

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106714.D
 Acq On : 22 Jun 2018 17:57
 Operator : JU/SJ
 Sample : PB110505BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110505BS

Manual Integrations
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 6/25/2018 5:16:50 PM

Quant Time: Jun 22 22:59:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	56289	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	223836	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	124144	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	262128	20.00	ng	0.00
75) Chrysene-d12	14.15	240	213032	20.00	ng	0.00
86) Perylene-d12	15.69	264	172795	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	362197	108.96	ng	0.00
7) Phenol-d6	6.61	99	467529	112.62	ng	0.00
23) Nitrobenzene-d5	7.52	82	309637	76.88	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	179402	124.68	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	590224	79.52	ng	0.00
78) Terphenyl-d14	13.08	244	758192	86.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	50748	29.694	ng	98
3) Pyridine	3.65	79	150086	32.382	ng	98
4) n-Nitrosodimethylamine	3.62	42	61514	31.248	ng	87
6) Aniline	6.63	93	120586	21.414	ng	99
8) 2-Chlorophenol	6.75	128	134707	36.946	ng	98
9) Benzaldehyde	6.51	77	64957	20.082	ng	99
10) Phenol	6.62	94	162304	34.259	ng	87
11) bis(2-Chloroethyl)ether	6.70	93	136981	35.024	ng	100
12) 1,3-Dichlorobenzene	6.90	146	158561	37.131	ng	99
13) 1,4-Dichlorobenzene	6.98	146	158899	36.805	ng	98
14) 1,2-Dichlorobenzene	7.13	146	147291	37.226	ng	97
15) Benzyl Alcohol	7.10	79	120648	36.195	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	201798	39.325	ng	89
17) 2-Methylphenol	7.22	107	116970	37.488	ng	# 92
18) Hexachloroethane	7.47	117	56101	36.952	ng	94
19) n-Nitroso-di-n-propylamine	7.37	70	91683	33.505	ng	93
20) 3+4-Methylphenols	7.37	107	140499	40.583	ng	# 73
22) Acetophenone	7.37	105	182283	36.400	ng	# 94
24) Nitrobenzene	7.54	77	149645	36.391	ng	98
25) Isophorone	7.78	82	278780	39.279	ng	98
26) 2-Nitrophenol	7.86	139	77276	39.808	ng	97
27) 2,4-Dimethylphenol	7.90	122	130973	43.651	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	177755	37.301	ng	98
29) 2,4-Dichlorophenol	8.11	162	124858	39.747	ng	92
30) 1,2,4-Trichlorobenzene	8.18	180	140197	40.514	ng	98
31) Naphthalene	8.27	128	399989	38.222	ng	99
32) Benzoic acid	8.02	122	57906	29.095	ng	96
33) 4-Chloroaniline	8.31	127	53343	12.148	ng	98
34) Hexachlorobutadiene	8.37	225	91888	40.751	ng	98
35) Caprolactam	8.69	113	40731m	39.778	ng	
36) 4-Chloro-3-methylphenol	8.81	107	133161	40.274	ng	95
37) 2-Methylnaphthalene	8.96	142	297293	42.859	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	153248	36.655	ng	# 96
40) Hexachlorocyclopentadiene	9.11	237	164404	76.431	ng	98

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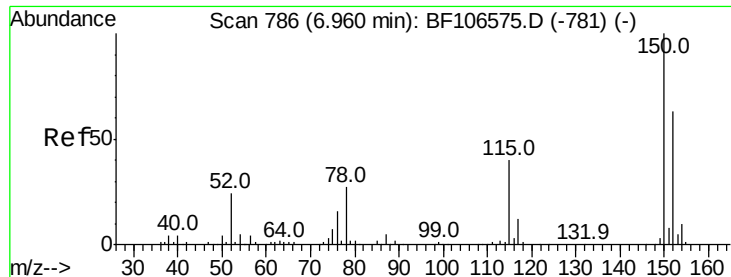
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	95978	34.536	ng	92
43) 2,4,5-Trichlorophenol	9.29	196	100747	34.742	ng	# 87
45) 1,1'-Biphenyl	9.42	154	357566	36.141	ng	99
46) 2-Chloronaphthalene	9.45	162	265799	34.130	ng	97
47) 2-Nitroaniline	9.55	65	86636	33.083	ng	95
48) Acenaphthylene	9.87	152	426866	34.718	ng	99
49) Dimethylphthalate	9.72	163	324522	34.854	ng	98
50) 2,6-Dinitrotoluene	9.79	165	76449	38.775	ng	87
51) Acenaphthene	10.04	154	256733	33.159	ng	97
52) 3-Nitroaniline	9.96	138	37467	16.514	ng	93
53) 2,4-Dinitrophenol	10.07	184	67307	66.618	ng	# 16
54) Dibenzofuran	10.21	168	401224	37.845	ng	96
55) 4-Nitrophenol	10.14	139	96065	60.660	ng	98
56) 2,4-Dinitrotoluene	10.20	165	102867	39.971	ng	88
57) Fluorene	10.55	166	313774	37.297	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	95456	41.410	ng	# 79
59) Diethylphthalate	10.42	149	311362	34.647	ng	# 94
60) 4-Chlorophenyl-phenylether	10.54	204	160230	36.401	ng	# 85
61) 4-Nitroaniline	10.58	138	78302	34.775	ng	97
62) Azobenzene	10.70	77	301290	34.046	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	55854	34.471	ng	# 72
65) n-Nitrosodiphenylamine	10.67	169	279850	31.741	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	115108	36.795	ng	# 77
67) Hexachlorobenzene	11.10	284	122086	37.287	ng	# 86
68) Atrazine	11.19	200	105164	37.520	ng	94
69) Pentachlorophenol	11.30	266	99703	61.028	ng	99
70) Phenanthrene	11.52	178	475044	37.574	ng	99
71) Anthracene	11.58	178	491323	38.073	ng	99
72) Carbazole	11.73	167	437151	36.182	ng	98
73) Di-n-butylphthalate	12.04	149	507016	35.621	ng	99
74) Fluoranthene	12.71	202	539621	38.724	ng	96
76) Benzidine	12.83	184	203674	33.570	ng	97
77) Pyrene	12.95	202	546665	38.914	ng	99
79) Butylbenzylphthalate	13.55	149	210685	36.477	ng	# 97
80) Benzo(a)anthracene	14.14	228	475081	36.591	ng	100
81) 3,3'-Dichlorobenzidine	14.09	252	69244	15.174	ng	# 97
82) Chrysene	14.18	228	439272	36.775	ng	100
83) Bis(2-ethylhexyl)phthalate	14.11	149	283220	38.355	ng	# 95
84) Di-n-octyl phthalate	14.74	149	429336	35.669	ng	96
85) Indeno(1,2,3-cd)pyrene	17.27	276	414953	40.935	ng	# 89
87) Benzo(b)fluoranthene	15.24	252	399134	37.184	ng	# 96
88) Benzo(k)fluoranthene	15.27	252	356349	34.861	ng	# 95
89) Benzo(a)pyrene	15.63	252	364783	38.228	ng	# 96
90) Dibenzo(a,h)anthracene	17.28	278	340105	42.056	ng	# 94
91) Benzo(g,h,i)perylene	17.75	276	358302	45.330	ng	# 90

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



#1

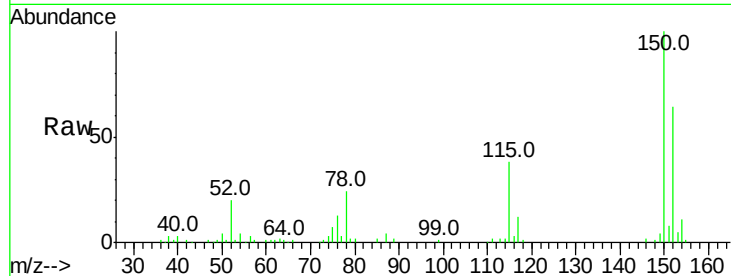
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampled :
PB110505BS

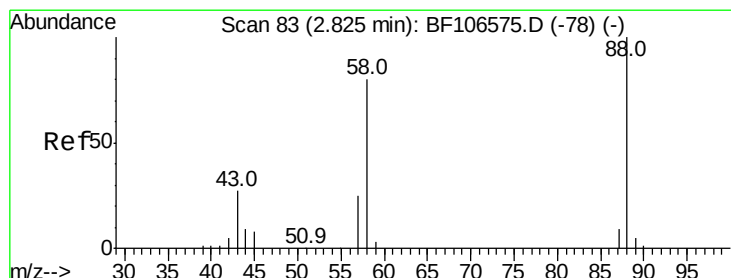
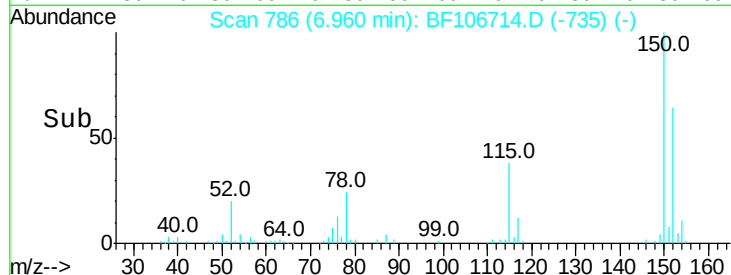
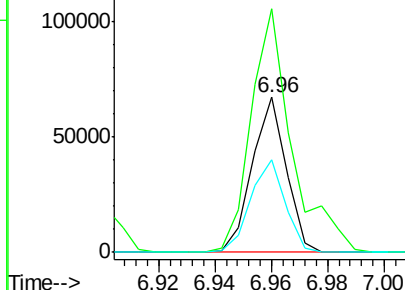
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	59.7	50.1	75.1

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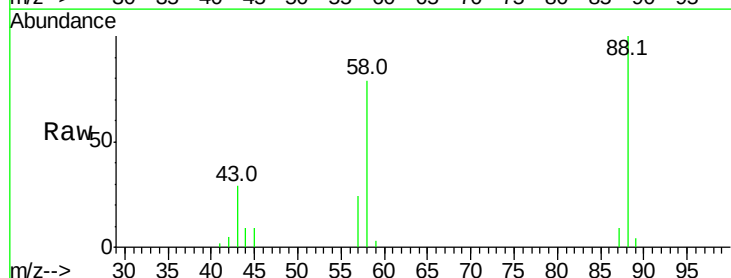
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



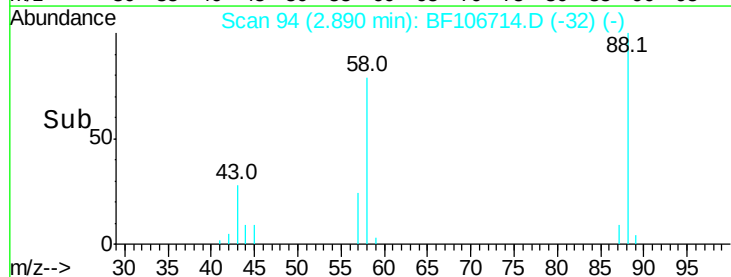
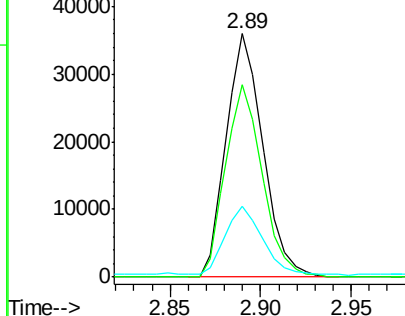
#2

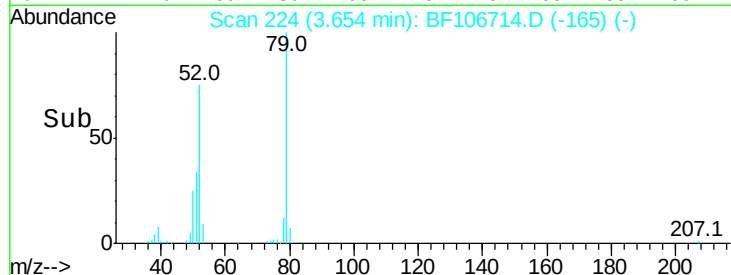
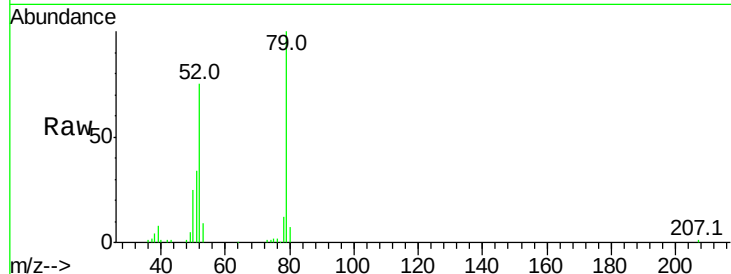
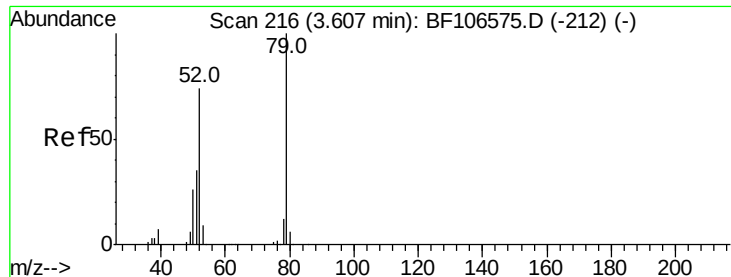
1,4-Dioxane
Concen: 29.694 ng
RT: 2.89 min Scan# 94
Delta R.T. 0.06 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.3	62.6	93.8
43	29.1	24.6	37.0



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





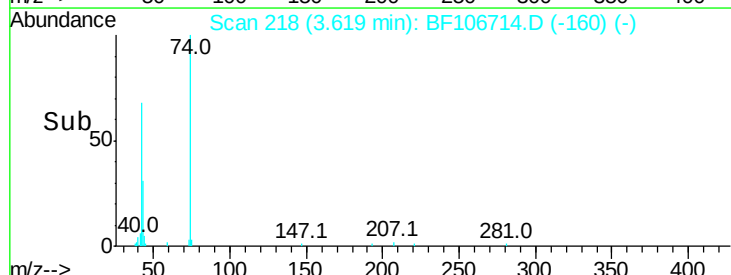
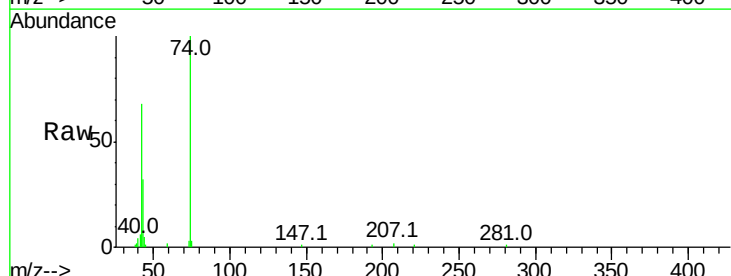
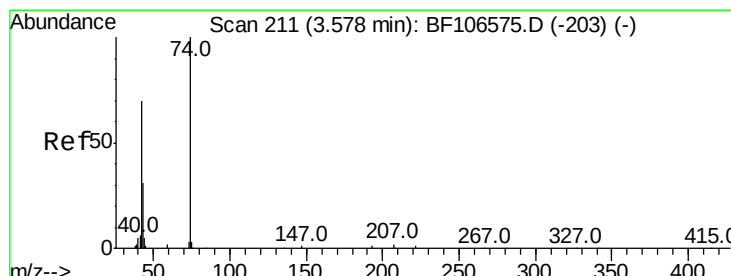
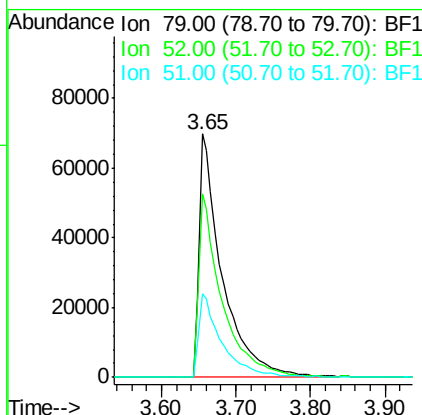
#3
 Pvridine
 Concen: 32.382 ng
 RT: 3.65 min Scan# 224
 Delta R.T. 0.05 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	75.4	59.8	89.6		
51	34.3	29.8	44.8		

Instrument :
 BNA_F
 ClientSampleId :
 PB110505BS

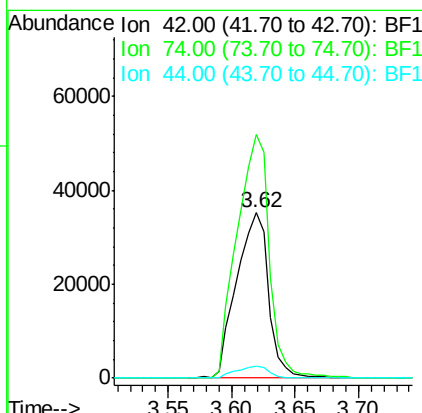
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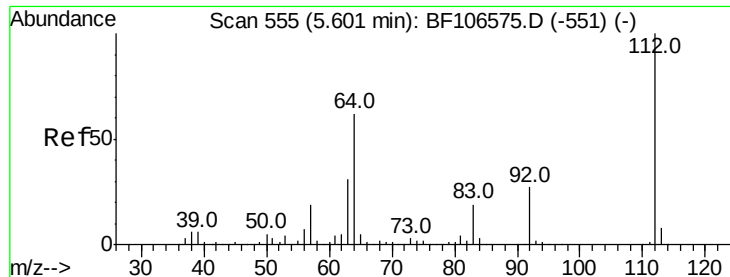
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#4
 n-Nitrosodimethylamine
 Concen: 31.248 ng
 RT: 3.62 min Scan# 218
 Delta R.T. 0.04 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	147.3	104.9	157.3		
44	7.4	6.9	10.3		





#5

2-Fluorophenol

Concen: 108.958 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

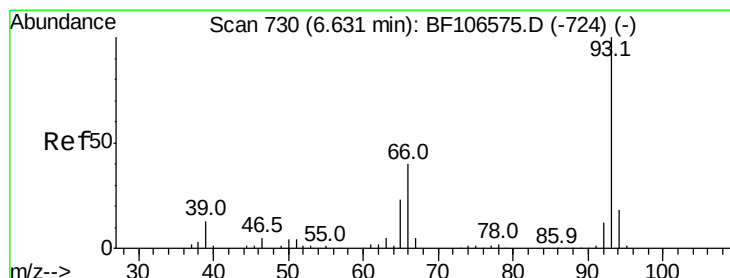
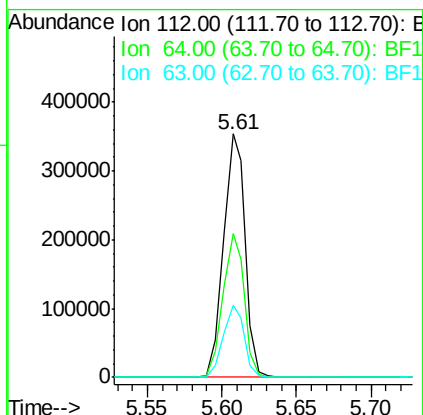
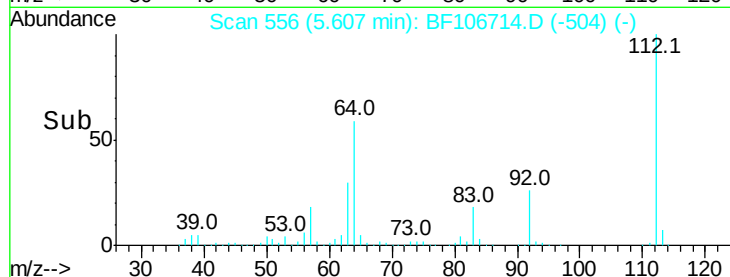
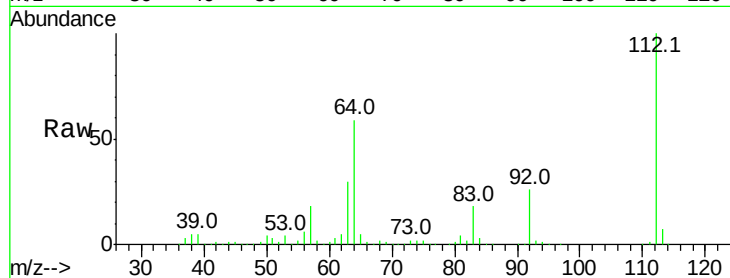
ClientSampleId :

PB110505BS

Tot Ion:	112	Resp:	362197
Ion Ratio	Lower	Upper	
112	100		
64	59.2	47.9	71.9
63	29.6	23.7	35.5

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#6

Aniline

Concen: 21.414 ng

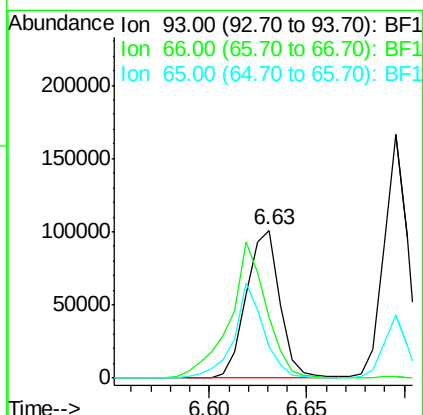
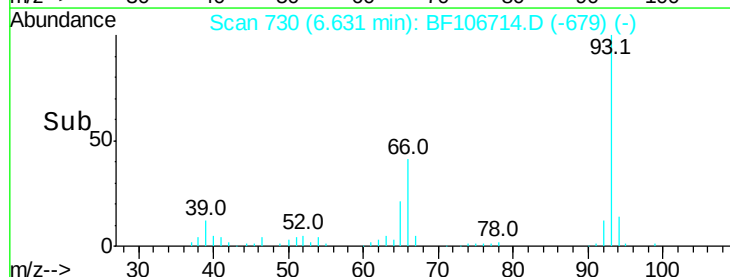
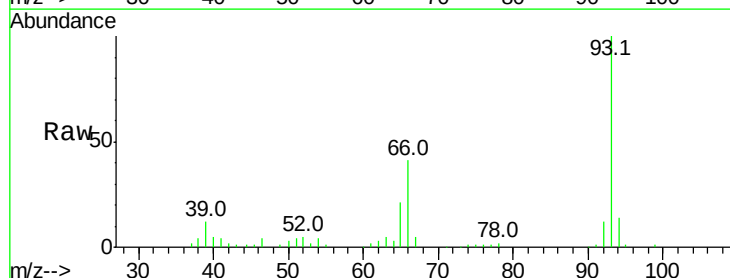
RT: 6.63 min Scan# 730

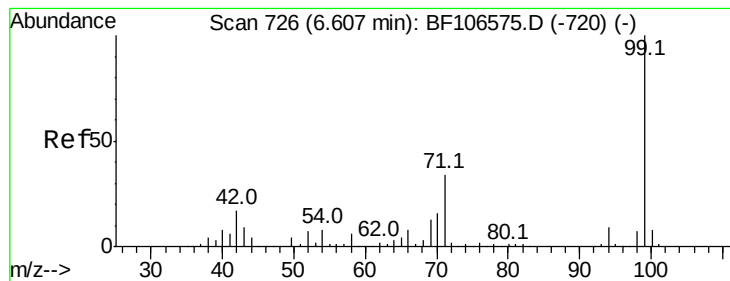
Delta R.T. 0.00 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Tgt Ion:	93	Resp:	120586
Ion Ratio	Lower	Upper	
93	100		
66	40.7	32.2	48.2
65	21.4	16.4	24.6





#7

Phenol-d6

Concen: 112.623 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

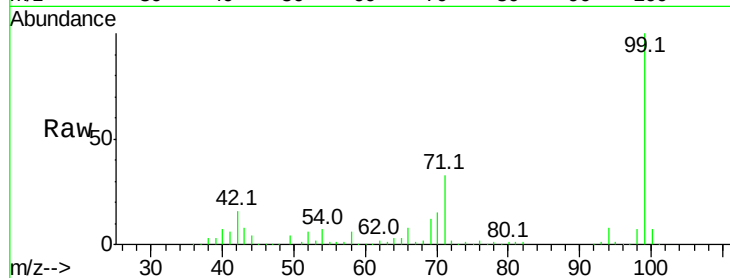
ClientSampled :

PB110505BS

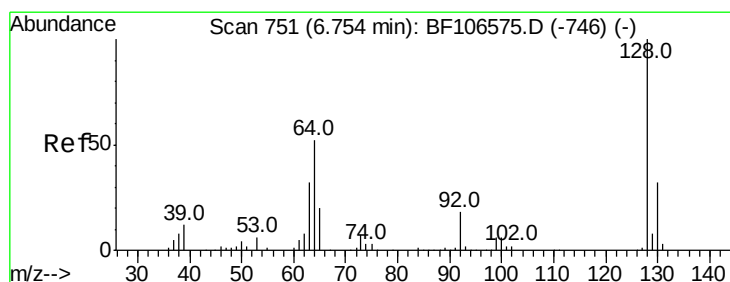
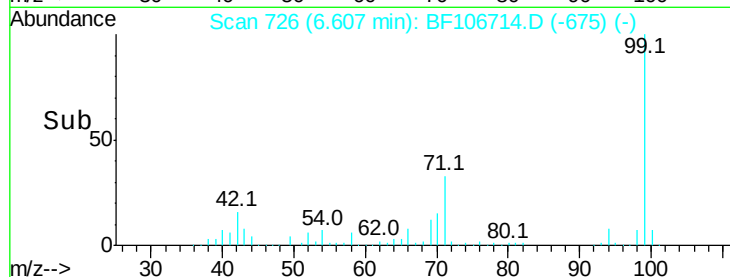
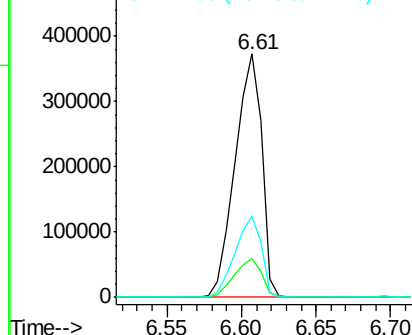
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		467529		
42	16.0	14.5	21.7		
71	33.5	25.4	38.0		

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



#8

2-Chlorophenol

Concen: 36.946 ng

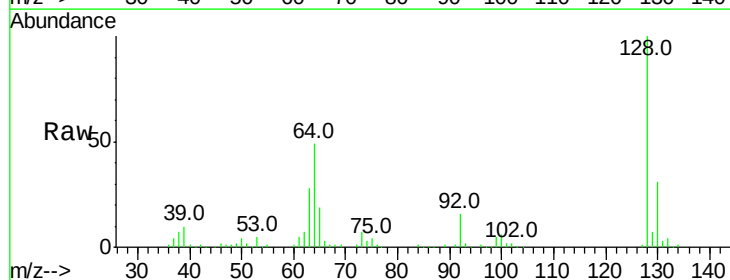
RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

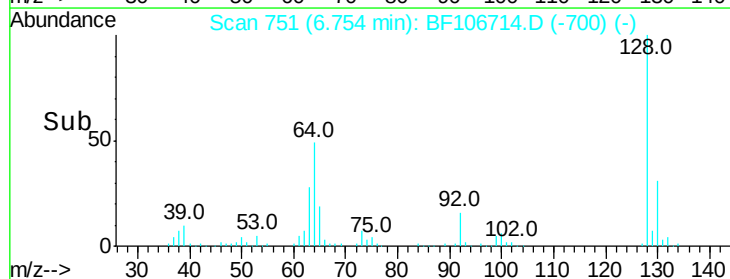
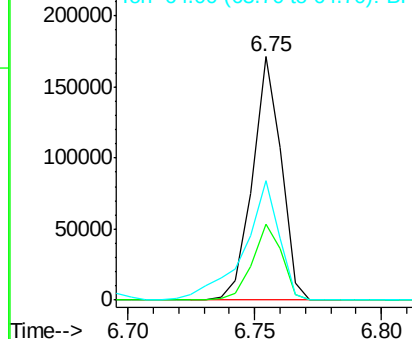
Lab File: BF106714.D

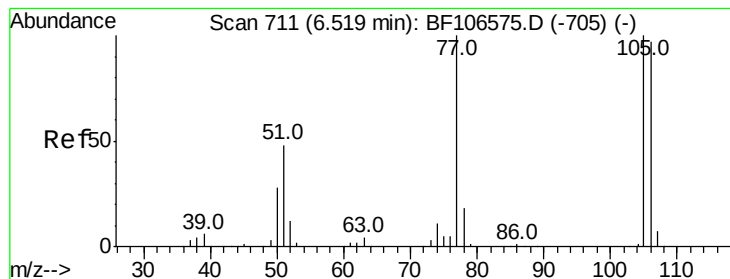
Acq: 22 Jun 2018 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		134707		
130	31.3	13.0	53.0		
64	48.9	29.4	69.4		



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





#9

Benzaldehyde

Concen: 20.082 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

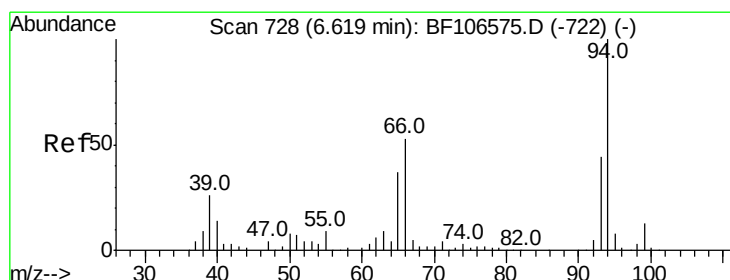
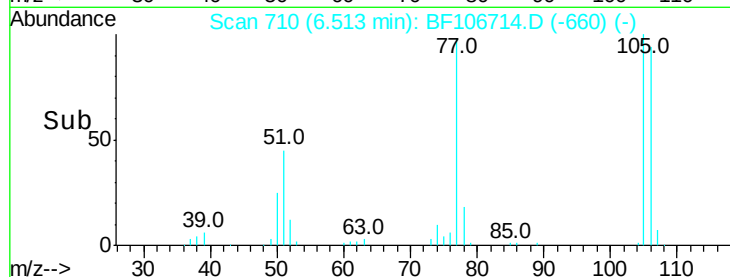
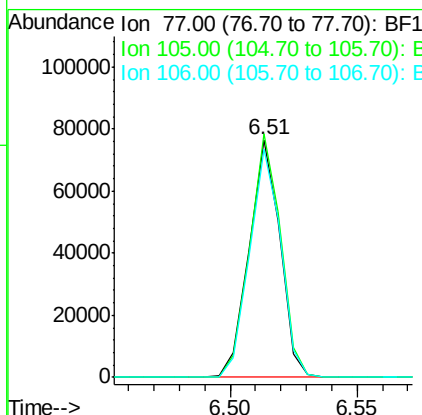
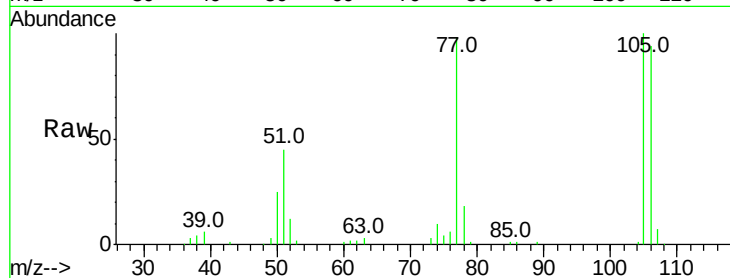
ClientSampleId :

