

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106697.D
 Acq On : 22 Jun 2018 9:59
 Operator : JU/SJ
 Sample : PB110463BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110463BS

Manual Integrations
 APPROVED

Sohil
 6/25/2018 5:16:28 PM

Quant Time: Jun 22 11:43:12 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	68652	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	271287	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	146677	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	307952	20.00	ng	0.00
75) Chrysene-d12	14.15	240	244532	20.00	ng	0.00
86) Perylene-d12	15.69	264	221877	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	443898	109.49	ng	0.01
7) Phenol-d6	6.61	99	574204	113.41	ng	0.00
23) Nitrobenzene-d5	7.53	82	380429	77.93	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	220354	129.62	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	721077	82.84	ng	0.00
78) Terphenyl-d14	13.08	244	929687	92.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	60808	29.173	ng	96
3) Pyridine	3.66	79	182177	32.227	ng	98
4) n-Nitrosodimethylamine	3.62	42	78124	32.539	ng	82
6) Aniline	6.63	93	176049	25.634	ng	# 69
8) 2-Chlorophenol	6.76	128	169149	38.038	ng	96
9) Benzaldehyde	6.51	77	83515	21.346	ng	99
10) Phenol	6.62	94	206798	35.790	ng	80
11) bis(2-Chloroethyl)ether	6.70	93	176321	36.964	ng	99
12) 1,3-Dichlorobenzene	6.90	146	195316	37.502	ng	100
13) 1,4-Dichlorobenzene	6.98	146	195662	37.159	ng	100
14) 1,2-Dichlorobenzene	7.13	146	183341	37.993	ng	98
15) Benzyl Alcohol	7.11	79	153684	37.803	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	247614	39.564	ng	69
17) 2-Methylphenol	7.22	107	147300	38.708	ng	# 91
18) Hexachloroethane	7.47	117	69649	37.614	ng	# 88
19) n-Nitroso-di-n-propylamine	7.37	70	116940	35.039	ng	93
20) 3+4-Methylphenols	7.37	107	178554	42.899	ng	# 69
22) Acetophenone	7.37	105	230052	37.904	ng	# 95
24) Nitrobenzene	7.55	77	188005	37.723	ng	99
25) Isophorone	7.78	82	350138	40.704	ng	99
26) 2-Nitrophenol	7.86	139	98650	41.930	ng	99
27) 2,4-Dimethylphenol	7.90	122	161836	44.503	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	222525	38.528	ng	99
29) 2,4-Dichlorophenol	8.11	162	162288	42.627	ng	95
30) 1,2,4-Trichlorobenzene	8.18	180	172392	41.104	ng	98
31) Naphthalene	8.27	128	500218	39.439	ng	99
32) Benzoic acid	8.04	122	98068m	38.379	ng	
33) 4-Chloroaniline	8.31	127	94291	17.717	ng	99
34) Hexachlorobutadiene	8.37	225	114711	41.975	ng	98
35) Caprolactam	8.70	113	53046m	42.743	ng	
36) 4-Chloro-3-methylphenol	8.81	107	170938	42.656	ng	95
37) 2-Methylnaphthalene	8.96	142	375514	44.667	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	191203	38.708	ng	# 97
40) Hexachlorocyclopentadiene	9.11	237	215665	84.860	ng	99

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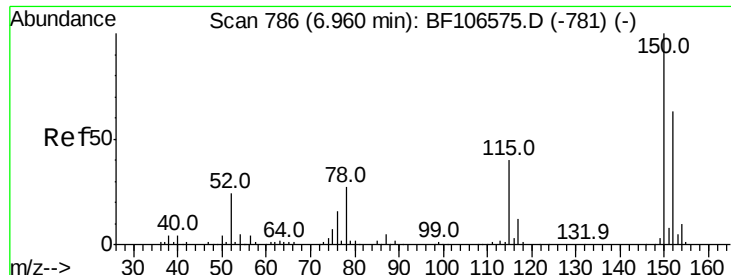
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	123783	37.699	nq	93
43) 2,4,5-Trichlorophenol	9.29	196	128495	37.504	nq	90
45) 1,1'-Biphenyl	9.42	154	447686	38.298	nq	98
46) 2-Chloronaphthalene	9.45	162	335404	36.452	nq	95
47) 2-Nitroaniline	9.55	65	111103	35.908	nq	97
48) Acenaphthylene	9.87	152	536950	36.962	nq	99
49) Dimethylphthalate	9.72	163	405732	36.882	nq	99
50) 2,6-Dinitrotoluene	9.79	165	98025	42.080	nq	91
51) Acenaphthene	10.04	154	323324	35.345	nq	98
52) 3-Nitroaniline	9.96	138	65446	24.414	nq	98
53) 2,4-Dinitrophenol	10.08	184	93913	77.704	nq #	12
54) Dibenzofuran	10.21	168	504600	40.284	nq	97
55) 4-Nitrophenol	10.15	139	122225	65.322	nq	98
56) 2,4-Dinitrotoluene	10.20	165	132040	43.425	nq #	83
57) Fluorene	10.56	166	393699	39.608	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	119604	43.915	nq #	81
59) Diethylphthalate	10.42	149	393706	37.080	nq	95
60) 4-Chlorophenyl-phenylether	10.54	204	205087	39.434	nq #	87
61) 4-Nitroaniline	10.59	138	101006	37.967	nq	90
62) Azobenzene	10.71	77	385237	36.844	nq	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	75091	39.447	nq #	67
65) n-Nitrosodiphenylamine	10.67	169	356295	34.398	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	146756	39.931	nq #	79
67) Hexachlorobenzene	11.11	284	152352	39.606	nq #	82
68) Atrazine	11.19	200	132381	40.203	nq	96
69) Pentachlorophenol	11.31	266	134767	70.216	nq	99
70) Phenanthrene	11.52	178	593982	39.990	nq	99
71) Anthracene	11.58	178	619182	40.841	nq	100
72) Carbazole	11.73	167	546286	38.487	nq	99
73) Di-n-butylphthalate	12.04	149	629365	37.637	nq	100
74) Fluoranthene	12.72	202	663324	40.518	nq	96
76) Benzidine	12.84	184	238731	34.280	nq	97
77) Pyrene	12.95	202	668783	41.474	nq	100
79) Butylbenzylphthalate	13.55	149	255072	38.473	nq #	96
80) Benzo(a)anthracene	14.14	228	594308	39.877	nq	99
81) 3,3'-Dichlorobenzidine	14.10	252	134903	25.755	nq #	95
82) Chrysene	14.18	228	542328	39.554	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	328900	38.803	nq #	96
84) Di-n-octyl phthalate	14.74	149	518422	37.522	nq #	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	564873	48.547	nq #	90
87) Benzo(b)fluoranthene	15.24	252	531396	38.555	nq #	96
88) Benzo(k)fluoranthene	15.27	252	477730	36.397	nq #	95
89) Benzo(a)pyrene	15.63	252	497357	40.592	nq #	97
90) Dibenzo(a,h)anthracene	17.29	278	465403	44.819	nq #	93
91) Benzo(g,h,i)perylene	17.76	276	487731	48.055	nq #	89

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



#1

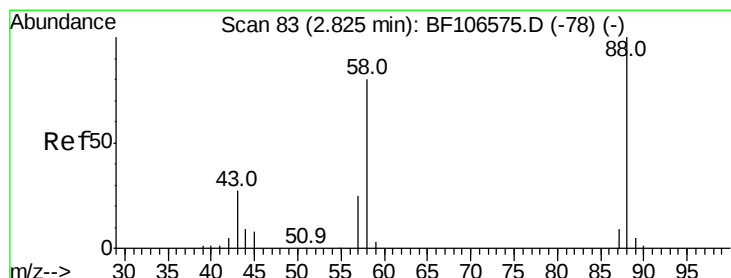
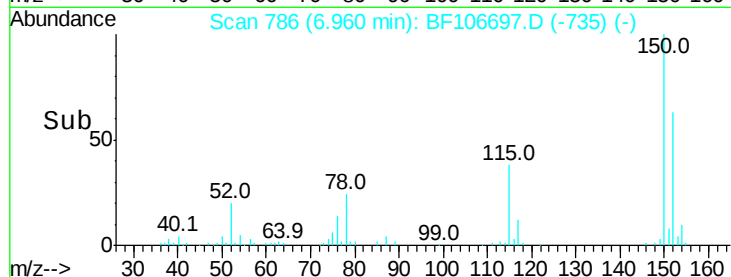
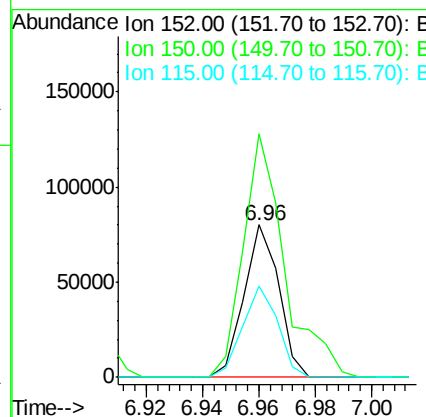
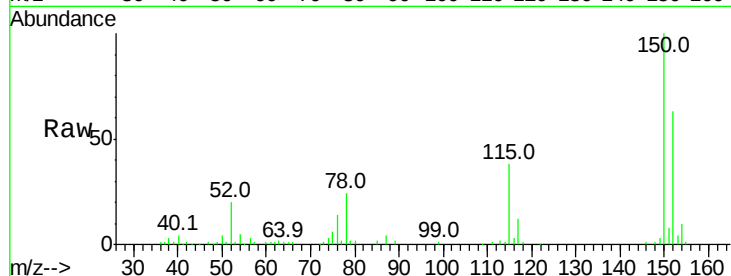
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	59.9	50.1	75.1

Manual Integrations
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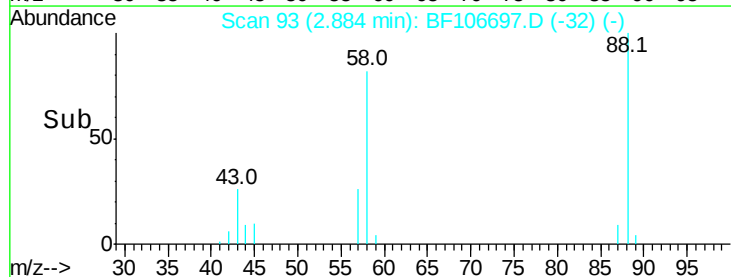
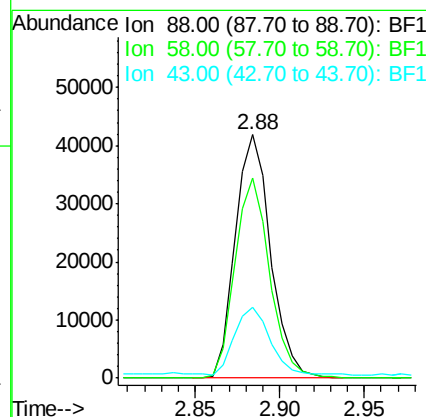
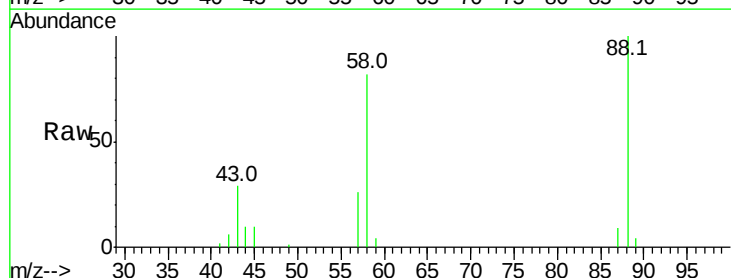
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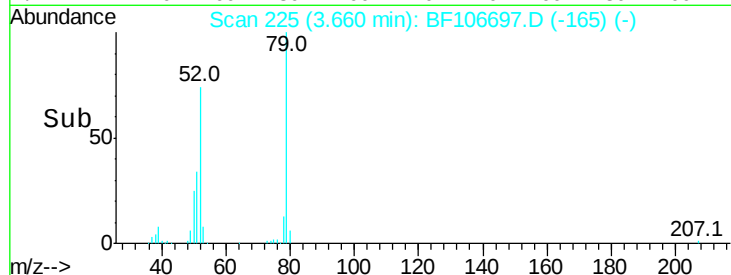
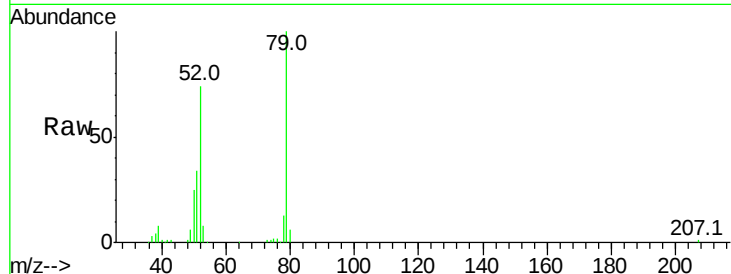
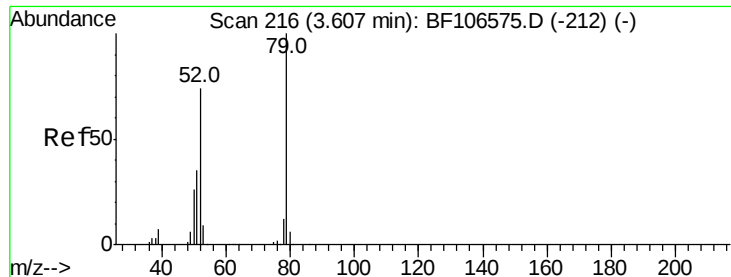


#2

1,4-Dioxane
Concen: 29.173 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.06 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	62.6	93.8
43	28.5	24.6	37.0





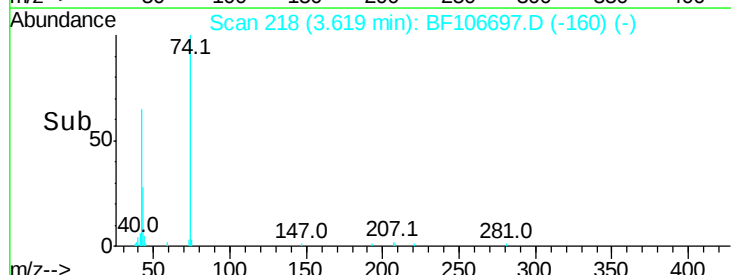
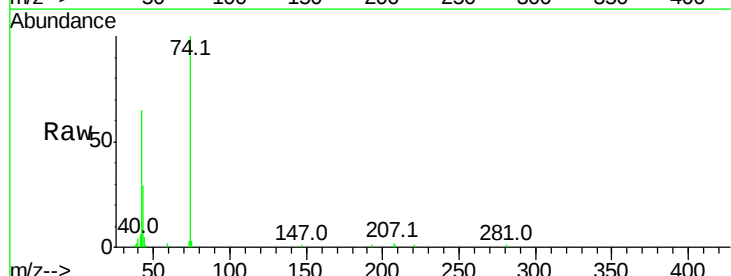
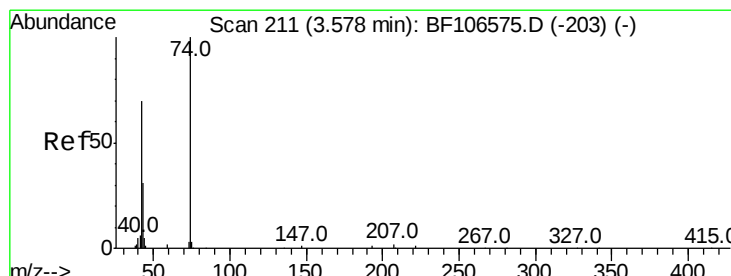
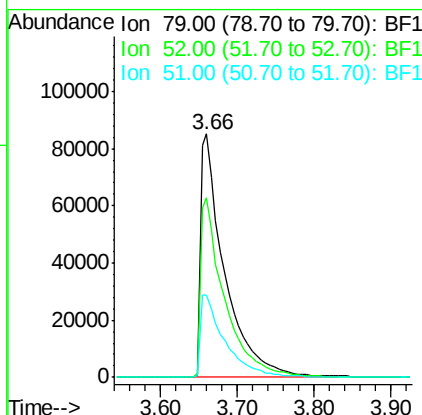
#3
Pvridine
Concen: 32.227 ng
RT: 3.66 min Scan# 225
Delta R.T. 0.05 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.0	59.8	89.6
51	33.9	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB110463BS

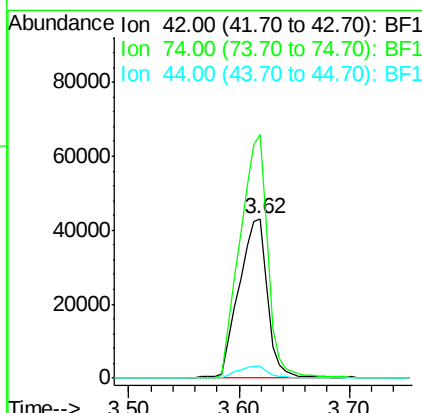
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#4
n-Nitrosodimethylamine
Concen: 32.539 ng
RT: 3.62 min Scan# 218
Delta R.T. 0.04 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.8	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 109.488 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

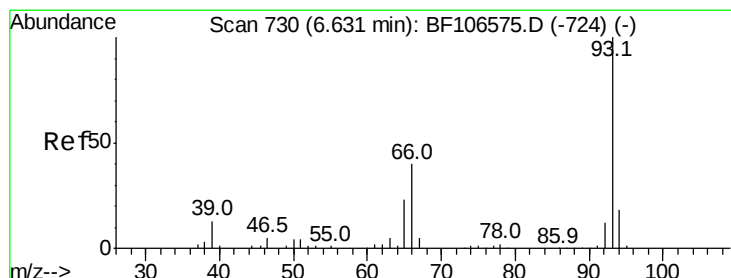
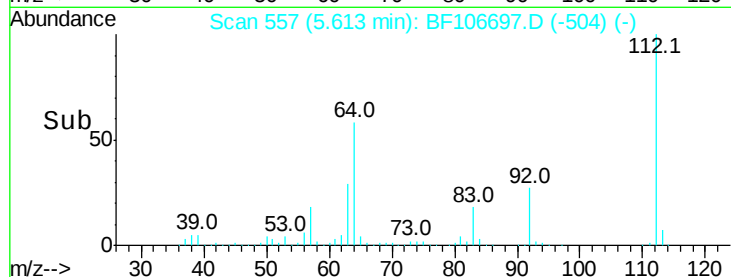
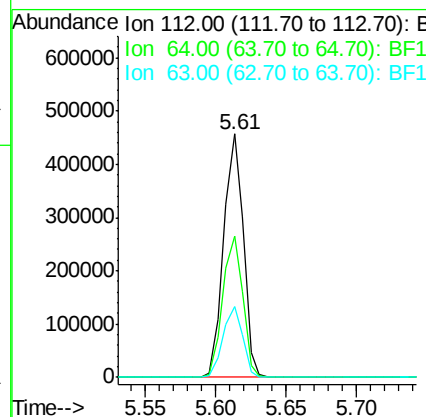
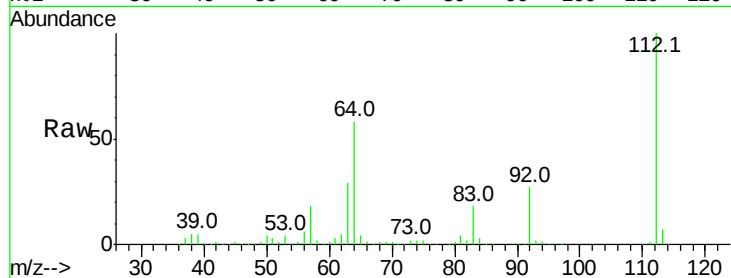
ClientSampleId :

PB110463BS

Tot Ion:	112	Resp:	443898
Ion Ratio	Lower	Upper	
112	100		
64	58.1	47.9	71.9
63	29.2	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 25.634 ng

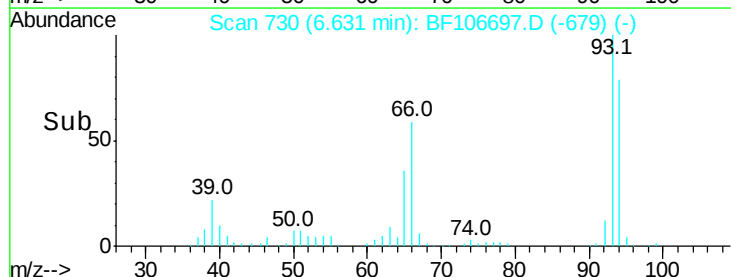
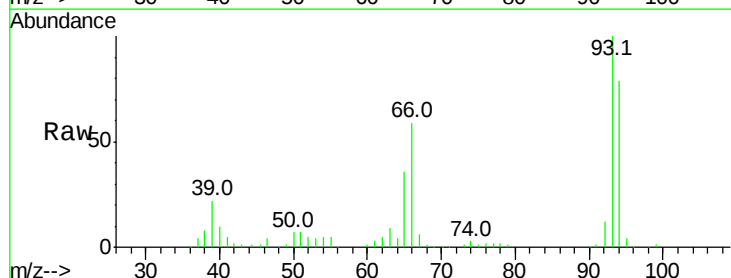
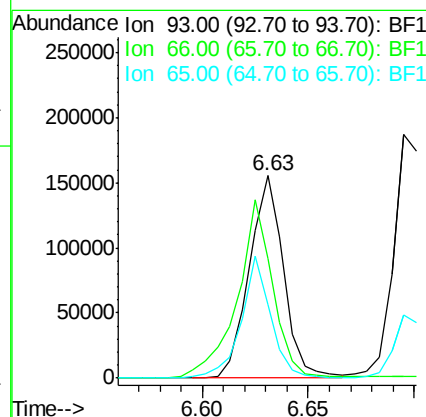
RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Tgt Ion:	93	Resp:	176049
Ion Ratio	Lower	Upper	
93	100		
66	58.7	32.2	48.2#
65	36.0	16.4	24.6#





#7

Phenol-d6

Concen: 113.411 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

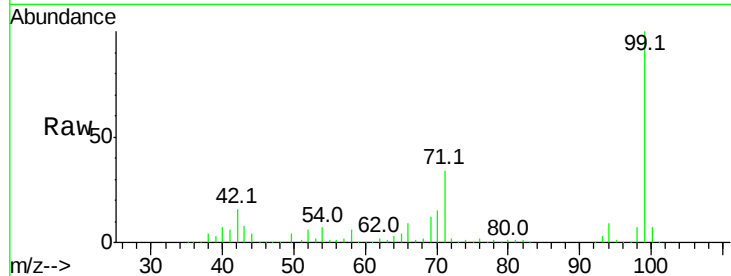
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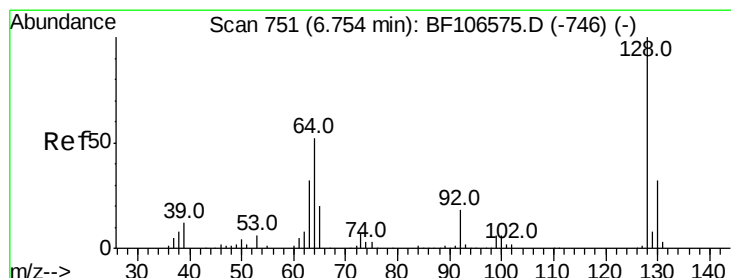
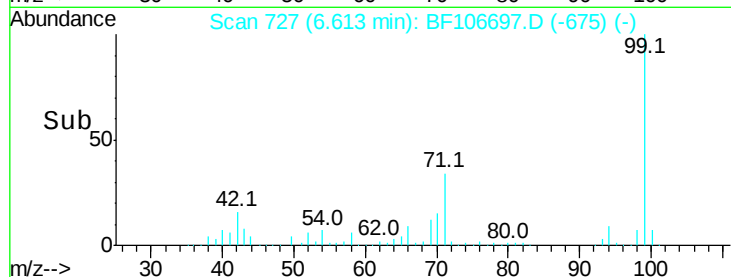
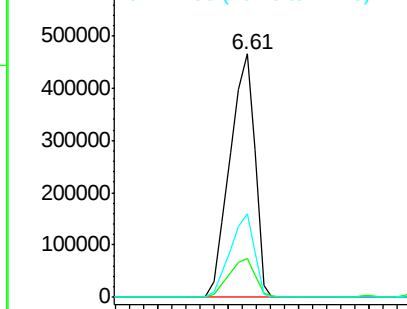
Tot Ion:	99	Resp:	574204
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.5	21.7
71	34.3	25.4	38.0

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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: 38.038 ng

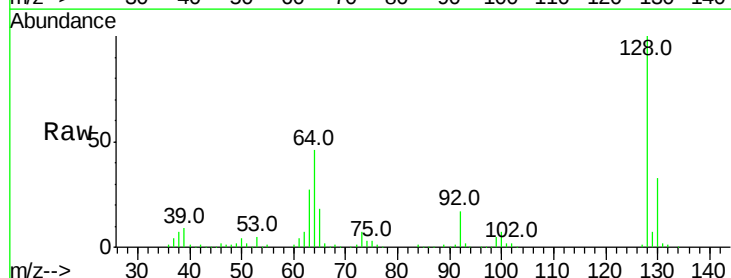
RT: 6.76 min Scan# 752

Delta R.T. 0.01 min

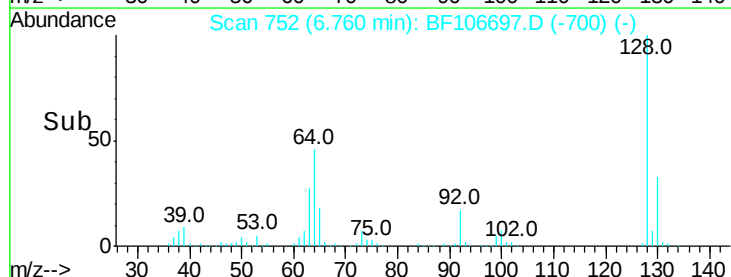
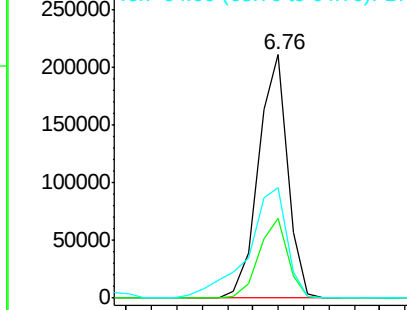
Lab File: BF106697.D

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Tgt Ion:	128	Resp:	169149
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.0	53.0
64	45.5	29.4	69.4



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





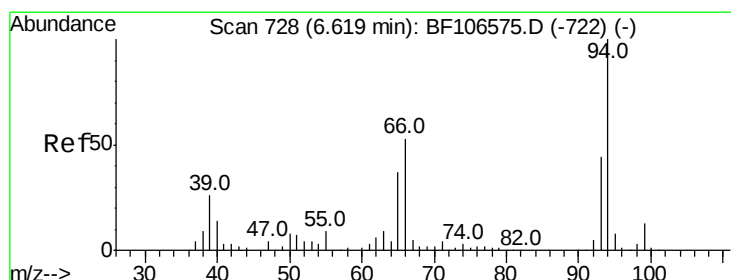
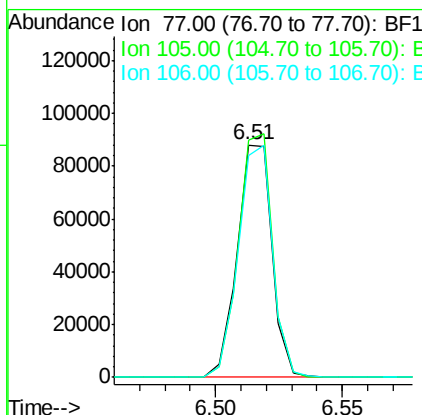
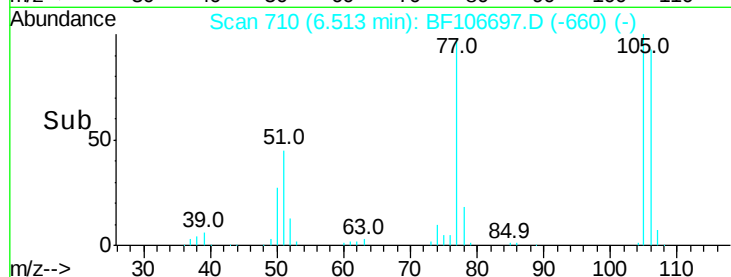
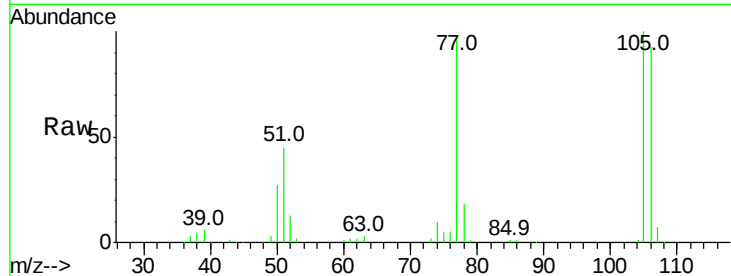
#9
Benzaldehyde
Concen: 21.346 ng
RT: 6.51 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.8	81.1	121.1
106	95.2	74.5	114.5

