

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
 Data File : BF106652.D
 Acq On : 21 Jun 2018 10:58
 Operator : JU/SJ
 Sample : PB110418BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Manual Integrations
 APPROVED

Sohil
 6/22/2018 10:22:56 AM

Quant Time: Jun 21 14:10:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	87454	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	342857	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	193723	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	420921	20.00	ng	0.00
75) Chrysene-d12	14.18	240	343260	20.00	ng	0.02
86) Perylene-d12	15.74	264	289790	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	608287	117.78	ng	0.01
7) Phenol-d6	6.61	99	781876	121.23	ng	0.00
23) Nitrobenzene-d5	7.53	82	534719	86.67	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	318035	141.64	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	997223	87.58	ng	0.00
78) Terphenyl-d14	13.08	244	1329327	93.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	83988	31.631	ng	97
3) Pyridine	3.64	79	253741	35.237	ng	98
4) n-Nitrosodimethylamine	3.60	42	109065	35.660	ng	89
6) Aniline	6.63	93	277419	31.709	ng	# 70
8) 2-Chlorophenol	6.76	128	234298	41.361	ng	97
9) Benzaldehyde	6.51	77	119254	24.427	ng	99
10) Phenol	6.62	94	282988	38.446	ng	# 72
11) bis(2-Chloroethyl)ether	6.70	93	238623	39.270	ng	98
12) 1,3-Dichlorobenzene	6.90	146	265891	40.076	ng	98
13) 1,4-Dichlorobenzene	6.98	146	267689	39.908	ng	99
14) 1,2-Dichlorobenzene	7.13	146	249857	40.645	ng	98
15) Benzyl Alcohol	7.11	79	212316	40.997	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	343805	43.123	ng	63
17) 2-Methylphenol	7.22	107	204718	42.230	ng	# 91
18) Hexachloroethane	7.47	117	93838	39.782	ng	# 88
19) n-Nitroso-di-n-propylamine	7.37	70	162573	38.240	ng	95
20) 3+4-Methylphenols	7.38	107	249759	48.918	ng	88
22) Acetophenone	7.37	105	316886	41.312	ng	# 95
24) Nitrobenzene	7.55	77	263807	41.883	ng	99
25) Isophorone	7.78	82	494241	45.462	ng	100
26) 2-Nitrophenol	7.86	139	136687	45.969	ng	97
27) 2,4-Dimethylphenol	7.90	122	223423	48.614	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	314478	43.083	ng	99
29) 2,4-Dichlorophenol	8.11	162	222986	46.343	ng	97
30) 1,2,4-Trichlorobenzene	8.18	180	235671	44.462	ng	98
31) Naphthalene	8.27	128	683275	42.626	ng	99
32) Benzoic acid	8.03	122	114412	35.869	ng	97
33) 4-Chloroaniline	8.31	127	166083	24.693	ng	97
34) Hexachlorobutadiene	8.38	225	154837	44.831	ng	99
35) Caprolactam	8.70	113	73401m	46.799	ng	
36) 4-Chloro-3-methylphenol	8.81	107	243741	48.127	ng	96
37) 2-Methylnaphthalene	8.96	142	519820	48.925	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	268056	41.088	ng	97
40) Hexachlorocyclopentadiene	9.11	237	316967	94.432	ng	98

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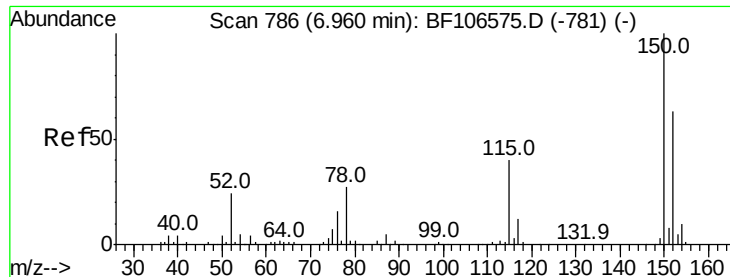
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	176097	40.607	nq	93
43) 2,4,5-Trichlorophenol	9.29	196	185968	41.097	nq	91
45) 1,1'-Biphenyl	9.42	154	622898	40.346	nq	98
46) 2-Chloronaphthalene	9.45	162	469550	38.638	nq	95
47) 2-Nitroaniline	9.55	65	162201	39.692	nq	89
48) Acenaphthylene	9.87	152	754362	39.318	nq	98
49) Dimethylphthalate	9.72	163	597034	41.091	nq	99
50) 2,6-Dinitrotoluene	9.79	165	140997	45.828	nq	95
51) Acenaphthene	10.04	154	460860	38.145	nq	99
52) 3-Nitroaniline	9.97	138	99185	28.015	nq	93
53) 2,4-Dinitrophenol	10.07	184	156565	96.679	nq #	21
54) Dibenzofuran	10.21	168	715162	43.228	nq	99
55) 4-Nitrophenol	10.15	139	184994	74.858	nq	96
56) 2,4-Dinitrotoluene	10.20	165	192563	47.950	nq #	83
57) Fluorene	10.56	166	563357	42.912	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	175607	48.819	nq #	80
59) Diethylphthalate	10.42	149	582536	41.540	nq #	92
60) 4-Chlorophenyl-phenylether	10.54	204	296031	43.097	nq	89
61) 4-Nitroaniline	10.59	138	152990	43.541	nq	97
62) Azobenzene	10.71	77	565083	40.920	nq	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	119565	45.953	nq #	66
65) n-Nitrosodiphenylamine	10.67	169	512512	36.200	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	215350	42.869	nq #	81
67) Hexachlorobenzene	11.11	284	224974	42.789	nq #	82
68) Atrazine	11.20	200	195408	43.416	nq	94
69) Pentachlorophenol	11.31	266	197753	75.380	nq	99
70) Phenanthrene	11.52	178	858329	42.278	nq	99
71) Anthracene	11.58	178	895783	43.228	nq	99
72) Carbazole	11.74	167	801567	41.316	nq	97
73) Di-n-butylphthalate	12.05	149	918251	40.175	nq	99
74) Fluoranthene	12.72	202	972427	43.457	nq	96
76) Benzidine	12.84	184	467445	47.816	nq	98
77) Pyrene	12.95	202	978150	43.213	nq	98
79) Butylbenzylphthalate	13.56	149	396697	42.625	nq #	96
80) Benzo(a)anthracene	14.17	228	916301	43.799	nq	99
81) 3,3'-Dichlorobenzidine	14.12	252	156391	21.270	nq #	97
82) Chrysene	14.21	228	835762	43.423	nq	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	540754	45.448	nq #	97
84) Di-n-octyl phthalate	14.79	149	820296	42.295	nq	96
85) Indeno(1,2,3-cd)pyrene	17.33	276	762586	46.689	nq #	91
87) Benzo(b)fluoranthene	15.29	252	740260m	41.122	nq	
88) Benzo(k)fluoranthene	15.32	252	717670	41.864	nq #	97
89) Benzo(a)pyrene	15.68	252	704745	44.038	nq #	96
90) Dibenzo(a,h)anthracene	17.35	278	628450	46.338	nq #	94
91) Benzo(g,h,i)perylene	17.81	276	642295	48.453	nq #	91

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



#1

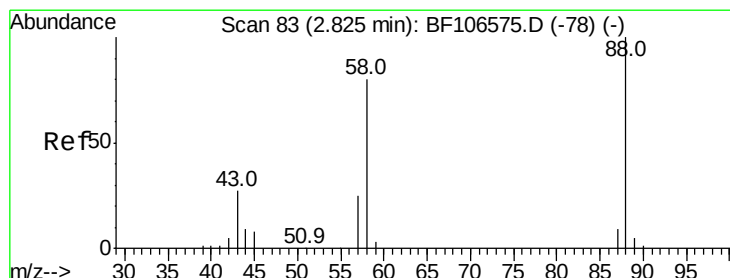
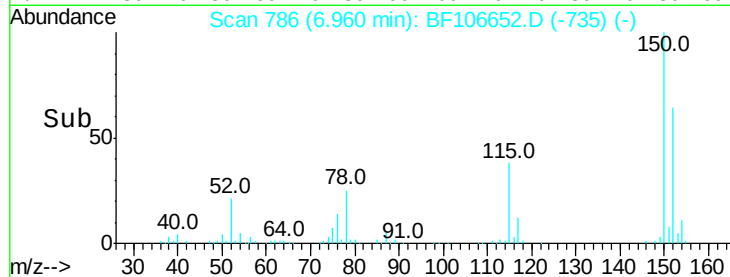
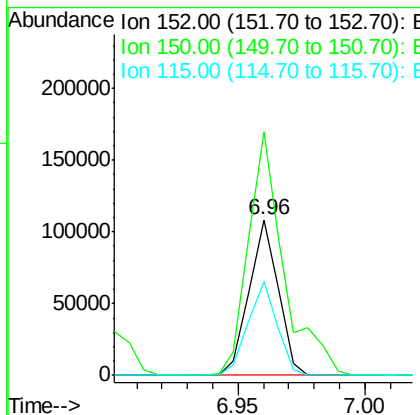
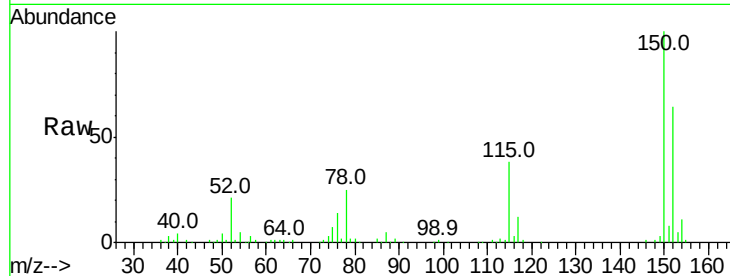
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.1	50.1	75.1

Manual Integrations
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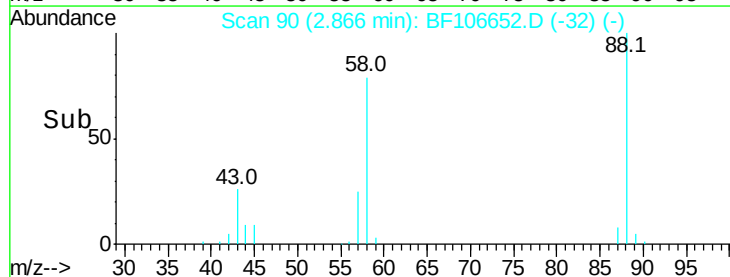
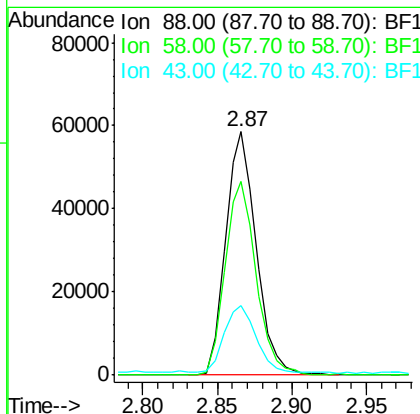
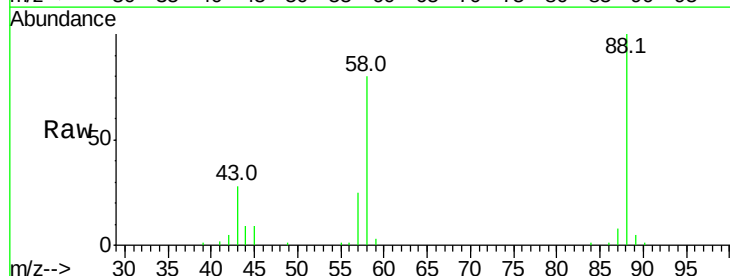
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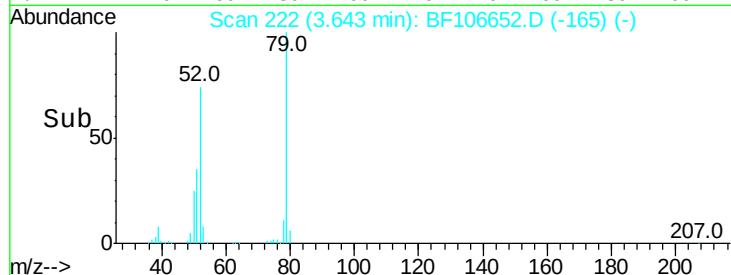
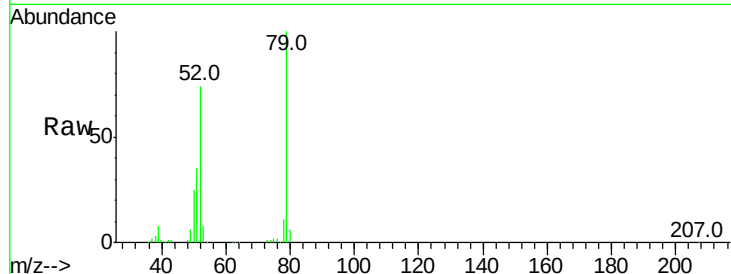
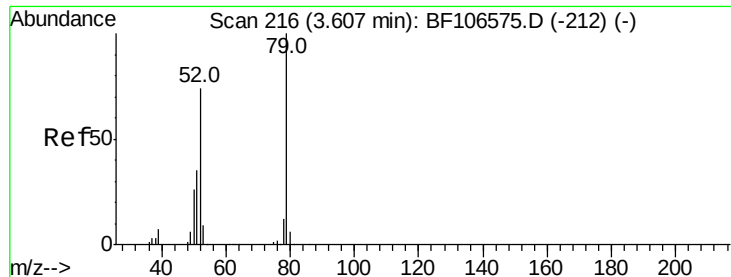


#2

1,4-Dioxane
Concen: 31.631 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.04 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.0	62.6	93.8
43	28.9	24.6	37.0





#3

Pvridine

Concen: 35.237 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF106652.D

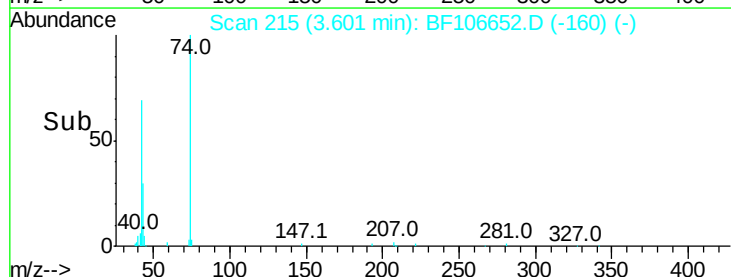
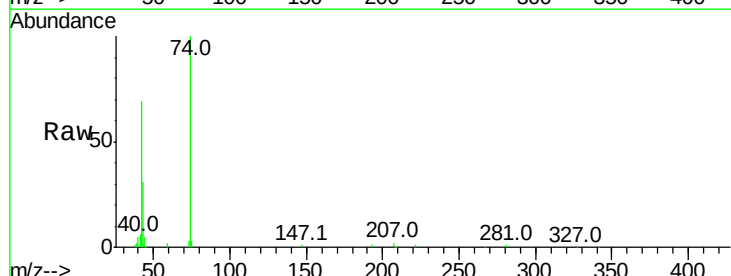
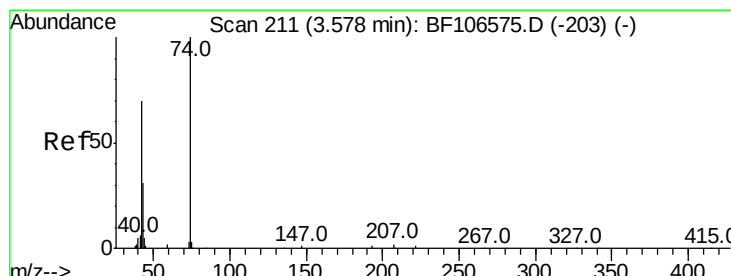
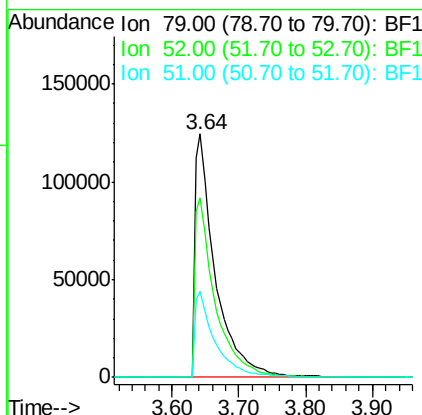
Acq: 21 Jun 2018 10:58

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		253741		
52	74.0	59.8		89.6	
51	35.4	29.8		44.8	

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.660 ng

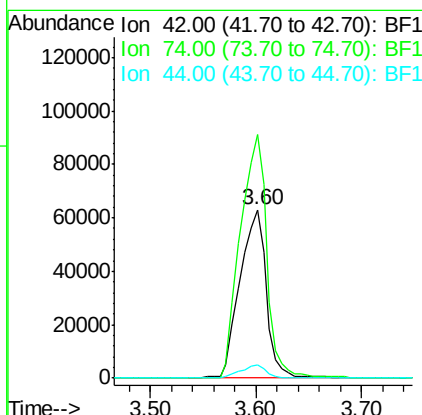
RT: 3.60 min Scan# 215

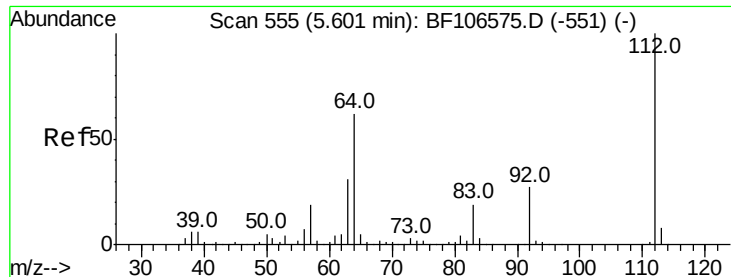
Delta R.T. 0.02 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		109065		
74	144.4	104.9		157.3	
44	7.6	6.9		10.3	





#5

2-Fluorophenol

Concen: 117.779 ng

RT: 5.61 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

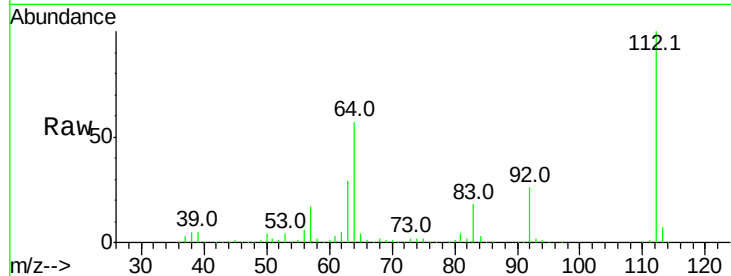
ClientSampleId :

PB110418BS

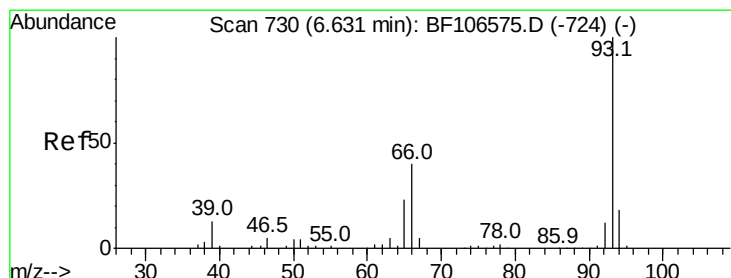
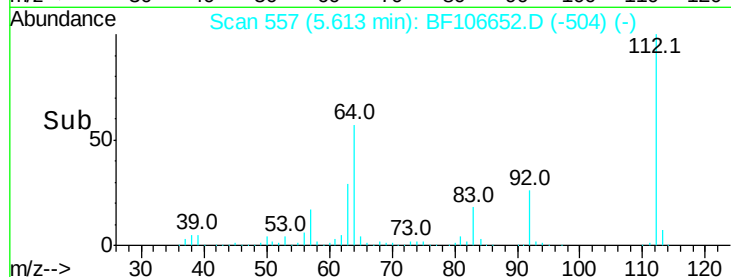
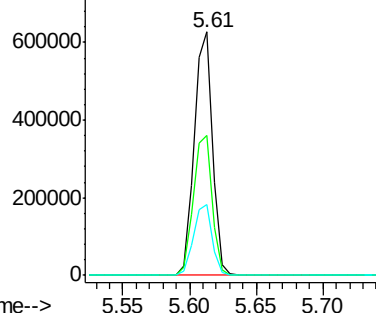
Tot Ion:	112	Resp:	608287
Ion Ratio	Lower	Upper	
112	100		
64	57.2	47.9	71.9
63	28.9	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.709 ng

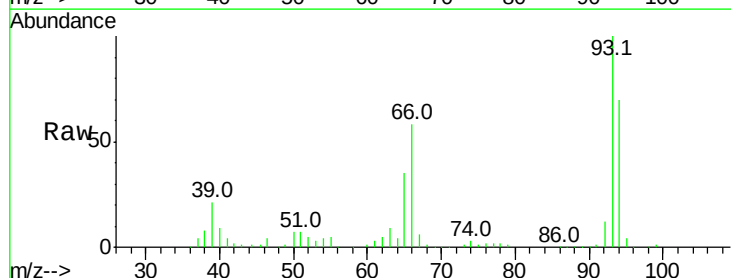
RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

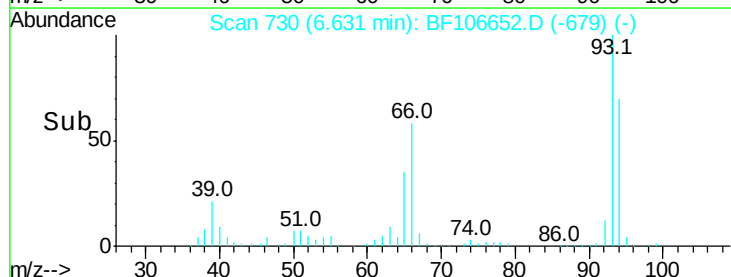
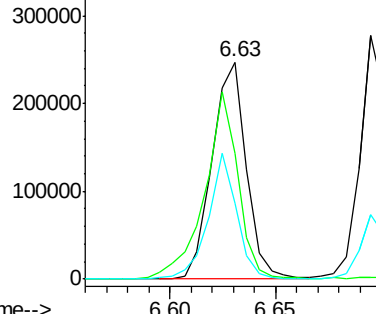
Lab File: BF106652.D

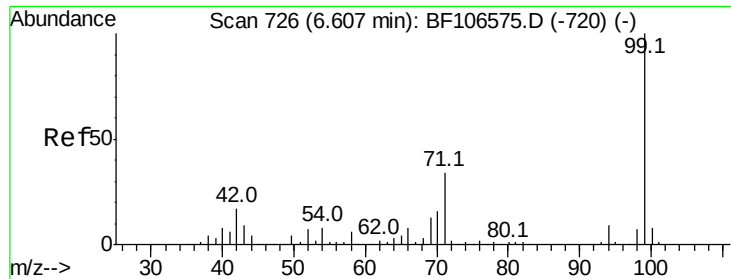
Acq: 21 Jun 2018 10:58

Tgt Ion:	93	Resp:	277419
Ion Ratio	Lower	Upper	
93	100		
66	58.3	32.2	48.2#
65	35.1	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.228 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

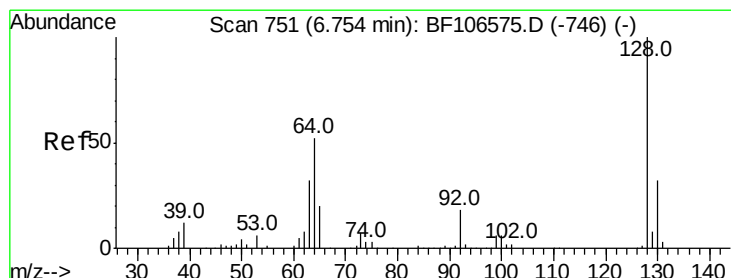
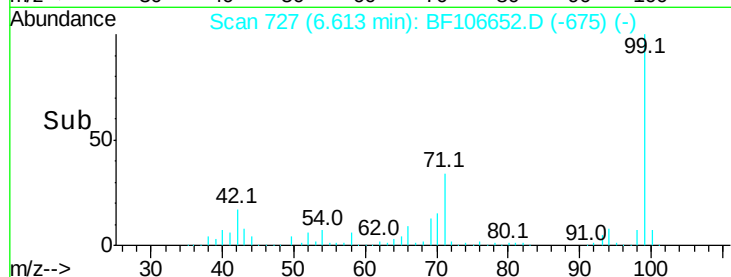
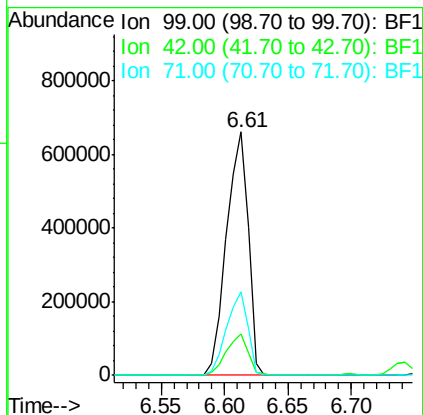
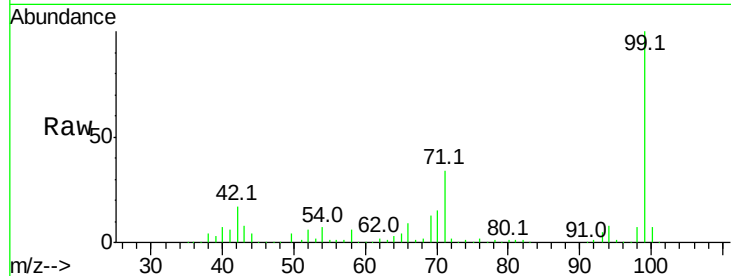
ClientSampled :

PB110418BS

Tot Ion:	99	Resp:	781876
Ion Ratio	Lower	Upper	
99	100		
42	17.1	14.5	21.7
71	34.4	25.4	38.0

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#8

2-Chlorophenol

Concen: 41.361 ng

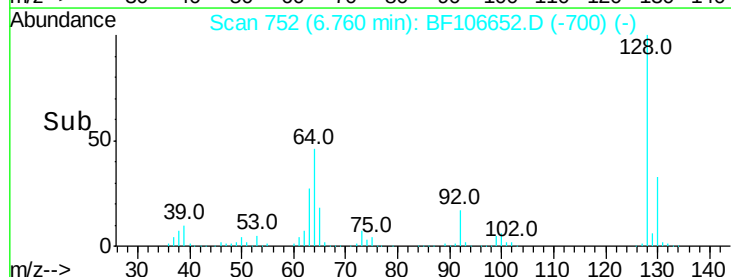
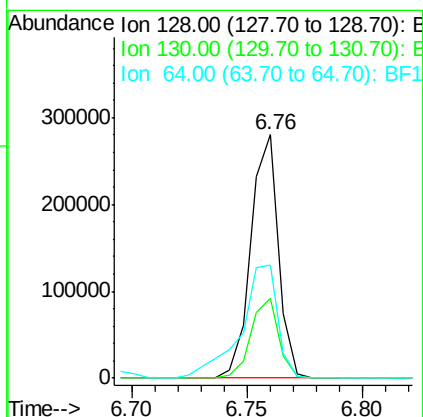
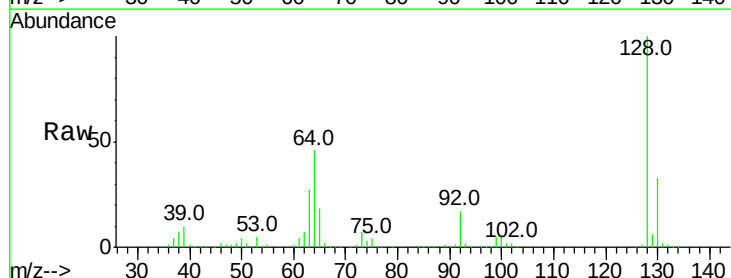
RT: 6.76 min Scan# 752

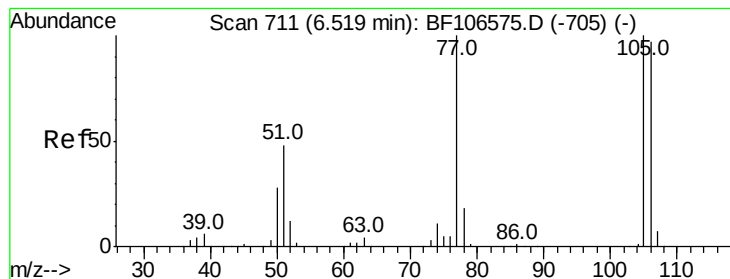
Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion:	128	Resp:	234298
Ion Ratio	Lower	Upper	
128	100		
130	32.8	13.0	53.0
64	46.5	29.4	69.4





#9

Benzaldehyde

Concen: 24.427 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

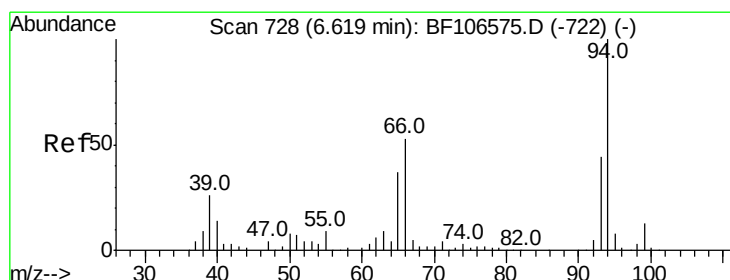
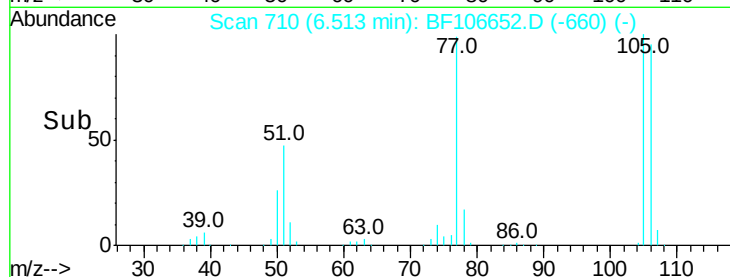
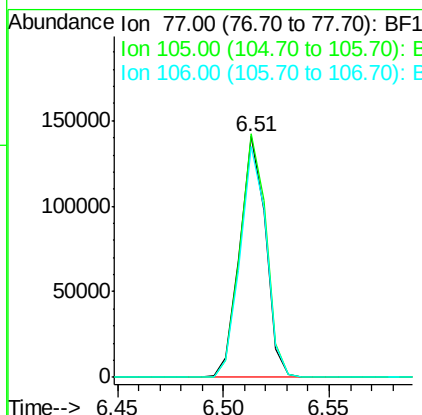
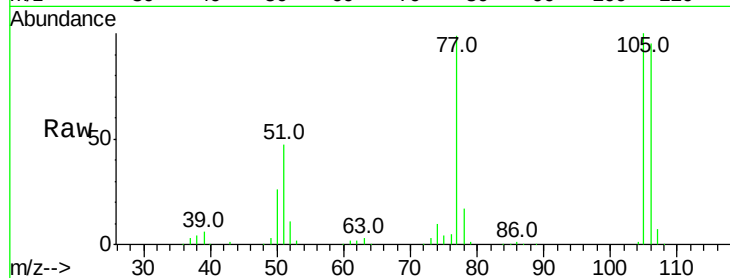
ClientSampleId :

PB110418BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.1	81.1	121.1
106	95.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 38.446 ng