PB110505BS

Tot Ion: 77 Resp: 64957
 Ion Ratio Lower Upper
 77 100
 105 102.5 81.1 121.1
 106 96.0 74.5 114.5

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#10

Phenol

Concen: 34.259 ng

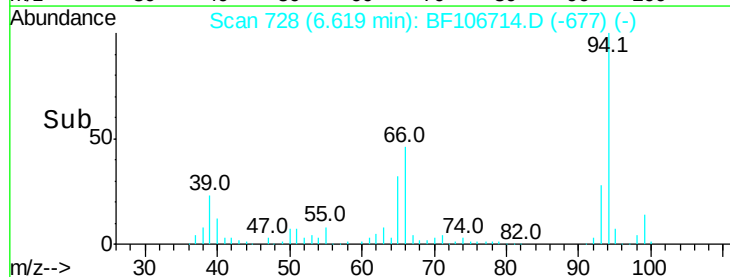
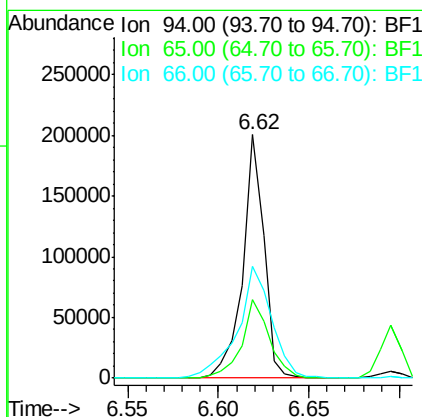
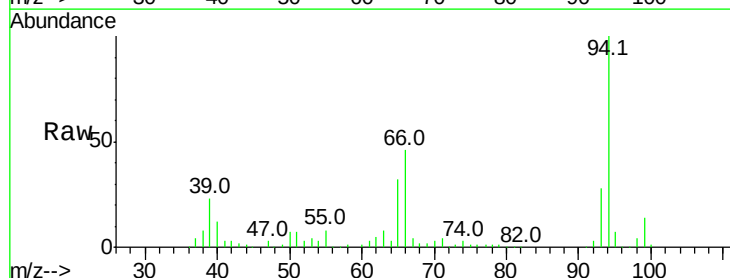
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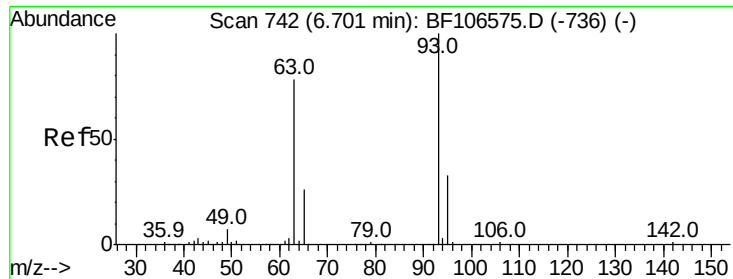
Delta R.T. 0.00 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Tgt Ion: 94 Resp: 162304
 Ion Ratio Lower Upper
 94 100
 65 32.5 7.9 47.9
 66 46.2 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 35.024 ng

RT: 6.70 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

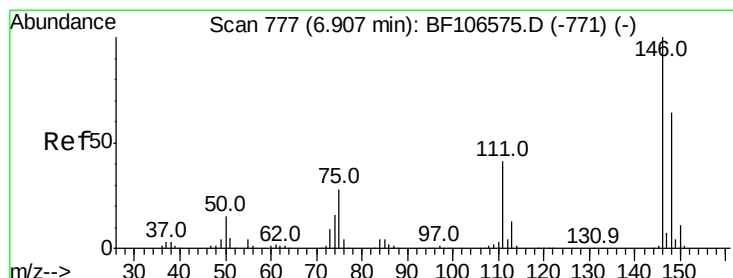
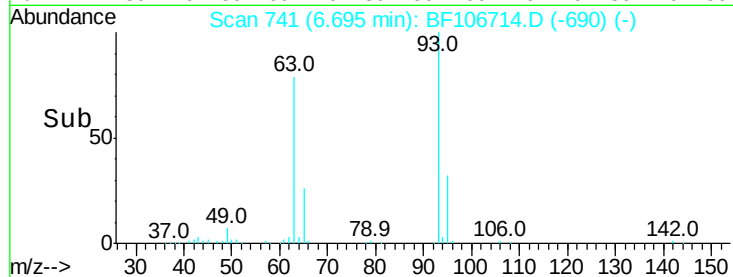
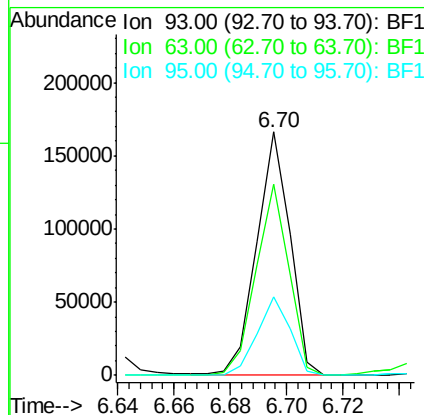
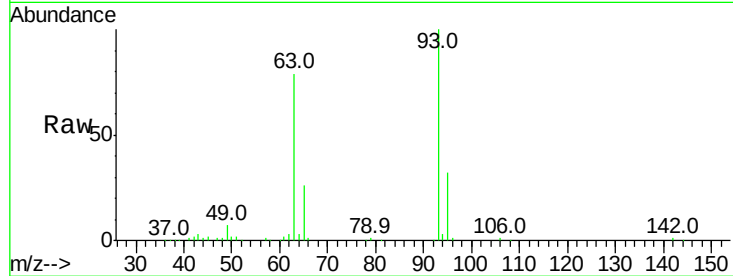
ClientSampleId :

PB110505BS

Tot Ion:	93	Resp:	136981
Ion Ratio	Lower	Upper	
93	100		
63	78.6	58.6	98.6
95	32.1	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 37.131 ng

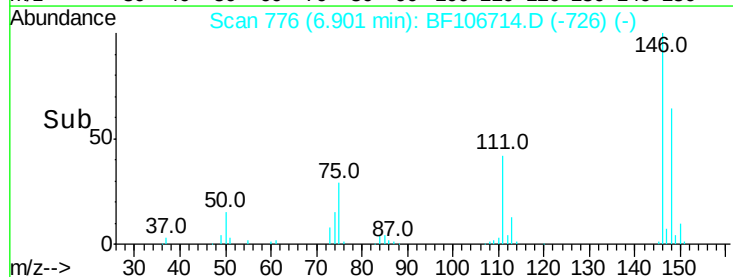
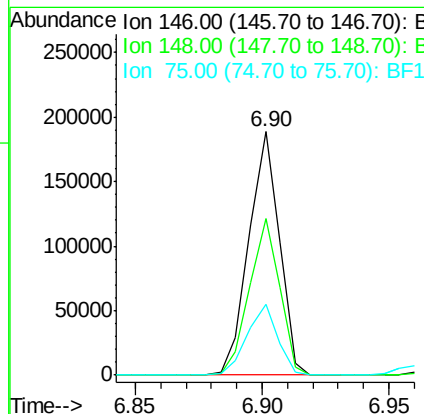
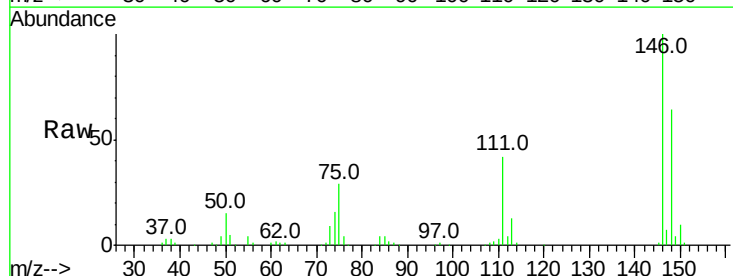
RT: 6.90 min Scan# 776

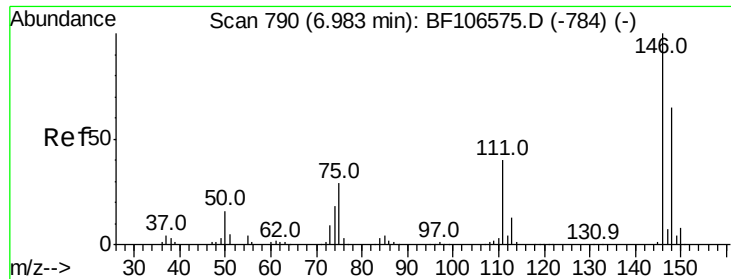
Delta R.T. -0.01 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Tgt Ion:	146	Resp:	158561
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.8
75	28.9	24.2	36.4





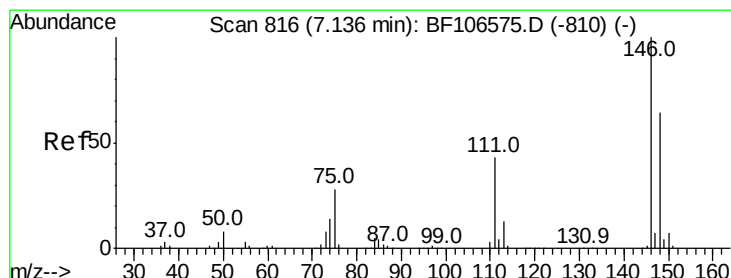
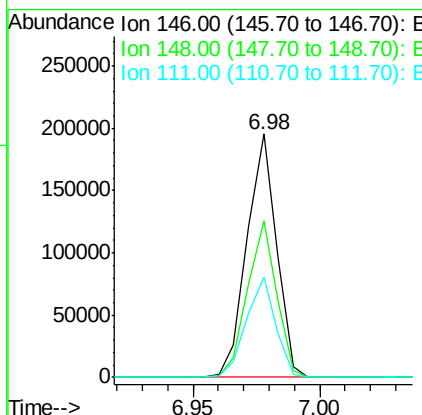
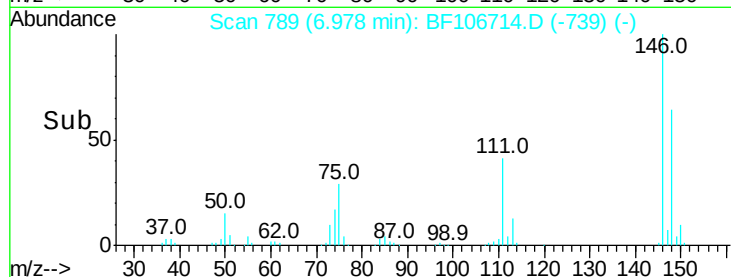
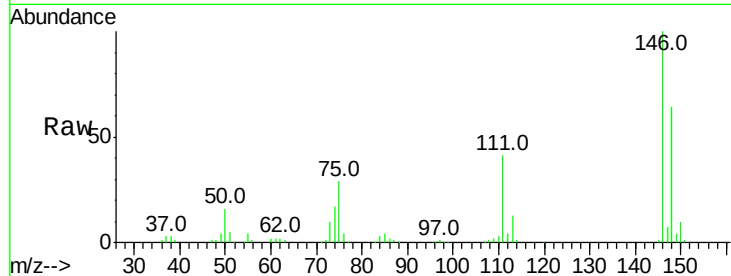
#13
 1,4-Dichlorobenzene
 Concen: 36.805 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB110505BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	41.3	34.2	51.2

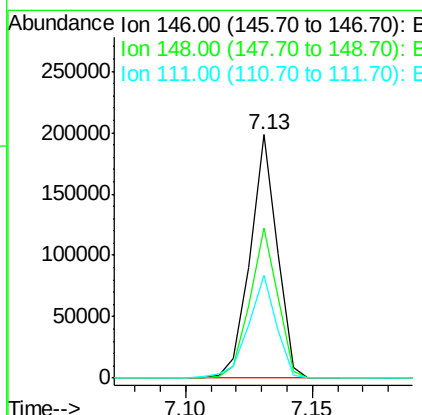
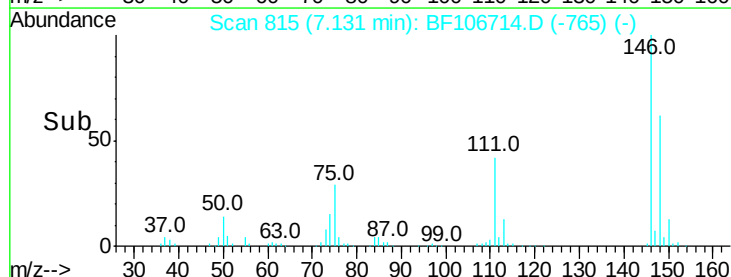
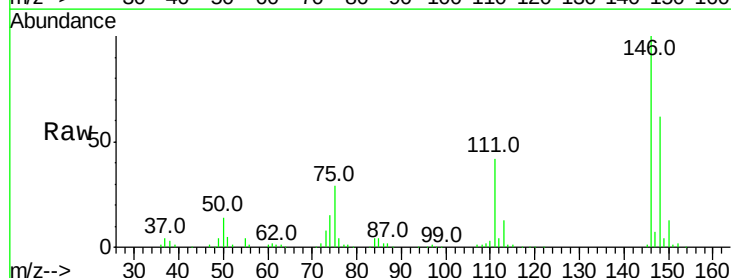
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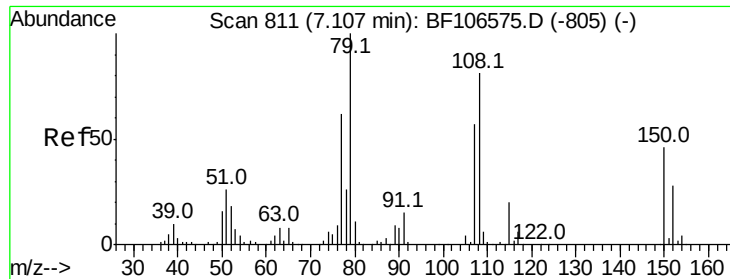
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#14
 1,2-Dichlorobenzene
 Concen: 37.226 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.6	75.8
111	42.1	36.0	54.0





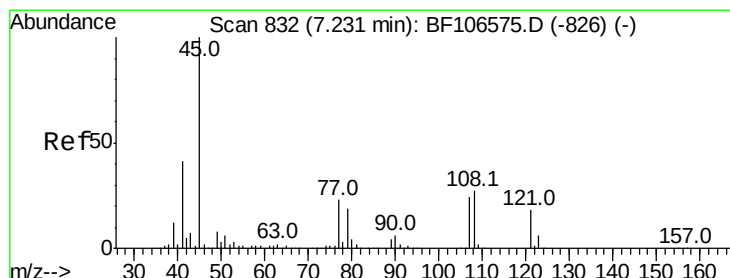
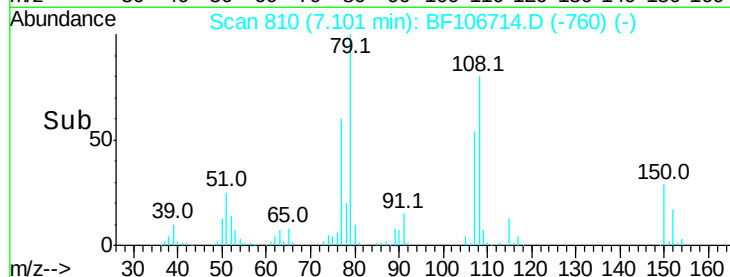
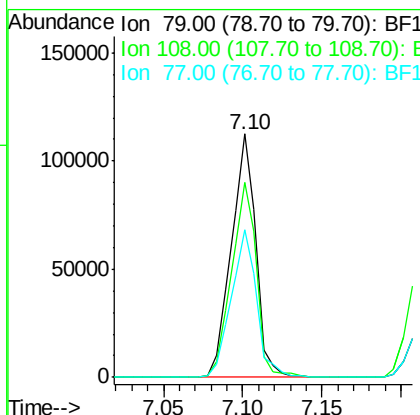
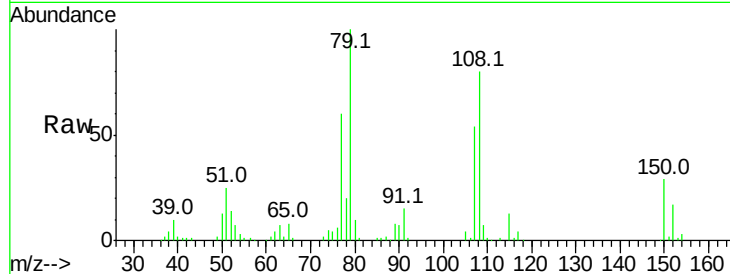
#15
Benzyl Alcohol
Concen: 36.195 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampled :
PB110505BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	79.9	65.1	97.7		
77	60.4	50.6	75.8		

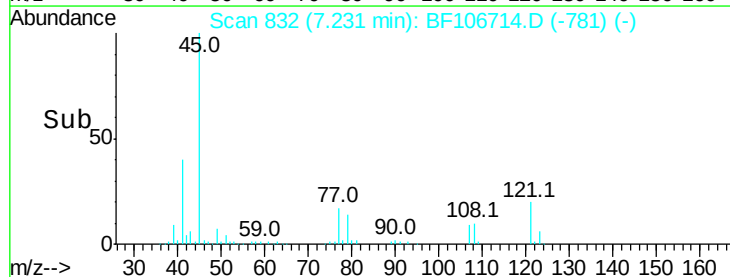
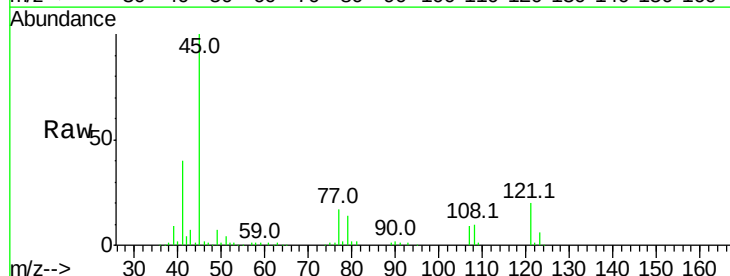
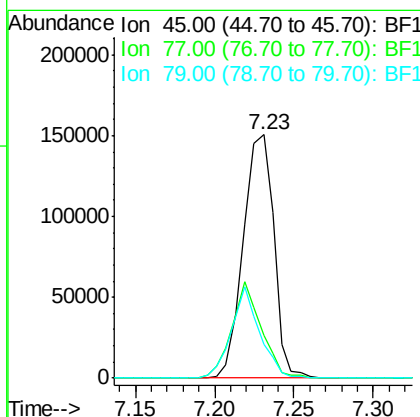
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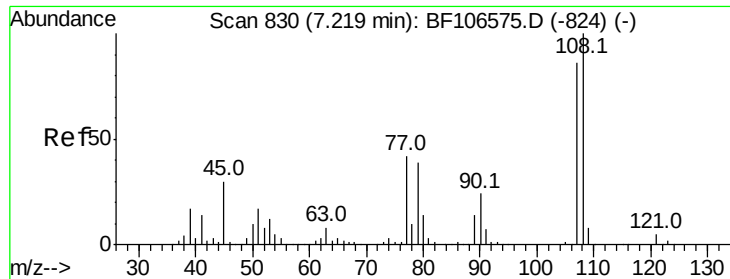
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.325 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	17.4	0.0	32.9		
79	13.9	0.0	29.6		





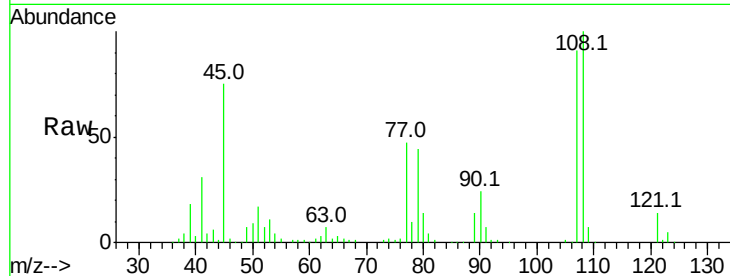
#17
2-Methylphenol
Concen: 37.488 ng
RT: 7.22 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	91.7	137.5	
77	52.0	33.8	50.8	
79	48.8	33.8	50.8	

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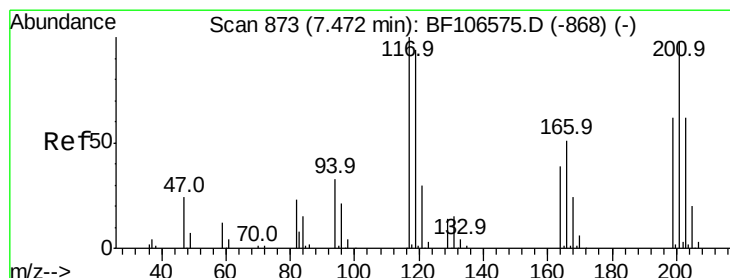
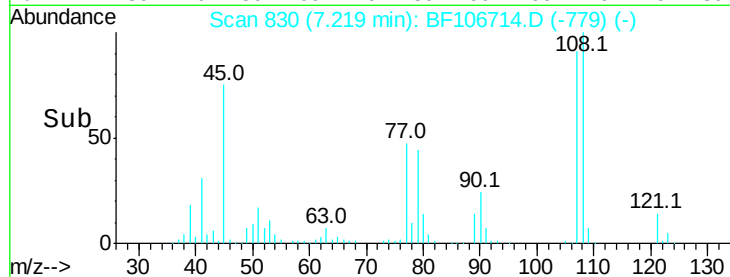
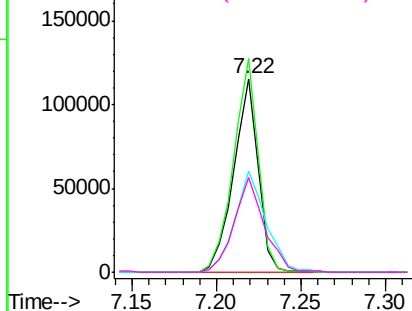
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

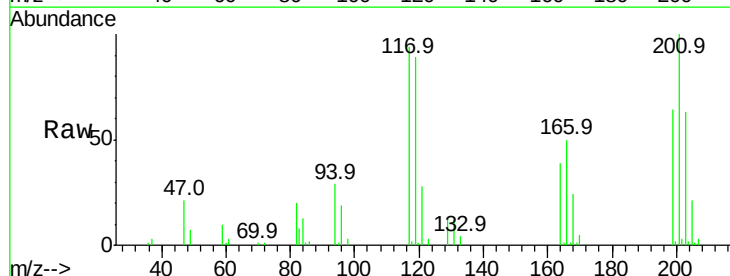
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 36.952 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	75.8	113.8	
201	106.6	75.7	113.5	

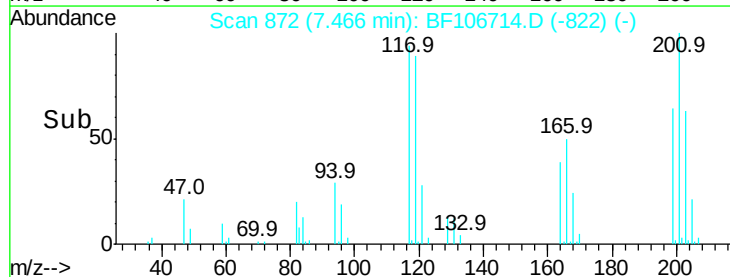
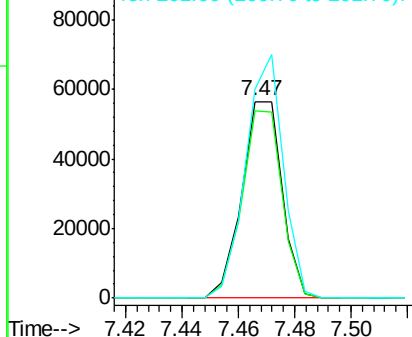


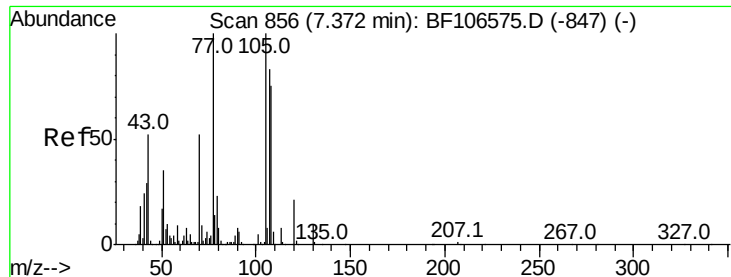
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





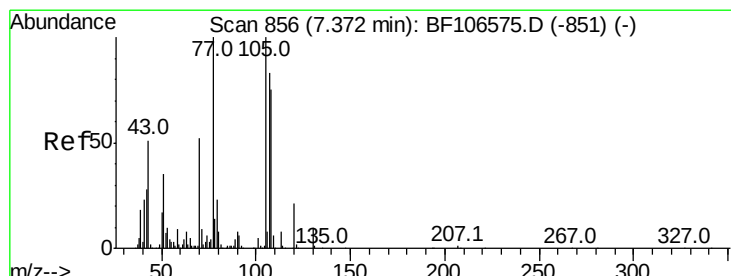
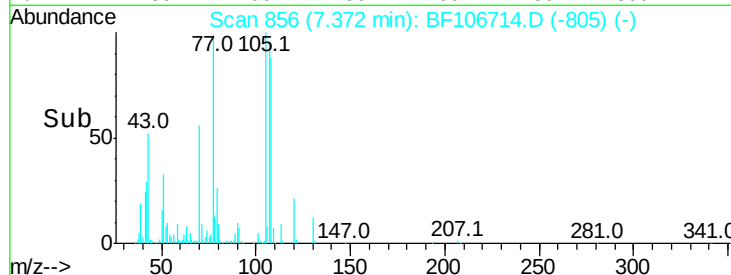
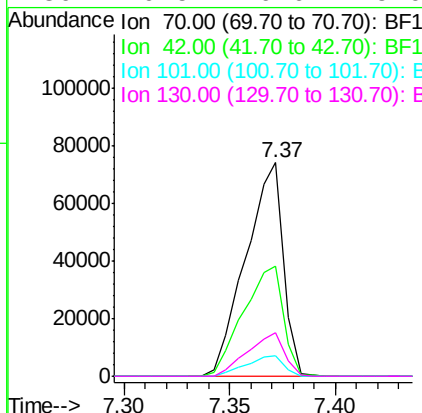
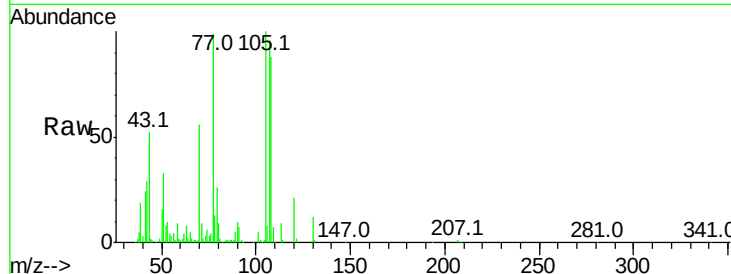
#19
n-Nitroso-di-n-propylamine
Concen: 33.505 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

Tot Ion	70	Resp	91683
Ion	Ratio	Lower	Upper
70	100		
42	51.5	47.5	71.3
101	9.7	7.4	11.2
130	20.5	16.6	25.0

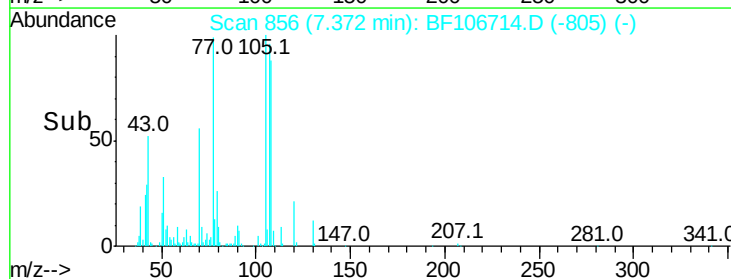
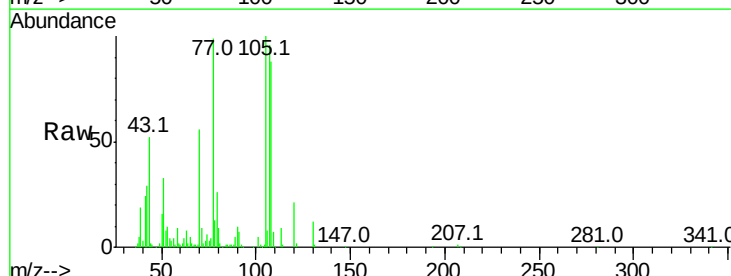
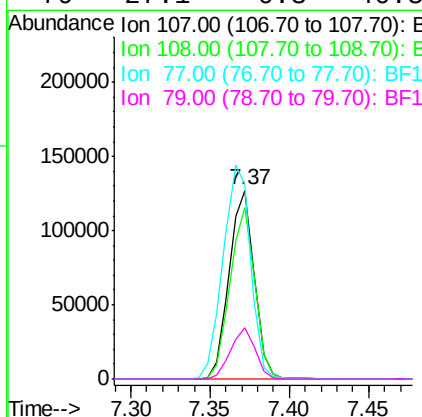
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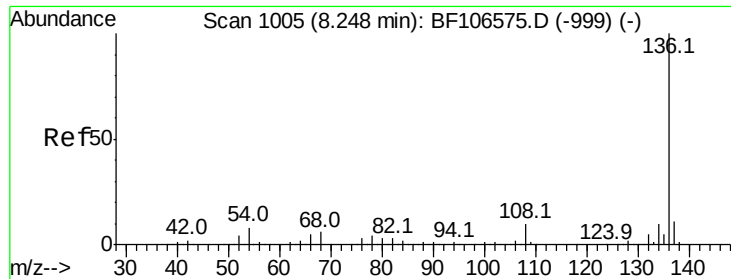
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#20
3+4-Methylphenols
Concen: 40.583 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	107	Resp	140499
Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.2	108.2
77	103.2	26.7	66.7#
79	27.1	6.3	46.3





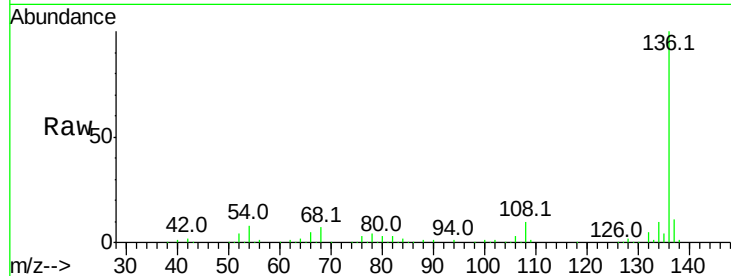
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