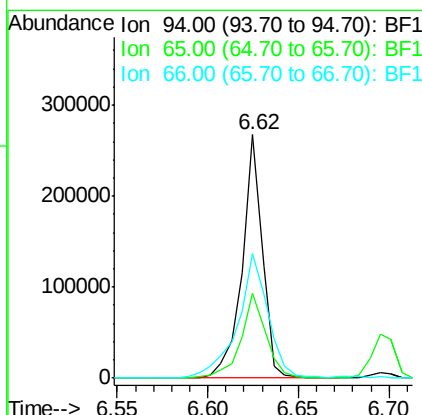
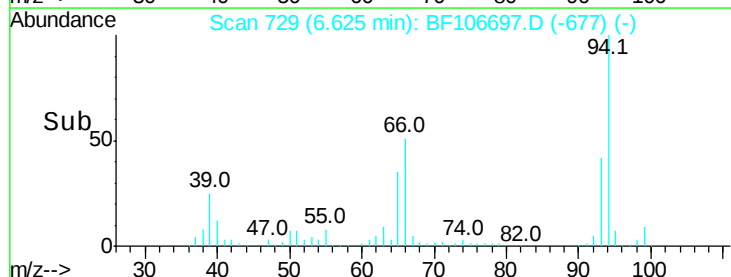
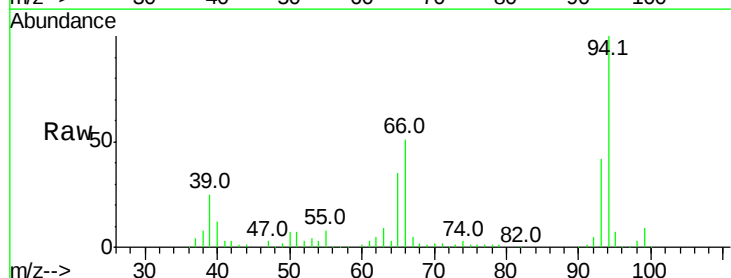
Manual Integrations
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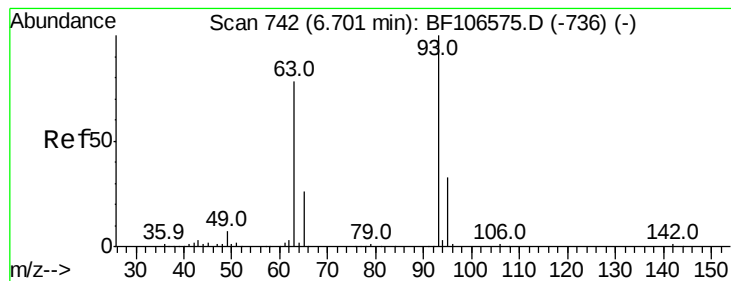
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#10
Phenol
Concen: 35.790 ng
RT: 6.62 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.0	7.9	47.9
66	51.0	16.2	56.2





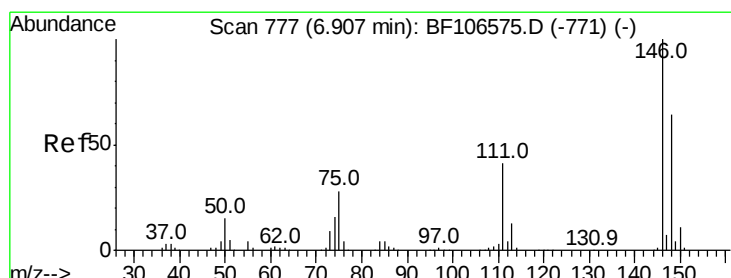
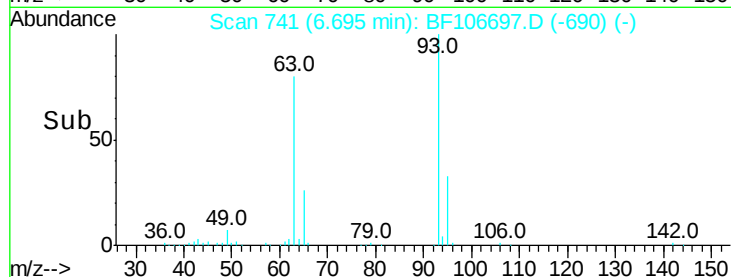
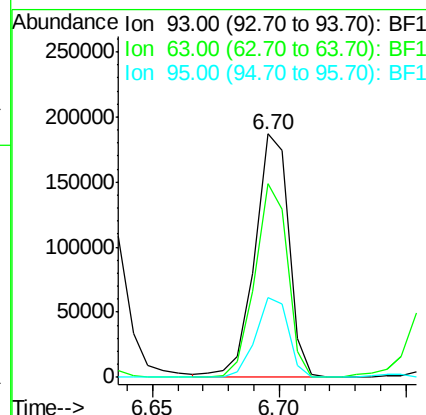
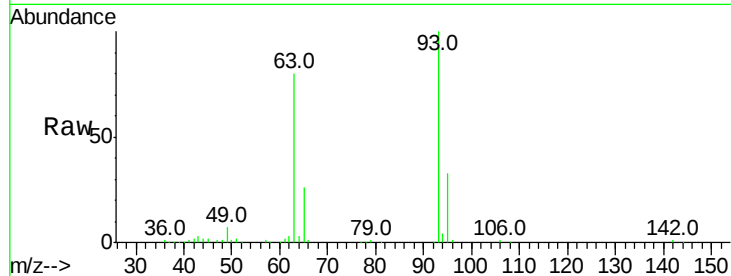
#11
bis(2-Chloroethyl)ether
Concen: 36.964 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.5	58.6	98.6
95	32.8	11.8	51.8

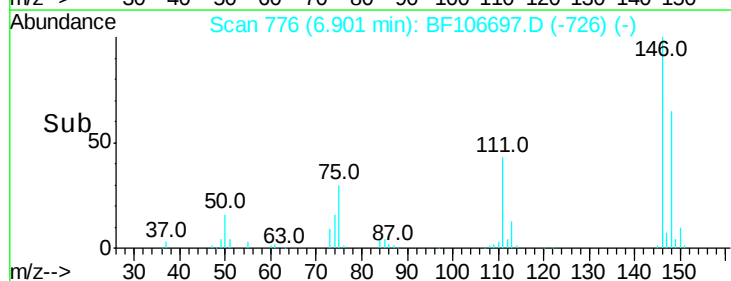
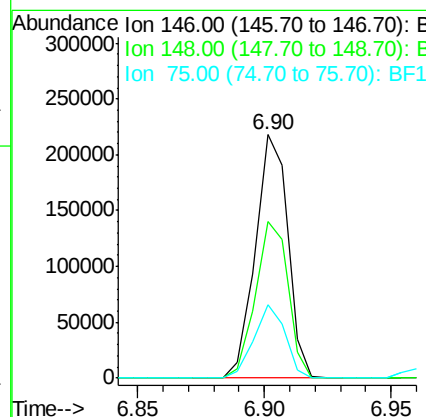
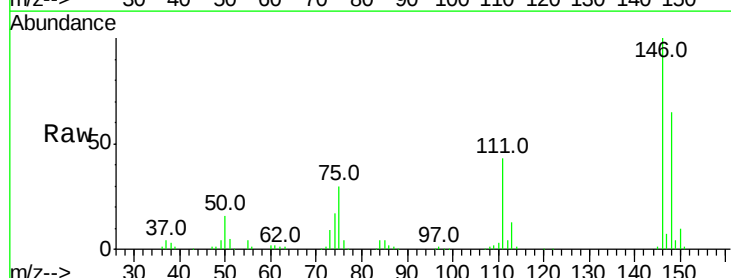
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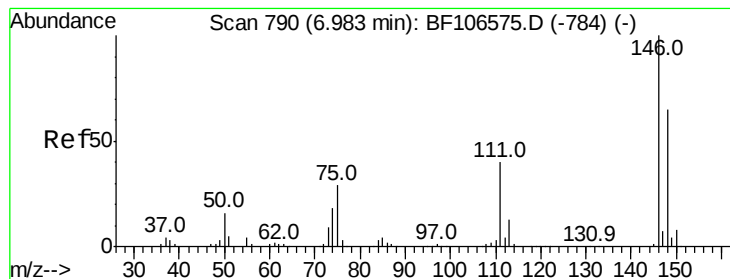
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.502 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	30.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.159 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

PB110463BS

Tot Ion:146 Resp: 195662

Ion Ratio Lower Upper

146 100

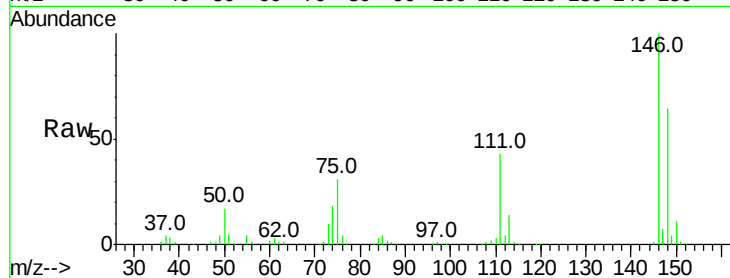
148 63.7 50.8 76.2

111 42.5 34.2 51.2

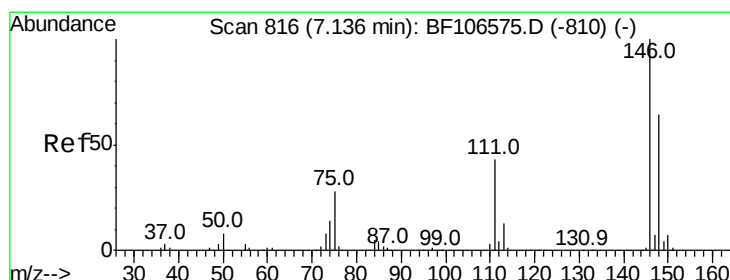
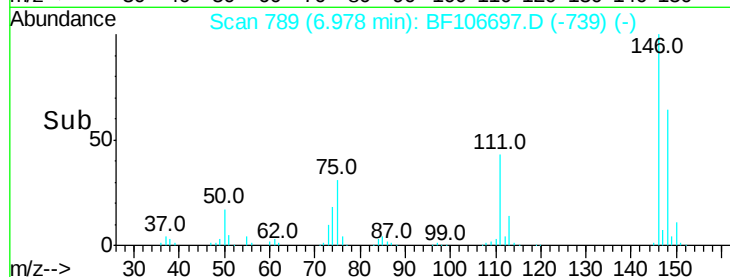
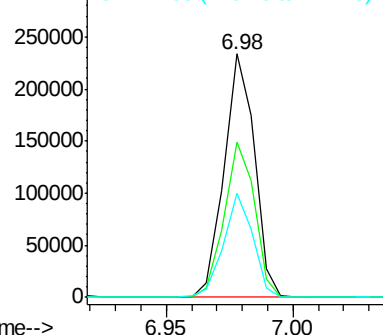
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.993 ng

RT: 7.13 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

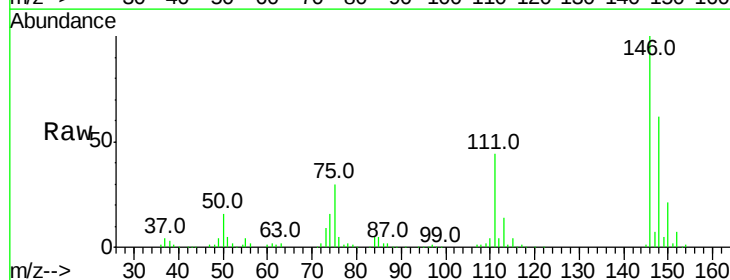
Tgt Ion:146 Resp: 183341

Ion Ratio Lower Upper

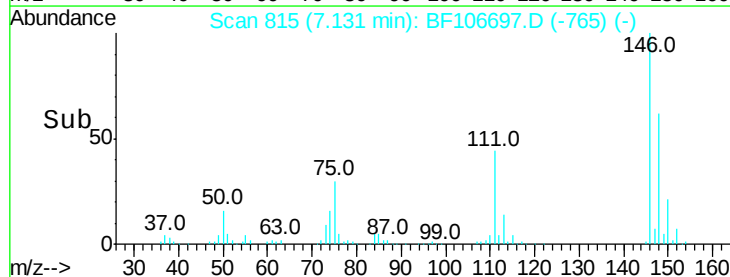
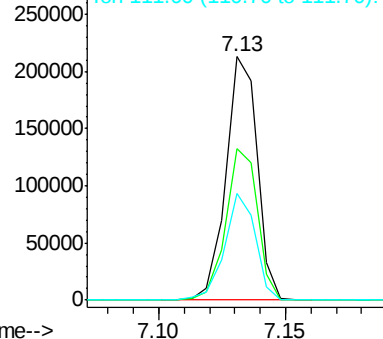
146 100

148 62.4 50.6 75.8

111 43.6 36.0 54.0



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





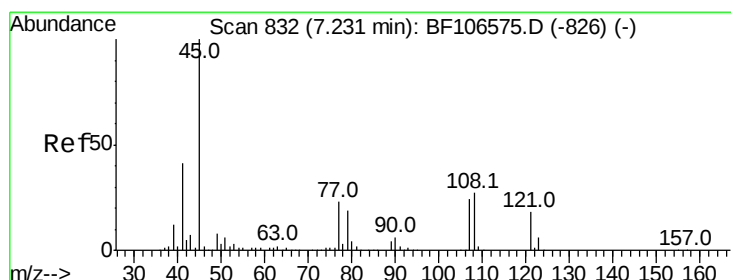
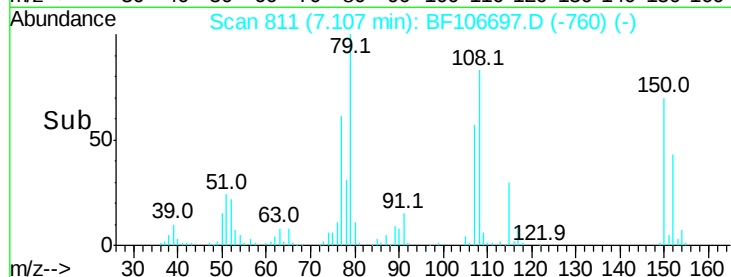
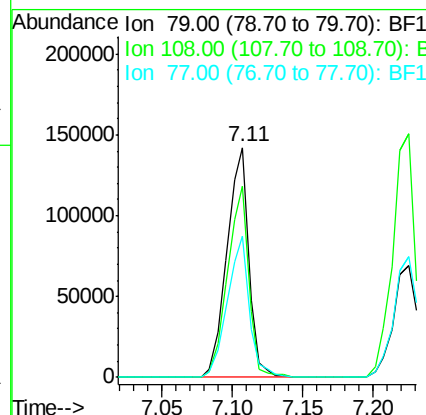
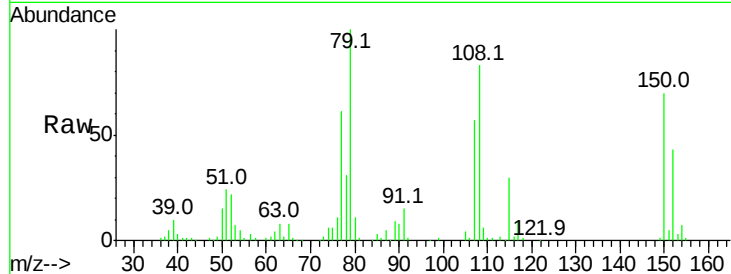
#15
Benzyl Alcohol
Concen: 37.803 ng
RT: 7.11 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.1	65.1	97.7
77	61.3	50.6	75.8

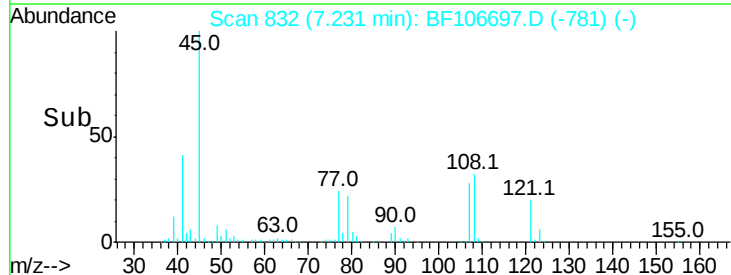
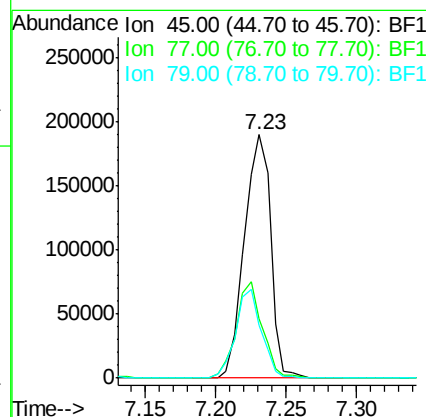
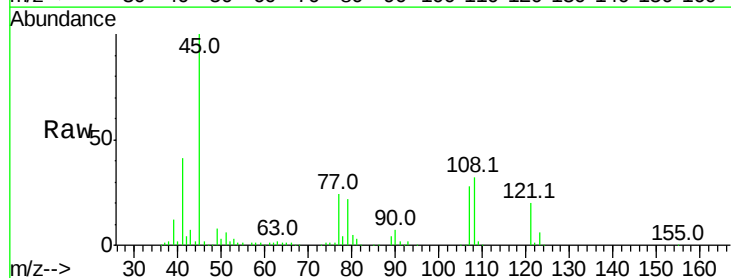
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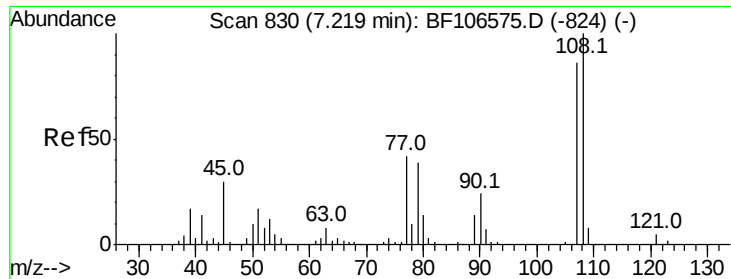
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.564 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.3	0.0	32.9
79	21.8	0.0	29.6





#17

2-Methylphenol

Concen: 38.708 ng

RT: 7.22 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampled :

PB110463BS

Tot Ion:107 Resp: 147300
Ion Ratio Lower Upper

107 100

108 115.3 91.7 137.5

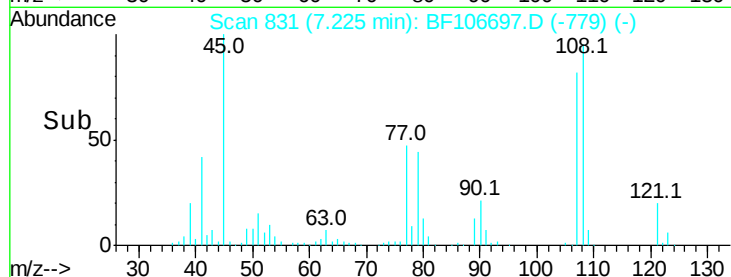
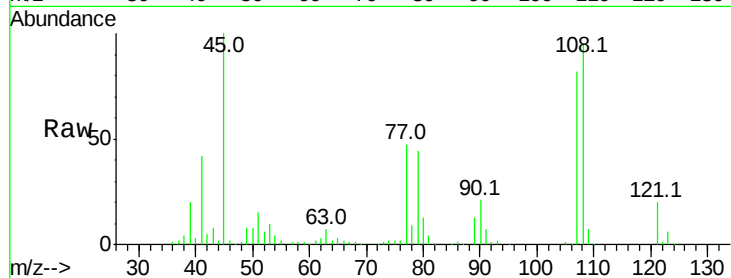
77 57.1 33.8 50.8#

79 52.9 33.8 50.8#

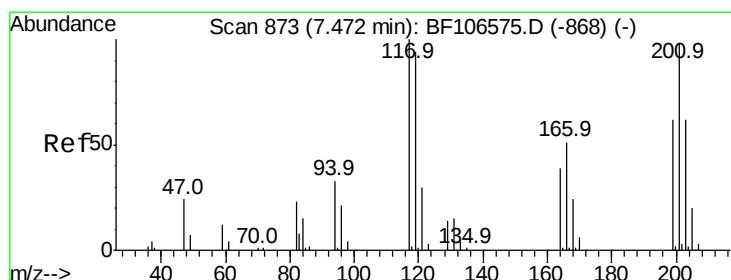
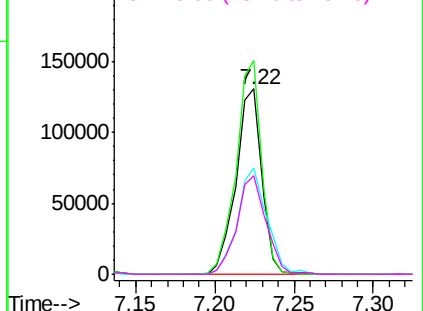
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.614 ng

RT: 7.47 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF106697.D

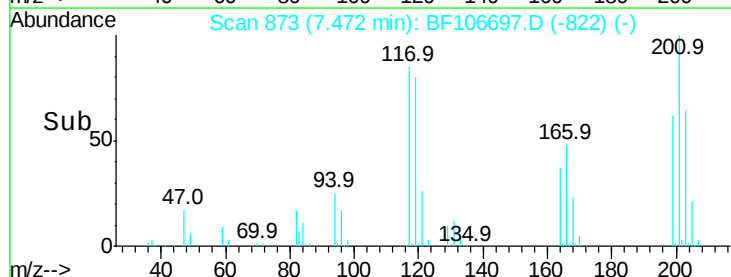
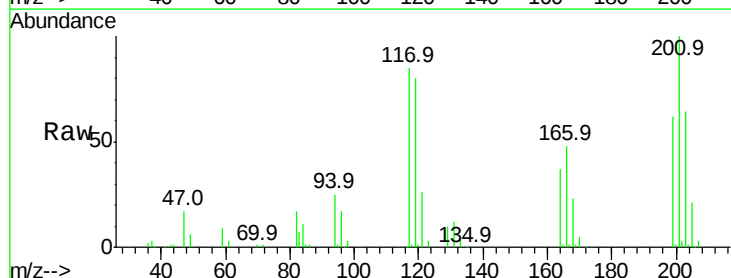
Acq: 22 Jun 2018 9:59

Tgt Ion:117 Resp: 69649
Ion Ratio Lower Upper

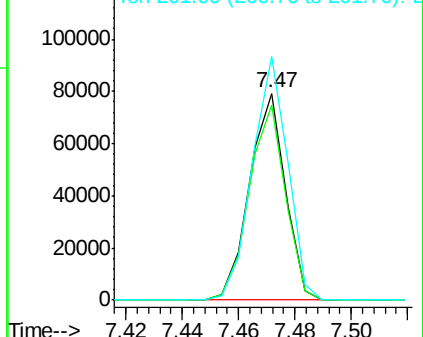
117 100

119 94.4 75.8 113.8

201 117.7 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





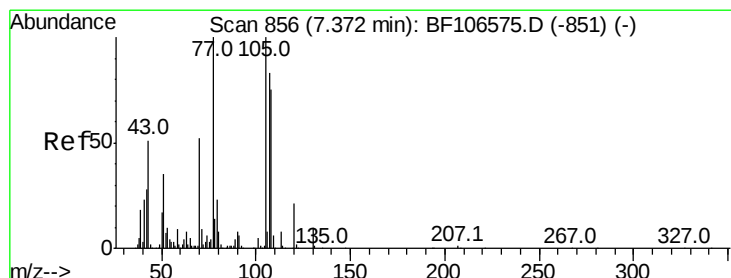
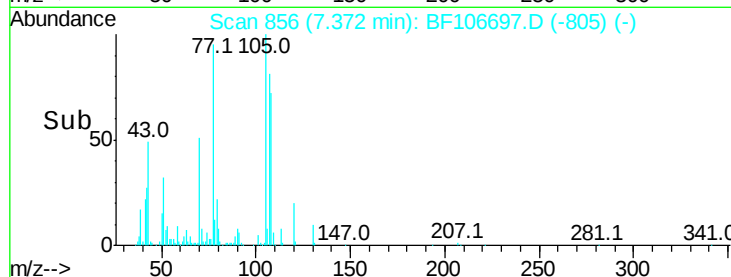
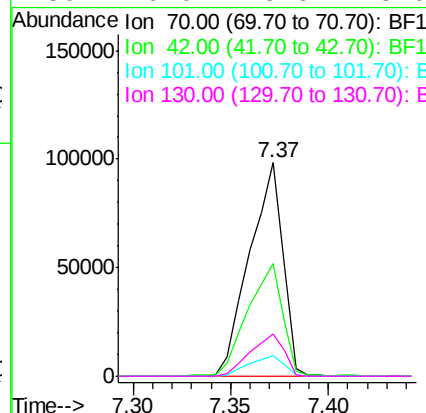
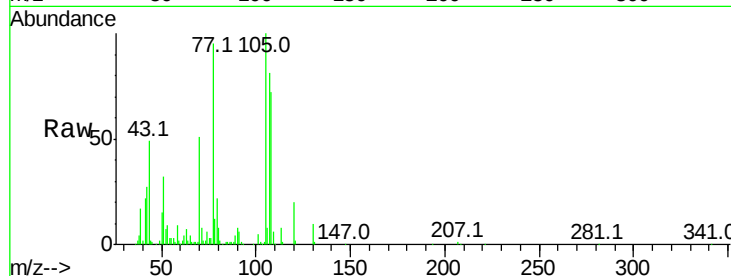
#19
n-Nitroso-di-n-propylamine
Concen: 35.039 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.5	47.5	71.3
101	9.9	7.4	11.2
130	20.0	16.6	25.0

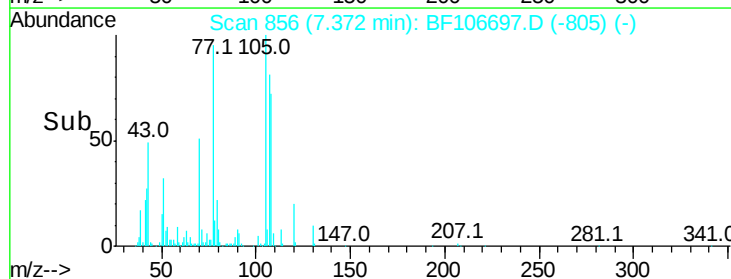
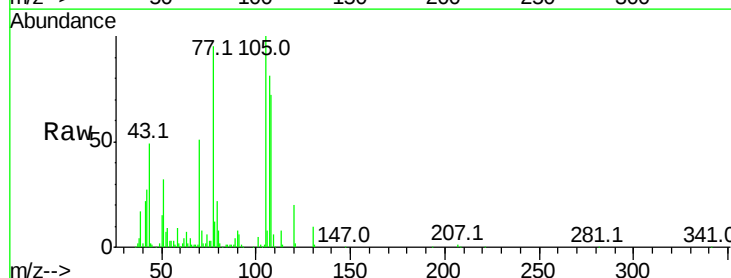
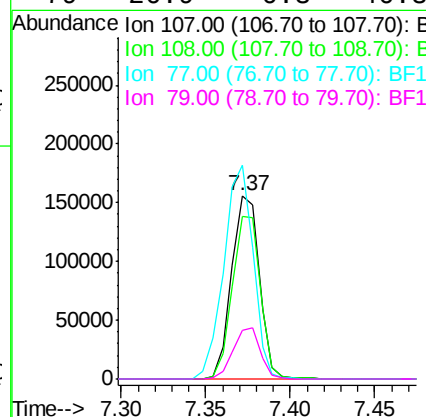
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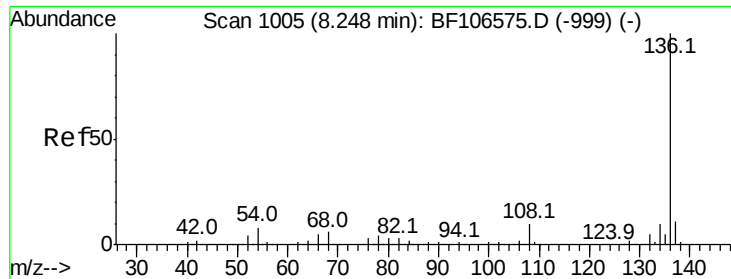
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#20
3+4-Methylphenols
Concen: 42.899 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.2	108.2
77	116.6	26.7	66.7#
79	26.9	6.3	46.3





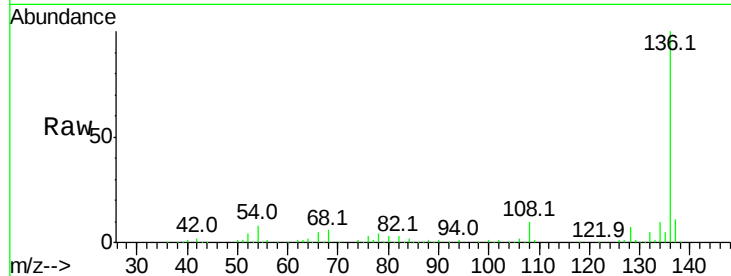
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

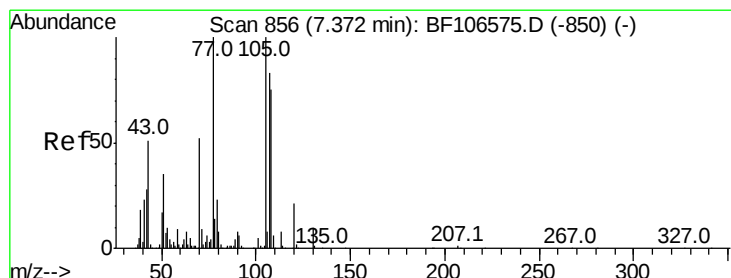
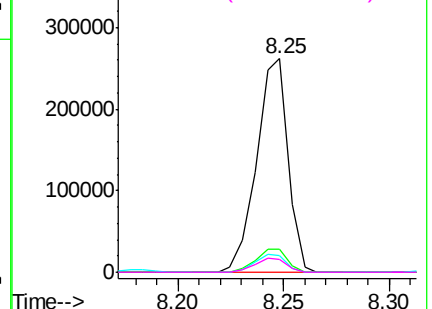
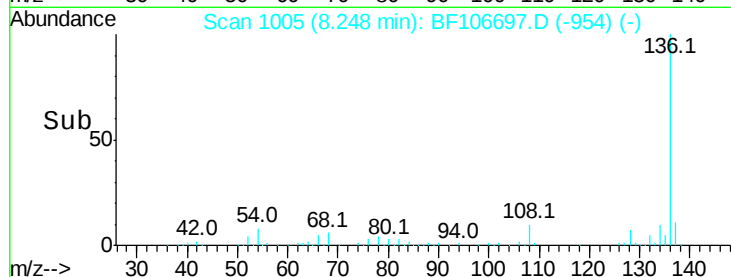
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.8	6.6	9.8
68	6.0	5.0	7.4

