

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
 Data File : BF102934.D
 Acq On : 12 Feb 2018 22:19
 Operator : SJ/JU
 Sample : PB106452BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106452BS

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:26:04 AM

Quant Time: Feb 13 02:13:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	184407	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	774544	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	332104	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	487013	20.00	ng	0.00
75) Chrysene-d12	14.06	240	320675	20.00	ng	0.00
86) Perylene-d12	15.54	264	283499	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1313667	108.19	ng	0.02
7) Phenol-d6	6.52	99	1588956	108.68	ng	0.02
23) Nitrobenzene-d5	7.45	82	1045605	93.65	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	278882	104.33	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	1613996	80.64	ng	0.00
78) Terphenyl-d14	13.00	244	1141422	84.28	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	202749	33.805	ng	88
3) Pyridine	3.52	79	597180	36.039	ng	92
4) n-Nitrosodimethylamine	3.46	42	296996	41.891	ng	# 94
6) Aniline	6.55	93	437879	20.280	ng	95
8) 2-Chlorophenol	6.67	128	474191	37.932	ng	97
9) Benzaldehyde	6.43	77	129046	11.885	ng	95
10) Phenol	6.53	94	610659	38.973	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	493236	37.830	ng	91
12) 1,3-Dichlorobenzene	6.83	146	505677	34.931	ng	99
13) 1,4-Dichlorobenzene	6.90	146	508208	35.242	ng	99
14) 1,2-Dichlorobenzene	7.06	146	464075	34.551	ng	100
15) Benzyl Alcohol	7.03	79	437265	38.900	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	862077	34.807	ng	99
17) 2-Methylphenol	7.14	107	418393	36.284	ng	99
18) Hexachloroethane	7.40	117	172099	34.803	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	339801	35.250	ng	93
20) 3+4-Methylphenols	7.29	107	474109	33.341	ng	# 82
22) Acetophenone	7.29	105	650106	34.299	ng	# 87
24) Nitrobenzene	7.47	77	537482	40.918	ng	97
25) Isophorone	7.70	82	1009849	39.279	ng	97
26) 2-Nitrophenol	7.79	139	246656	46.127	ng	97
27) 2,4-Dimethylphenol	7.82	122	459298	42.285	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	617733	40.560	ng	99
29) 2,4-Dichlorophenol	8.03	162	380501	38.535	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	389950	34.909	ng	99
31) Naphthalene	8.19	128	1339627	35.400	ng	99
32) Benzoic acid	7.92	122	173804	28.664	ng	98
33) 4-Chloroaniline	8.23	127	184144	11.296	ng	94
34) Hexachlorobutadiene	8.30	225	196753	34.373	ng	99
35) Caprolactam	8.61	113	123466m	36.005	ng	
36) 4-Chloro-3-methylphenol	8.72	107	435108	39.219	ng	99
37) 2-Methylnaphthalene	8.88	142	887895	35.837	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	337120	37.281	ng	98
40) Hexachlorocyclopentadiene	9.03	237	90239	20.992	ng	95

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Manual Integrations
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Sohil
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	235884	39.715	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	239942	35.843	ng	98
45) 1,1'-Biphenyl	9.35	154	1020461	36.481	ng	98
46) 2-Chloronaphthalene	9.37	162	788213	35.793	ng	99
47) 2-Nitroaniline	9.47	65	308592	45.599	ng	87
48) Acenaphthylene	9.79	152	1175536	34.369	ng	99
49) Dimethylphthalate	9.65	163	963184	37.196	ng	100
50) 2,6-Dinitrotoluene	9.71	165	202190	41.041	ng	92
51) Acenaphthene	9.96	154	705699	34.501	ng	100
52) 3-Nitroaniline	9.88	138	167977	27.711	ng	96
53) 2,4-Dinitrophenol	9.99	184	31214	33.919	ng	# 22
54) Dibenzofuran	10.13	168	1039041	36.045	ng	98
55) 4-Nitrophenol	10.04	139	285849	58.519	ng	90
56) 2,4-Dinitrotoluene	10.12	165	259249	39.799	ng	97
57) Fluorene	10.47	166	750863	35.801	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	164172	35.384	ng	95
59) Diethylphthalate	10.35	149	934148	36.535	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	351795	37.917	ng	97
61) 4-Nitroaniline	10.49	138	205085	35.543	ng	97
62) Azobenzene	10.63	77	949355	37.166	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	29996	21.921	ng	94
65) n-Nitrosodiphenylamine	10.59	169	709636	41.310	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	211657	41.085	ng	94
67) Hexachlorobenzene	11.02	284	210242	36.993	ng	99
68) Atrazine	11.11	200	206415	40.731	ng	97
69) Pentachlorophenol	11.22	266	166264	49.836	ng	97
70) Phenanthrene	11.44	178	969924	35.760	ng	99
71) Anthracene	11.49	178	1006924	36.500	ng	100
72) Carbazole	11.64	167	915142	33.861	ng	99
73) Di-n-butylphthalate	11.97	149	1350502	41.136	ng	99
74) Fluoranthene	12.63	202	878357	32.187	ng	98
76) Benzidine	12.74	184	461262	31.297	ng	99
77) Pyrene	12.86	202	887849	35.308	ng	100
79) Butylbenzylphthalate	13.47	149	490208	40.910	ng	99
80) Benzo(a)anthracene	14.04	228	772844	38.321	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	268009	35.841	ng	99
82) Chrysene	14.09	228	731347	35.974	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	691353	44.881	ng	# 99
84) Di-n-octyl phthalate	14.64	149	1149380	49.693	ng	97
85) Indeno(1,2,3-cd)pyrene	17.04	276	593223	35.183	ng	98
87) Benzo(b)fluoranthene	15.10	252	710079	38.633	ng	98
88) Benzo(k)fluoranthene	15.13	252	712404	40.565	ng	99
89) Benzo(a)pyrene	15.48	252	642356	38.826	ng	97
90) Dibenzo(a,h)anthracene	17.06	278	498062	37.090	ng	98
91) Benzo(g,h,i)perylene	17.50	276	472773	35.969	ng	99

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

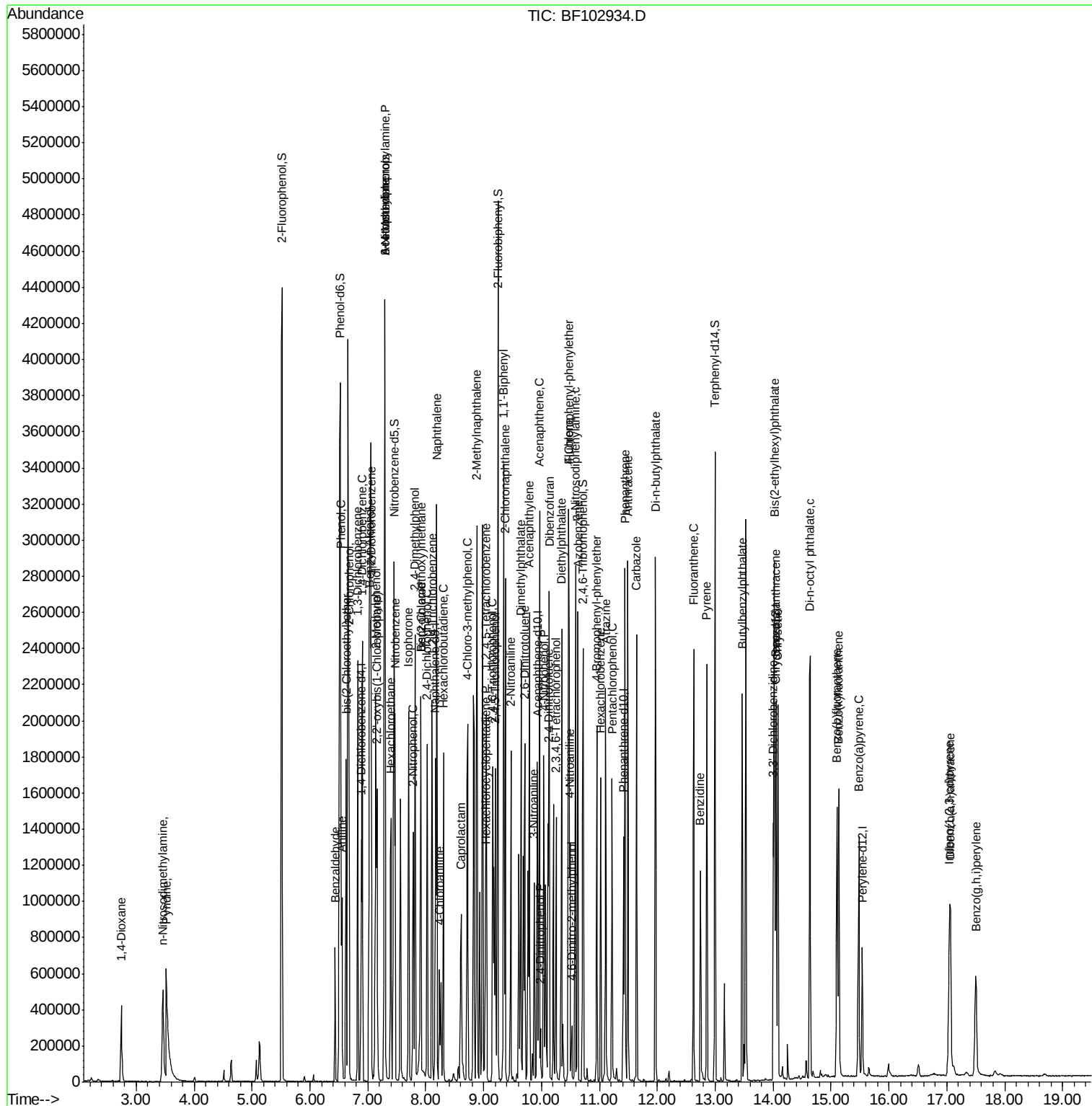
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF021218\
Data File : BF102934.D
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Operator : SJ/JU
Sample : PB106452BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