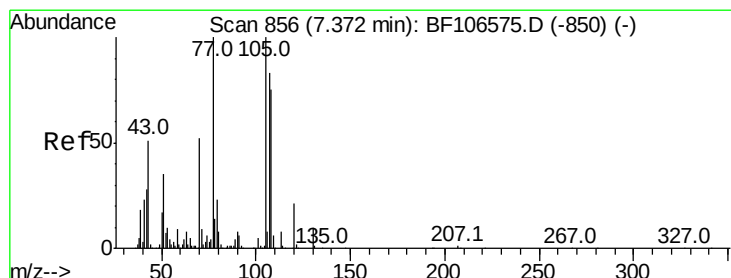
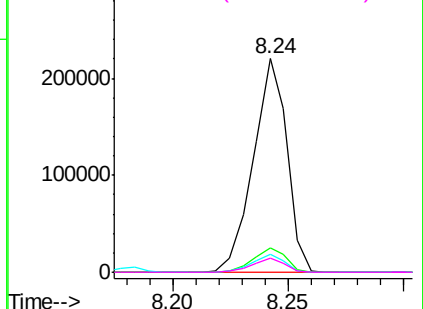
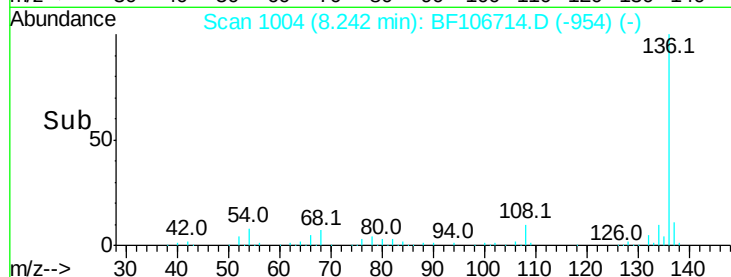
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	8.3	6.6	9.8	
68	6.7	5.0	7.4	

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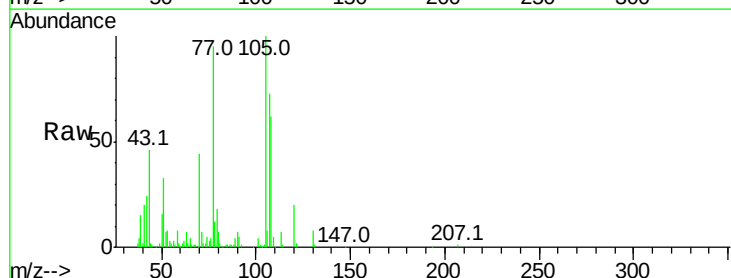


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

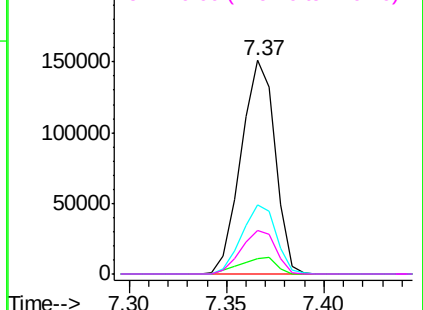
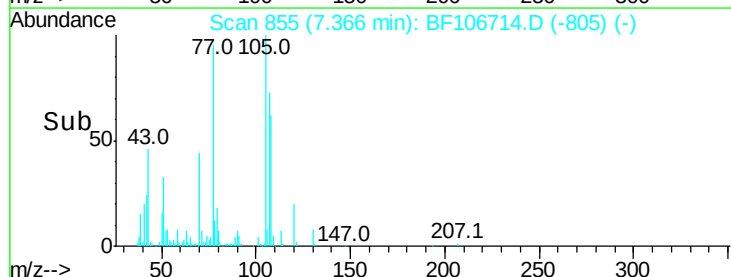


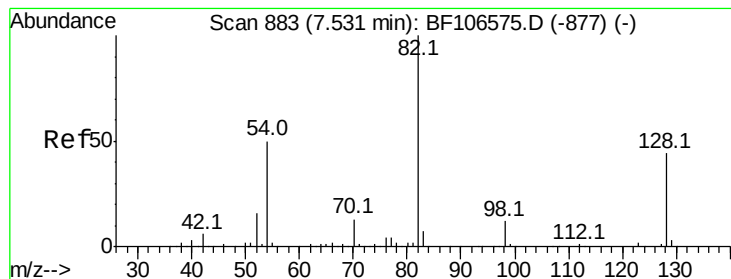
#22
Acetophenone
Concen: 36.400 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.5	4.4	6.6#	
51	32.6	22.3	33.5	
120	20.4	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: 76.876 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

ClientSampleId :

PB110505BS

Tot Ion: 82 Resp: 309637
Ion Ratio Lower Upper

82 100

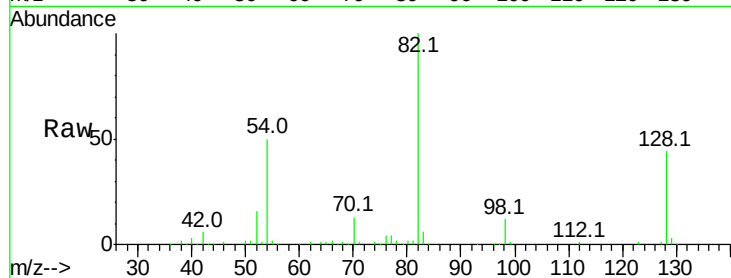
128 44.2 36.1 54.1

54 50.2 41.4 62.2

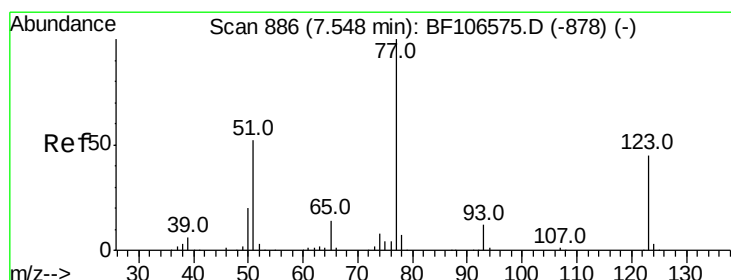
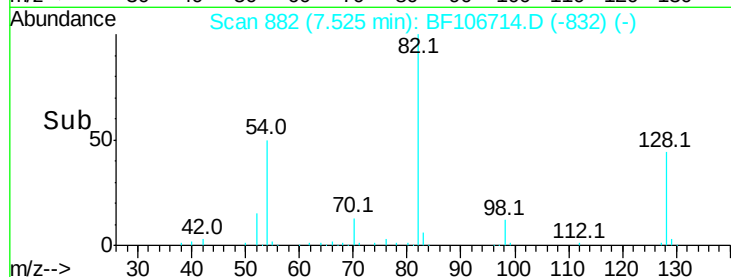
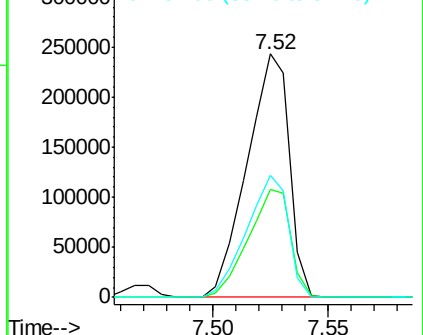
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 36.391 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF106714.D

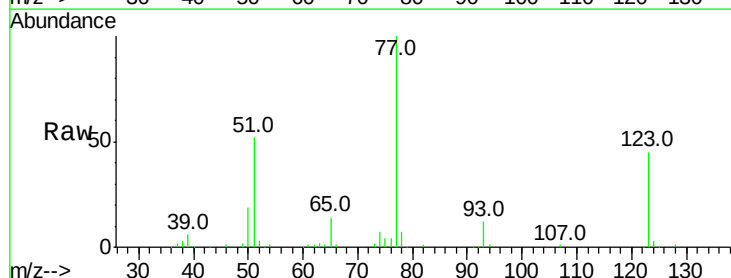
Acq: 22 Jun 2018 17:57

Tgt Ion: 77 Resp: 149645
Ion Ratio Lower Upper

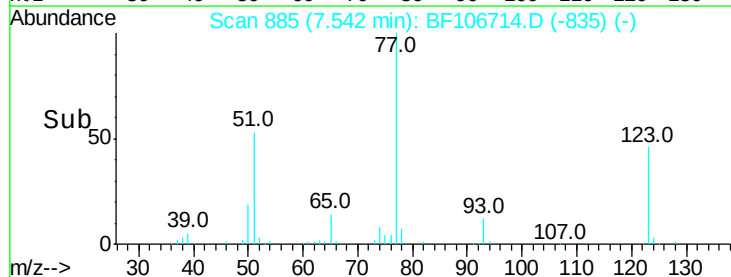
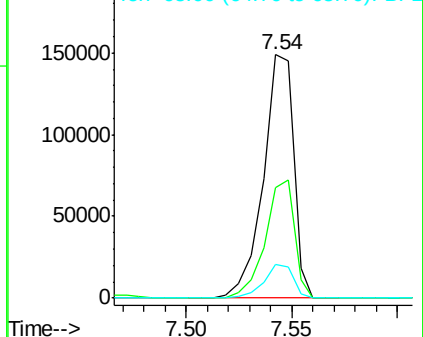
77 100

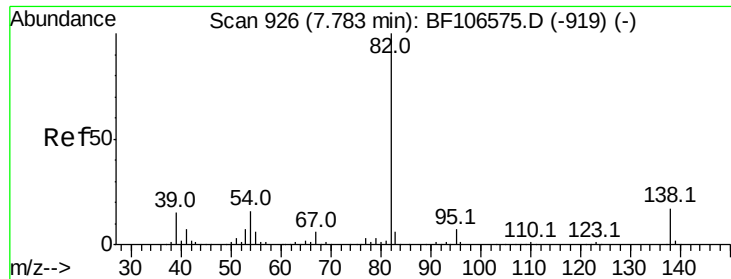
123 45.3 37.9 56.9

65 13.6 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 39.279 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

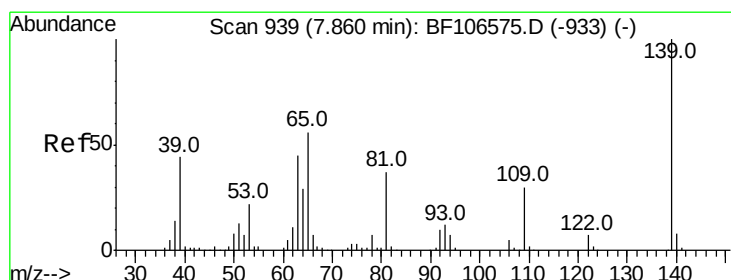
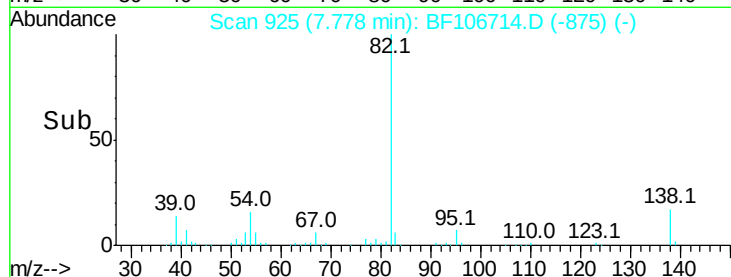
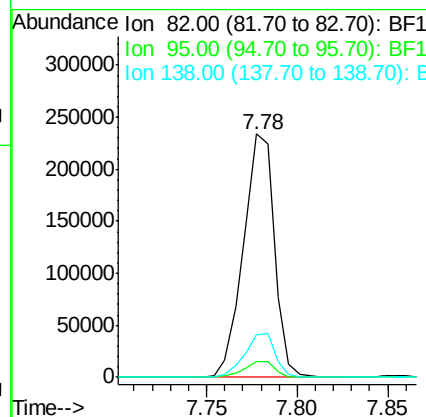
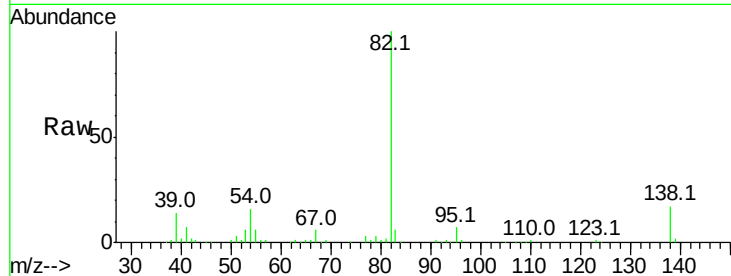
ClientSampleId :

PB110505BS

Tot Ion:	82	Resp:	278780
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	17.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 39.808 ng

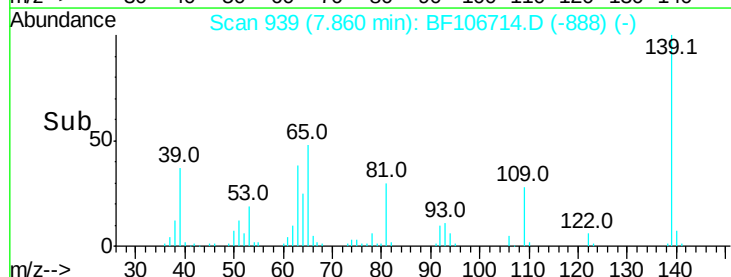
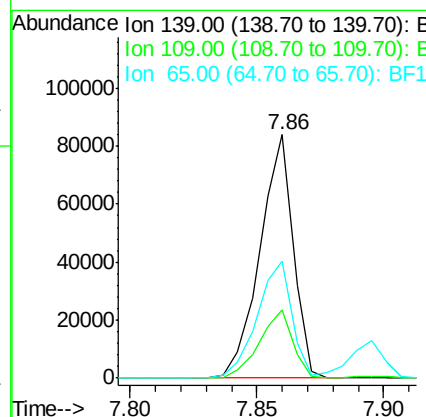
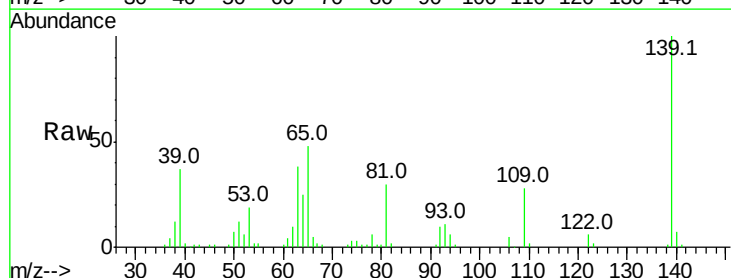
RT: 7.86 min Scan# 939

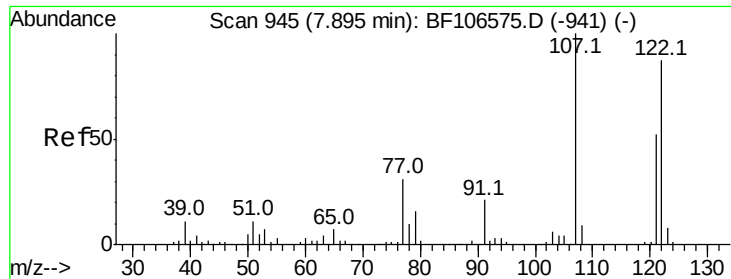
Delta R.T. 0.00 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Tgt Ion:	139	Resp:	77276
Ion Ratio	Lower	Upper	
139	100		
109	27.8	22.7	34.1
65	47.8	40.5	60.7





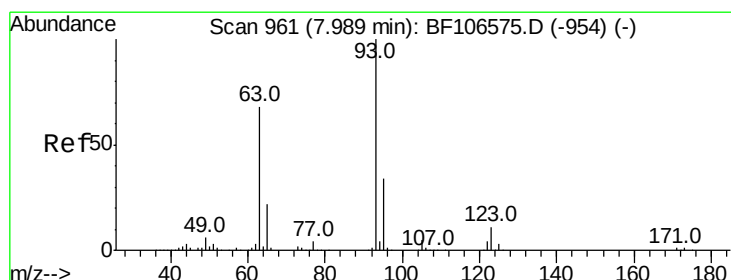
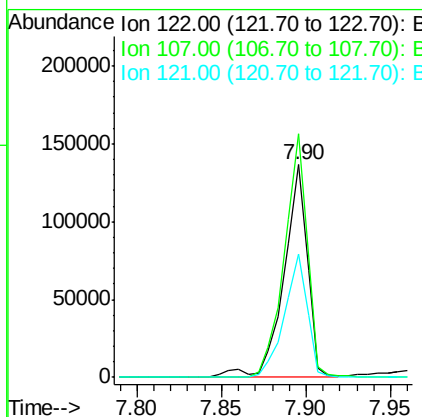
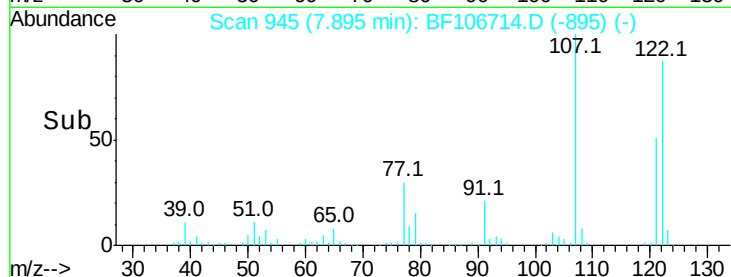
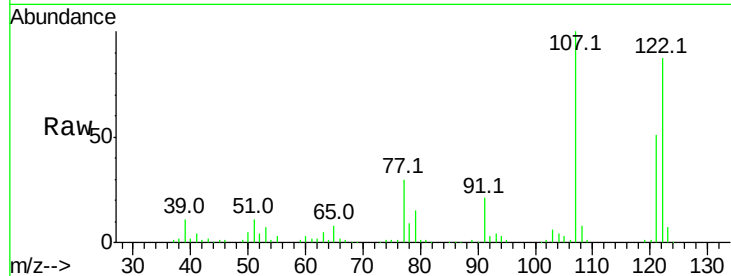
#27
 2,4-Dimethylphenol
 Concen: 43.651 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB110505BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		130973		
107	114.7	91.2	136.8		
121	58.0	47.2	70.8		

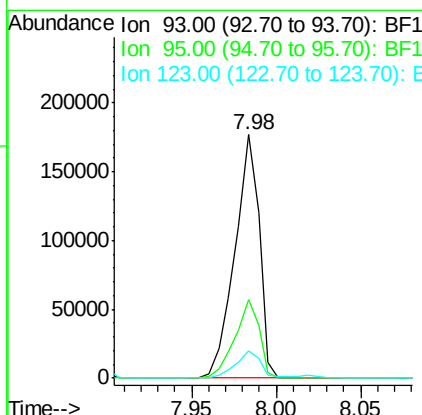
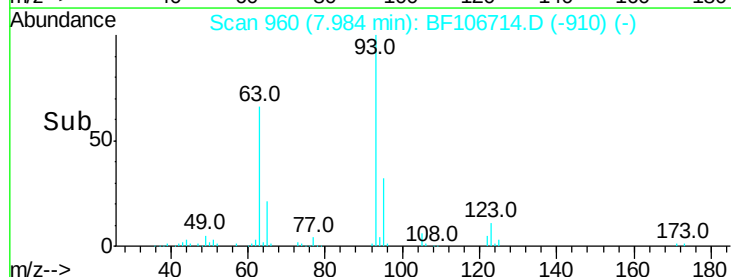
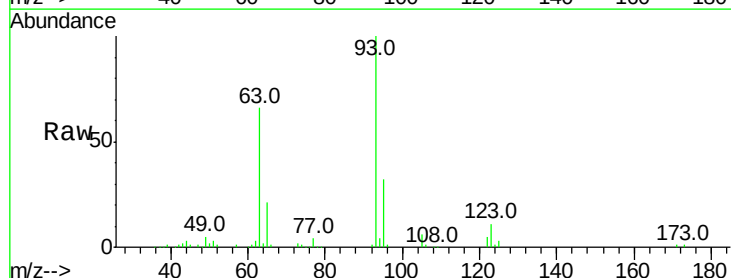
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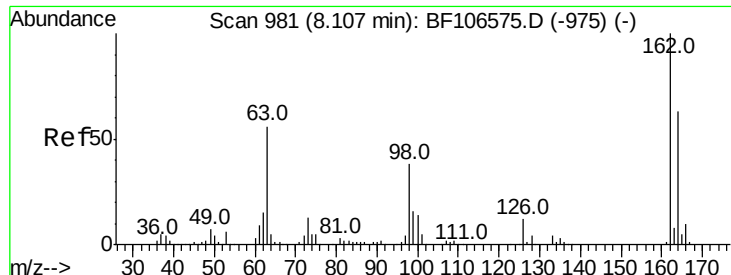
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.301 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		177755		
95	32.3	26.3	39.5		
123	11.0	9.8	14.6		





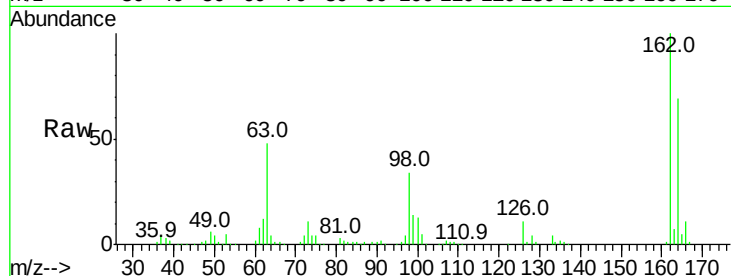
#29
2,4-Dichlorophenol
Concen: 39.747 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

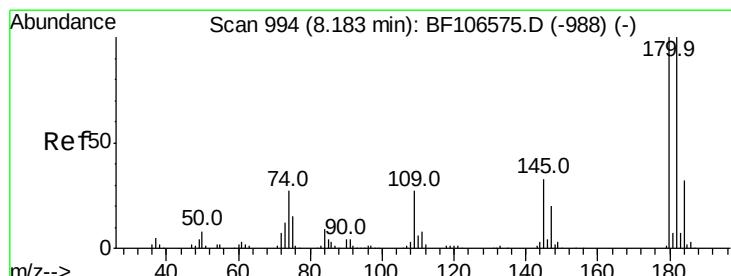
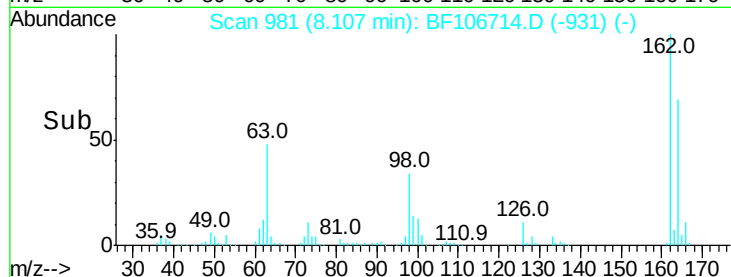
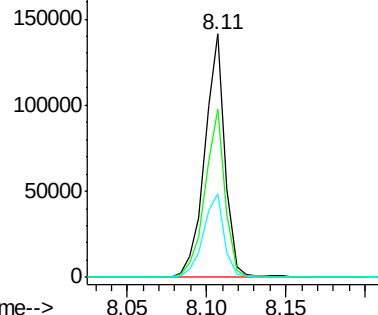
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	69.2	42.7	82.7
98	34.5	18.1	58.1

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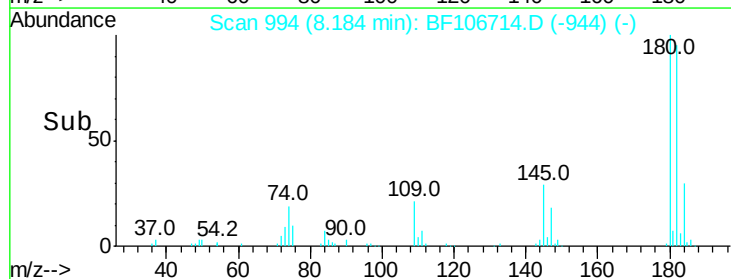
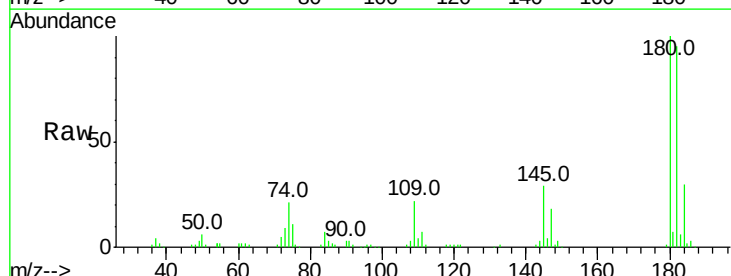
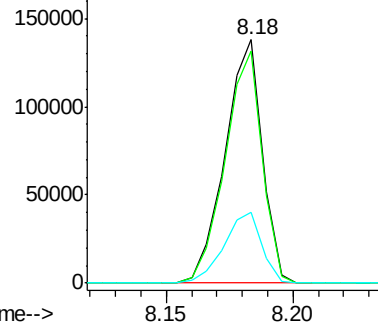
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

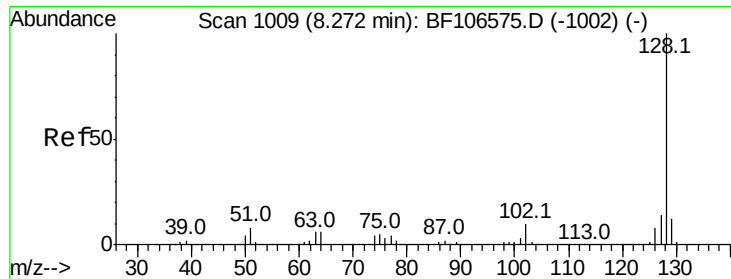


#30
1,2,4-Trichlorobenzene
Concen: 40.514 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.3	76.8	115.2
145	29.1	26.5	39.7

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





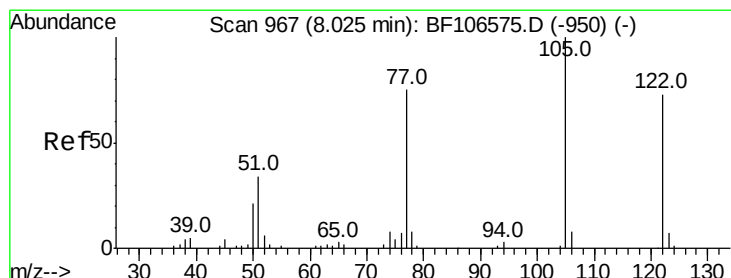
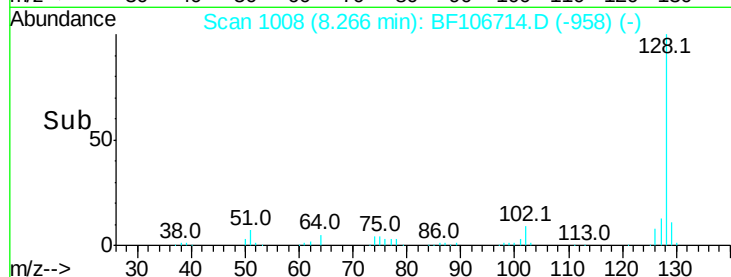
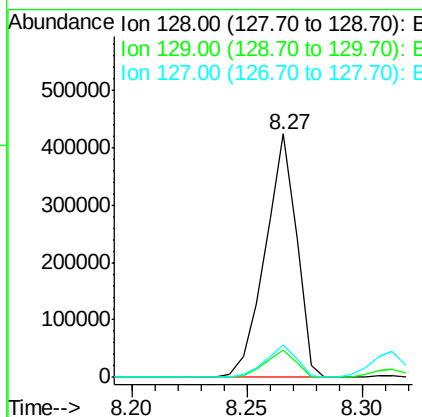
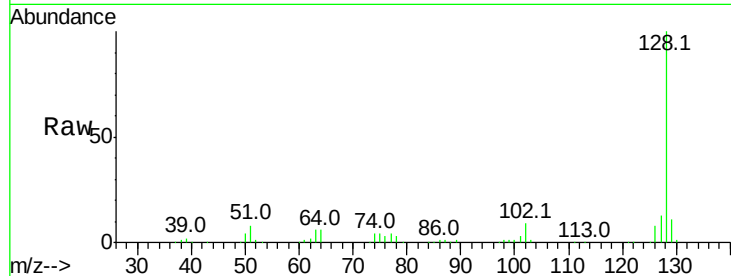
#31
Naphthalene
Concen: 38.222 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	399989		
129	11.3		8.8	13.2
127	13.3		10.9	16.3

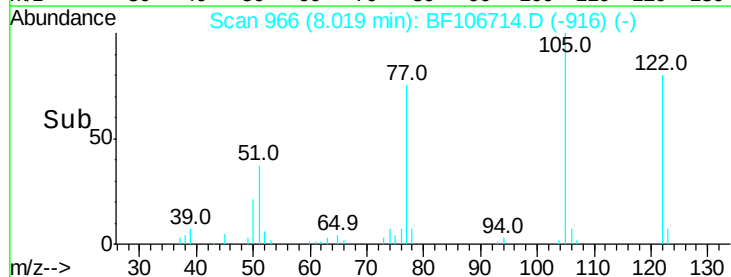
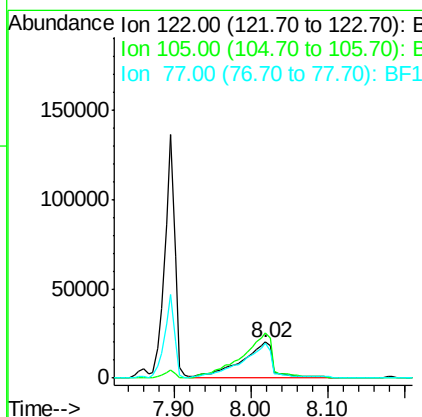
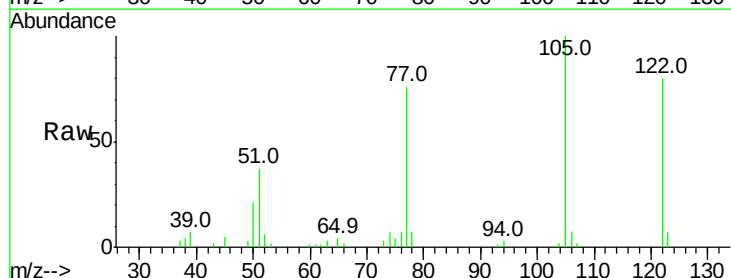
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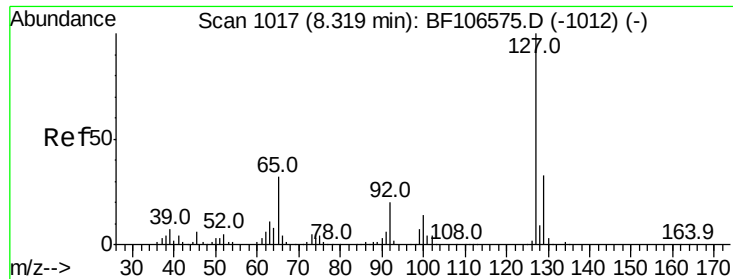
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#32
Benzoic acid
Concen: 29.095 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	57906		
105	124.5		101.1	141.1
77	95.2		70.7	110.7