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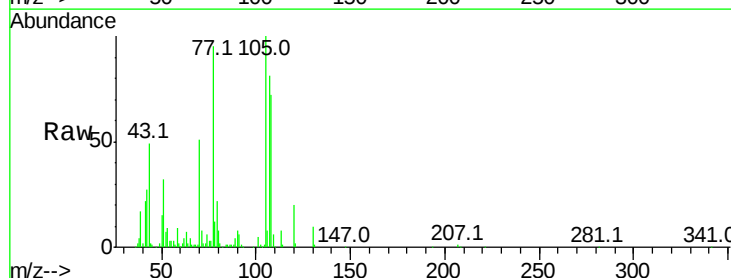


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

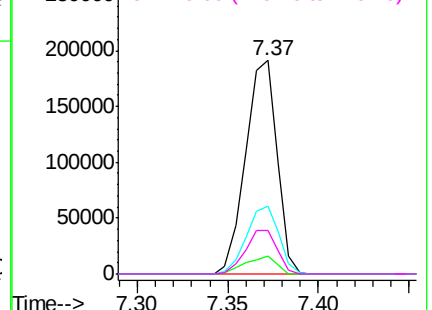
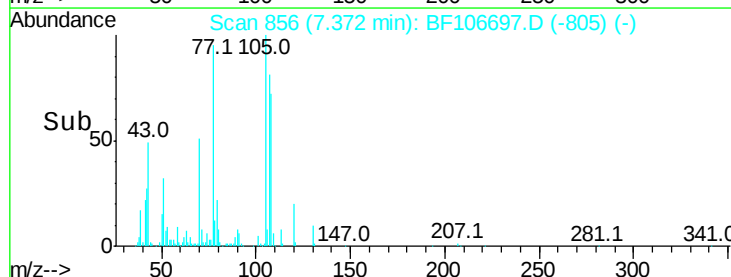


#22
Acetophenone
Concen: 37.904 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.4	4.4	6.6#
51	32.0	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





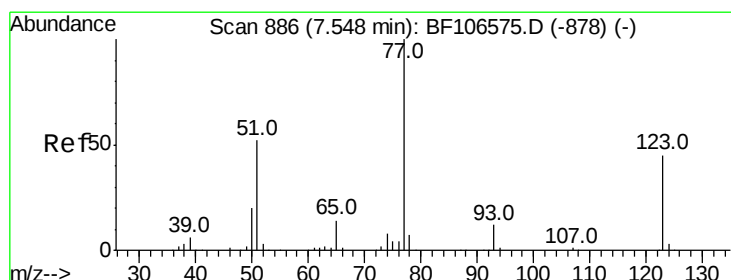
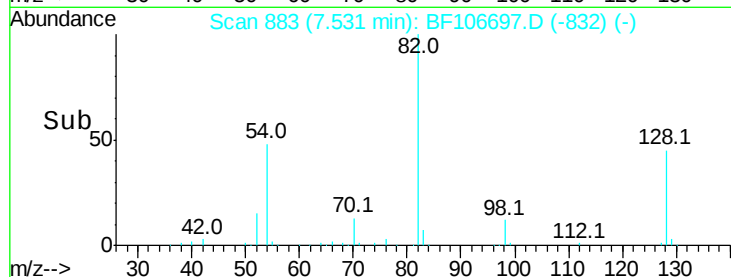
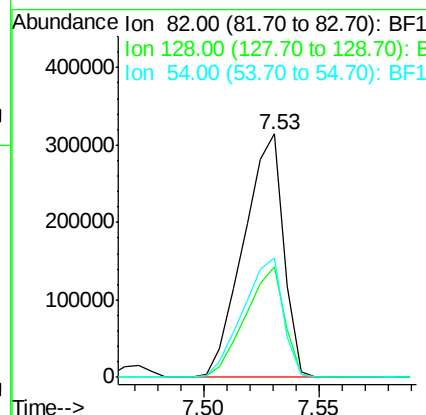
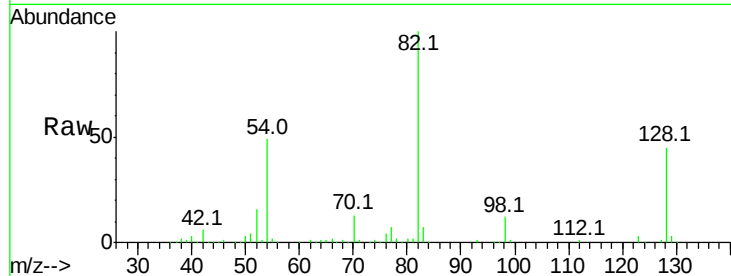
#23
 Nitrobenzene-d5
 Concen: 77.931 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110463BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.3	36.1	54.1	
54	48.9	41.4	62.2	

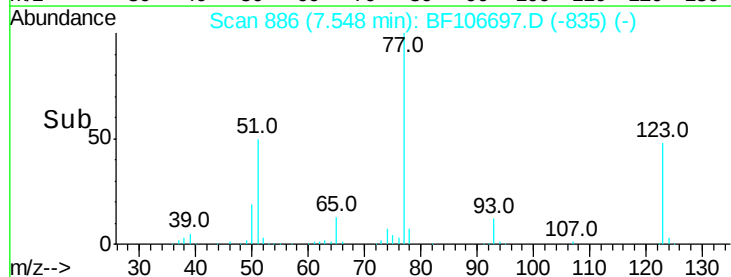
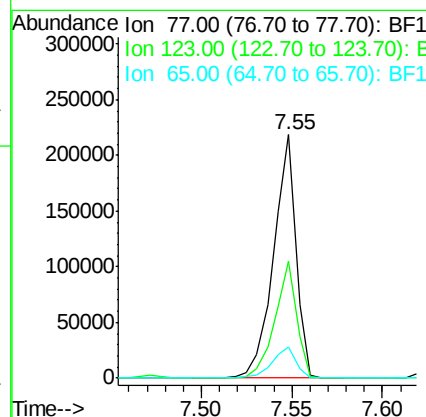
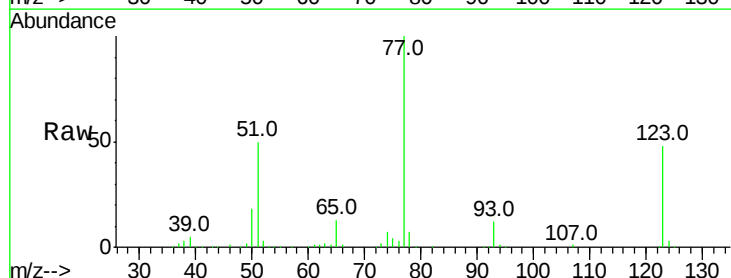
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#24
 Nitrobenzene
 Concen: 37.723 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.9	37.9	56.9	
65	13.0	11.0	16.4	





#25

Isophorone

Concen: 40.704 ng

RT: 7.78 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

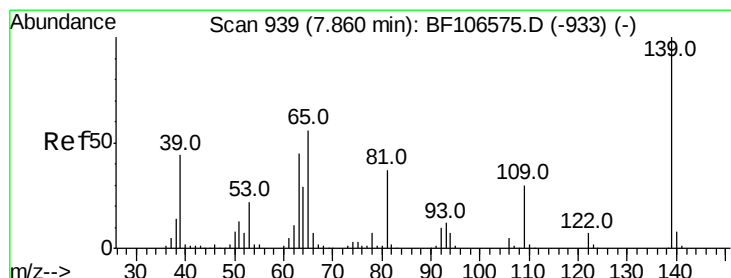
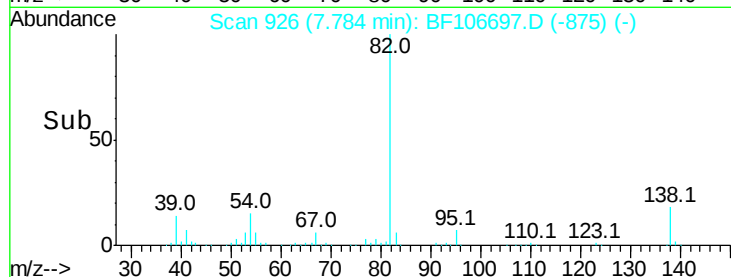
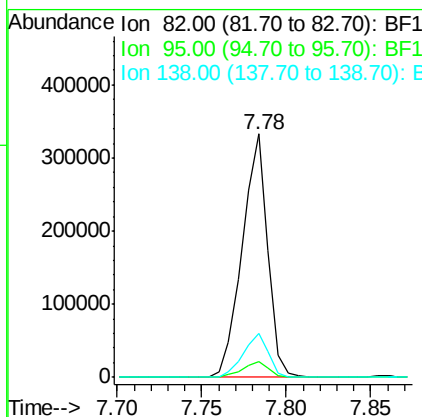
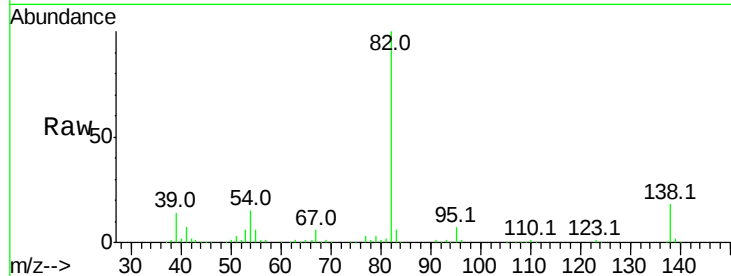
ClientSampleId :

PB110463BS

Tot Ion:	82	Resp:	350138
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.1	14.9	22.3

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#26

2-Nitrophenol

Concen: 41.930 ng

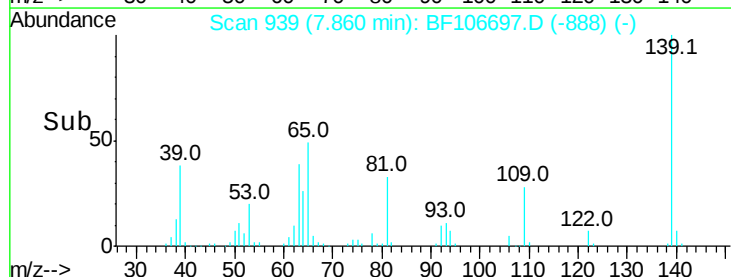
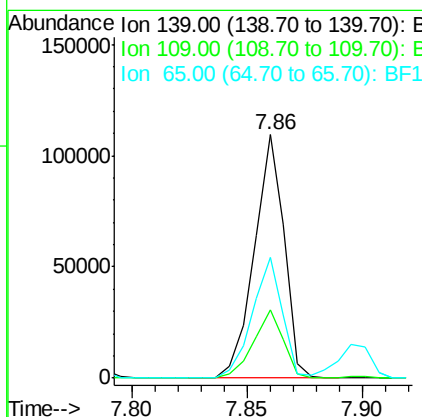
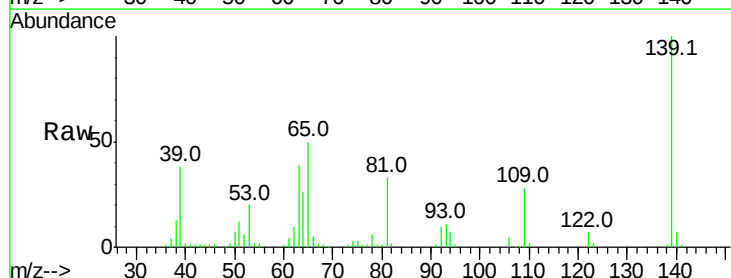
RT: 7.86 min Scan# 939

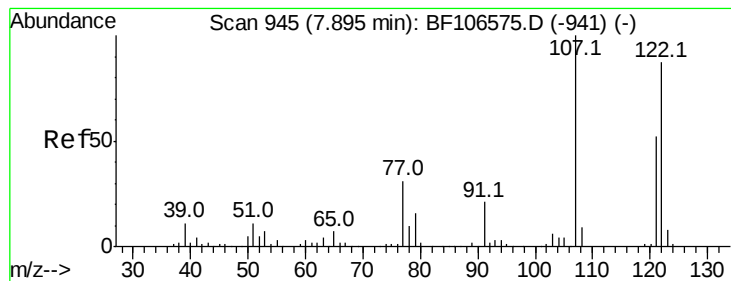
Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Tgt Ion:	139	Resp:	98650
Ion Ratio		Lower	Upper
139	100		
109	28.1	22.7	34.1
65	49.6	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 44.503 ng

RT: 7.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

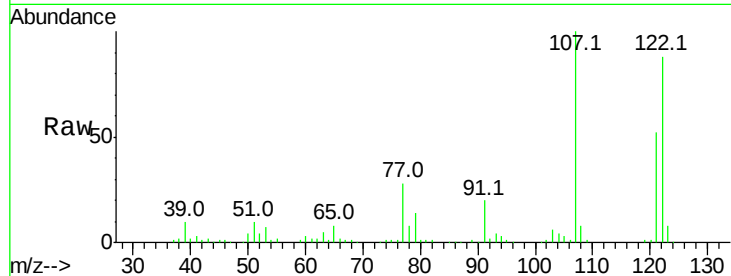
ClientSampleId :

PB110463BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	161836		
107	113.2	91.2	136.8	
121	59.4	47.2	70.8	

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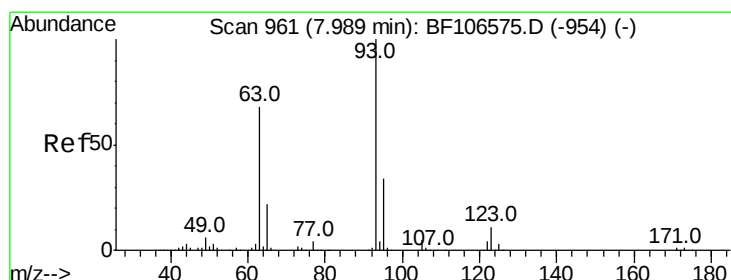
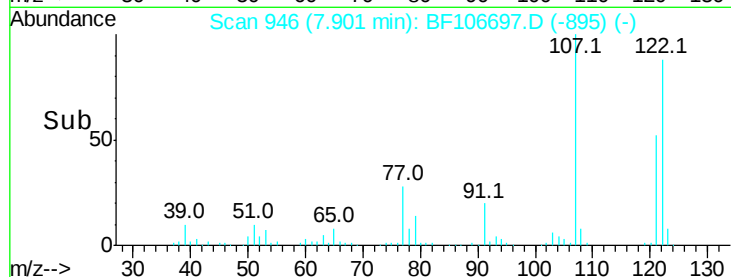
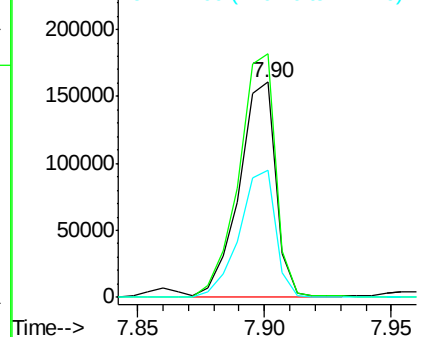


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.528 ng

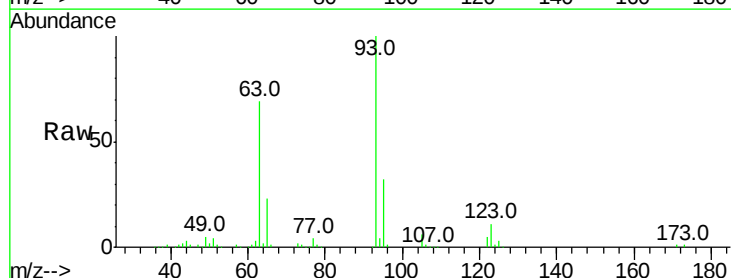
RT: 7.98 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	222525		
95	32.5	26.3	39.5	
123	11.0	9.8	14.6	

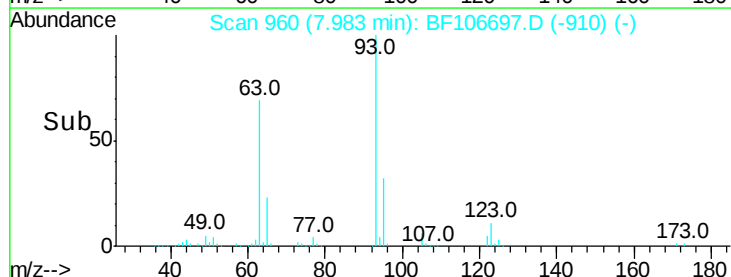
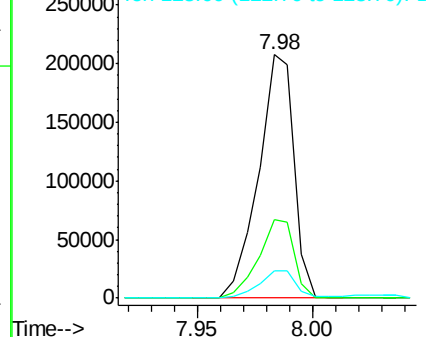


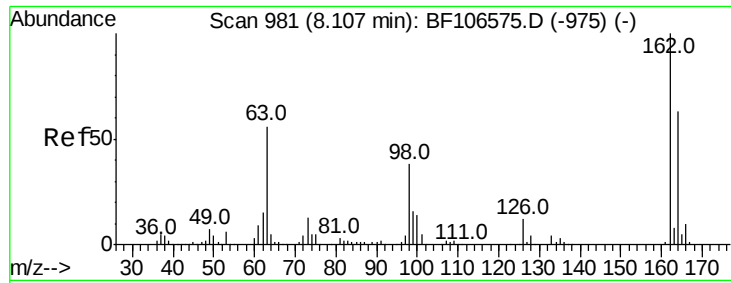
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





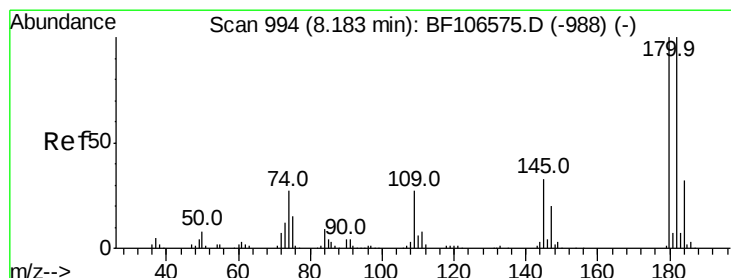
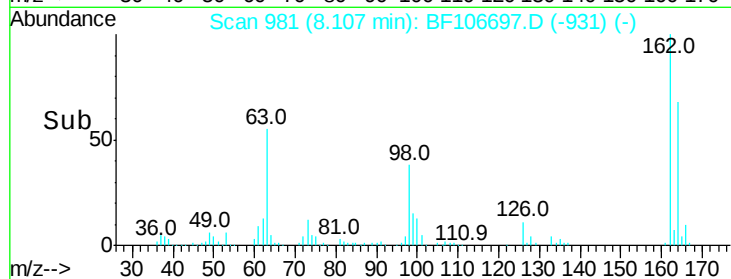
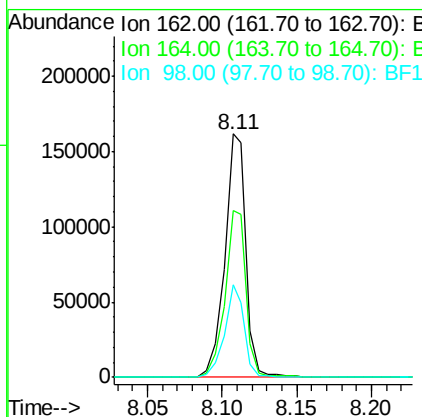
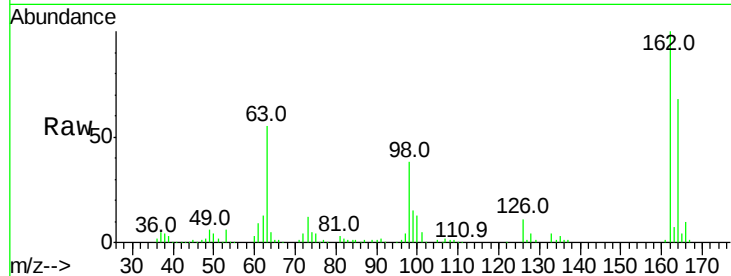
#29
 2,4-Dichlorophenol
 Concen: 42.627 ng
 RT: 8.11 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110463BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.4	42.7	82.7
98	37.9	18.1	58.1

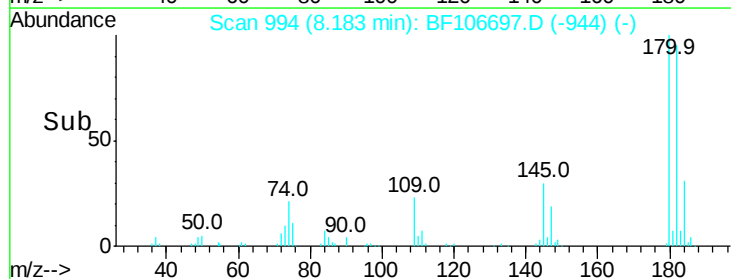
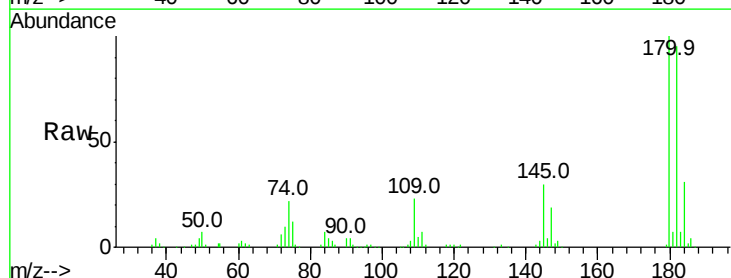
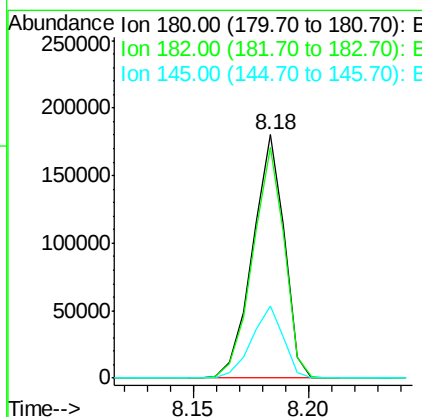
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.104 ng
 RT: 8.18 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.7	76.8	115.2
145	29.7	26.5	39.7





#31

Naphthalene

Concen: 39.439 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

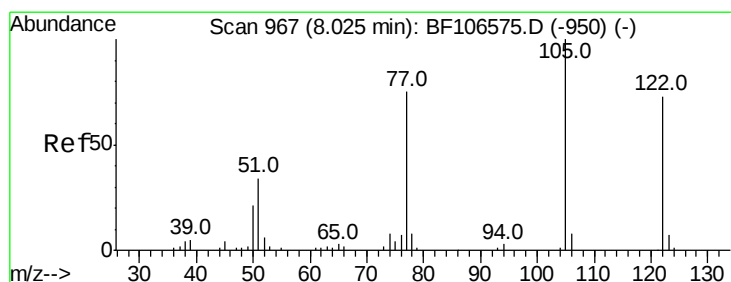
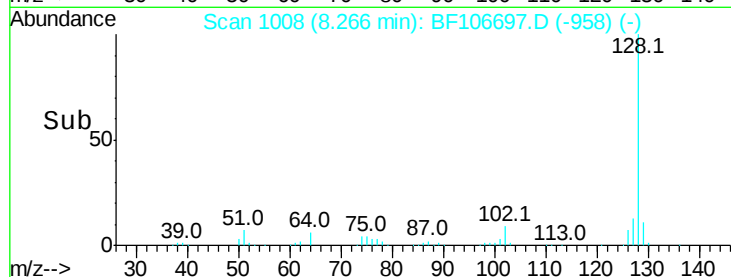
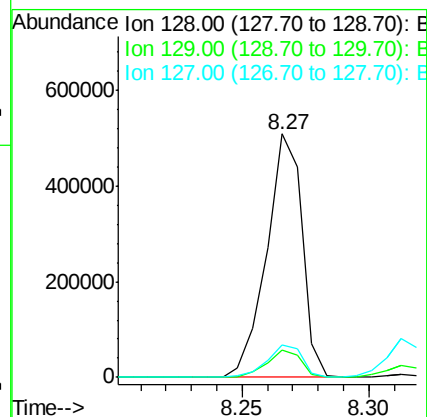
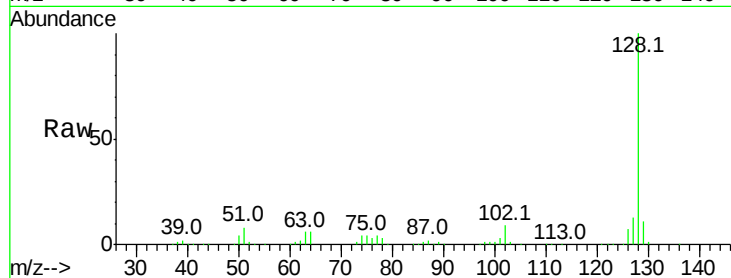
ClientSampleId :

PB110463BS

Tot Ion:	128	Resp:	500218
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.1	10.9	16.3

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#32

Benzoic acid

Concen: 38.379 ng m

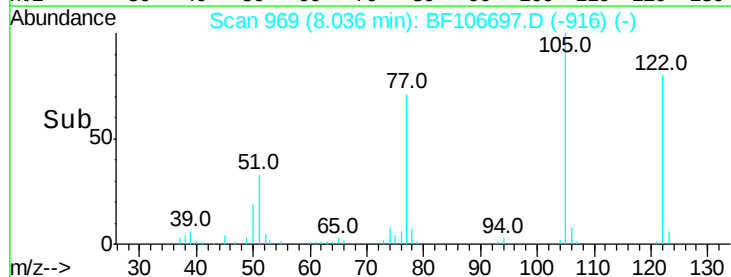
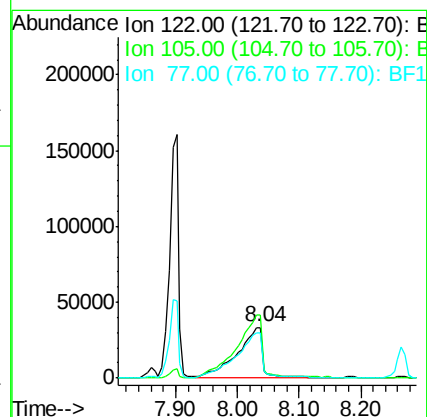
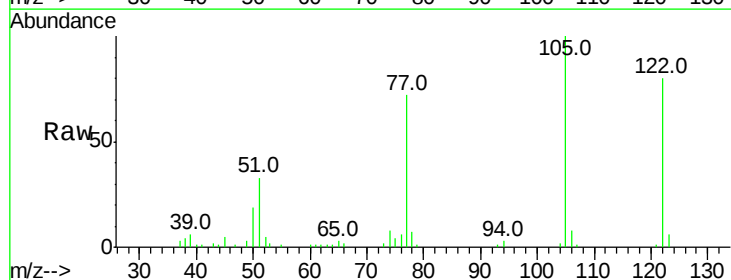
RT: 8.04 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Tgt Ion:	122	Resp:	98068
Ion Ratio	Lower	Upper	
122	100		
105	125.2	101.1	141.1
77	89.5	70.7	110.7





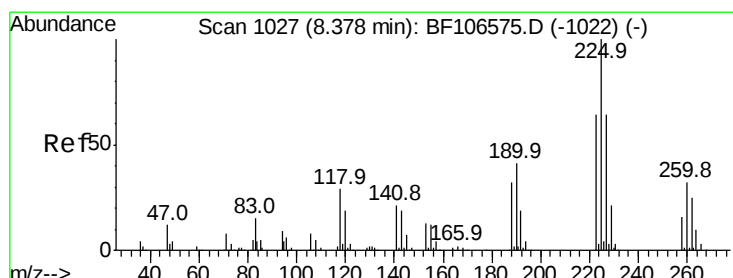
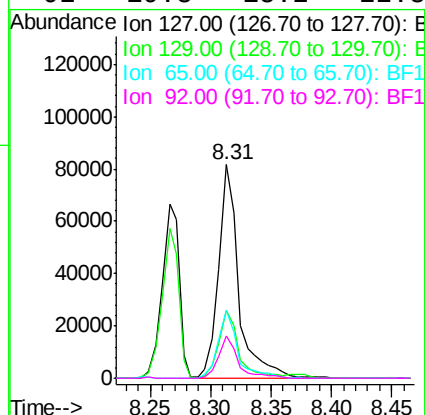
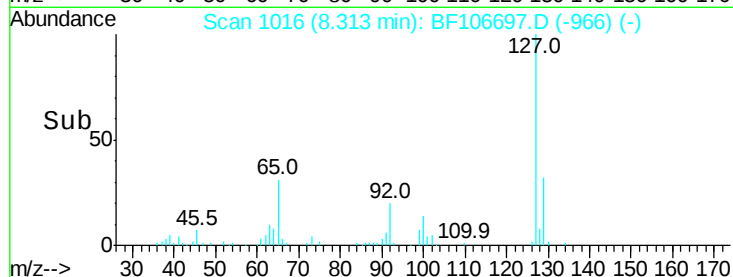
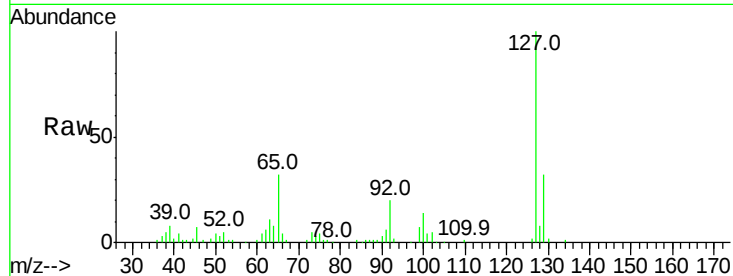
#33
4-Chloroaniline
Concen: 17.717 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.9	38.9		
65	32.0	25.0	37.4		
92	19.8	15.2	22.8		