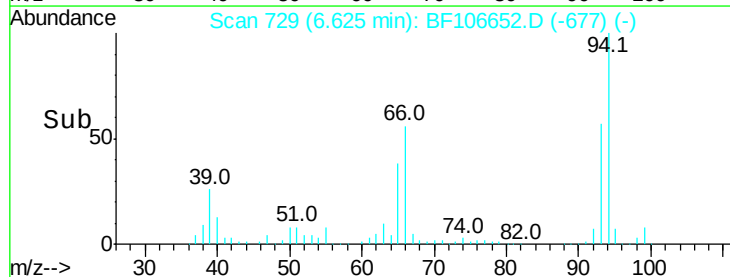
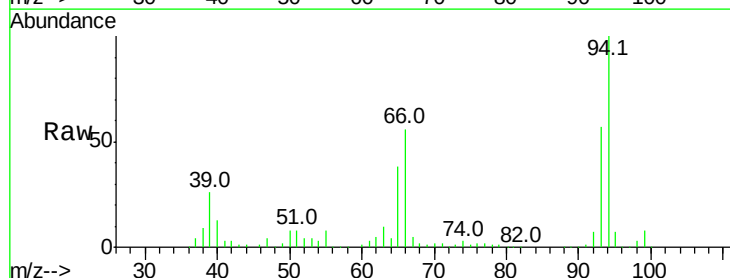
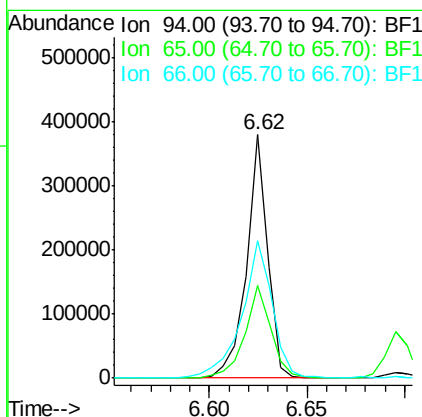
RT: 6.62 min Scan# 729

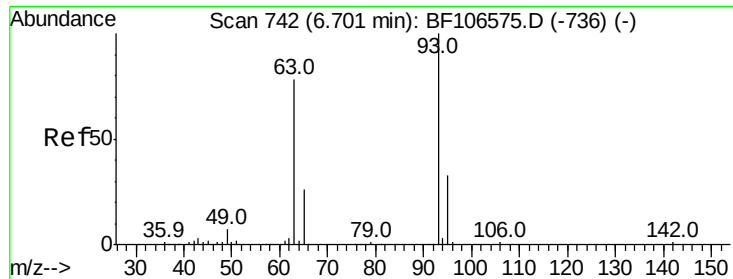
Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.9	7.9	47.9
66	56.4	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.270 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

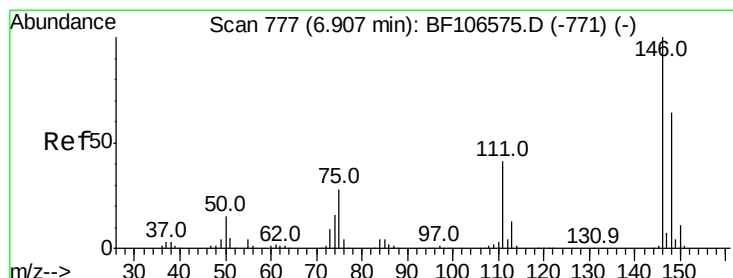
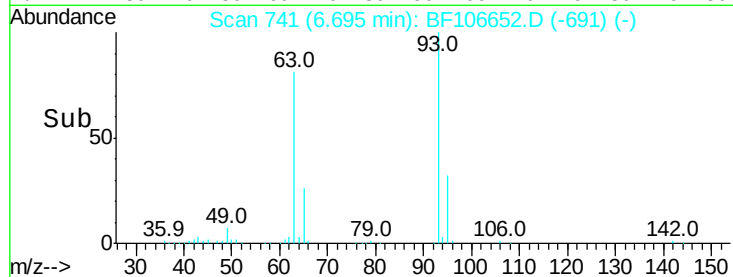
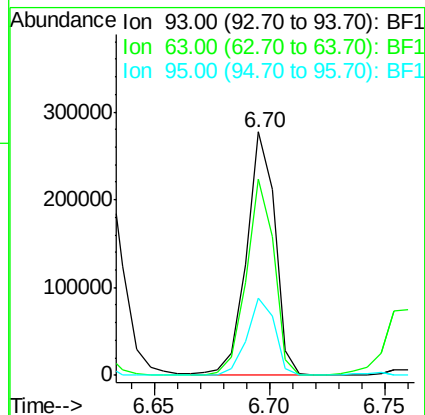
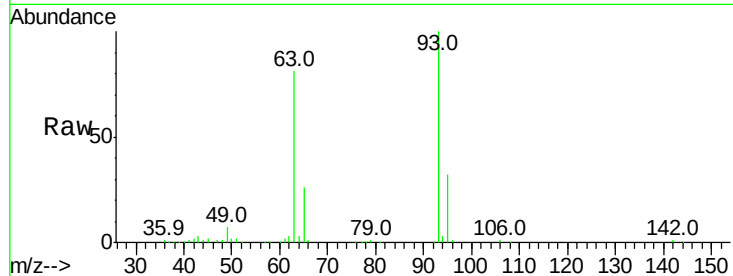
ClientSampleId :

PB110418BS

Tot Ion:	93	Resp:	238623
Ion Ratio	Lower	Upper	
93	100		
63	80.6	58.6	98.6
95	31.8	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 40.076 ng

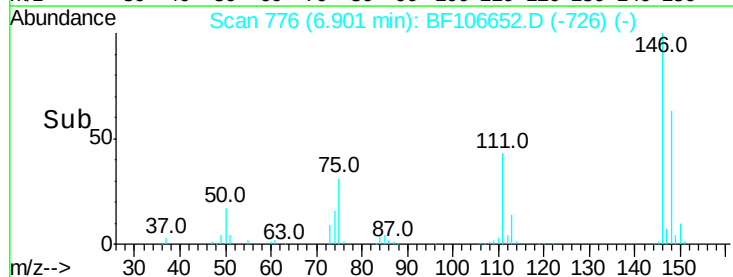
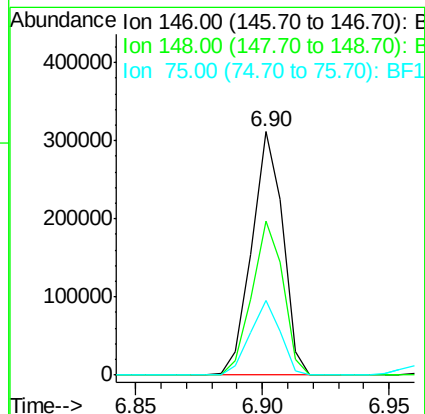
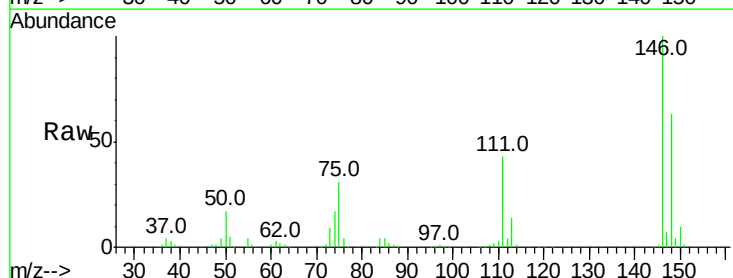
RT: 6.90 min Scan# 776

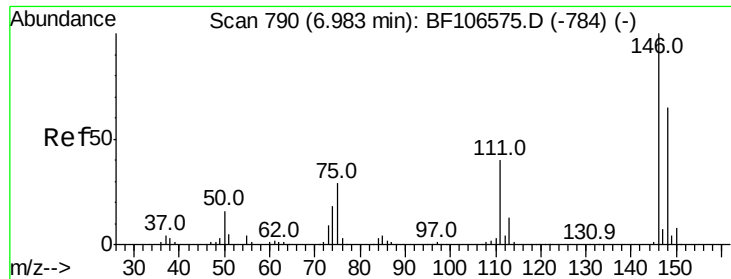
Delta R.T. -0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion:	146	Resp:	265891
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.8	77.8
75	30.8	24.2	36.4





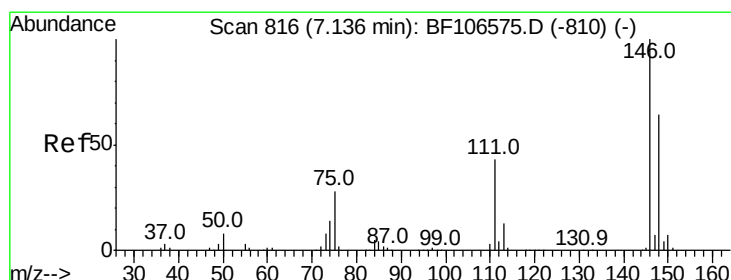
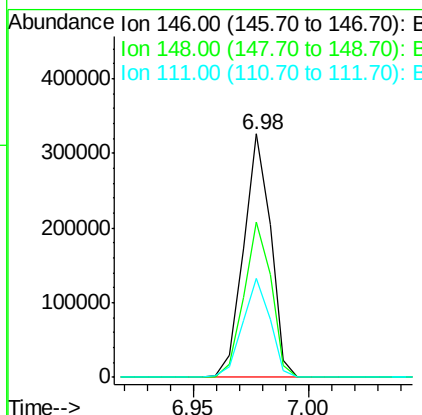
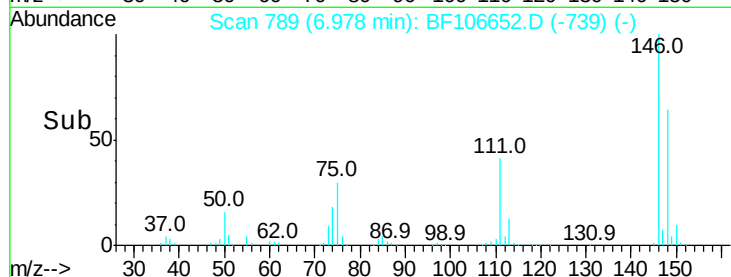
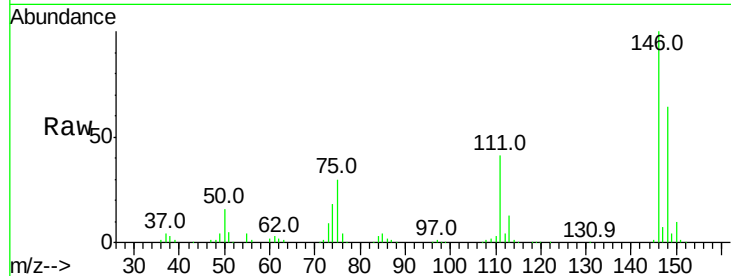
#13
 1,4-Dichlorobenzene
 Concen: 39.908 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	40.9	34.2	51.2

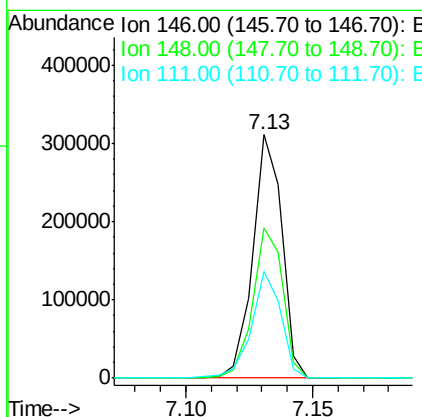
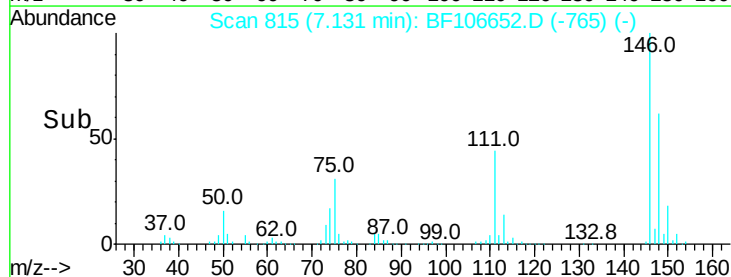
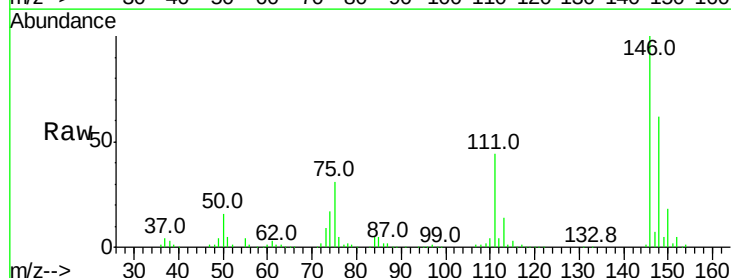
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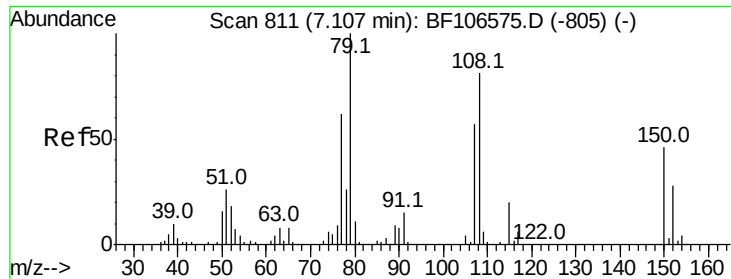
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#14
 1,2-Dichlorobenzene
 Concen: 40.645 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.6	75.8
111	43.9	36.0	54.0





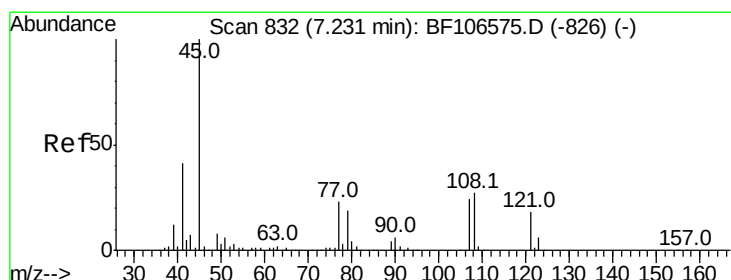
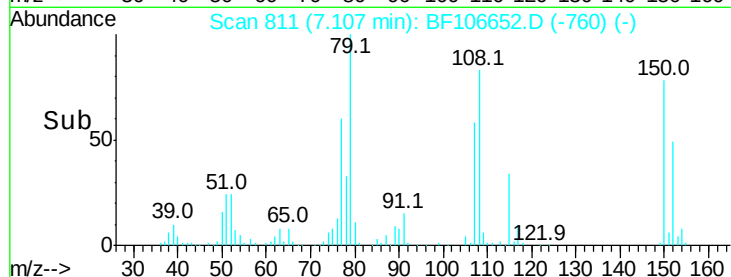
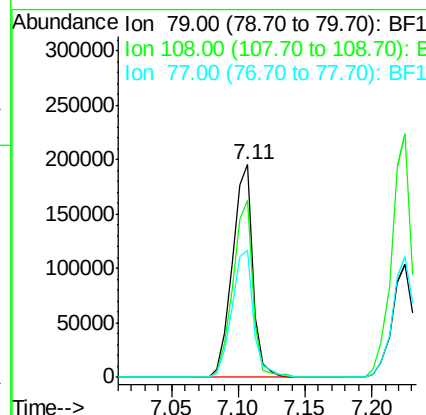
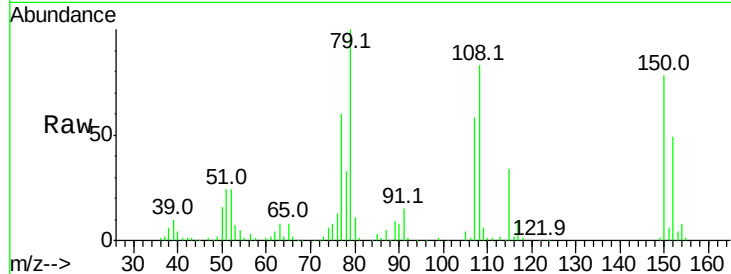
#15
Benzyl Alcohol
Concen: 40.997 ng
RT: 7.11 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampled :
PB110418BS

Tot Ion	79	108	77
Ratio	100	83.3	60.2
Lower		65.1	50.6
Upper		97.7	75.8

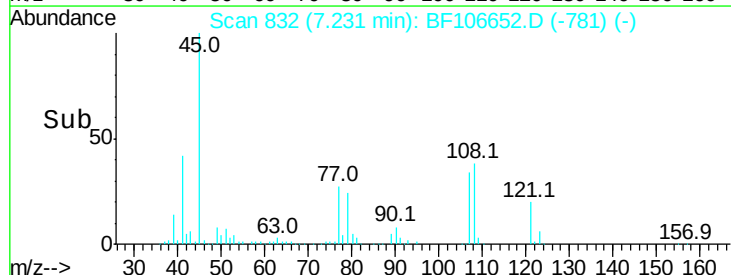
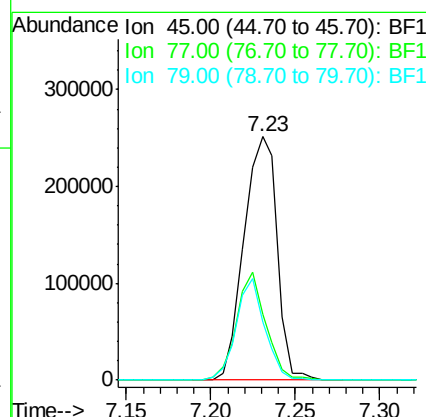
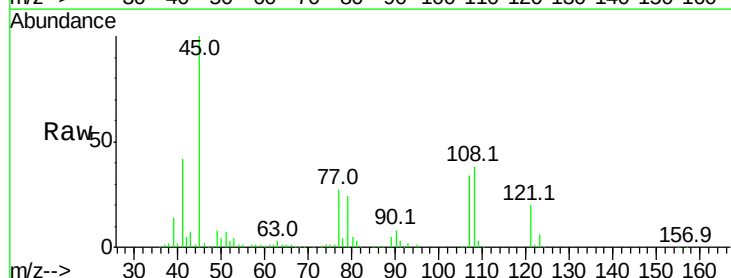
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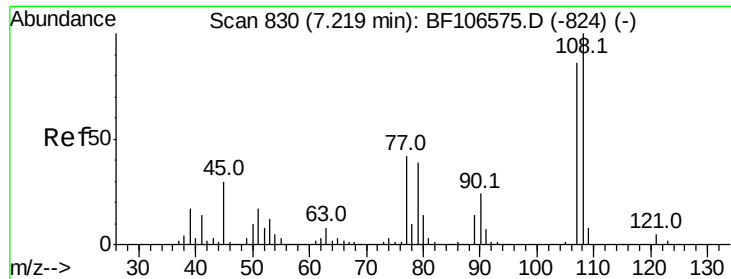
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.123 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion	45	77	79
Ratio	100	27.1	23.6
Lower		0.0	0.0
Upper		32.9	29.6





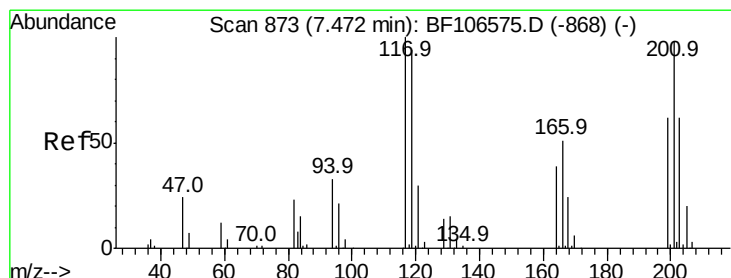
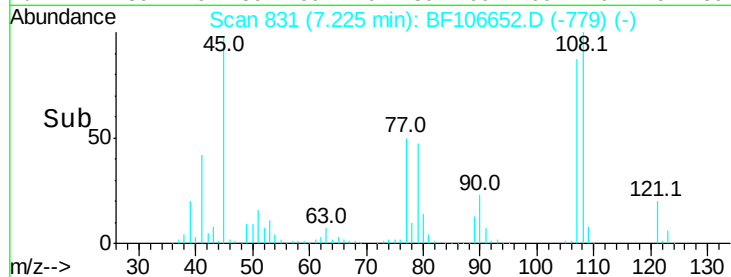
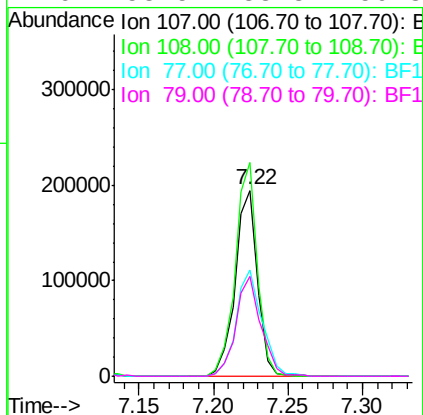
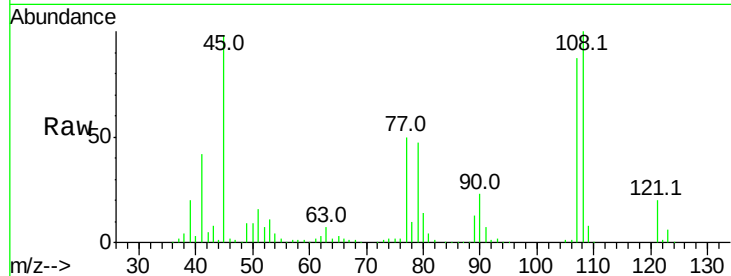
#17
2-Methylphenol
Concen: 42.230 ng
RT: 7.22 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.7	137.5
77	57.2	33.8	50.8#
79	53.5	33.8	50.8#

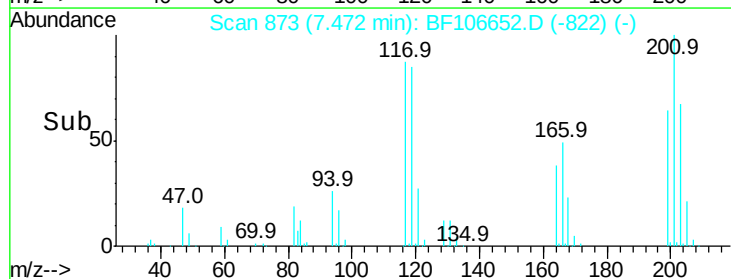
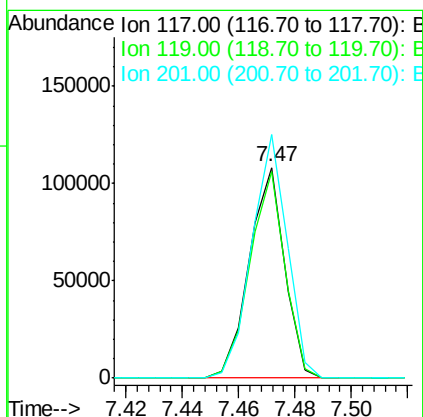
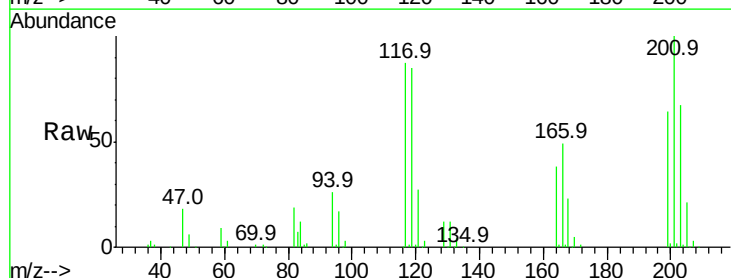
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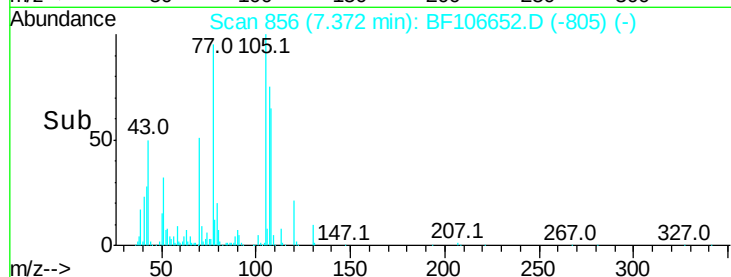
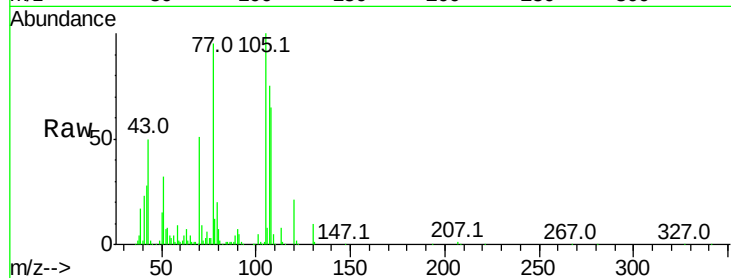
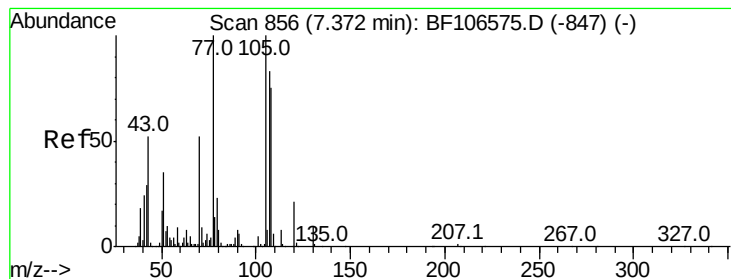
Sohil
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#18
Hexachloroethane
Concen: 39.782 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.8	113.8
201	115.5	75.7	113.5#





#19

n-Nitroso-di-n-propylamine

Concen: 38.240 ng

RT: 7.37 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

Tot Ion: 70 Resp: 162573

Ion Ratio Lower Upper

70 100

42 54.7 47.5 71.3

101 9.9 7.4 11.2

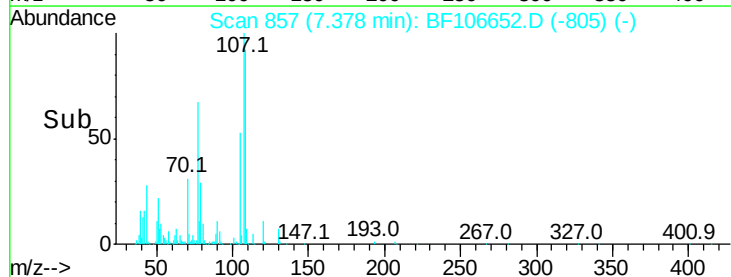
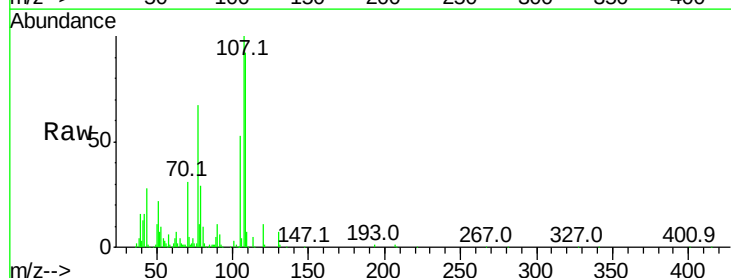
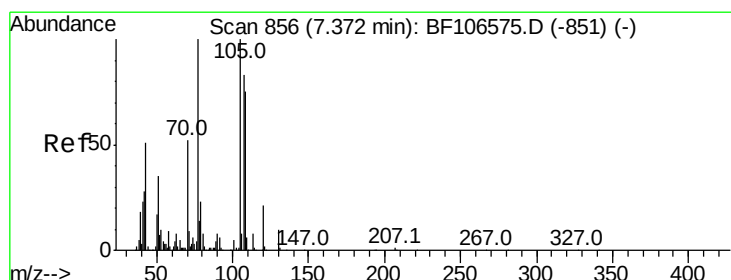
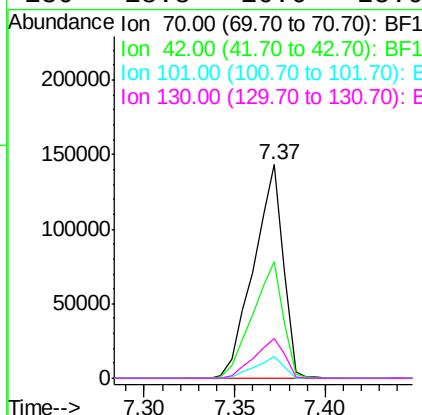
130 18.8 16.6 25.0

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#20

3+4-Methylphenols

Concen: 48.918 ng

RT: 7.38 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion: 107 Resp: 249759

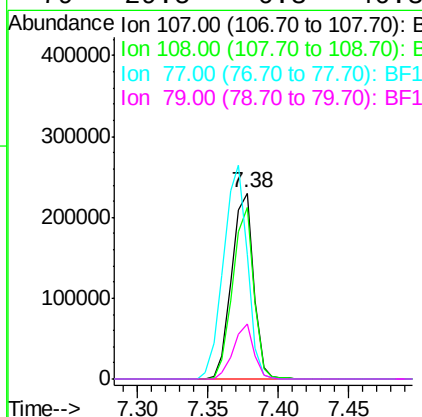
Ion Ratio Lower Upper

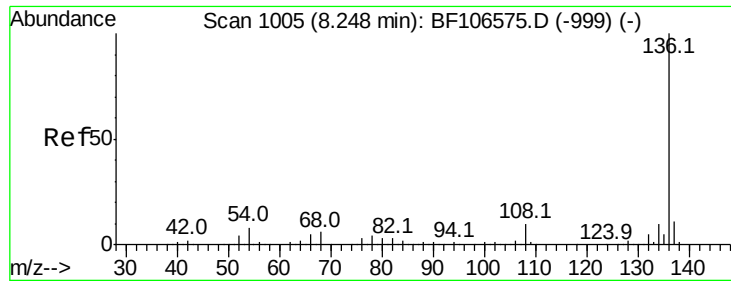
107 100

108 92.3 68.2 108.2

77 66.6 26.7 66.7

79 29.5 6.3 46.3





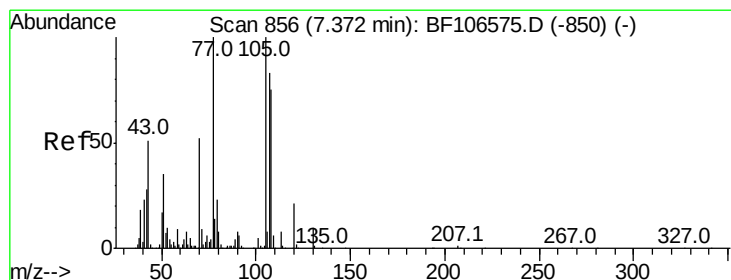
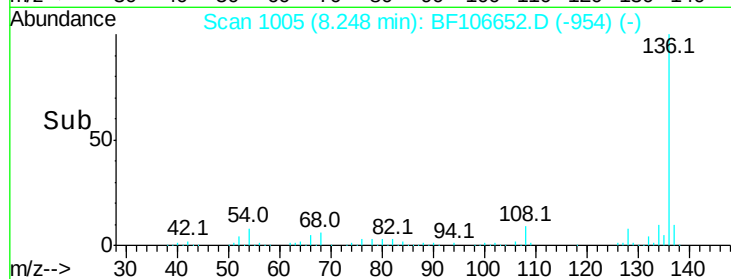
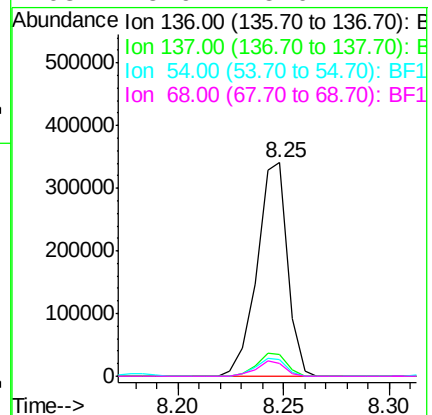
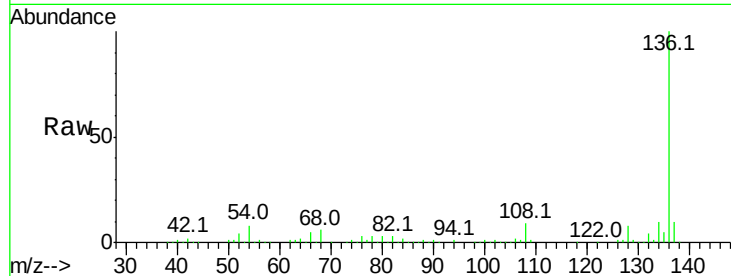
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.3	8.9	13.3	
54	7.8	6.6	9.8	
68	5.9	5.0	7.4	