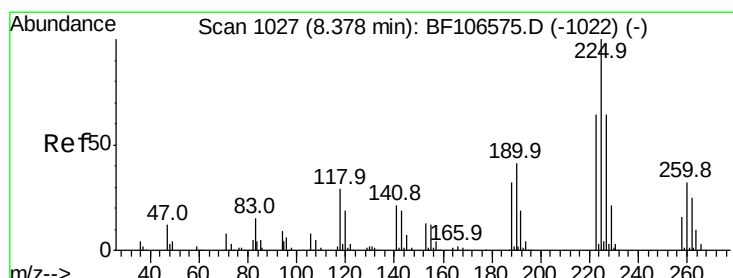
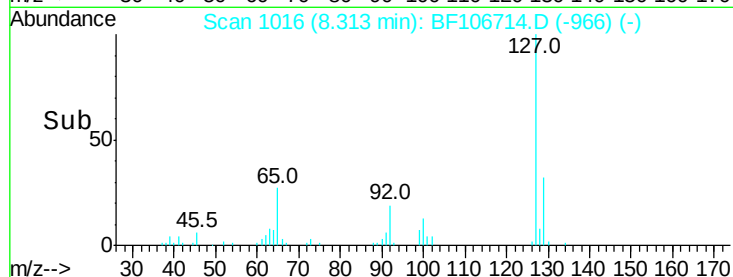
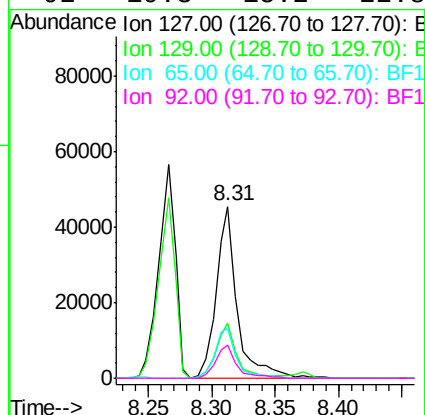
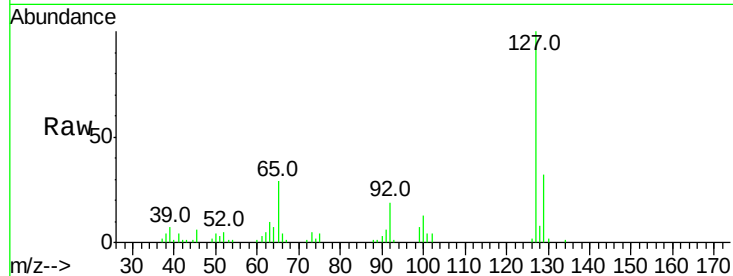
#33
4-Chloroaniline
Concen: 12.148 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

Tot Ion:	127	Resp:	53343
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.9	38.9
65	29.3	25.0	37.4
92	19.3	15.2	22.8

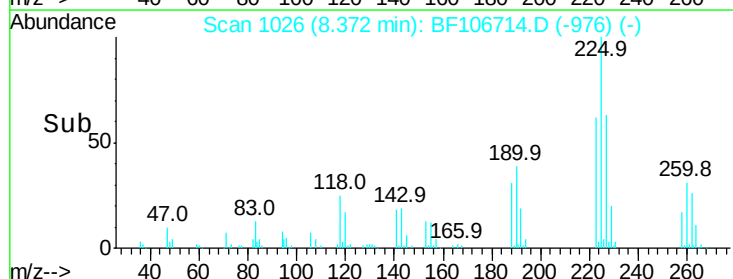
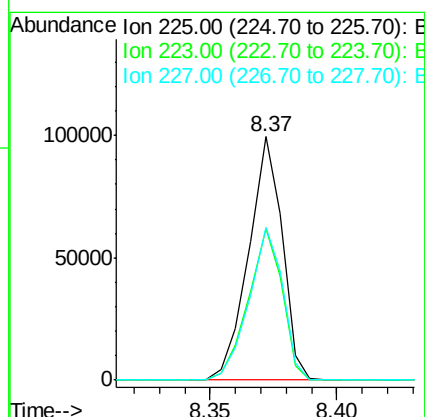
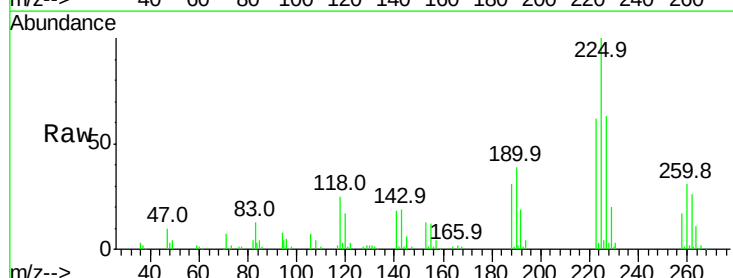
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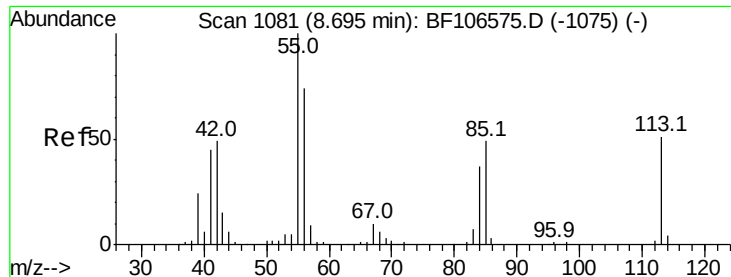
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#34
Hexachlorobutadiene
Concen: 40.751 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion:	225	Resp:	91888
Ion Ratio	Lower	Upper	
225	100		
223	62.3	50.6	76.0
227	62.9	51.9	77.9





#35

Caprolactam

Concen: 39.778 ng/ml

RT: 8.69 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

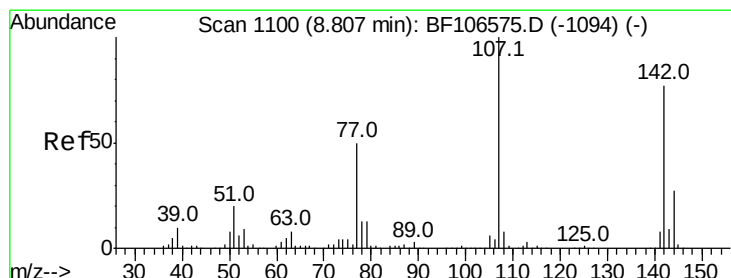
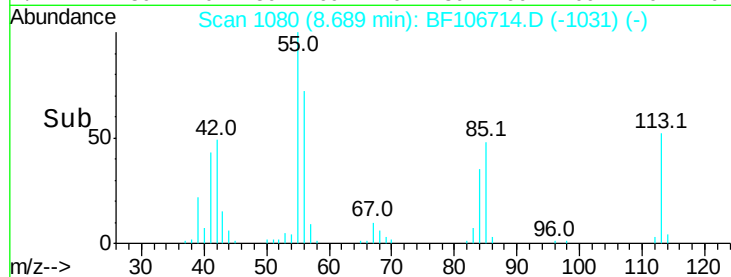
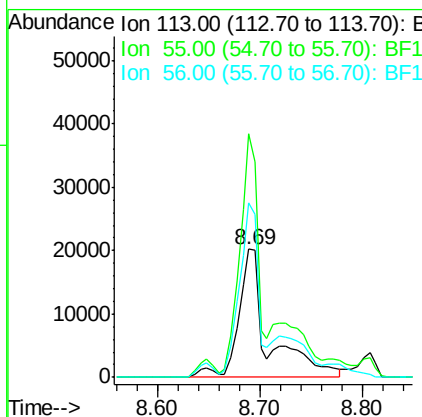
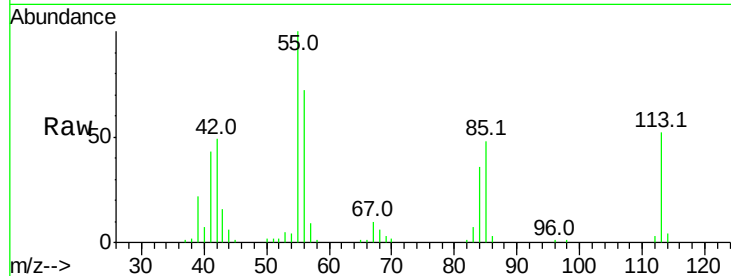
ClientSampleId :

PB110505BS

Tot Ion:	113	Resp:	40731
Ion Ratio	Lower	Upper	
113	100		
55	190.5	163.3	203.3
56	136.3	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 40.274 ng/ml

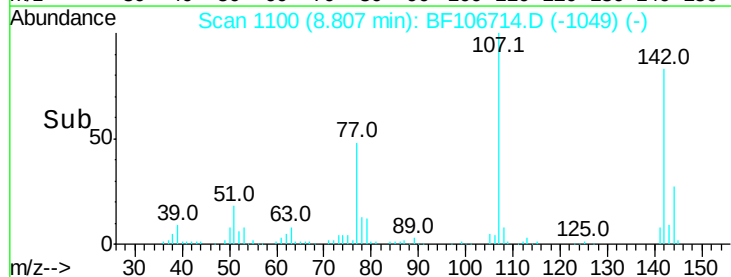
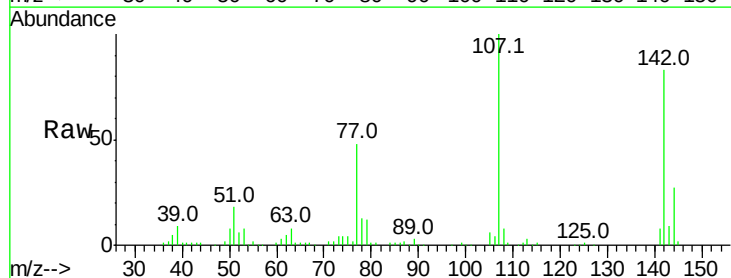
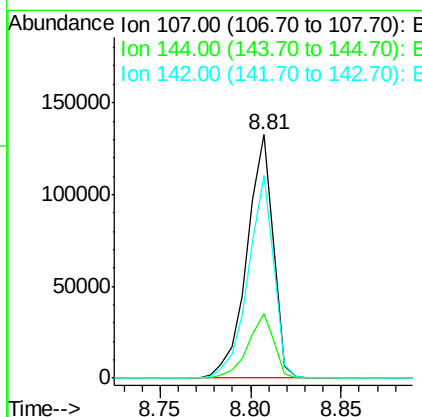
RT: 8.81 min Scan# 1100

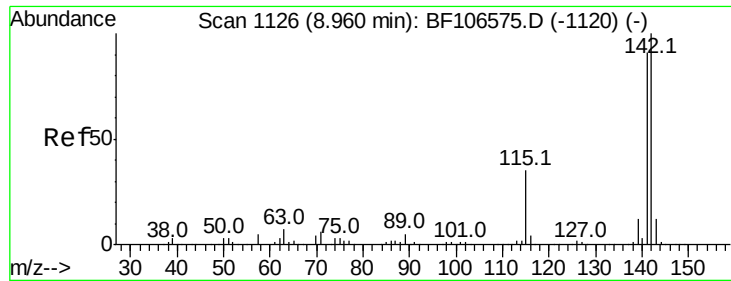
Delta R.T. 0.00 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Tgt Ion:	107	Resp:	133161
Ion Ratio	Lower	Upper	
107	100		
144	26.6	20.5	30.7
142	83.1	62.0	93.0





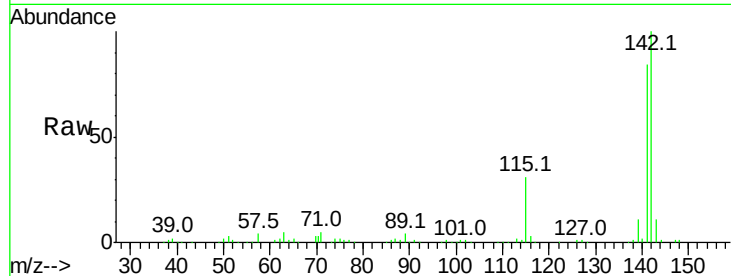
#37
2-Methylnaphthalene
Concen: 42.859 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

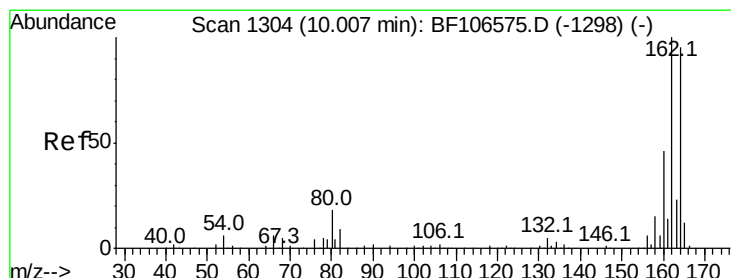
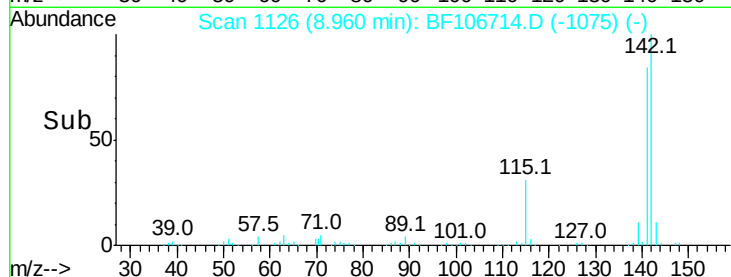
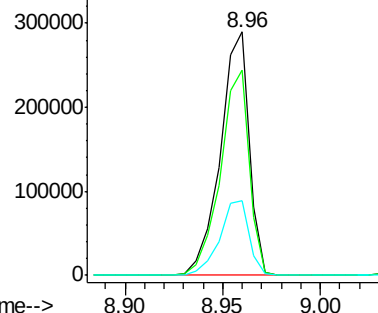
Tot Ion	Ratio	Lower	Upper
142	100		
141	84.3	70.8	106.2
115	30.6	26.1	39.1

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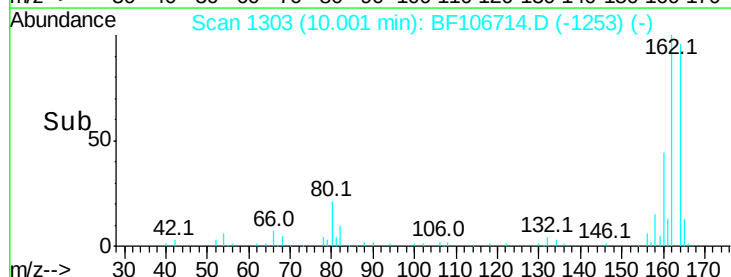
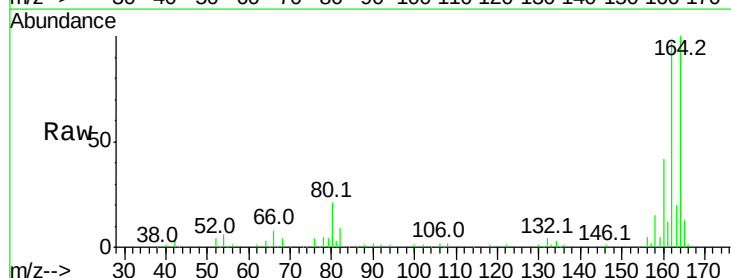
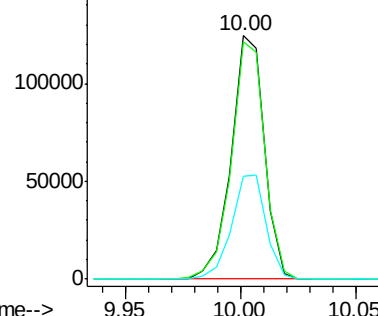
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

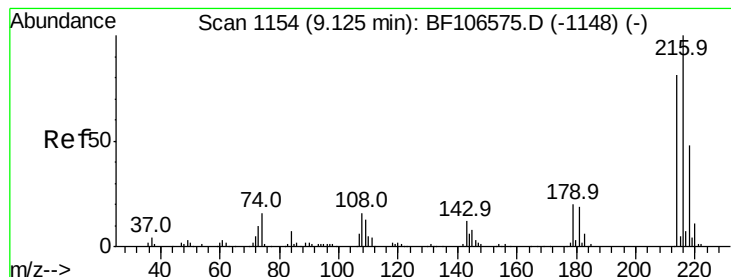


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.4	86.1	129.1
160	42.4	38.3	57.5

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.655 ng

RT: 9.12 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

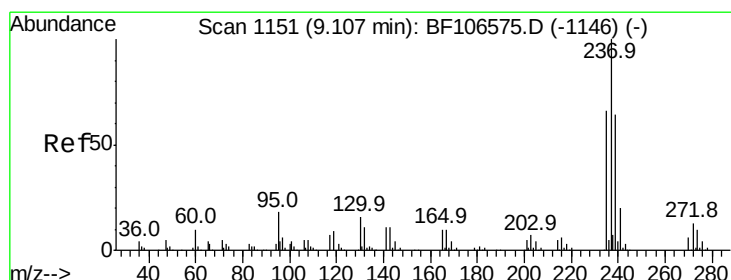
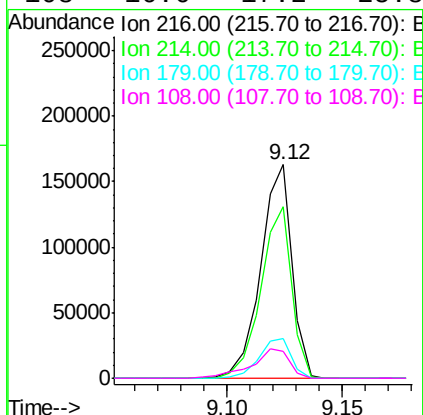
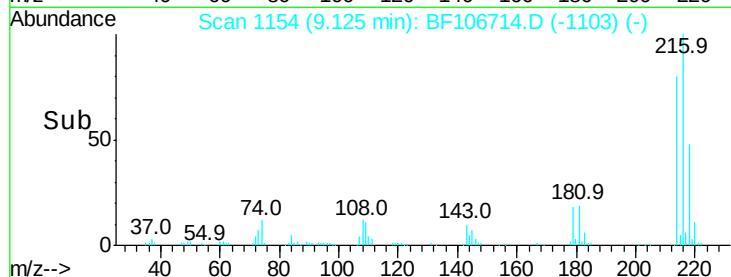
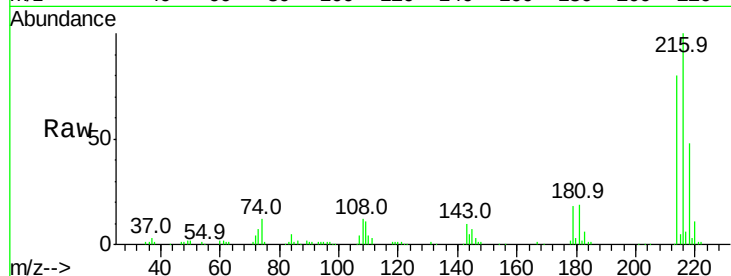
ClientSampleId :

PB110505BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.0	94.4
179	19.1	18.1	27.1
108	16.6	17.2	25.8#

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#40

Hexachlorocyclopentadiene

Concen: 76.431 ng

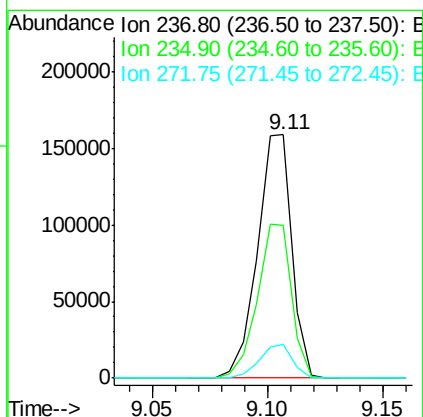
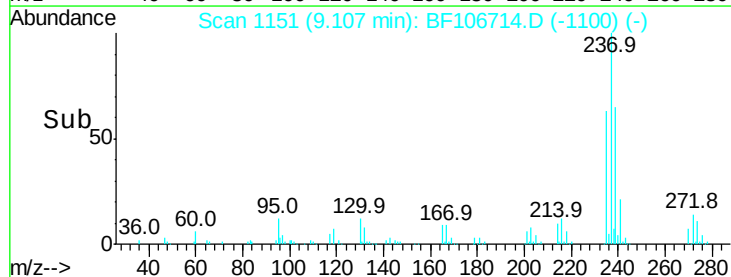
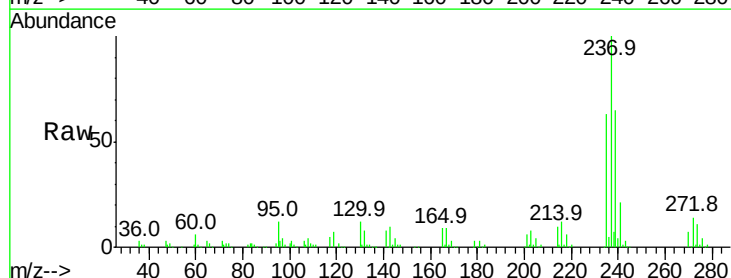
RT: 9.11 min Scan# 1151

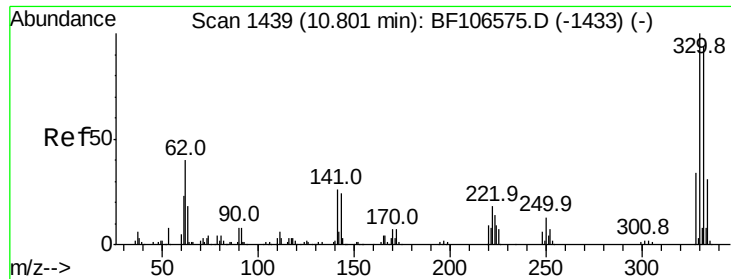
Delta R.T. 0.00 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.7	44.8	84.8
272	13.9	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 124.683 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

ClientSampleId :

PB110505BS

Tot Ion:330 Resp: 179402

Ion Ratio Lower Upper

330 100

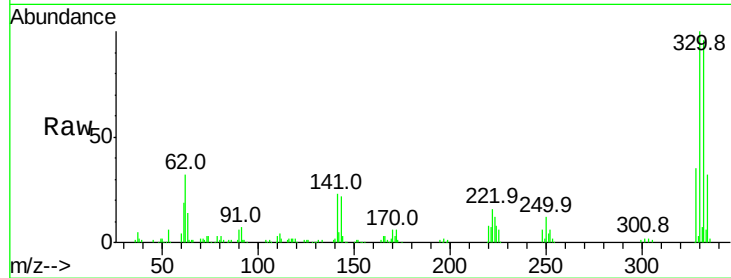
332 95.7 77.0 115.6

141 22.0 29.9 44.9#

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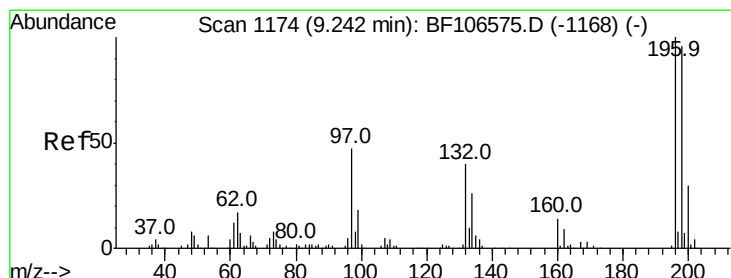
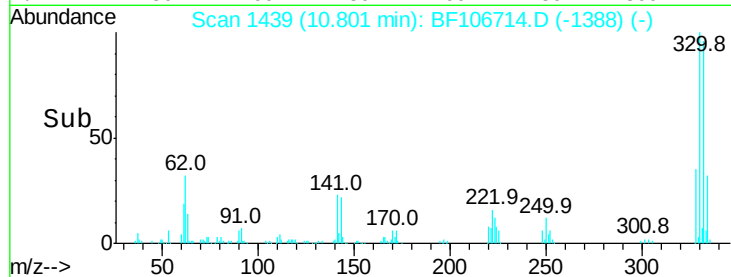
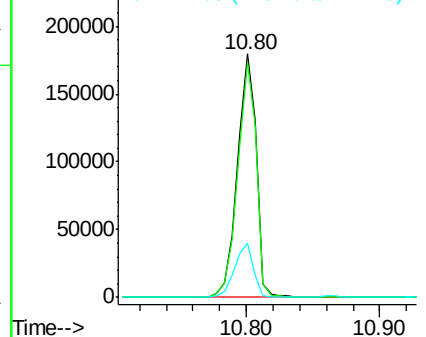
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 34.536 ng

RT: 9.24 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

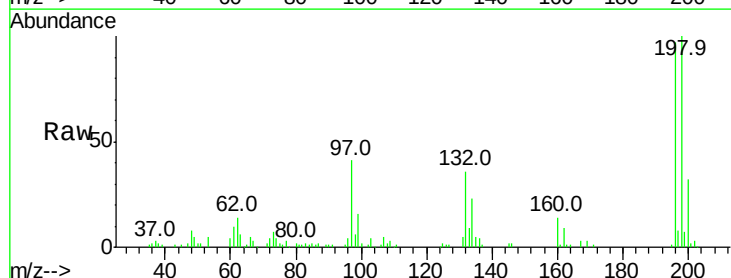
Tgt Ion:196 Resp: 95978

Ion Ratio Lower Upper

196 100

198 103.4 75.7 113.5

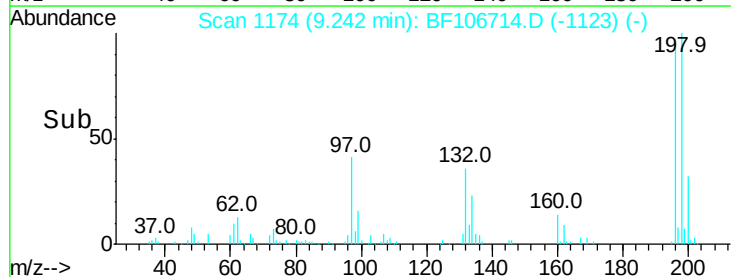
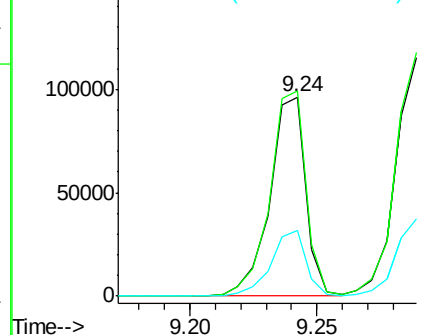
200 33.0 24.5 36.7

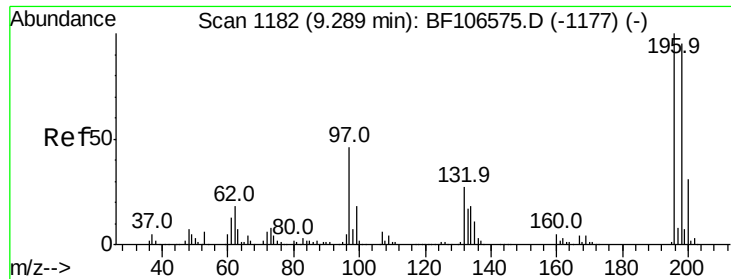


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





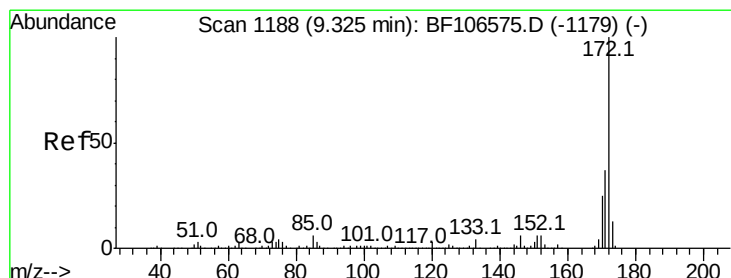
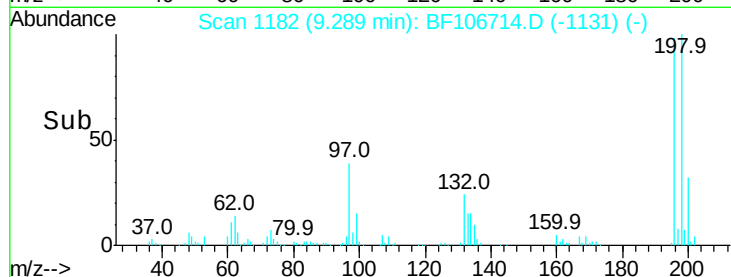
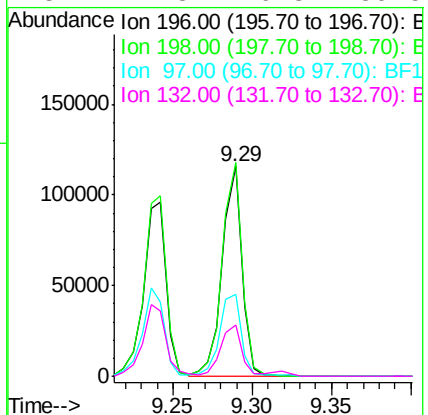
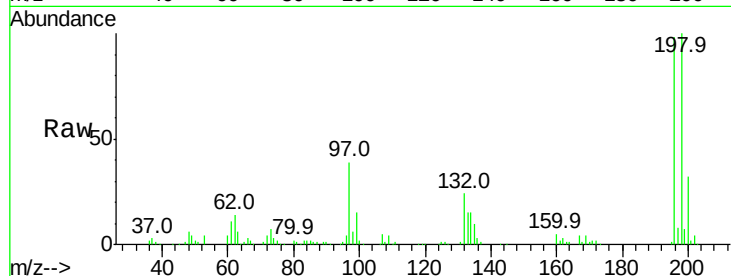
#43
 2,4,5-Trichlorophenol
 Concen: 34.742 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB110505BS

Tot Ion:	196	Resp:	100747
Ion Ratio	Lower	Upper	
196	100		
198	101.8	74.6	112.0
97	39.3	42.9	64.3#
132	24.3	26.3	39.5#

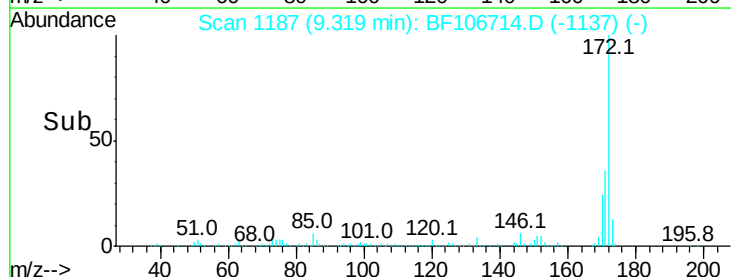
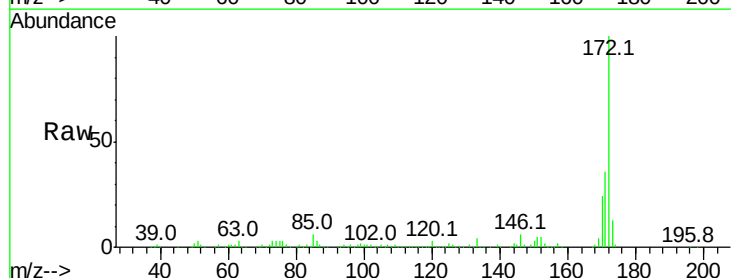
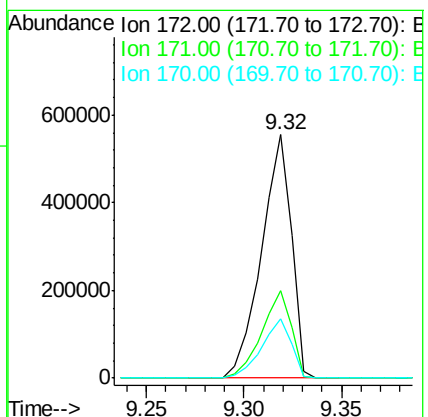
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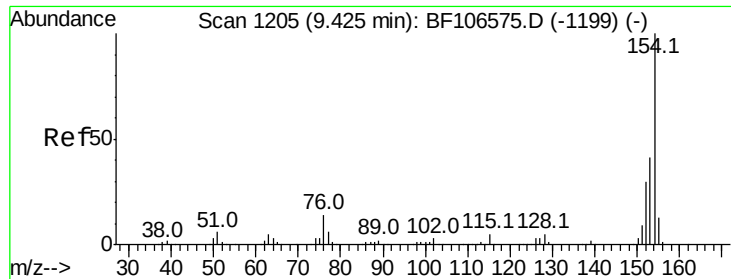
Sohil
 6/25/2018 5:16:50 PM



#44
 2-Fluorobiphenyl
 Concen: 79.523 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Tgt Ion:	172	Resp:	590224
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4