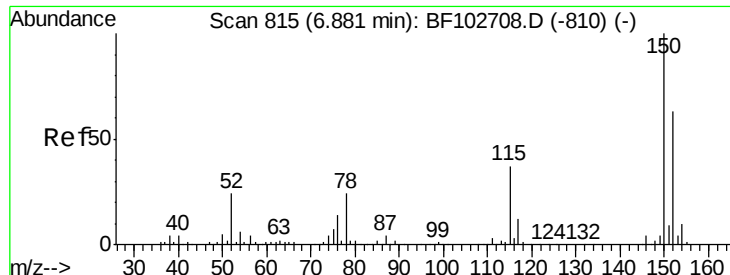
Instrument :
BNA_F
ClientSampled :
PB106452BS

Manual Integrations
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Sohil
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#1

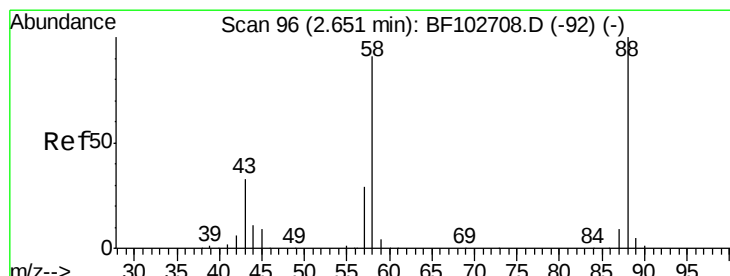
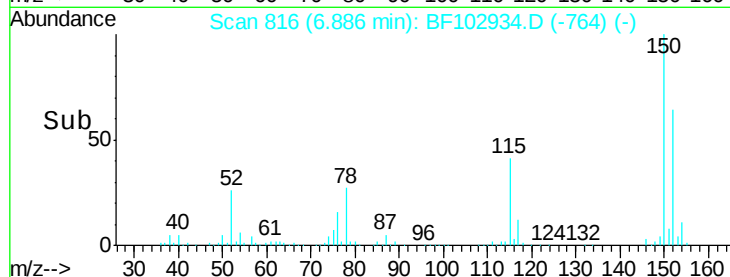
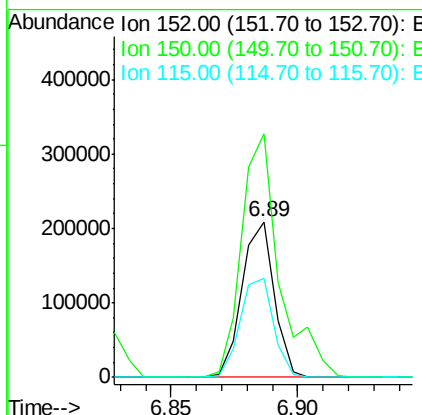
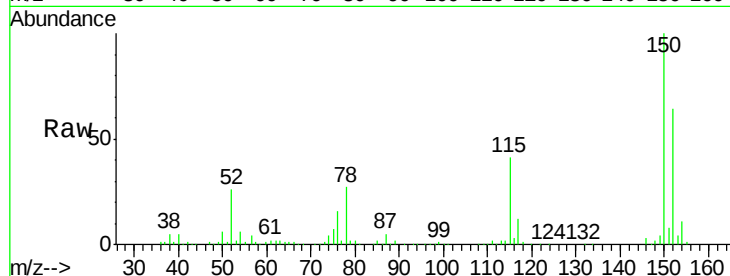
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	63.8	50.1	75.1

Manual Integrations
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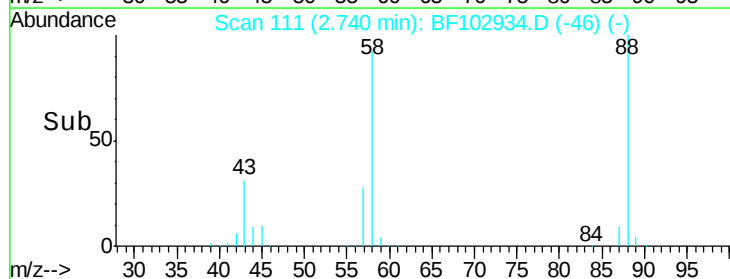
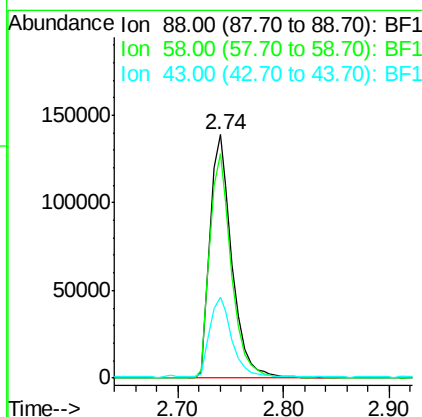
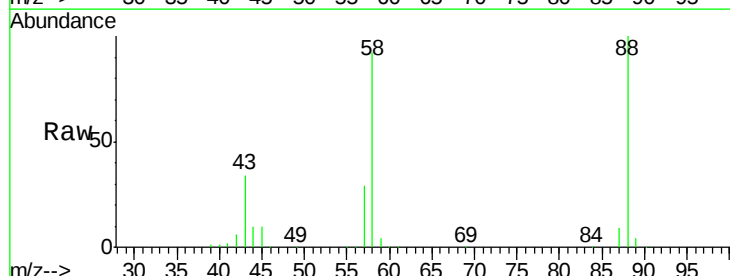
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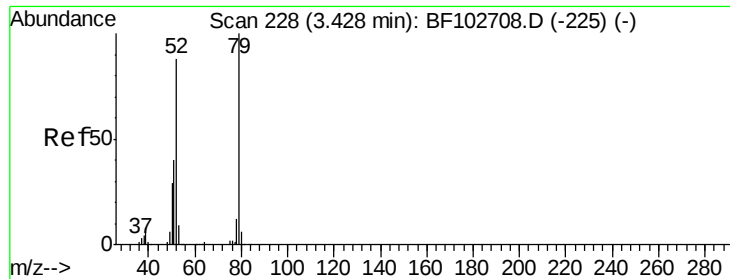


#2

1,4-Dioxane
Concen: 33.805 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.08 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.7	62.6	93.8
43	33.0	24.6	37.0





#3

Pvridine

Concen: 36.039 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.08 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

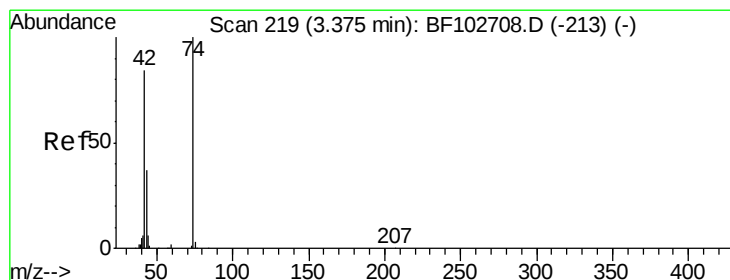
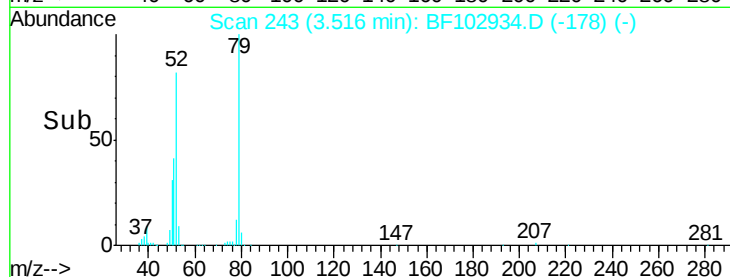
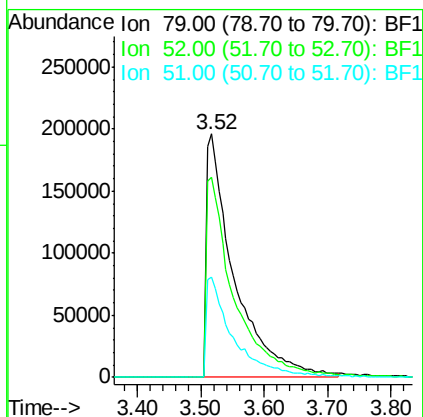
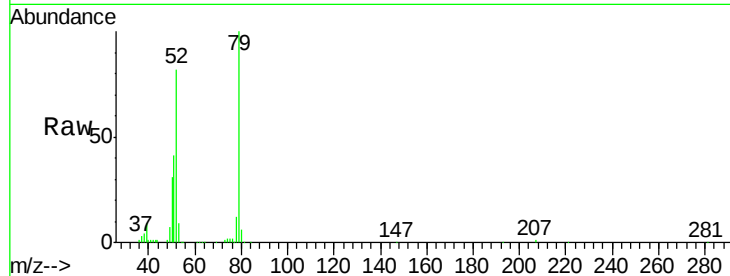
ClientSampleId :