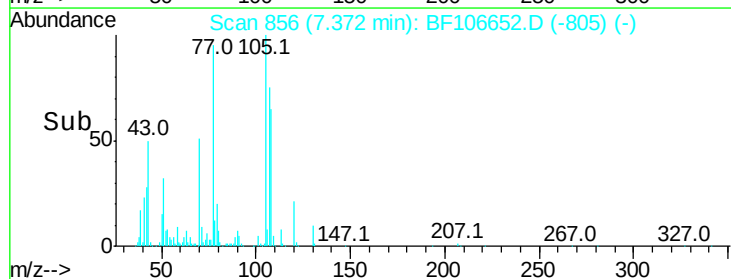
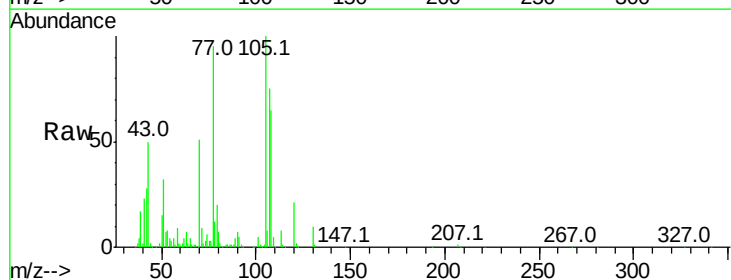
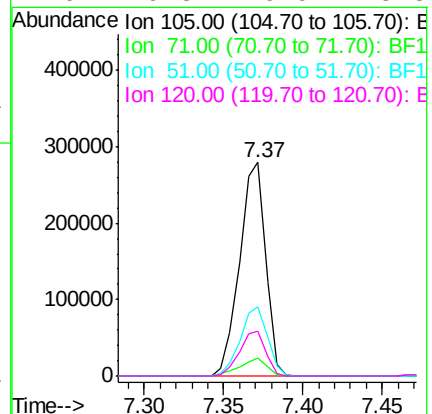
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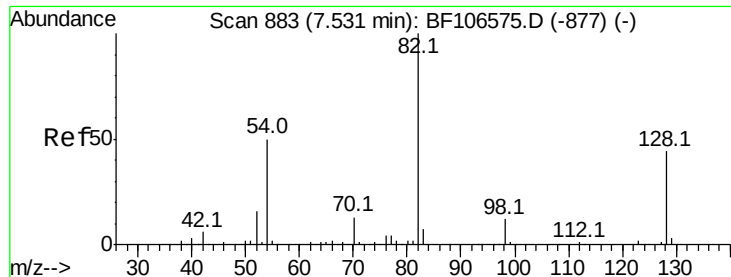
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#22
Acetophenone
Concen: 41.312 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.6	4.4	6.6#	
51	32.3	22.3	33.5	
120	20.8	16.9	25.3	





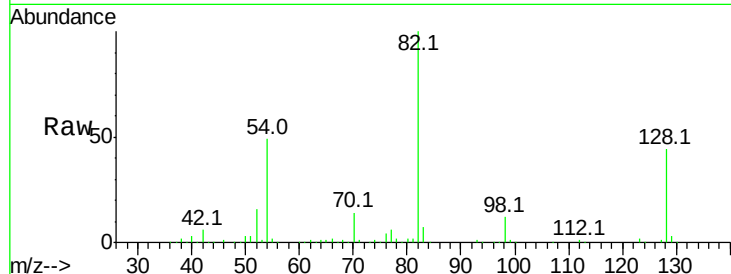
#23
 Nitrobenzene-d5
 Concen: 86.672 ng
 RT: 7.53 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

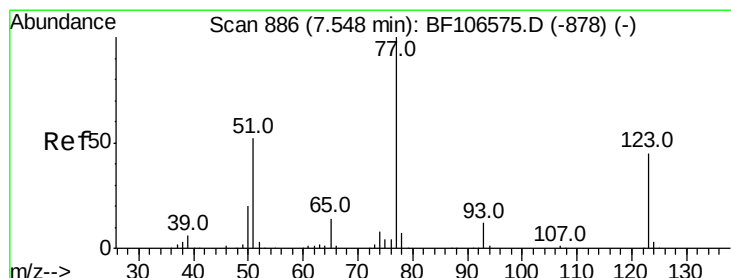
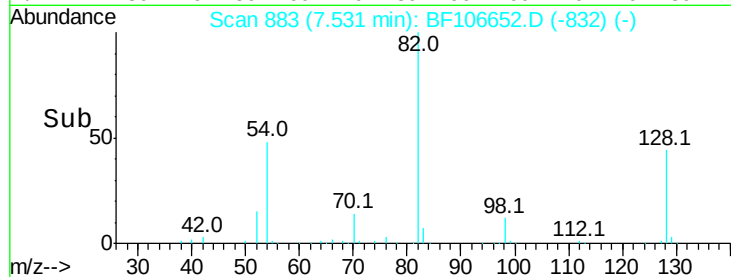
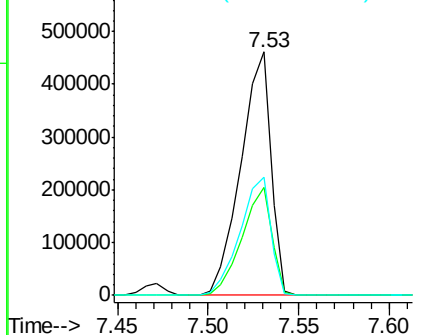
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.3	36.1	54.1	
54	48.6	41.4	62.2	

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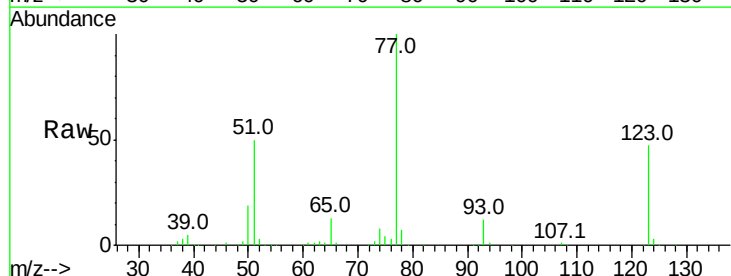


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

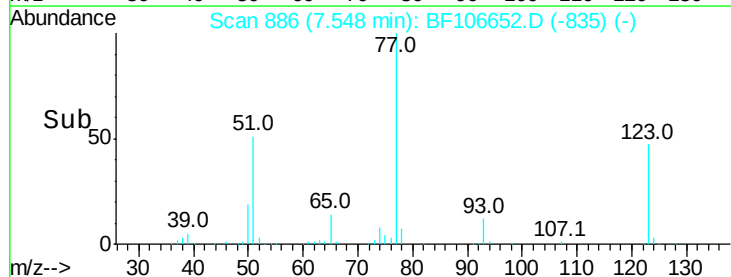
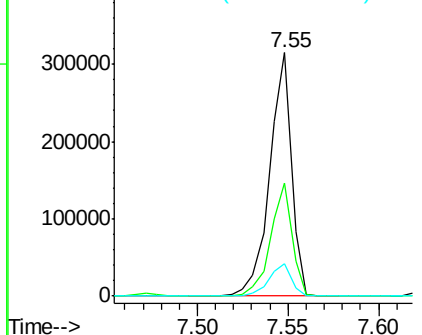


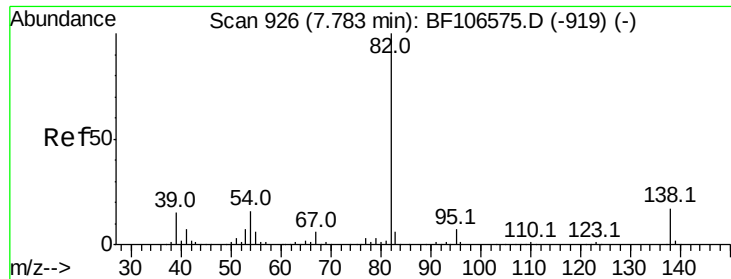
#24
 Nitrobenzene
 Concen: 41.883 ng
 RT: 7.55 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.6	37.9	56.9	
65	13.5	11.0	16.4	



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





#25

Isophorone

Concen: 45.462 ng

RT: 7.78 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

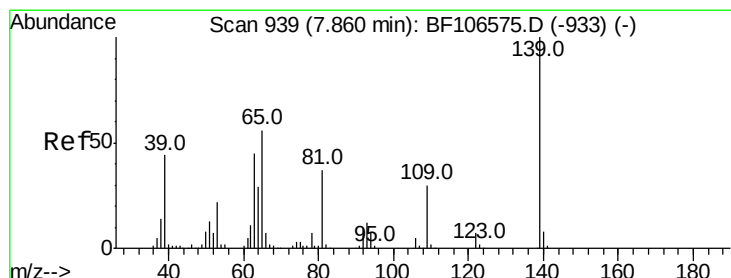
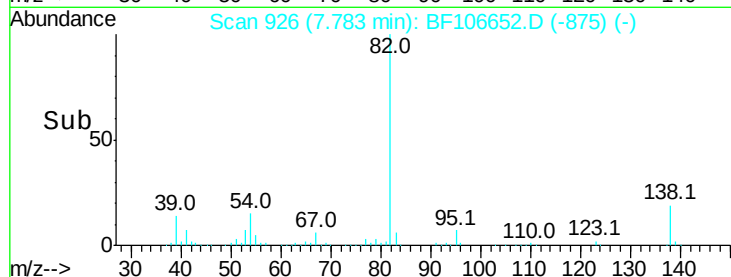
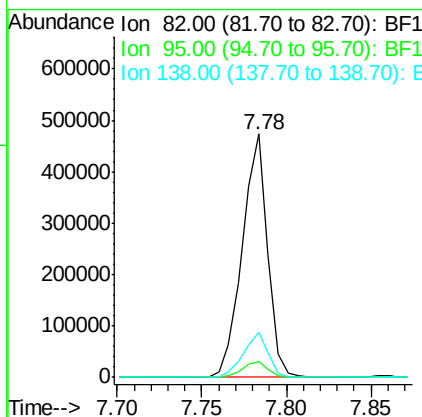
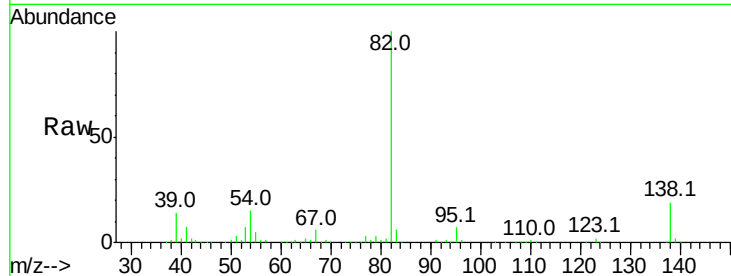
ClientSampleId :

PB110418BS

Tot Ion:	82	Resp:	494241
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	18.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 45.969 ng

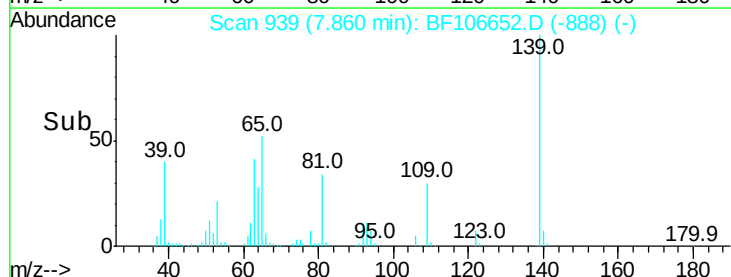
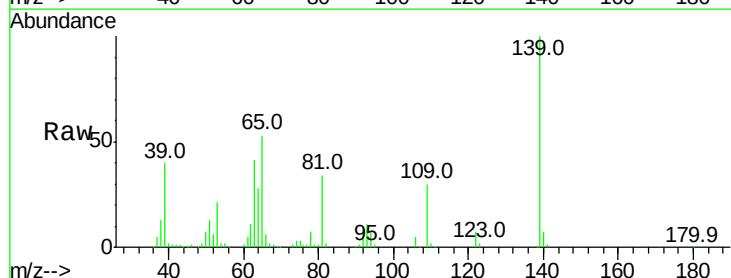
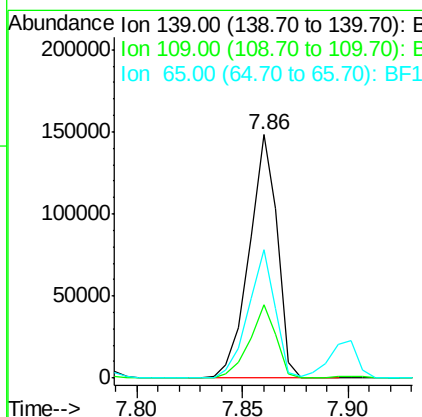
RT: 7.86 min Scan# 939

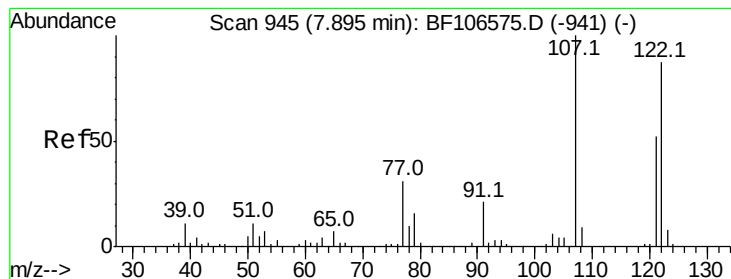
Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion:	139	Resp:	136687
Ion Ratio	Lower	Upper	
139	100		
109	30.0	22.7	34.1
65	52.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 48.614 ng

RT: 7.90 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

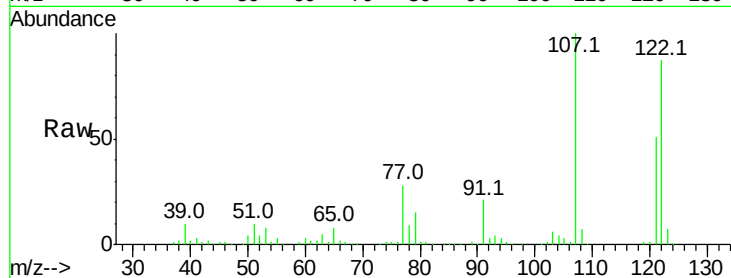
ClientSampleId :

PB110418BS

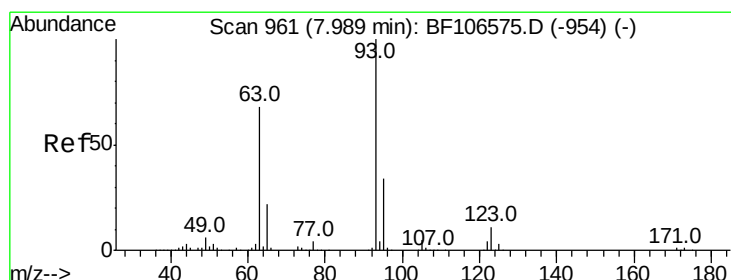
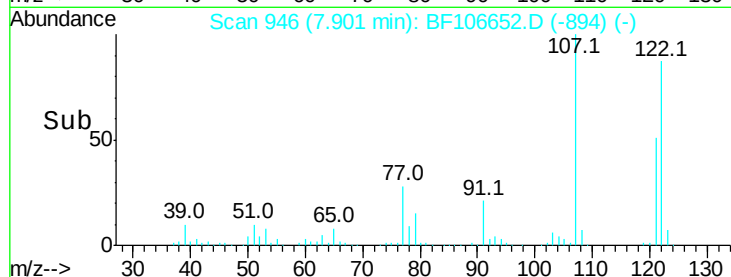
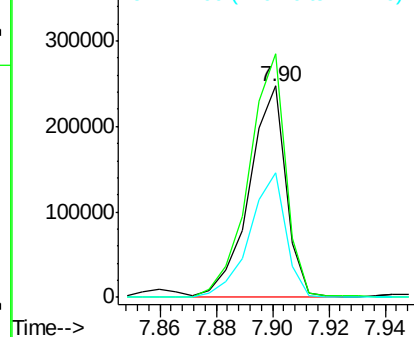
Tot Ion:	122	Resp:	223423
Ion Ratio	Lower	Upper	
122	100		
107	115.2	91.2	136.8
121	58.9	47.2	70.8

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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: 43.083 ng

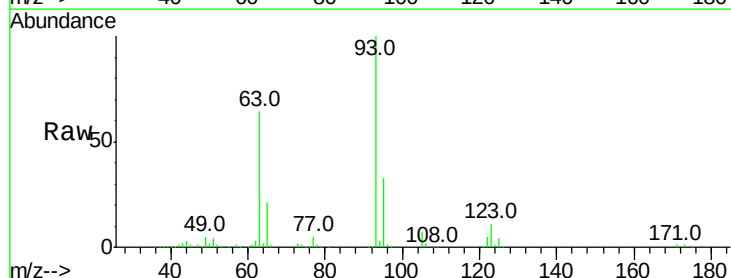
RT: 7.99 min Scan# 961

Delta R.T. 0.00 min

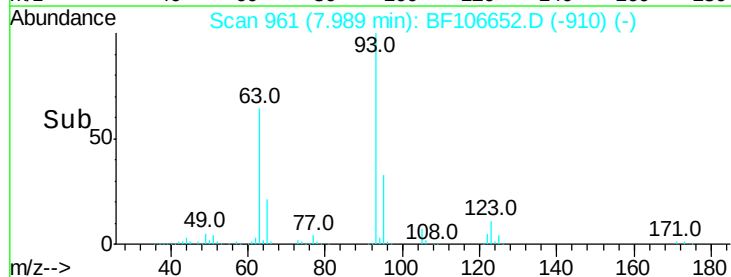
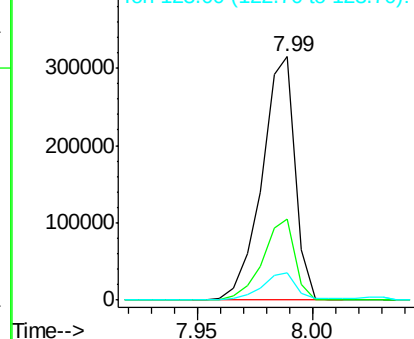
Lab File: BF106652.D

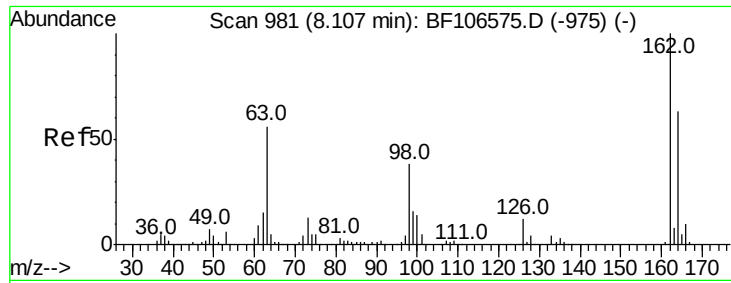
Acq: 21 Jun 2018 10:58

Tgt Ion:	93	Resp:	314478
Ion Ratio	Lower	Upper	
93	100		
95	33.2	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





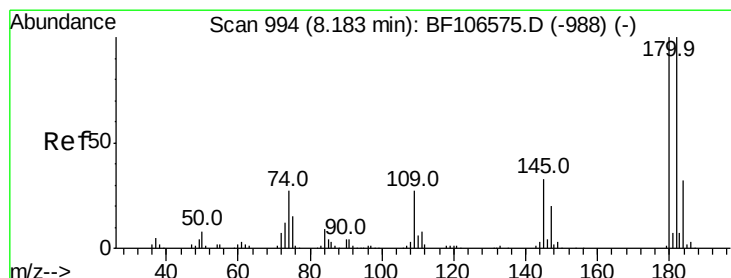
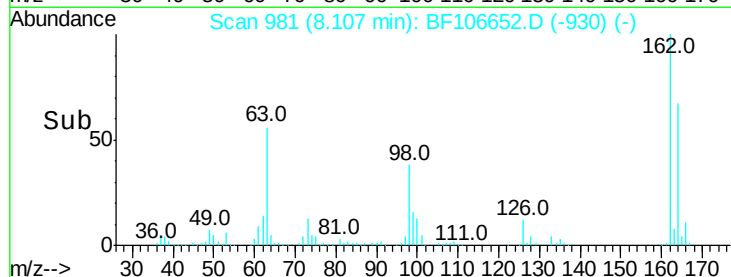
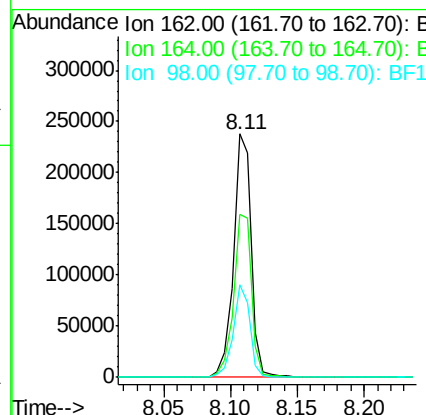
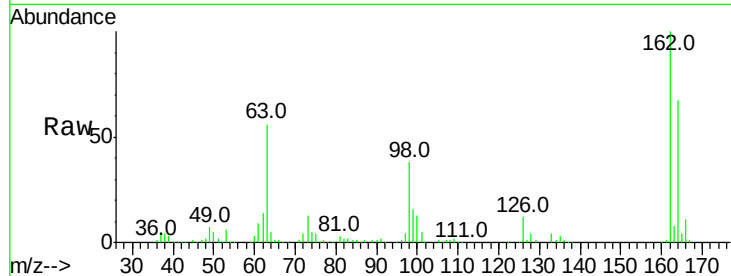
#29
 2,4-Dichlorophenol
 Concen: 46.343 ng
 RT: 8.11 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.9	42.7	82.7
98	38.1	18.1	58.1

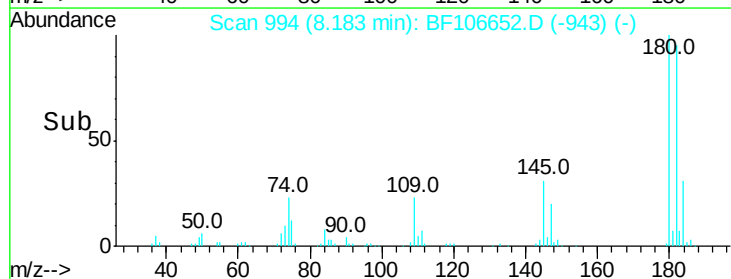
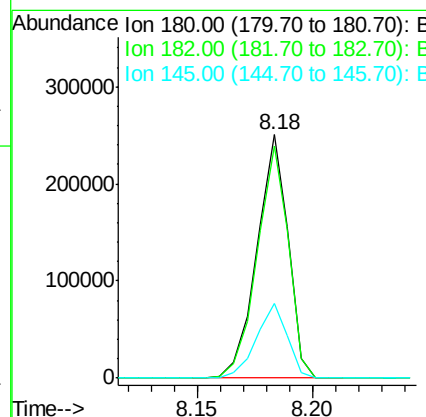
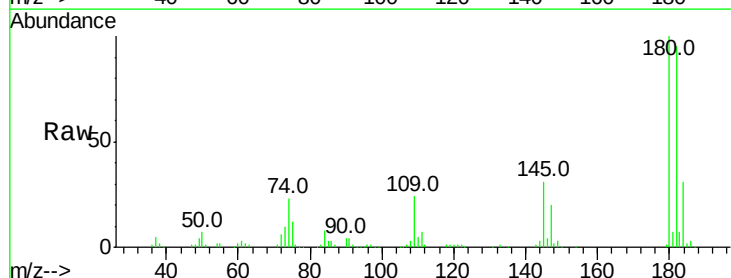
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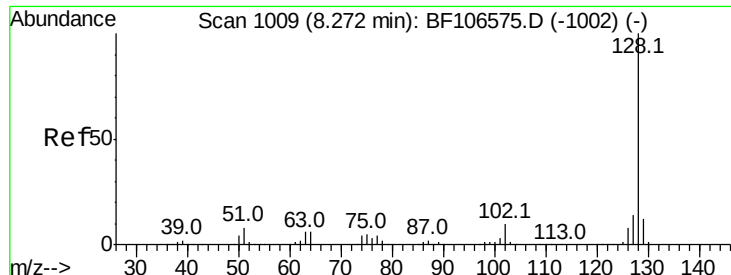
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.462 ng
 RT: 8.18 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.1	76.8	115.2
145	30.6	26.5	39.7





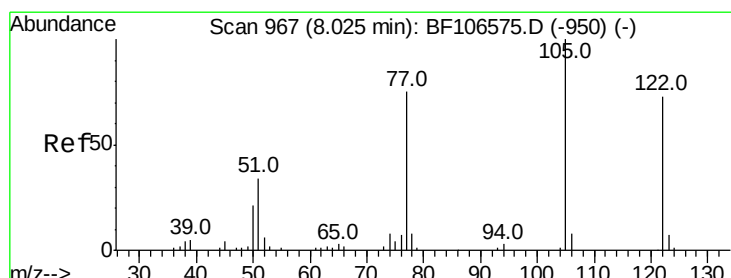
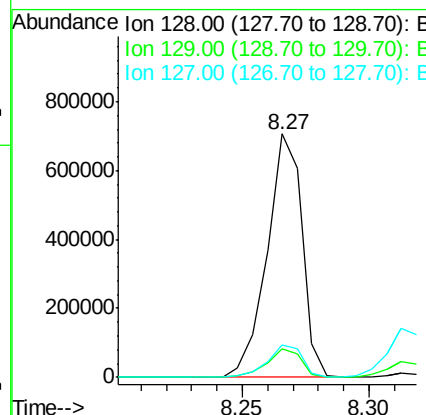
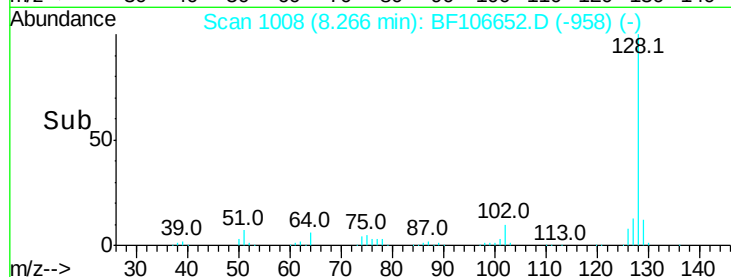
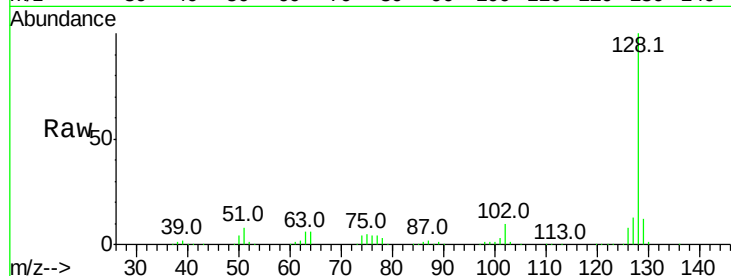
#31
Naphthalene
Concen: 42.626 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.8	8.8	13.2
127	13.4	10.9	16.3

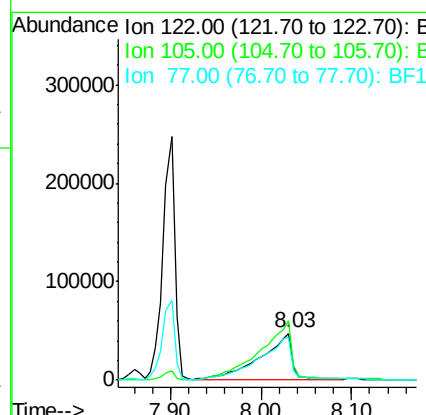
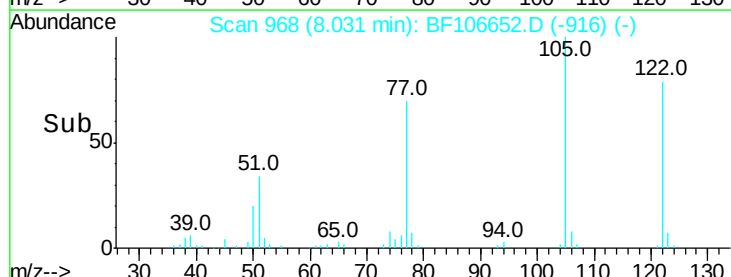
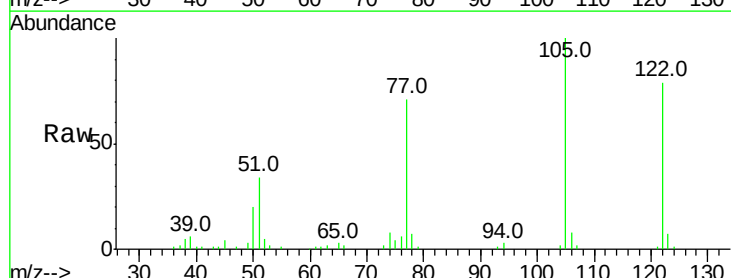
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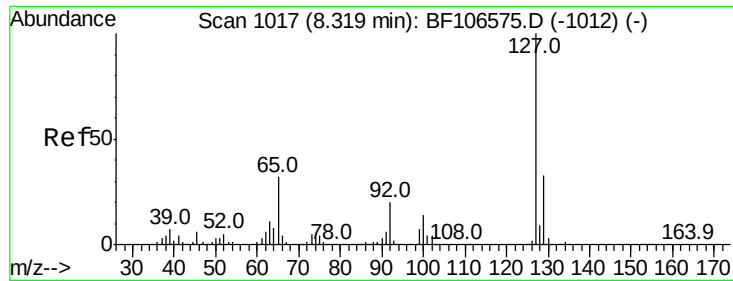
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#32
Benzoic acid
Concen: 35.869 ng
RT: 8.03 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	126.3	101.1	141.1
77	89.4	70.7	110.7