#45

1,1'-Biphenyl

Concen: 36.141 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

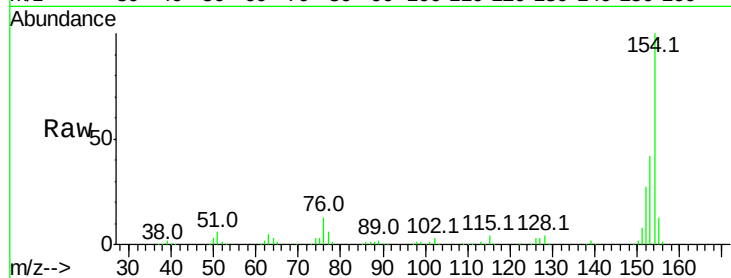
ClientSampleId :

PB110505BS

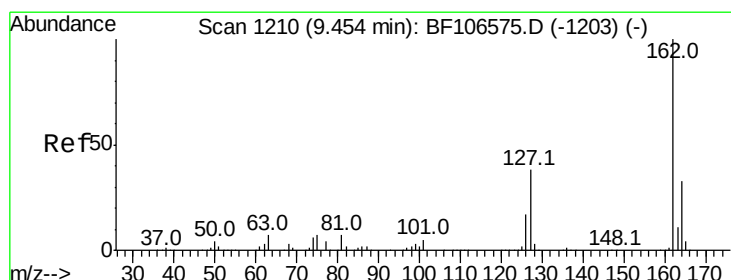
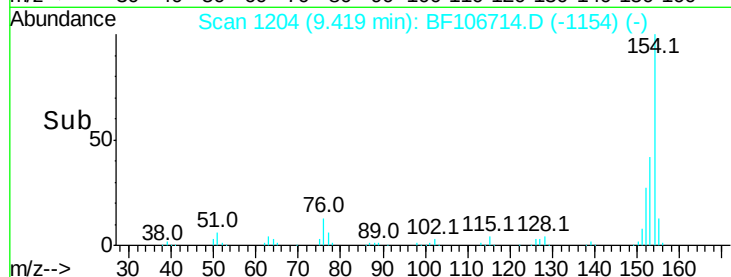
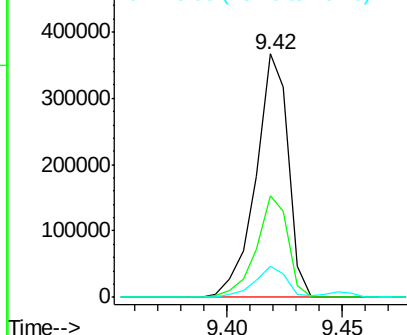
Tot Ion:	154	Resp:	357566
Ion Ratio	Lower	Upper	
154	100		
153	41.6	21.3	61.3
76	12.8	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 34.130 ng

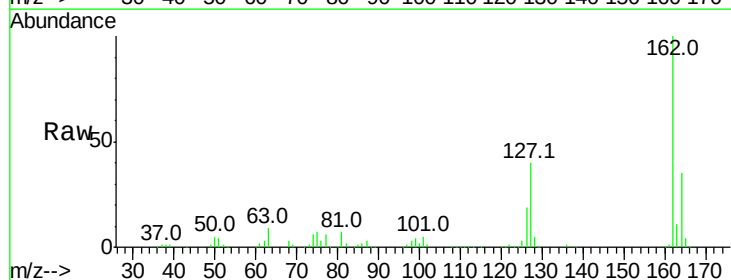
RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

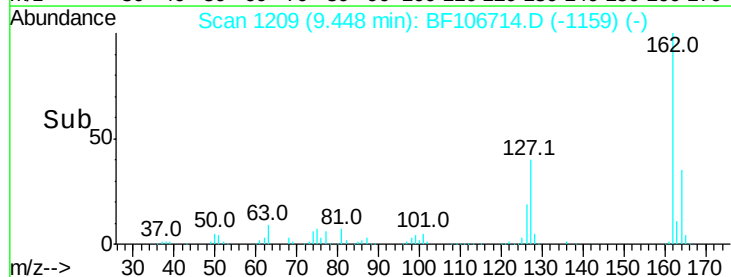
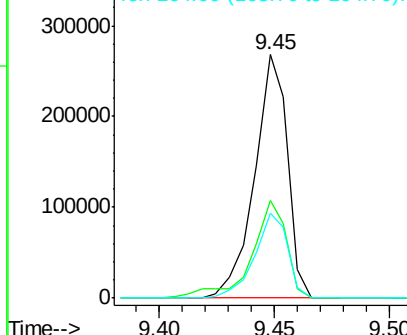
Lab File: BF106714.D

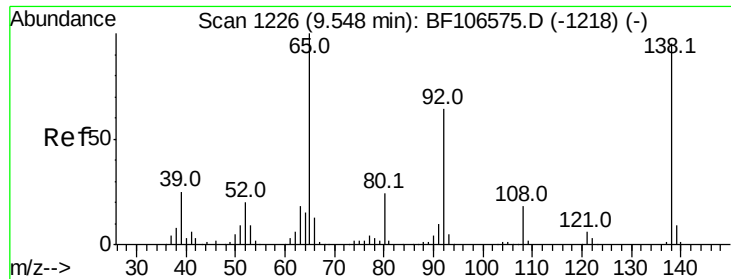
Acq: 22 Jun 2018 17:57

Tgt Ion:	162	Resp:	265799
Ion Ratio	Lower	Upper	
162	100		
127	40.2	33.9	50.9
164	34.9	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





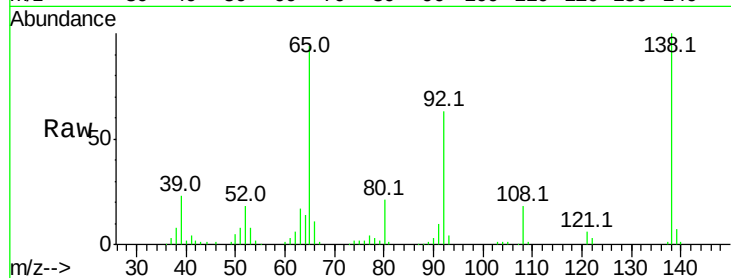
#47
2-Nitroaniline
Concen: 33.083 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

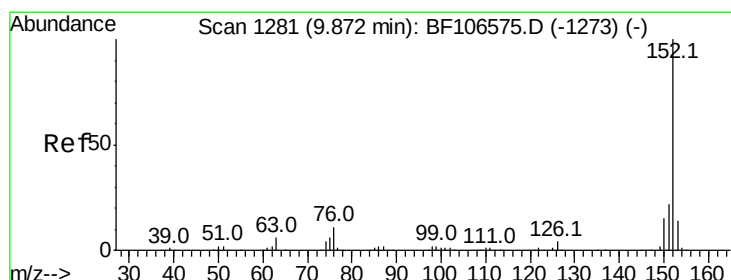
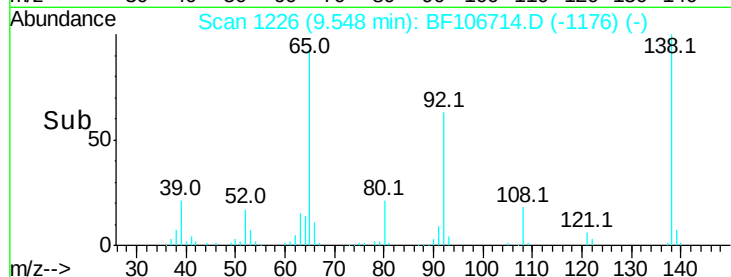
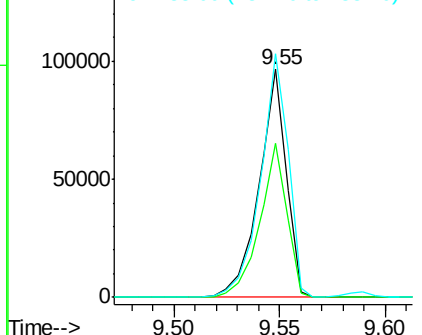
Tot Ion	Ratio	Lower	Upper
65	100		
92	67.4	55.8	83.6
138	106.8	91.2	136.8

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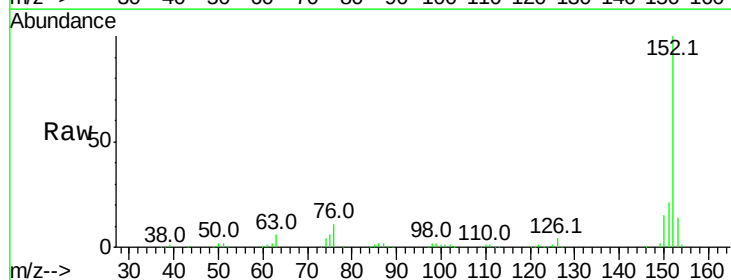


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

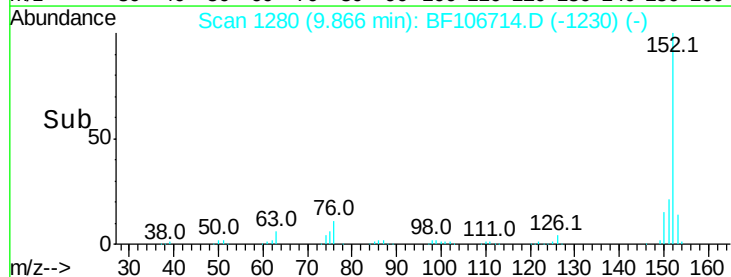
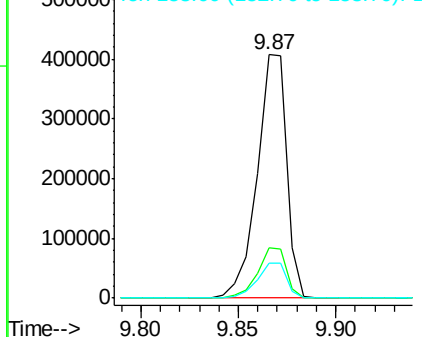


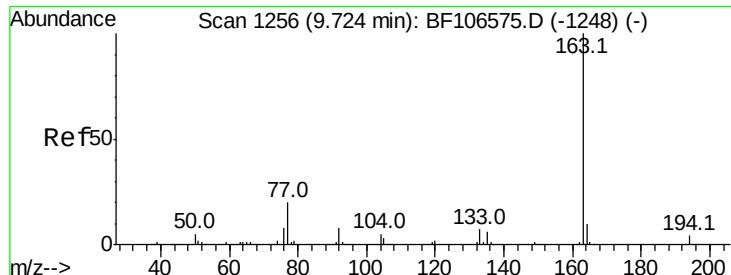
#48
Acenaphthylene
Concen: 34.718 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	14.3	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





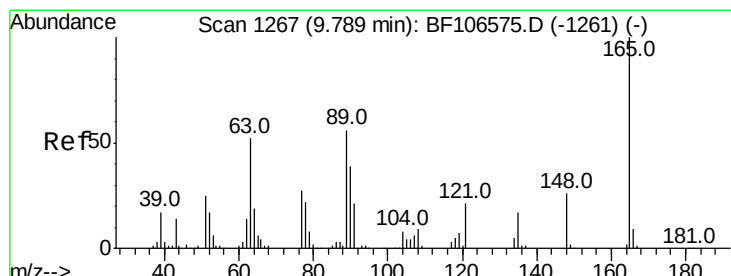
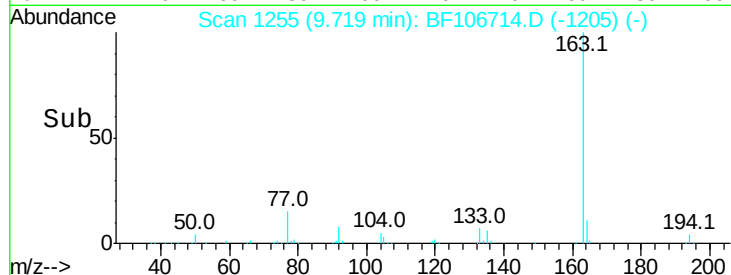
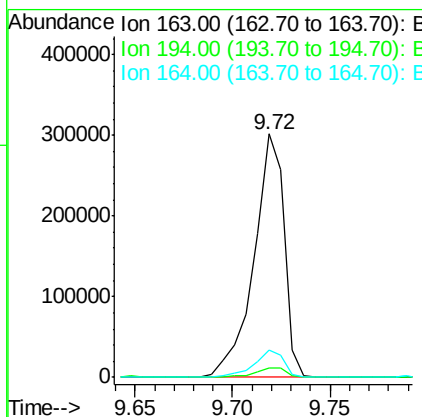
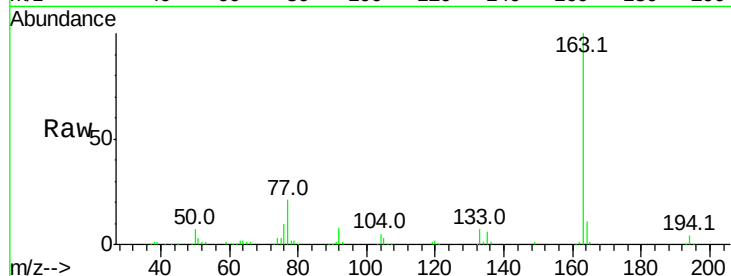
#49
 Dimethylphthalate
 Concen: 34.854 ng
 RT: 9.72 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB110505BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	11.0	8.2	12.2	

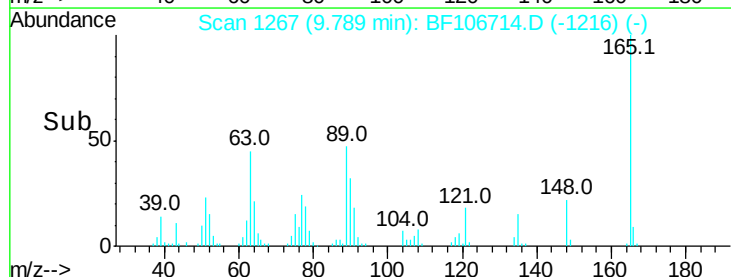
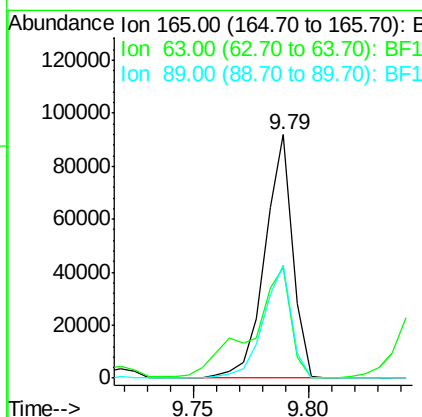
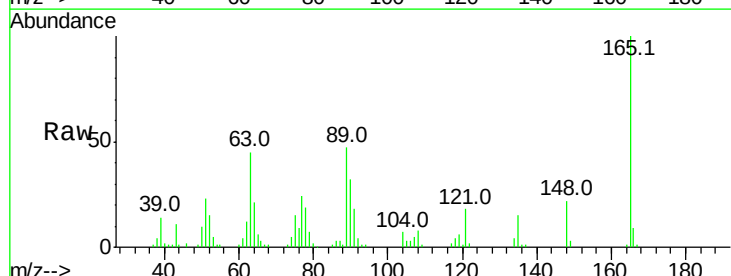
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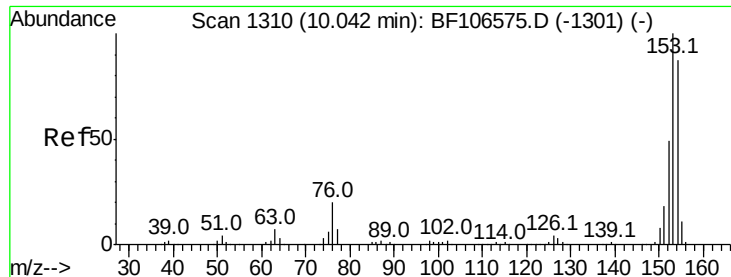
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#50
 2,6-Dinitrotoluene
 Concen: 38.775 ng
 RT: 9.79 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.4	44.7	67.1	
89	46.7	44.0	66.0	





#51

Acenaphthene

Concen: 33.159 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

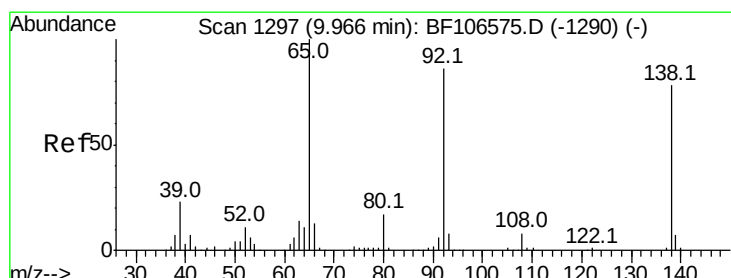
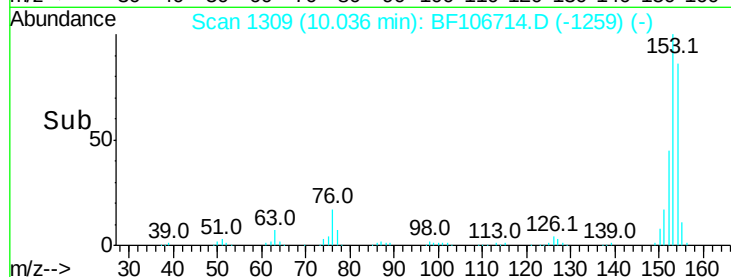
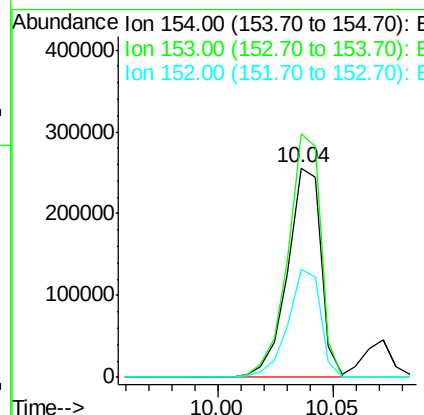
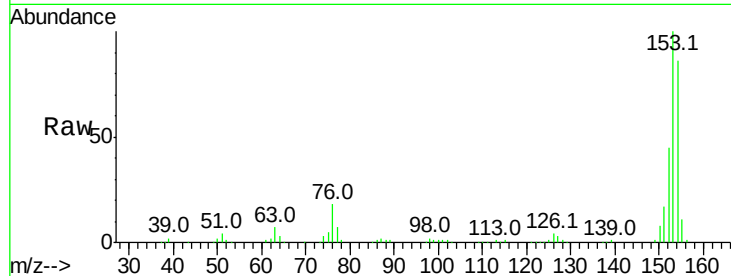
ClientSampleId :

PB110505BS

Tot Ion:	154	Resp:	256733
Ion Ratio	Lower	Upper	
154	100		
153	116.3	91.2	136.8
152	51.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 16.514 ng

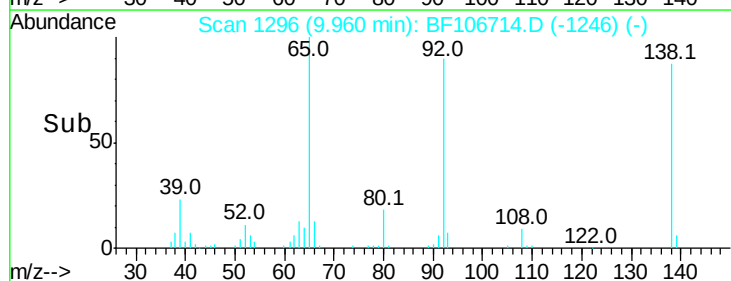
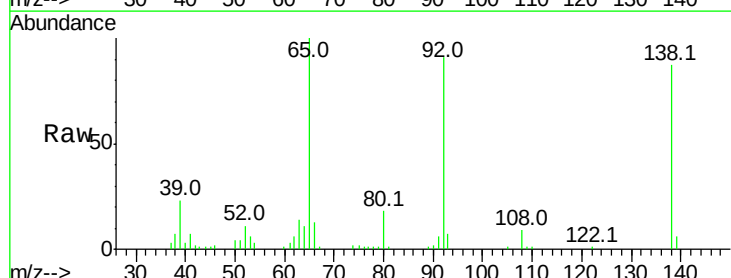
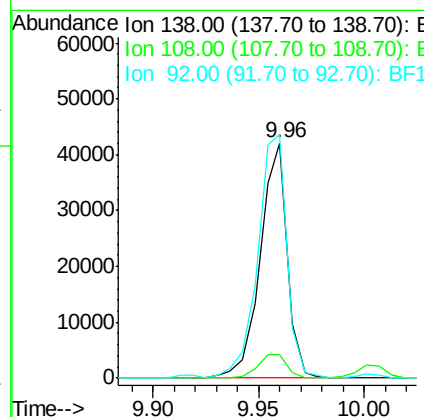
RT: 9.96 min Scan# 1296

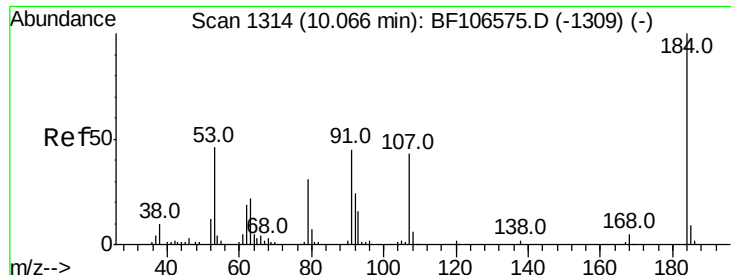
Delta R.T. -0.01 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Tgt Ion:	138	Resp:	37467
Ion Ratio	Lower	Upper	
138	100		
108	10.1	9.4	14.0
92	103.6	89.4	134.2





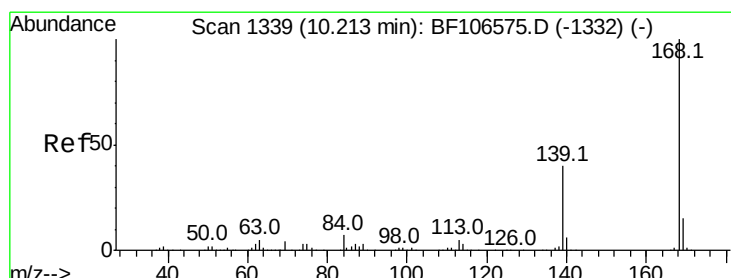
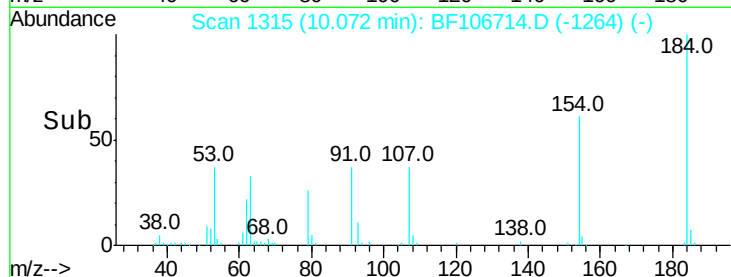
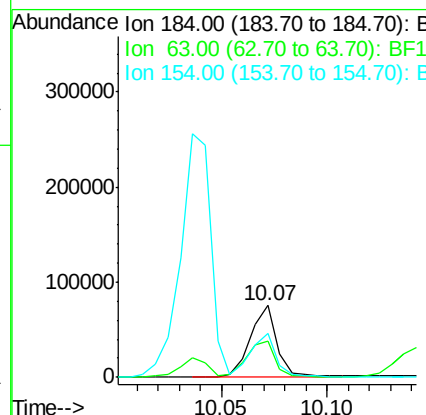
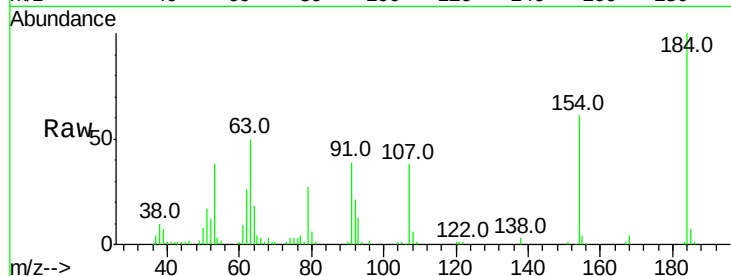
#53
 2,4-Dinitrophenol
 Concen: 66.618 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB110505BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.1	54.2	81.2#
154	60.9	184.0	276.0#

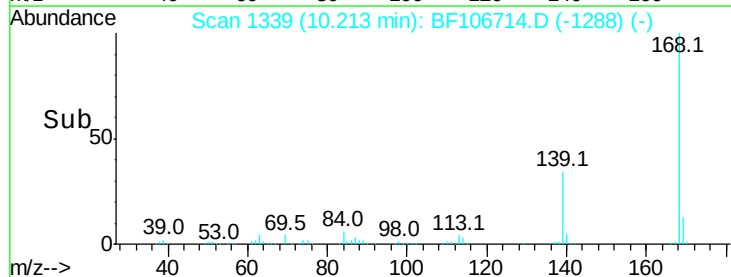
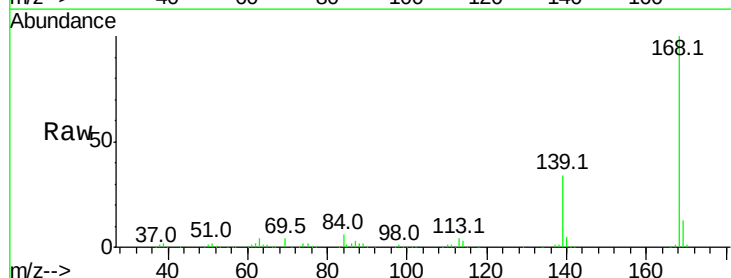
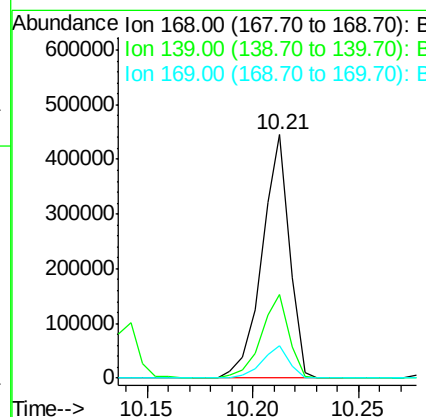
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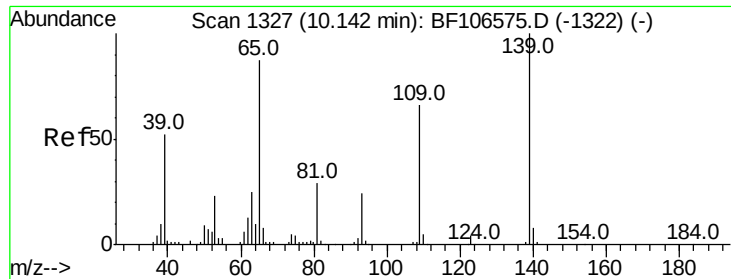
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#54
 Dibenzofuran
 Concen: 37.845 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.2	30.1	45.1
169	13.1	10.9	16.3





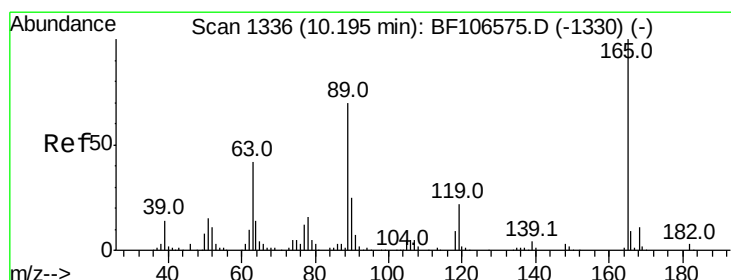
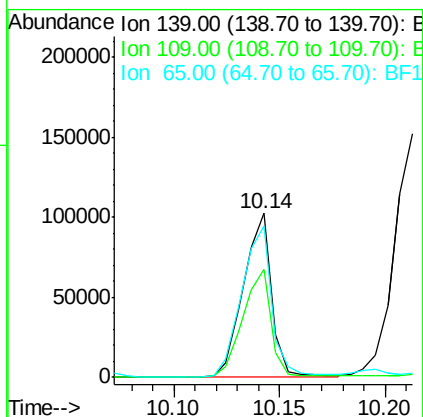
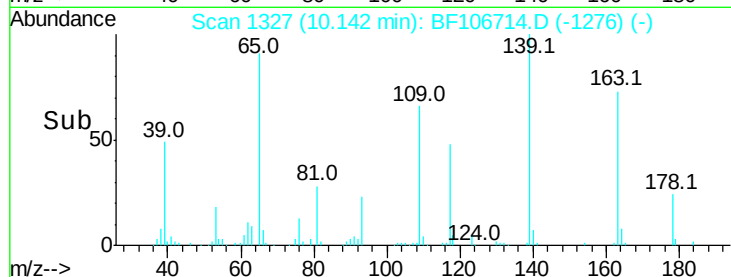
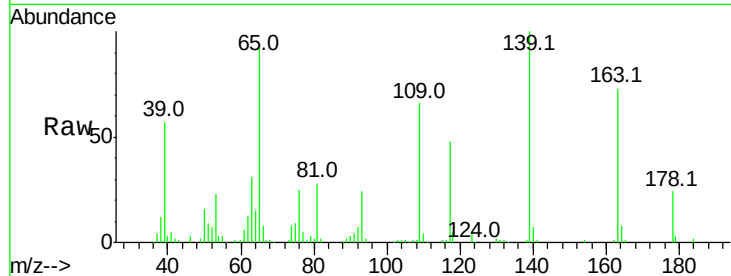
#55
4-Nitrophenol
Concen: 60.660 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.7	48.4	88.4
65	92.2	72.6	112.6

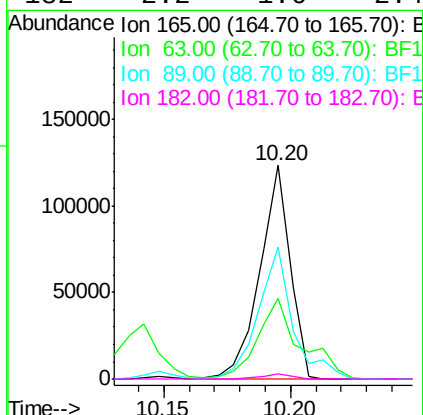
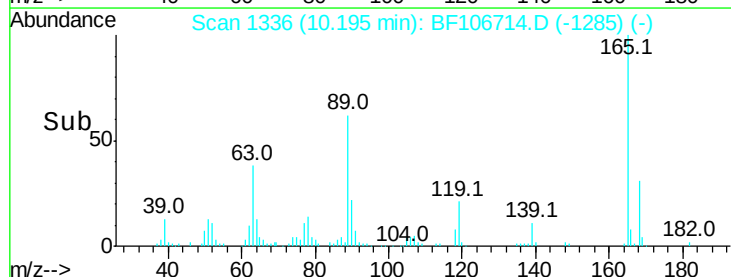
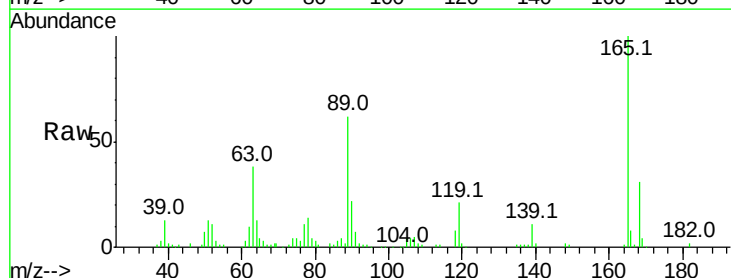
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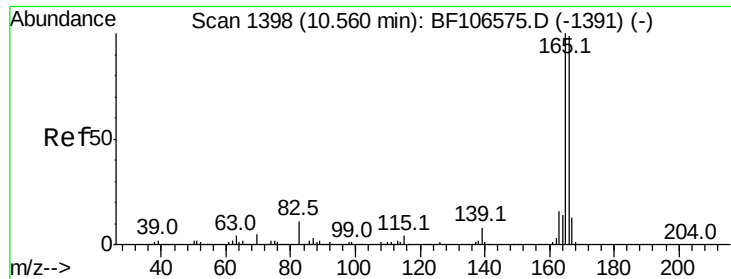
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#56
2,4-Dinitrotoluene
Concen: 39.971 ng
RT: 10.20 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.0	36.4	54.6
89	62.0	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 37.297 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

