: 16.706 ng

RT: 10.61 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampled :

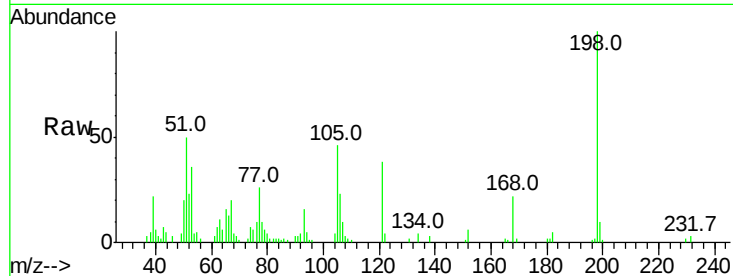
Tot Ion:198 Resp: 19985

Ion Ratio Lower Upper

198 100

51 49.6 37.7 77.7

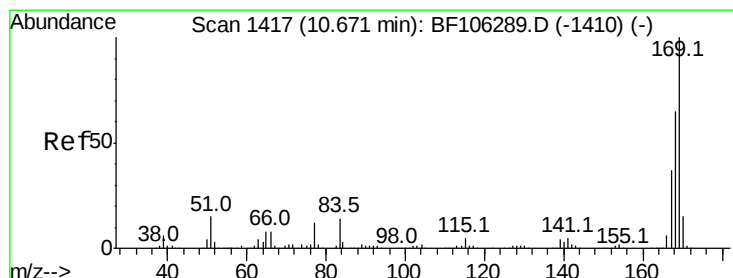
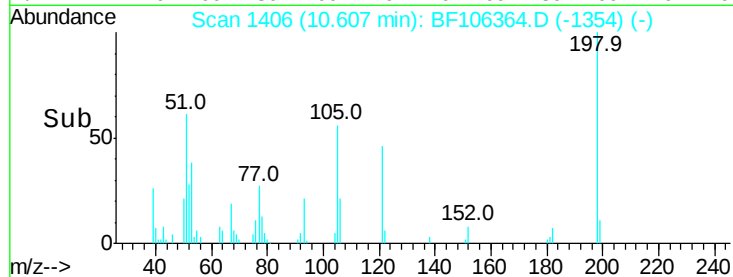
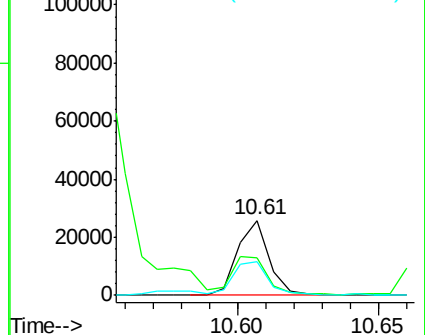
105 45.6 36.3 76.3



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: 39.383 ng

RT: 10.67 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

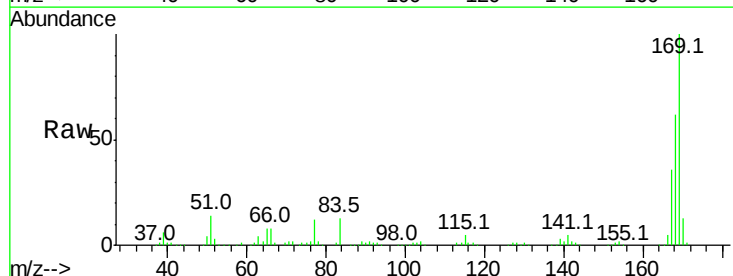
Tgt Ion:169 Resp: 409202

Ion Ratio Lower Upper

169 100

168 62.2 54.4 81.6

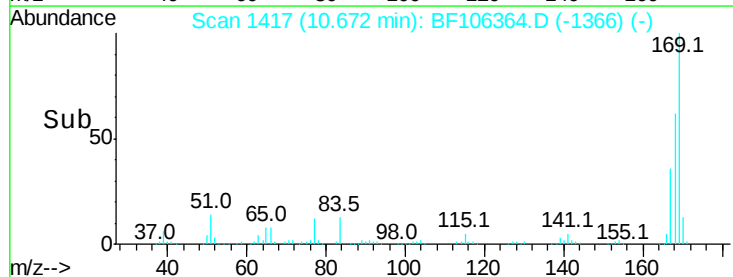
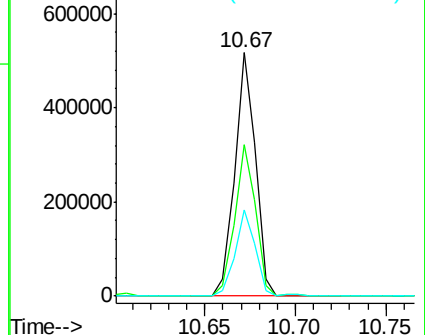
167 35.6 29.8 44.6

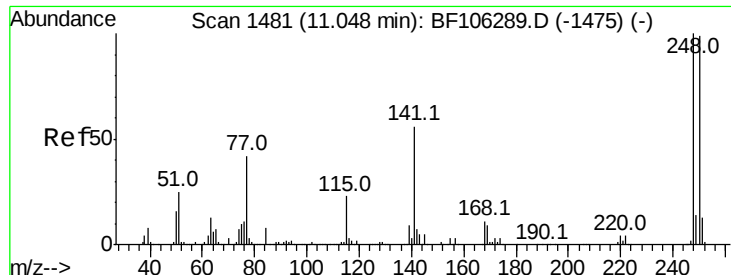


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

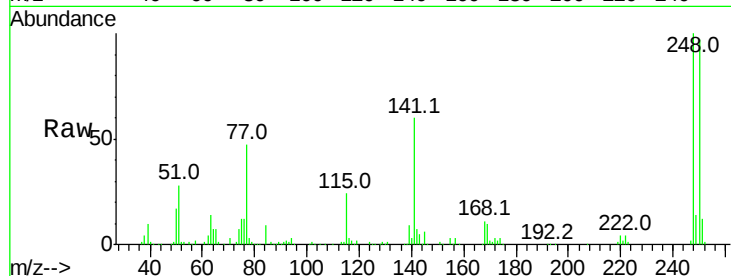




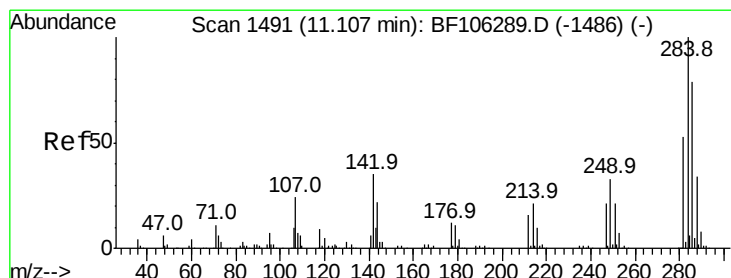
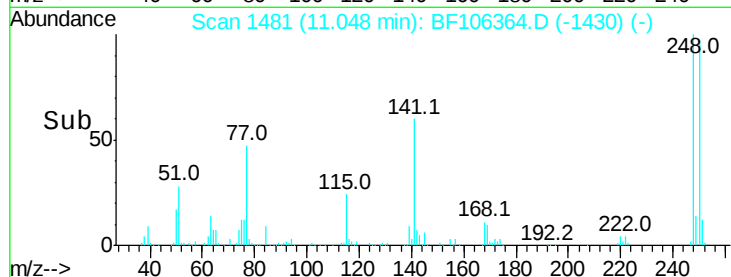
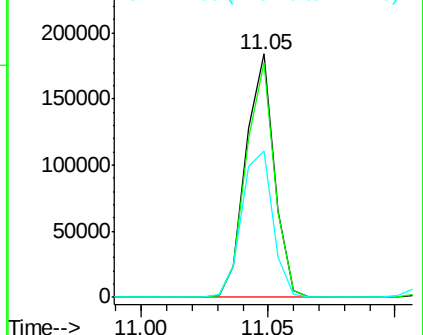
#66
4-Bromophenyl-phenylether
Concen: 40.914 ng
RT: 11.05 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 143868
Ion Ratio Lower Upper
248 100
250 96.5 76.9 115.3
141 60.0 74.4 111.6#

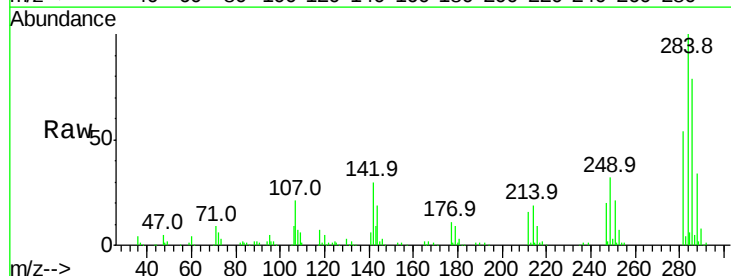


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

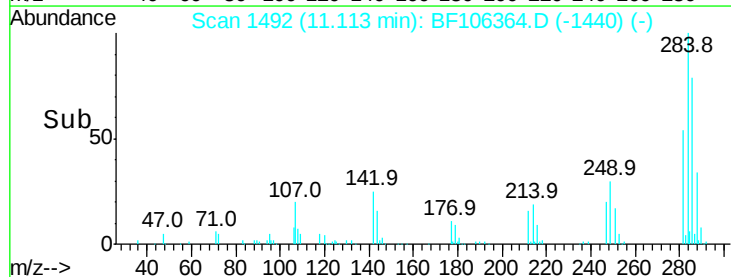
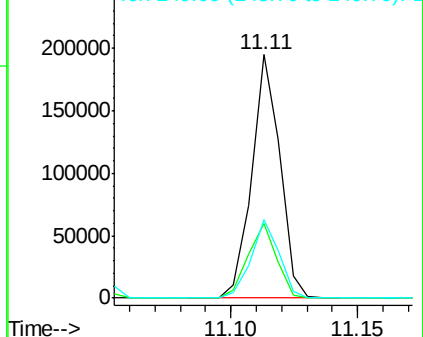