PB106452BS

Tot Ion:	79	Resp:	597180
Ion Ratio	Lower	Upper	
79	100		
52	82.2	59.8	89.6
51	41.1	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 41.891 ng

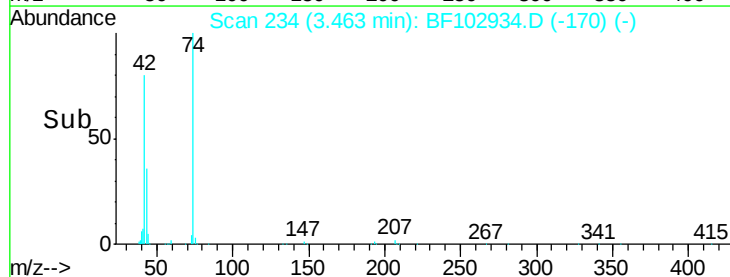
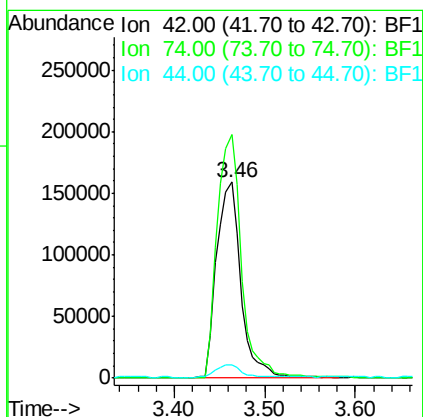
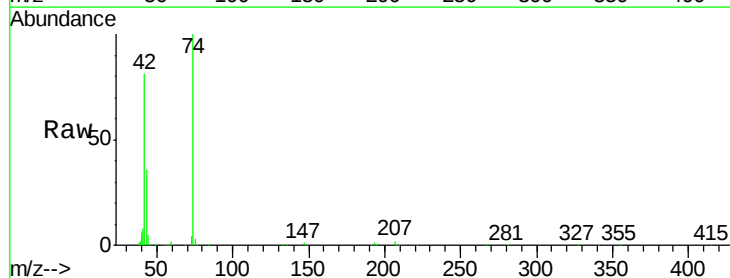
RT: 3.46 min Scan# 234

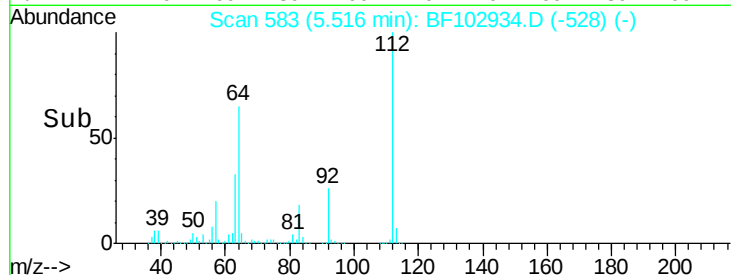
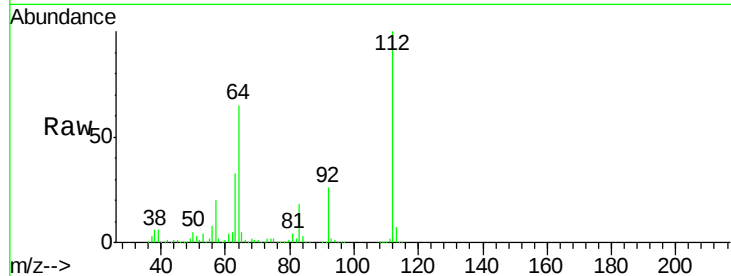
Delta R.T. 0.08 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tgt Ion:	42	Resp:	296996
Ion Ratio	Lower	Upper	
42	100		
74	124.2	104.9	157.3
44	6.7	6.9	10.3#





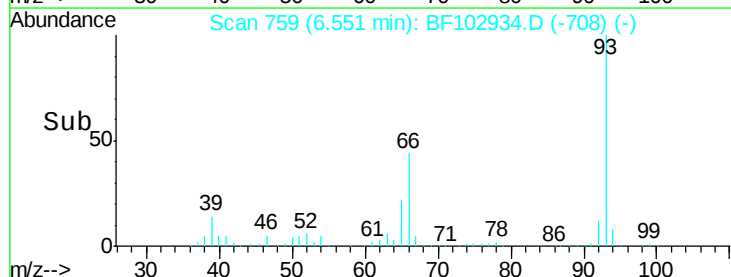
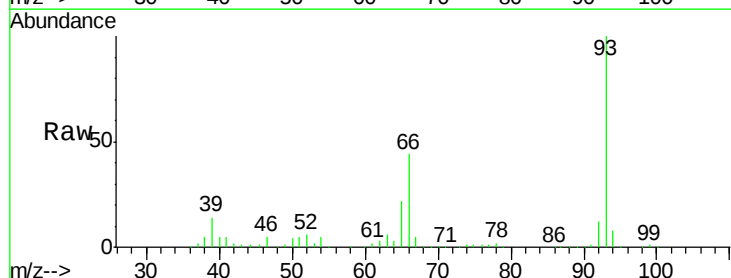
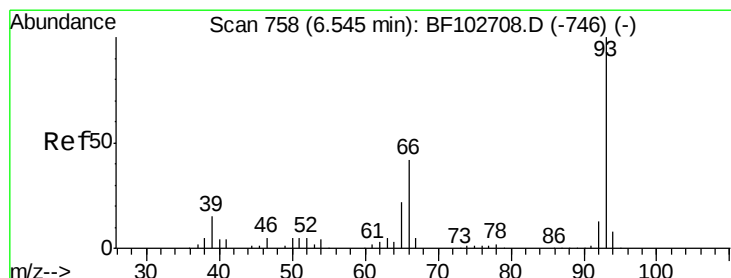
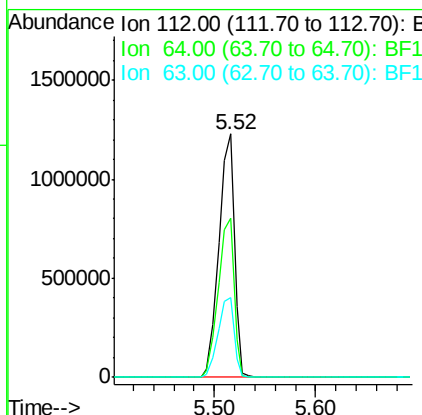
#5
2-Fluorophenol
Concen: 108.186 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tot Ion: 112 Resp: 1313667
Ion Ratio Lower Upper
112 100
64 65.3 47.9 71.9
63 32.7 23.7 35.5