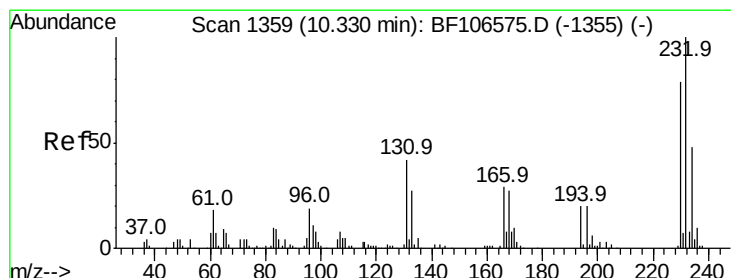
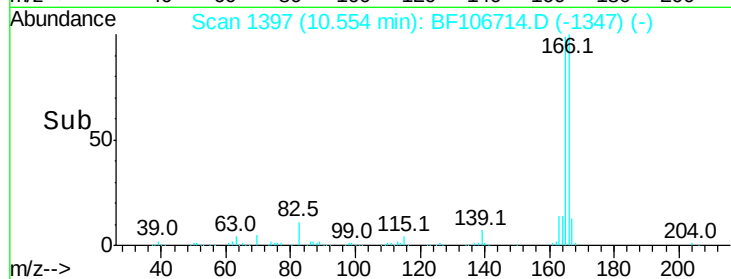
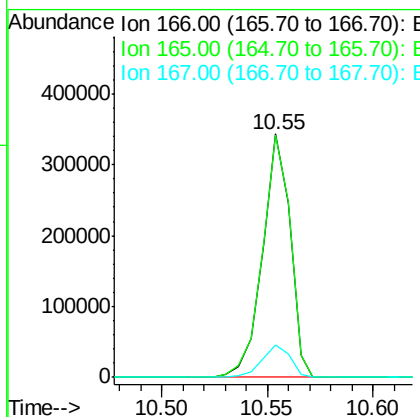
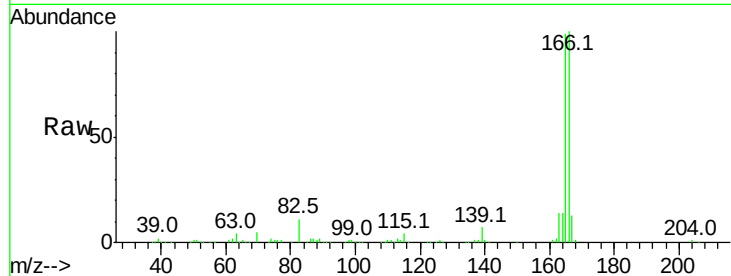
ClientSampleId :

PB110505BS

Tot Ion:	166	Resp:	313774
Ion Ratio	Lower	Upper	
166	100		
165	99.4	79.8	119.8
167	13.2	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.410 ng

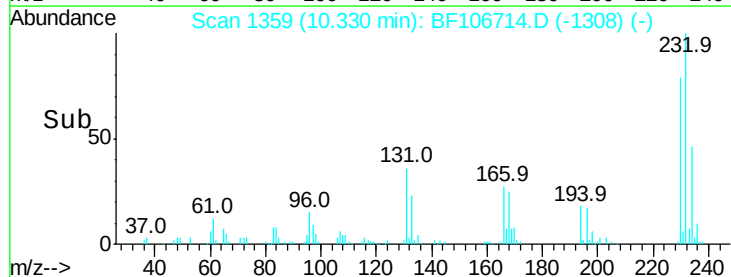
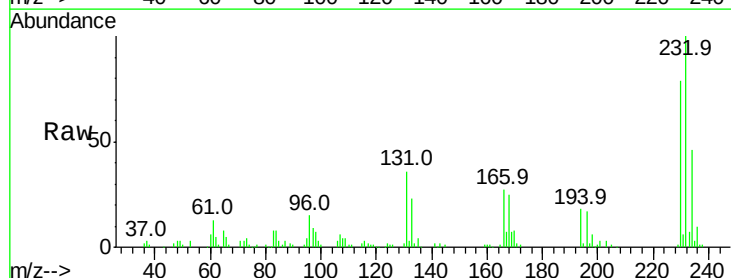
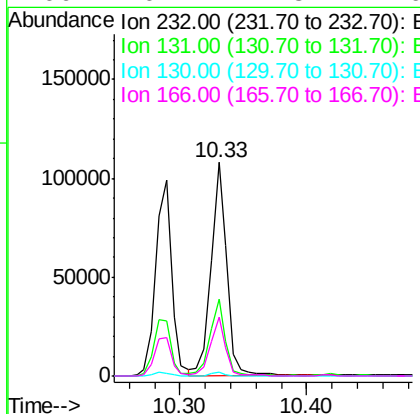
RT: 10.33 min Scan# 1359

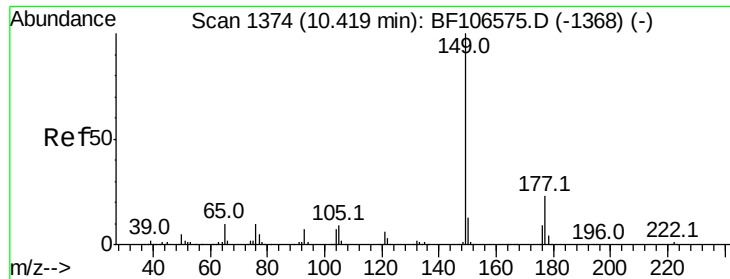
Delta R.T. 0.00 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Tgt Ion:	232	Resp:	95456
Ion Ratio	Lower	Upper	
232	100		
131	35.5	43.8	65.8#
130	1.5	2.1	3.1#
166	26.4	27.8	41.6#





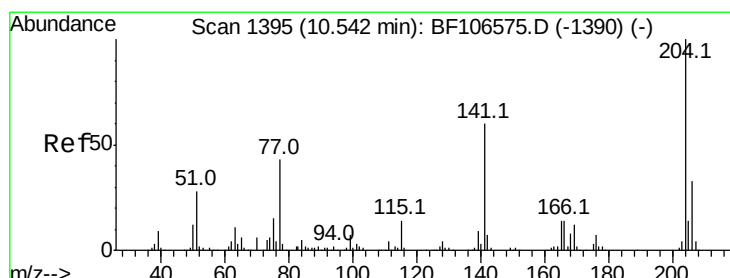
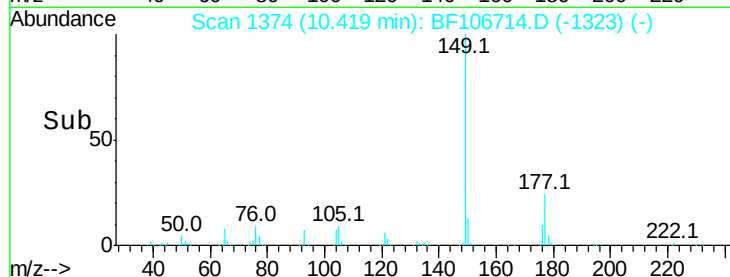
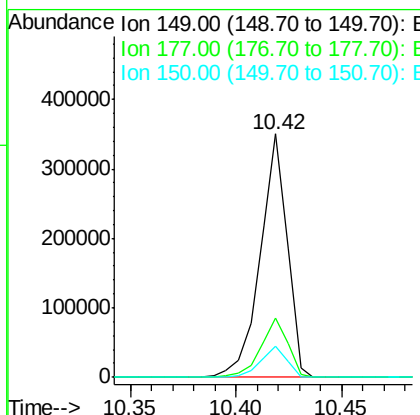
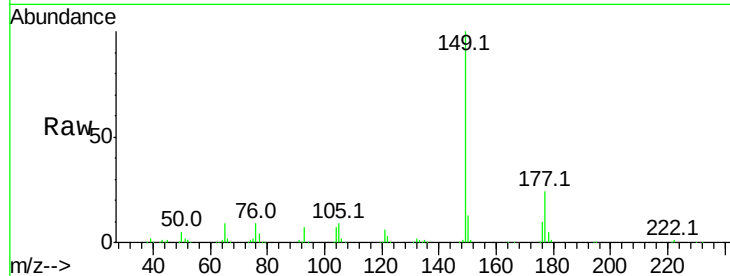
#59
Diethylphthalate
Concen: 34.647 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.3	16.1	24.1#	
150	12.6	10.1	15.1	

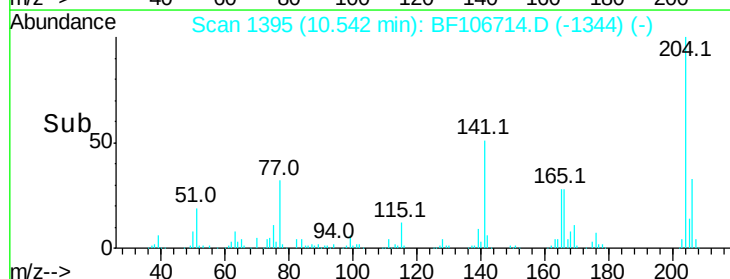
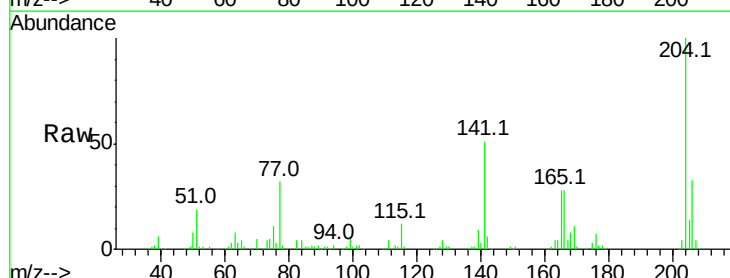
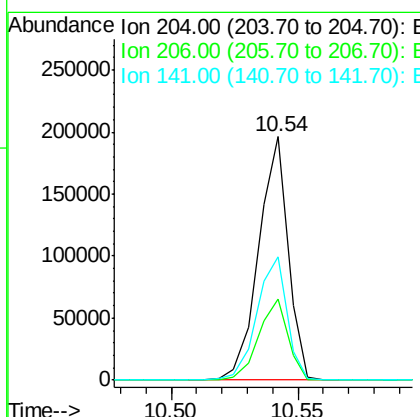
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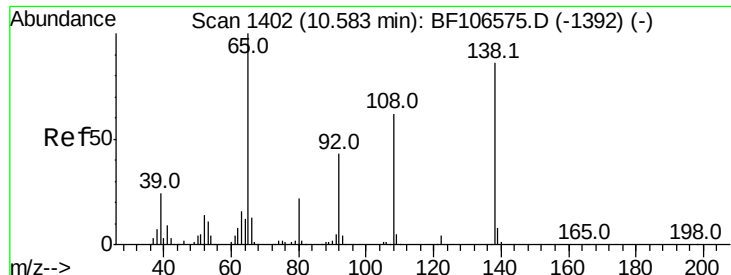
Sohil
6/25/2018 5:16:50 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.401 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.3	26.5	39.7	
141	50.6	54.6	81.8#	





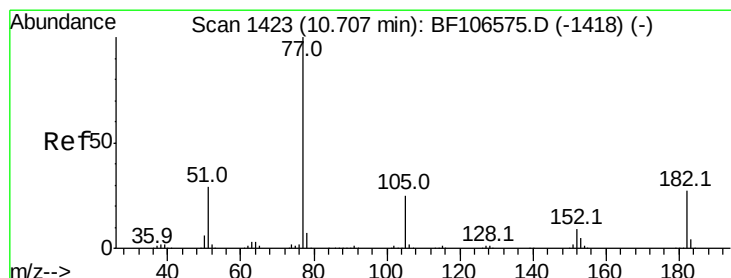
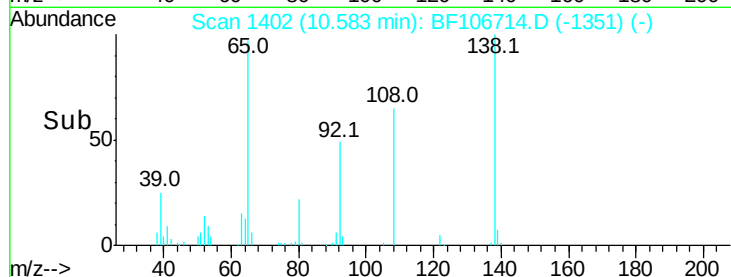
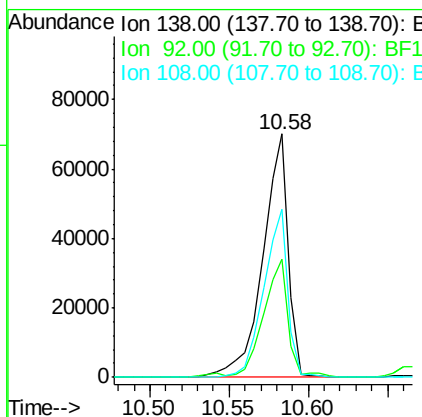
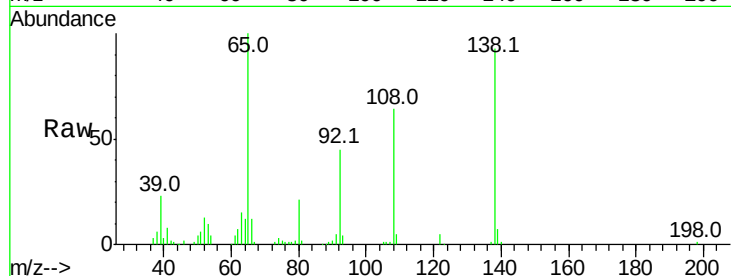
#61
4-Nitroaniline
Concen: 34.775 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampled :
PB110505BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.6	30.2	70.2
108	69.1	52.5	92.5

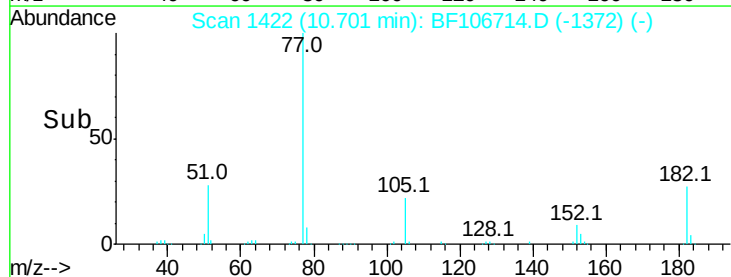
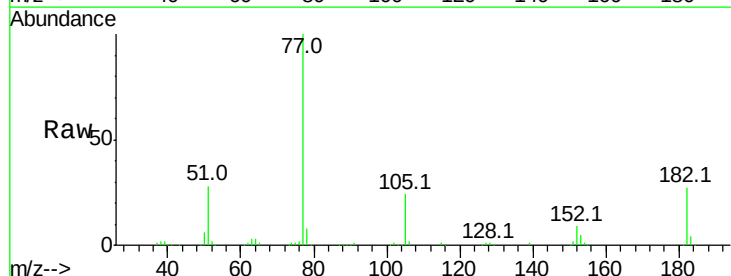
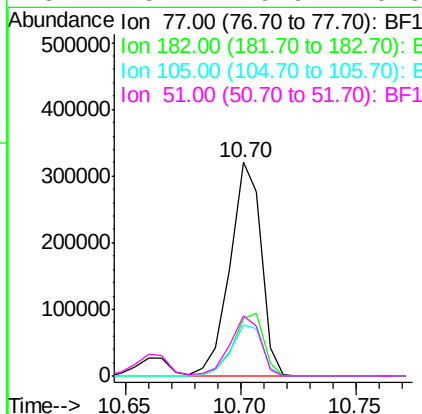
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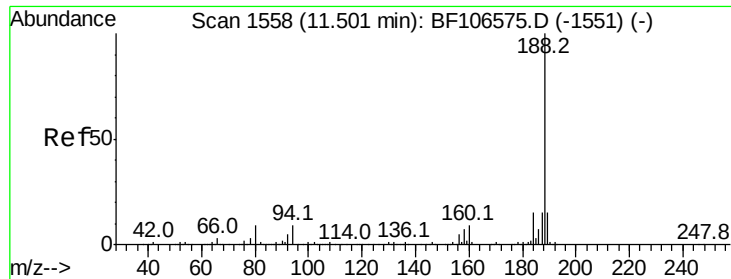
Sohil
6/25/2018 5:16:50 PM



#62
Azobenzene
Concen: 34.046 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.8	1.7	41.7
105	23.8	3.0	43.0
51	28.4	9.9	49.9





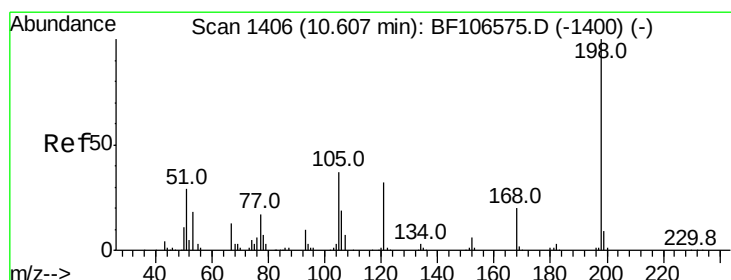
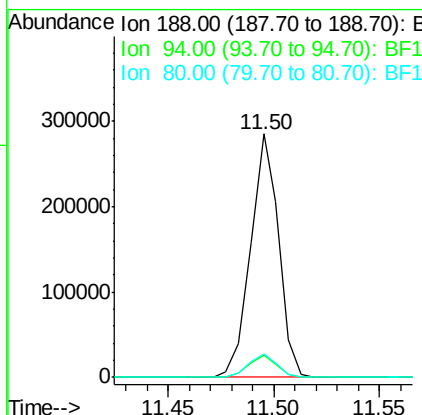
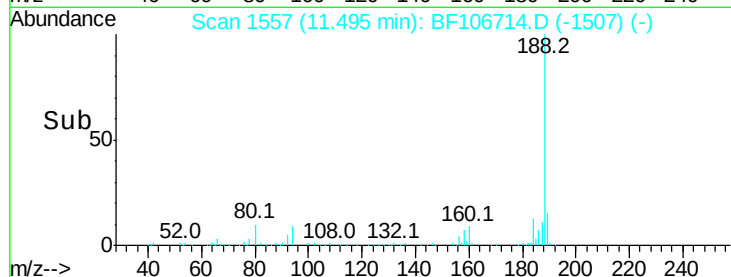
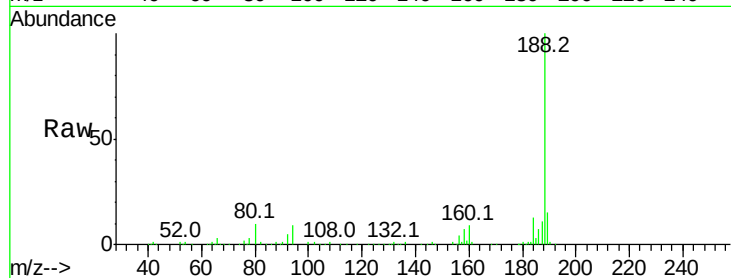
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.9	8.5	12.7
80	9.8	9.2	13.8

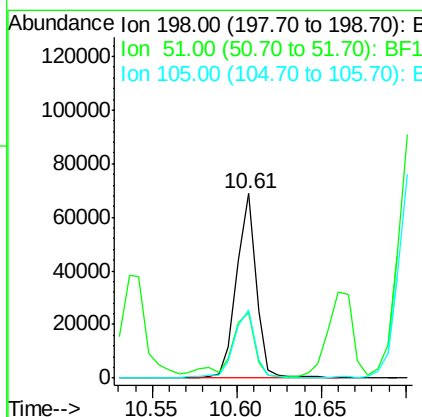
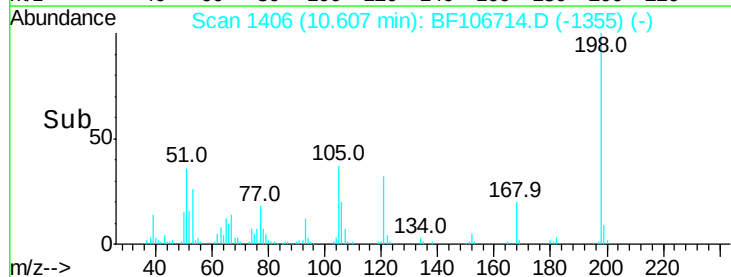
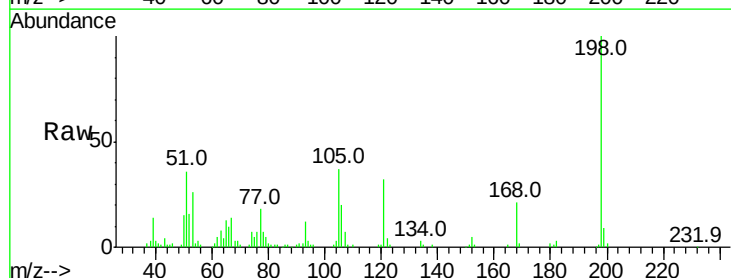
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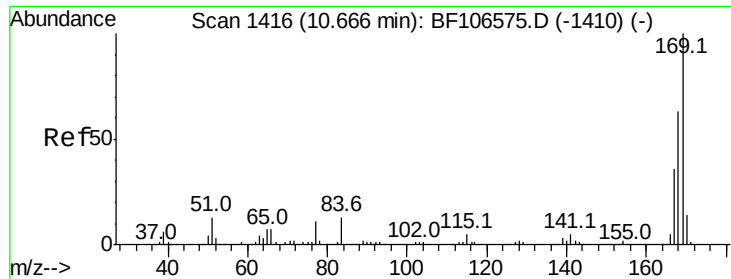
Sohil
6/25/2018 5:16:50 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 34.471 ng
RT: 10.61 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	35.5	37.7	77.7#
105	37.2	36.3	76.3





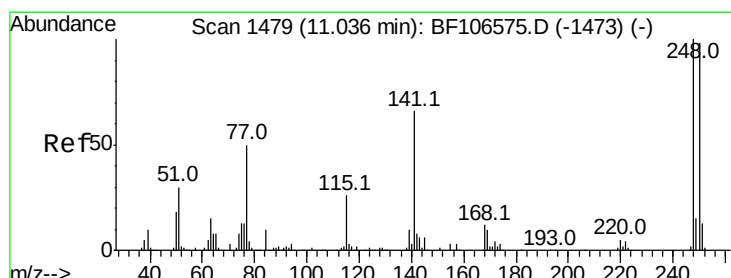
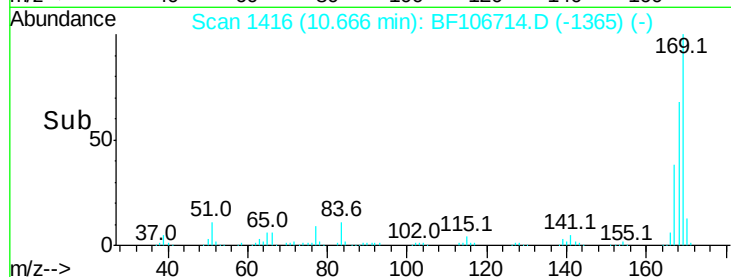
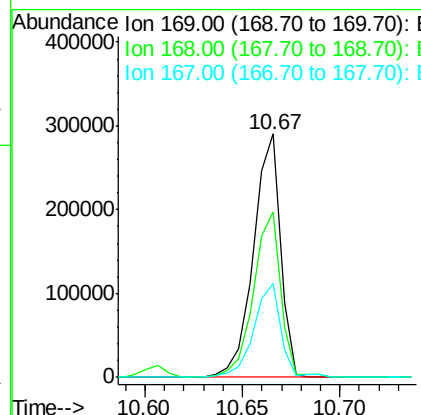
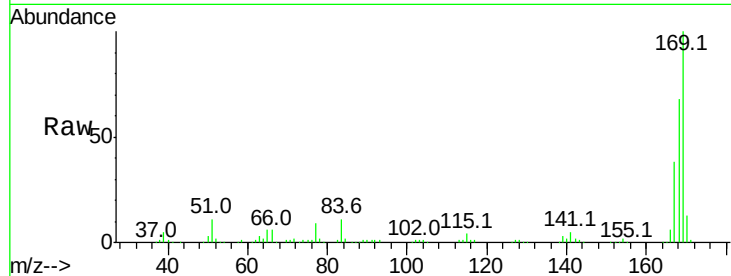
#65
 n-Nitrosodiphenylamine
 Concen: 31.741 ng
 RT: 10.67 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB110505BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	279850		
168	68.0		54.4	81.6
167	38.3		29.8	44.6

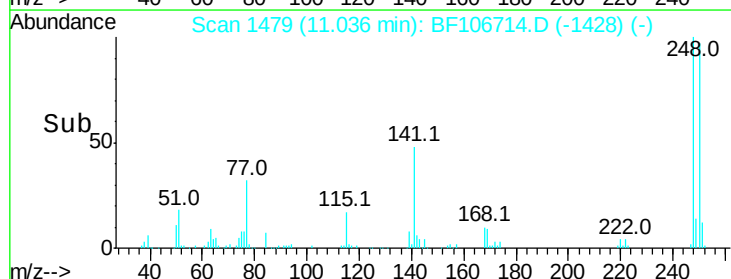
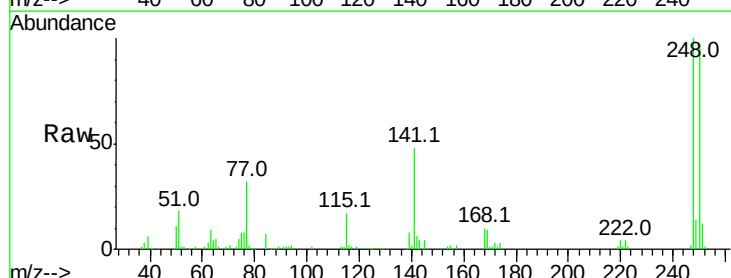
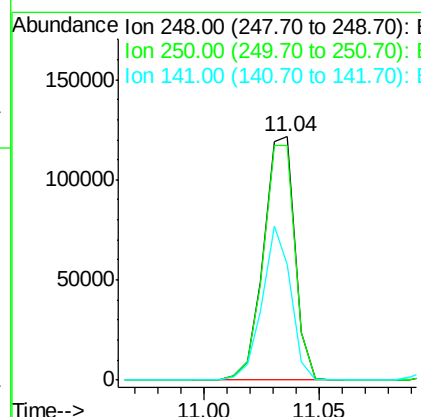
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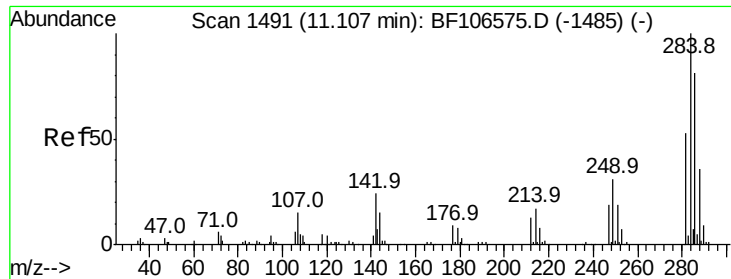
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#66
 4-Bromophenyl-phenylether
 Concen: 36.795 ng
 RT: 11.04 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	115108		
250	96.6		76.9	115.3
141	47.7		74.4	111.6#





#67

Hexachlorobenzene

Concen: 37.287 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

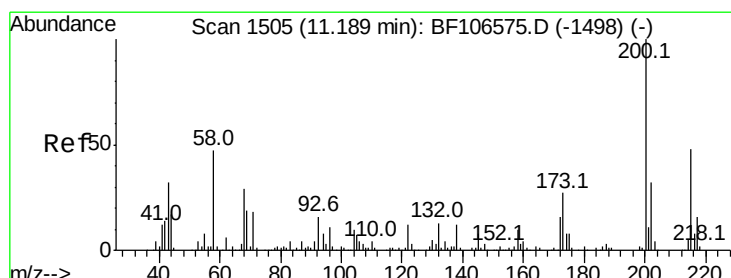
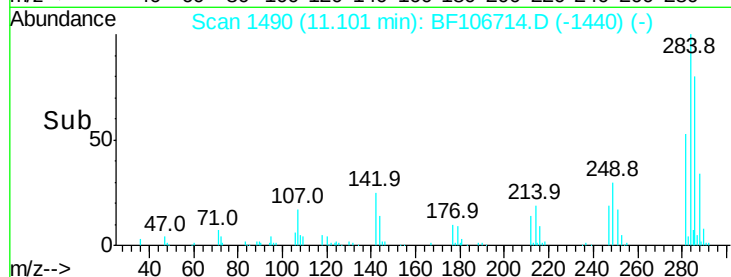
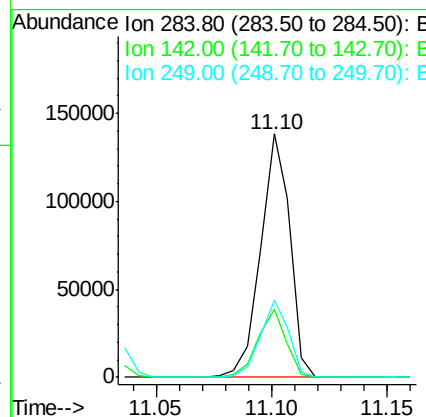
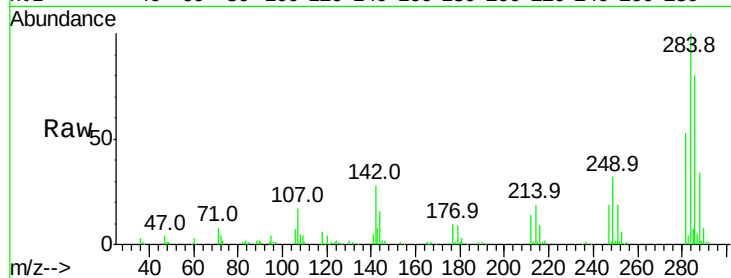
ClientSampleId :

PB110505BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.0	34.6	52.0#	
249	31.6	24.8	37.2	