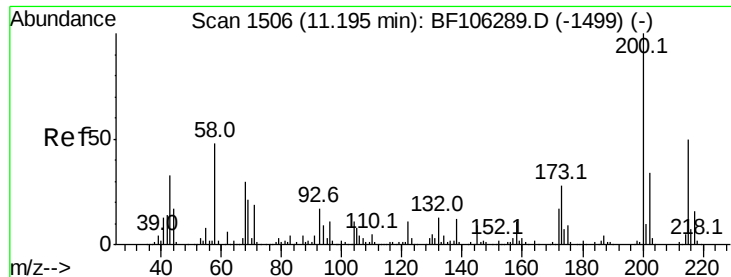
#67
Hexachlorobenzene
Concen: 41.630 ng
RT: 11.11 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion:284 Resp: 150915
Ion Ratio Lower Upper
284 100
142 30.5 34.6 52.0#
249 32.1 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

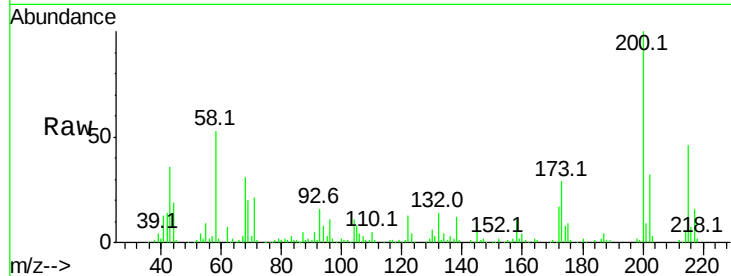




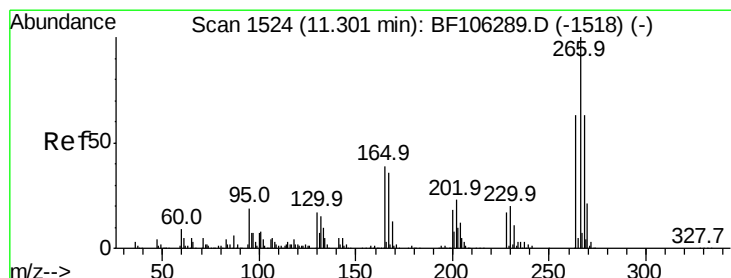
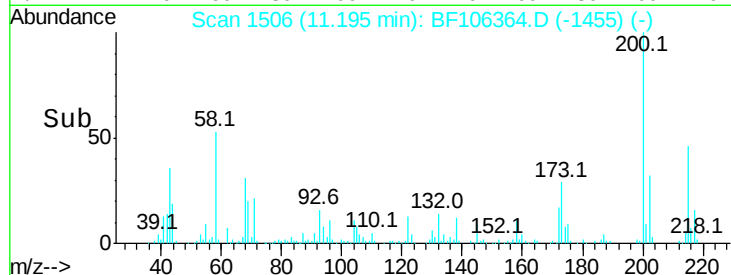
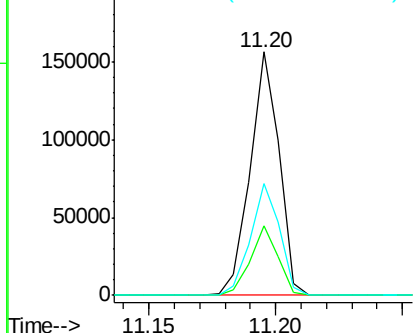
#68
Atrazine
Concen: 38.648 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 123752
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 46.0 25.1 65.1

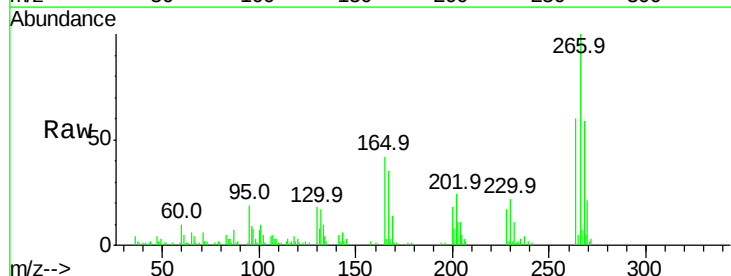


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

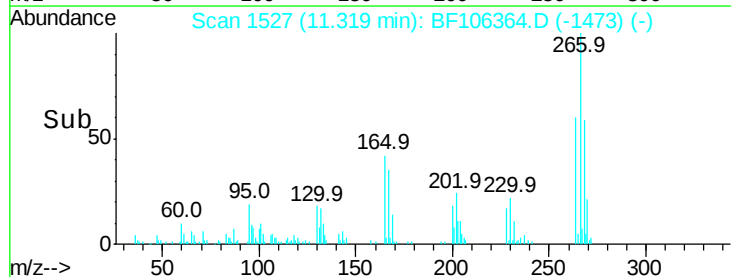
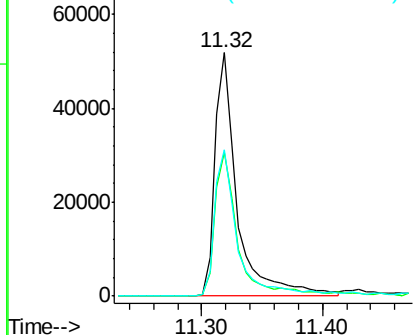


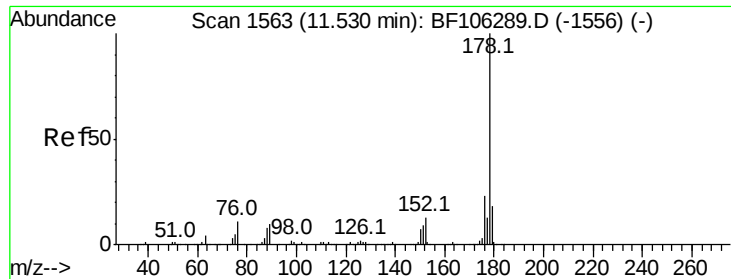
#69
Pentachlorophenol
Concen: 29.372 ng
RT: 11.32 min Scan# 1527
Delta R.T. 0.02 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion:266 Resp: 65555
Ion Ratio Lower Upper
266 100
268 59.3 51.1 76.7
264 60.0 49.5 74.3



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





#70

Phenanthrene

Concen: 44.001 ng

RT: 11.53 min Scan# 1563

Delta R.T. 0.00 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampleId :

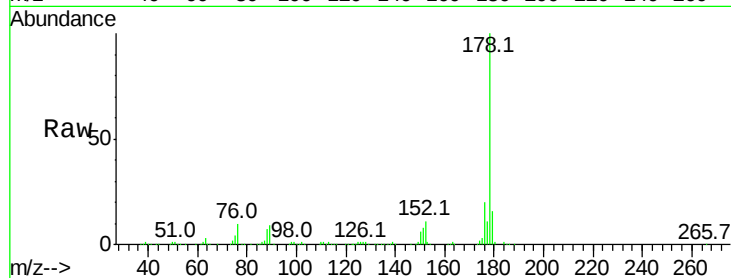
Tot Ion:178 Resp: 666210

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

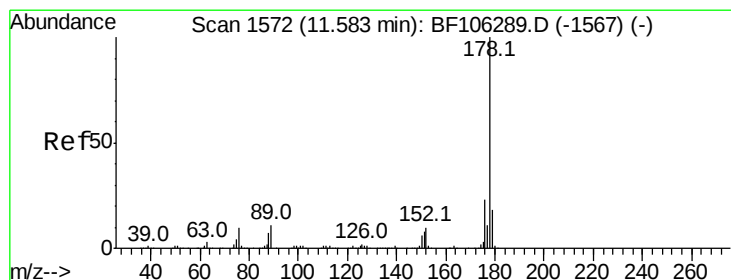
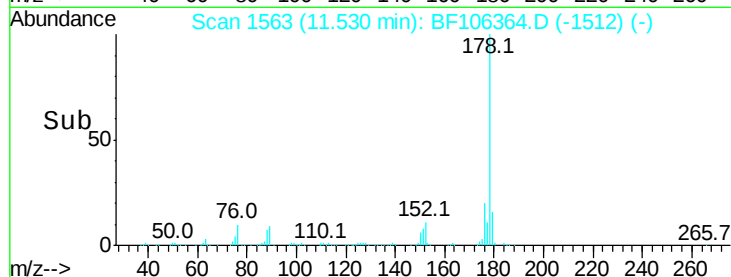
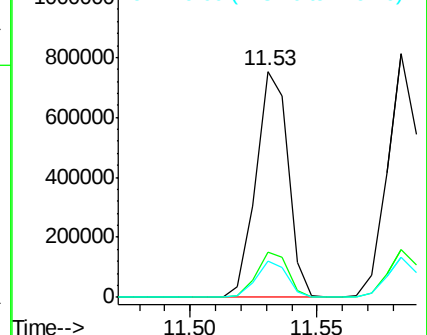
179 15.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 44.855 ng