Instrument :
BNA_F
ClientSampleId :
PB106452BS

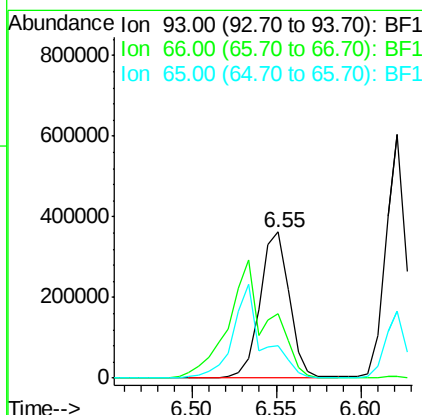
Manual Integrations
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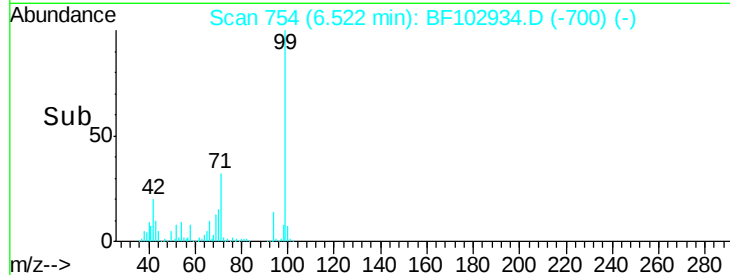
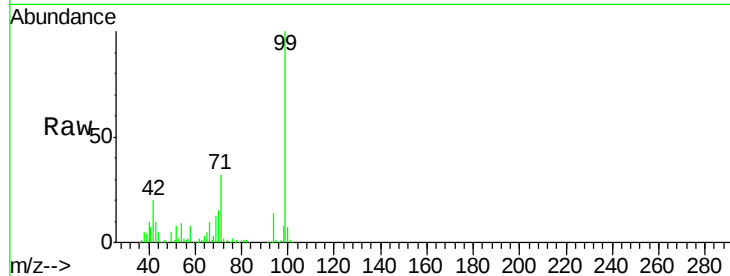
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#6
Aniline
Concen: 20.280 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion: 93 Resp: 437879
Ion Ratio Lower Upper
93 100
66 44.0 32.2 48.2
65 22.2 16.4 24.6





#7

Phenol-d6

Concen: 108.679 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tot Ion:	99	Resp:	1588956
Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.5	21.7
71	32.5	25.4	38.0

Instrument :

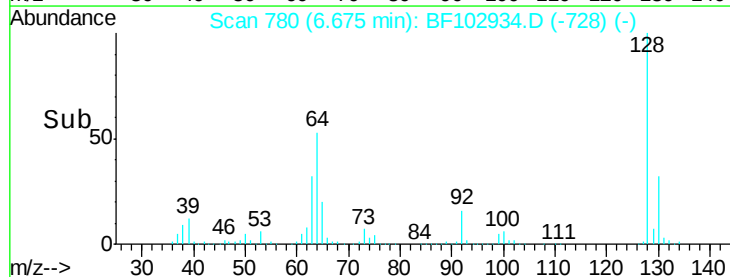
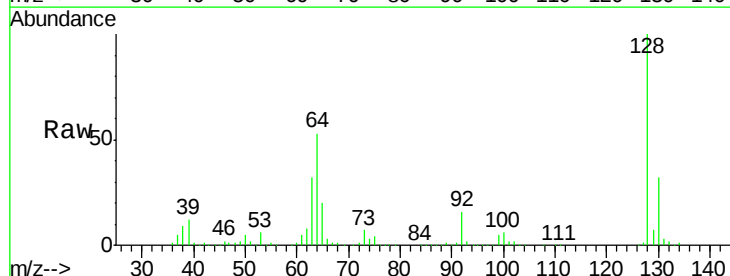
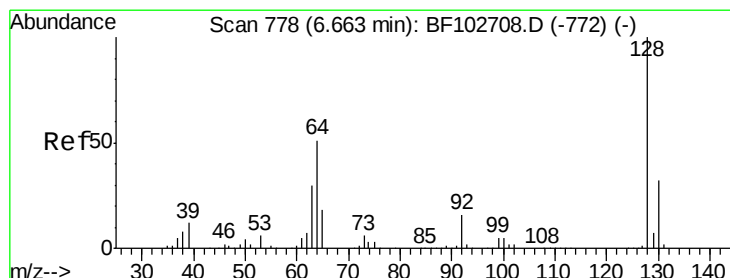
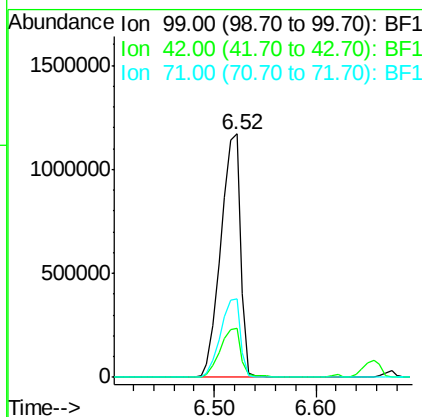
BNA_F

ClientSampleId :

PB106452BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.932 ng

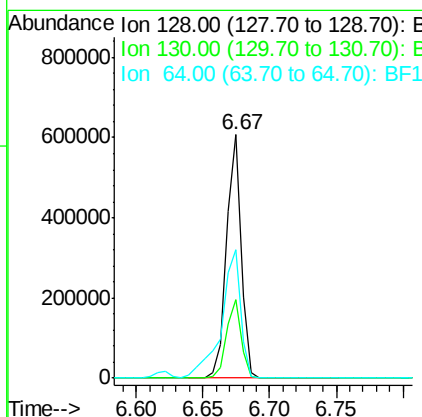
RT: 6.67 min Scan# 780

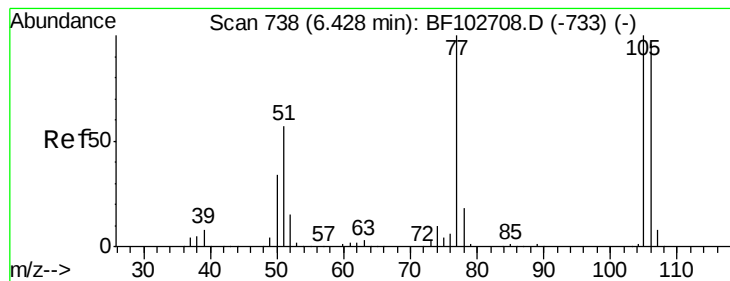
Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tgt Ion:	128	Resp:	474191
Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.0	53.0
64	52.5	29.4	69.4





#9

Benzaldehyde

Concen: 11.885 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

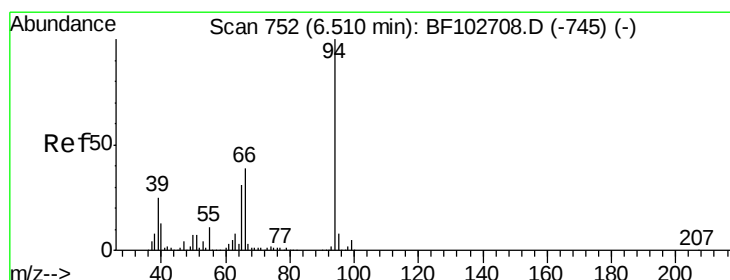
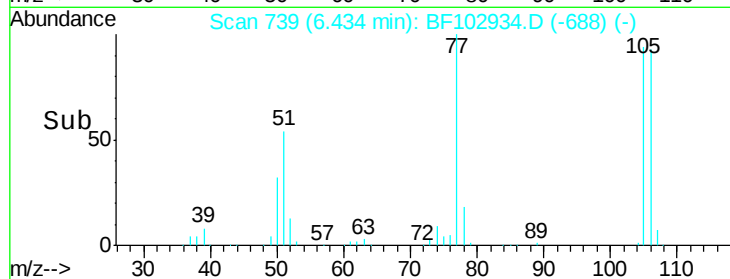
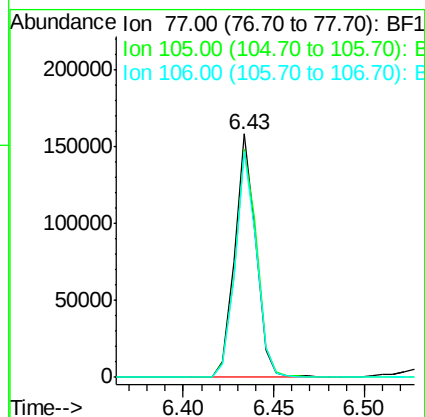
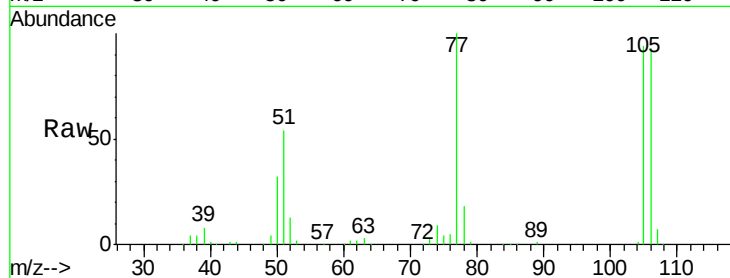
ClientSampleId :

PB106452BS

Tot Ion:	77	Resp:	129046
Ion Ratio	Lower	Upper	
77	100		
105	93.7	81.1	121.1
106	92.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 38.973 ng