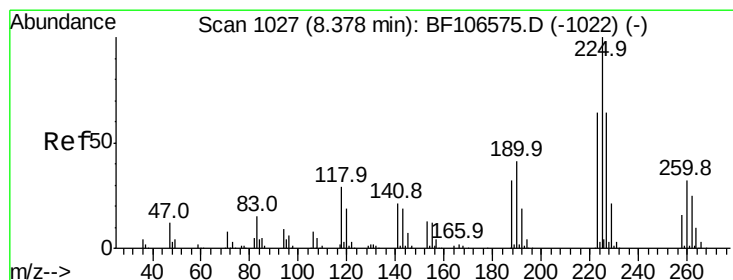
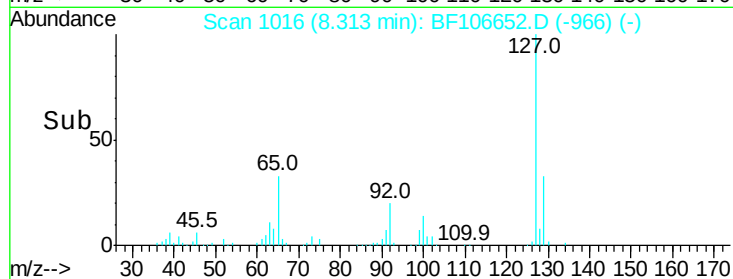
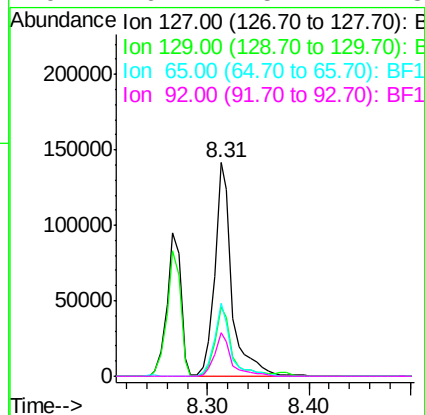
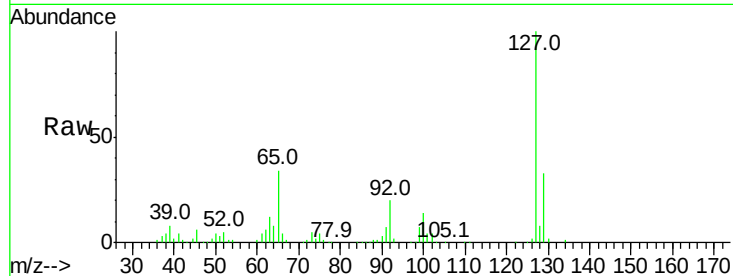
#33
4-Chloroaniline
Concen: 24.693 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	25.9	38.9	
65	34.4	25.0	37.4	
92	20.2	15.2	22.8	

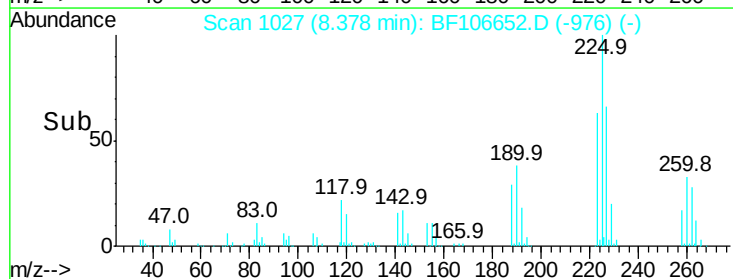
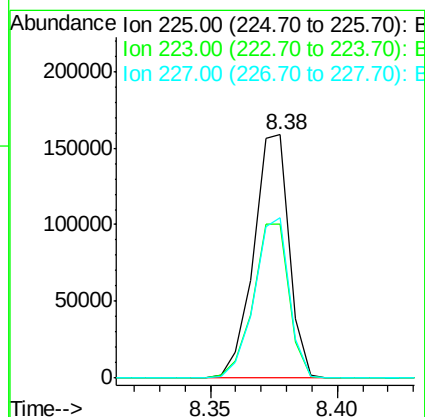
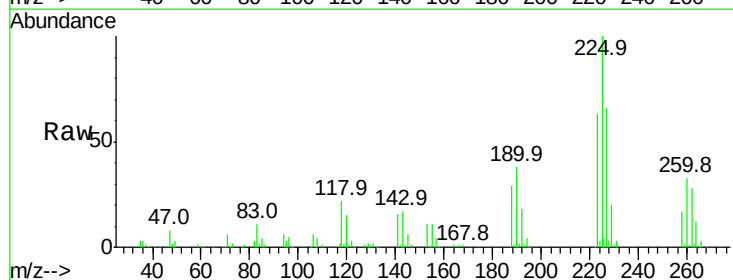
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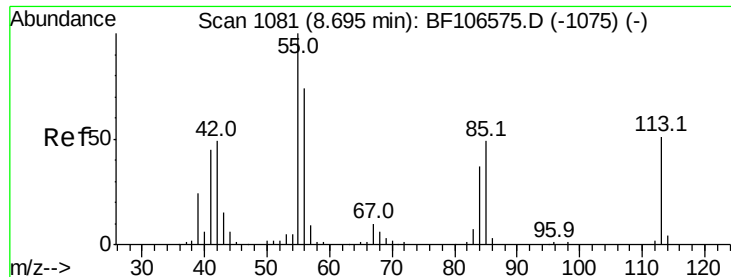
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#34
Hexachlorobutadiene
Concen: 44.831 ng
RT: 8.38 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.6	76.0	
227	65.8	51.9	77.9	





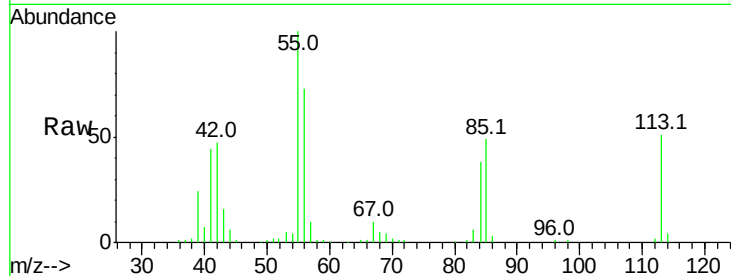
#35
 Caprolactam
 Concen: 46.799 ng/ml
 RT: 8.70 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleID :
 PB110418BS

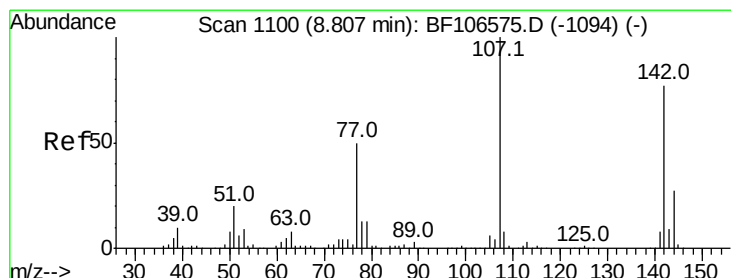
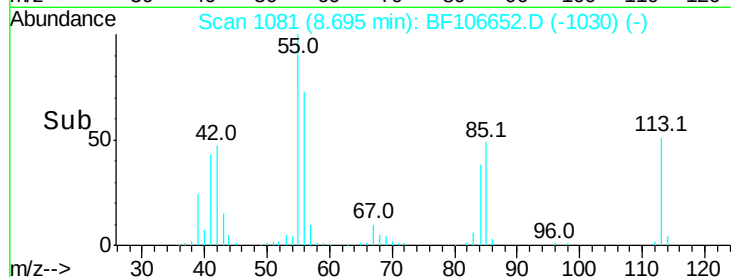
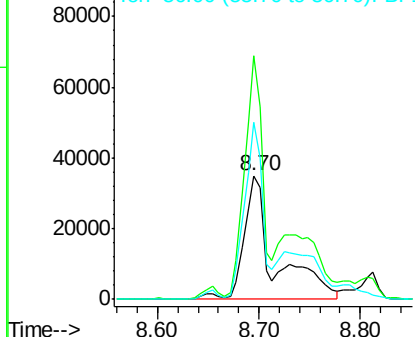
Tot Ion	Ratio	Lower	Upper
113	100		
55	196.8	163.3	203.3
56	143.0	115.7	155.7

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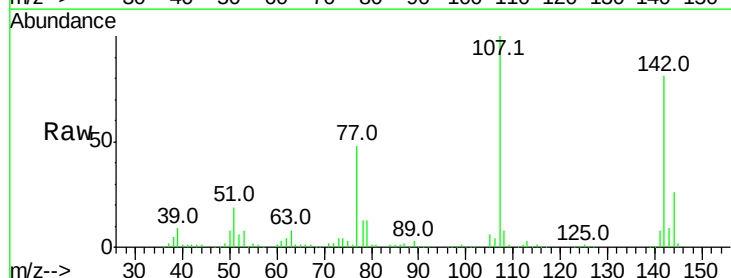


Abundance Ion 113.00 (112.70 to 113.70): E

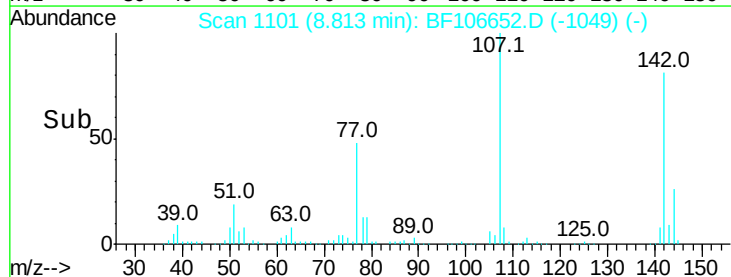
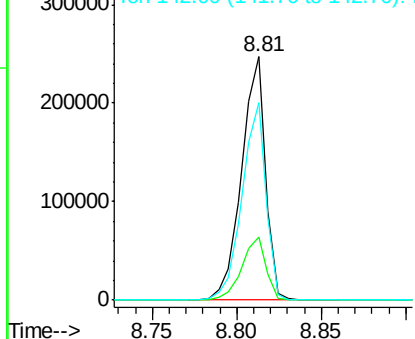


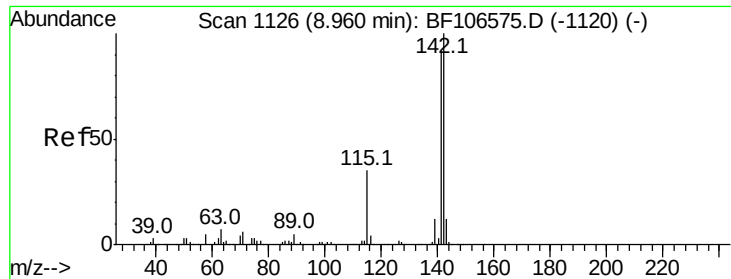
#36
 4-Chloro-3-methylphenol
 Concen: 48.127 ng/ml
 RT: 8.81 min Scan# 1101
 Delta R.T. 0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.5	30.7
142	81.4	62.0	93.0



Abundance Ion 107.00 (106.70 to 107.70): E





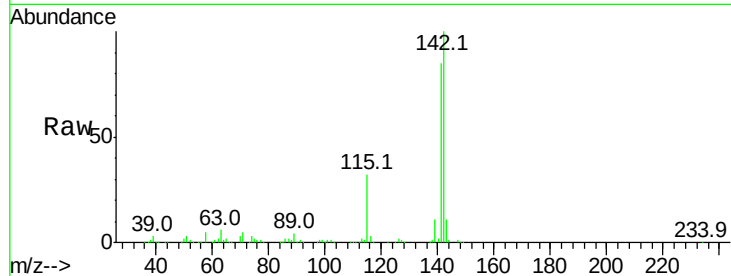
#37
2-Methylnaphthalene
Concen: 48.925 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

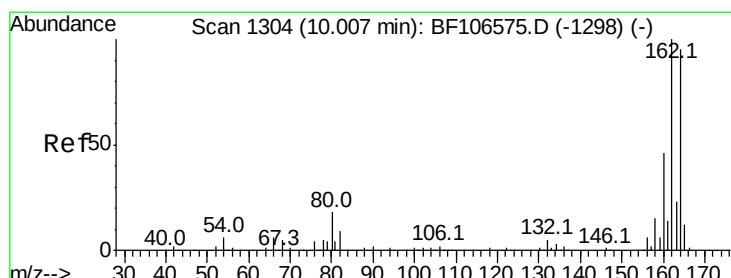
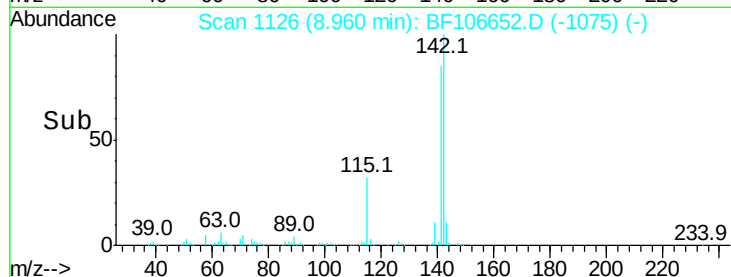
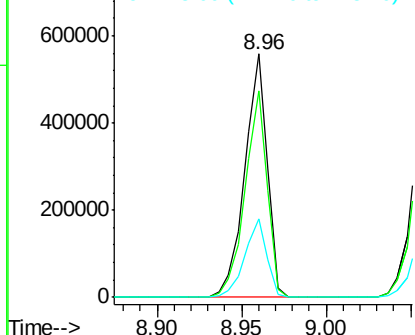
Tot Ion	Ratio	Resp	Lower	Upper
142	100	519820		
141	84.6		70.8	106.2
115	32.2		26.1	39.1

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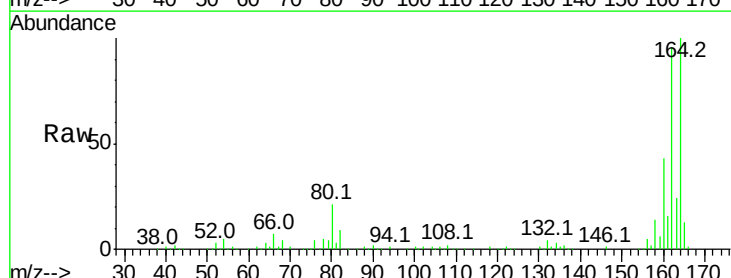


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

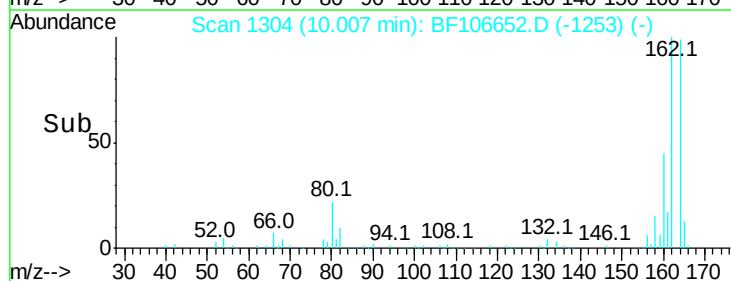
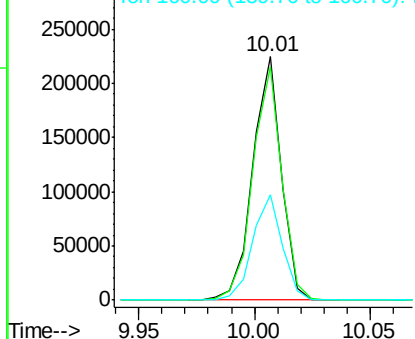


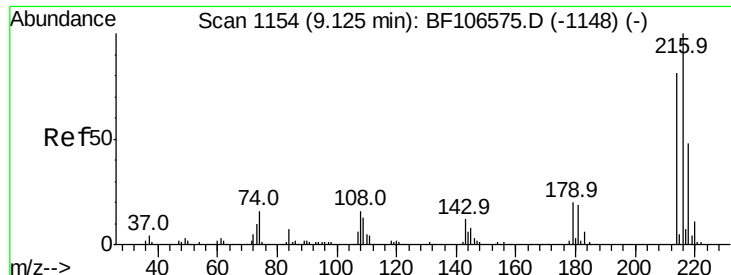
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	193723		
162	95.9		86.1	129.1
160	43.5		38.3	57.5



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





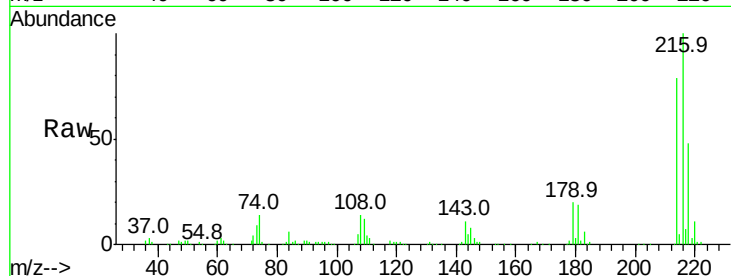
#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.088 ng
RT: 9.12 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

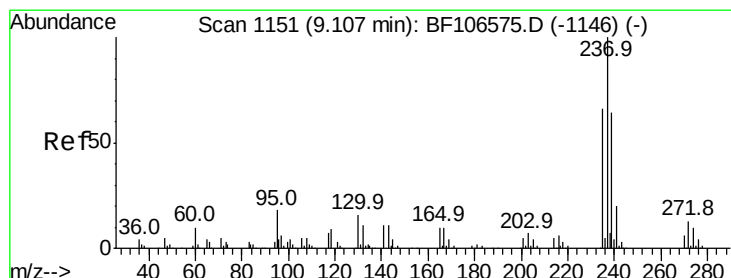
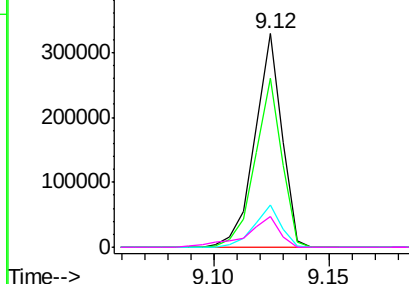
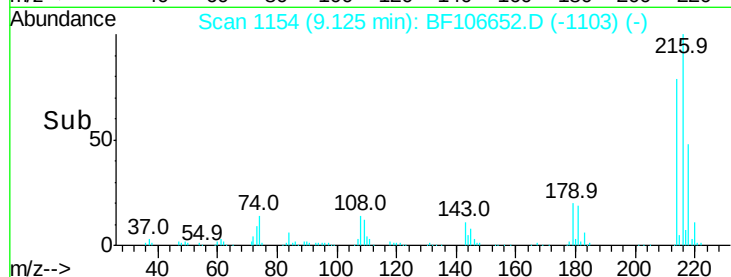
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.0	94.4
179	19.9	18.1	27.1
108	17.3	17.2	25.8

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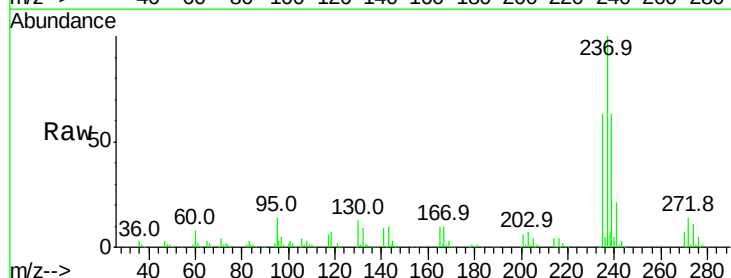


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

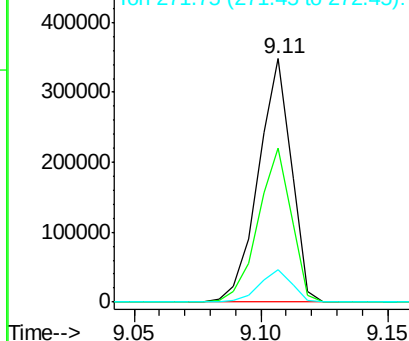
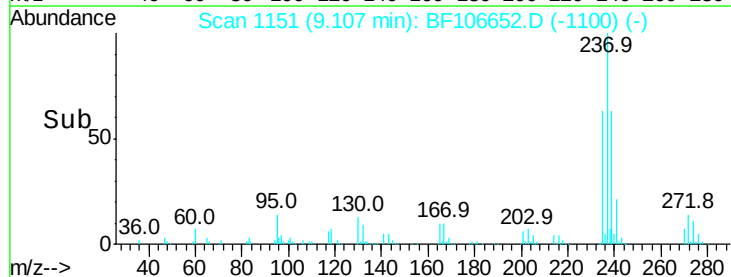


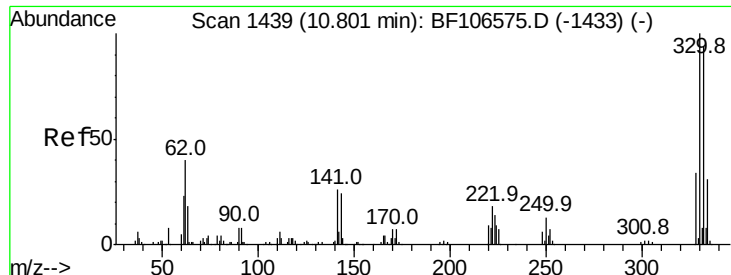
#40
Hexachlorocyclopentadiene
Concen: 94.432 ng
RT: 9.11 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	44.8	84.8
272	13.5	0.0	33.3



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





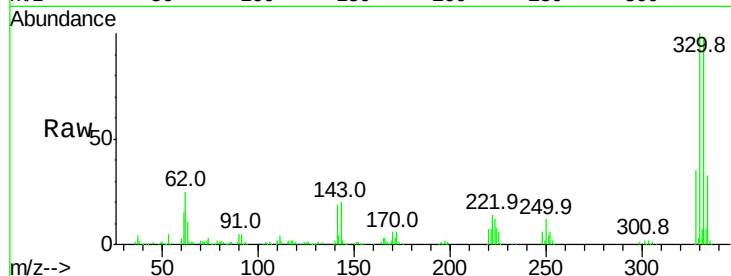
#41
 2,4,6-Tribromophenol
 Concen: 141.645 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

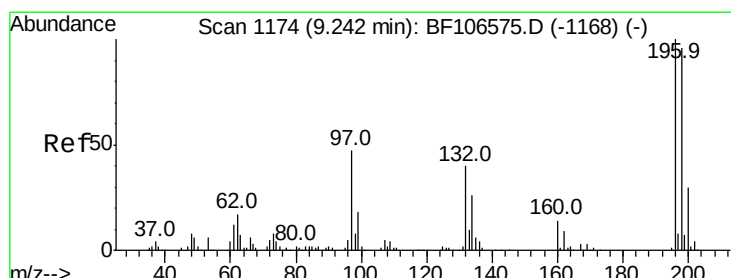
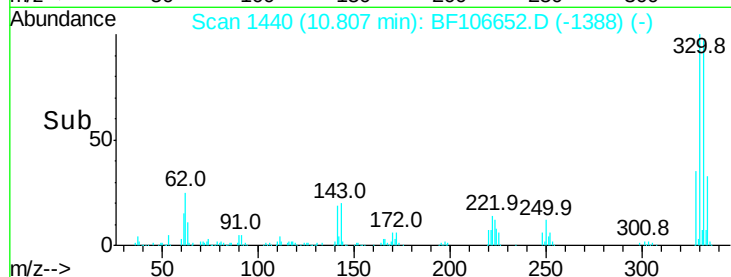
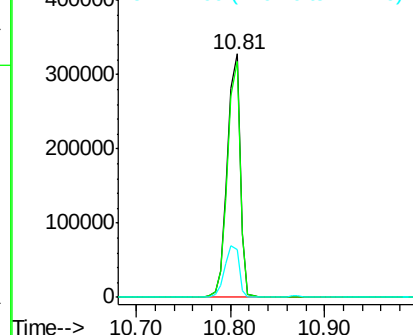
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	77.0	115.6	
141	23.3	29.9	44.9	

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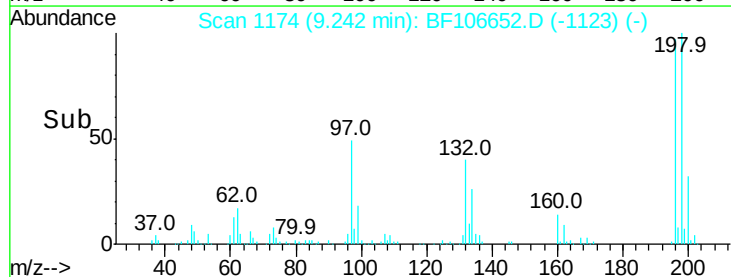
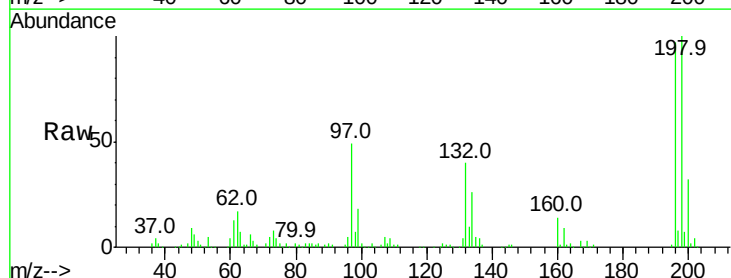
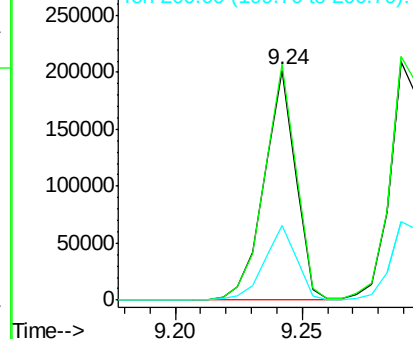
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

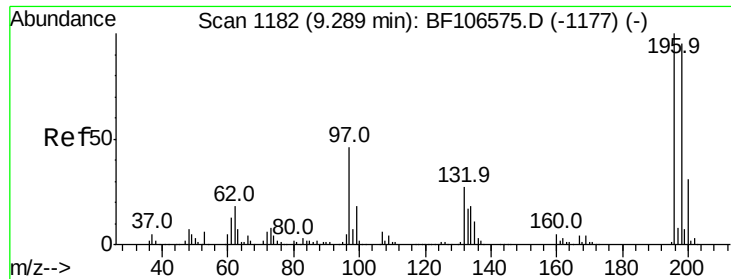


#42
 2,4,6-Trichlorophenol
 Concen: 40.607 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.8	75.7	113.5	
200	32.7	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





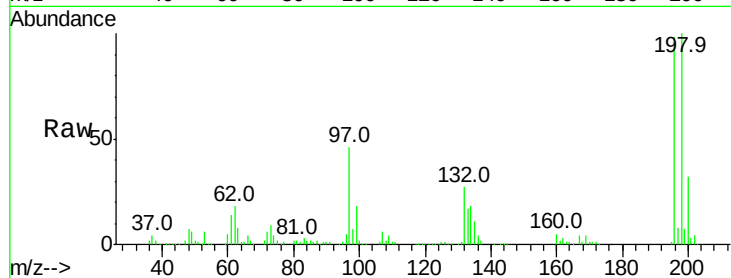
#43
 2,4,5-Trichlorophenol
 Concen: 41.097 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	185968		
198	102.1	74.6	112.0	
97	47.2	42.9	64.3	
132	27.9	26.3	39.5	

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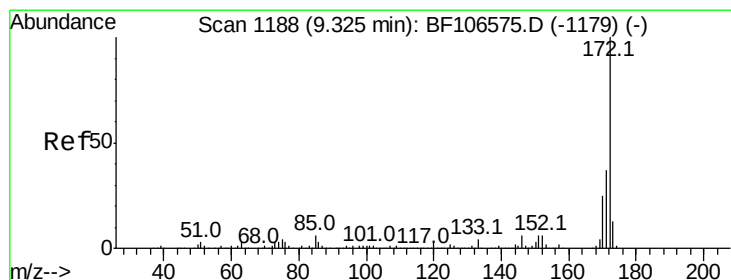
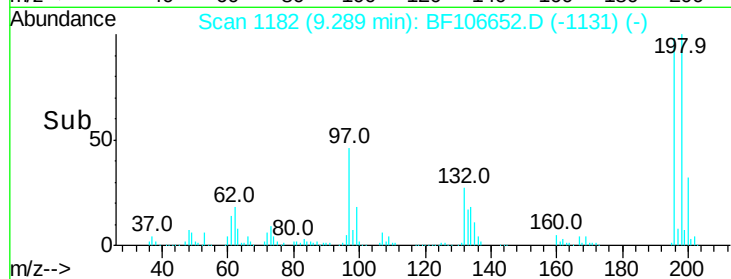
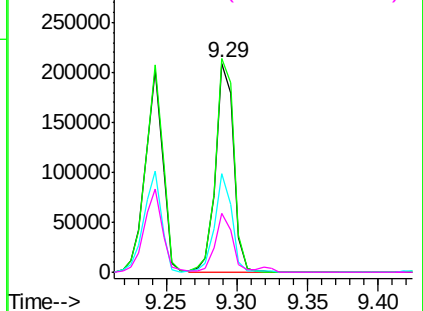
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.578 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

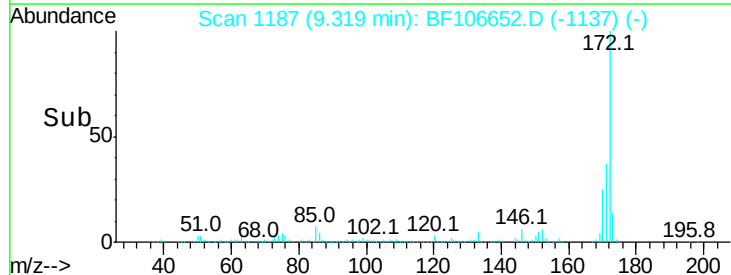
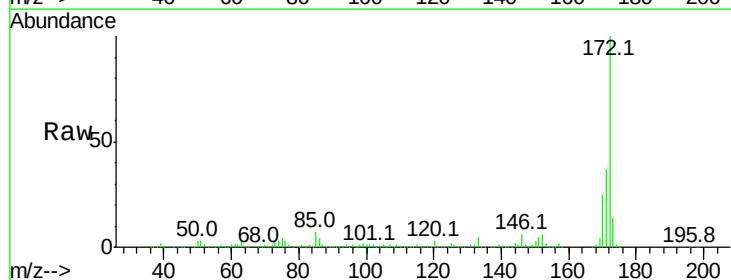
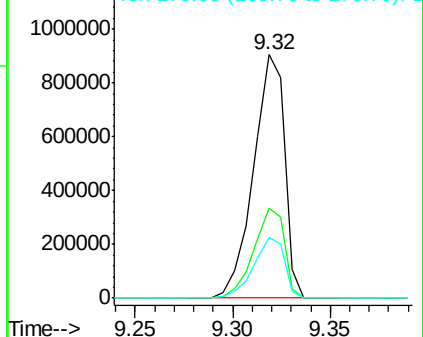
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	997223		
171	37.0	29.7	44.5	
170	24.8	19.6	29.4	

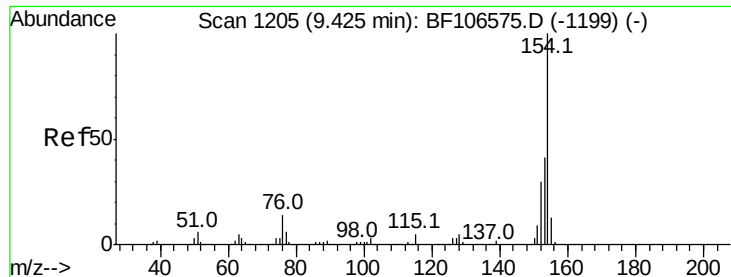
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.346 ng