RT: 11.58 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

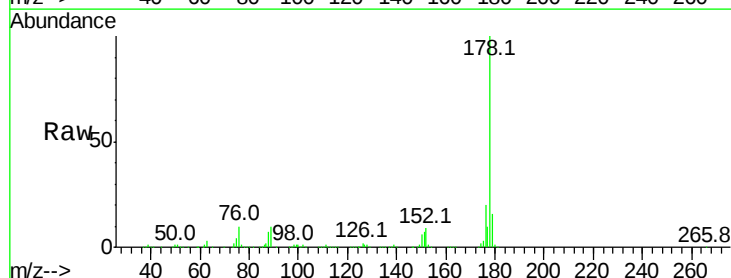
Tgt Ion:178 Resp: 680373

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

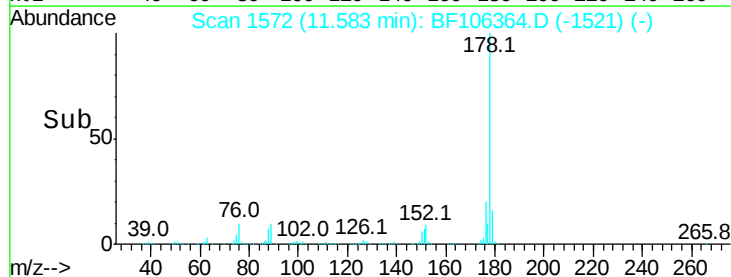
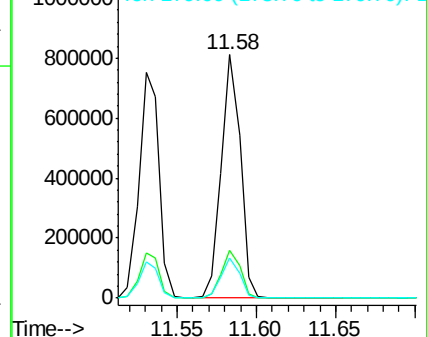
179 16.3 12.6 19.0

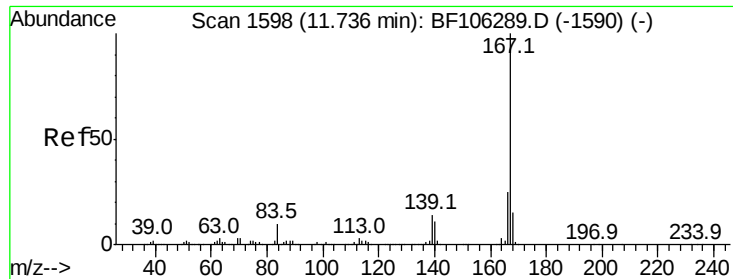


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

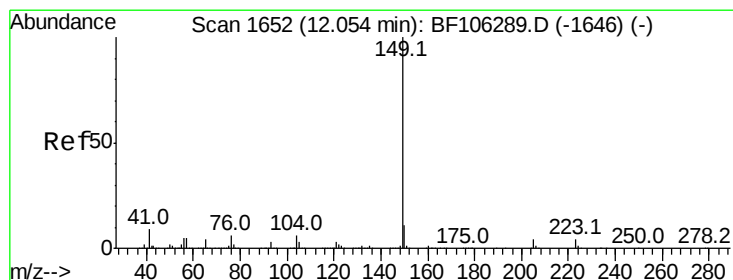
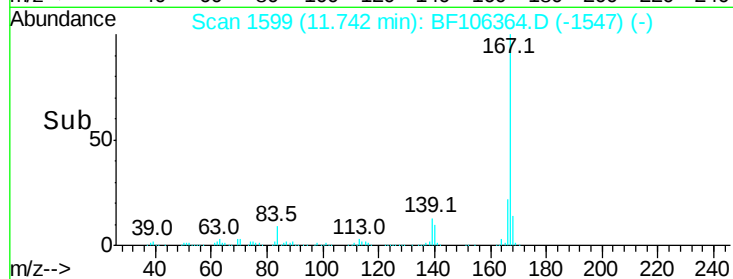
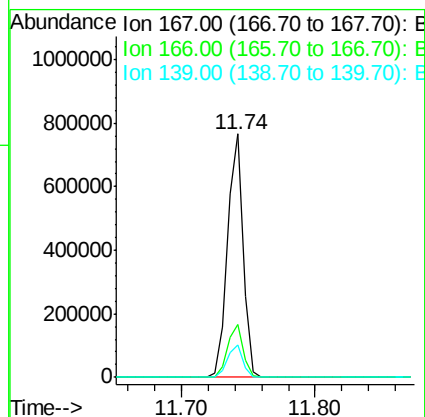
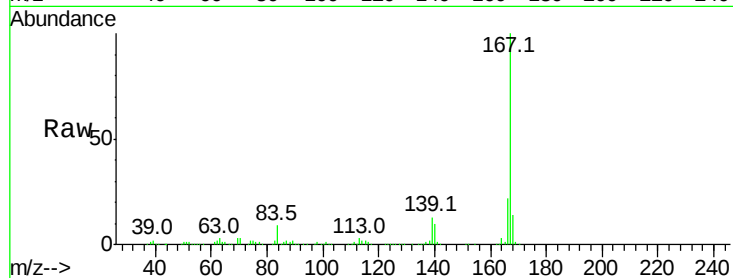




#72
 Carbazole
 Concen: 45.273 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF106364.D
 Acq: 13 Jun 2018 00:31

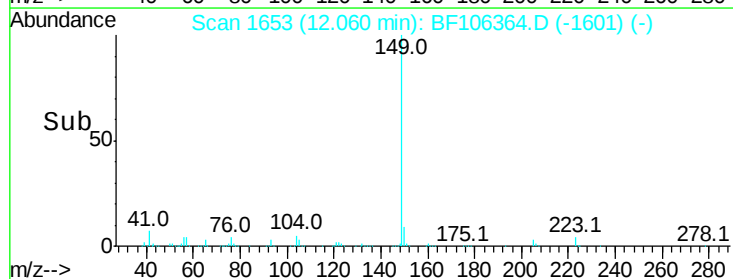
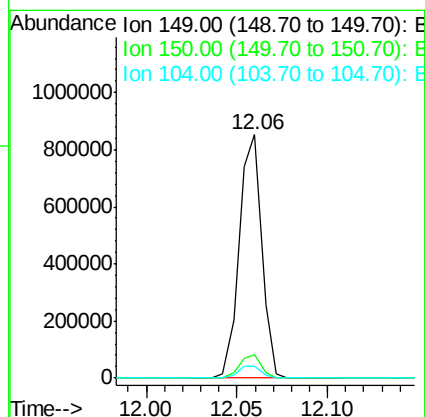
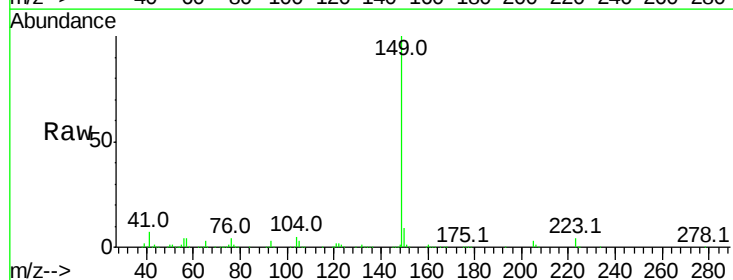
Instrument :
 BNA_F
 ClientSampleId :

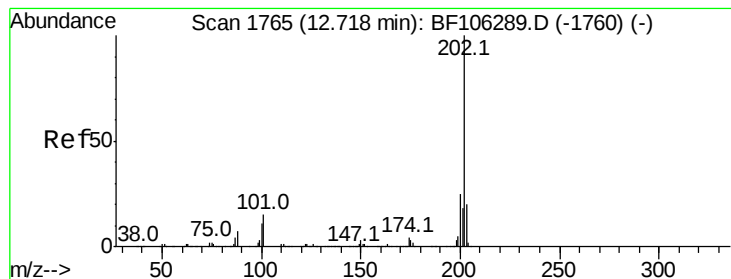
Tot Ion:167 Resp: 633979
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 13.3 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 47.325 ng
 RT: 12.06 min Scan# 1653
 Delta R.T. 0.01 min
 Lab File: BF106364.D
 Acq: 13 Jun 2018 00:31

Tgt Ion:149 Resp: 737572
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 4.8 3.8 5.8





#74

Fluoranthene

Concen: 50.208 ng

RT: 12.72 min Scan# 1766

Delta R.T. 0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampleId :