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#68

Atrazine

Concen: 37.520 ng

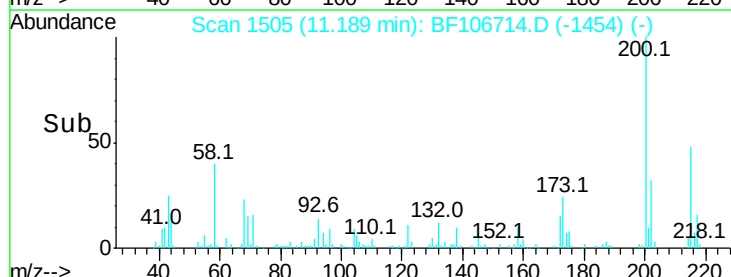
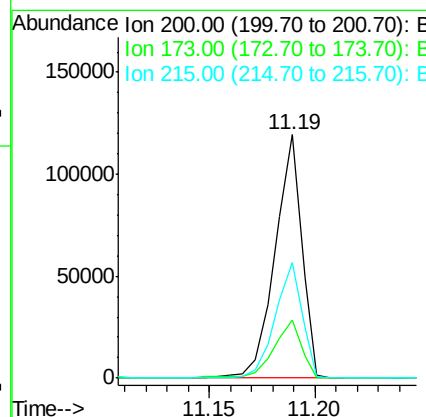
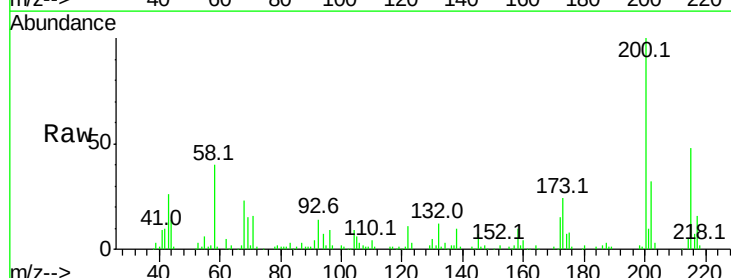
RT: 11.19 min Scan# 1505

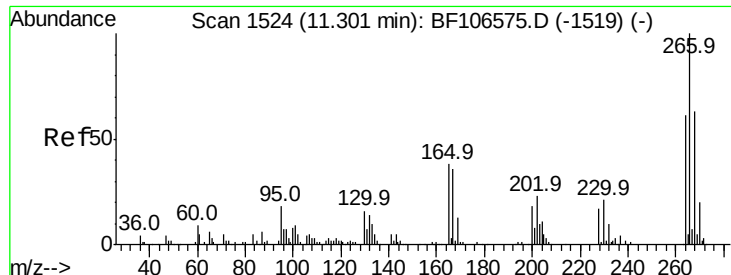
Delta R.T. 0.00 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.9	8.6	48.6	
215	47.7	25.1	65.1	





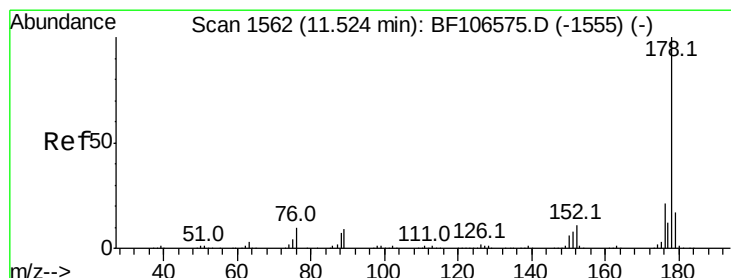
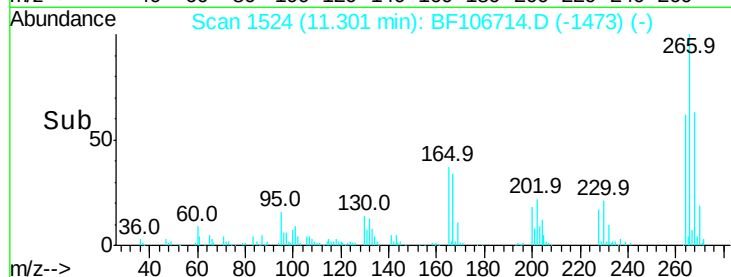
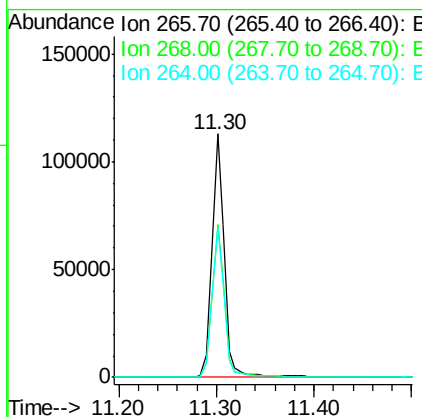
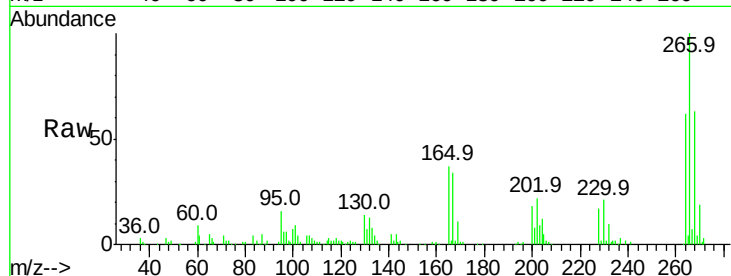
#69
 Pentachlorophenol
 Concen: 61.028 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB110505BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	61.9	49.5	74.3

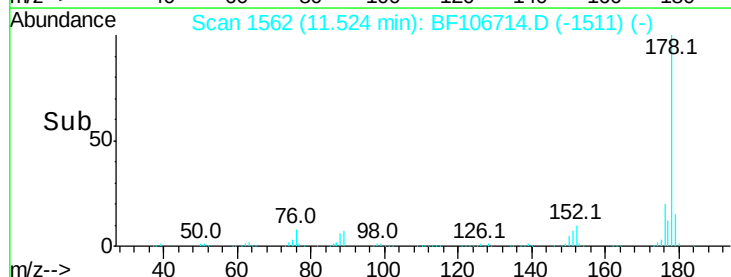
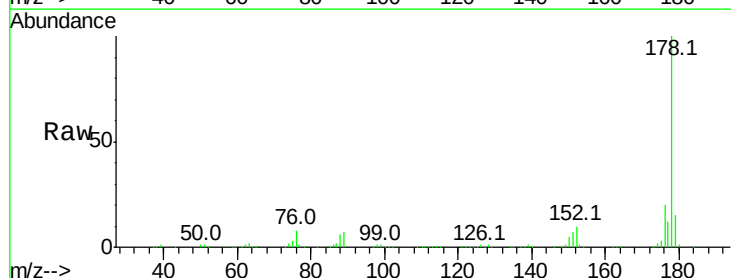
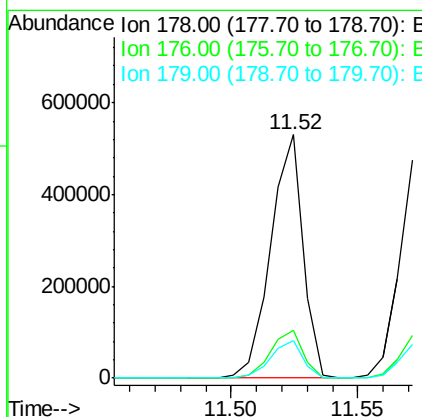
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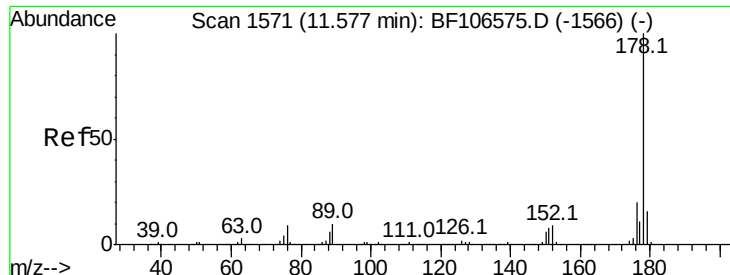
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#70
 Phenanthrene
 Concen: 37.574 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.3	13.0	19.6





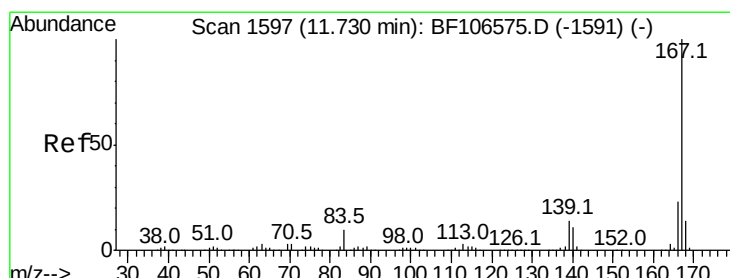
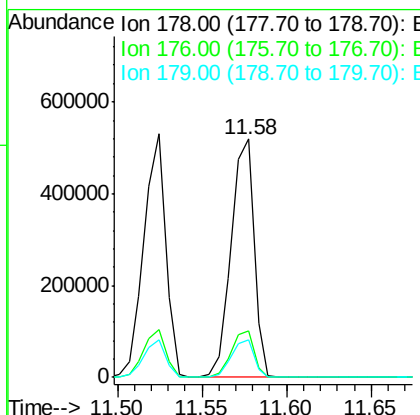
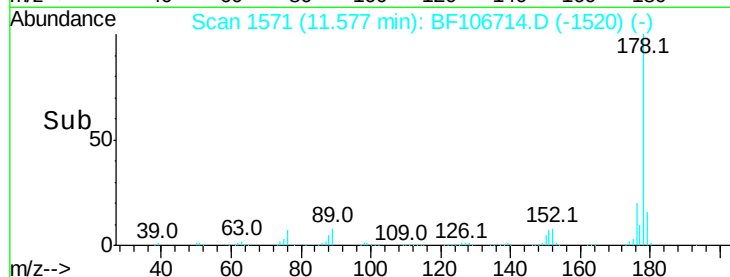
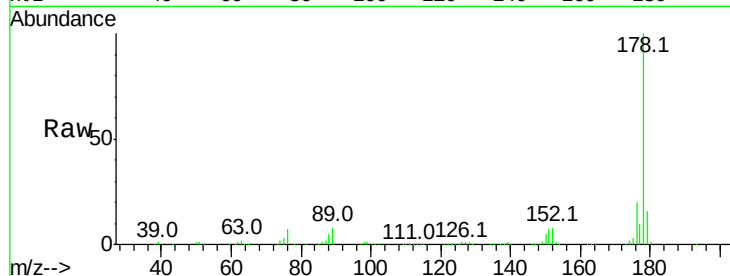
#71
 Anthracene
 Concen: 38.073 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB110505BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.6	12.6	19.0

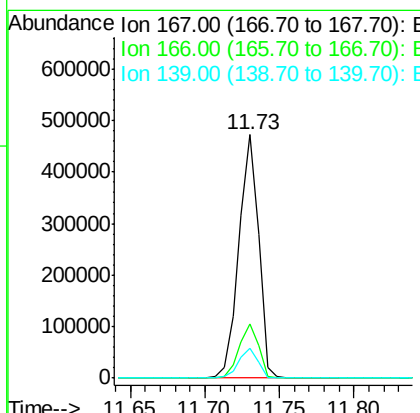
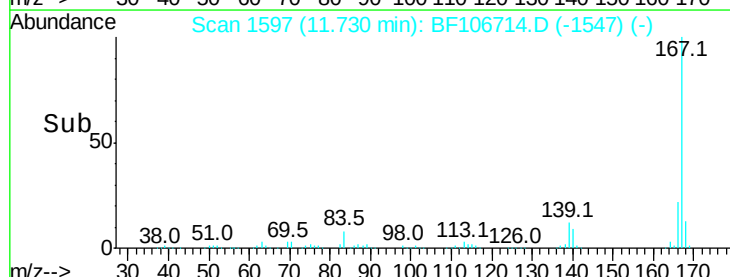
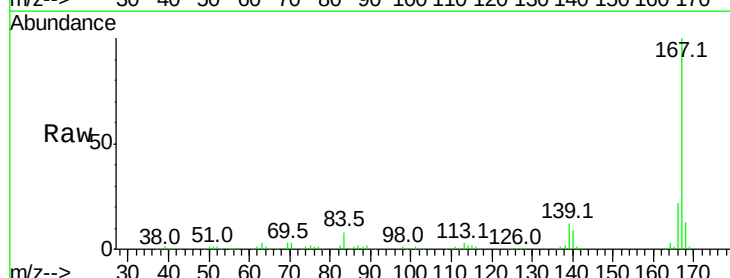
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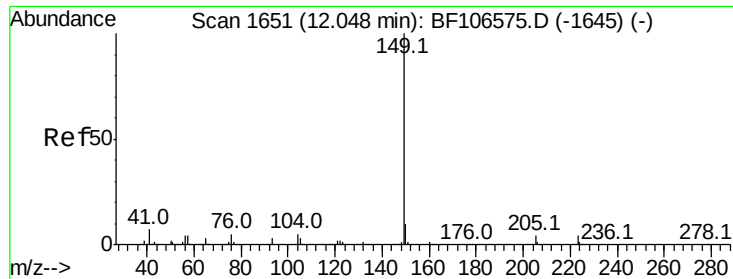
Sohil
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#72
 Carbazole
 Concen: 36.182 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 35.621 ng

RT: 12.04 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

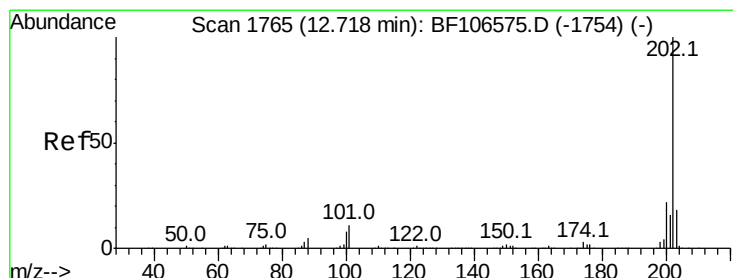
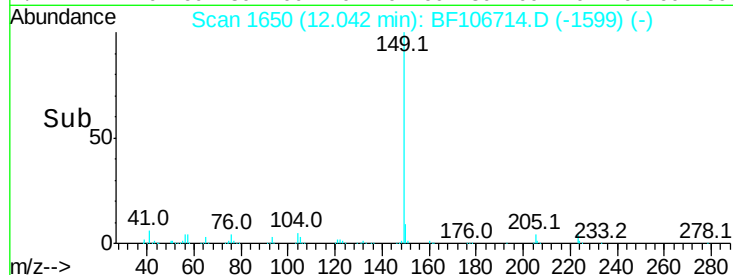
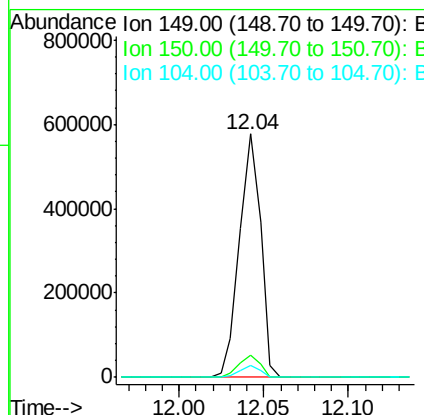
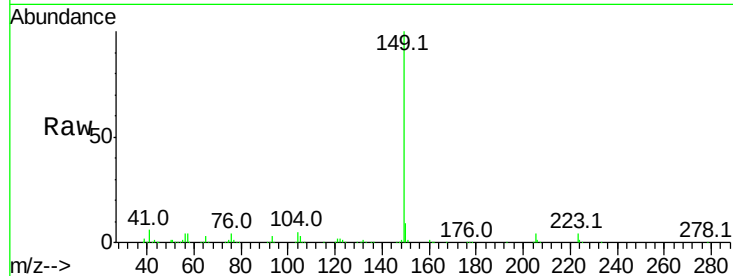
ClientSampleId :

PB110505BS

Tot Ion:	149	Resp:	507016
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.8	3.8	5.8

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#74

Fluoranthene

Concen: 38.724 ng

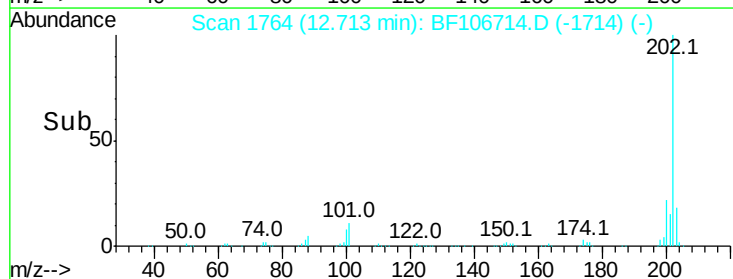
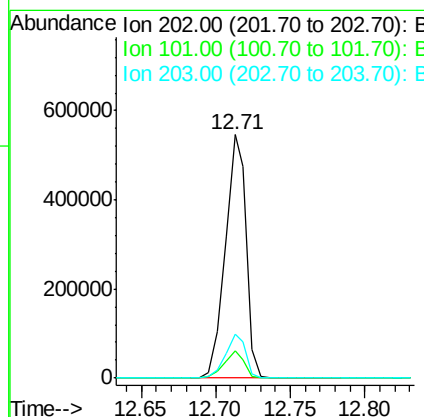
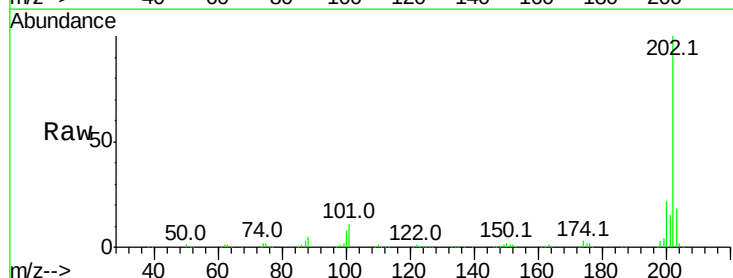
RT: 12.71 min Scan# 1764

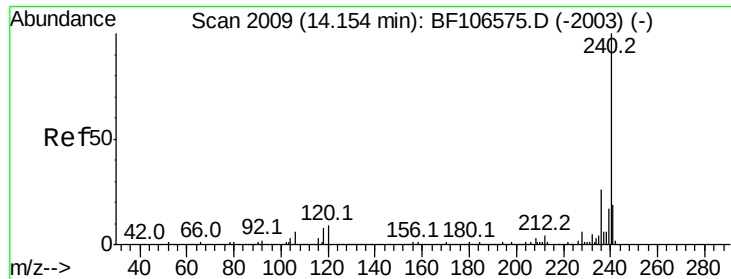
Delta R.T. -0.01 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Tgt Ion:	202	Resp:	539621
Ion Ratio	Lower	Upper	
202	100		
101	11.0	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

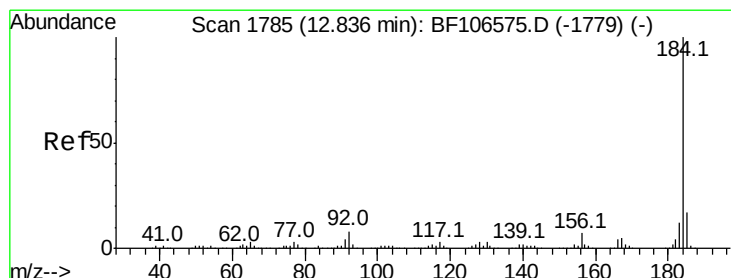
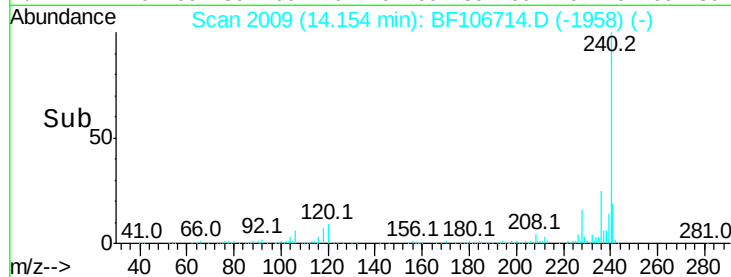
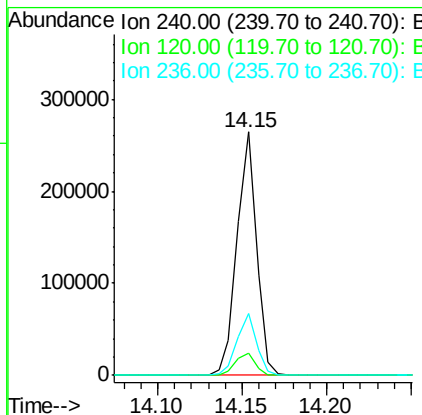
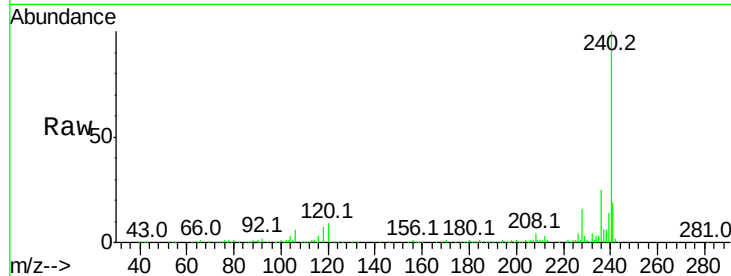
ClientSampleId :

PB110505BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	25.5	20.7	31.1

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#76

Benzidine

Concen: 33.570 ng

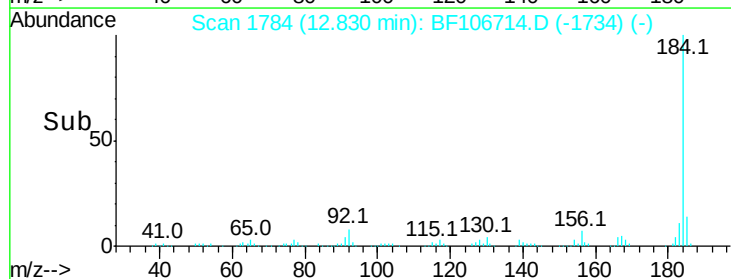
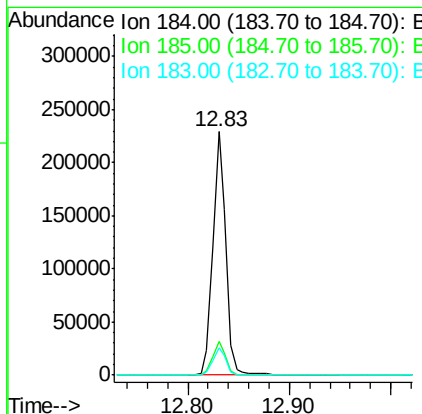
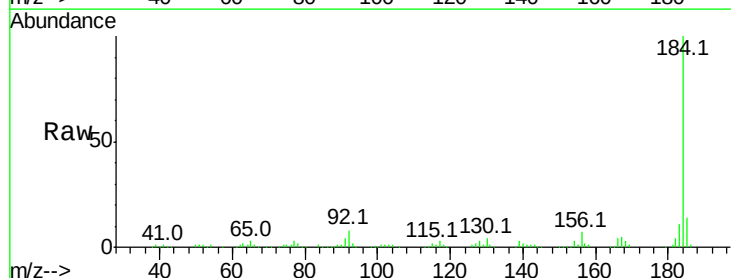
RT: 12.83 min Scan# 1784

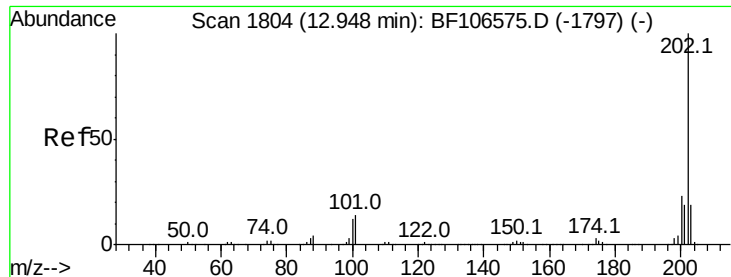
Delta R.T. -0.01 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.6	18.8
183	11.3	9.3	13.9





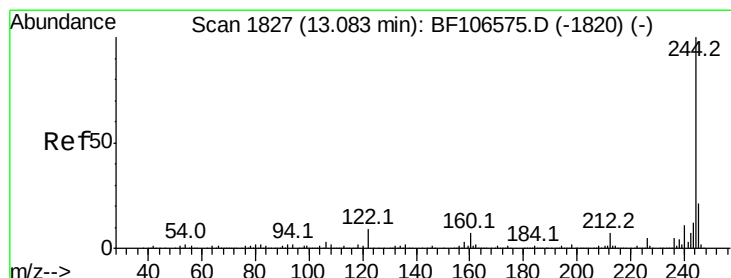
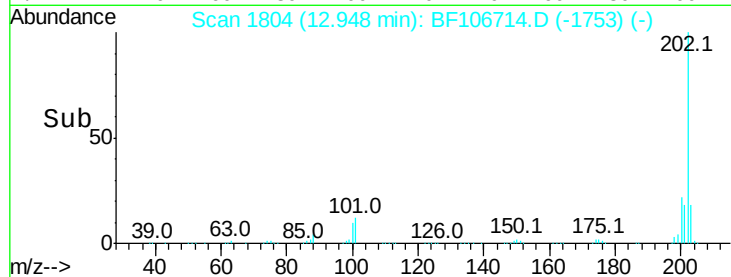
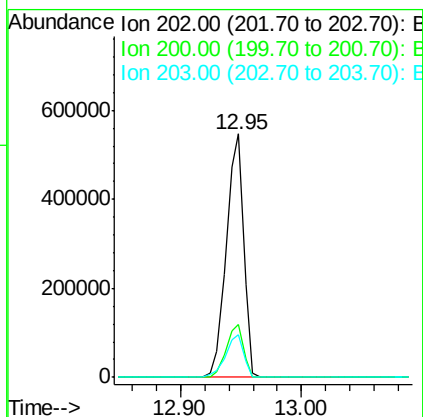
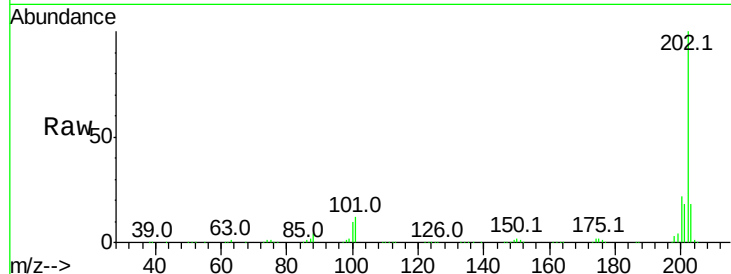
#77
Pvrene
Concen: 38.914 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.7	14.3	21.5

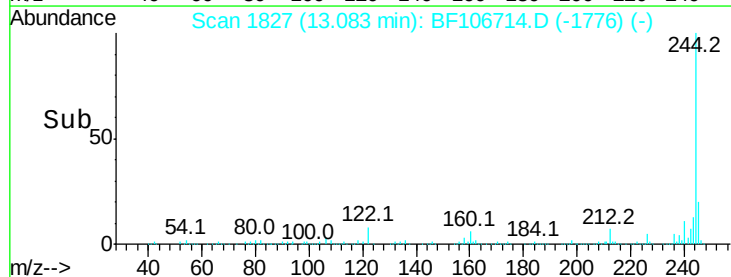
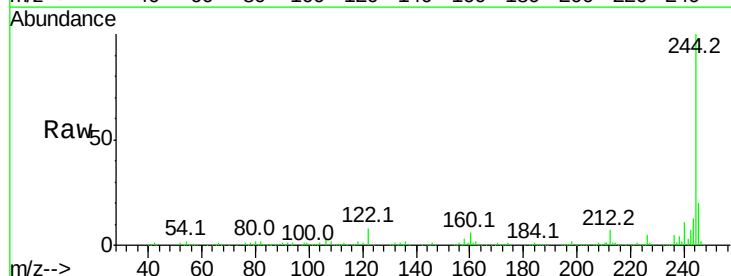
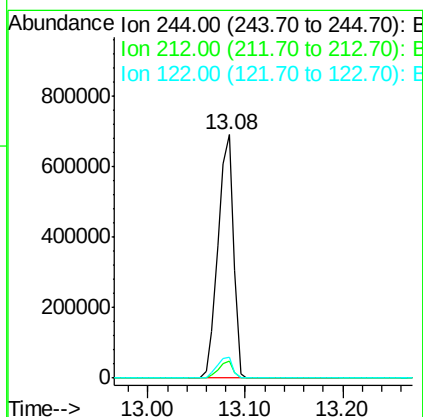
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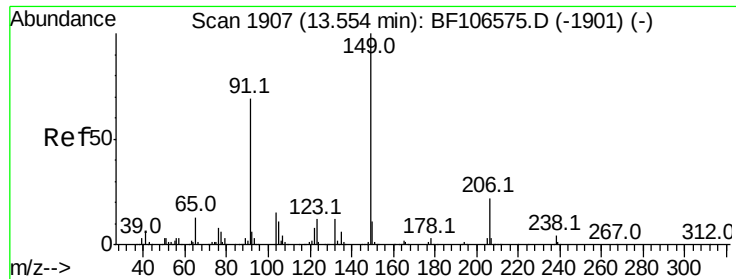
Sohil
6/25/2018 5:16:50 PM



#78
Terphenyl-d14
Concen: 86.211 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	8.4	11.0	16.4#





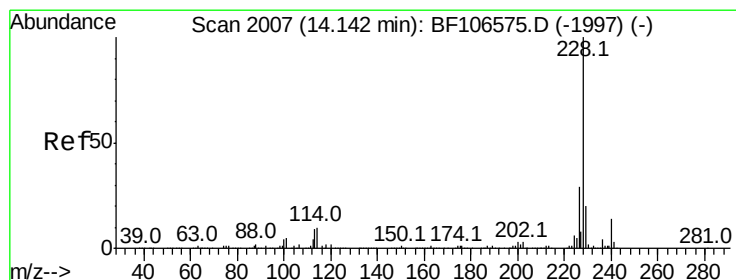
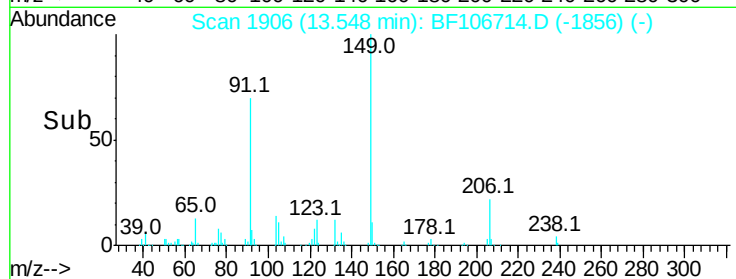
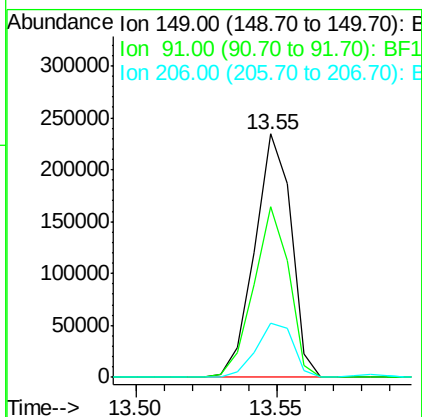
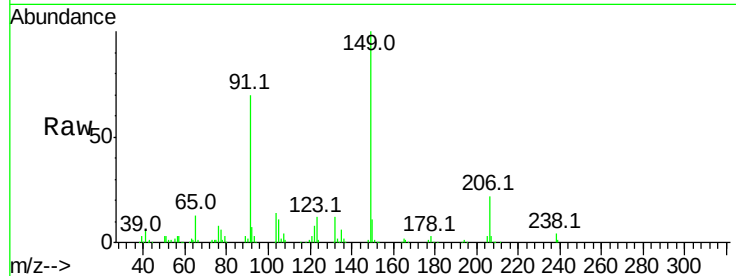
#79
Butylbenzylphthalate
Concen: 36.477 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	69.9	56.8	85.2
206	22.4	14.1	21.1