RT: 9.42 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

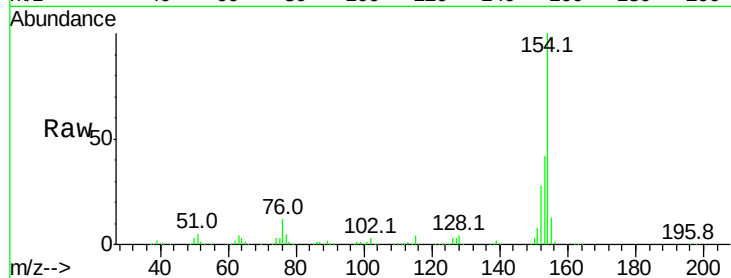
ClientSampleId :

PB110418BS

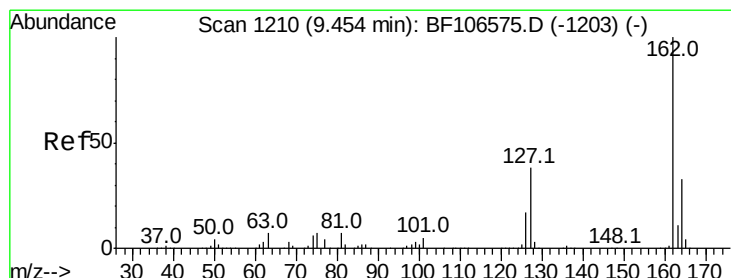
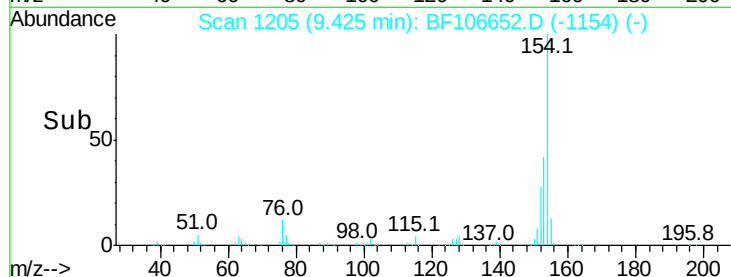
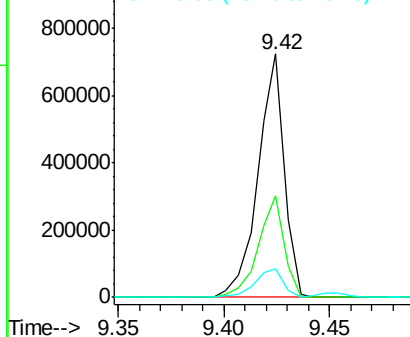
Tot Ion	154	Resp	622898
Ion Ratio	Lower	Upper	
154	100		
153	41.7	21.3	61.3
76	12.0	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 38.638 ng

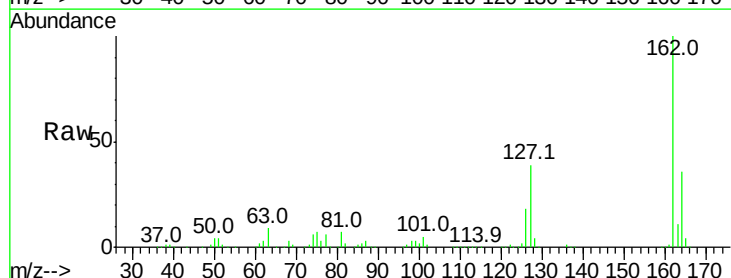
RT: 9.45 min Scan# 1210

Delta R.T. 0.00 min

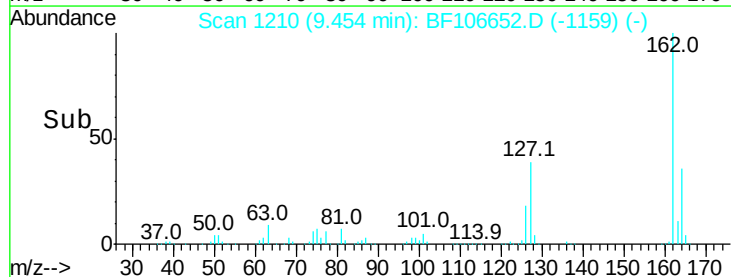
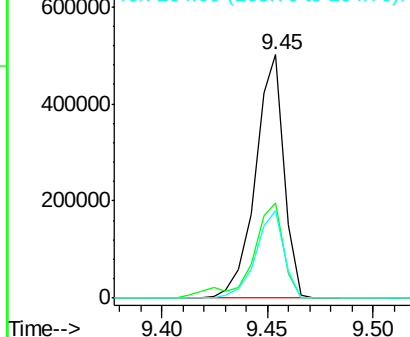
Lab File: BF106652.D

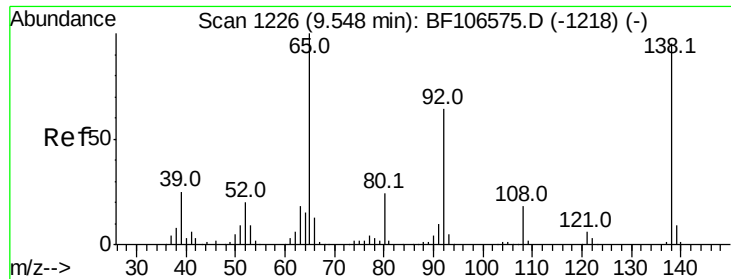
Acq: 21 Jun 2018 10:58

Tgt Ion	162	Resp	469550
Ion Ratio	Lower	Upper	
162	100		
127	38.8	33.9	50.9
164	35.8	26.5	39.7



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





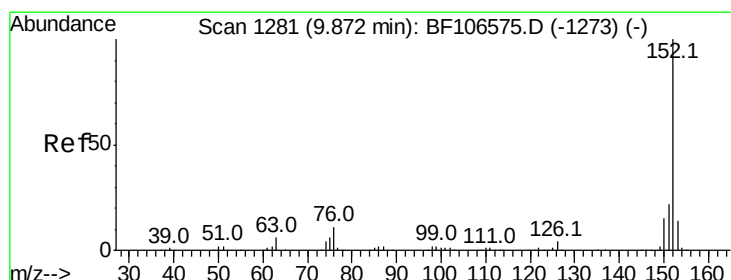
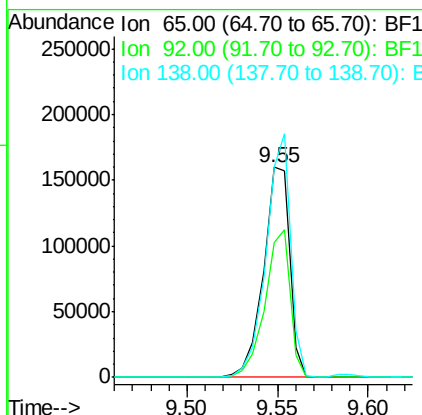
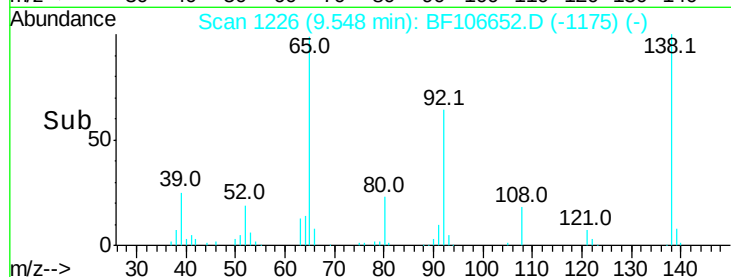
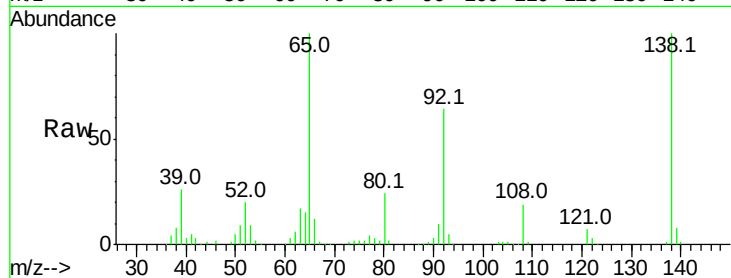
#47
2-Nitroaniline
Concen: 39.692 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.3	55.8	83.6
138	100.0	91.2	136.8

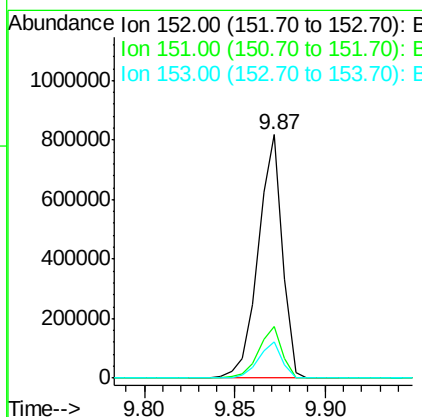
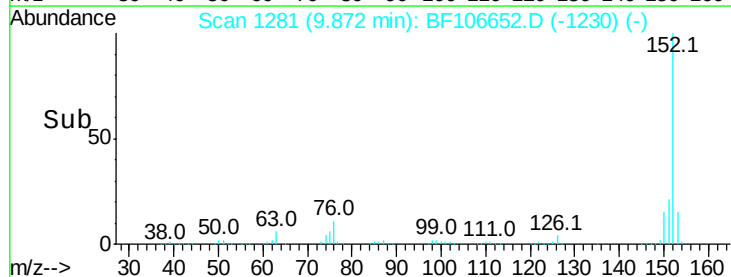
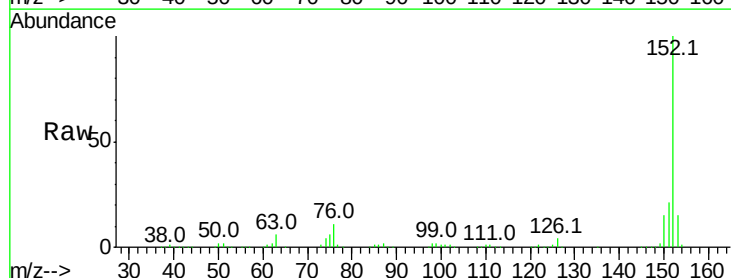
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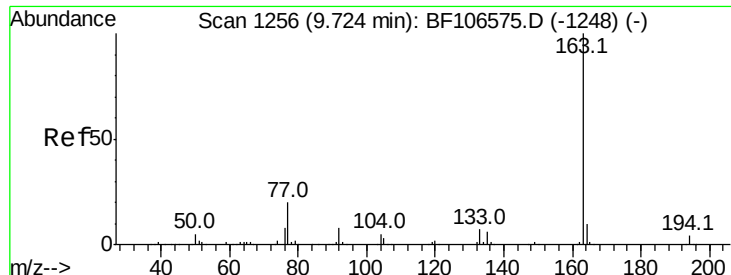
Sohil
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#48
Acenaphthylene
Concen: 39.318 ng
RT: 9.87 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	14.8	10.7	16.1





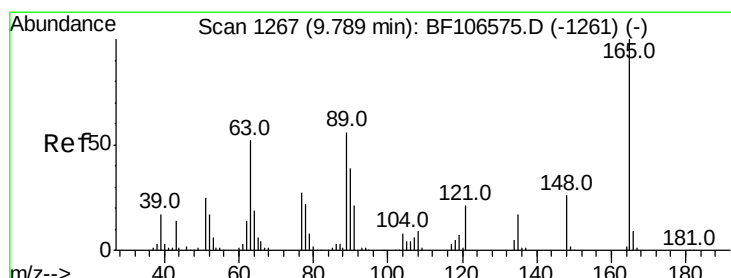
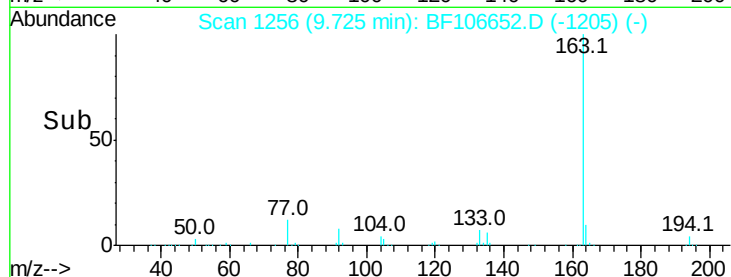
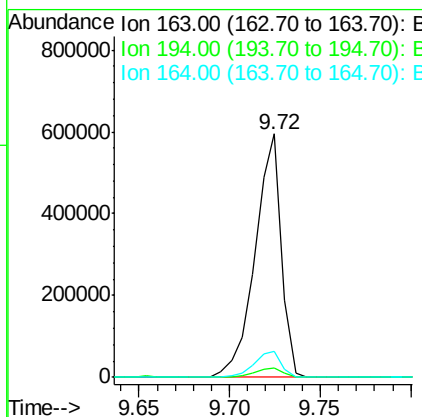
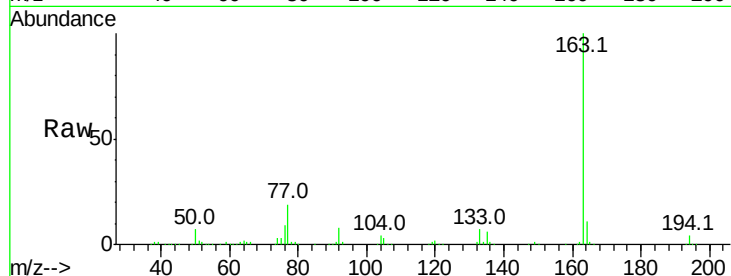
#49
Dimethylphthalate
Concen: 41.091 ng
RT: 9.72 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	597034		
194	4.0		2.7	4.1
164	10.6		8.2	12.2

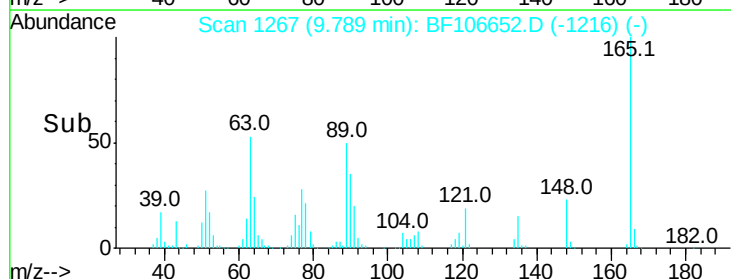
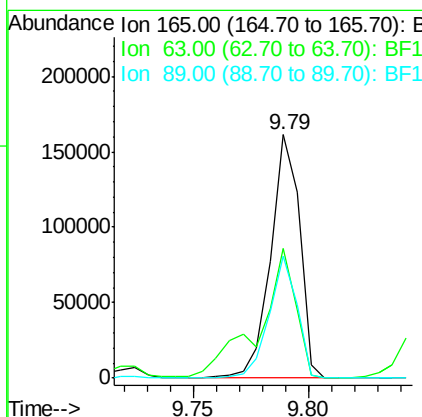
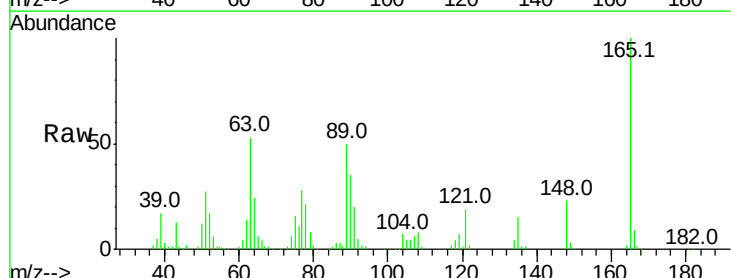
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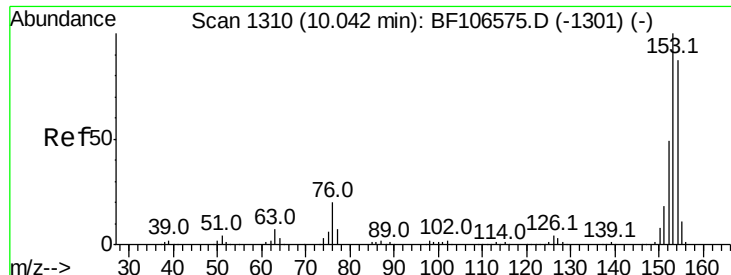
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#50
2,6-Dinitrotoluene
Concen: 45.828 ng
RT: 9.79 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140997		
63	53.1		44.7	67.1
89	50.2		44.0	66.0





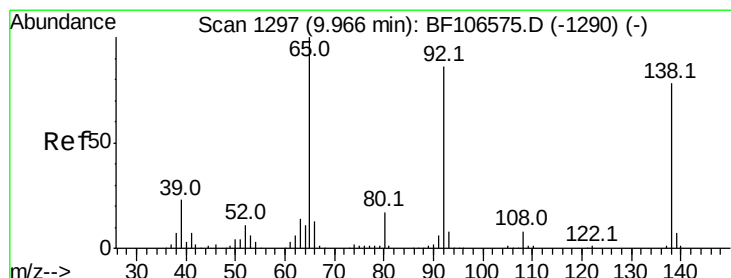
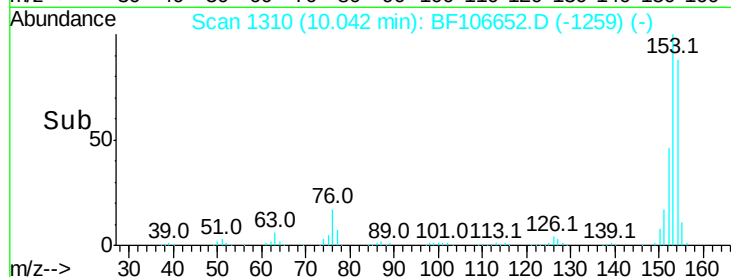
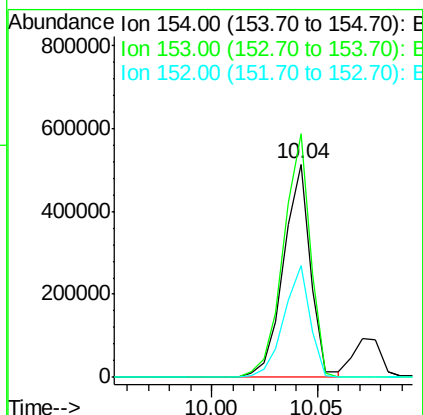
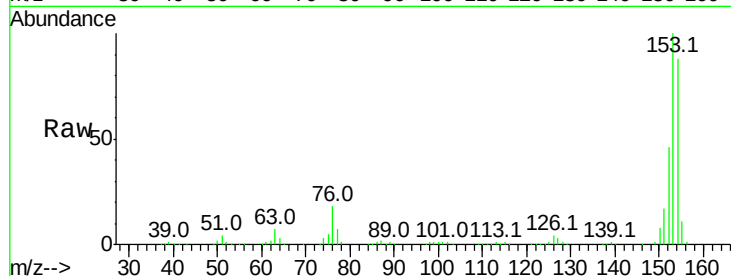
#51
Acenaphthene
Concen: 38.145 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.2	136.8
152	52.2	43.8	65.8

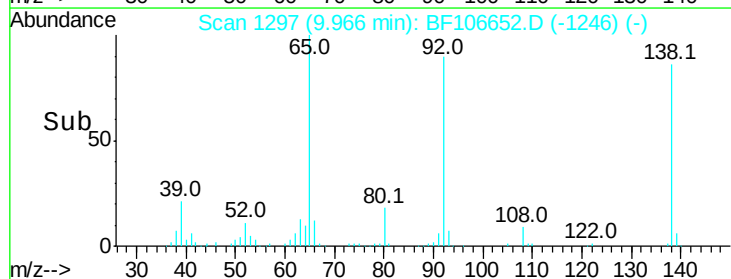
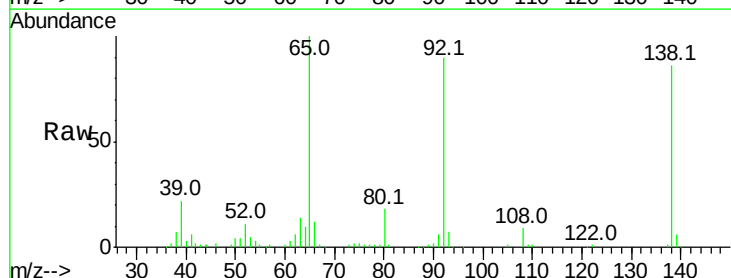
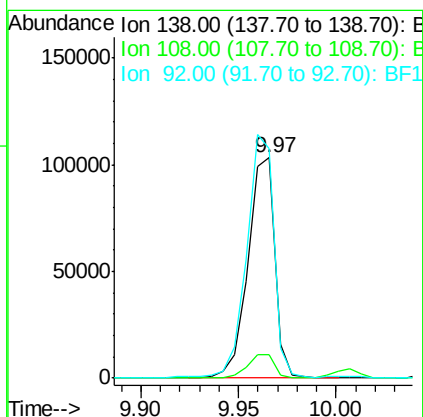
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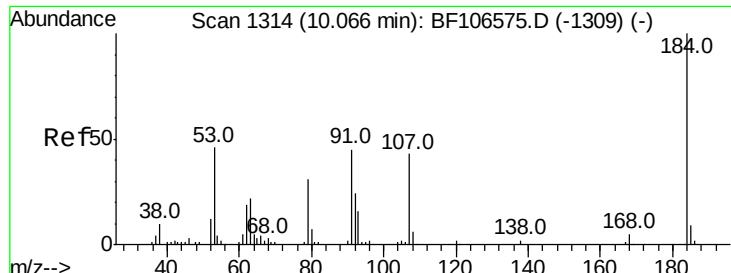
Sohil
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#52
3-Nitroaniline
Concen: 28.015 ng
RT: 9.97 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.4	14.0
92	104.4	89.4	134.2





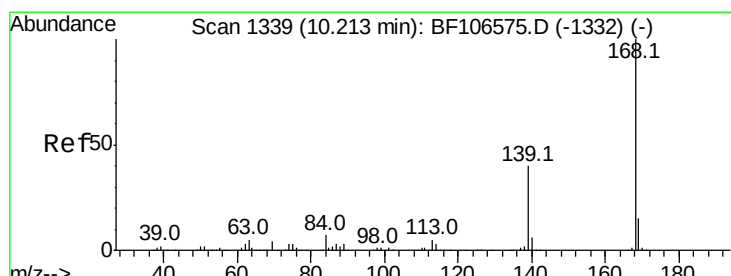
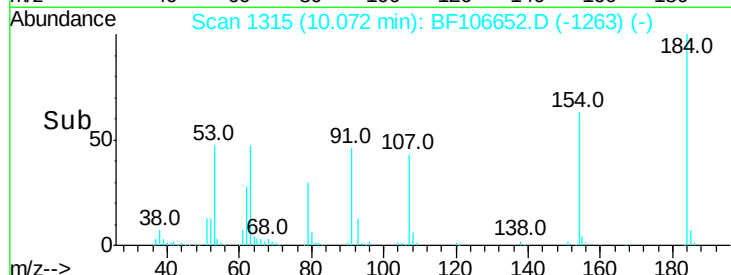
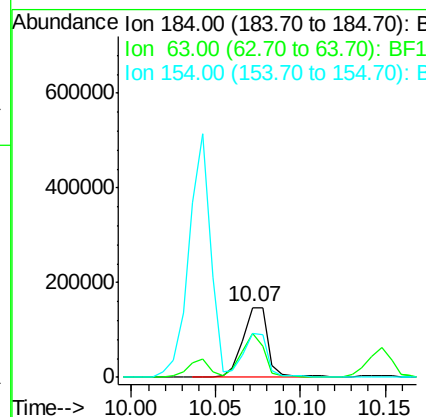
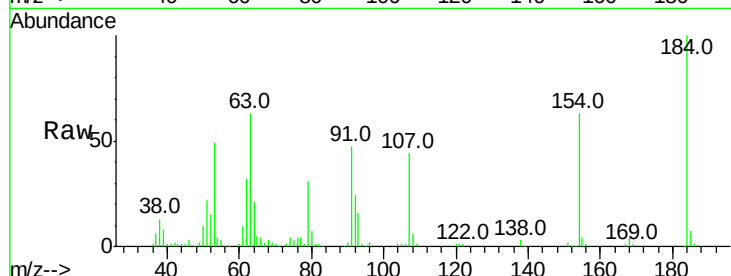
#53
 2,4-Dinitrophenol
 Concen: 96.679 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	63.4	54.2	81.2	
154	62.7	184.0	276.0	

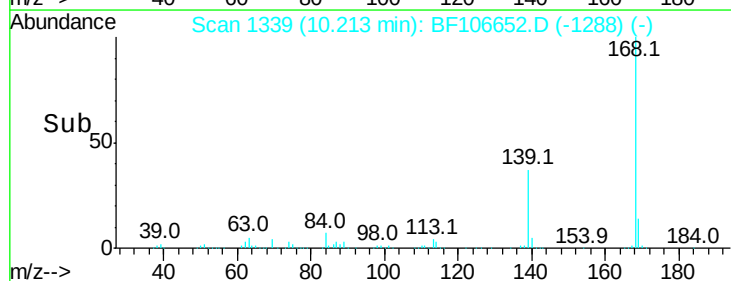
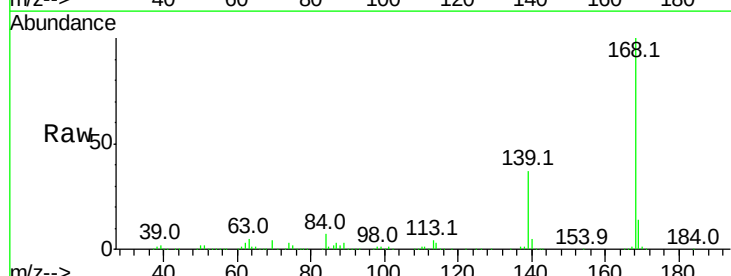
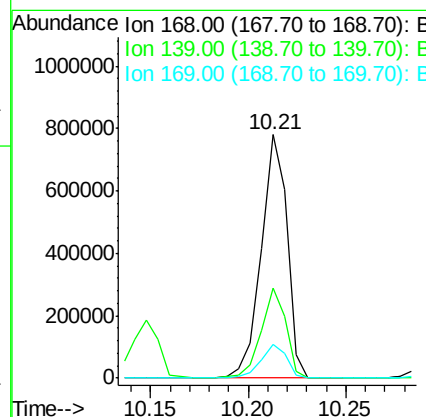
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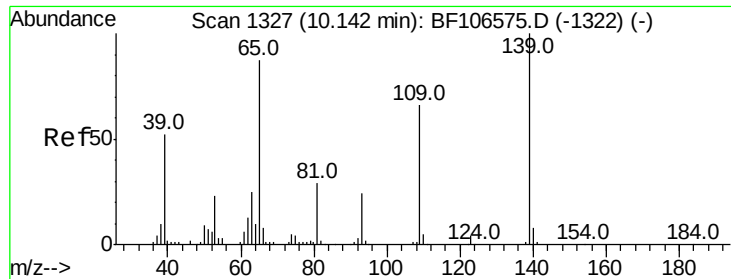
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#54
 Dibenzofuran
 Concen: 43.228 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.8	30.1	45.1	
169	14.1	10.9	16.3	





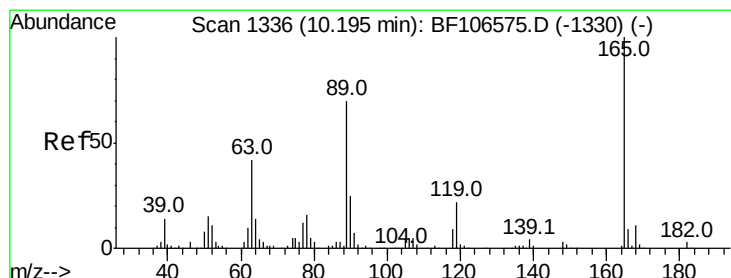
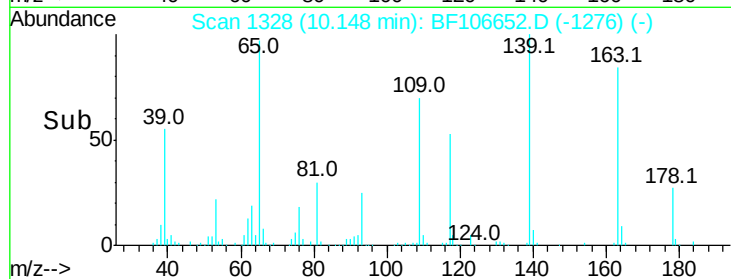
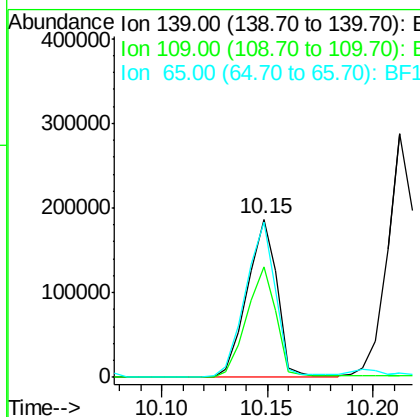
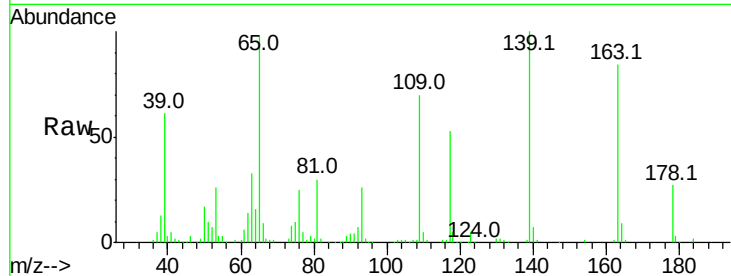
#55
4-Nitrophenol
Concen: 74.858 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	184994		
109	70.1	48.4	88.4	
65	98.1	72.6	112.6	

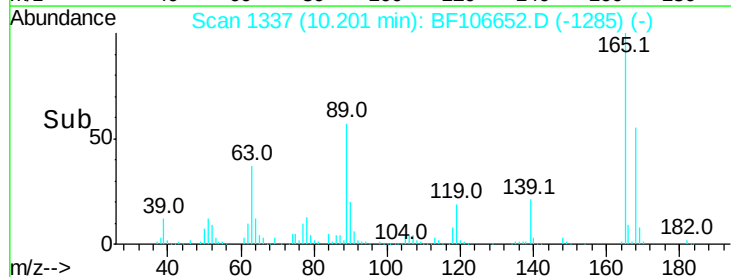
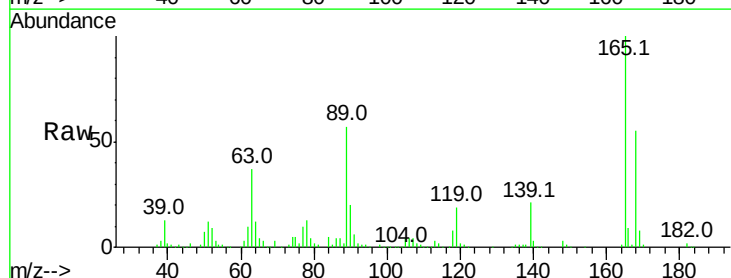
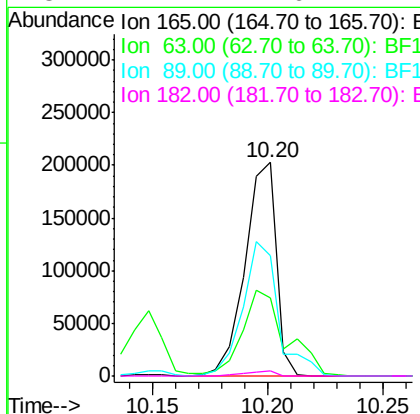
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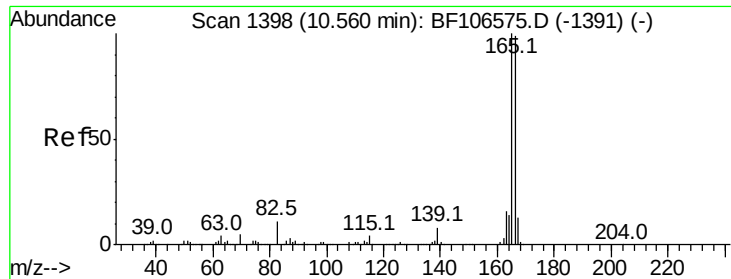
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#56
2,4-Dinitrotoluene
Concen: 47.950 ng
RT: 10.20 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	192563		
63	36.5	36.4	54.6	
89	56.6	57.8	86.6#	
182	2.4	1.6	2.4#	