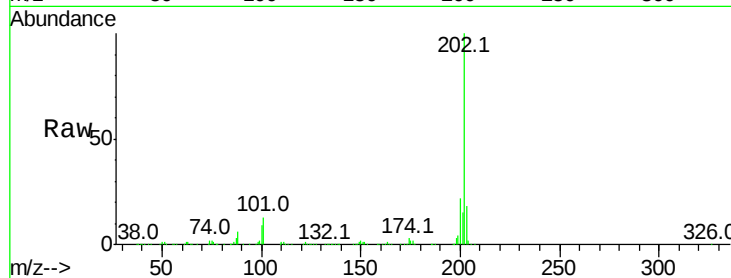
Tot Ion:202 Resp: 810696

Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.1

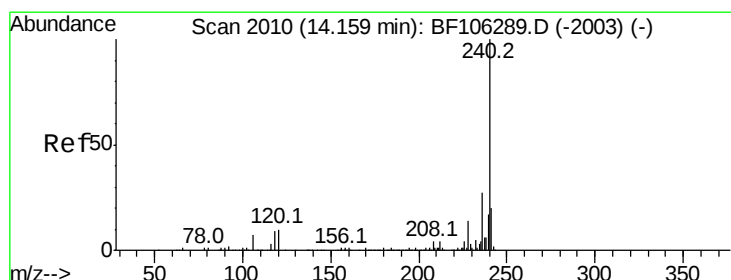
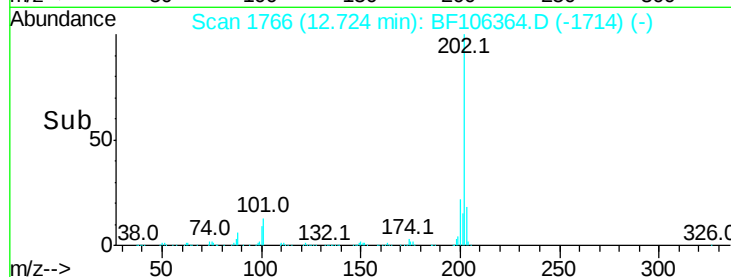
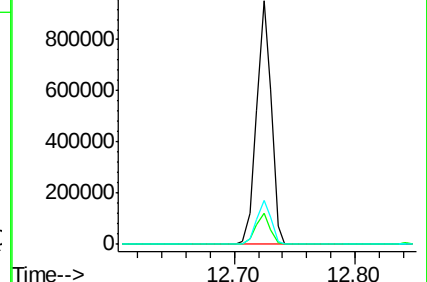
203 17.9 0.0 38.1



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: BF106364.D

Acq: 13 Jun 2018 00:31

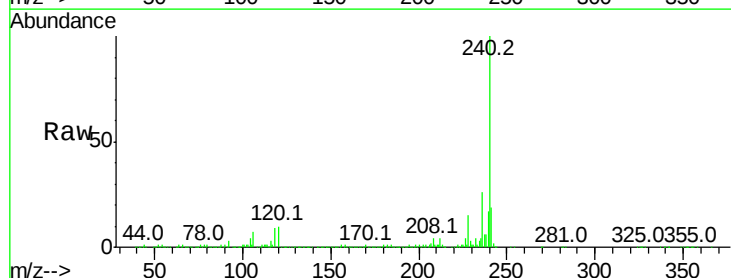
Tgt Ion:240 Resp: 314236

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

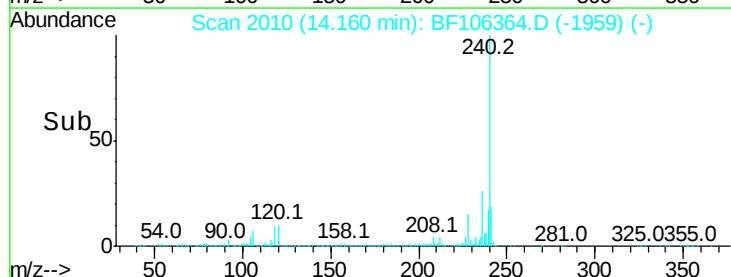
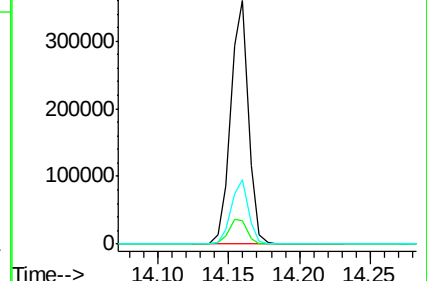
236 26.3 20.7 31.1

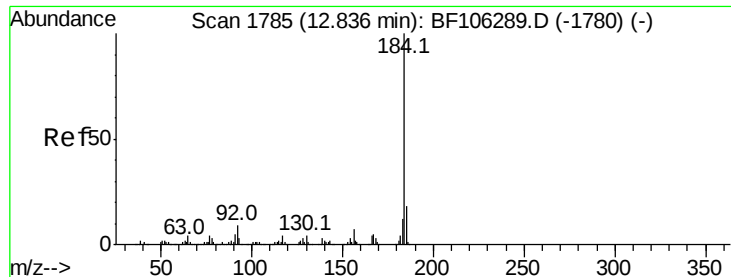


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

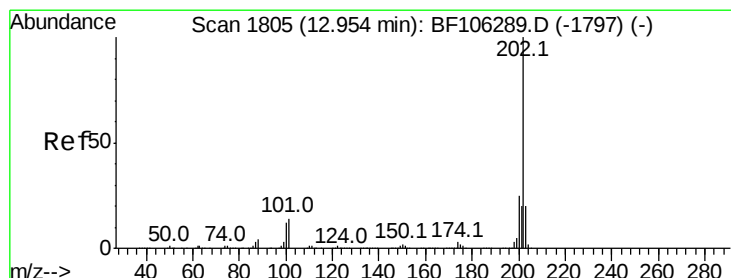
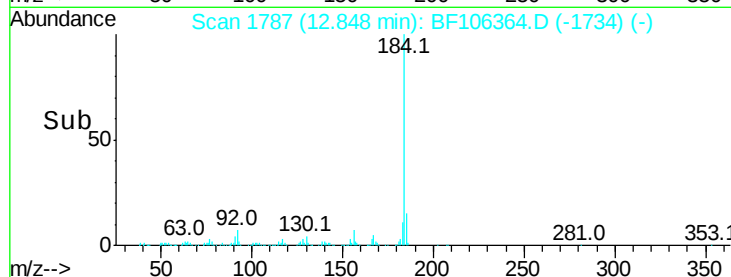
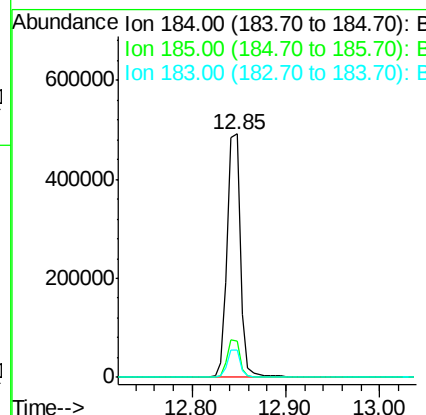
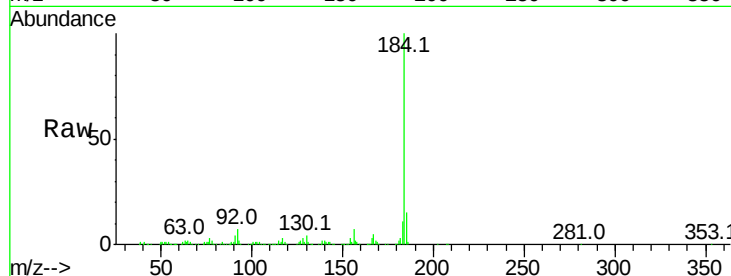




#76
Benzidine
Concen: 46.889 ng
RT: 12.85 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

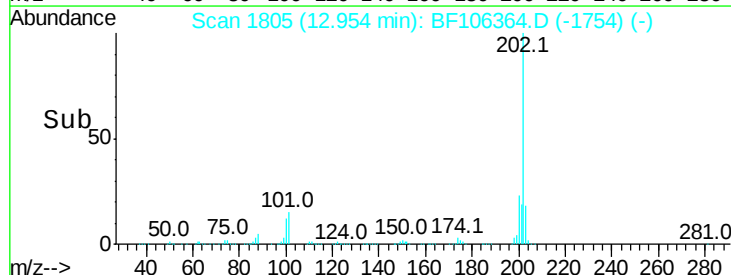
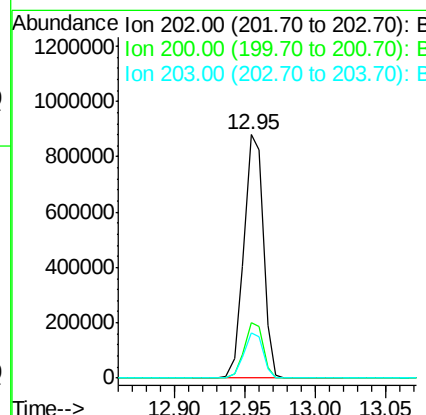
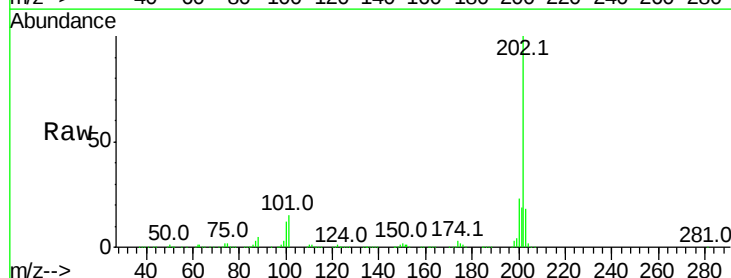
Instrument :
BNA_F
ClientSampleId :