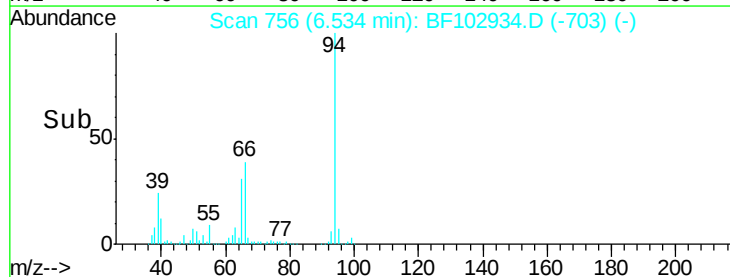
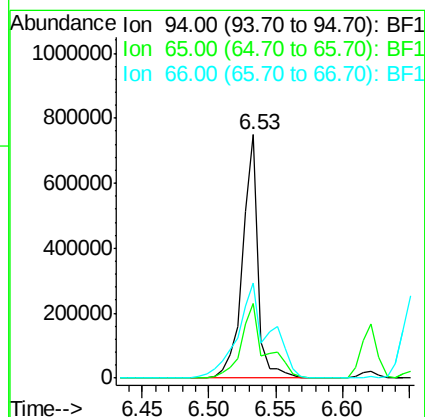
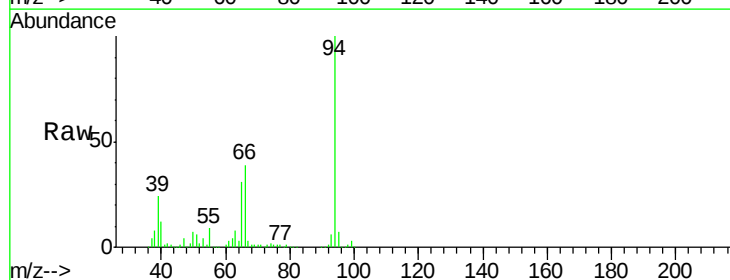
RT: 6.53 min Scan# 756

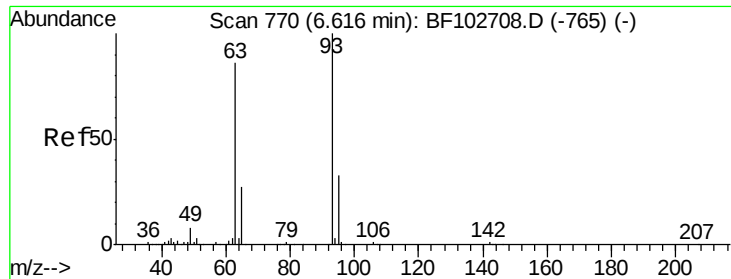
Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tgt Ion:	94	Resp:	610659
Ion Ratio	Lower	Upper	
94	100		
65	30.9	7.9	47.9
66	39.1	16.2	56.2





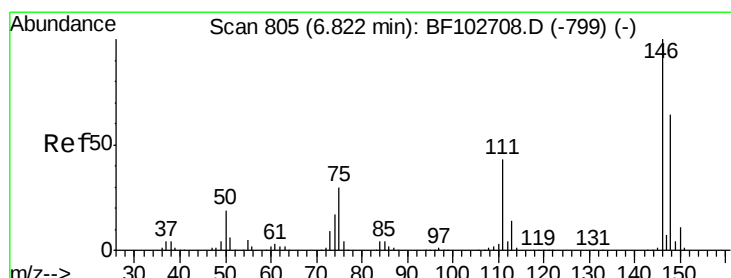
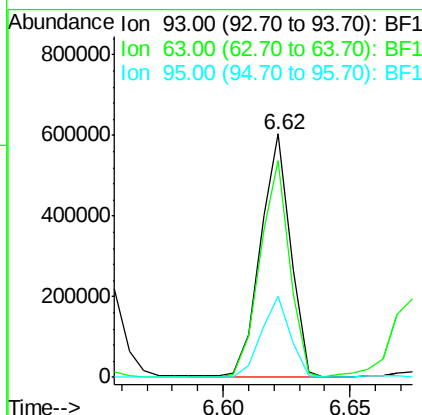
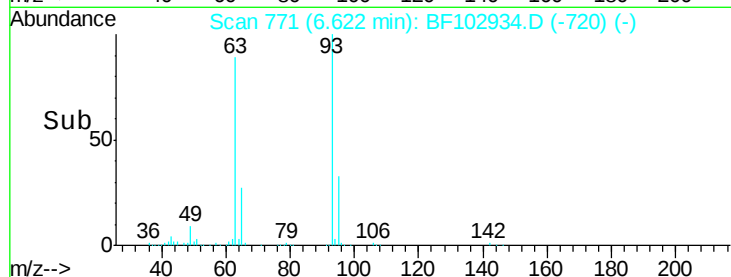
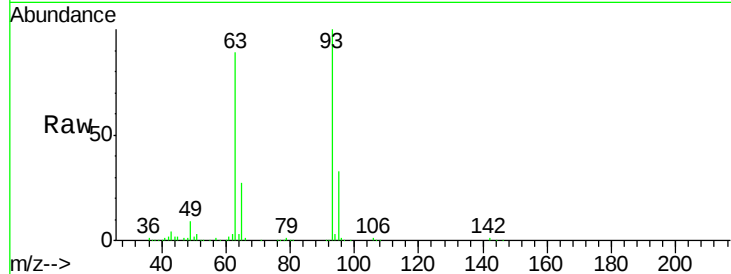
#11
bis(2-Chloroethyl)ether
Concen: 37.830 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	493236		
63	89.1	58.6	98.6	
95	33.1	11.8	51.8	

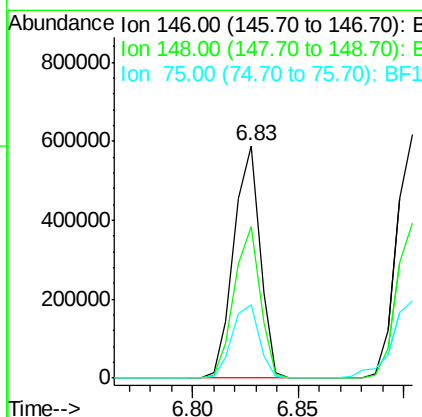
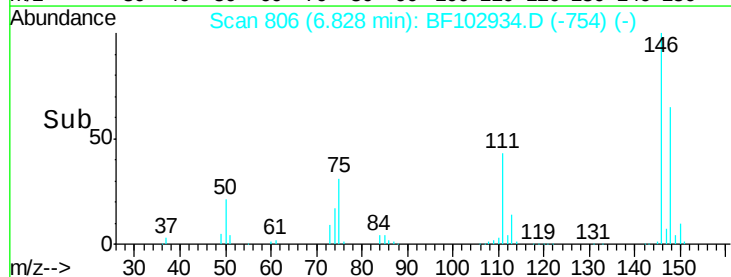
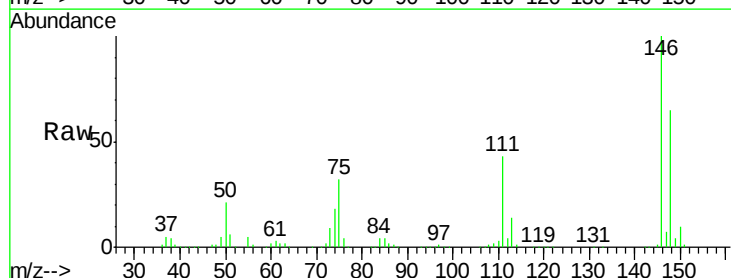
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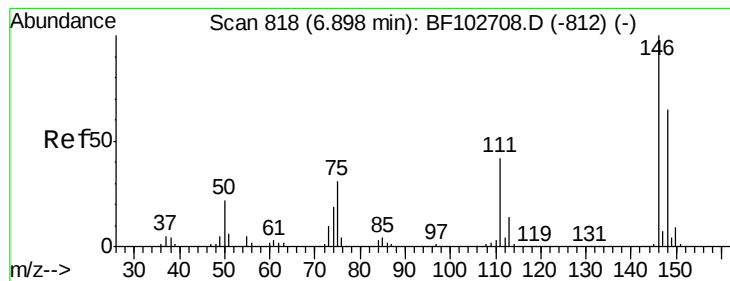
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#12
1,3-Dichlorobenzene
Concen: 34.931 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	505677		
148	65.1	51.8	77.8	
75	31.5	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 35.242 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