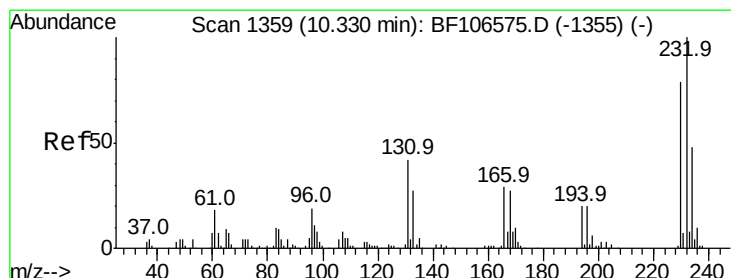
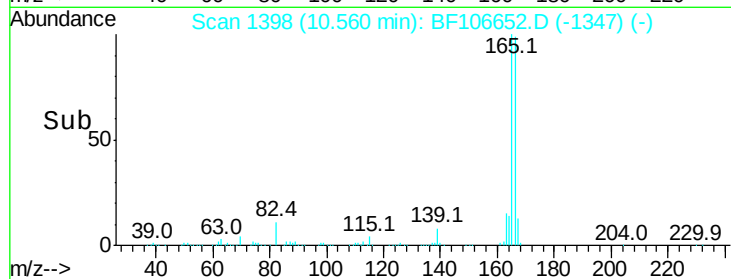
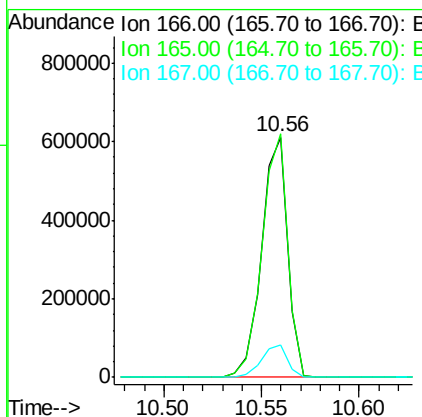
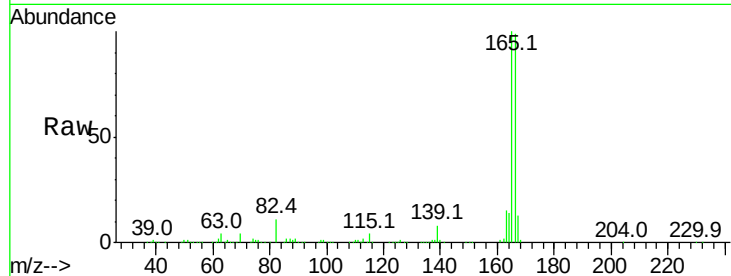
#57
 Fluorene
 Concen: 42.912 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.8	119.8
167	13.6	10.6	16.0

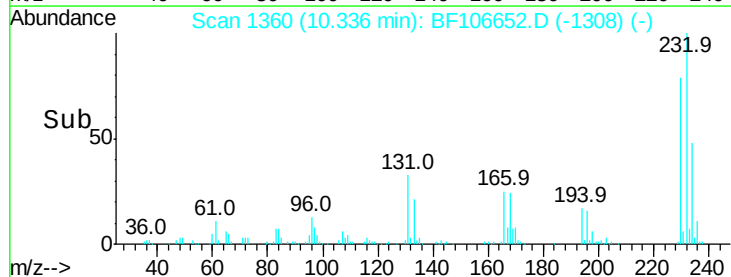
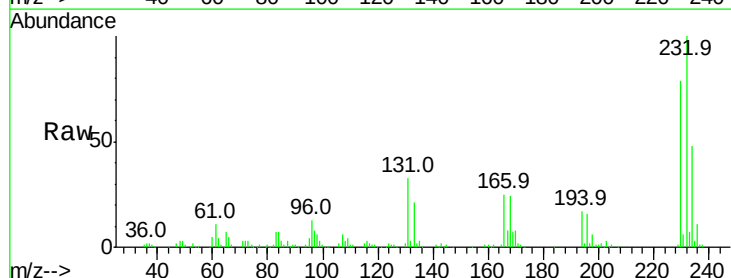
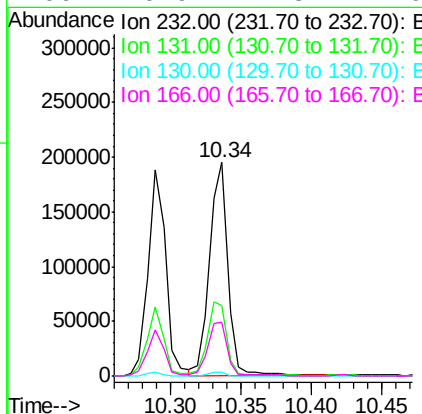
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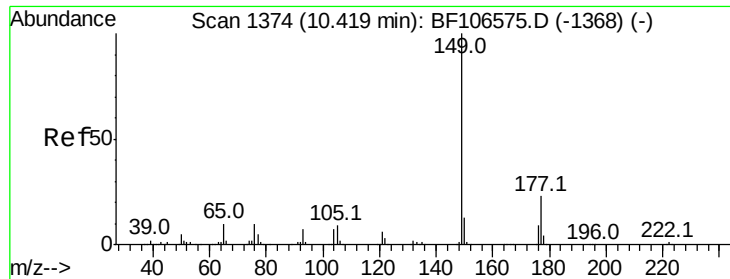
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.819 ng
 RT: 10.34 min Scan# 1360
 Delta R.T. 0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.5	43.8	65.8#
130	1.6	2.1	3.1#
166	26.9	27.8	41.6#





#59

Diethylphthalate

Concen: 41.540 ng

RT: 10.42 min Scan# 1375

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

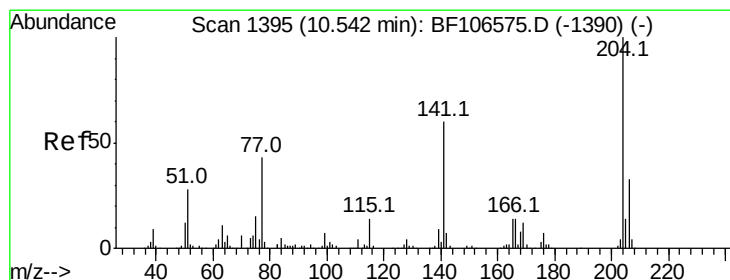
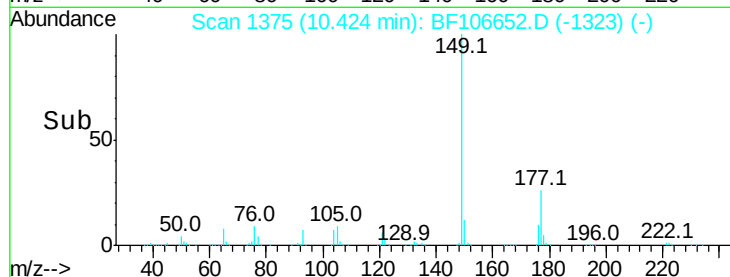
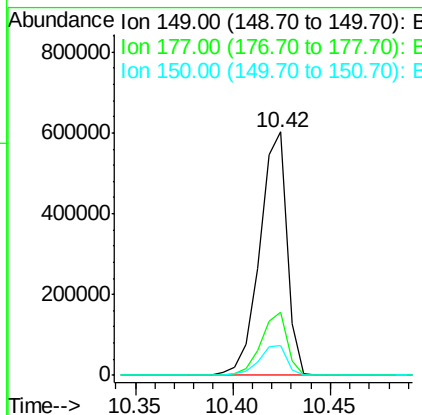
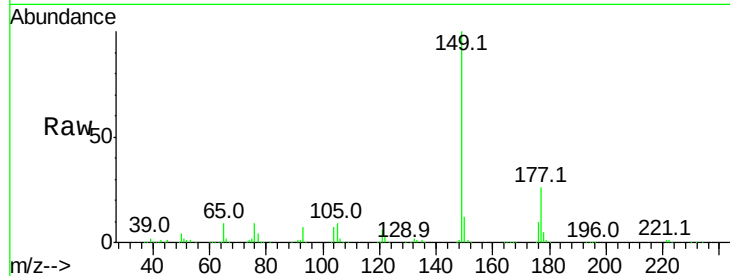
ClientSampleId :

PB110418BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	582536		
177	26.1		16.1	24.1#
150	12.5		10.1	15.1

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 43.097 ng

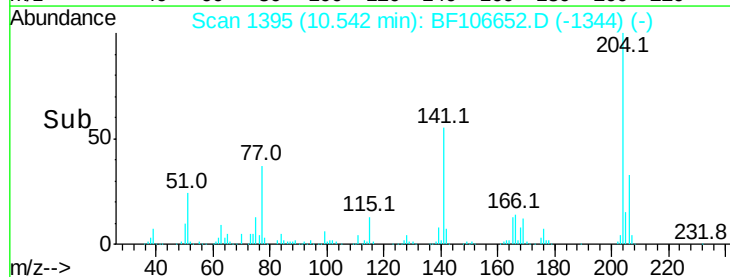
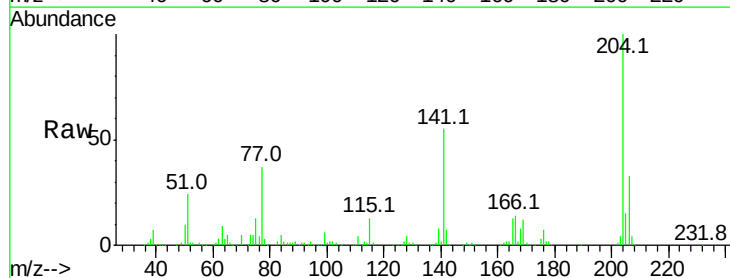
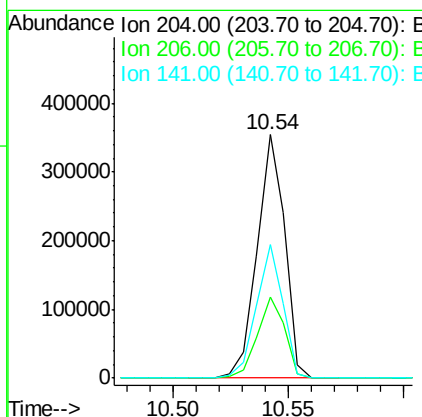
RT: 10.54 min Scan# 1395

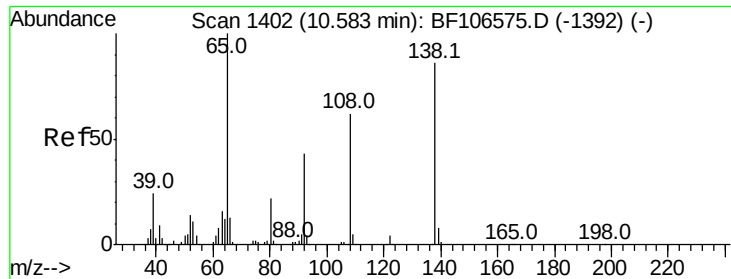
Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	296031		
206	33.2		26.5	39.7
141	54.8		54.6	81.8





#61

4-Nitroaniline

Concen: 43.541 ng

RT: 10.59 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

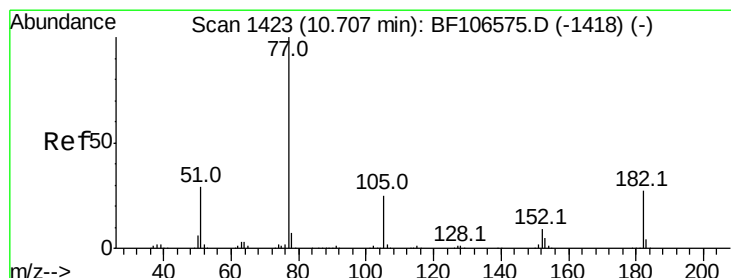
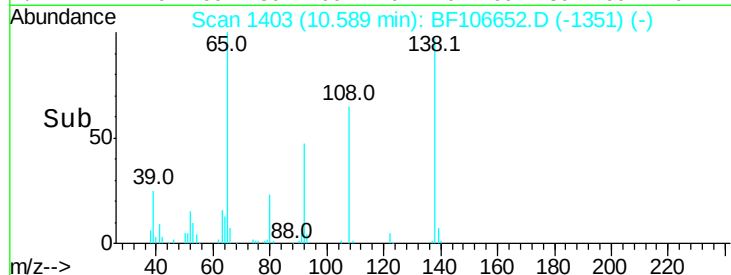
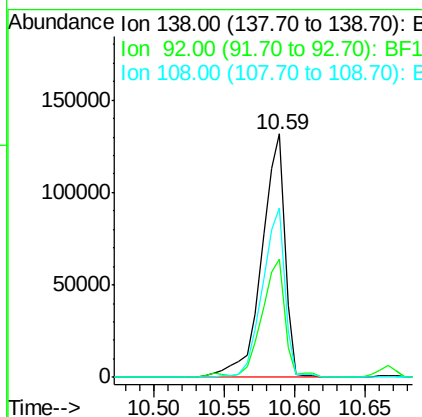
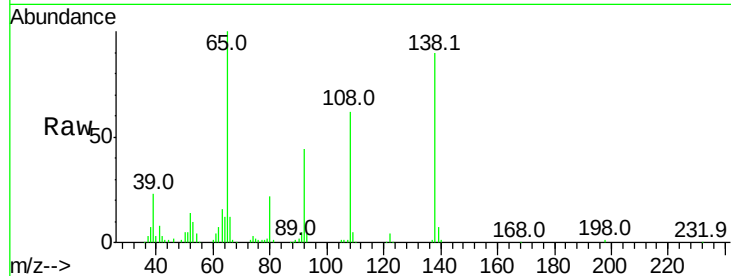
ClientSampleId :

PB110418BS

Tot Ion:	138	Resp:	152990
Ion Ratio	Lower	Upper	
138	100		
92	48.6	30.2	70.2
108	69.4	52.5	92.5

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#62

Azobenzene

Concen: 40.920 ng

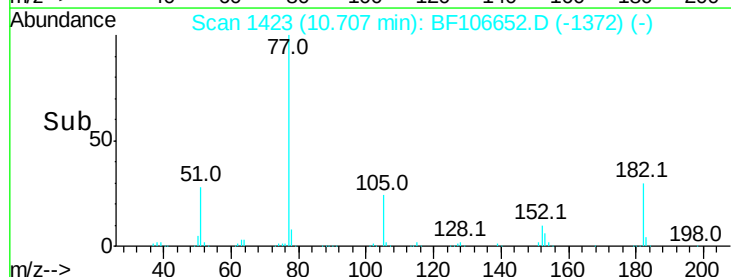
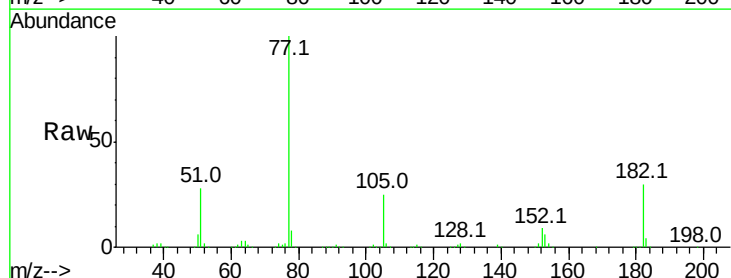
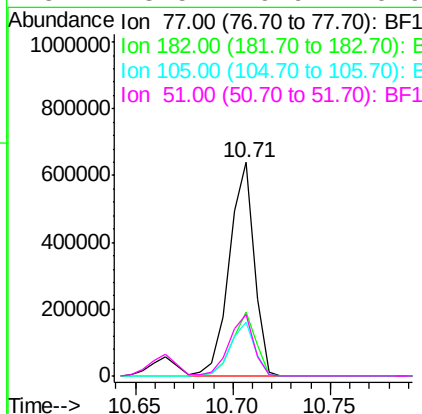
RT: 10.71 min Scan# 1423

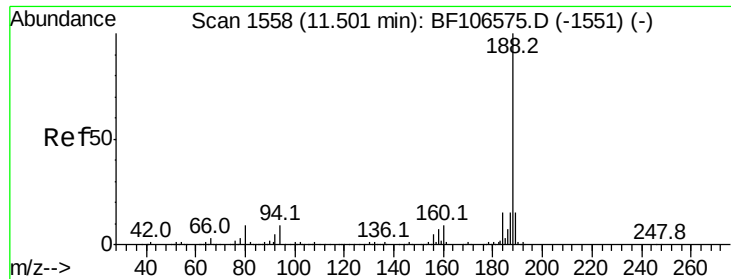
Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion:	77	Resp:	565083
Ion Ratio	Lower	Upper	
77	100		
182	30.0	1.7	41.7
105	25.3	3.0	43.0
51	28.5	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: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

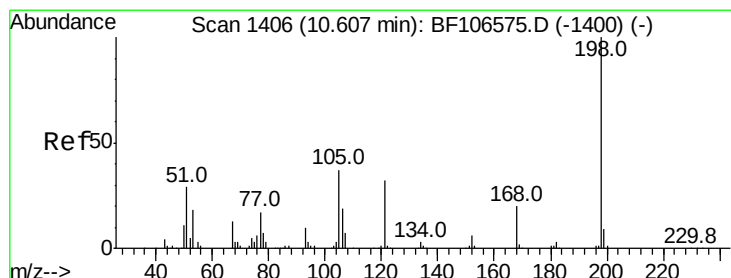
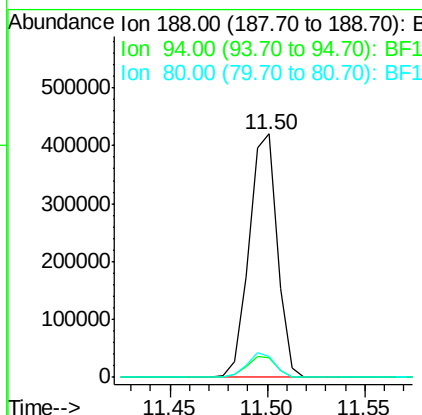
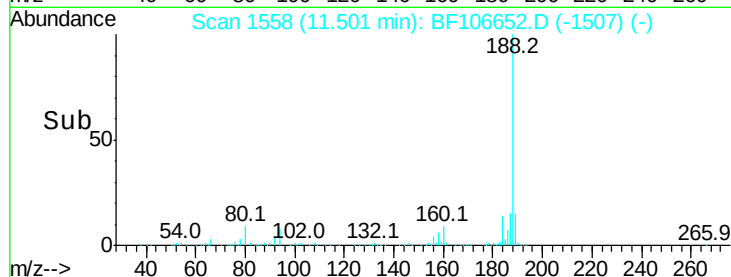
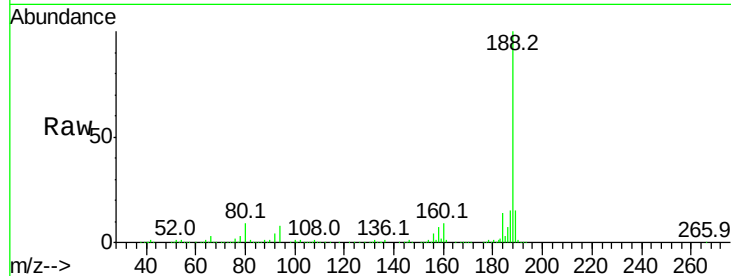
ClientSampleId :

PB110418BS

Tot Ion	188	Resp	420921
Ion Ratio	Lower	Upper	
188	100		
94	7.9	8.5	12.7#
80	8.7	9.2	13.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.953 ng

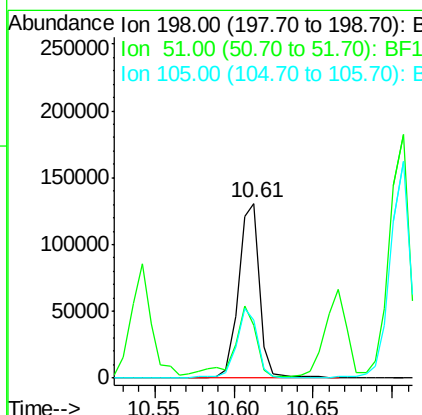
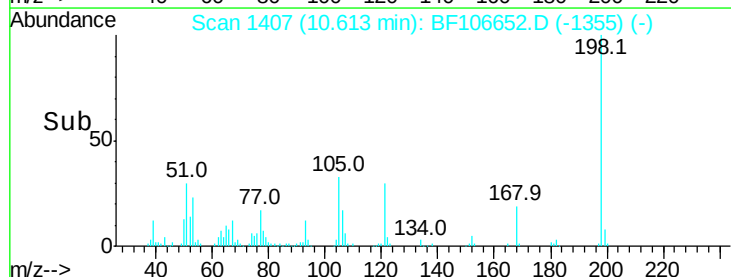
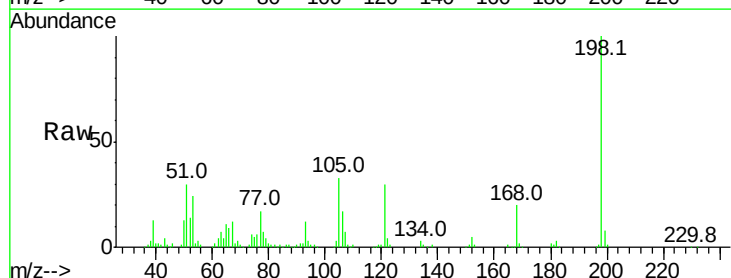
RT: 10.61 min Scan# 1407

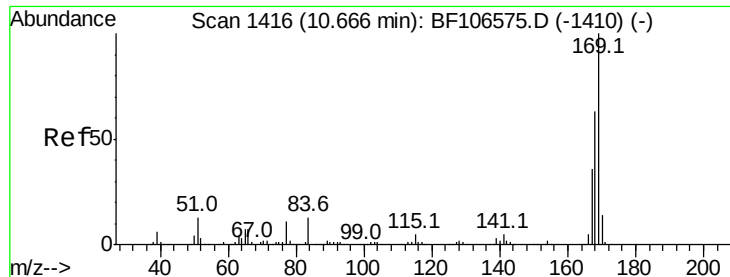
Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion	198	Resp	119565
Ion Ratio	Lower	Upper	
198	100		
51	30.4	37.7	77.7#
105	33.1	36.3	76.3#





#65

n-Nitrosodiphenylamine

Concen: 36.200 ng

RT: 10.67 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

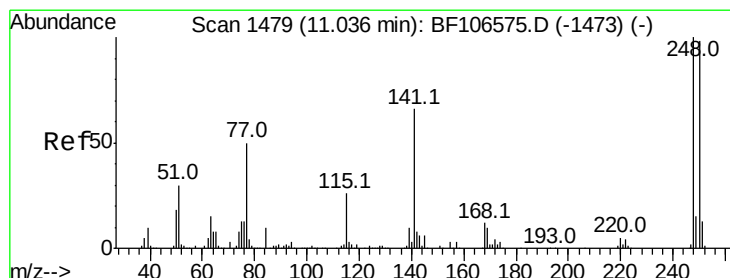
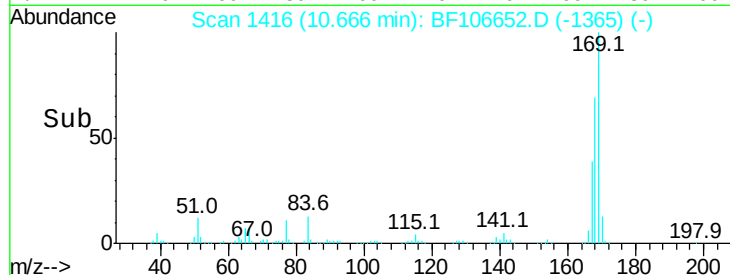
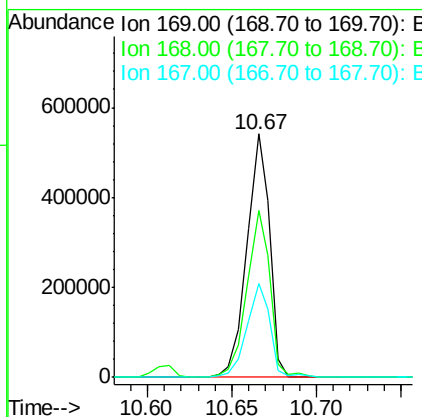
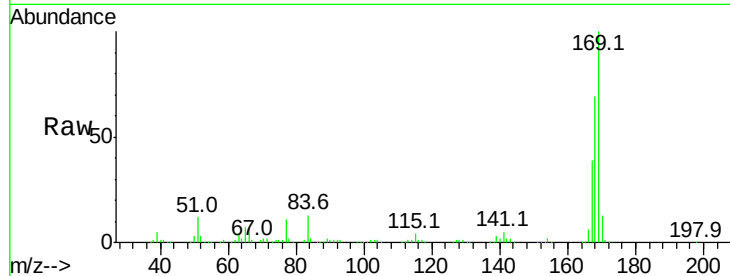
ClientSampleId :

PB110418BS

Tot Ion:	169	Resp:	512512
Ion Ratio	Lower	Upper	
169	100		
168	68.7	54.4	81.6
167	38.5	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 42.869 ng

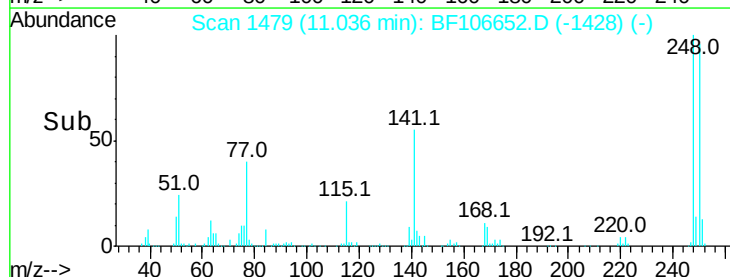
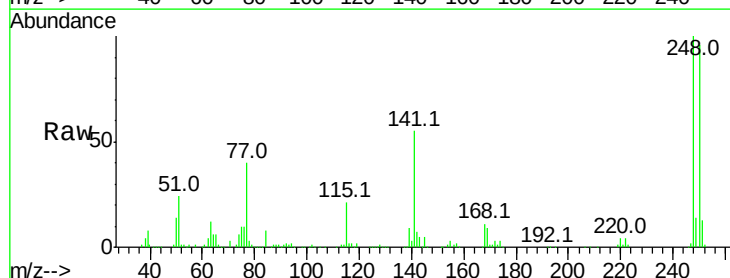
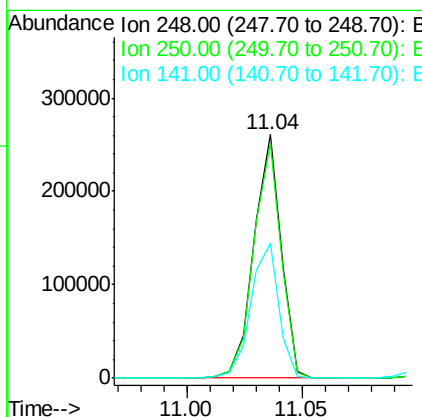
RT: 11.04 min Scan# 1479

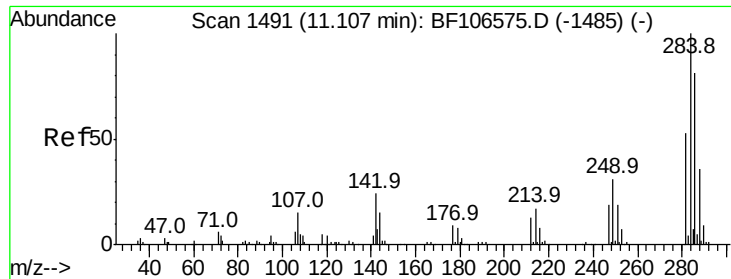
Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion:	248	Resp:	215350
Ion Ratio	Lower	Upper	
248	100		
250	96.4	76.9	115.3
141	55.4	74.4	111.6#





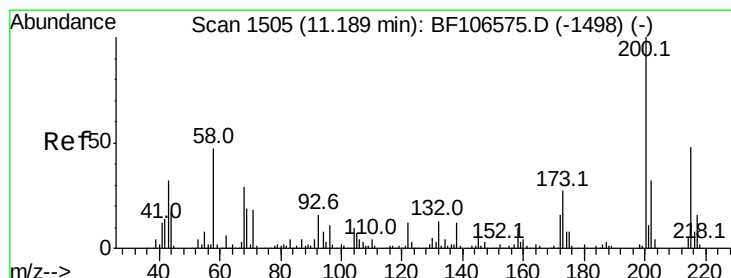
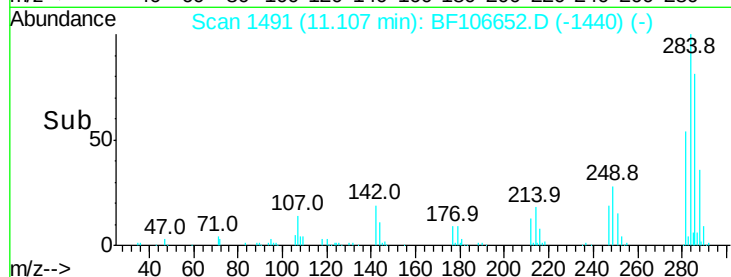
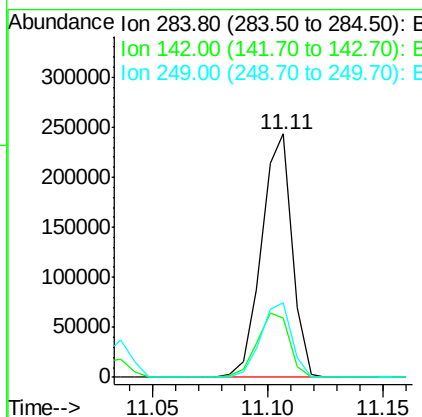
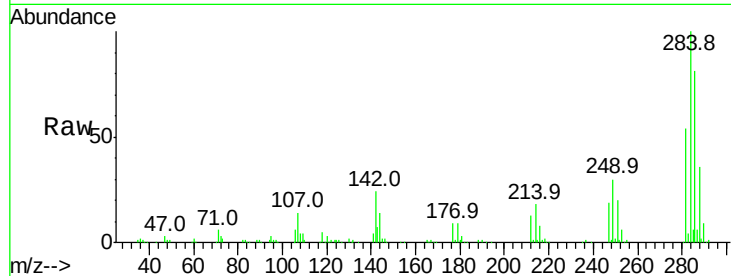
#67
Hexachlorobenzene
Concen: 42.789 ng
RT: 11.11 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	224974		
142	24.3	34.6	52.0	
249	30.4	24.8	37.2	