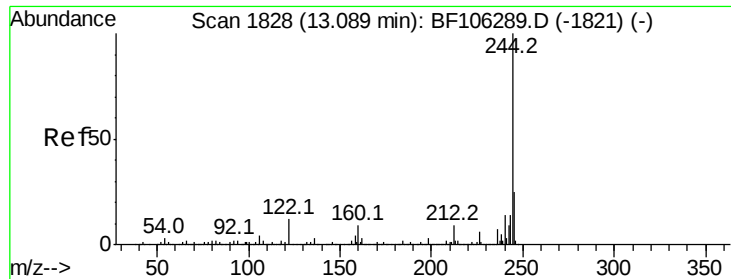
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.6	18.8
183	11.5	9.3	13.9



#77
Pyrene
Concen: 43.032 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	18.4	14.3	21.5





#78

Terphenyl-d14

Concen: 89.313 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampleId :

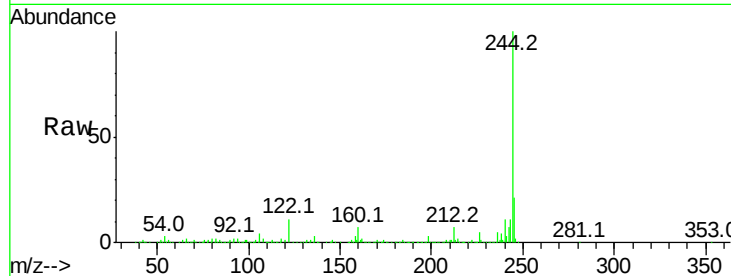
Tot Ion:244 Resp: 1129939

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	11.4	11.0	16.4

244 100

212 7.2 5.4 8.0

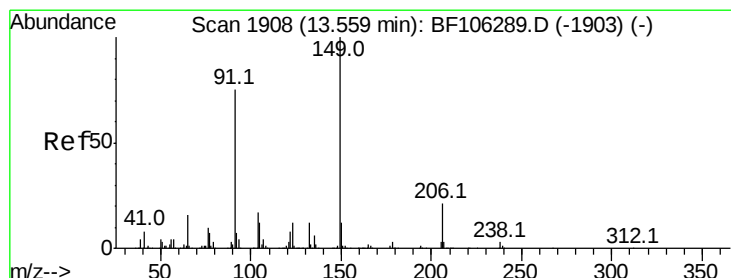
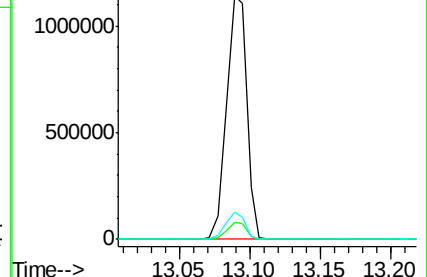
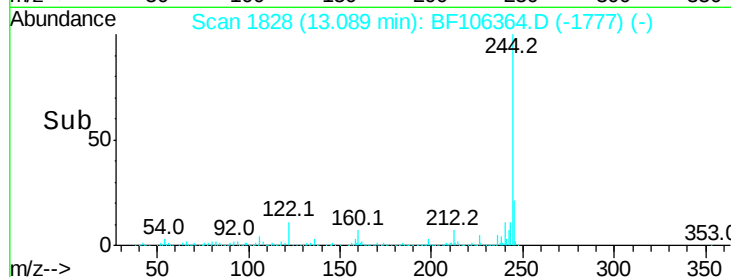
122 11.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 51.720 ng

RT: 13.57 min Scan# 1909

Delta R.T. 0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

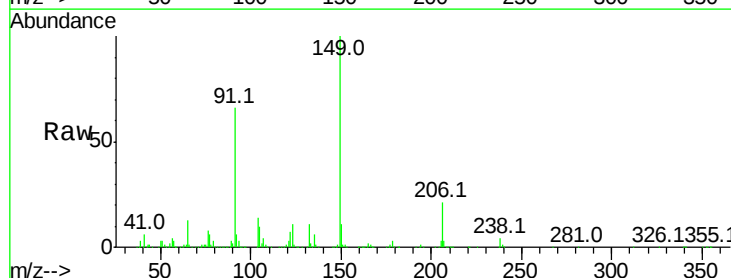
Tgt Ion:149 Resp: 380874

Ion	Ratio	Lower	Upper
149	100		
91	66.1	56.8	85.2
206	20.9	14.1	21.1

149 100

91 66.1 56.8 85.2

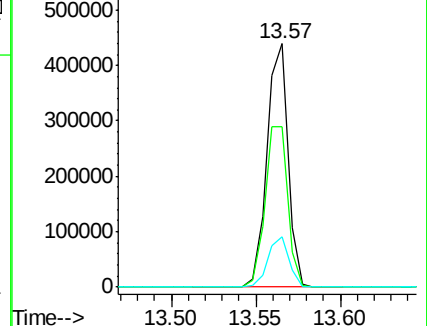
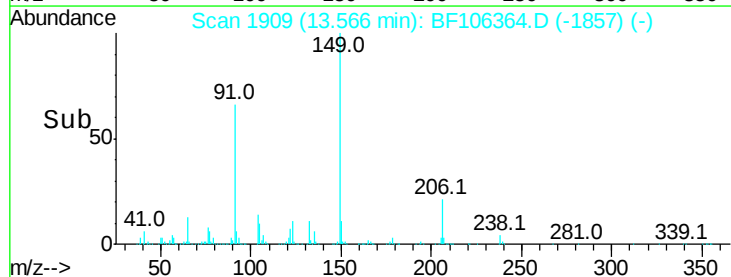
206 20.9 14.1 21.1

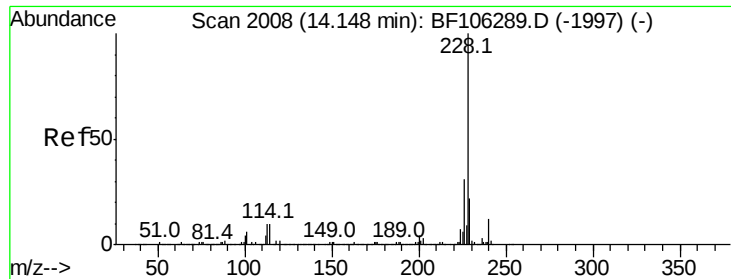


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

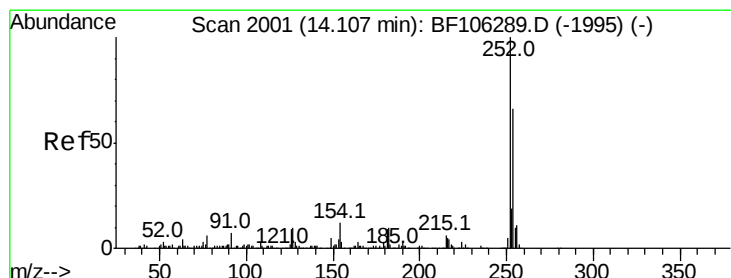
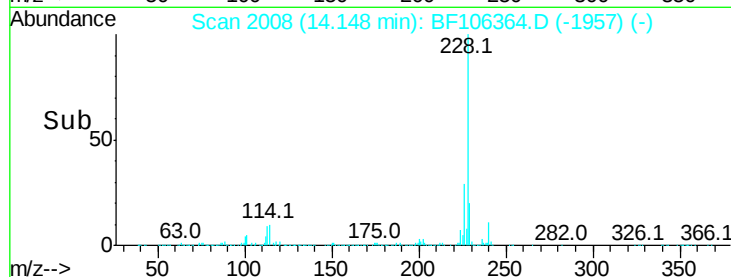
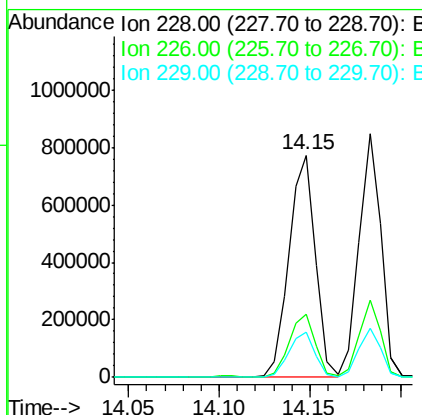
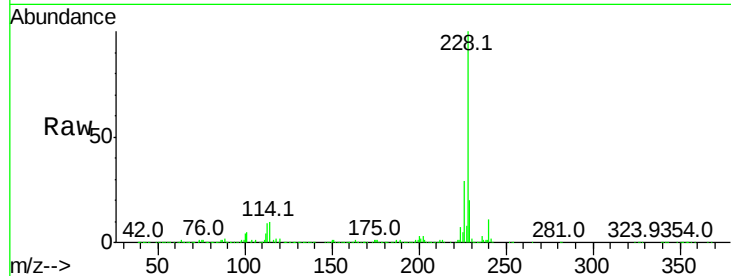