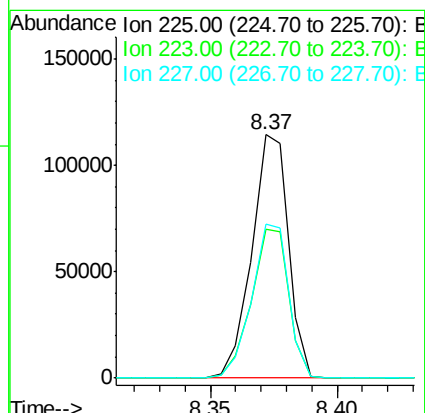
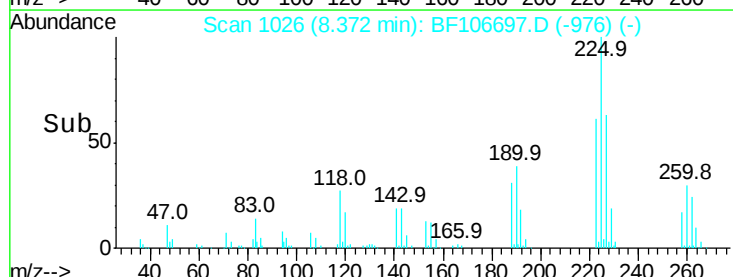
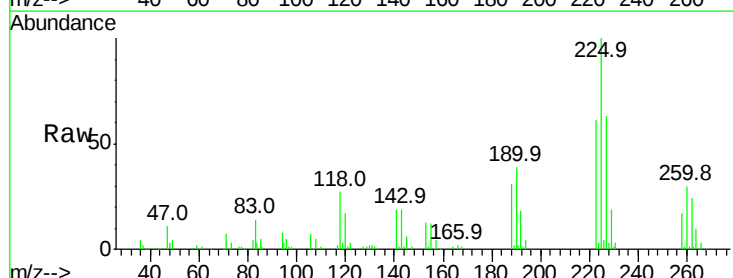
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#34
Hexachlorobutadiene
Concen: 41.975 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	50.6	76.0		
227	63.1	51.9	77.9		





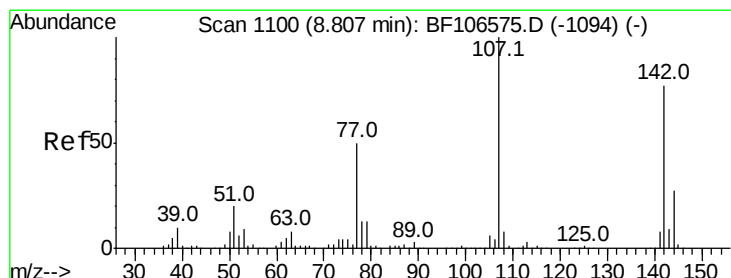
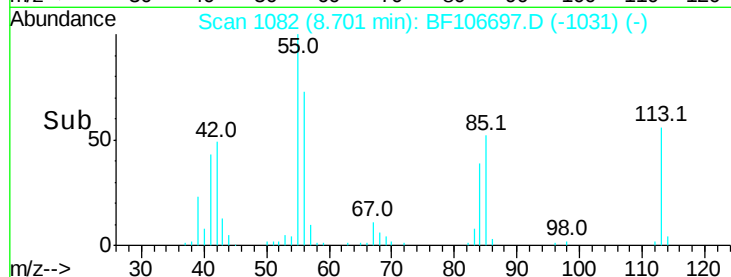
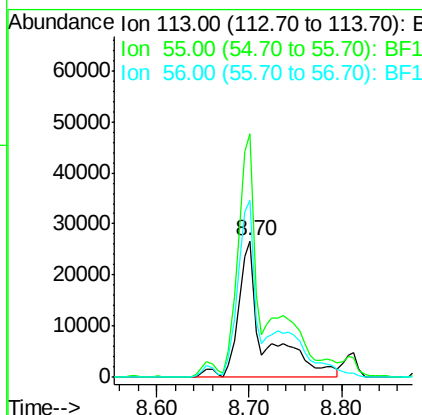
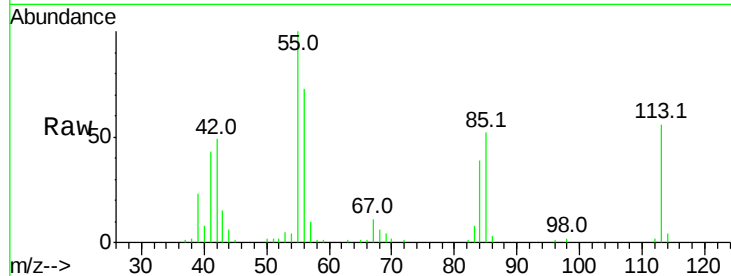
#35
 Caprolactam
 Concen: 42.743 ng/ml
 RT: 8.70 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Instrument :
 BNA_F
 ClientSampleID :
 PB110463BS

Tot Ion:113 Resp: 53046
 Ion Ratio Lower Upper
 113 100
 55 178.6 163.3 203.3
 56 130.0 115.7 155.7

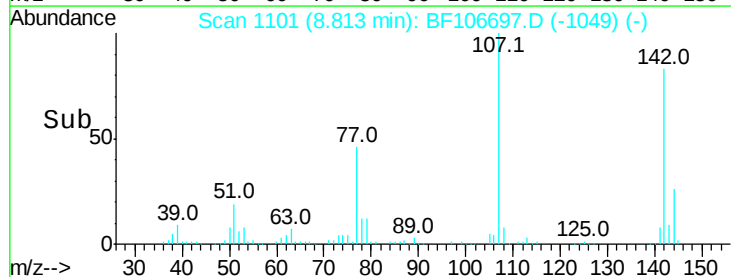
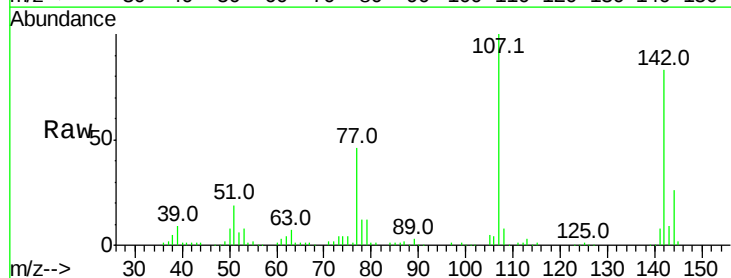
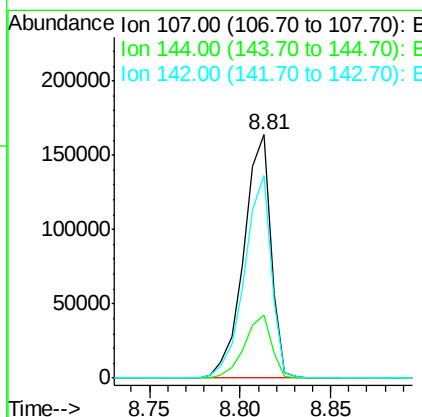
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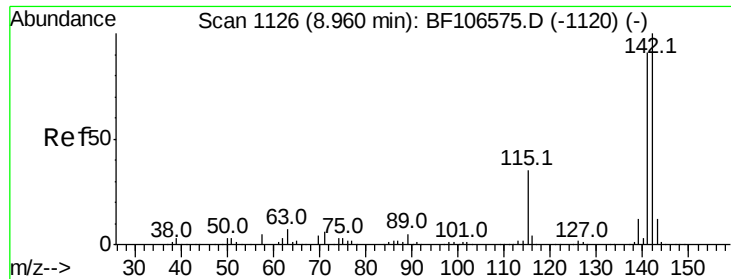
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#36
 4-Chloro-3-methylphenol
 Concen: 42.656 ng/ml
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion:107 Resp: 170938
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 83.3 62.0 93.0





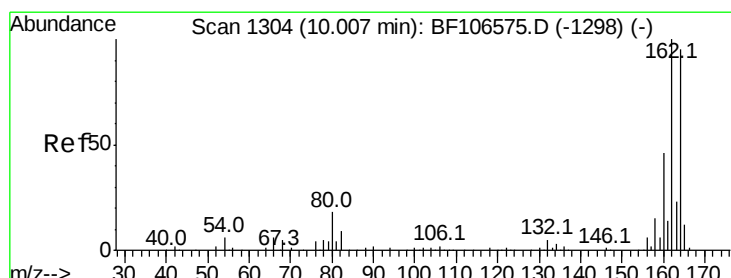
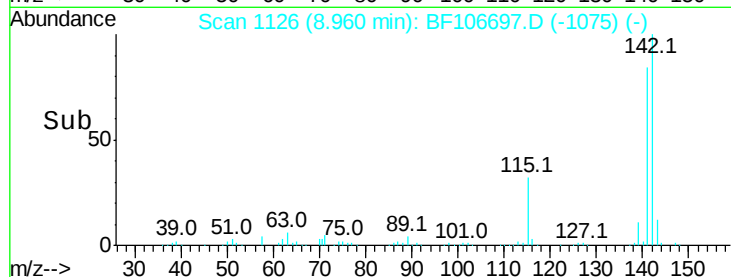
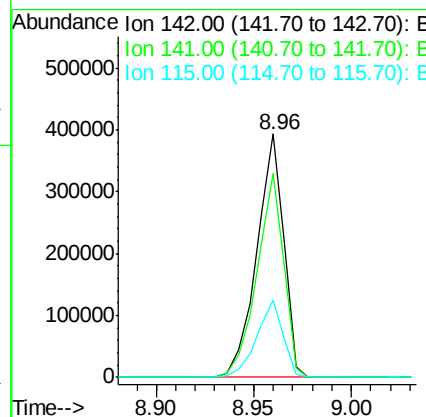
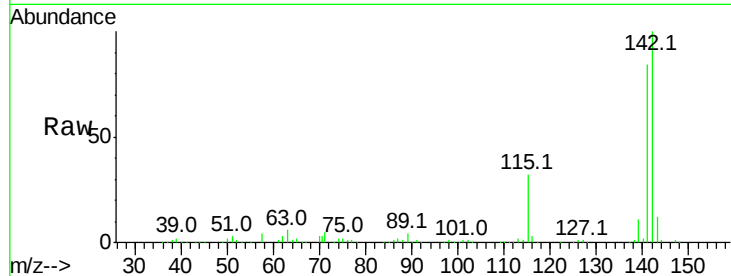
#37
2-Methylnaphthalene
Concen: 44.667 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	375514		
141	83.8	70.8	106.2	
115	31.5	26.1	39.1	

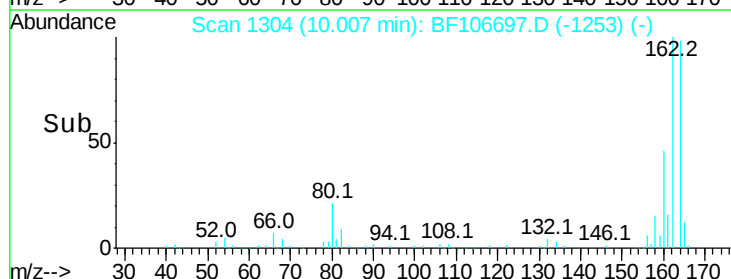
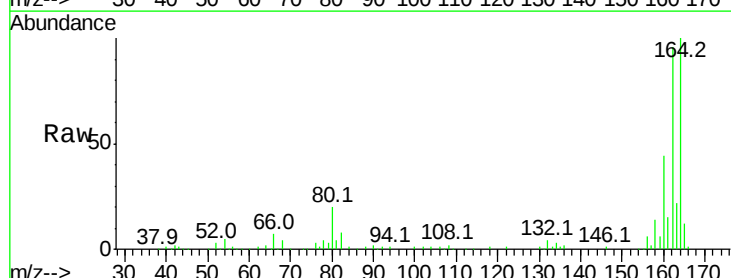
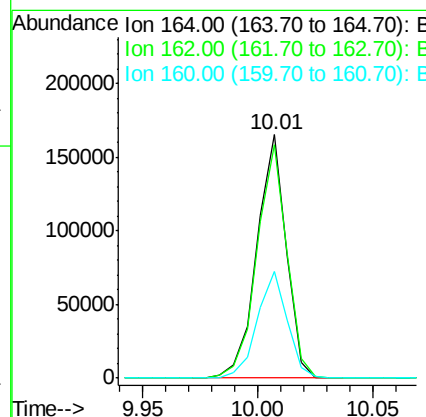
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	146677		
162	96.1	86.1	129.1	
160	43.6	38.3	57.5	





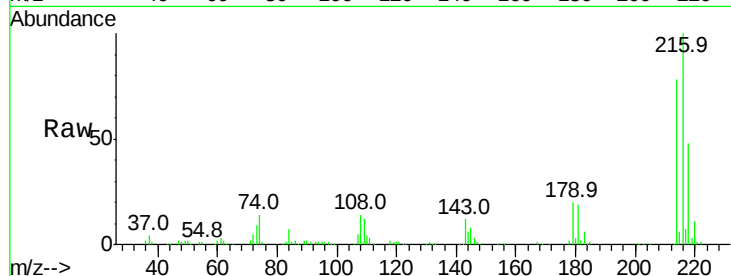
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.708 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110463BS

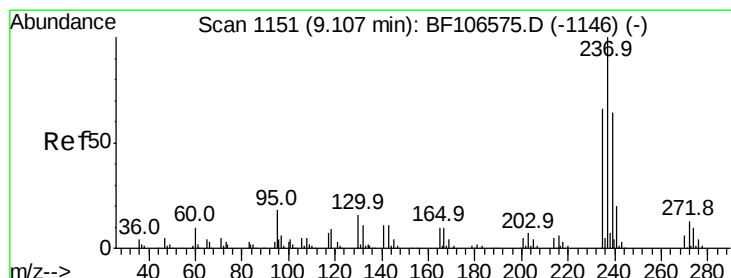
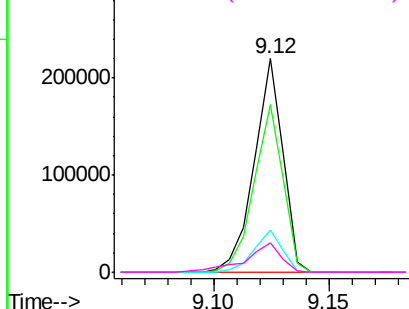
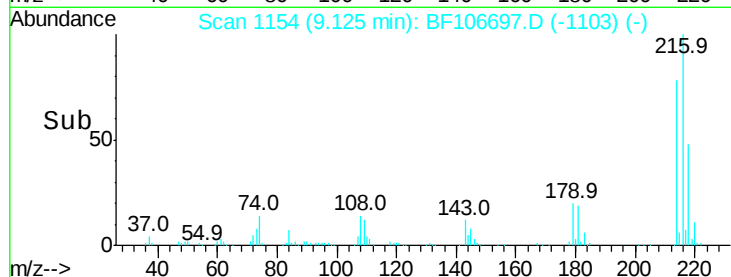
Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.6	63.0	94.4
179	19.9	18.1	27.1
108	17.1	17.2	25.8

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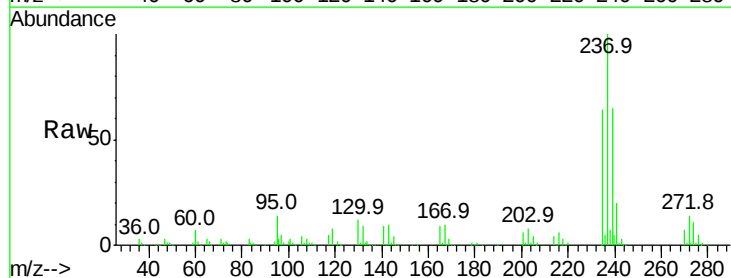


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

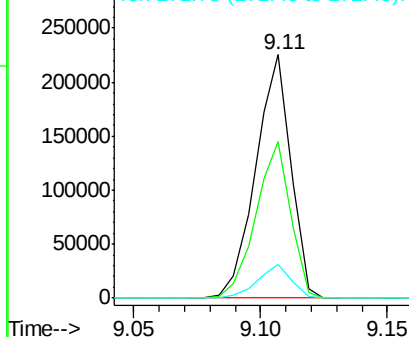
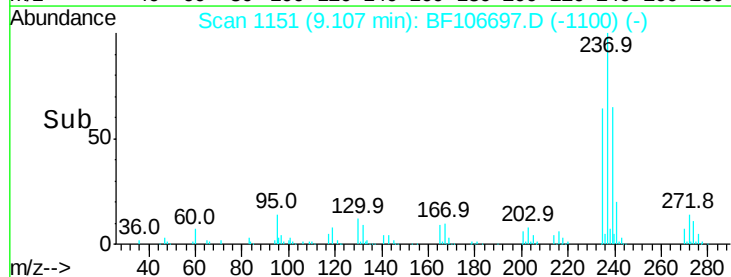


#40
 Hexachlorocyclopentadiene
 Concen: 84.860 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.4	44.8	84.8
272	13.8	0.0	33.3



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





#41

2,4,6-Tribromophenol

Concen: 129.618 ng

RT: 10.81 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

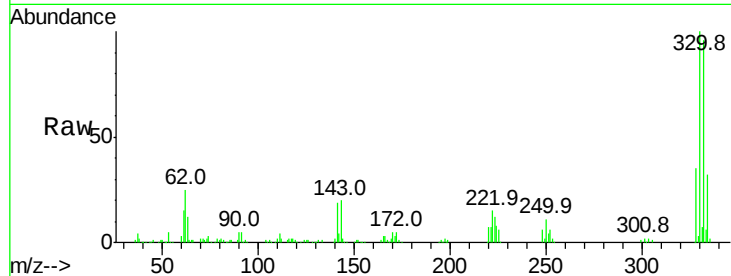
ClientSampleId :

PB110463BS

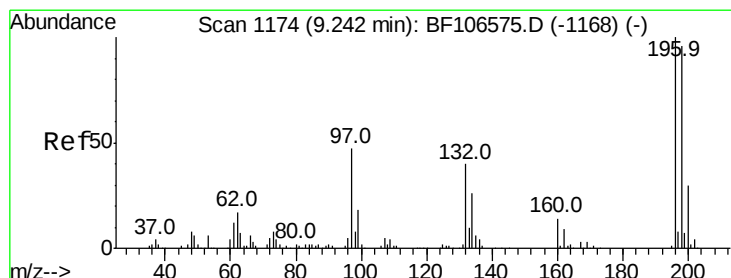
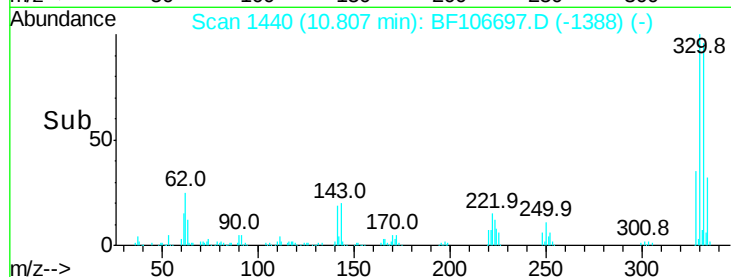
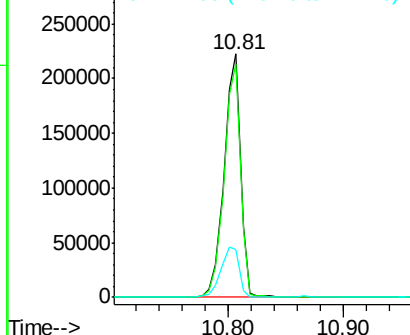
Tot Ion:	330	Resp:	220354
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.0	115.6
141	22.8	29.9	44.9#

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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: 37.699 ng

RT: 9.24 min Scan# 1174

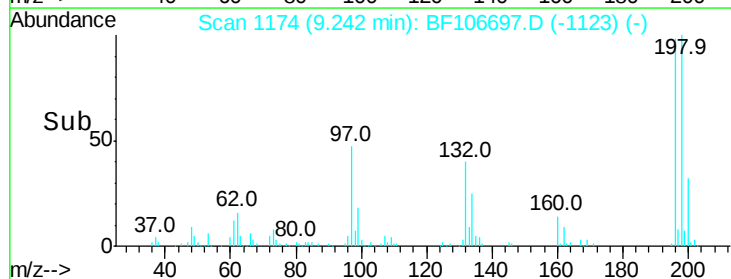
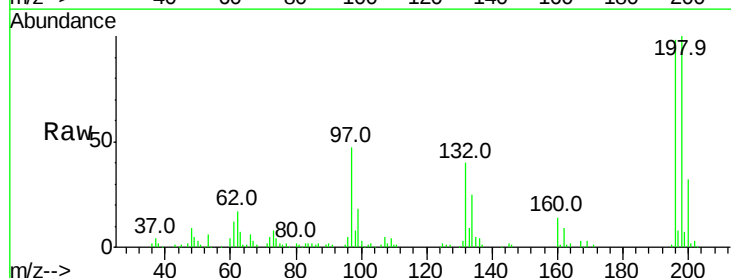
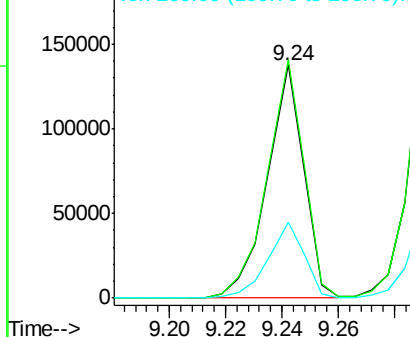
Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Tgt Ion:	196	Resp:	123783
Ion Ratio	Lower	Upper	
196	100		
198	102.1	75.7	113.5
200	32.8	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





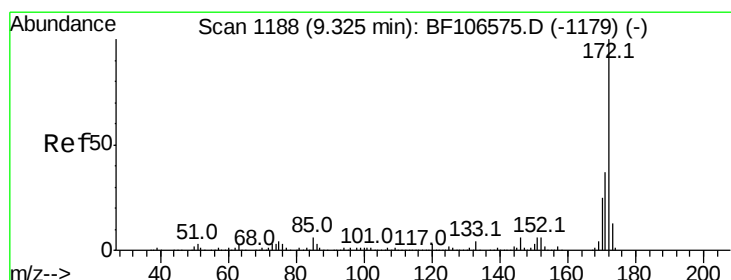
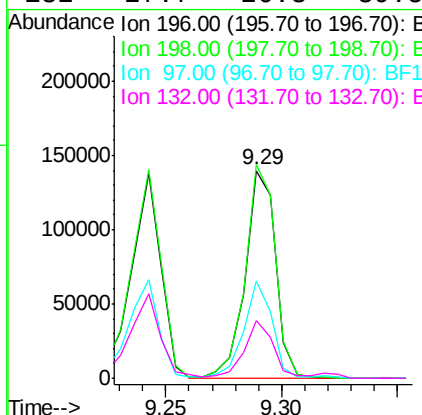
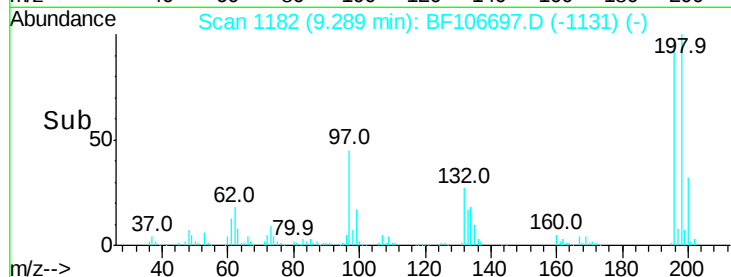
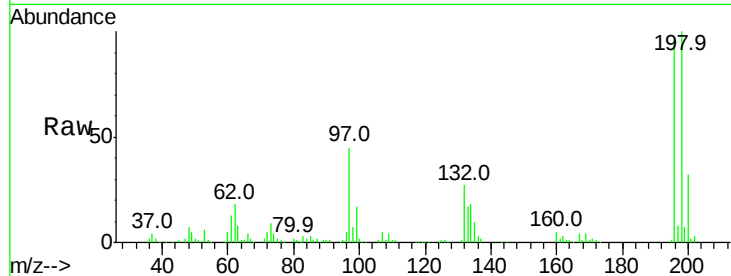
#43
 2,4,5-Trichlorophenol
 Concen: 37.504 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110463BS

Tot Ion	196	Resp	128495
Ion Ratio	Lower	Upper	
196	100		
198	103.0	74.6	112.0
97	46.8	42.9	64.3
132	27.7	26.3	39.5

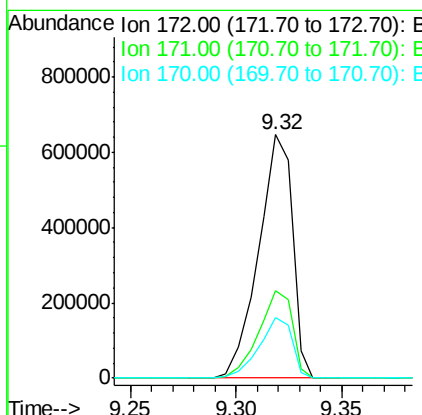
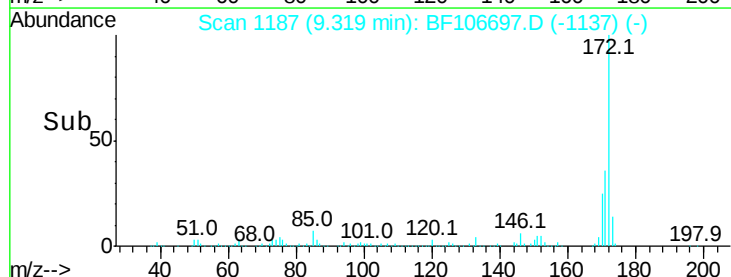
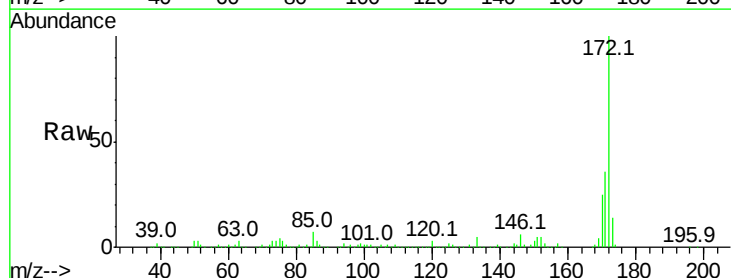
Manual Integrations
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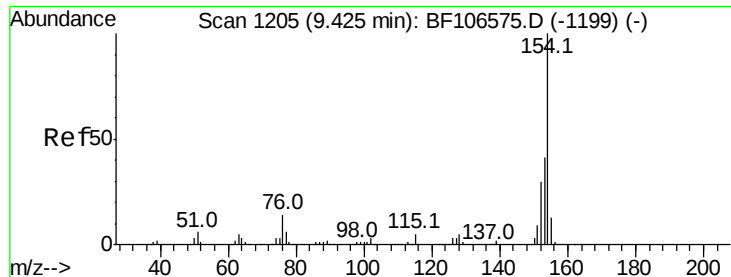
Sohil
 6/25/2018 5:16:28 PM



#44
 2-Fluorobiphenyl
 Concen: 82.835 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion	172	Resp	721077
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.8	19.6	29.4





#45

1,1'-Biphenyl

Concen: 38.298 ng

RT: 9.42 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

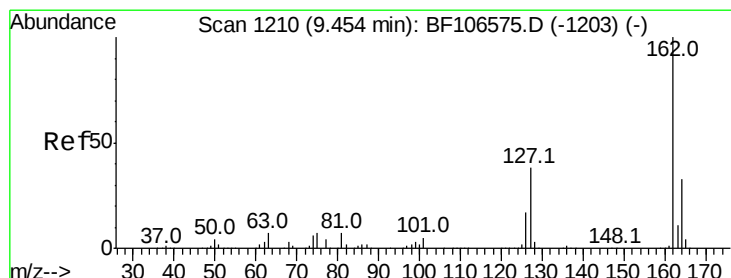
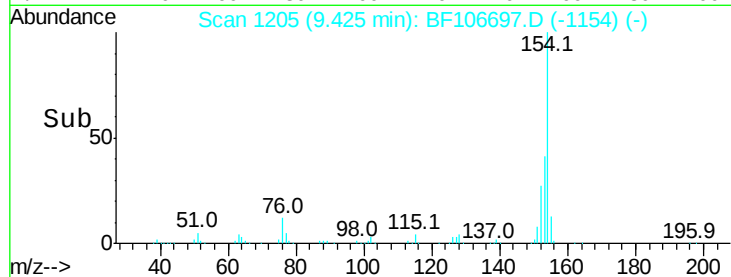
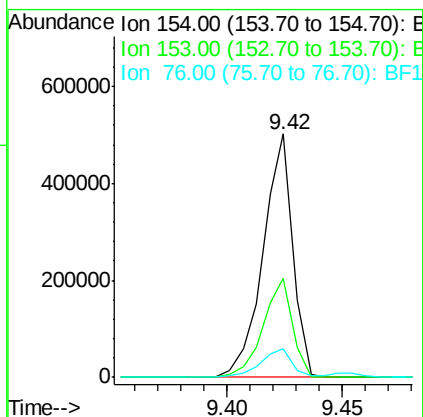
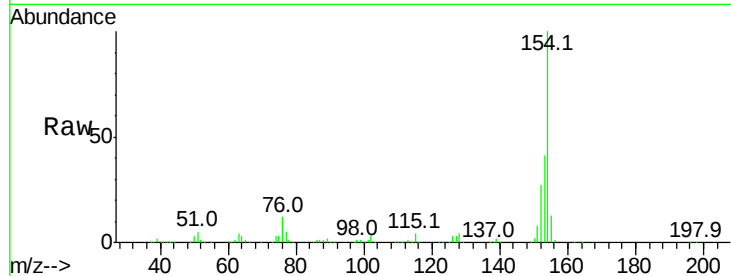
ClientSampleId :