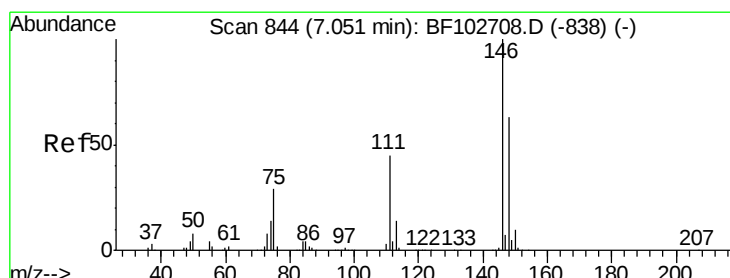
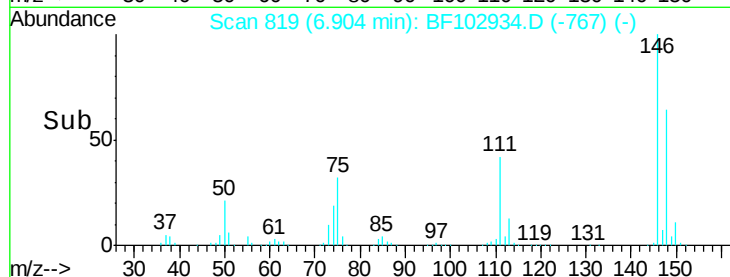
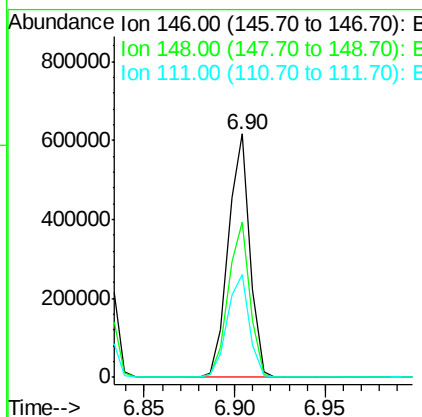
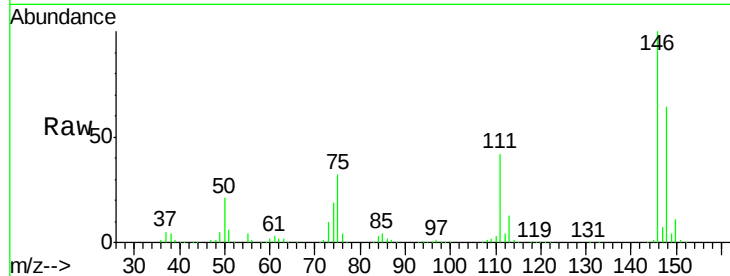
ClientSampleId :

PB106452BS

Tot Ion:	146	Resp:	508208
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.8	76.2
111	42.2	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 34.551 ng

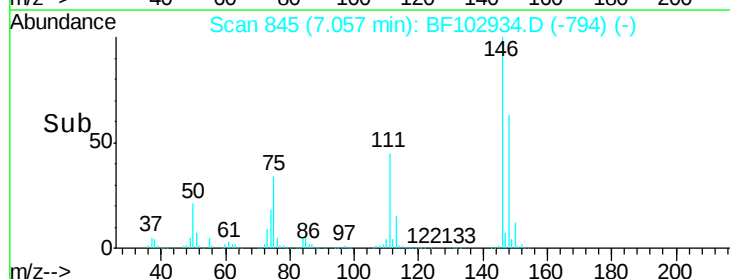
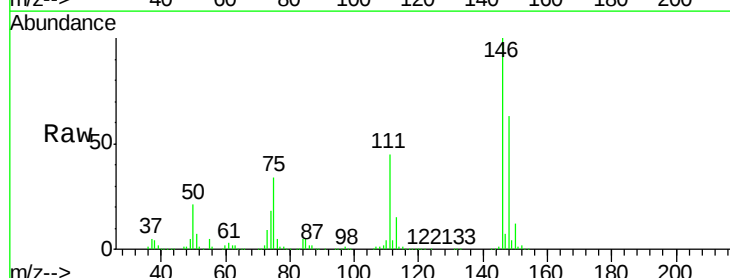
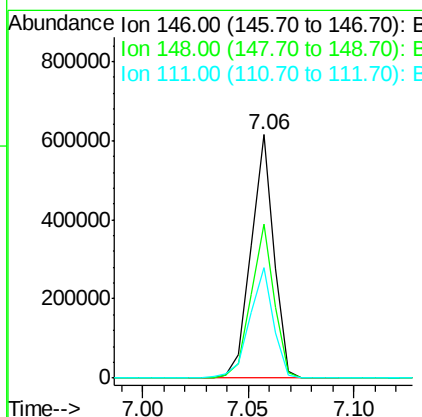
RT: 7.06 min Scan# 845

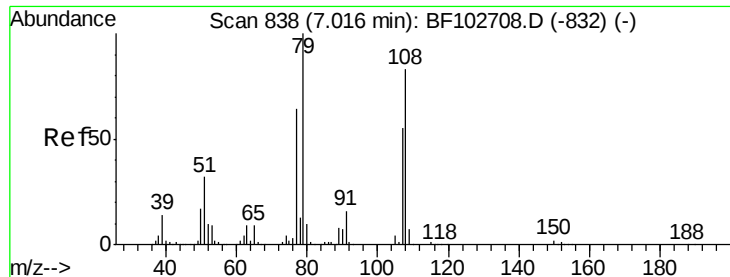
Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tgt Ion:	146	Resp:	464075
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.6	75.8
111	45.2	36.0	54.0





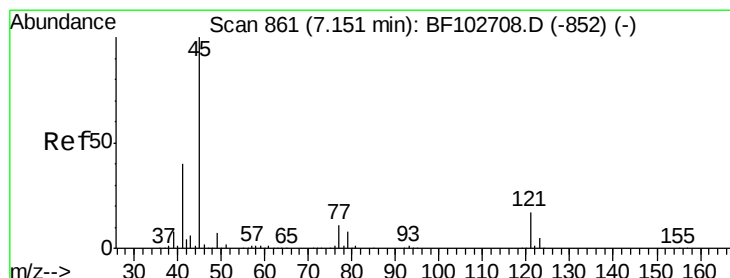
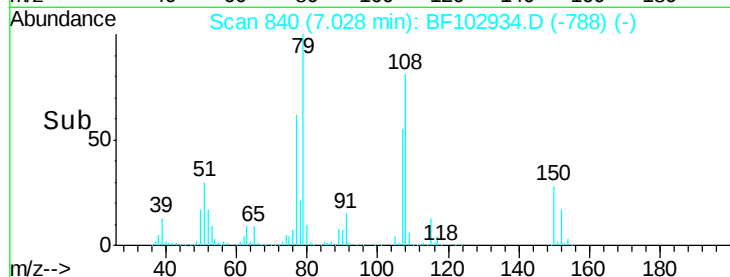
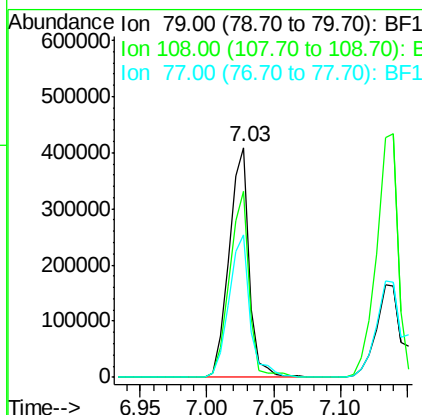
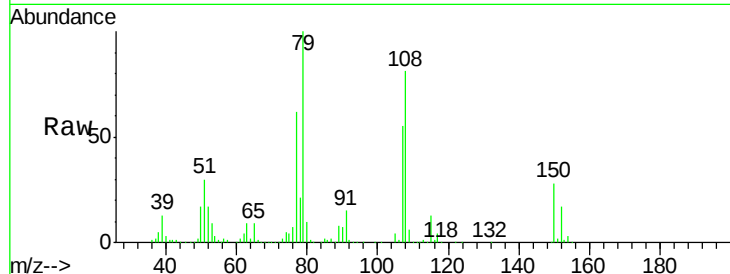
#15
Benzyl Alcohol
Concen: 38.900 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.8	65.1	97.7
77	62.0	50.6	75.8

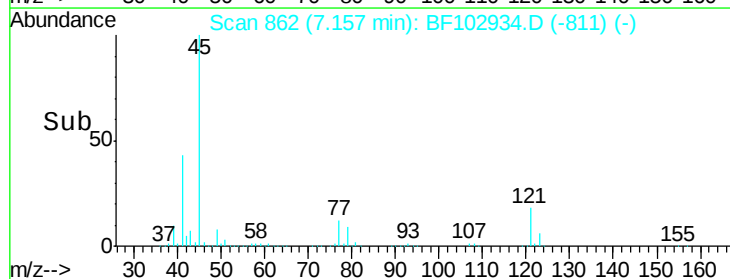
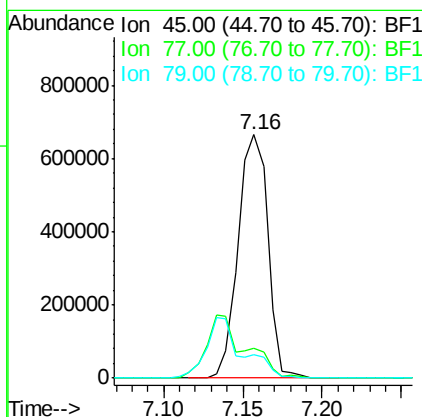
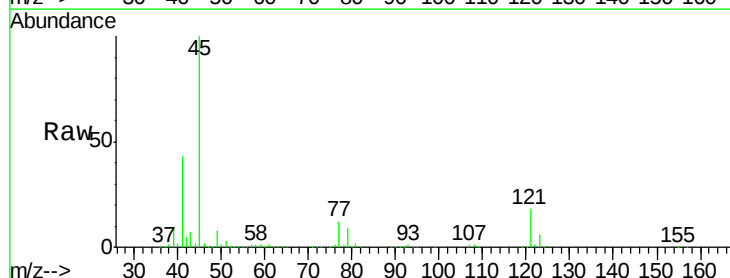
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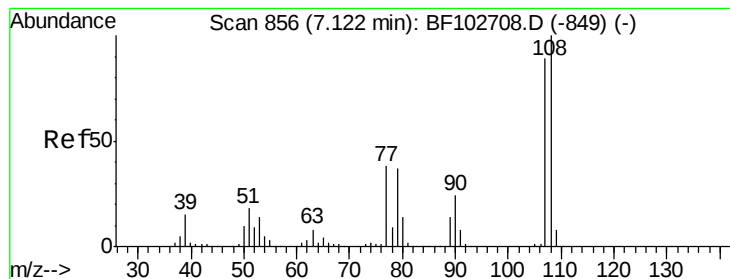
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.807 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	32.9
79	9.5	0.0	29.6