#80
Benzo(a)anthracene
Concen: 42.229 ng
RT: 14.15 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

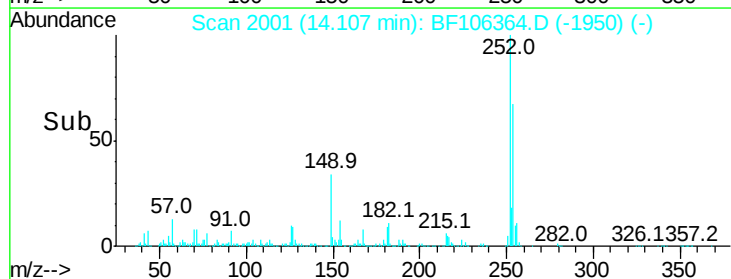
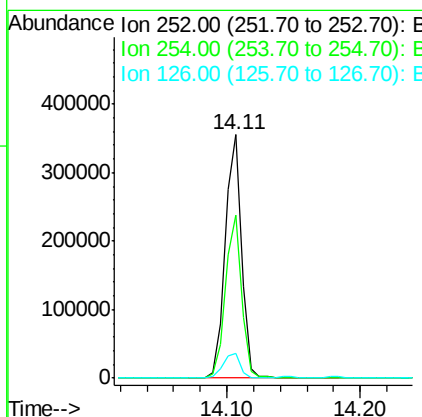
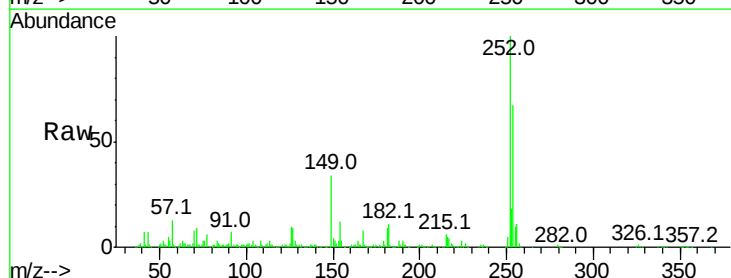
Instrument :
BNA_F
ClientSampled :

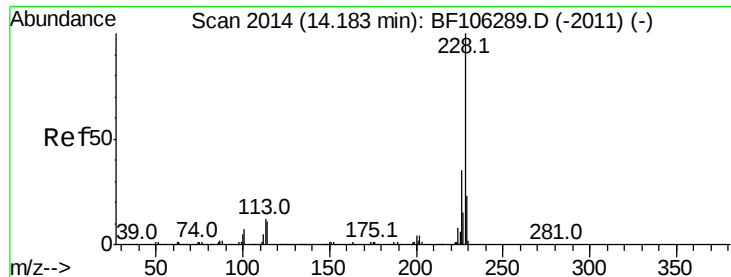
Tot Ion:228 Resp: 789690
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.2 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 49.061 ng
RT: 14.11 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion:252 Resp: 309541
Ion Ratio Lower Upper
252 100
254 66.9 50.4 75.6
126 10.3 11.3 16.9#





#82

Chrysene

Concen: 41.835 ng

RT: 14.18 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

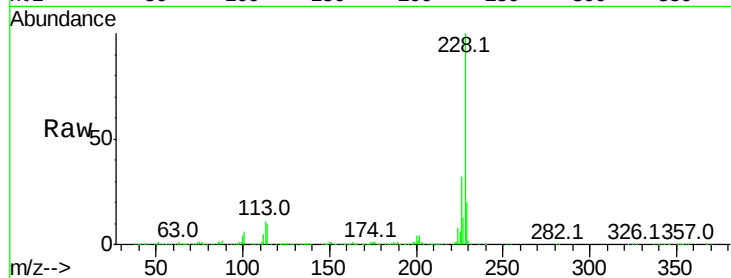
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 714251

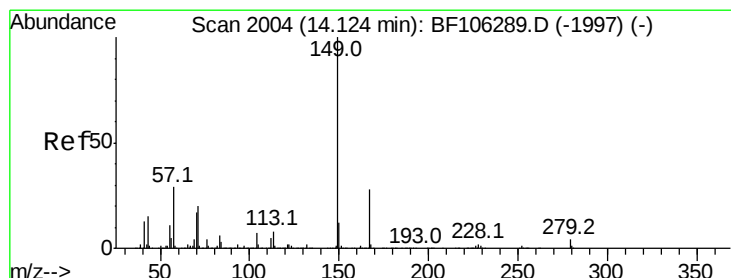
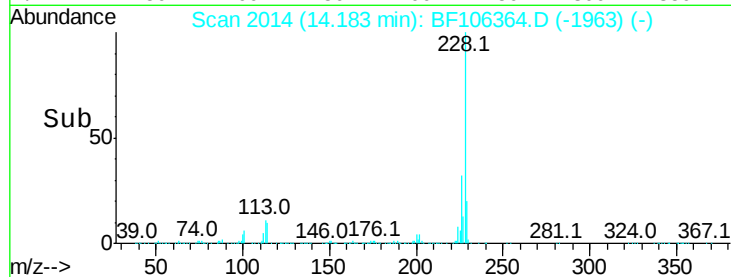
Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	20.2	16.2	24.4



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: 50.727 ng

RT: 14.12 min Scan# 2003

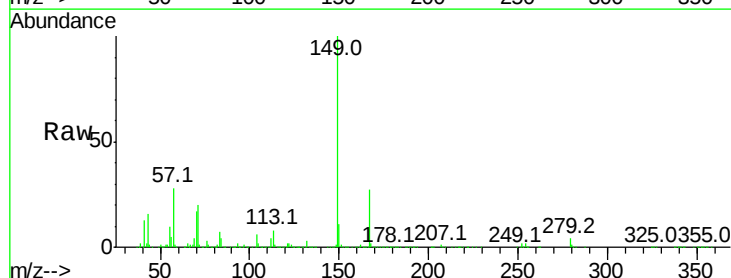
Delta R.T. -0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Tgt Ion:149 Resp: 535621

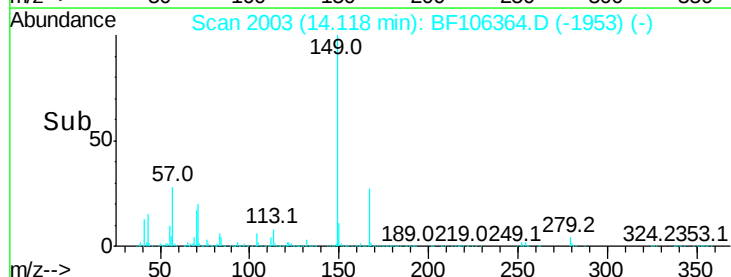
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	4.0	3.0	4.4

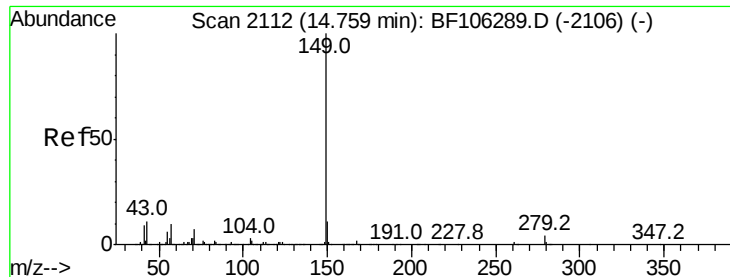


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 58.637 ng

RT: 14.74 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampleId :

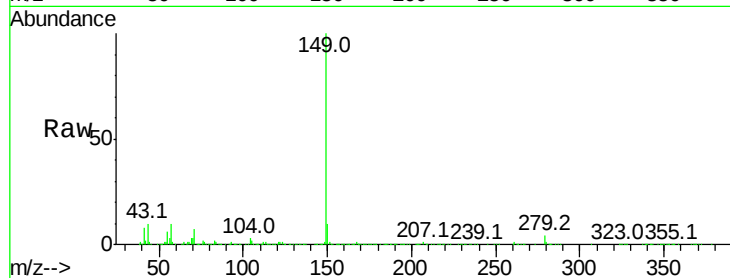
Tot Ion:149 Resp: 892589

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

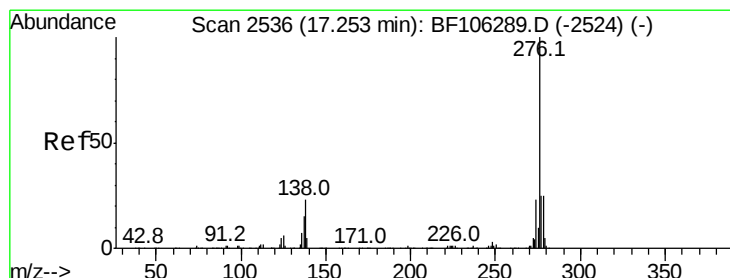
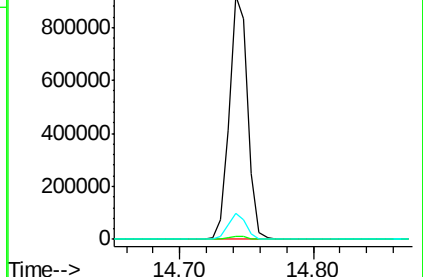
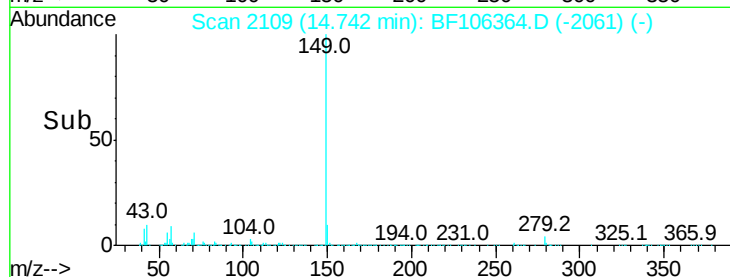
43 9.8 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 38.354 ng