PB110463BS

Tot Ion:	154	Resp:	447686
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.3	61.3
76	11.7	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 36.452 ng

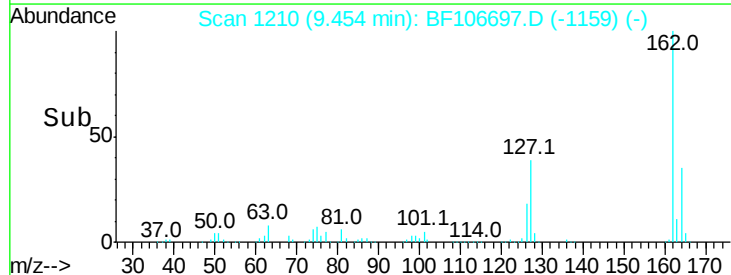
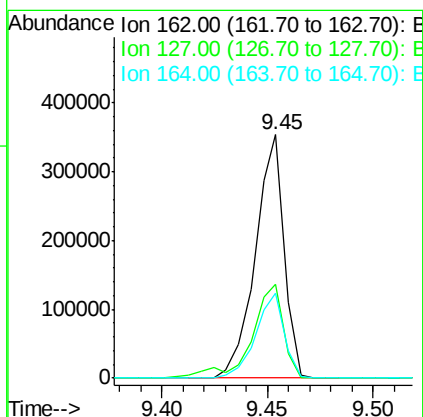
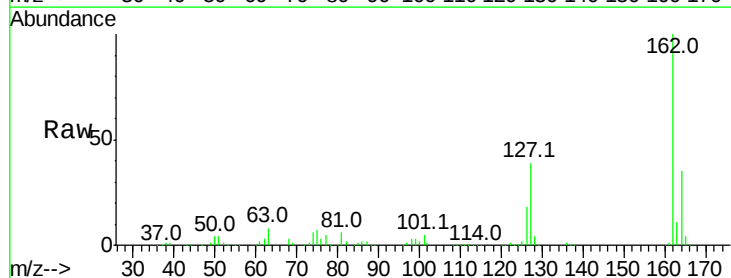
RT: 9.45 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Tgt Ion:	162	Resp:	335404
Ion Ratio	Lower	Upper	
162	100		
127	38.6	33.9	50.9
164	35.1	26.5	39.7





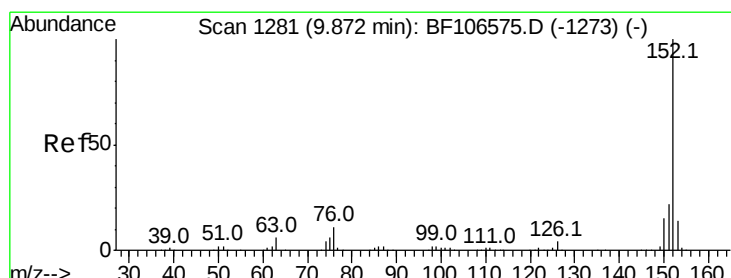
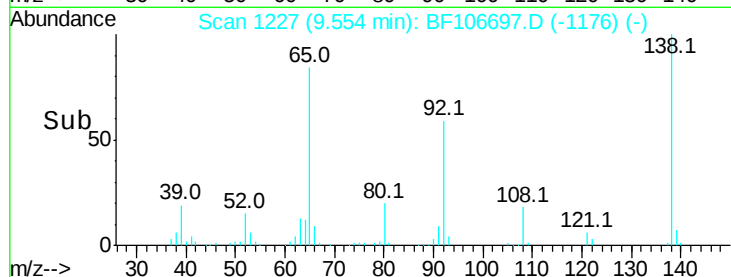
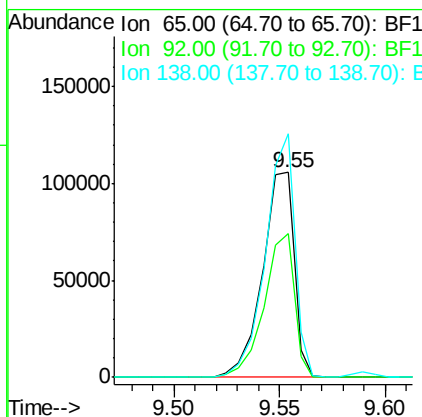
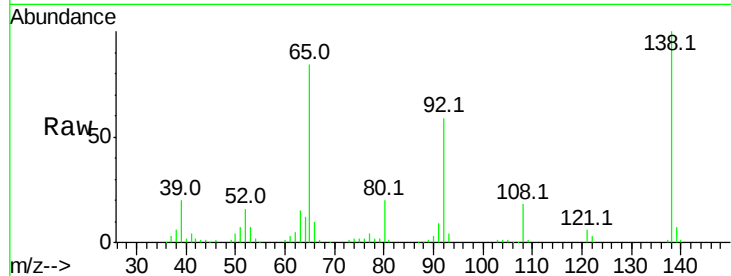
#47
2-Nitroaniline
Concen: 35.908 ng
RT: 9.55 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.0	55.8	83.6
138	118.9	91.2	136.8

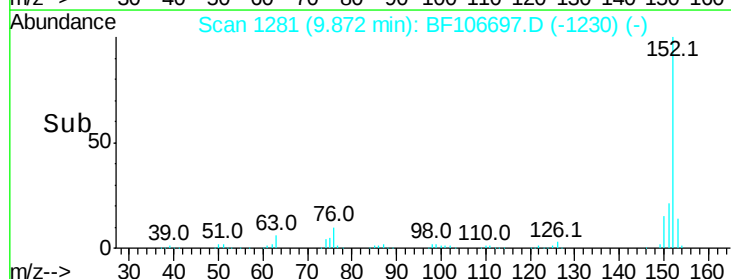
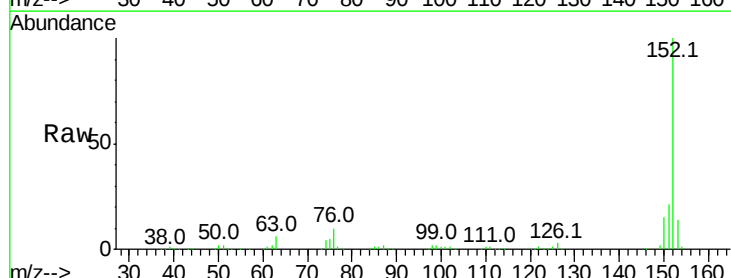
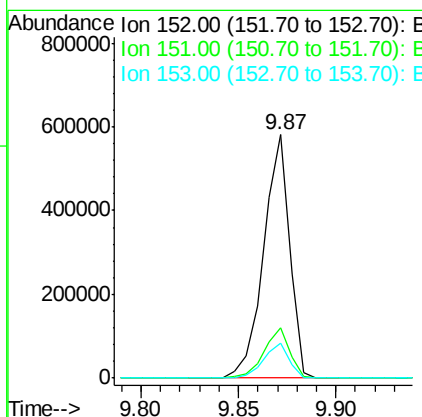
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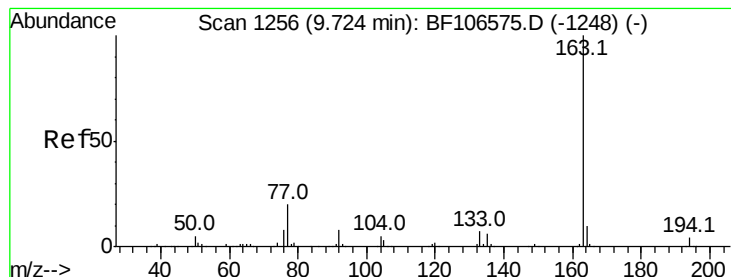
Sohil
6/25/2018 5:16:28 PM



#48
Acenaphthylene
Concen: 36.962 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.4	10.7	16.1





#49

Dimethylphthalate

Concen: 36.882 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

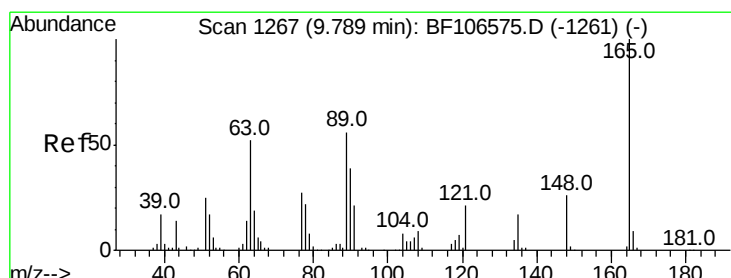
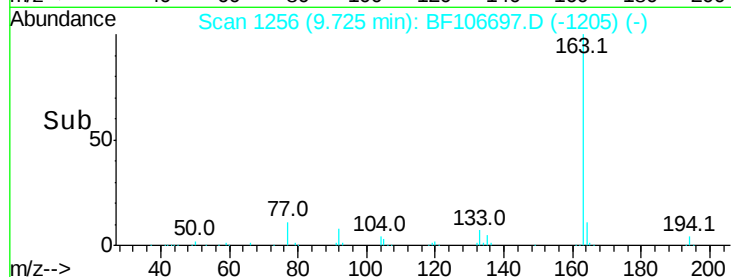
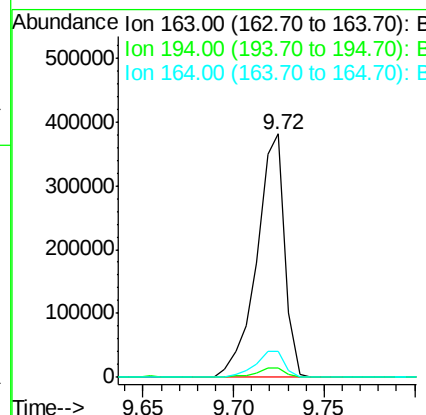
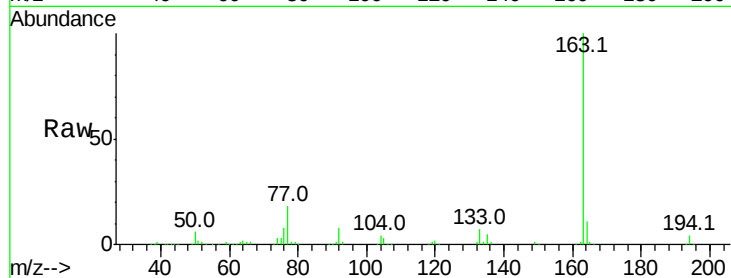
ClientSampled :

PB110463BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	405732		
194	4.0		2.7	4.1
164	10.7		8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 42.080 ng

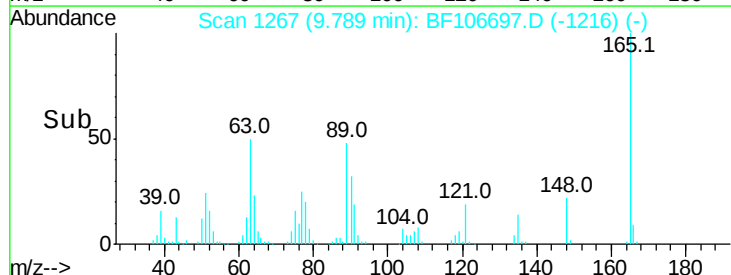
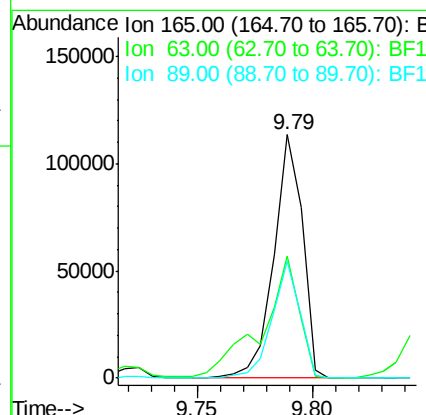
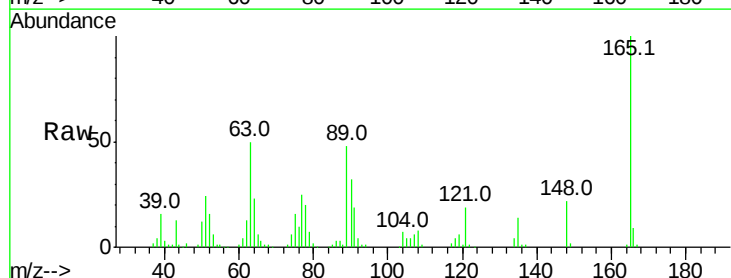
RT: 9.79 min Scan# 1267

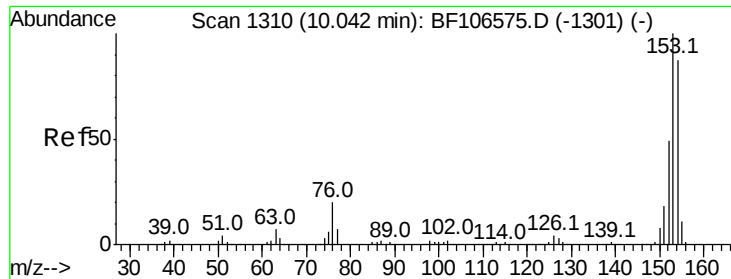
Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	98025		
63	50.2		44.7	67.1
89	48.1		44.0	66.0





#51

Acenaphthene

Concen: 35.345 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

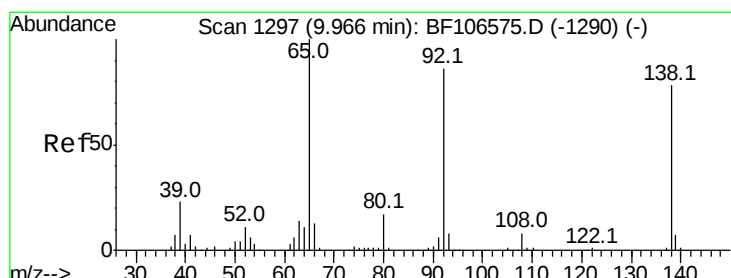
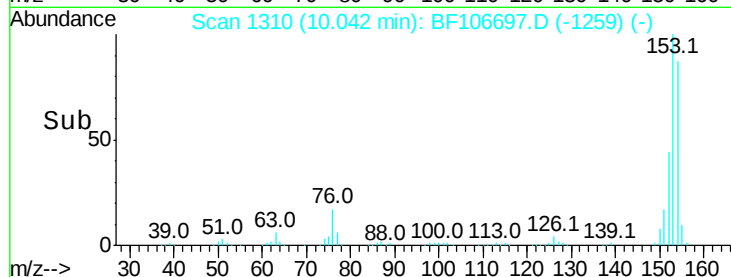
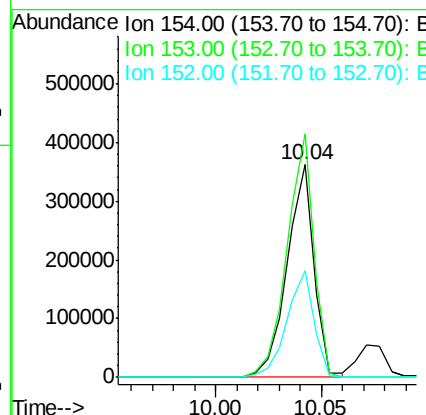
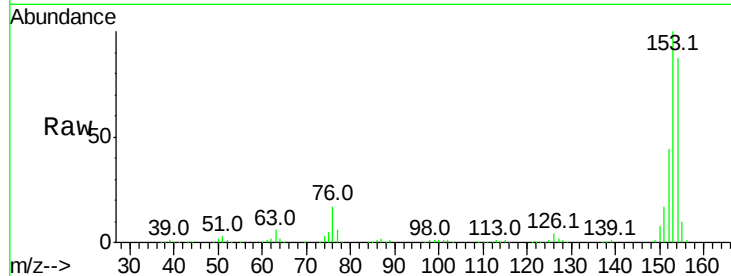
ClientSampled :

PB110463BS

Tot Ion:	154	Resp:	323324
Ion Ratio	Lower	Upper	
154	100		
153	114.7	91.2	136.8
152	50.5	43.8	65.8

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#52

3-Nitroaniline

Concen: 24.414 ng

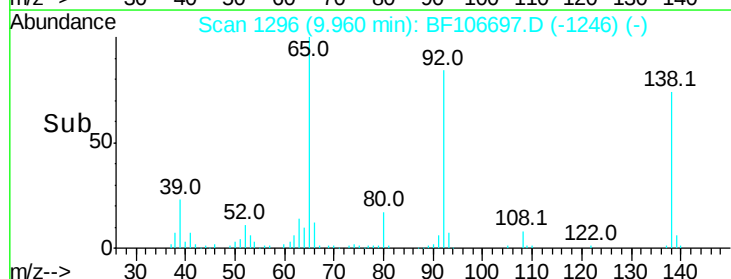
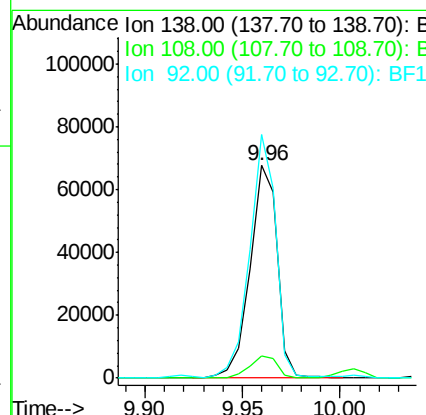
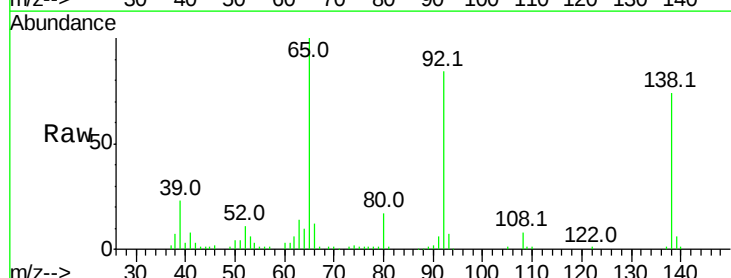
RT: 9.96 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Tgt Ion:	138	Resp:	65446
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	114.4	89.4	134.2





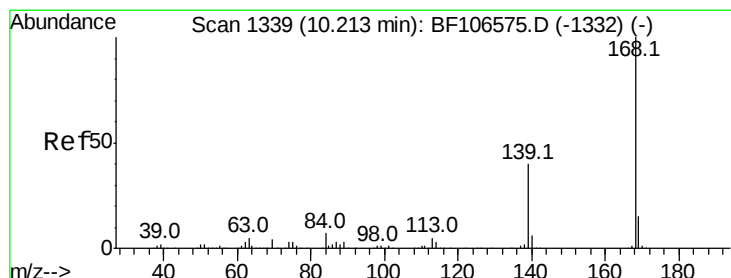
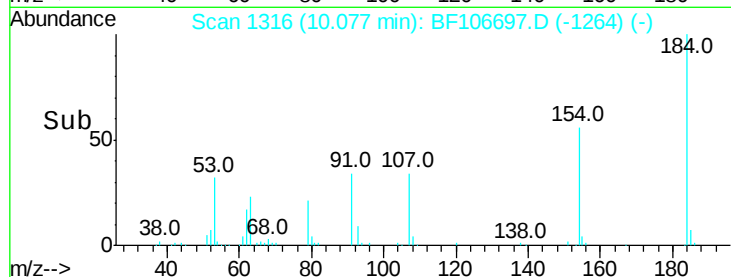
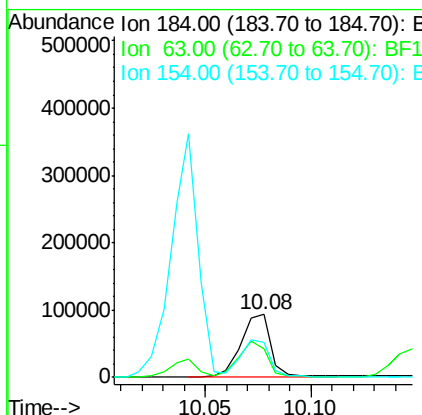
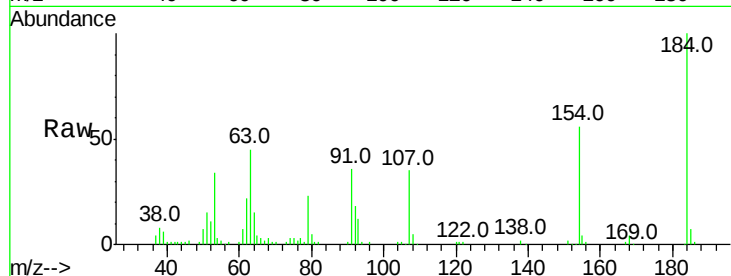
#53
 2,4-Dinitrophenol
 Concen: 77.704 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110463BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	44.8	54.2	81.2#
154	56.1	184.0	276.0#

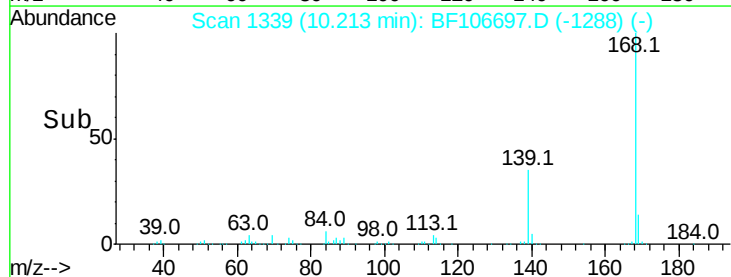
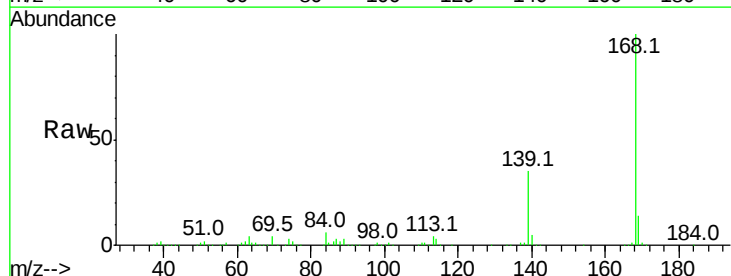
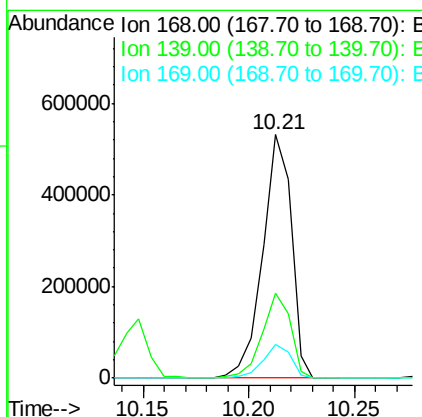
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#54
 Dibenzofuran
 Concen: 40.284 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.1	45.1
169	13.7	10.9	16.3





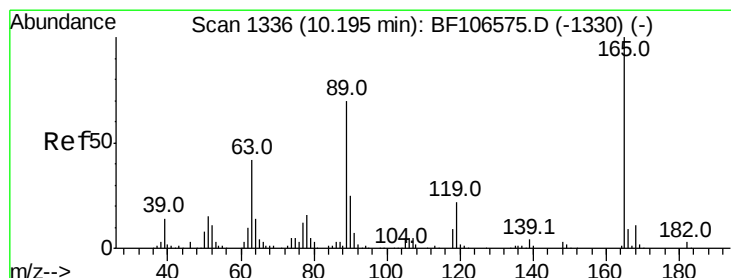
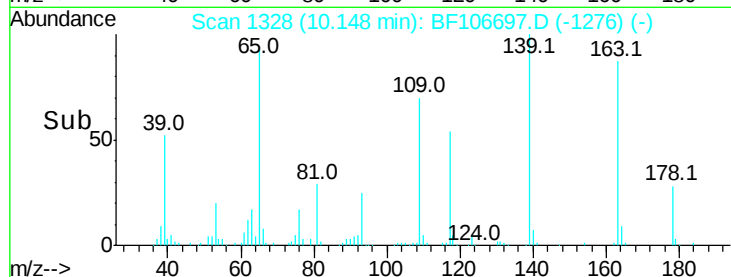
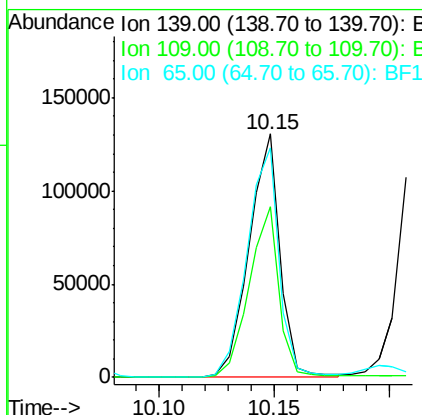
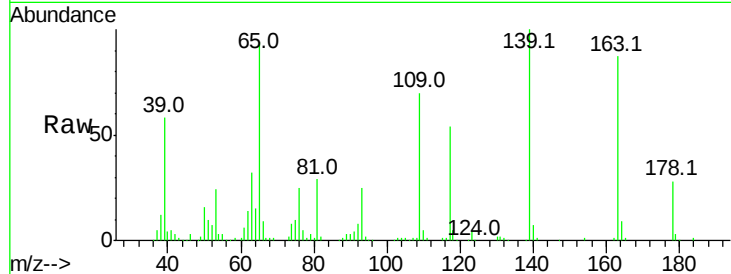
#55
4-Nitrophenol
Concen: 65.322 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	122225		
109	70.2	48.4	88.4	
65	94.0	72.6	112.6	

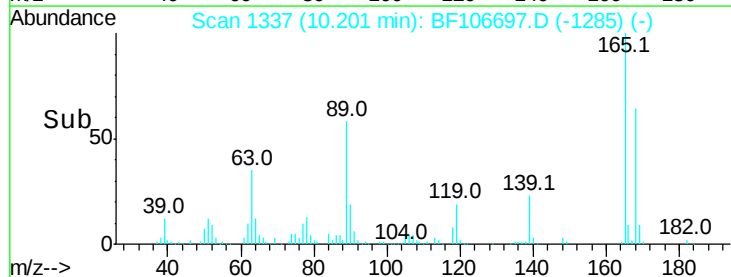
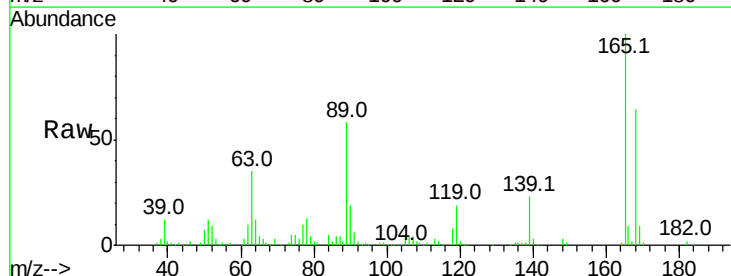
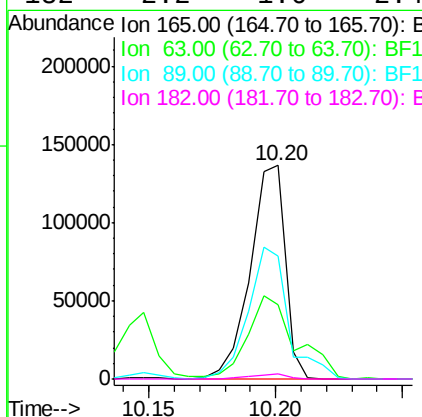
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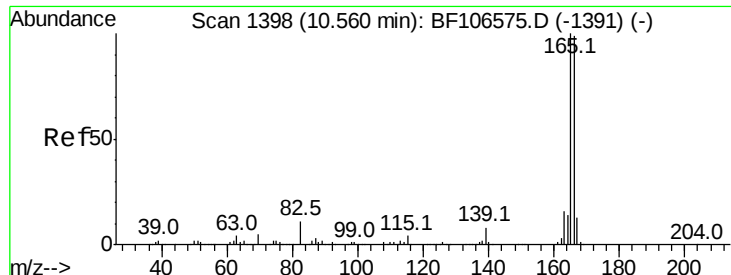
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#56
2,4-Dinitrotoluene
Concen: 43.425 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	132040		
63	34.6	36.4	54.6#	
89	57.7	57.8	86.6#	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 39.608 ng