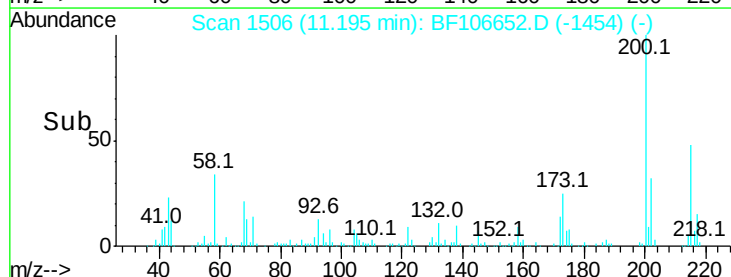
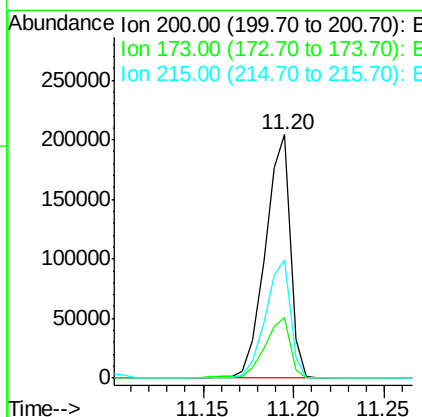
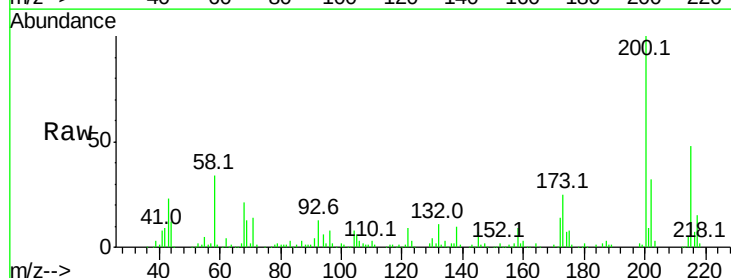
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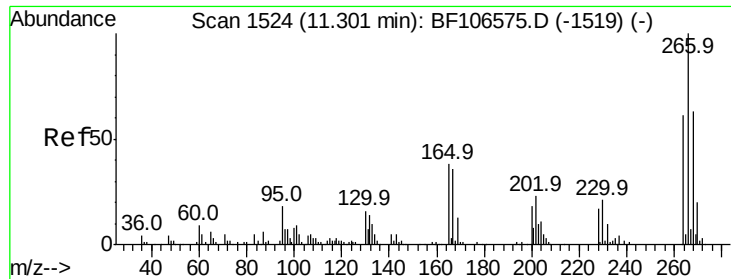
Sohil
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#68
Atrazine
Concen: 43.416 ng
RT: 11.20 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	195408		
173	25.0	8.6	48.6	
215	48.3	25.1	65.1	





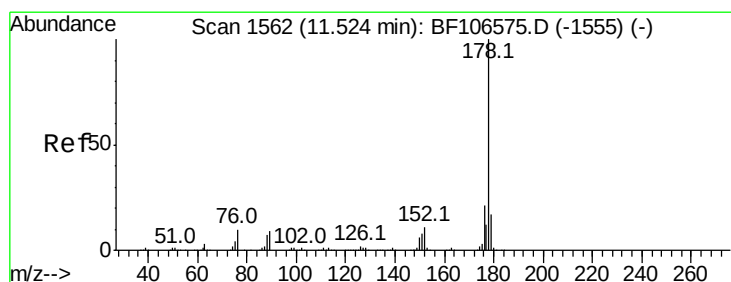
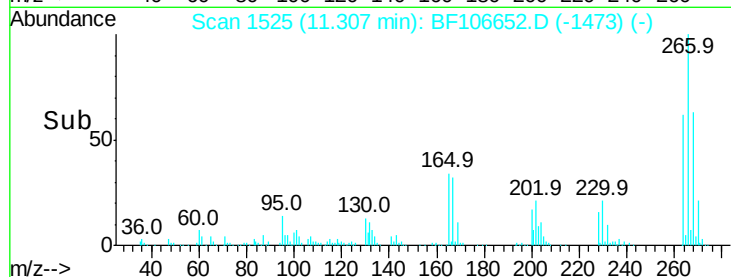
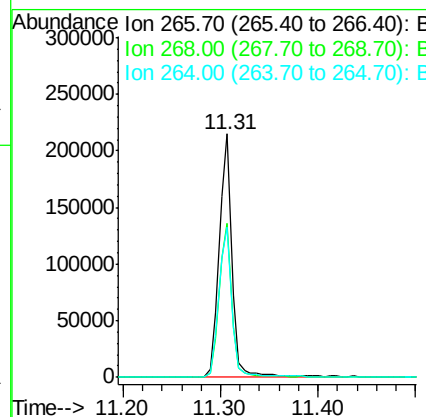
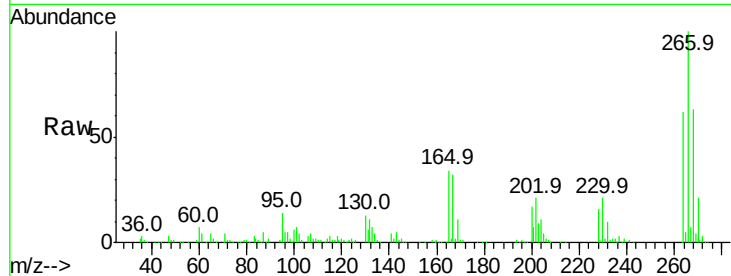
#69
 Pentachlorophenol
 Concen: 75.380 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	197753		
268	63.3	51.1	76.7	
264	61.7	49.5	74.3	

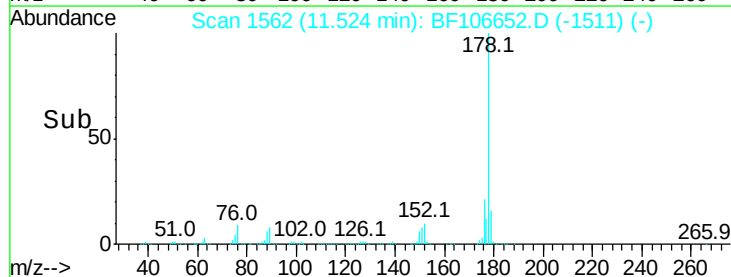
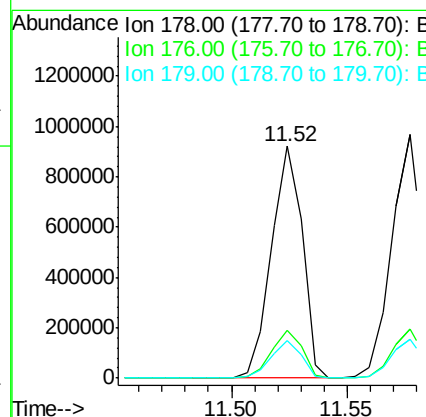
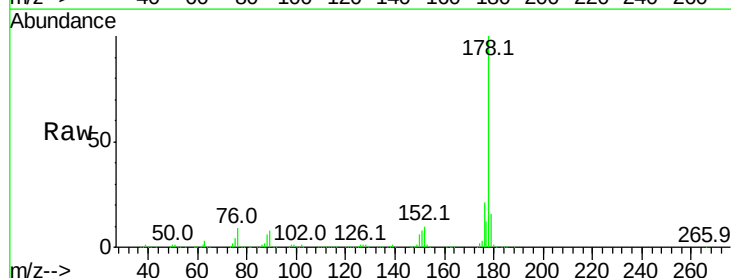
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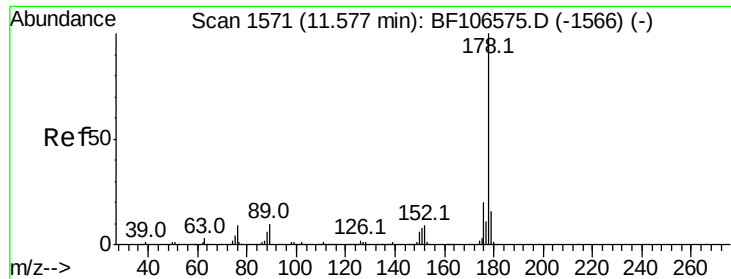
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#70
 Phenanthrene
 Concen: 42.278 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	858329		
176	20.8	15.8	23.8	
179	16.4	13.0	19.6	





#71

Anthracene

Concen: 43.228 ng

RT: 11.58 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

ClientSampleId :

PB110418BS

Tot Ion:178 Resp: 895783

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.2

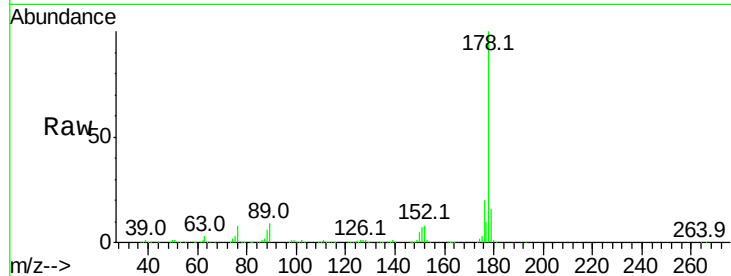
179 16.2 12.6 19.0

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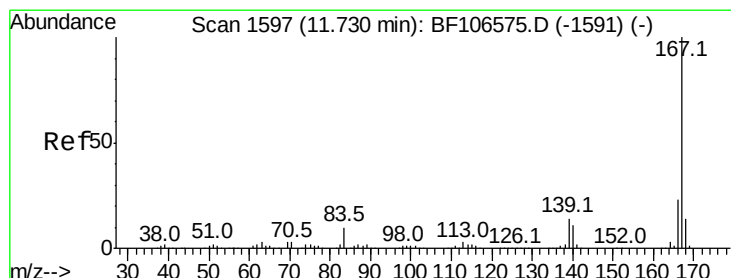
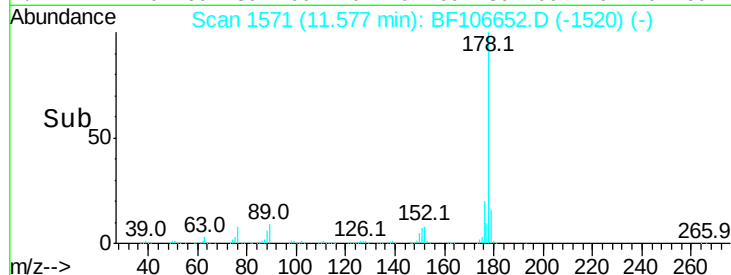
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

11.58

Time--> 11.50 11.55 11.60 11.65



#72

Carbazole

Concen: 41.316 ng

RT: 11.74 min Scan# 1598

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

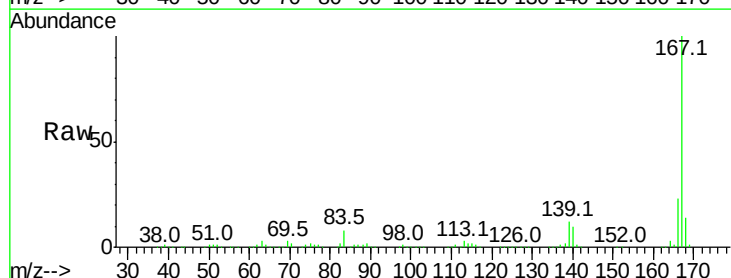
Tgt Ion:167 Resp: 801567

Ion Ratio Lower Upper

167 100

166 23.3 17.6 26.4

139 12.4 10.9 16.3



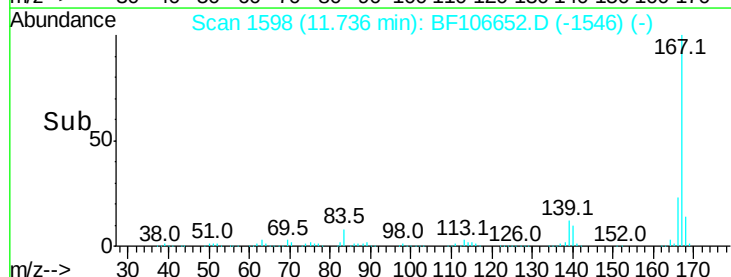
Abundance Ion 167.00 (166.70 to 167.70): E

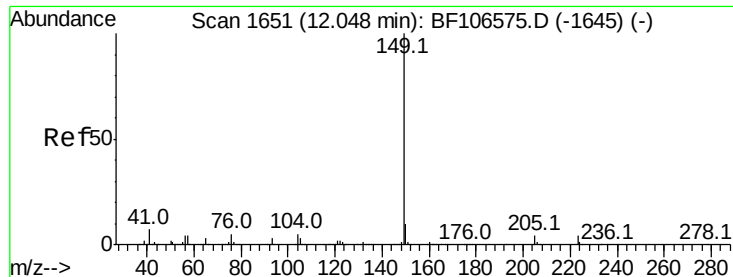
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.74

Time--> 11.70 11.80





#73

Di-n-butylphthalate

Concen: 40.175 ng

RT: 12.05 min Scan# 1651

Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

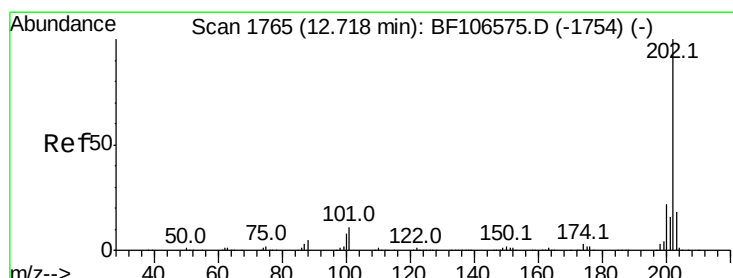
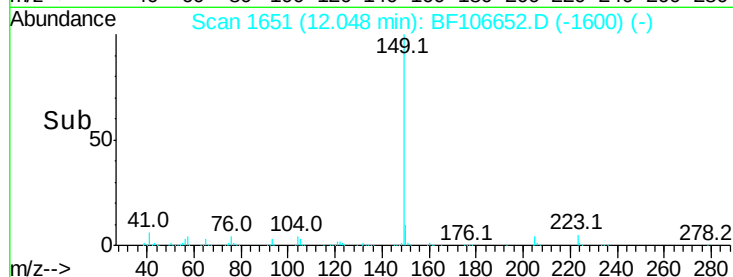
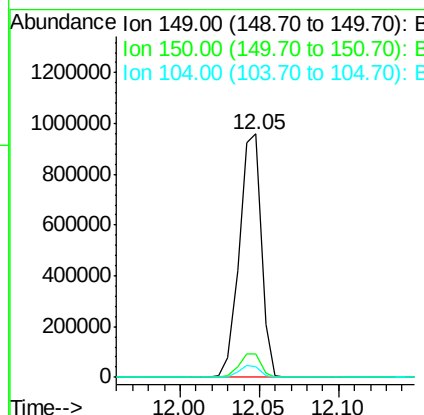
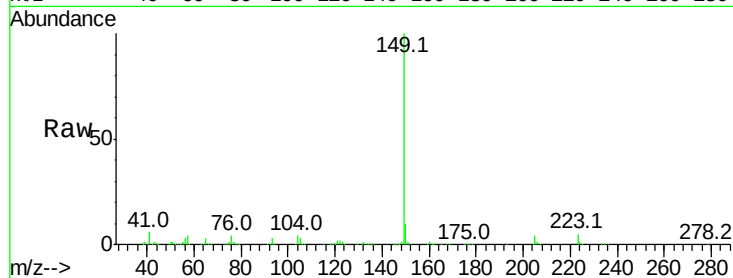
ClientSampleId :

PB110418BS

Tot Ion:	149	Resp:	918251
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.5	3.8	5.8

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#74

Fluoranthene

Concen: 43.457 ng

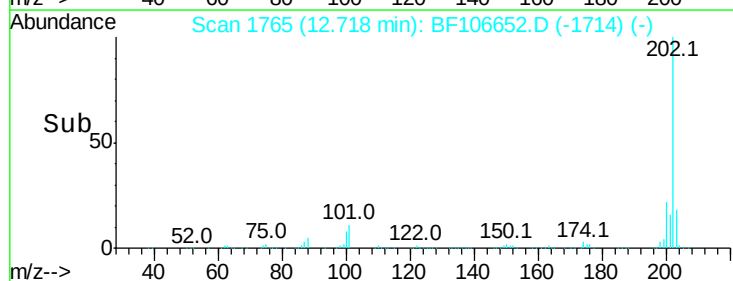
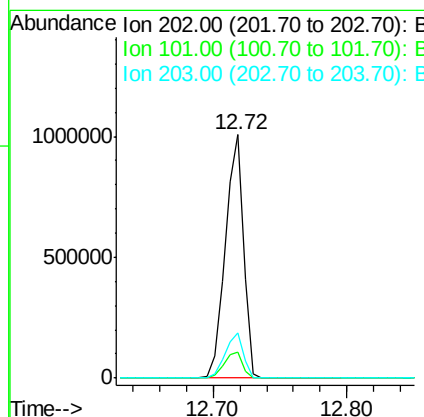
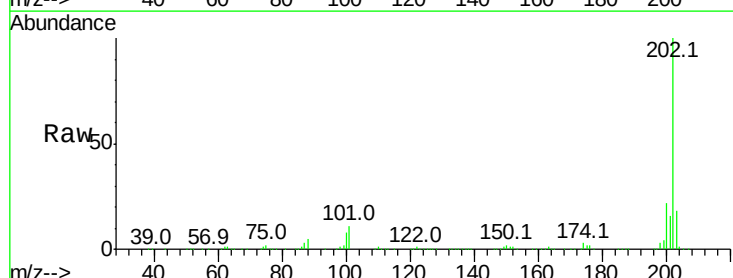
RT: 12.72 min Scan# 1765

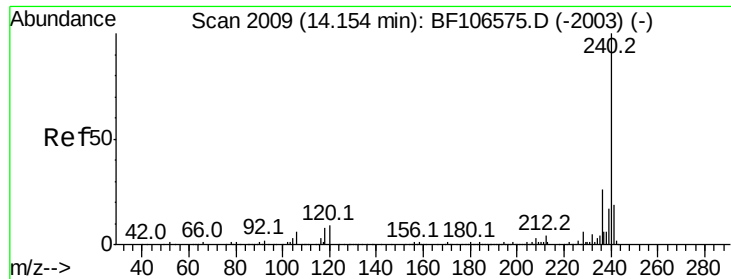
Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion:	202	Resp:	972427
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	34.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.02 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

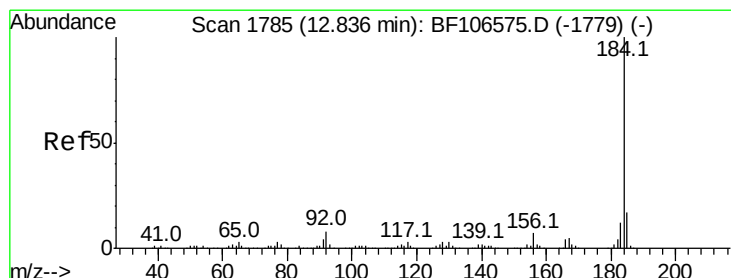
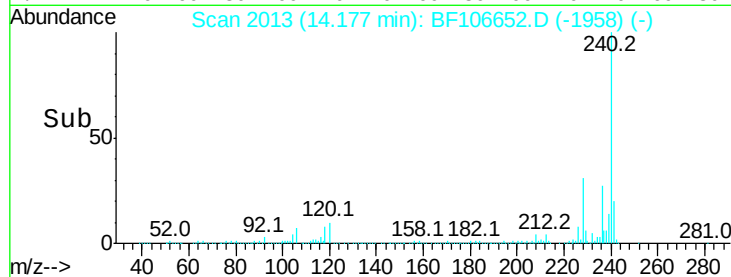
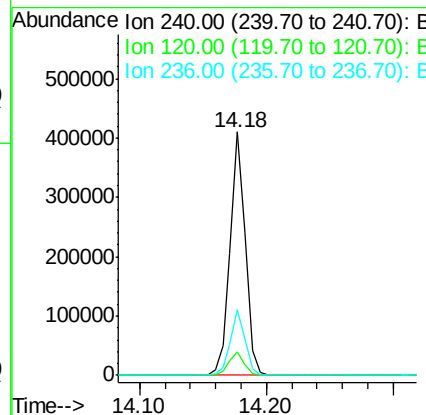
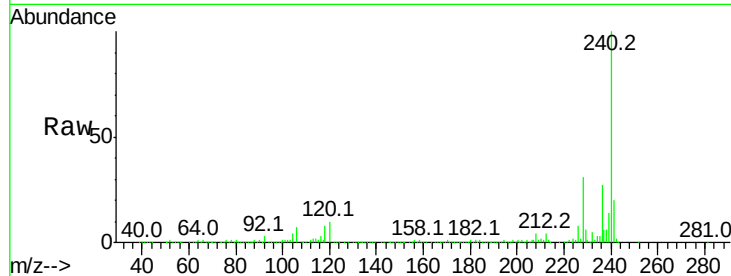
ClientSampleID :

PB110418BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.9	9.5	14.3	
236	27.0	20.7	31.1	

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#76

Benzidine

Concen: 47.816 ng

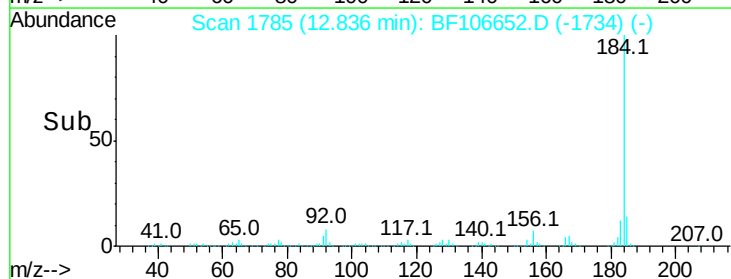
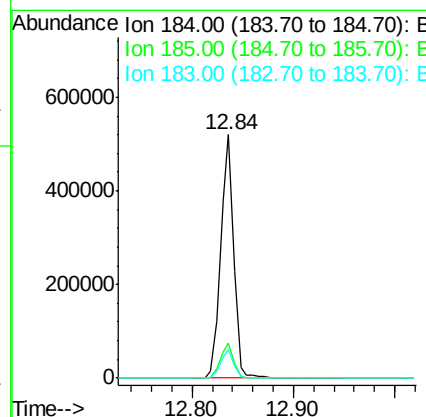
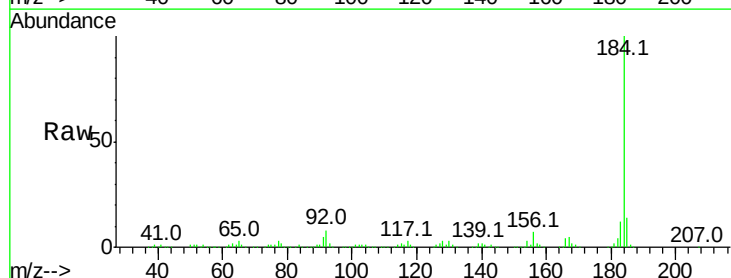
RT: 12.84 min Scan# 1785

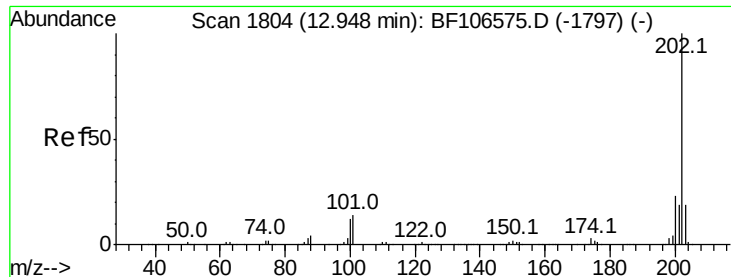
Delta R.T. 0.00 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.2	12.6	18.8	
183	11.7	9.3	13.9	





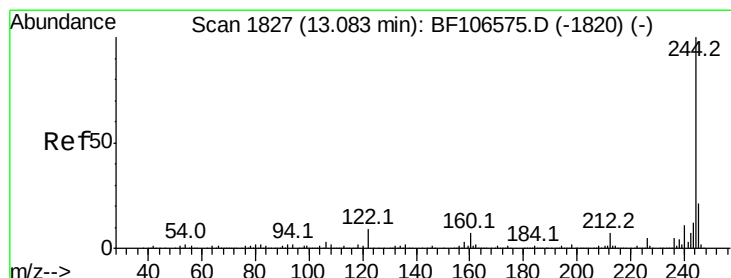
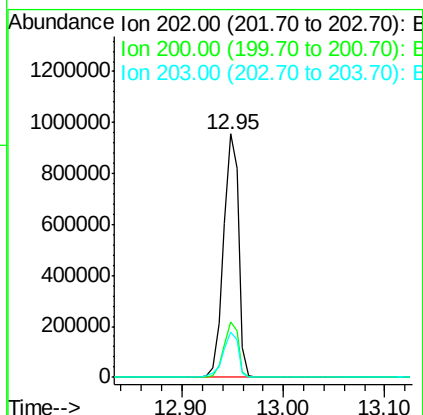
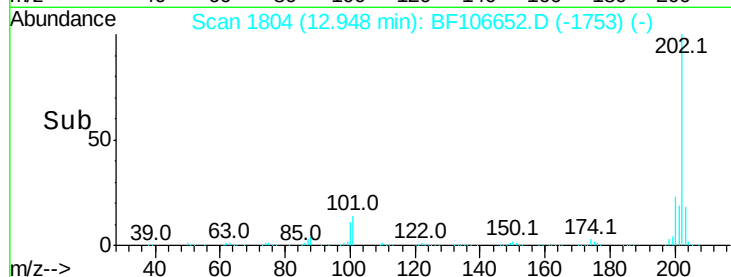
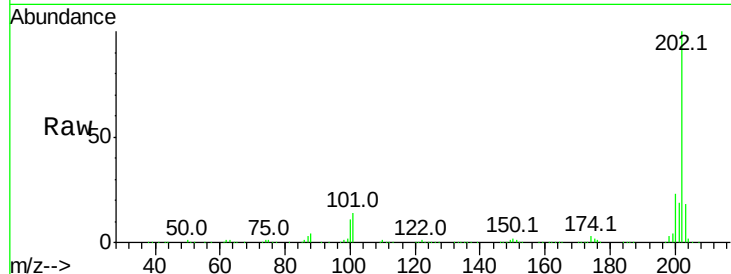
#77
Pvrene
Concen: 43.213 ng
RT: 12.95 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.4	26.2
203	18.5	14.3	21.5

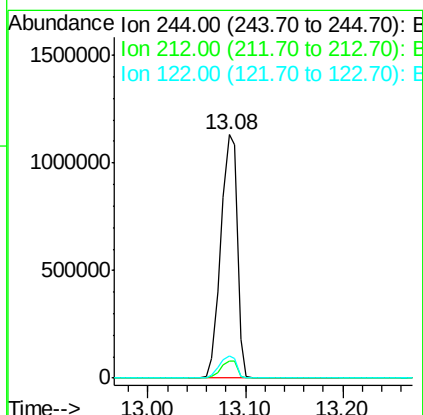
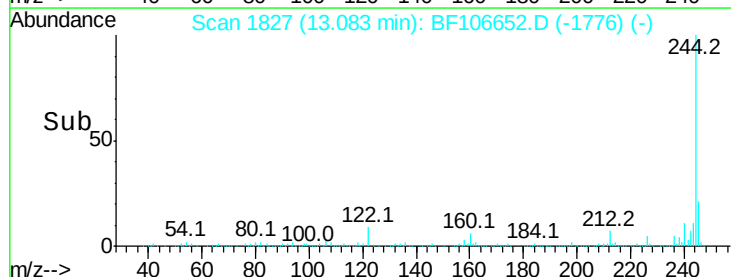
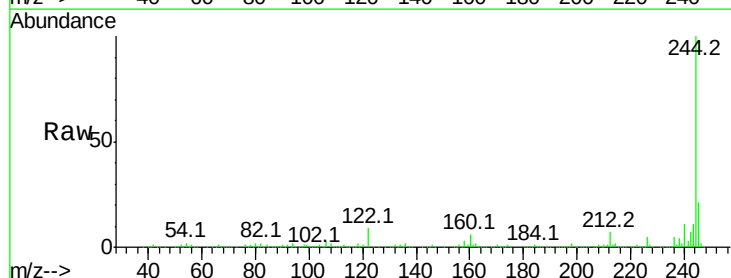
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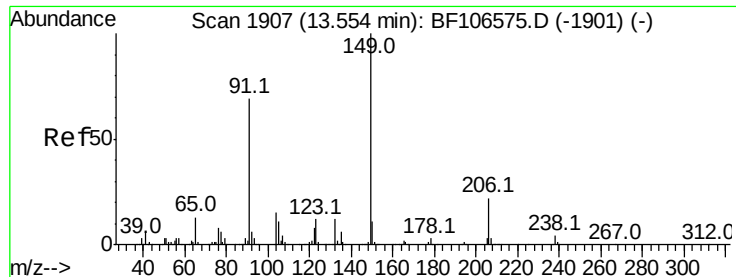
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#78
Terphenyl-d14
Concen: 93.807 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	9.1	11.0	16.4#





#79

Butylbenzylphthalate

Concen: 42.625 ng

RT: 13.56 min Scan# 1908

Delta R.T. 0.01 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

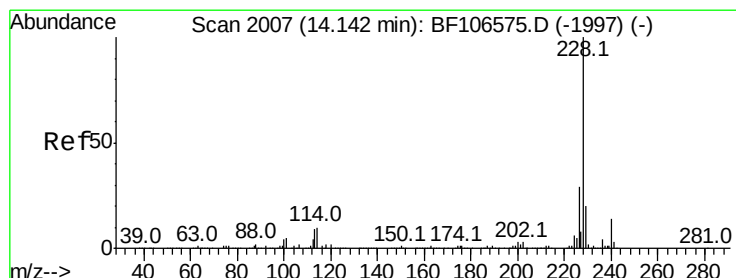
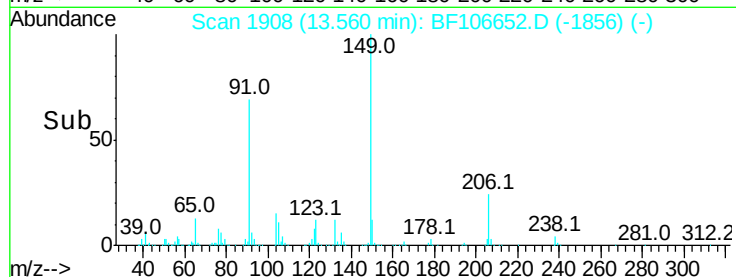
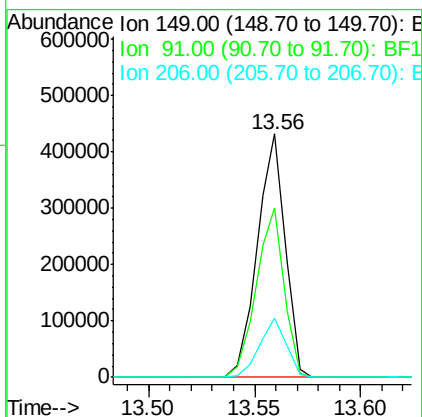
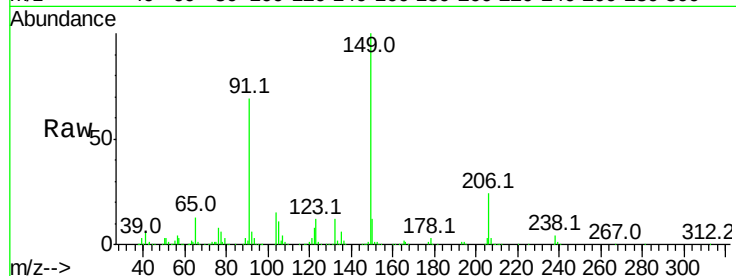
ClientSampleId :