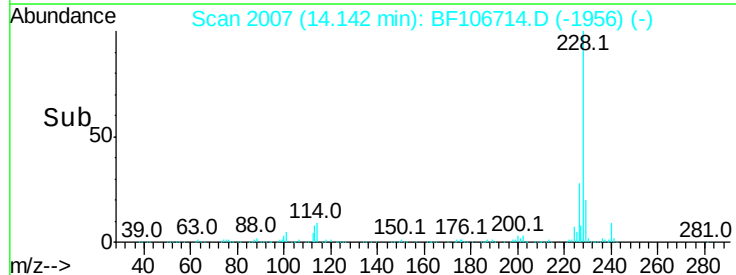
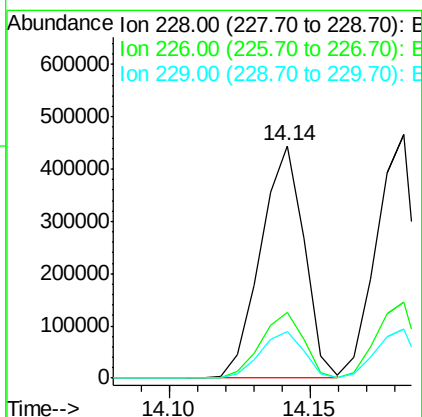
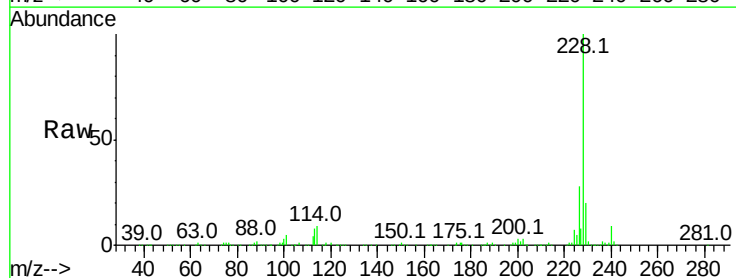
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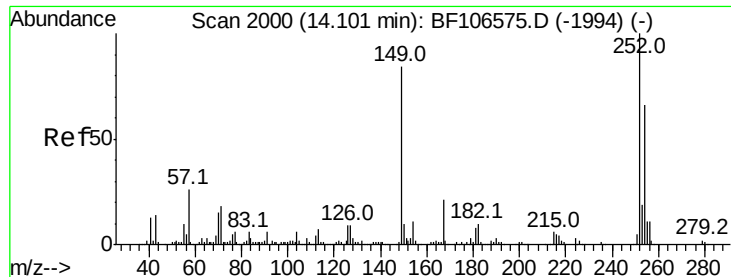
Sohil
6/25/2018 5:16:50 PM



#80
Benzo(a)anthracene
Concen: 36.591 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.3	22.6	33.8
229	19.9	15.8	23.6





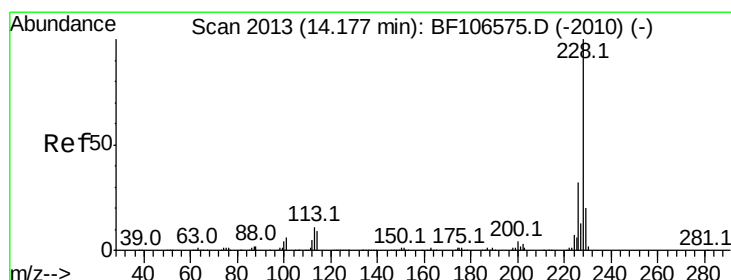
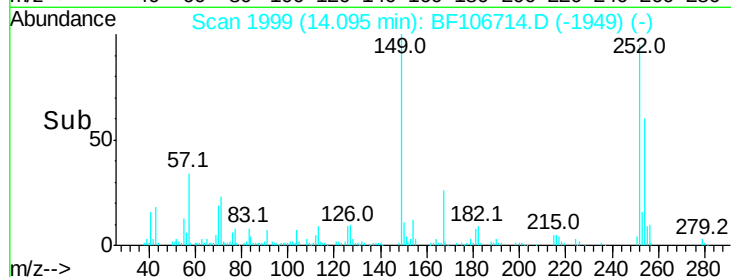
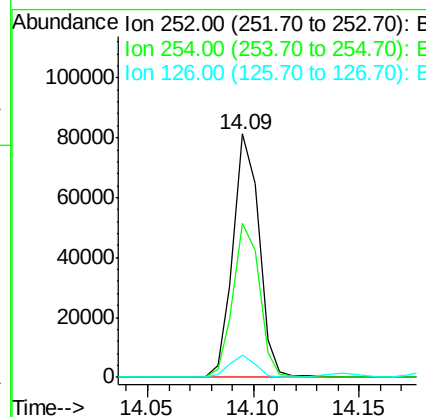
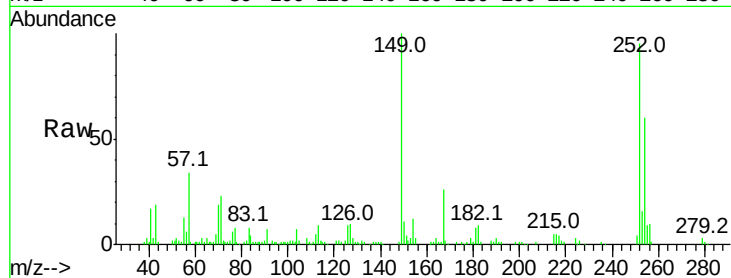
#81
 3,3'-Dichlorobenzidine
 Concen: 15.174 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Instrument :
 BNA_F
 ClientSampled :
 PB110505BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.4	75.6
126	9.4	11.3	16.9

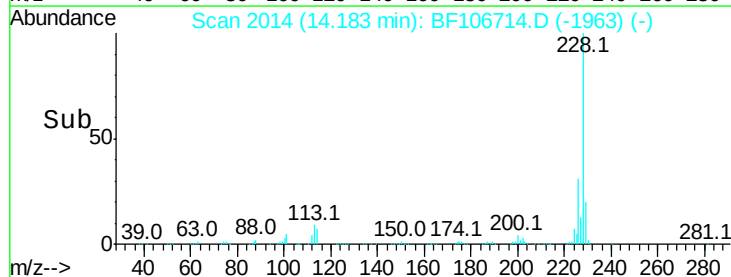
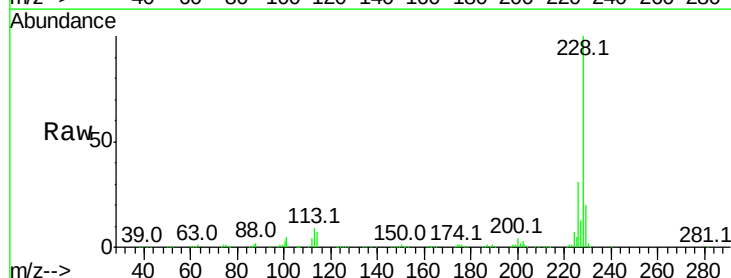
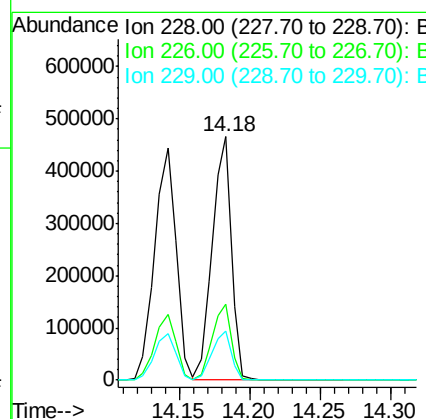
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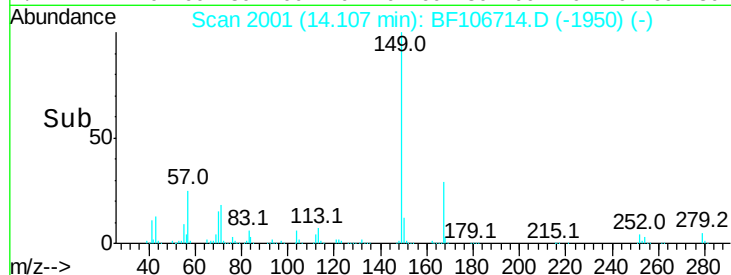
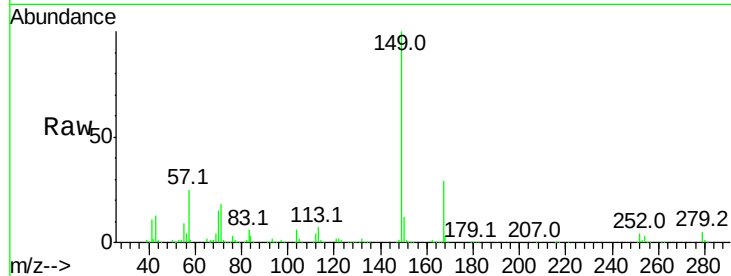
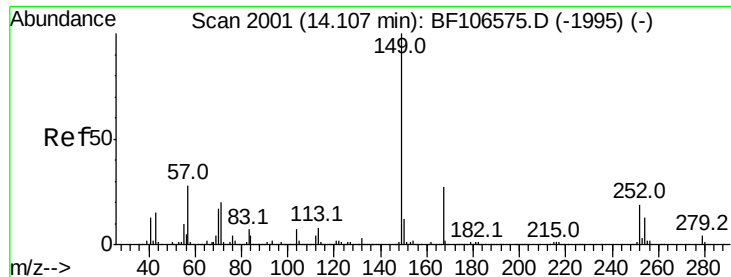
Sohil
 6/25/2018 5:16:50 PM



#82
 Chrysene
 Concen: 36.775 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.355 ng

RT: 14.11 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

Instrument :

BNA_F

ClientSampleId :

PB110505BS

Tot Ion:149 Resp: 283220

Ion Ratio Lower Upper

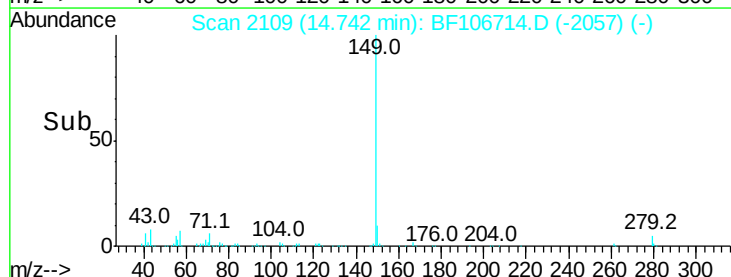
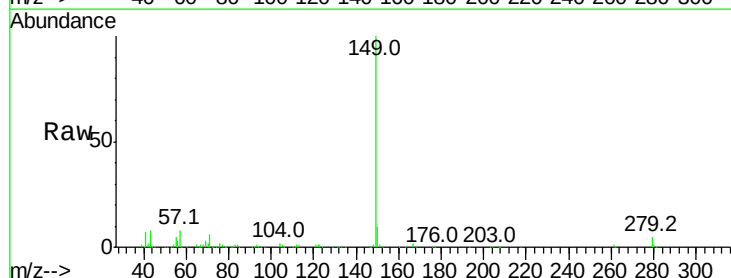
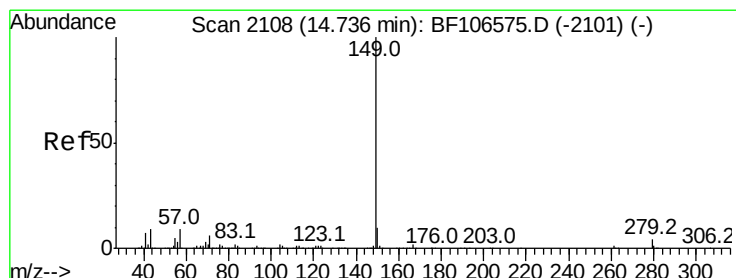
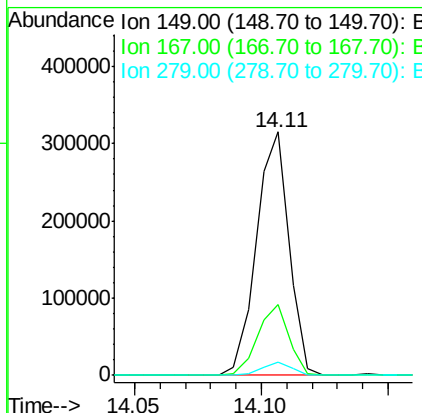
149 100

167 28.9 21.3 31.9

279 5.3 3.0 4.4#

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#84

Di-n-octyl phthalate

Concen: 35.669 ng

RT: 14.74 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BF106714.D

Acq: 22 Jun 2018 17:57

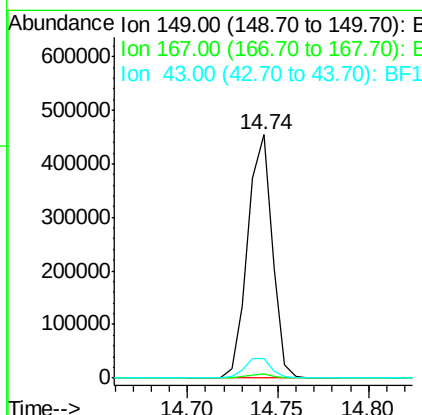
Tgt Ion:149 Resp: 429336

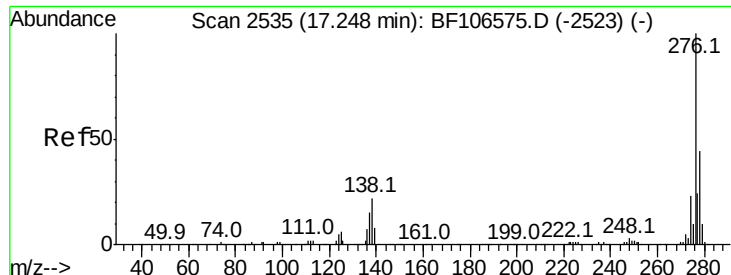
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 8.8 8.4 12.6





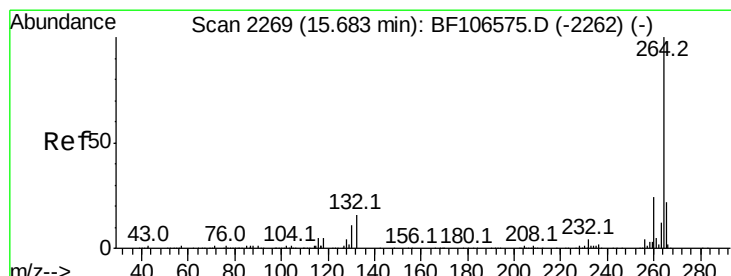
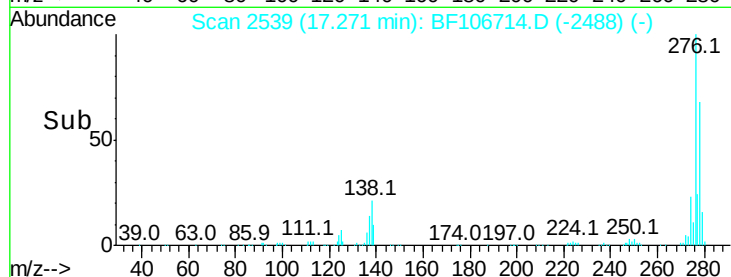
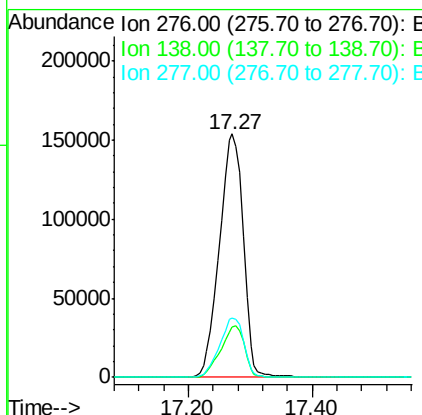
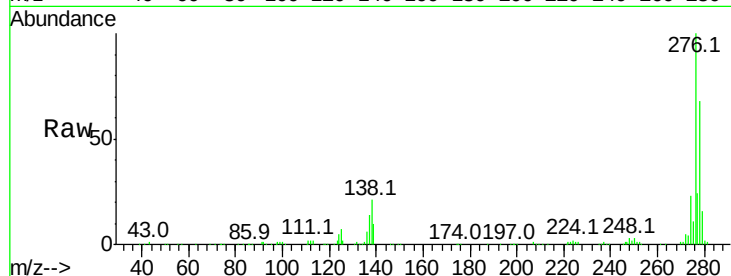
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.935 ng
RT: 17.27 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	24.6	20.1	30.1

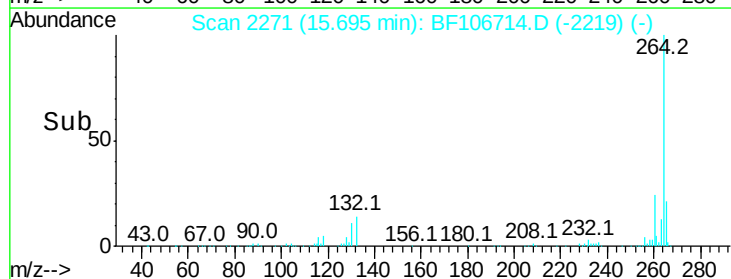
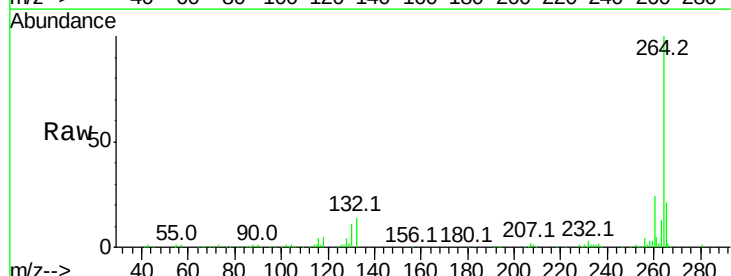
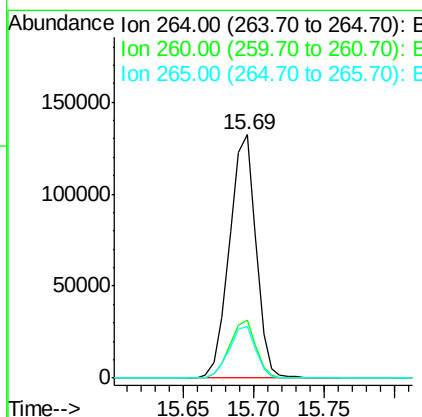
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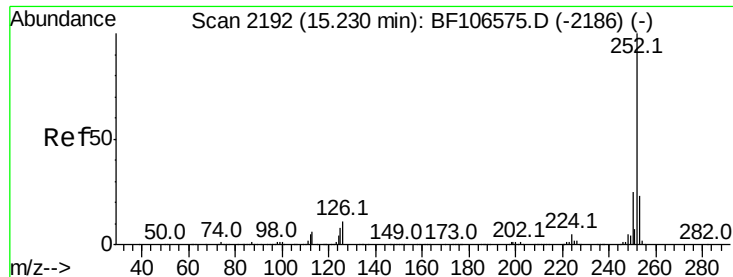
Sohil
6/25/2018 5:16:50 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.5	26.3





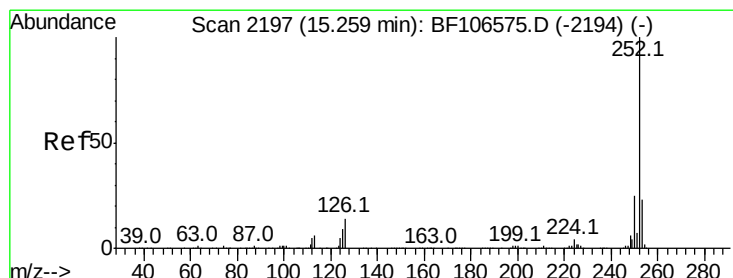
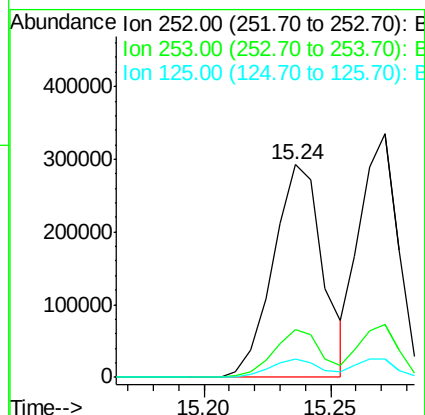
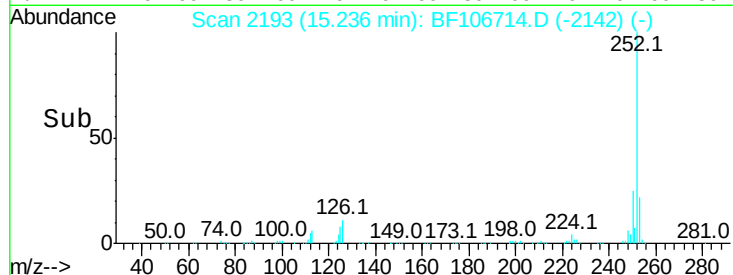
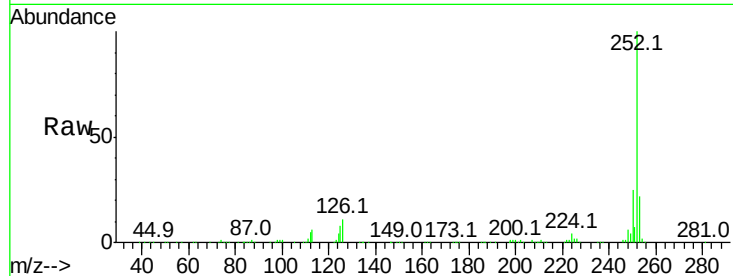
#87
Benzo(b)fluoranthene
Concen: 37.184 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	8.4	9.0	13.6

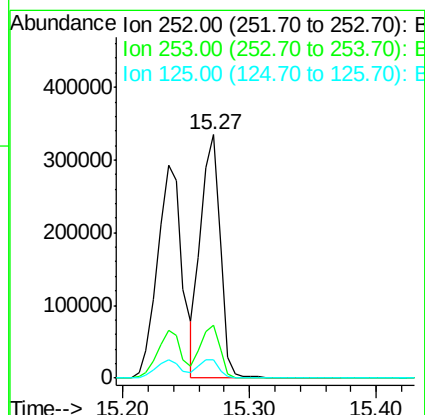
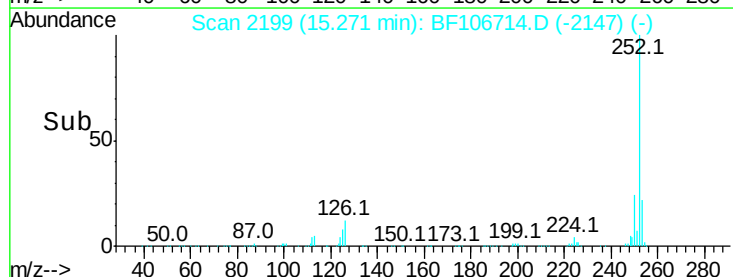
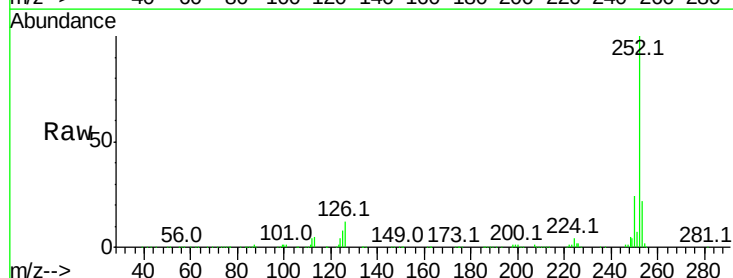
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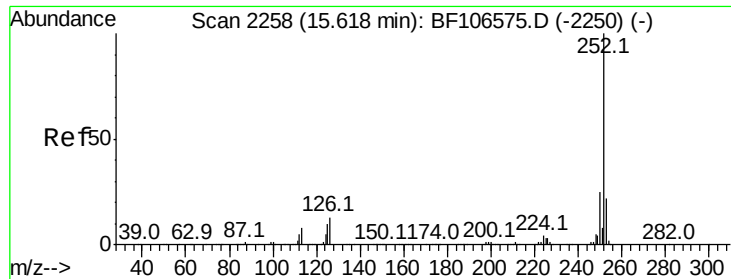
Sohil
6/25/2018 5:16:50 PM



#88
Benzo(k)fluoranthene
Concen: 34.861 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	7.7	10.2	15.2





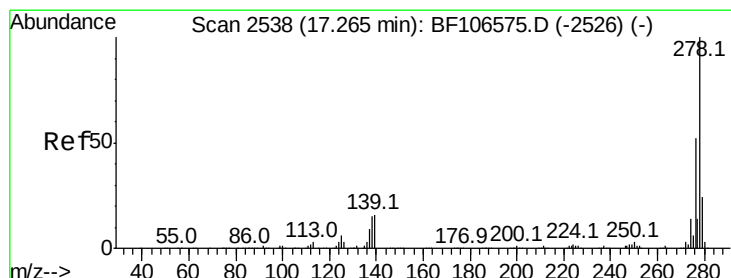
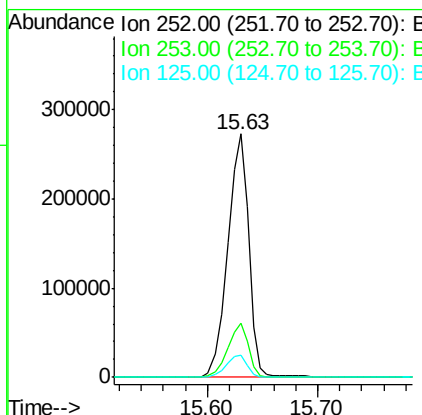
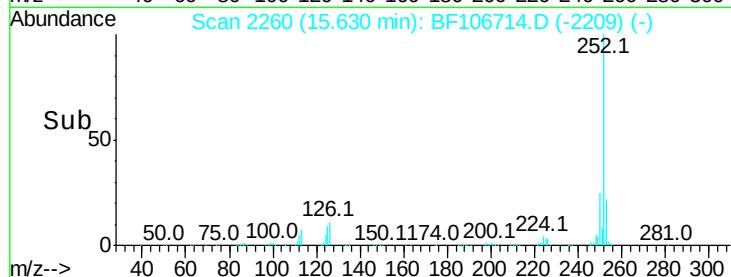
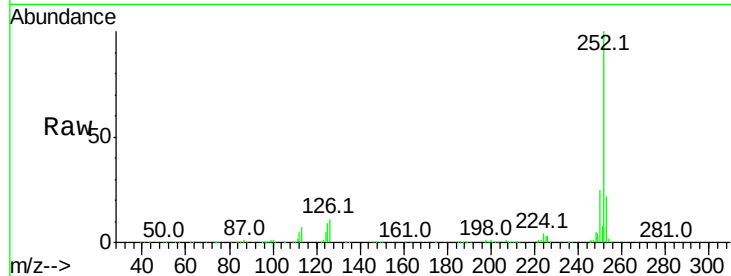
#89
Benzo(a)pyrene
Concen: 38.228 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Instrument :
BNA_F
ClientSampleId :
PB110505BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.2	9.8	14.6

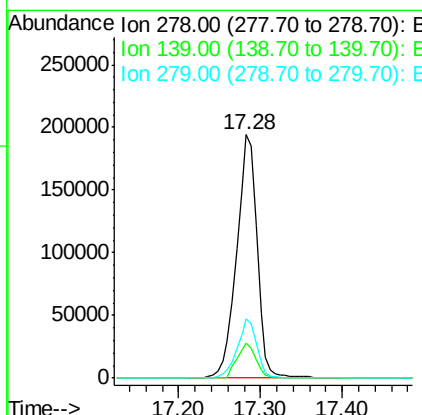
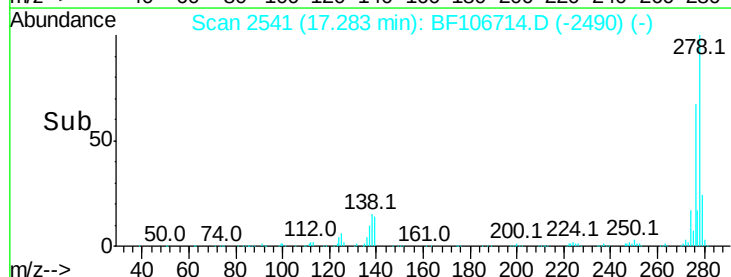
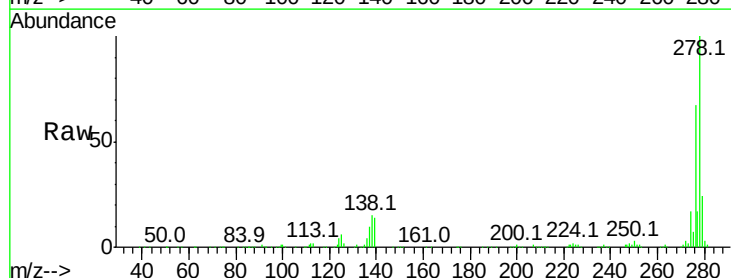
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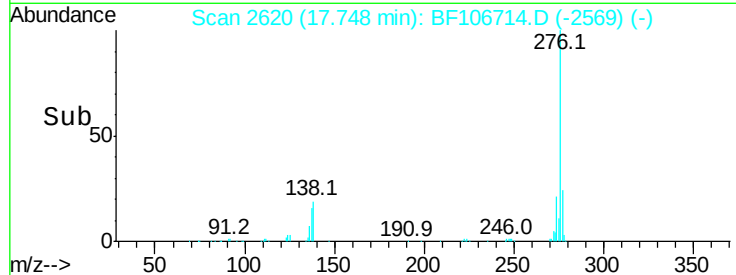
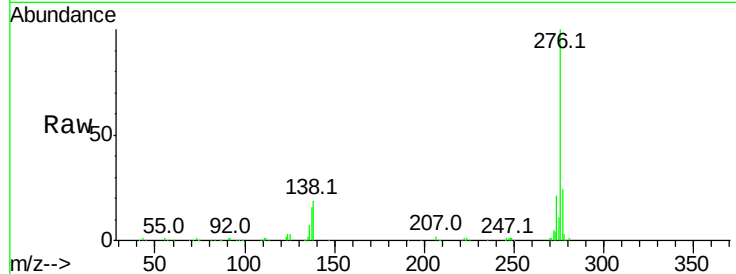
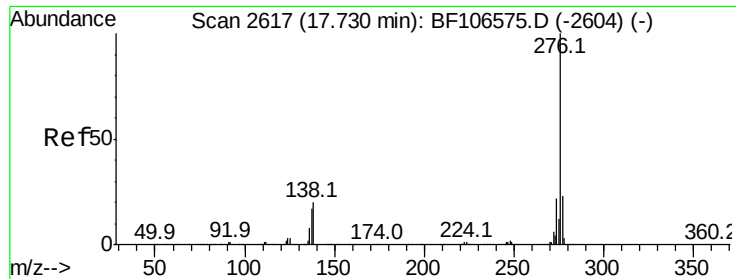
Sohil
6/25/2018 5:16:50 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.056 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BF106714.D
Acq: 22 Jun 2018 17:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	15.9	23.9
279	24.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.330 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. 0.00 min
 Lab File: BF106714.D
 Acq: 22 Jun 2018 17:57

Instrument :
 BNA_F
 ClientSampleId :
 PB110505BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	18.9	21.8	32.8

Manual Integrations
 APPROVED

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 6/25/2018 5:16:50 PM