RT: 10.56 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

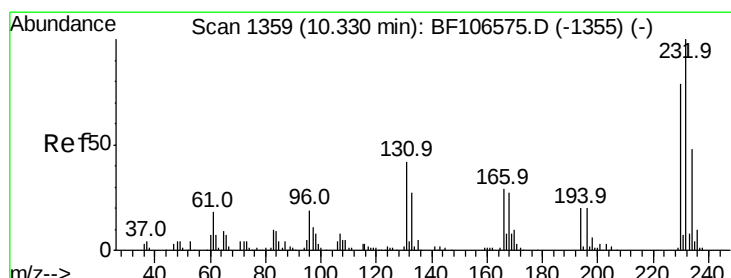
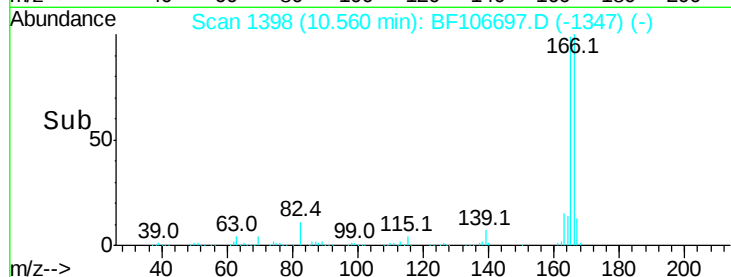
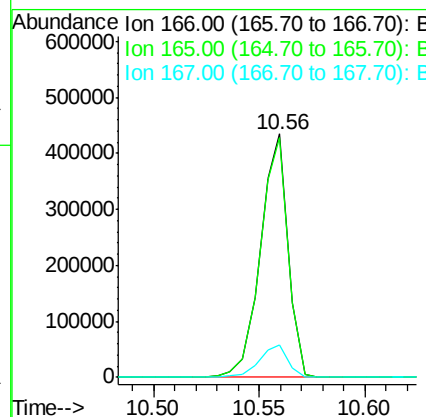
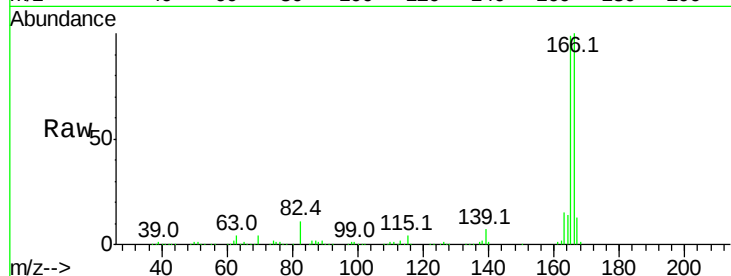
ClientSampleId :

PB110463BS

Tot Ion:	166	Resp:	393699
Ion Ratio	Lower	Upper	
166	100		
165	98.7	79.8	119.8
167	13.3	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.915 ng

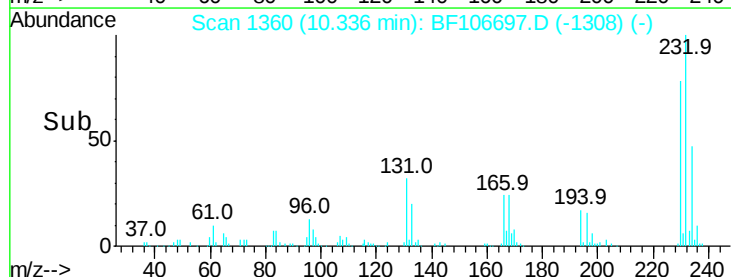
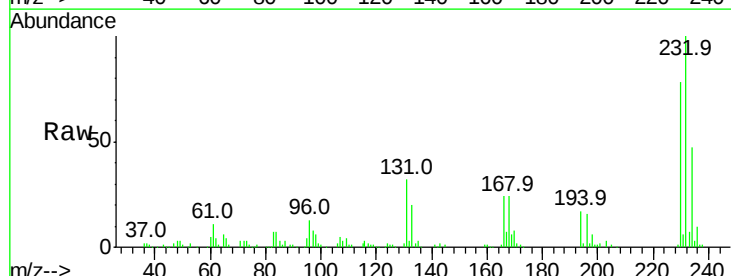
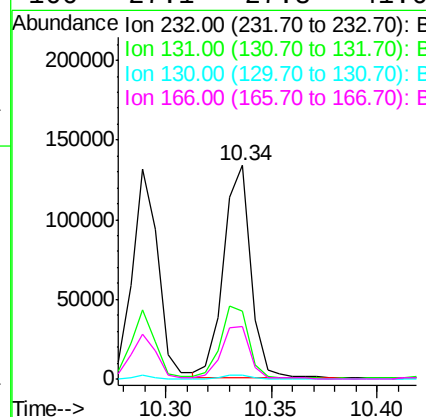
RT: 10.34 min Scan# 1360

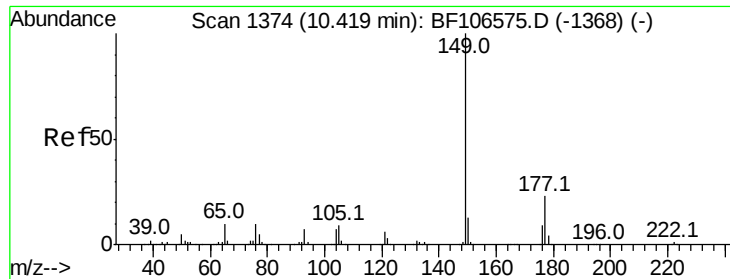
Delta R.T. 0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Tgt Ion:	232	Resp:	119604
Ion Ratio	Lower	Upper	
232	100		
131	37.3	43.8	65.8#
130	1.7	2.1	3.1#
166	27.1	27.8	41.6#





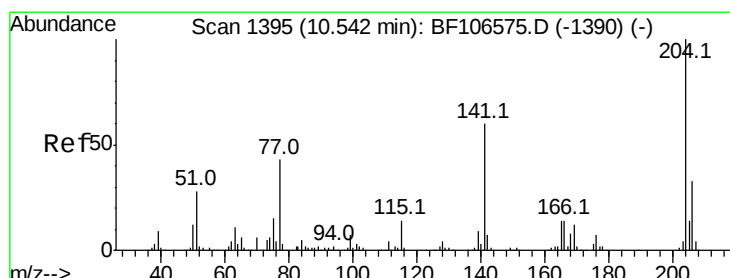
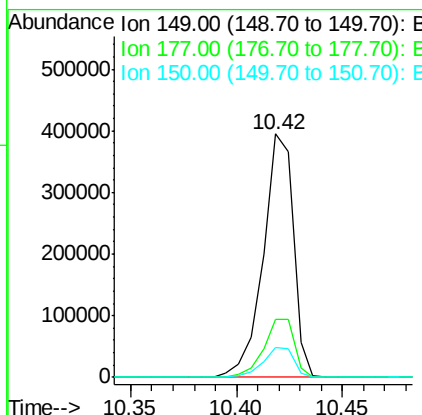
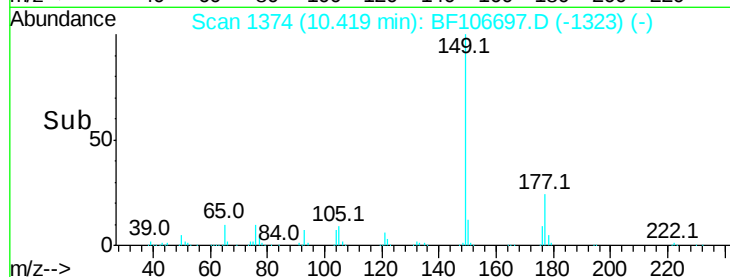
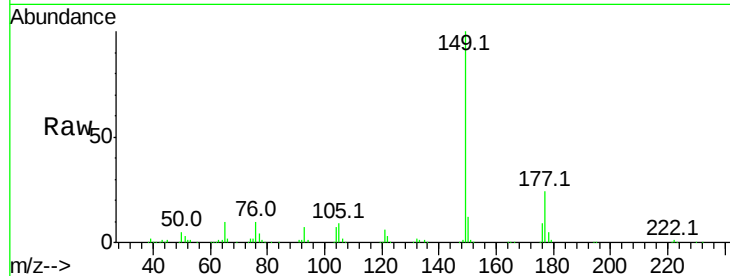
#59
Diethylphthalate
Concen: 37.080 ng
RT: 10.42 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampled :
PB110463BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	24.0	16.1	24.1
150	12.4	10.1	15.1

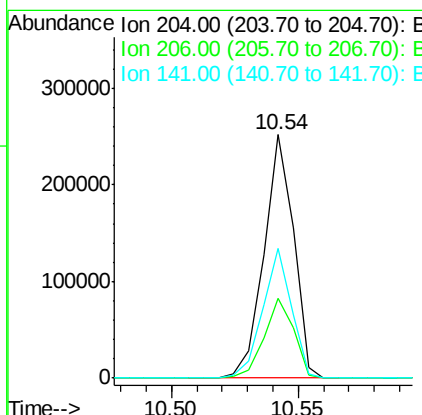
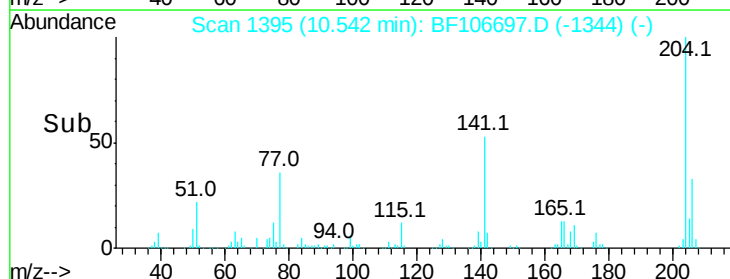
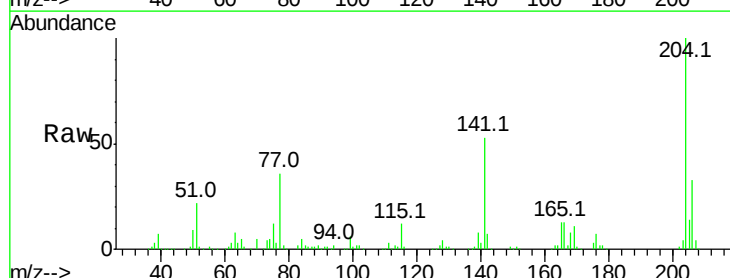
Manual Integrations
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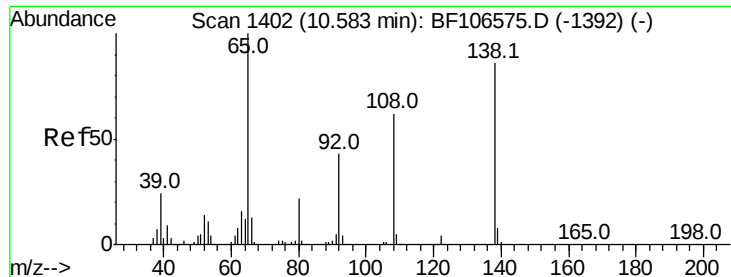
Sohil
6/25/2018 5:16:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.434 ng
RT: 10.54 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	32.6	26.5	39.7
141	53.1	54.6	81.8#





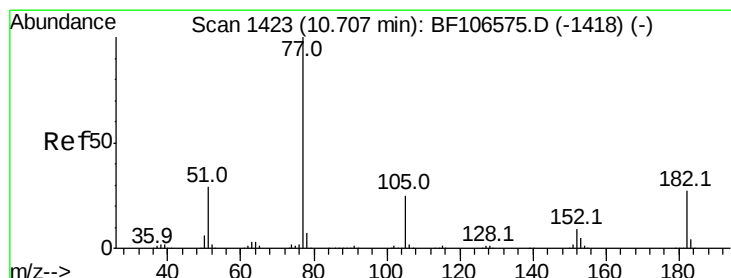
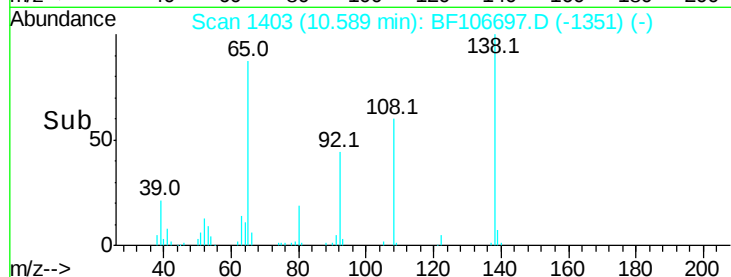
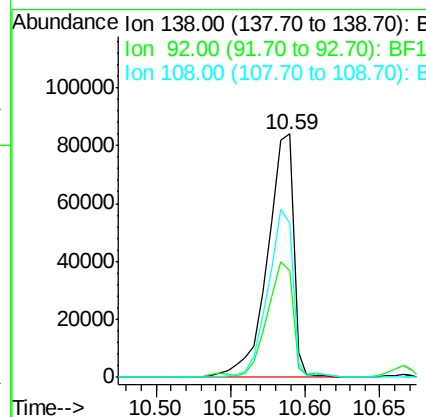
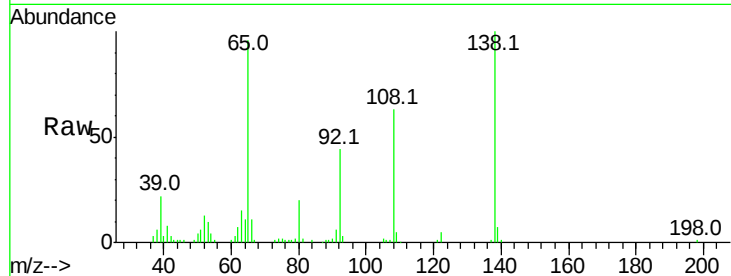
#61
4-Nitroaniline
Concen: 37.967 ng
RT: 10.59 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	101006		
92	43.8	30.2	70.2	
108	63.1	52.5	92.5	

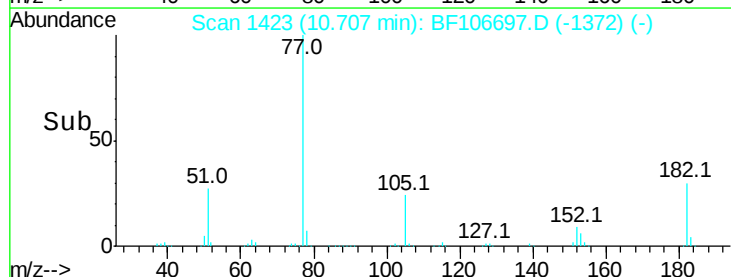
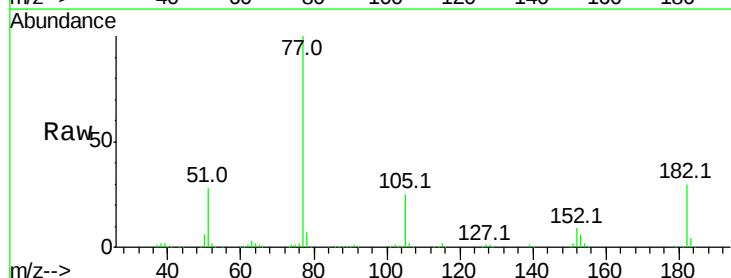
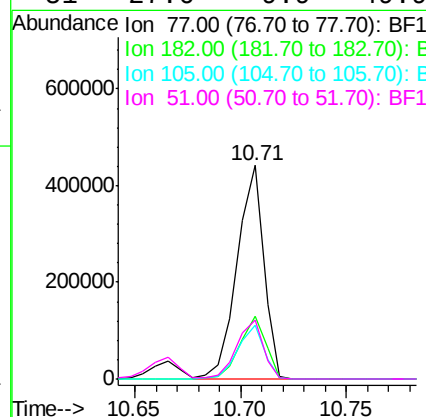
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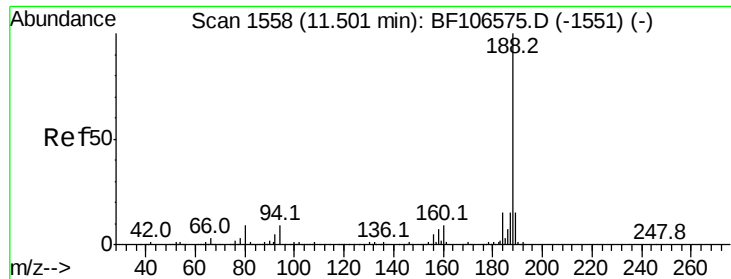
Sohil
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#62
Azobenzene
Concen: 36.844 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	385237		
182	29.6	1.7	41.7	
105	25.3	3.0	43.0	
51	27.6	9.9	49.9	





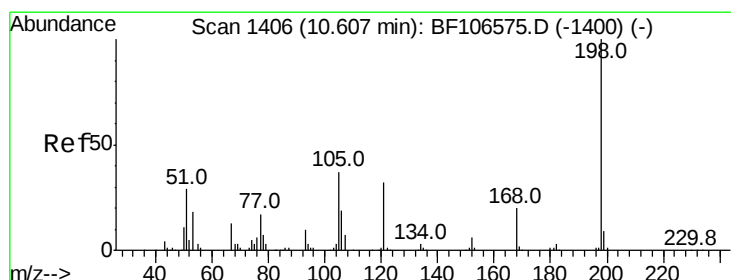
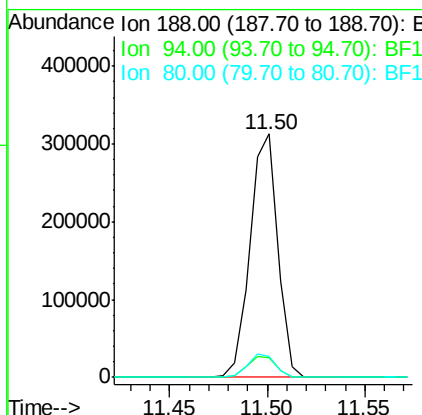
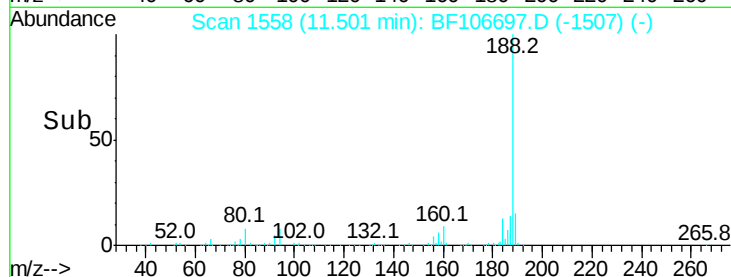
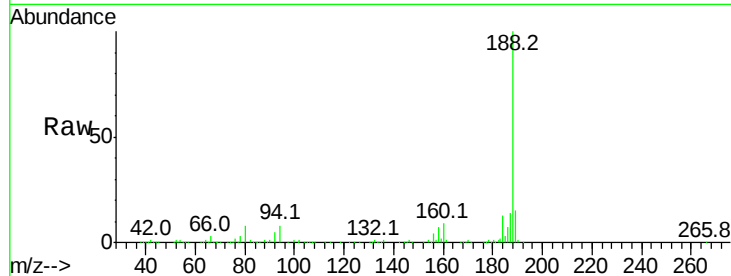
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	8.5	12.7#
80	8.4	9.2	13.8#

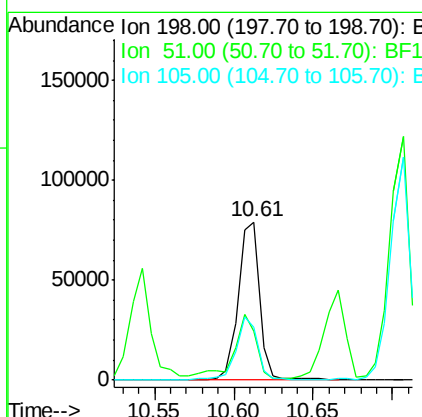
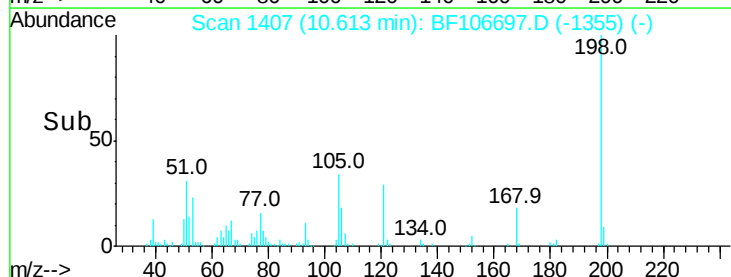
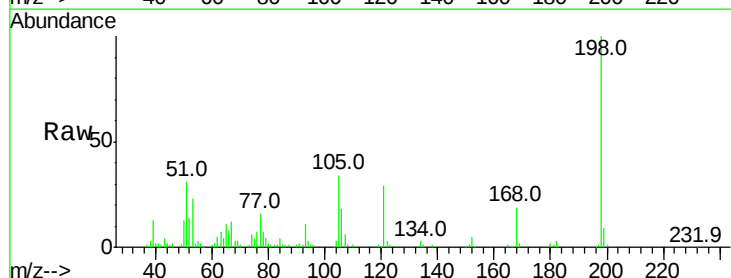
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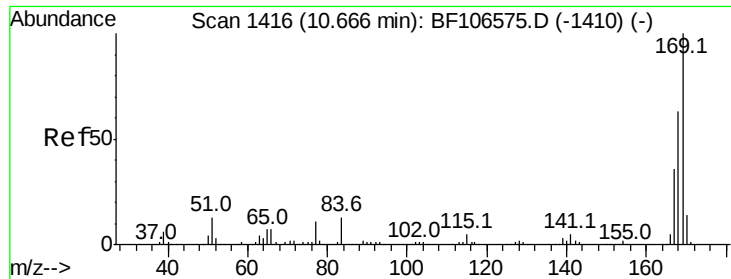
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.447 ng
RT: 10.61 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	31.2	37.7	77.7#
105	33.8	36.3	76.3#





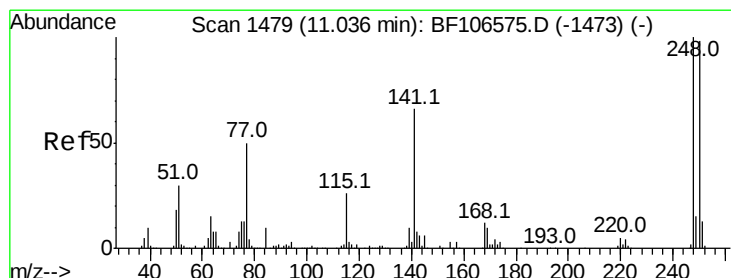
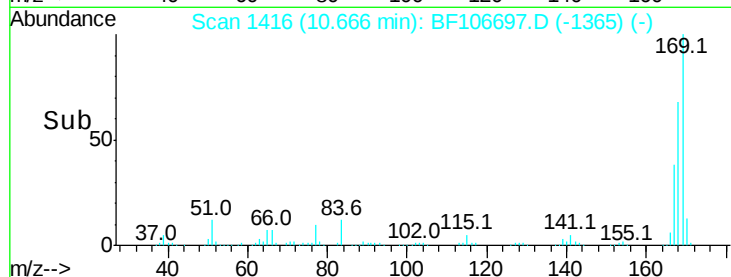
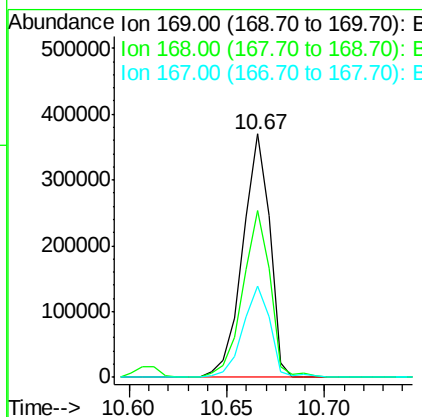
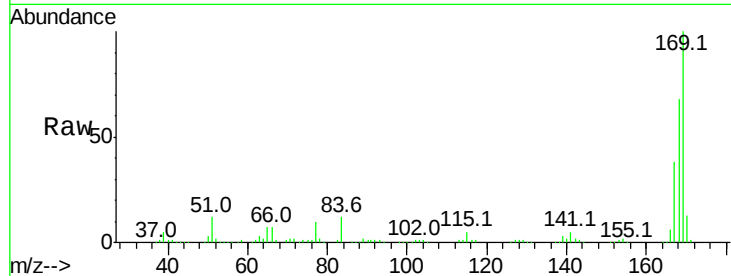
#65
n-Nitrosodiphenylamine
Concen: 34.398 ng
RT: 10.67 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	356295		
168	68.3		54.4	81.6
167	37.7		29.8	44.6

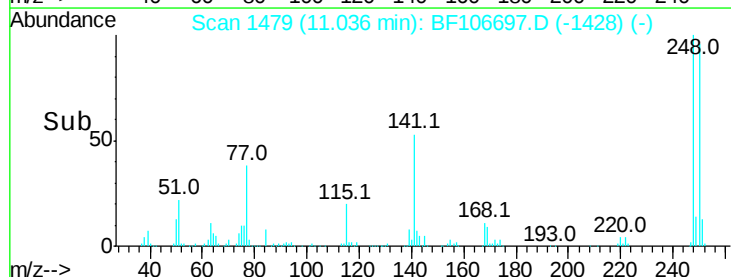
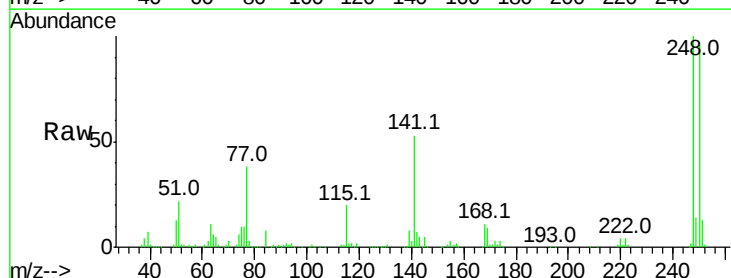
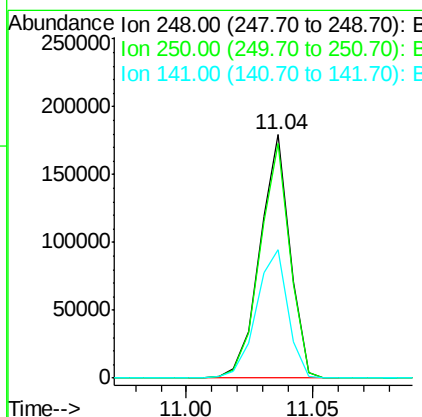
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#66
4-Bromophenyl-phenylether
Concen: 39.931 ng
RT: 11.04 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	146756		
250	96.2		76.9	115.3
141	52.5		74.4	111.6#





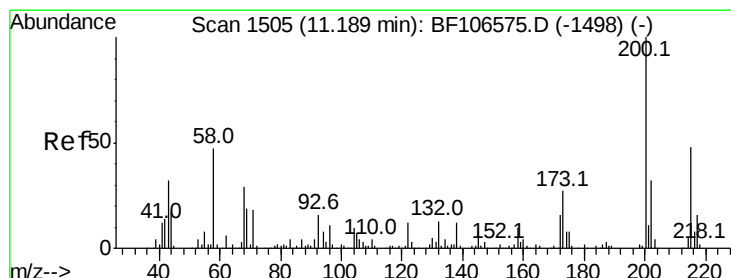
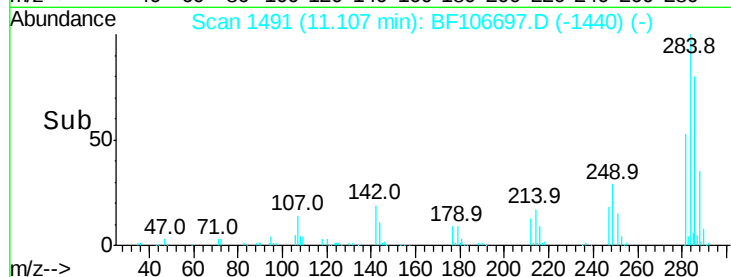
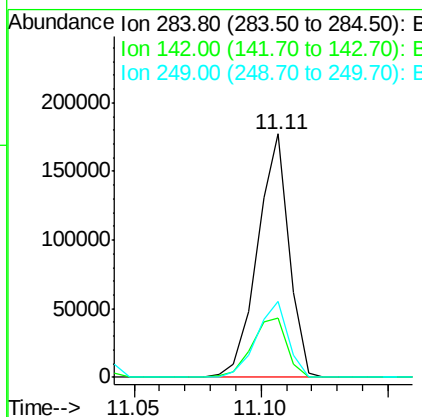
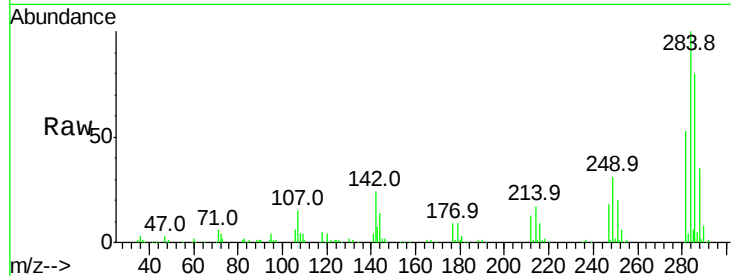
#67
Hexachlorobenzene
Concen: 39.606 ng
RT: 11.11 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	24.1	34.6	52.0#
249	31.3	24.8	37.2

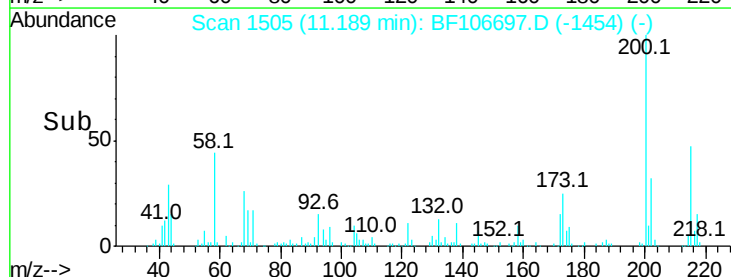
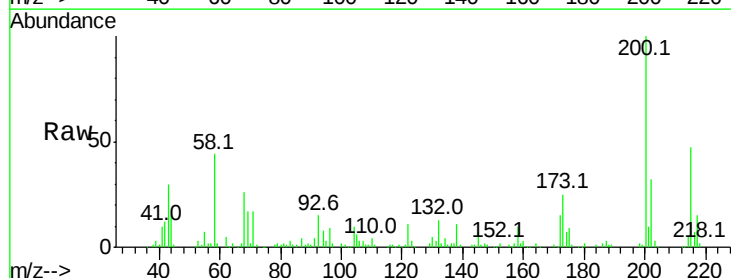
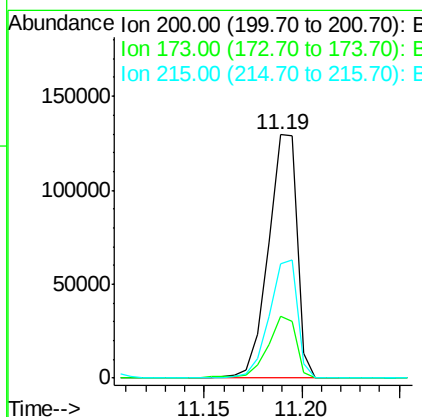
Manual Integrations
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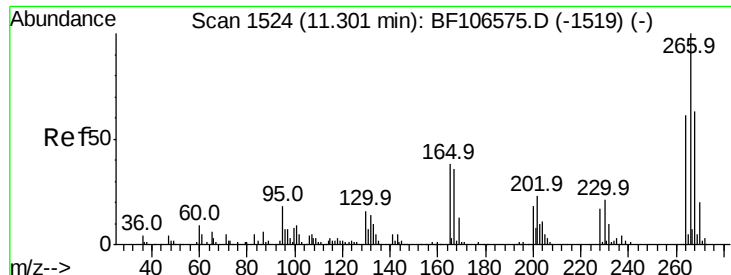
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#68
Atrazine
Concen: 40.203 ng
RT: 11.19 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	25.3	8.6	48.6
215	47.1	25.1	65.1