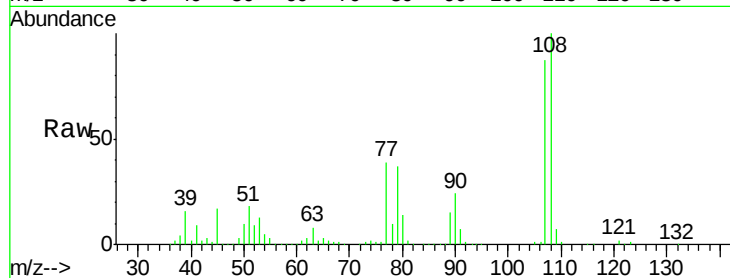
#17
2-Methylphenol
Concen: 36.284 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

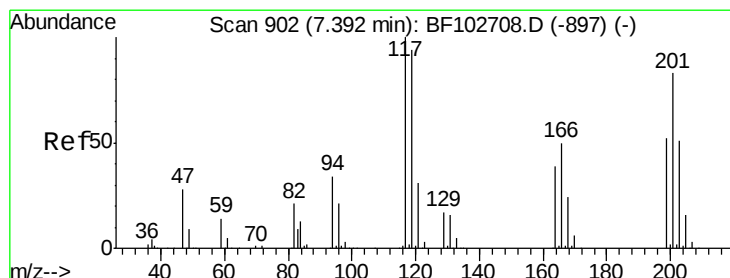
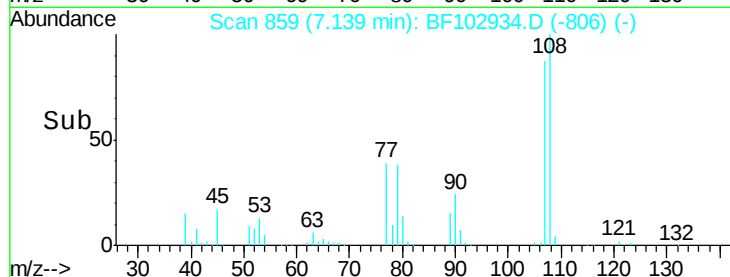
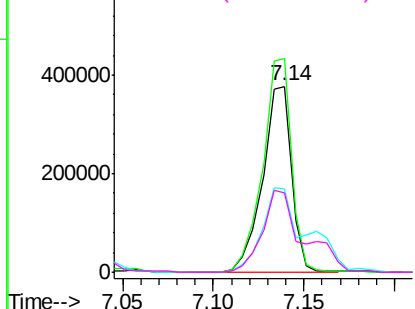
Tot Ion:	107	Resp:	418393
Ion Ratio	Lower	Upper	
107	100		
108	115.1	91.7	137.5
77	44.9	33.8	50.8
79	43.0	33.8	50.8

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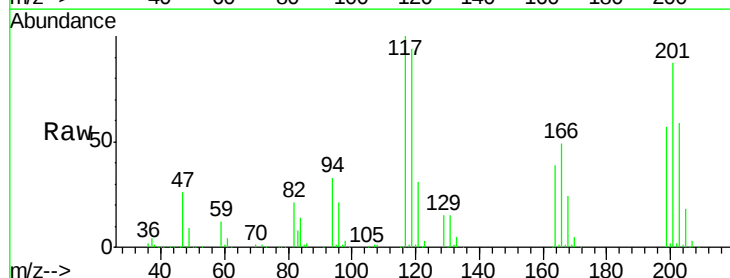


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

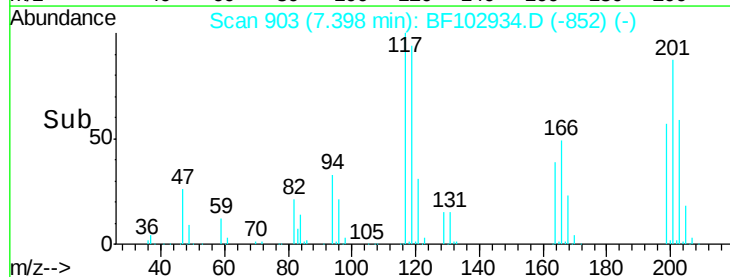
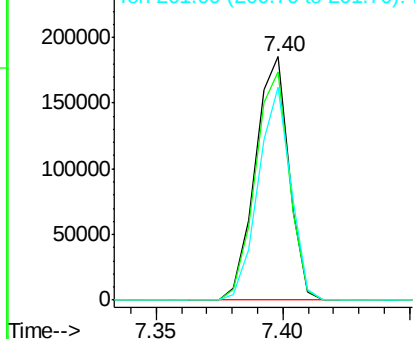


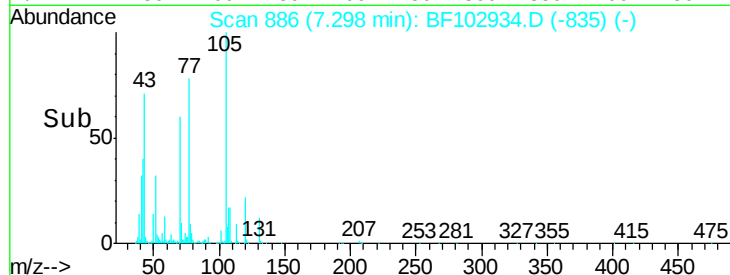
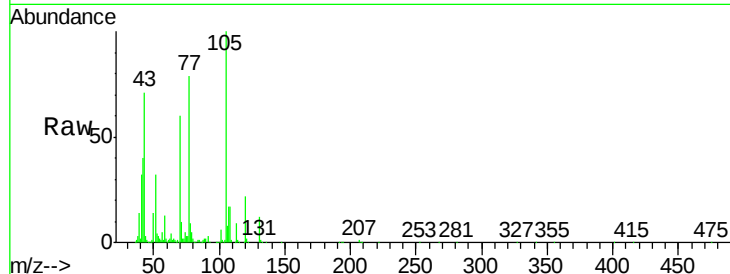
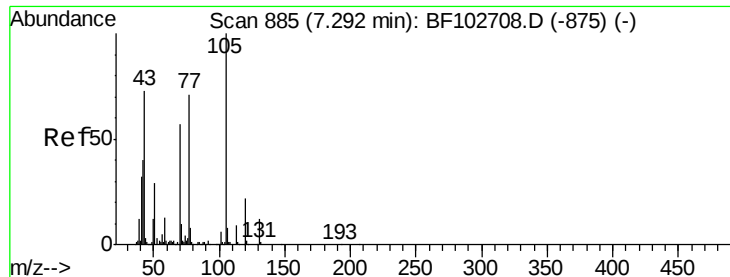
#18
Hexachloroethane
Concen: 34.803 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion:	117	Resp:	172099
Ion Ratio	Lower	Upper	
117	100		
119	93.5	75.8	113.8
201	87.3	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