PB110418BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	69.4	56.8	85.2
206	24.1	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 43.799 ng

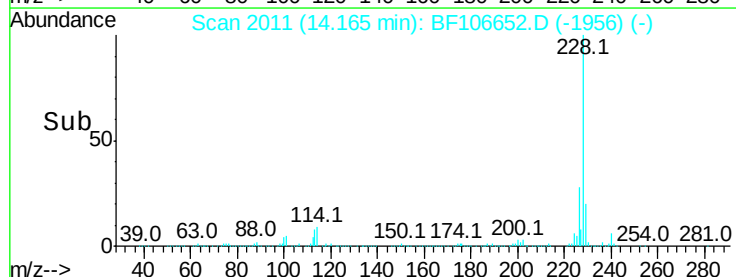
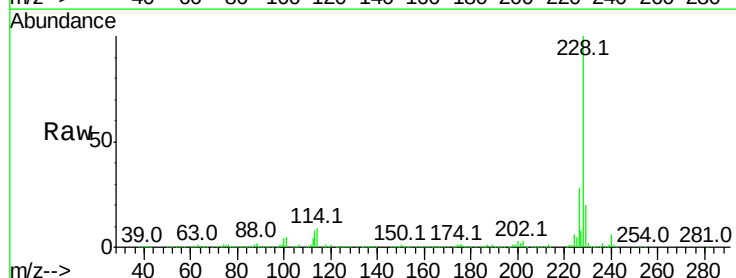
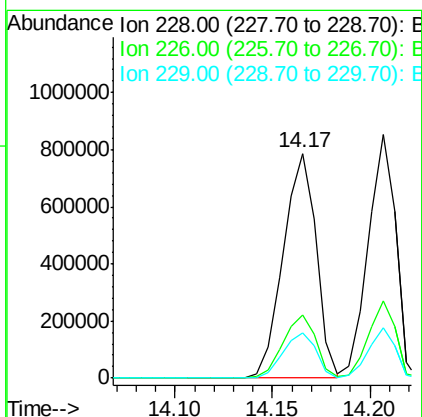
RT: 14.17 min Scan# 2011

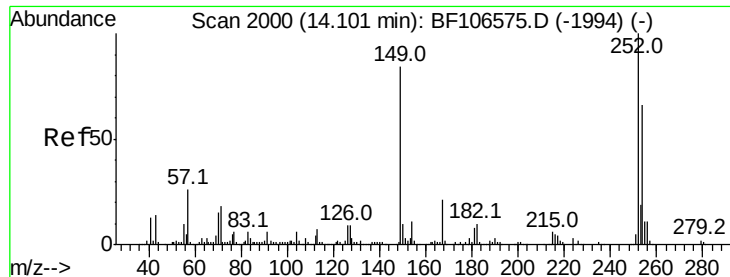
Delta R.T. 0.02 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.2	15.8	23.6





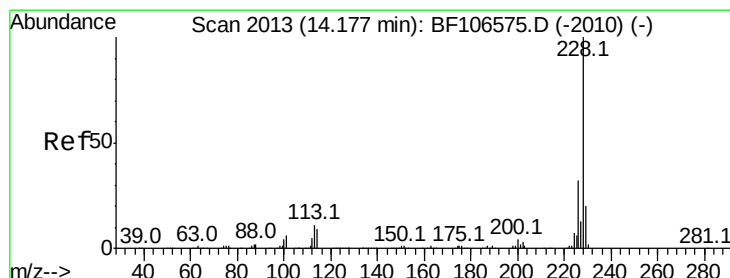
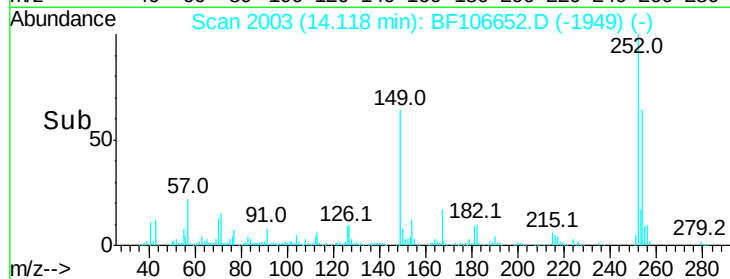
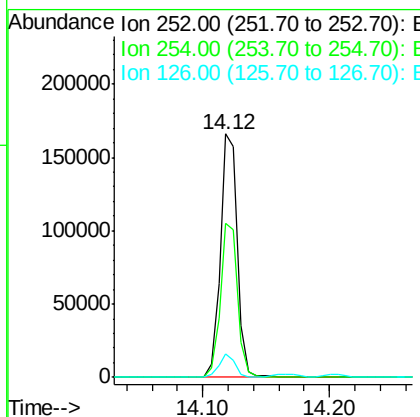
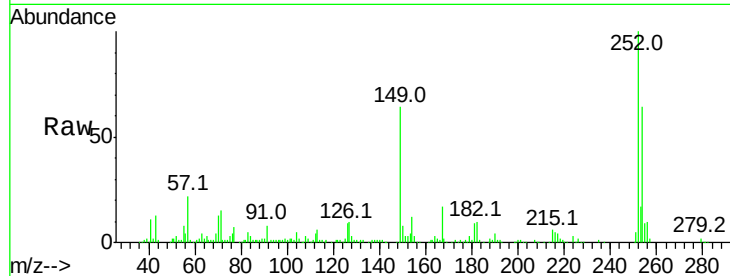
#81
 3,3'-Dichlorobenzidine
 Concen: 21.270 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. 0.02 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.4	75.6
126	9.4	11.3	16.9

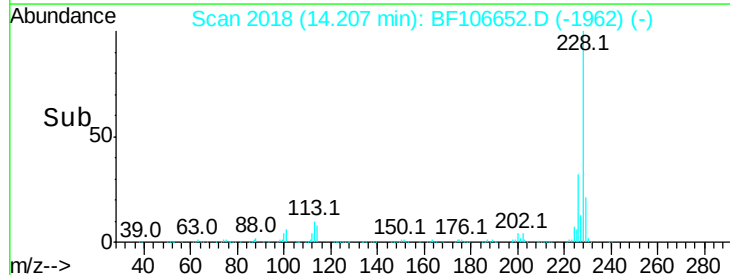
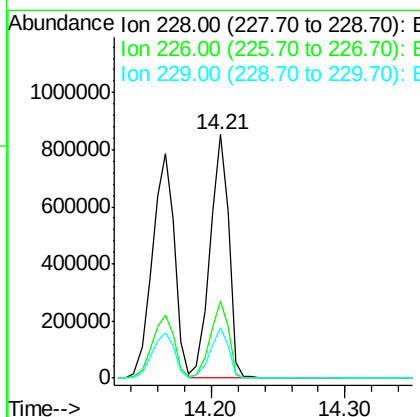
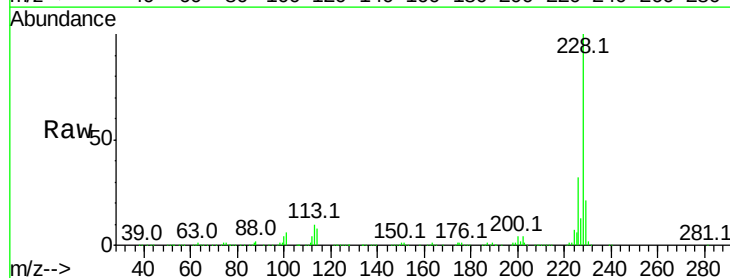
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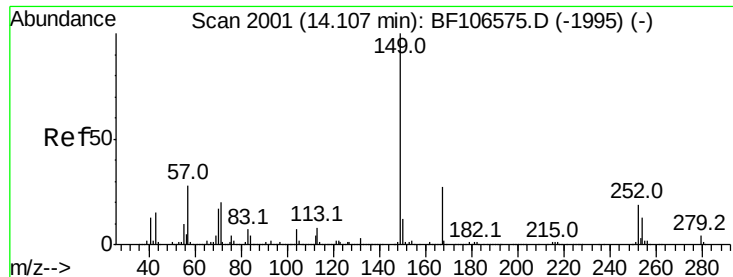
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#82
 Chrysene
 Concen: 43.423 ng
 RT: 14.21 min Scan# 2018
 Delta R.T. 0.03 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.0	37.6
229	20.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.448 ng

RT: 14.13 min Scan# 2005

Delta R.T. 0.02 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

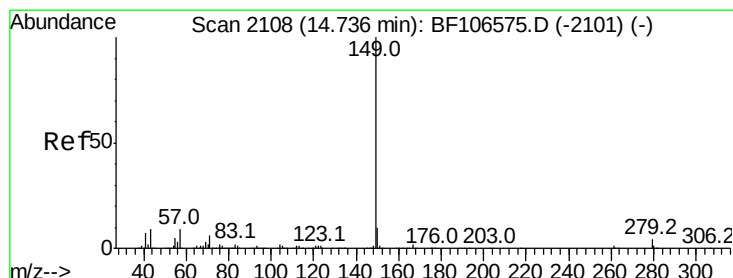
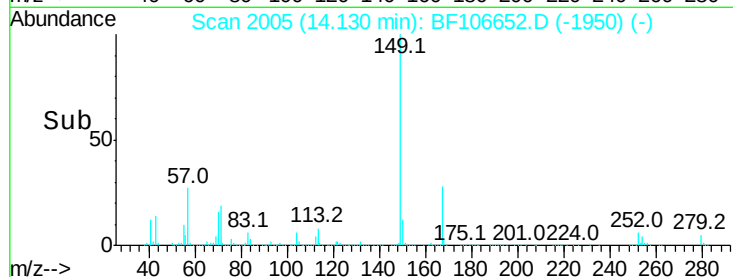
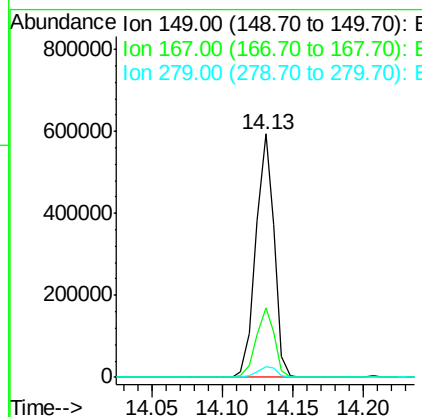
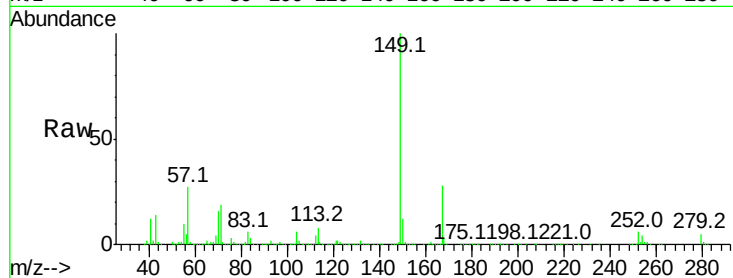
ClientSampleId :

PB110418BS

Tot Ion:	149	Resp:	540754
Ion Ratio	Lower	Upper	
149	100		
167	28.5	21.3	31.9
279	4.5	3.0	4.4#

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#84

Di-n-octyl phthalate

Concen: 42.295 ng

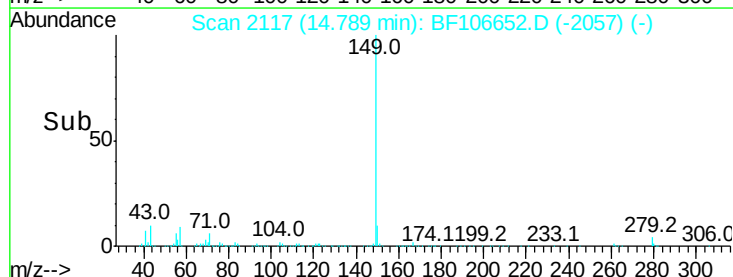
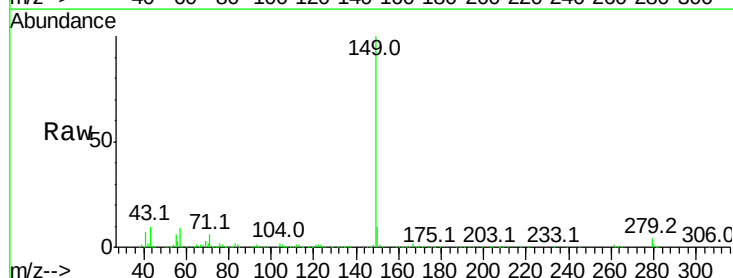
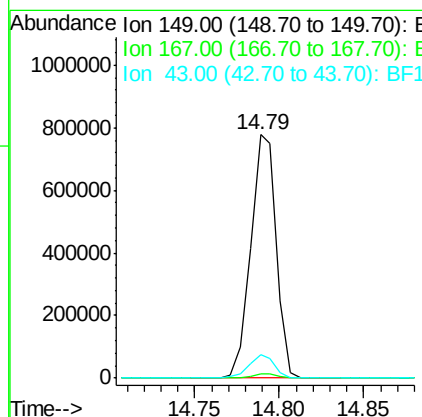
RT: 14.79 min Scan# 2117

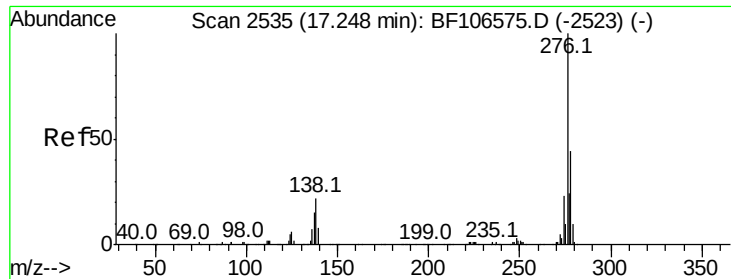
Delta R.T. 0.05 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion:	149	Resp:	820296
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	8.9	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.689 ng

RT: 17.33 min Scan# 2549

Delta R.T. 0.08 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Instrument :

BNA_F

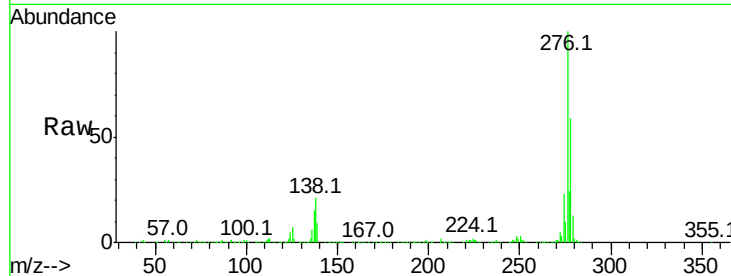
ClientSampleId :

PB110418BS

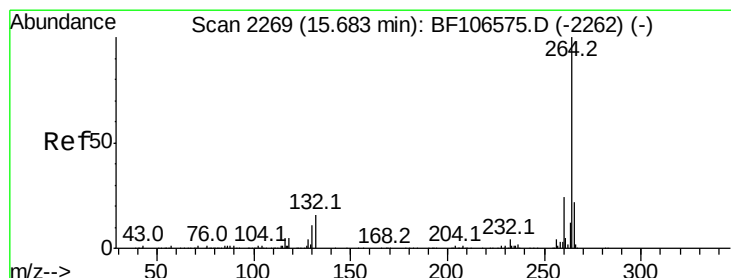
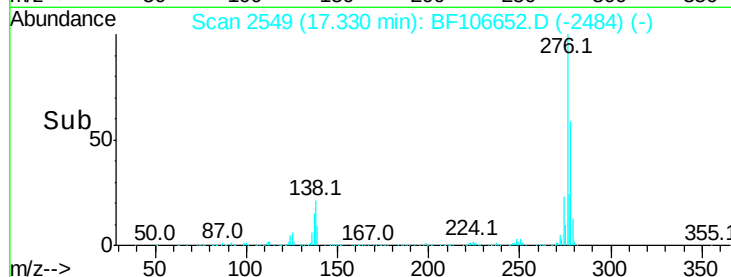
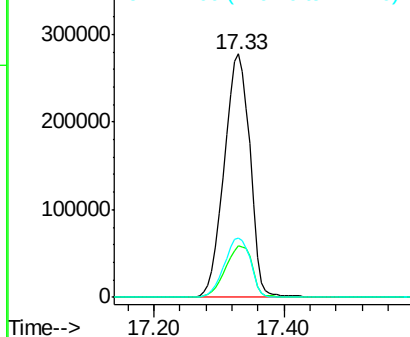
Tot Ion:	276	Resp:	762586
Ion Ratio	Lower	Upper	
276	100		
138	22.1	25.0	37.6#
277	25.0	20.1	30.1

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

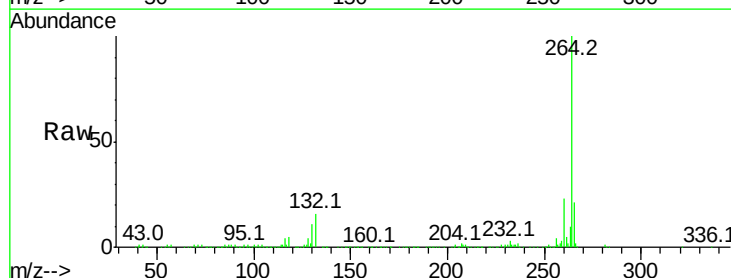
RT: 15.74 min Scan# 2279

Delta R.T. 0.06 min

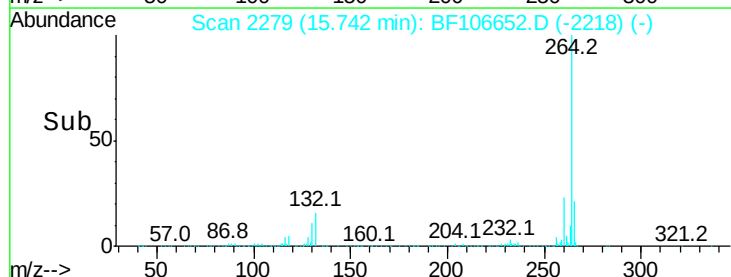
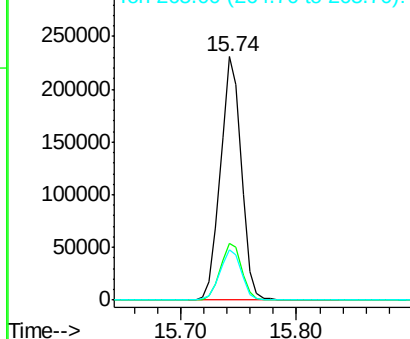
Lab File: BF106652.D

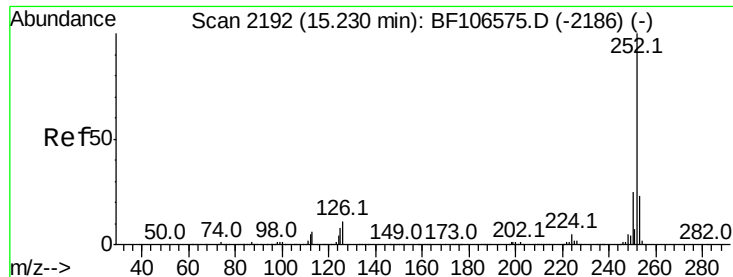
Acq: 21 Jun 2018 10:58

Tgt Ion:	264	Resp:	289790
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	20.9	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.122 ng m

RT: 15.29 min Scan# 2202

Delta R.T. 0.06 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

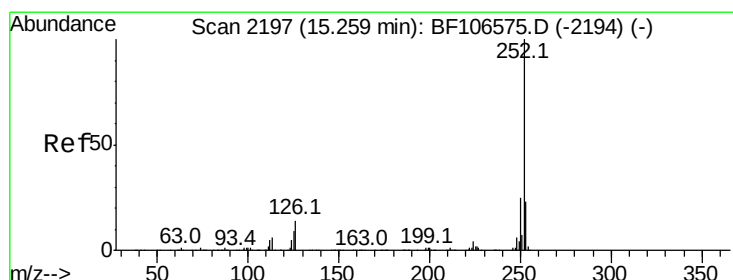
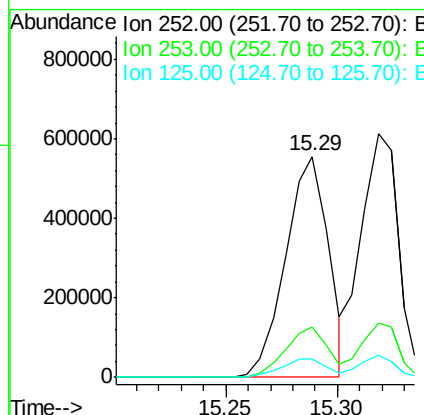
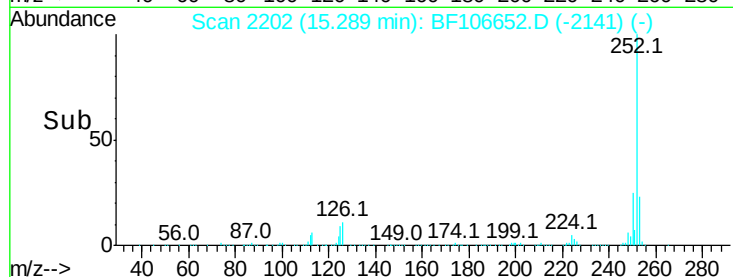
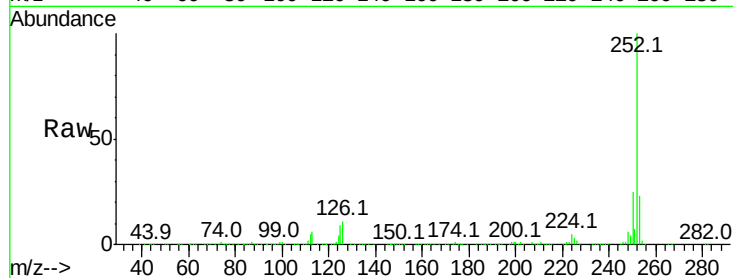
Instrument :
BNA_F

ClientSampleId :
PB110418BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	8.6	9.0	13.6#

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#88

Benzo(k)fluoranthene

Concen: 41.864 ng

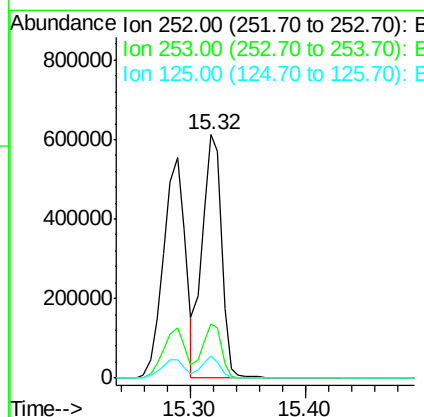
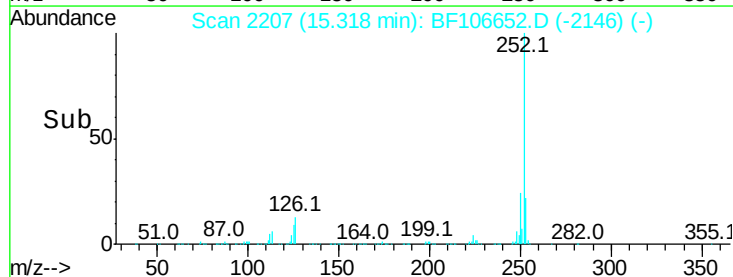
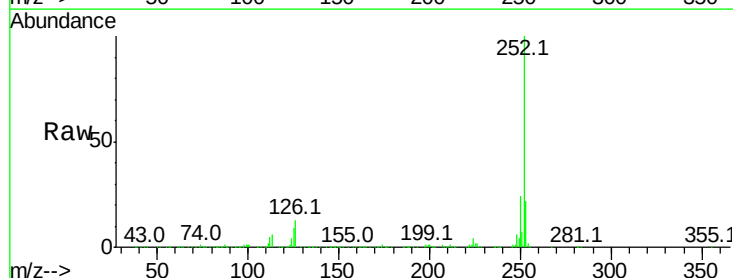
RT: 15.32 min Scan# 2207

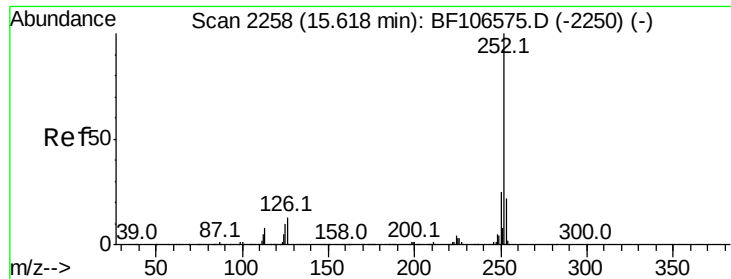
Delta R.T. 0.06 min

Lab File: BF106652.D

Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	9.2	10.2	15.2#





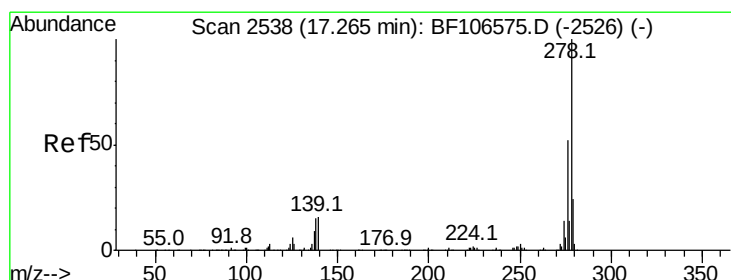
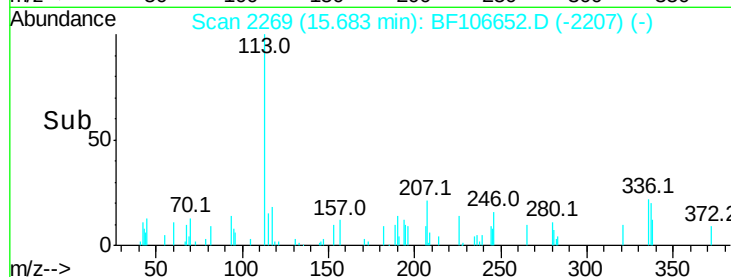
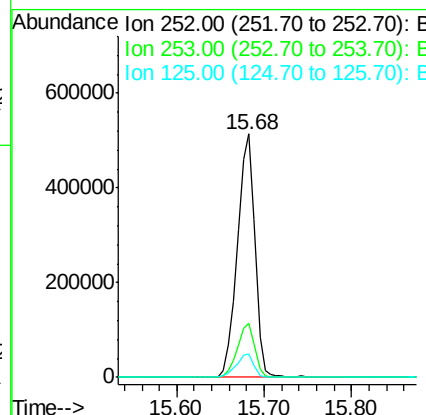
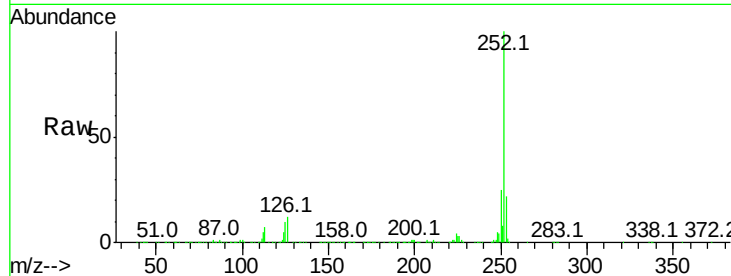
#89
Benzo(a)pyrene
Concen: 44.038 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.06 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Instrument :
BNA_F
ClientSampleId :
PB110418BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.5	9.8	14.6

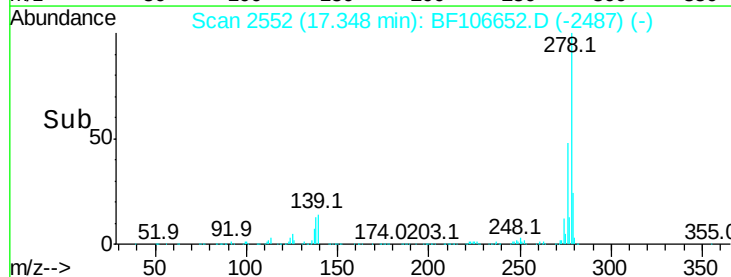
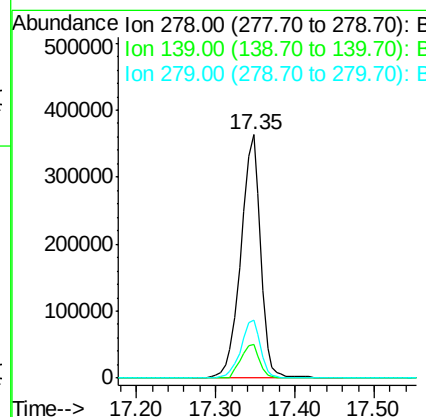
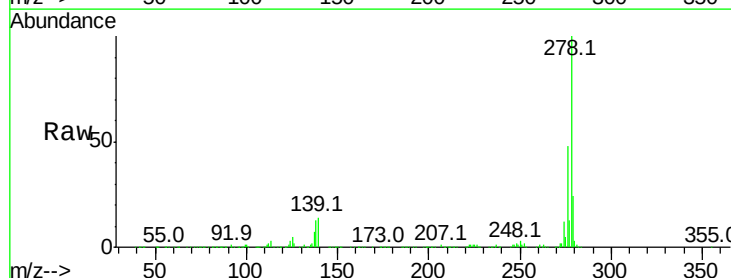
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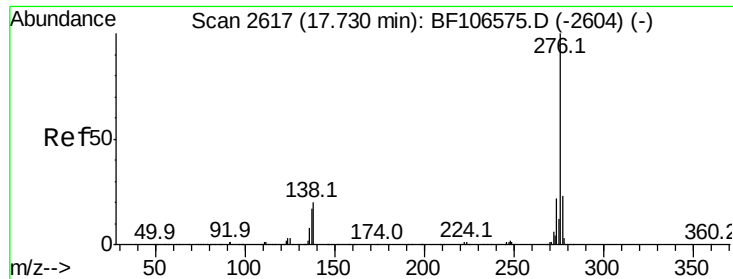
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#90
Dibenzo(a,h)anthracene
Concen: 46.338 ng
RT: 17.35 min Scan# 2552
Delta R.T. 0.08 min
Lab File: BF106652.D
Acq: 21 Jun 2018 10:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	15.9	23.9
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.453 ng
 RT: 17.81 min Scan# 2631
 Delta R.T. 0.08 min
 Lab File: BF106652.D
 Acq: 21 Jun 2018 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB110418BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	20.3	21.8	32.8#

Manual Integrations
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