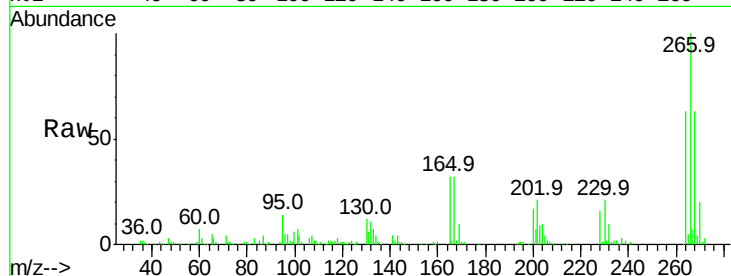
#69
 Pentachlorophenol
 Concen: 70.216 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110463BS

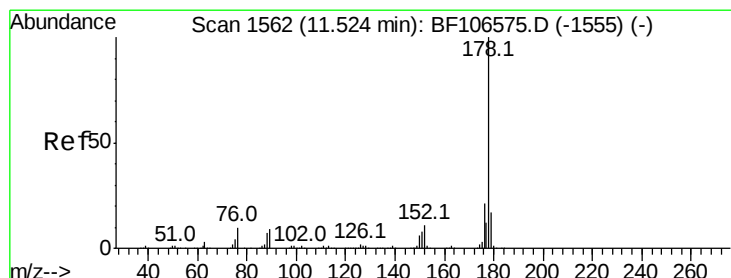
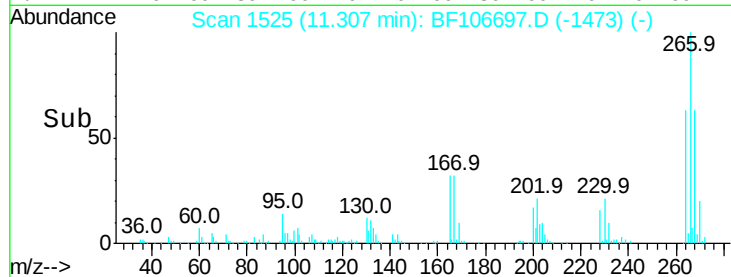
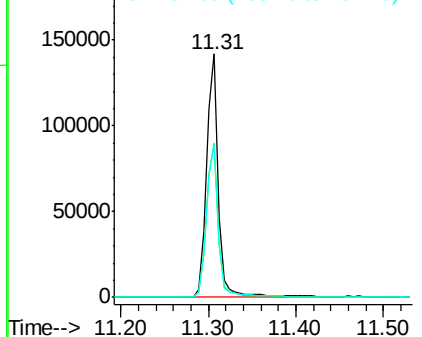
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.2	51.1	76.7	
264	62.8	49.5	74.3	

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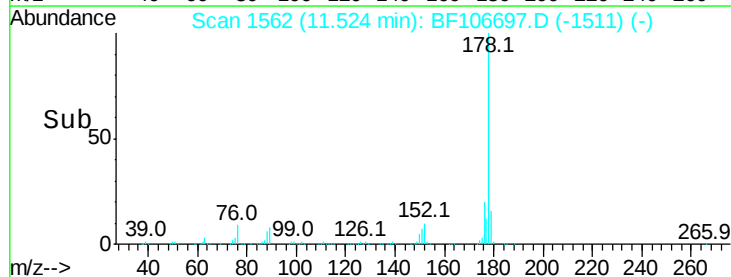
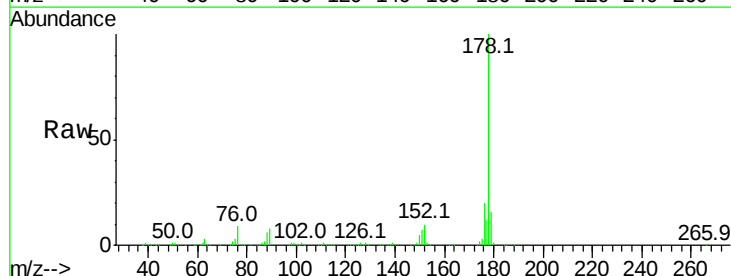
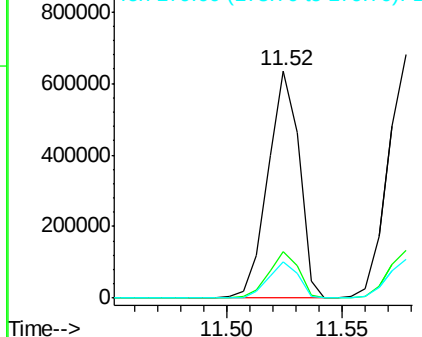
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

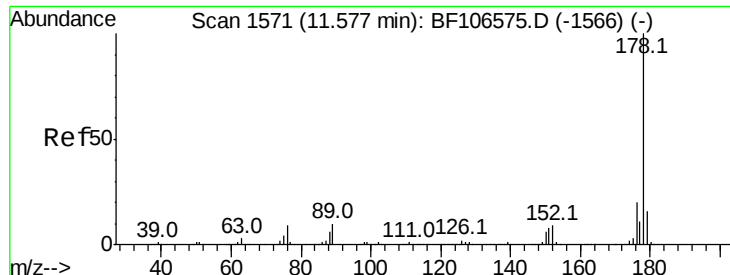


#70
 Phenanthrene
 Concen: 39.990 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.3	15.8	23.8	
179	16.1	13.0	19.6	

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





#71

Anthracene

Concen: 40.841 ng

RT: 11.58 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

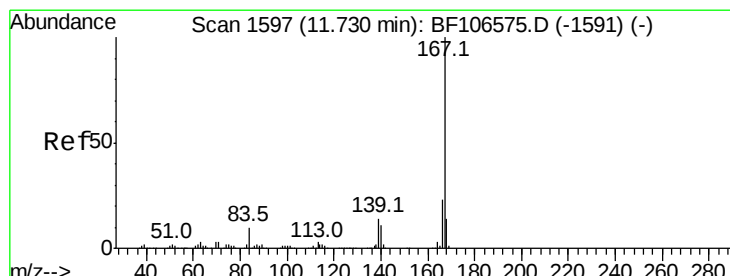
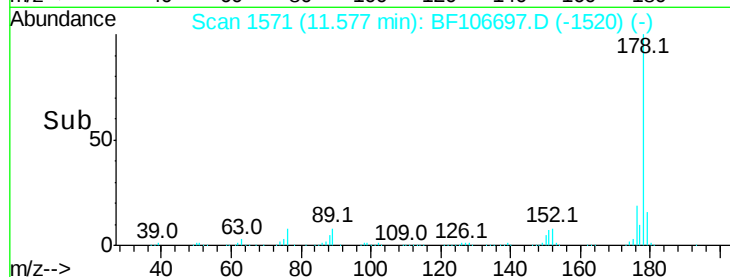
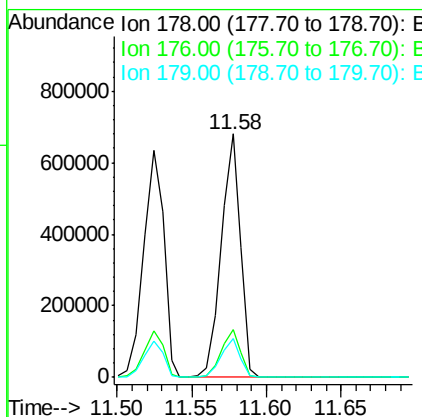
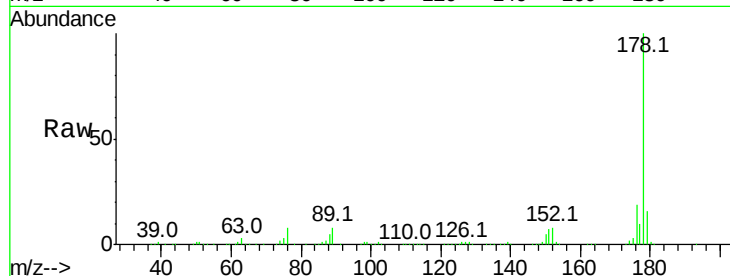
ClientSampleId :

PB110463BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.8	12.6	19.0

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#72

Carbazole

Concen: 38.487 ng

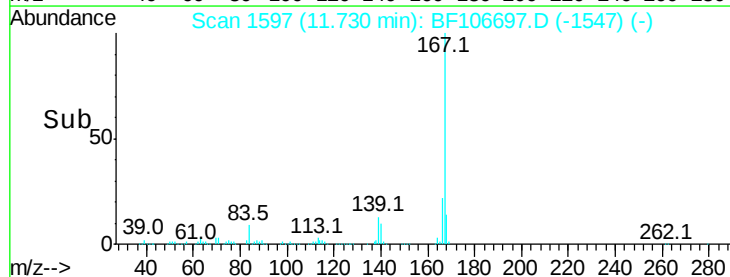
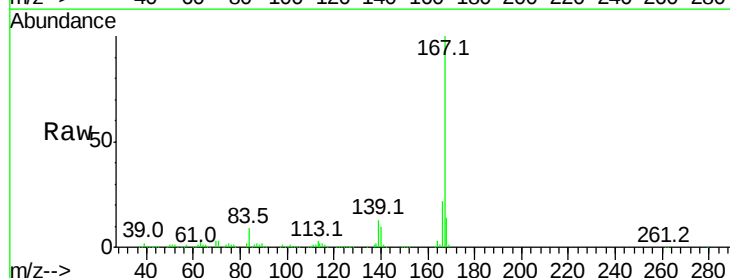
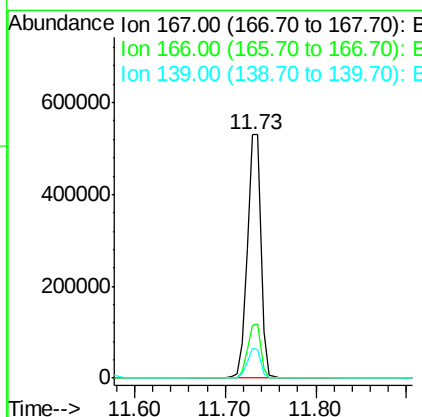
RT: 11.73 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	12.5	10.9	16.3





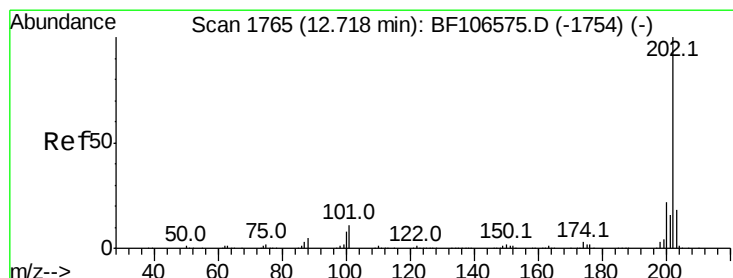
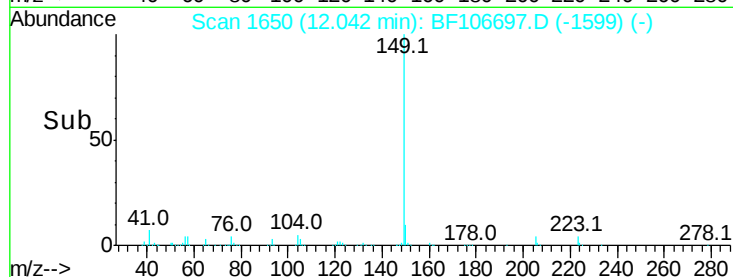
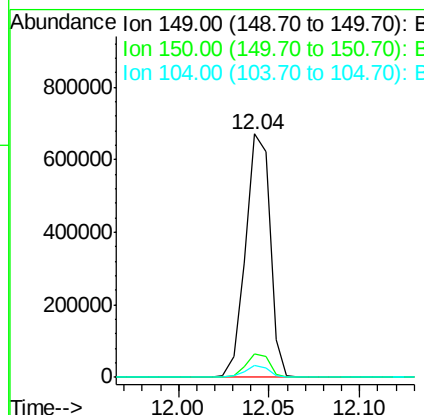
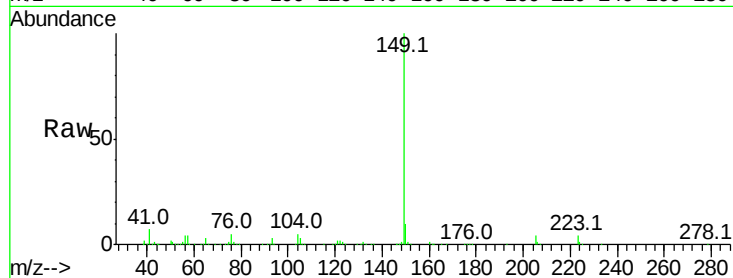
#73
Di-n-butylphthalate
Concen: 37.637 ng
RT: 12.04 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.9	7.8	11.6
104	4.7	3.8	5.8

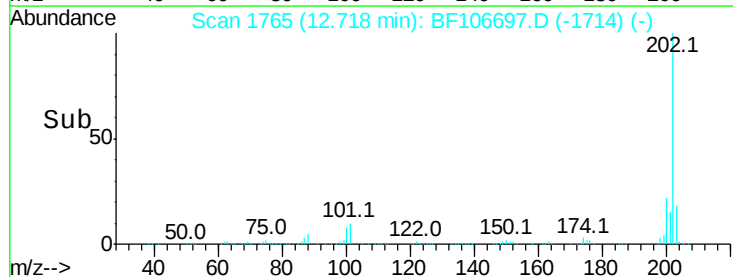
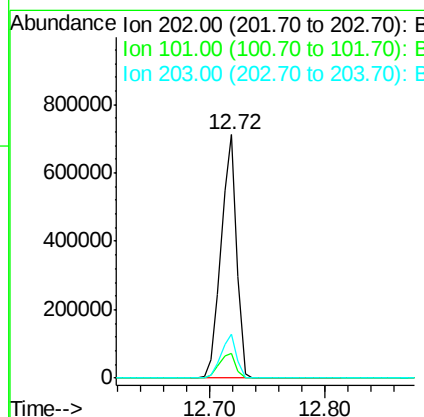
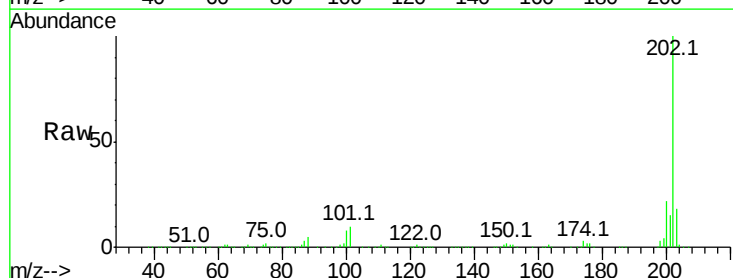
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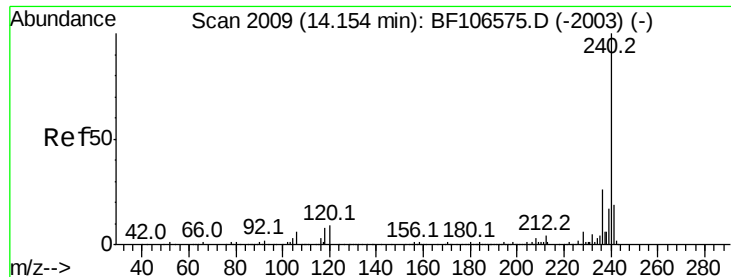
Sohil
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#74
Fluoranthene
Concen: 40.518 ng
RT: 12.72 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	0.0	34.1
203	18.0	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: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

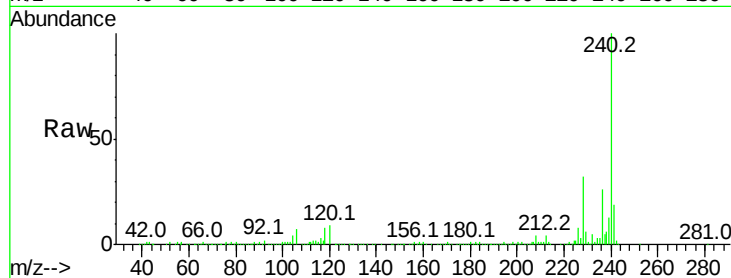
ClientSampleId :

PB110463BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	244532		
120	9.4	9.5	14.3	
236	25.9	20.7	31.1	

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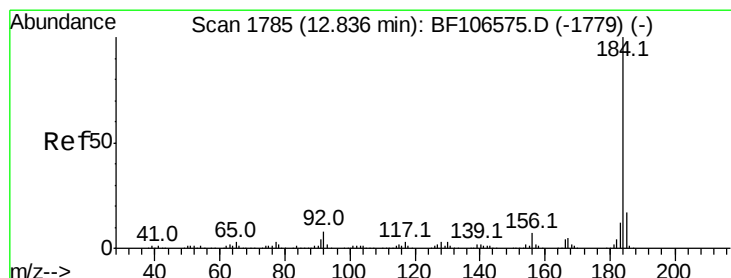
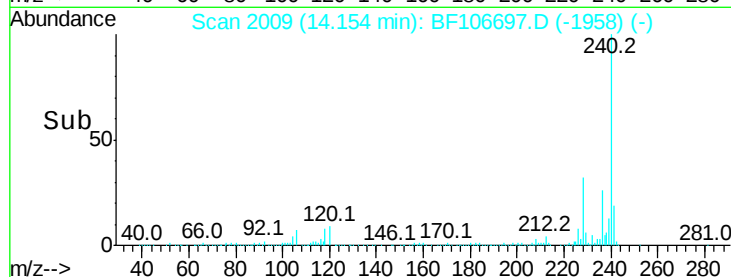
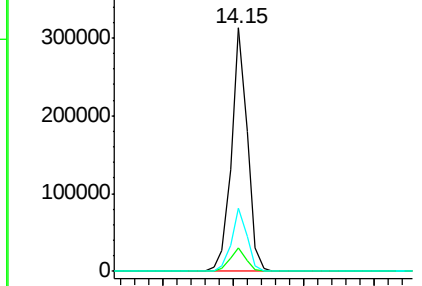
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.280 ng

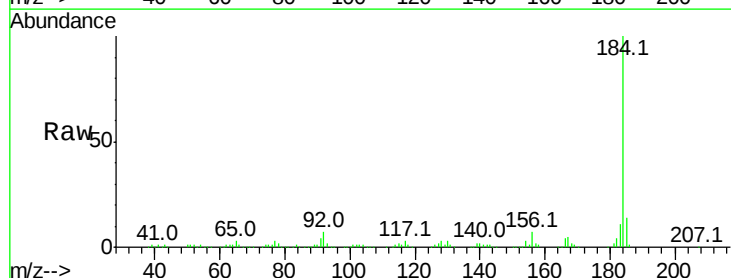
RT: 12.84 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

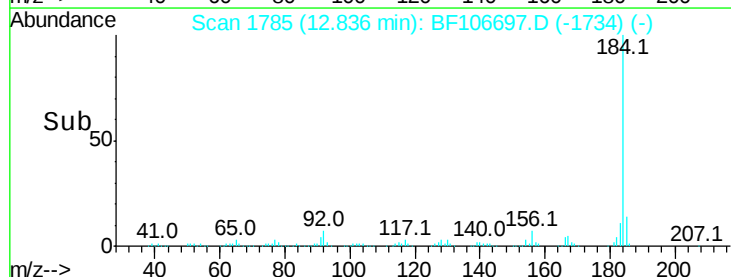
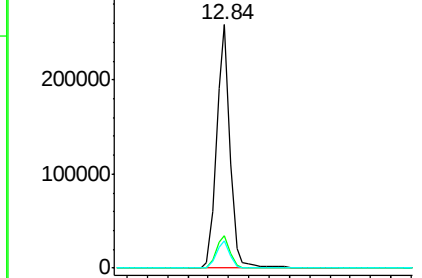
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	238731		
185	13.5	12.6	18.8	
183	11.2	9.3	13.9	

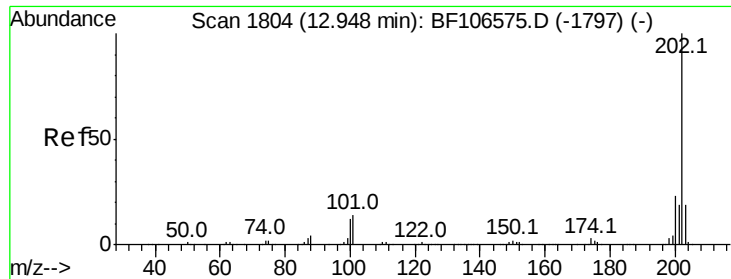


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





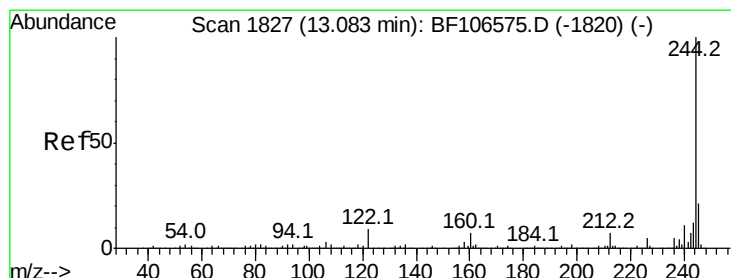
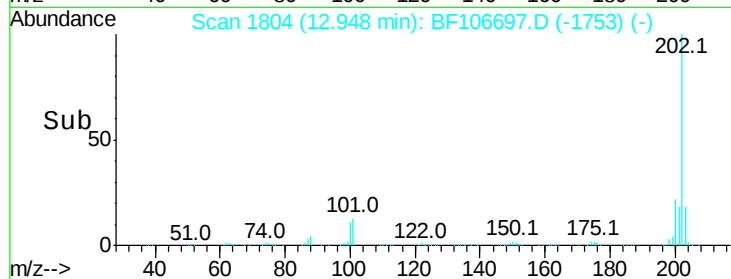
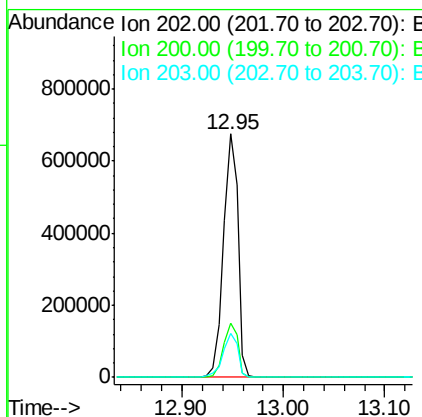
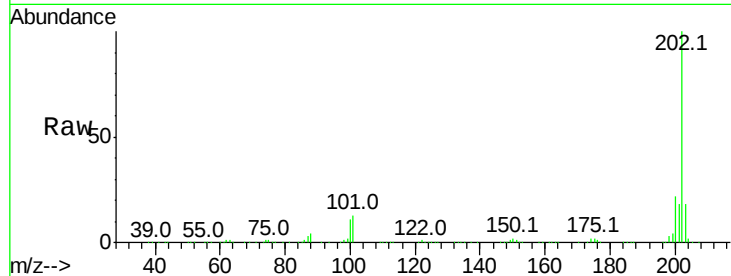
#77
Pvrene
Concen: 41.474 ng
RT: 12.95 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.9	14.3	21.5

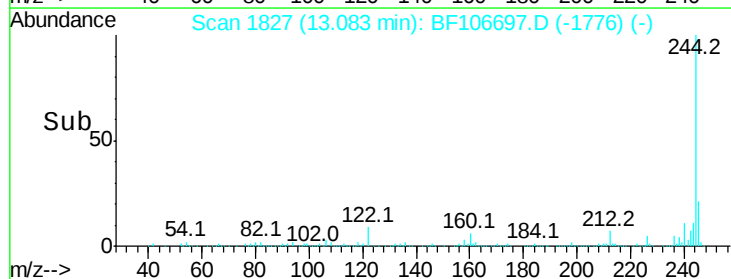
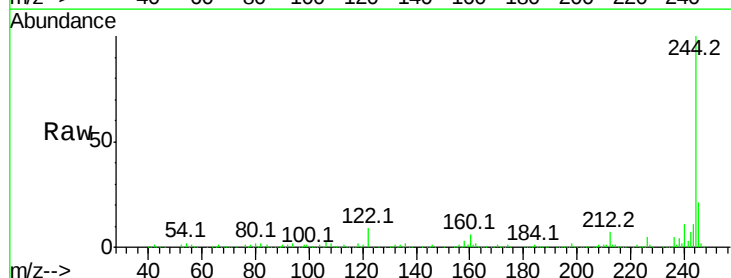
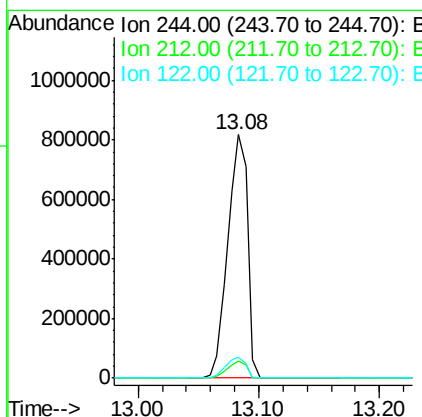
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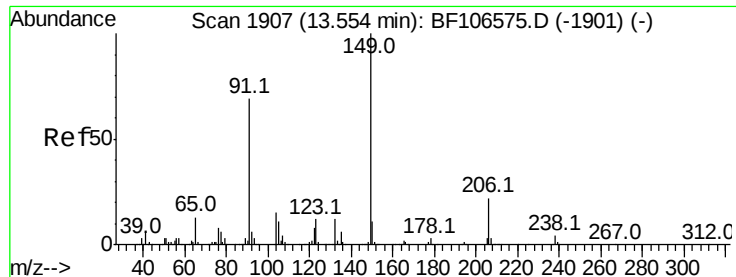
Sohil
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#78
Terphenyl-d14
Concen: 92.093 ng
RT: 13.08 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	8.8	11.0	16.4#





#79

Butylbenzylphthalate

Concen: 38.473 ng

RT: 13.55 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

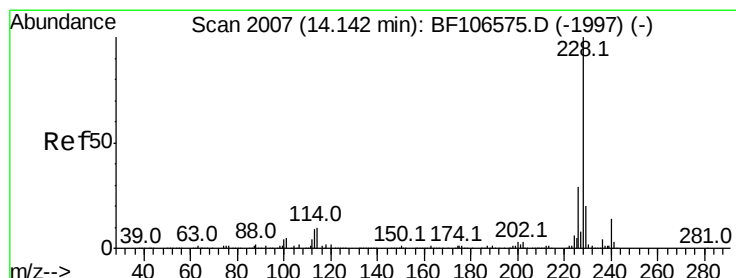
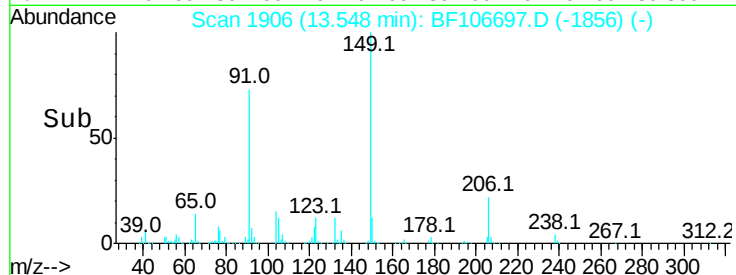
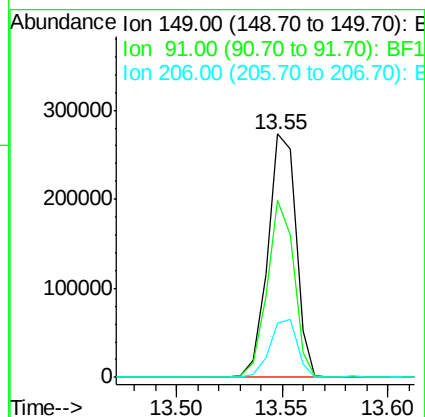
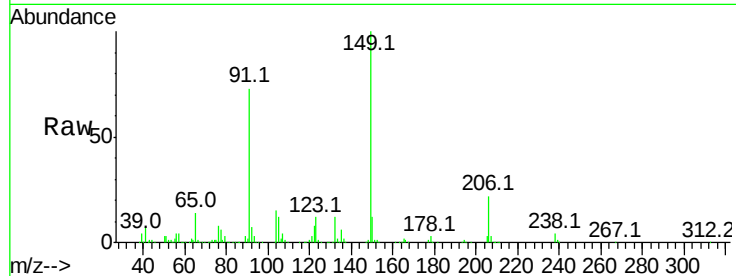
ClientSampleId :

PB110463BS

Tot Ion:	149	Resp:	255072
Ion Ratio	Lower	Upper	
149	100		
91	72.7	56.8	85.2
206	22.5	14.1	21.1#