RT: 17.26 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

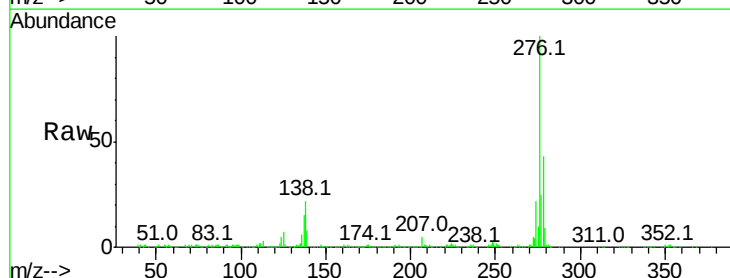
Tgt Ion:276 Resp: 522607

Ion Ratio Lower Upper

276 100

138 25.4 25.0 37.6

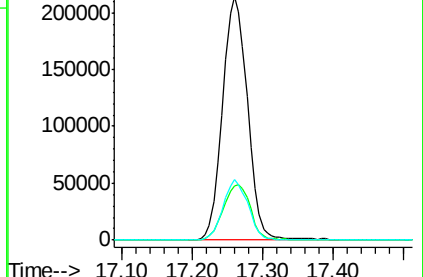
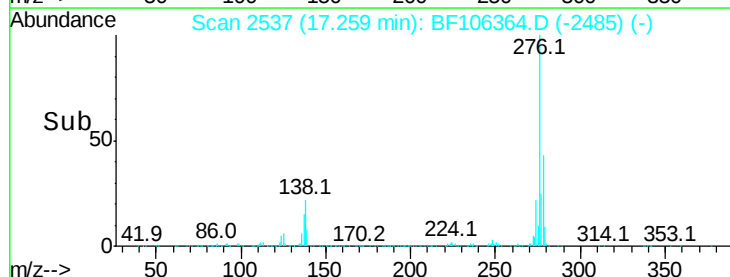
277 25.3 20.1 30.1

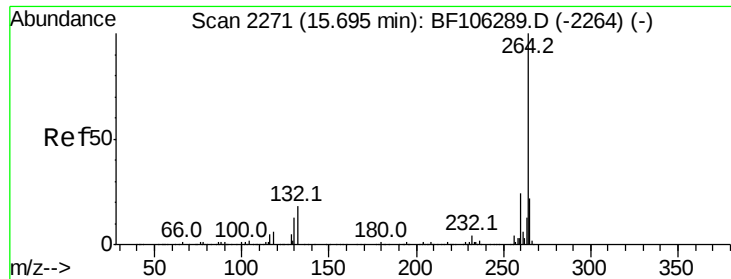


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

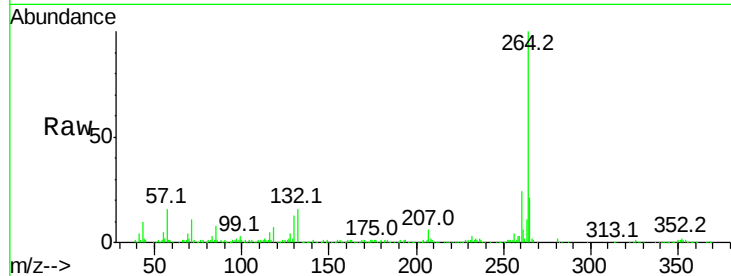
Instrument :

BNA_F

ClientSampled :

Tot Ion:264 Resp: 230256

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.7	17.5	26.3

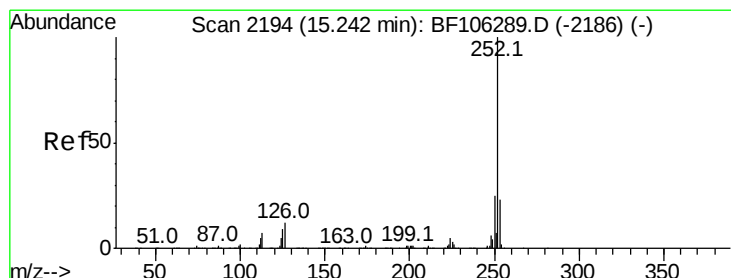
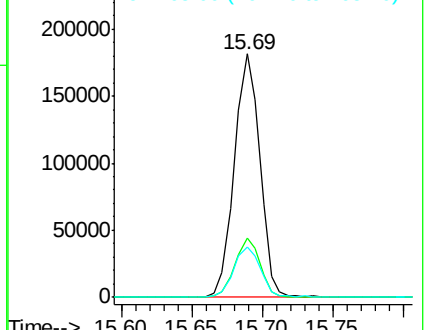
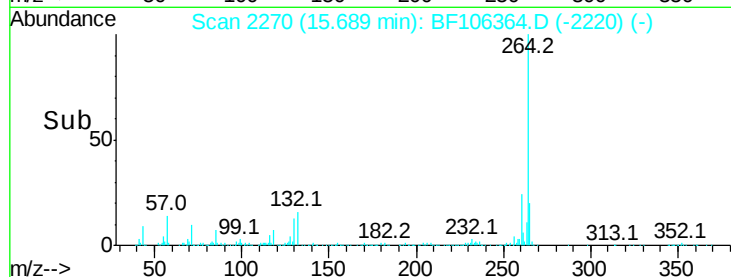


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 42.414 ng

RT: 15.27 min Scan# 2198

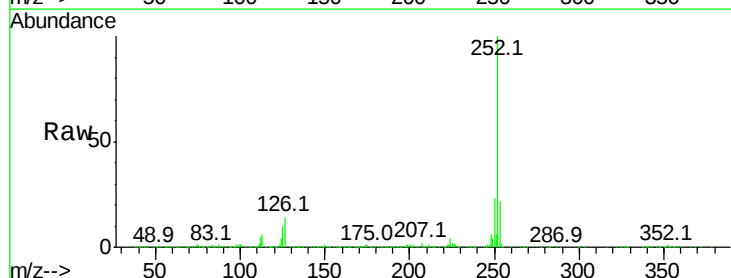
Delta R.T. 0.02 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Tgt Ion:252 Resp: 590351

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	9.5	9.0	13.6

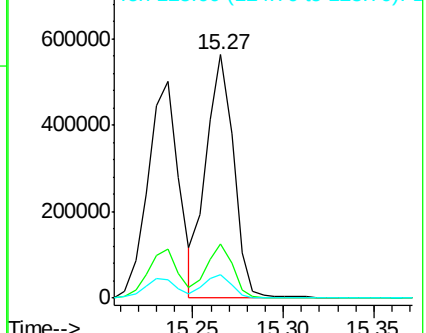
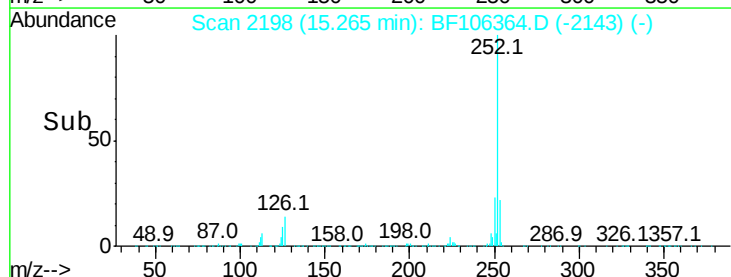