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#80

Benzo(a)anthracene

Concen: 39.877 ng

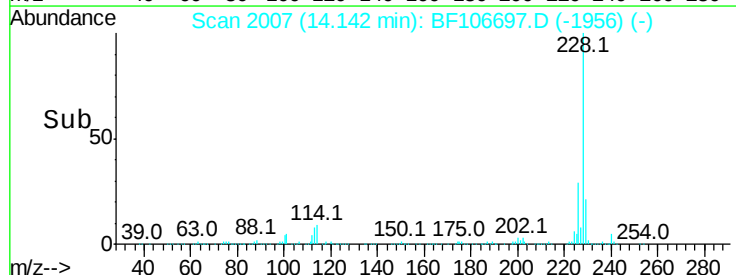
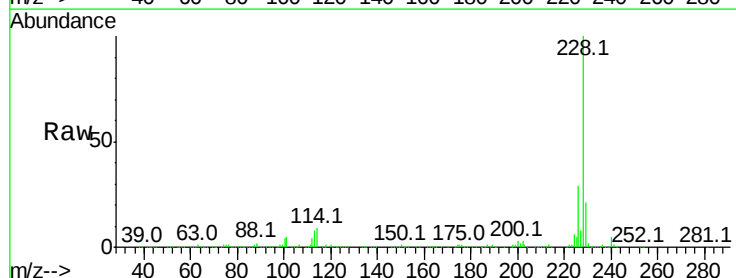
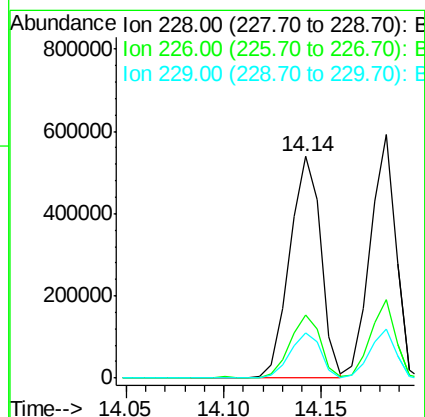
RT: 14.14 min Scan# 2007

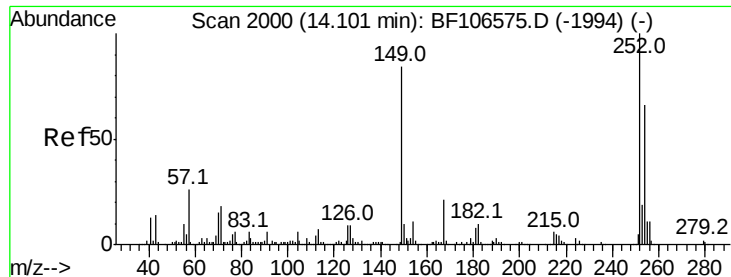
Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Tgt Ion:	228	Resp:	594308
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.6	33.8
229	20.5	15.8	23.6





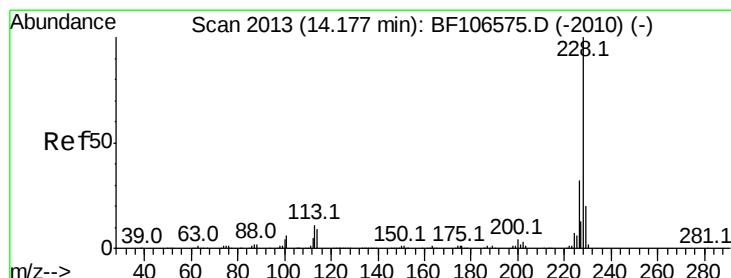
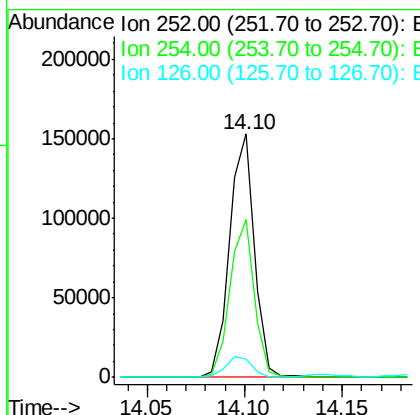
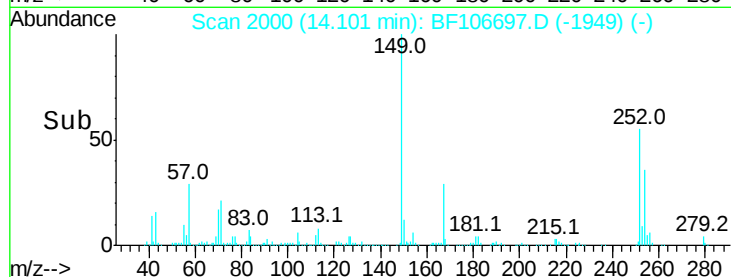
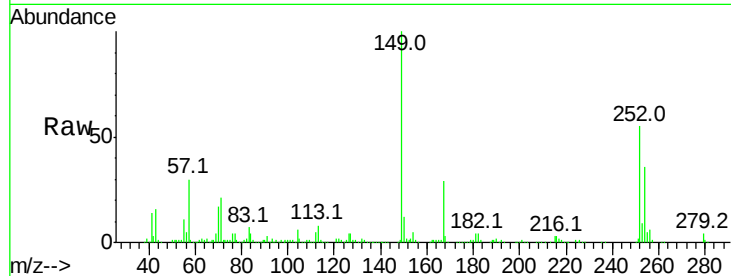
#81
 3,3'-Dichlorobenzidine
 Concen: 25.755 ng
 RT: 14.10 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110463BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.8	50.4	75.6
126	7.3	11.3	16.9

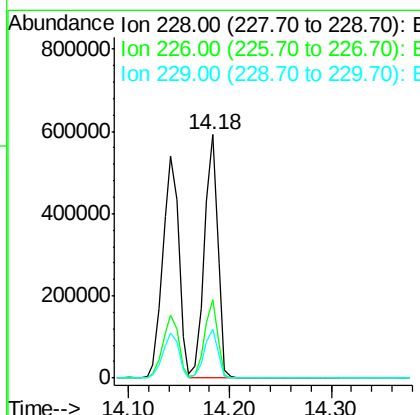
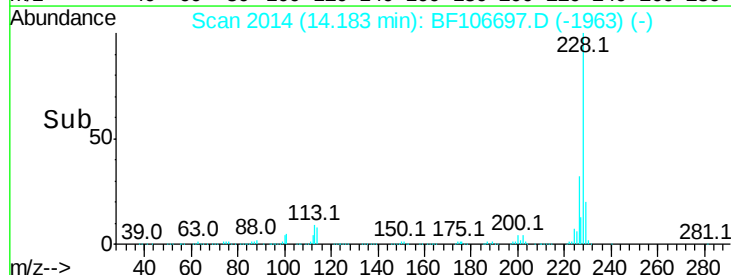
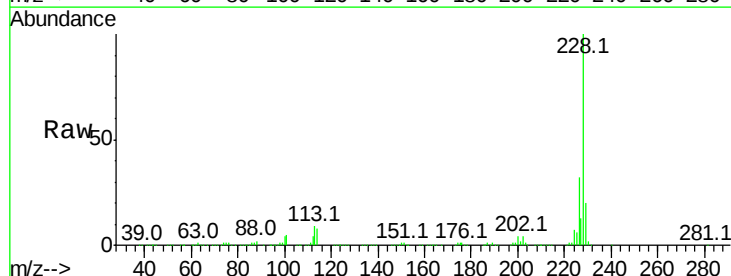
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#82
 Chrysene
 Concen: 39.554 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.0	25.0	37.6
229	20.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.803 ng

RT: 14.11 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF106697.D

Acq: 22 Jun 2018 9:59

Instrument :

BNA_F

ClientSampleId :

PB110463BS

Tot Ion:149 Resp: 328900
Ion Ratio Lower Upper

149 100

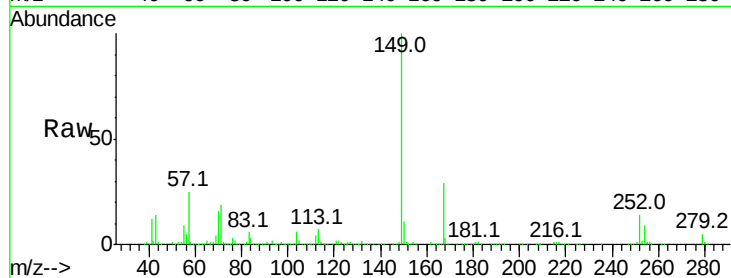
167 28.7 21.3 31.9

279 4.8 3.0 4.4#

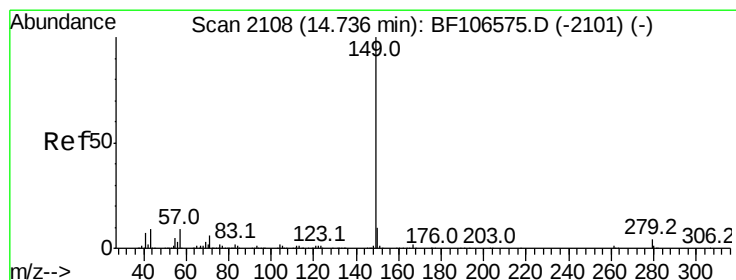
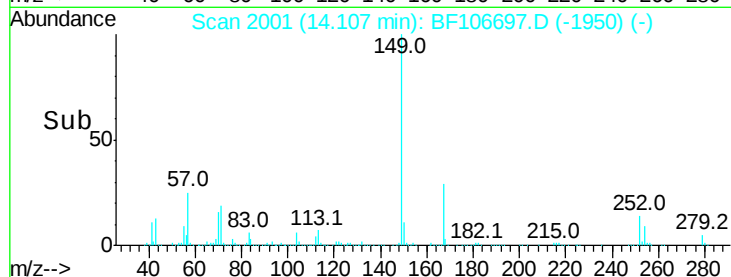
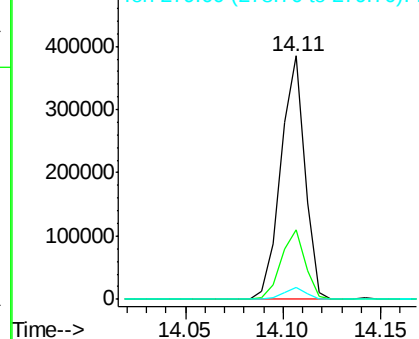
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.522 ng

RT: 14.74 min Scan# 2109

Delta R.T. 0.01 min

Lab File: BF106697.D

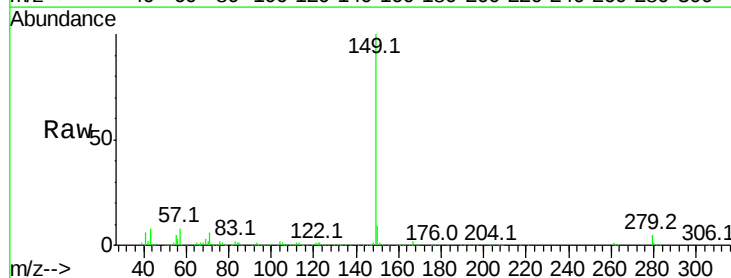
Acq: 22 Jun 2018 9:59

Tgt Ion:149 Resp: 518422
Ion Ratio Lower Upper

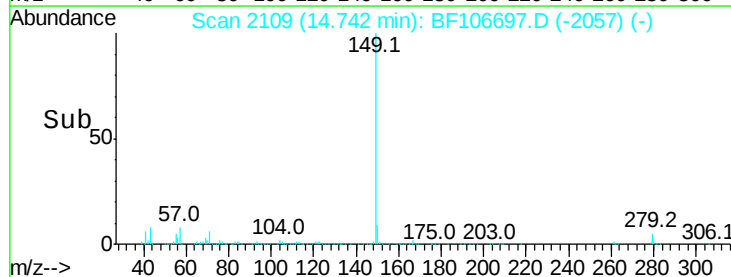
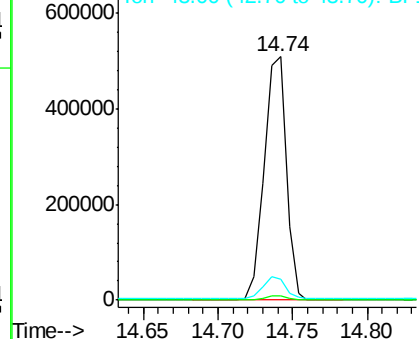
149 100

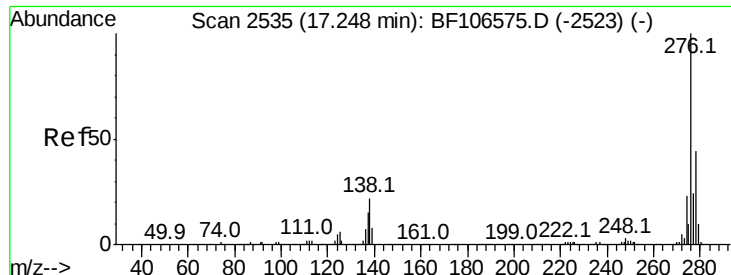
167 1.8 1.2 1.8#

43 9.6 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





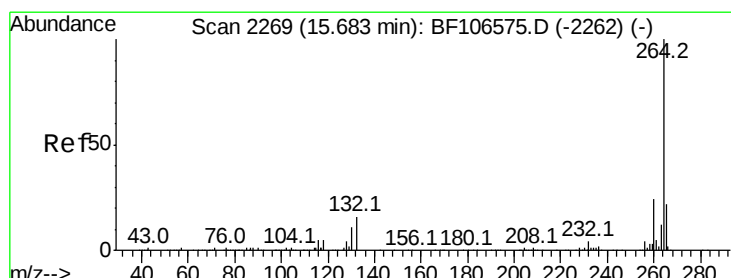
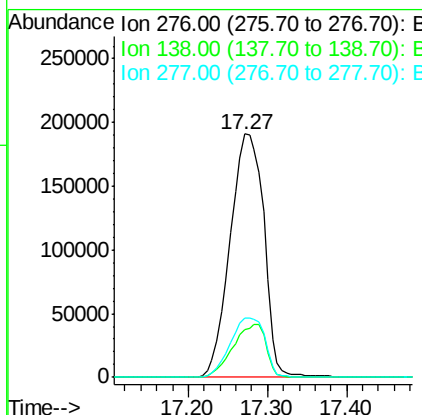
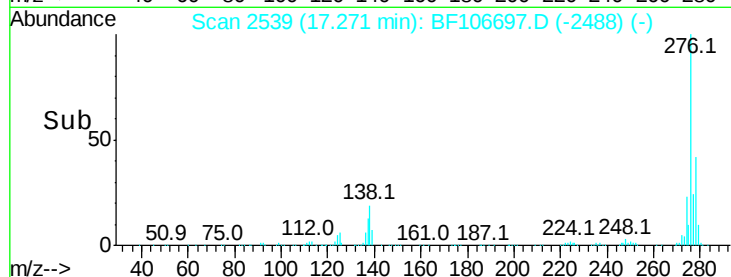
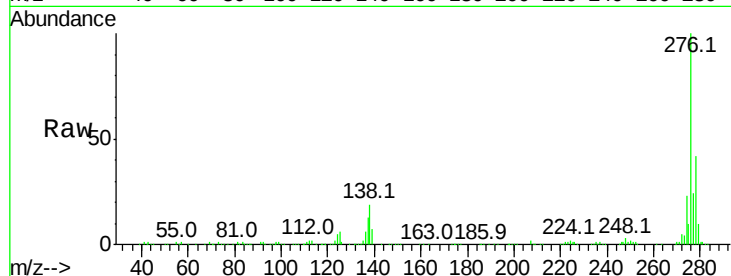
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.547 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleID :
PB110463BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.0	37.6#
277	25.2	20.1	30.1

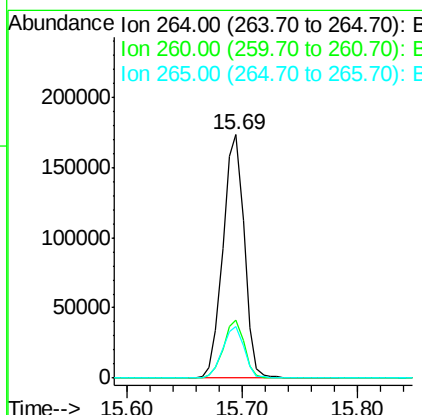
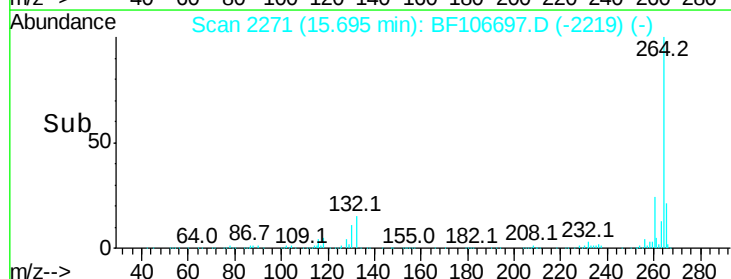
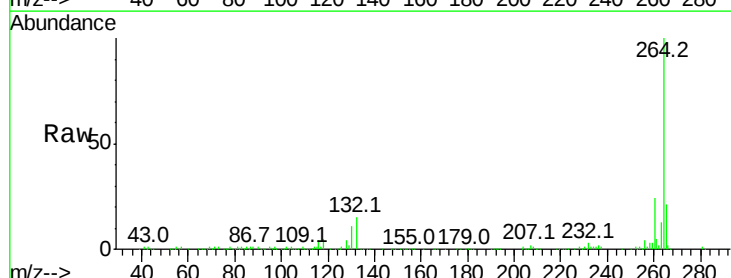
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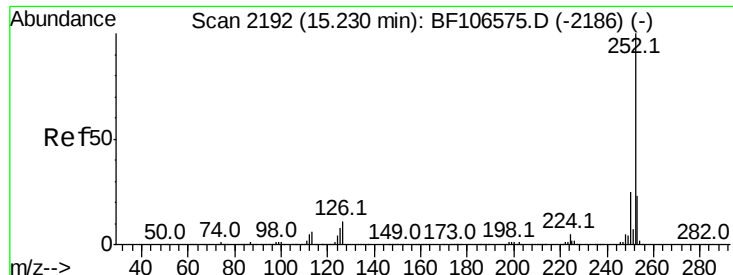
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	17.5	26.3





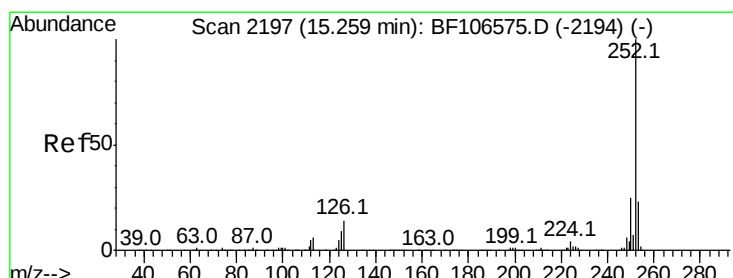
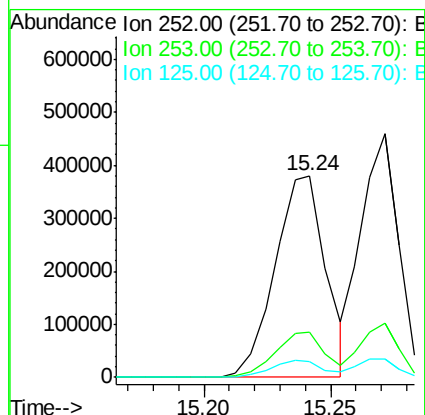
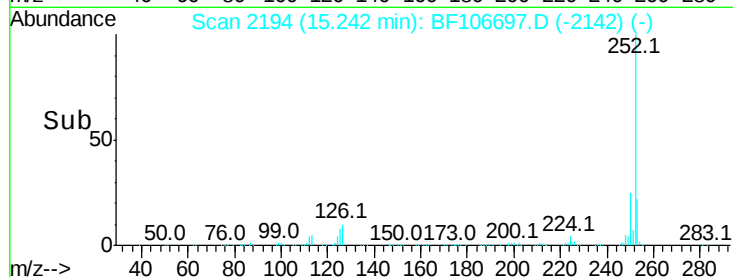
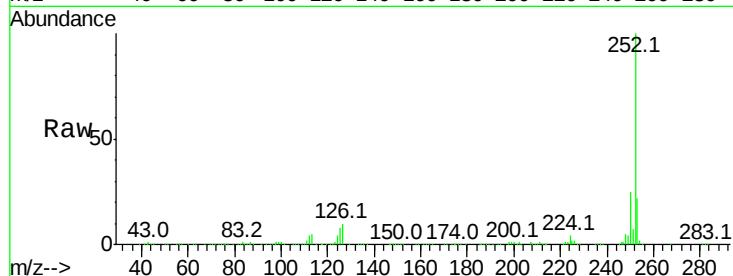
#87
Benzo(b)fluoranthene
Concen: 38.555 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	7.9	9.0	13.6#

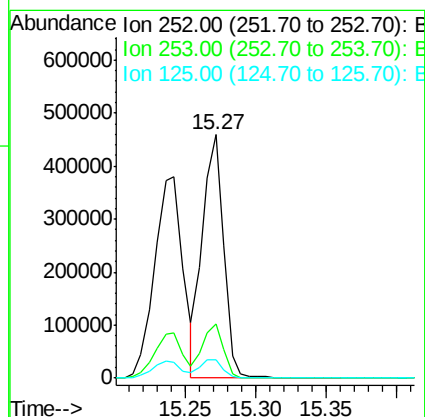
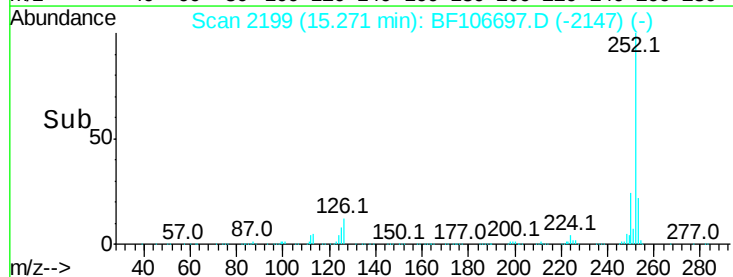
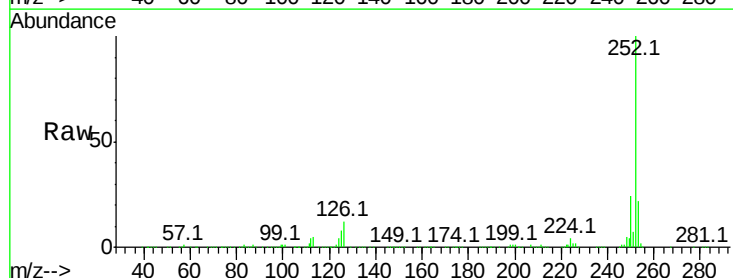
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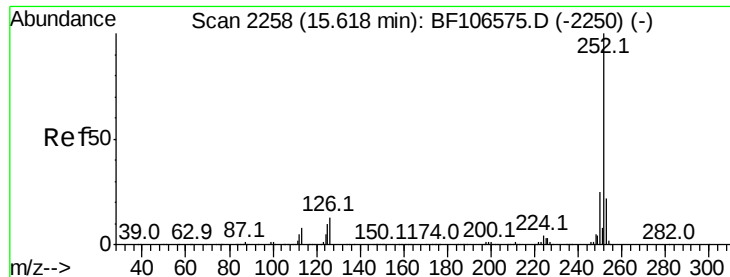
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#88
Benzo(k)fluoranthene
Concen: 36.397 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	7.7	10.2	15.2#





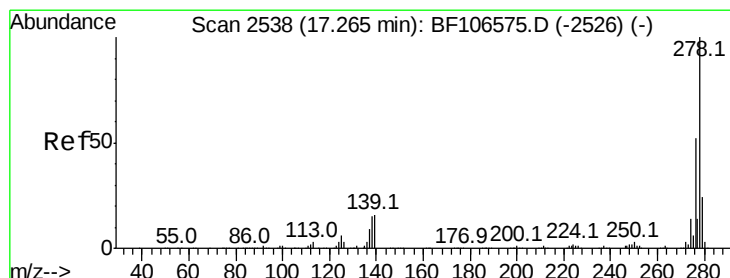
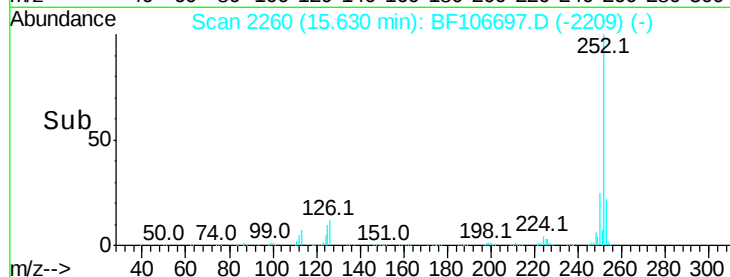
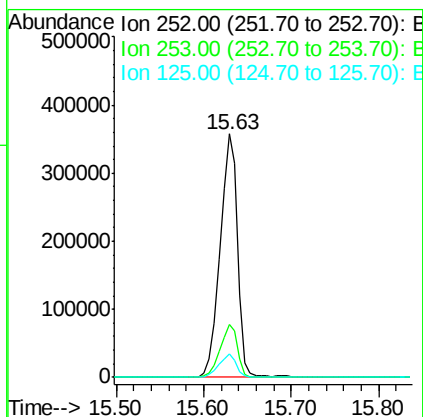
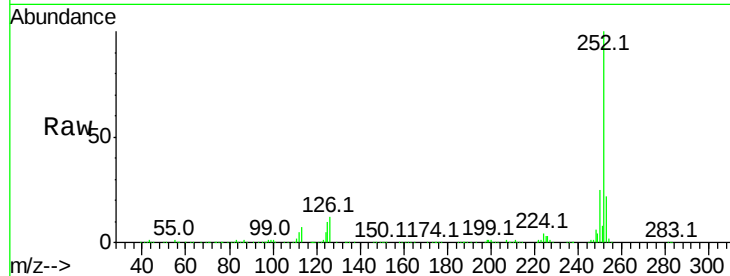
#89
Benzo(a)pyrene
Concen: 40.592 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Instrument :
BNA_F
ClientSampleId :
PB110463BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	9.7	9.8	14.6

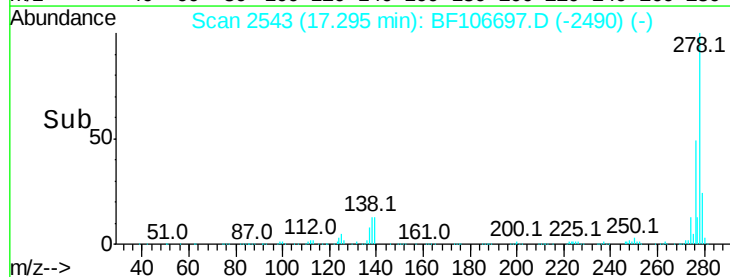
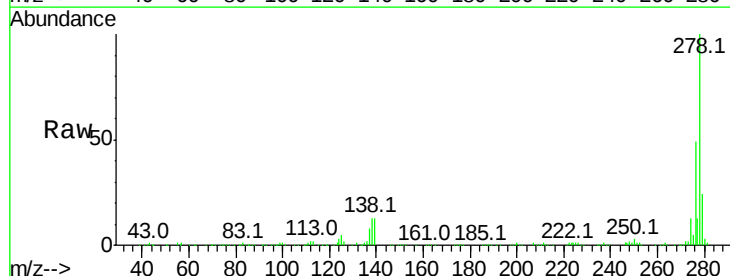
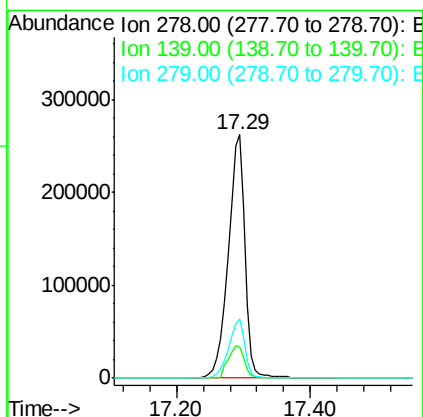
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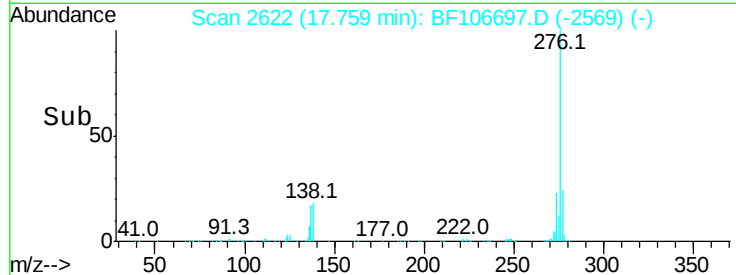
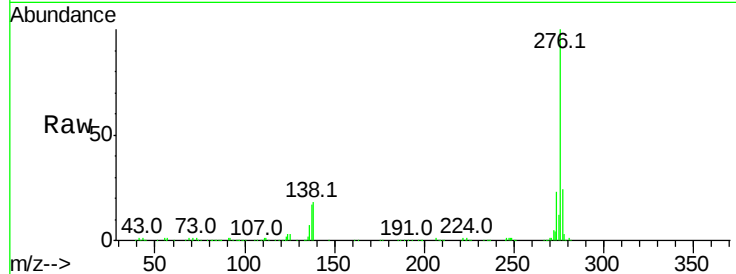
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#90
Dibenzo(a,h)anthracene
Concen: 44.819 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.01 min
Lab File: BF106697.D
Acq: 22 Jun 2018 9:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.0	15.9	23.9
279	24.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.055 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.01 min
 Lab File: BF106697.D
 Acq: 22 Jun 2018 9:59

Instrument :
 BNA_F
 ClientSampleId :
 PB110463BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	18.4	21.8	32.8

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