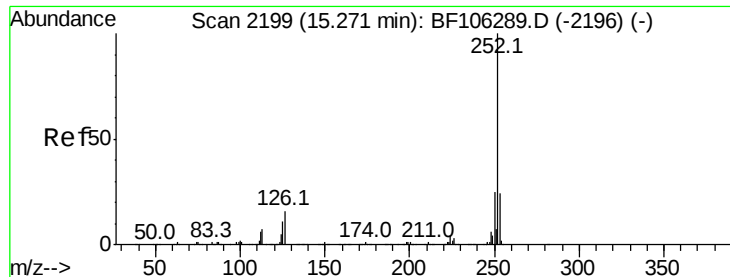
Abundance

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

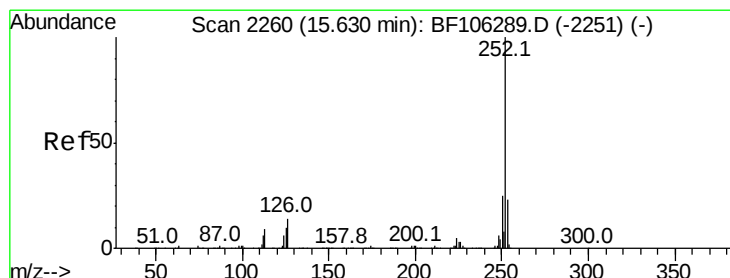
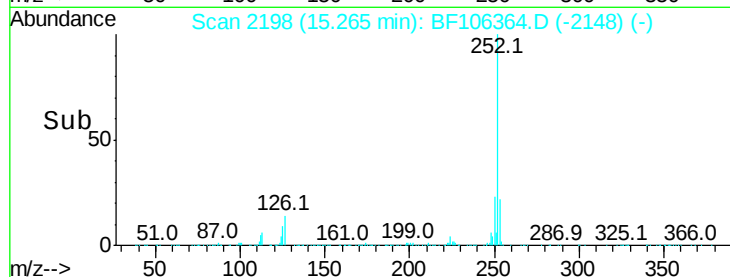
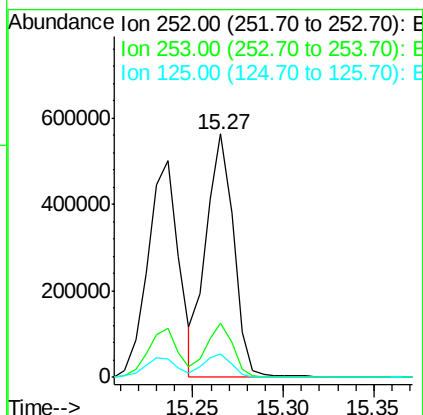
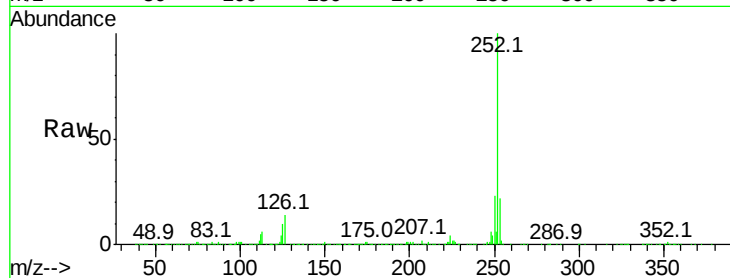




#88
Benzo(k)fluoranthene
Concen: 42.827 ng
RT: 15.27 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

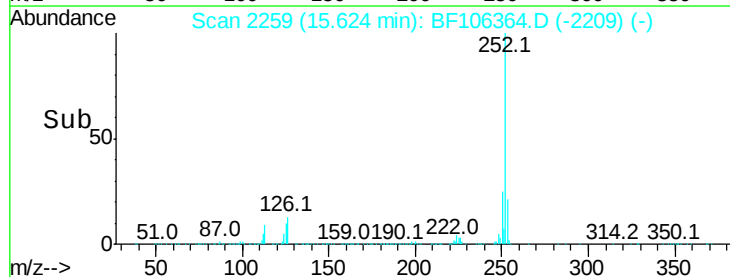
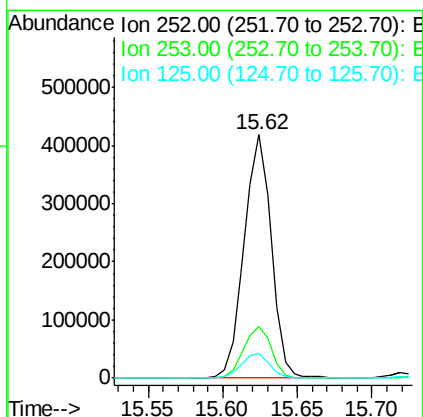
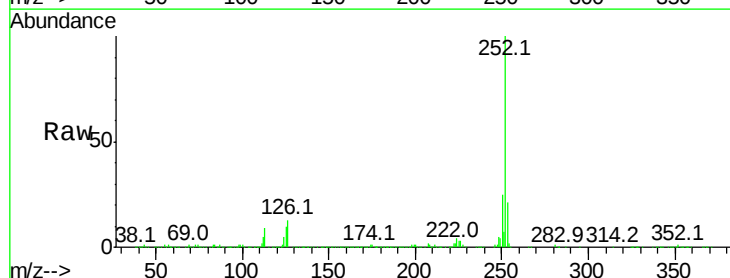
Instrument :
BNA_F
ClientSampleId :

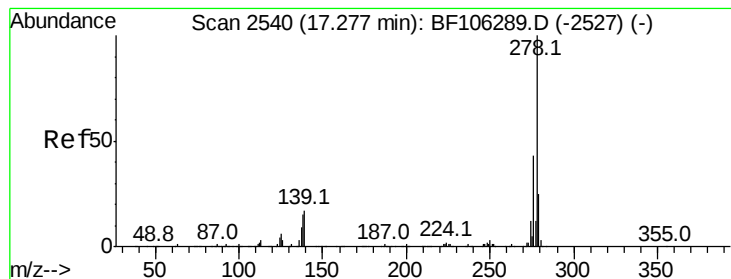
Tot Ion:252 Resp: 590351
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 9.5 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 42.186 ng
RT: 15.62 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF106364.D
Acq: 13 Jun 2018 00:31

Tgt Ion:252 Resp: 528136
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 10.1 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 43.192 ng

RT: 17.28 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

Instrument :

BNA_F

ClientSampleId :

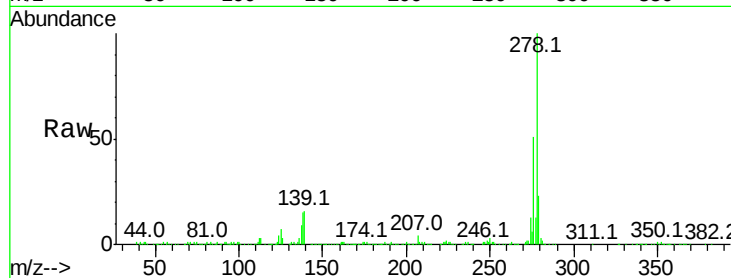
Tot Ion:278 Resp: 450806

Ion	Ratio	Lower	Upper
278	100		
139	16.5	15.9	23.9
279	23.3	19.0	28.4

278 100

139 16.5 15.9 23.9

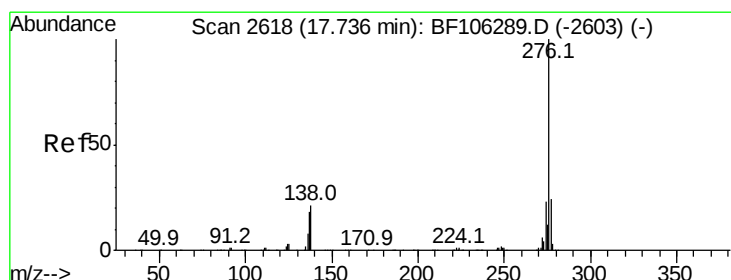
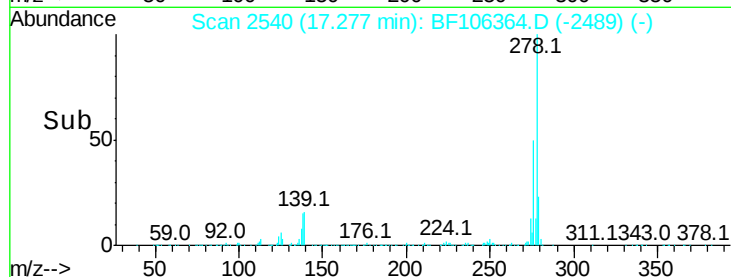
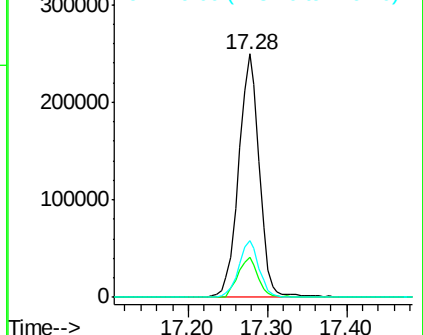
279 23.3 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 40.972 ng

RT: 17.74 min Scan# 2618

Delta R.T. 0.00 min

Lab File: BF106364.D

Acq: 13 Jun 2018 00:31

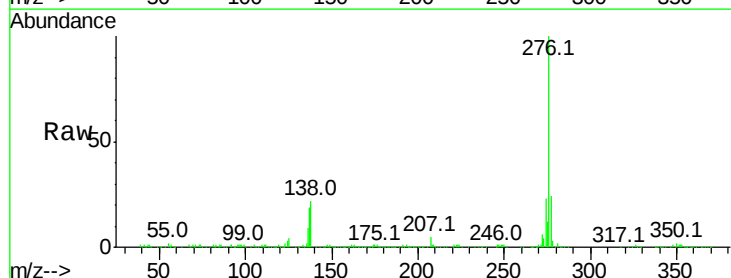
Tgt Ion:276 Resp: 415593

Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	22.0	21.8	32.8

276 100

277 23.7 17.9 26.9

138 22.0 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