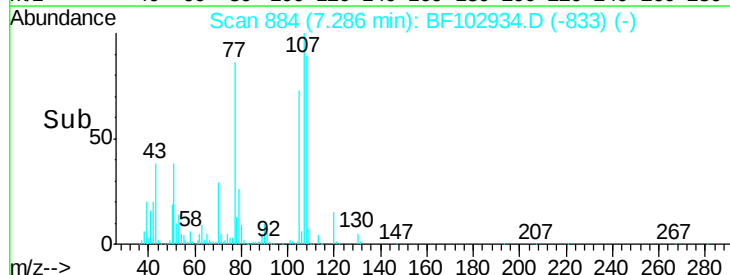
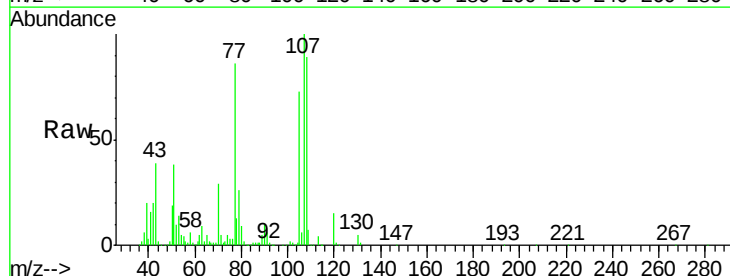
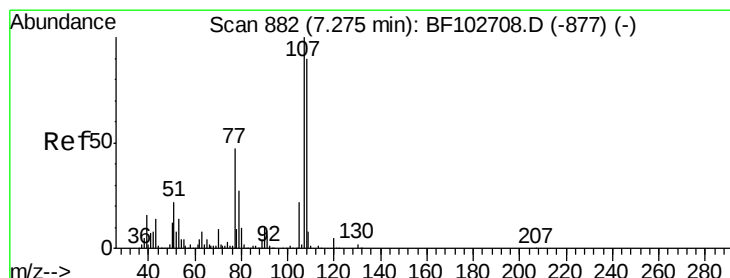
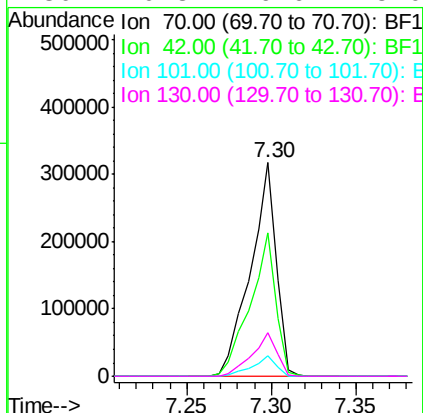
#19
n-Nitroso-di-n-propylamine
Concen: 35.250 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Manual Integrations
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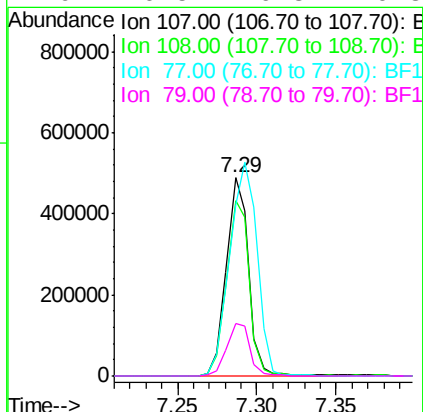
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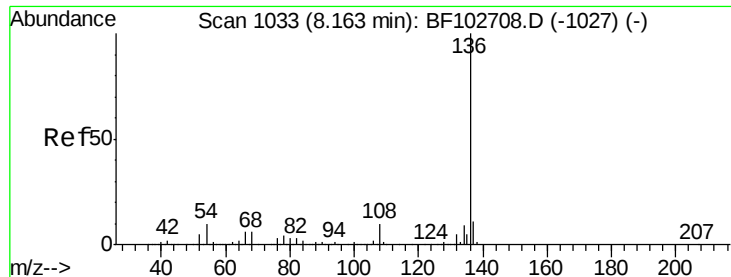
Tot Ion	70	Resp	339801
Ion Ratio	Lower	Upper	
70	100		
42	67.0	47.5	71.3
101	9.5	7.4	11.2
130	20.3	16.6	25.0



#20
3+4-Methylphenols
Concen: 33.341 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	107	Resp	474109
Ion Ratio	Lower	Upper	
107	100		
108	88.8	68.2	108.2
77	86.4	26.7	66.7#
79	26.5	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

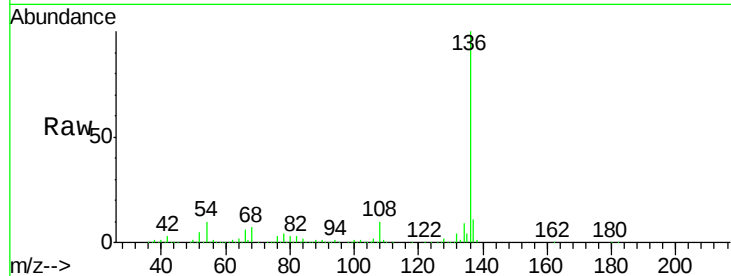
ClientSampleId :

PB106452BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		774544		
137	11.1		8.9	13.3	
54	9.6		6.6	9.8	
68	6.5		5.0	7.4	

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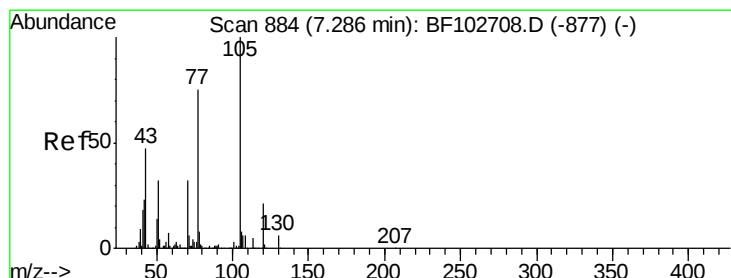
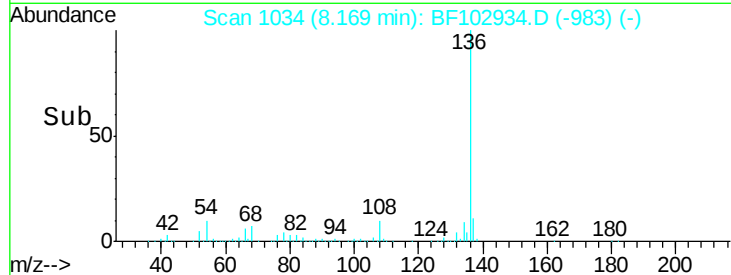
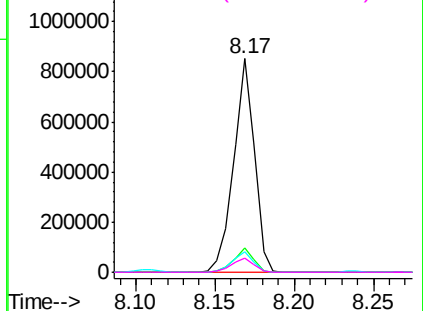


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.299 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

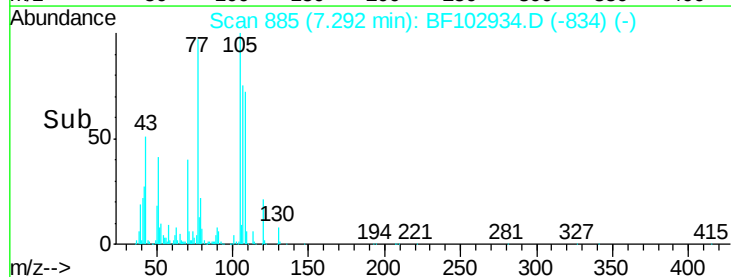
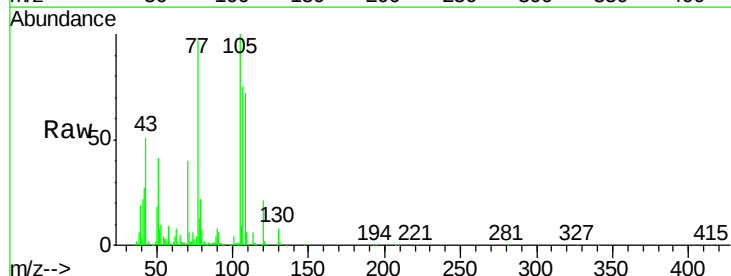
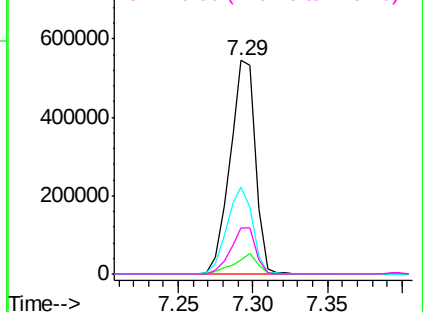
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		650106		
71	6.5		4.4	6.6	
51	40.6		22.3	33.5#	
120	21.4		16.9	25.3	

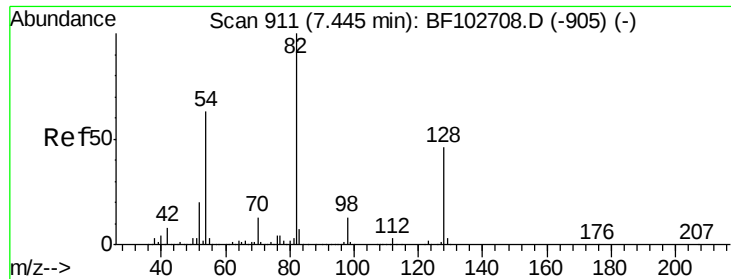
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





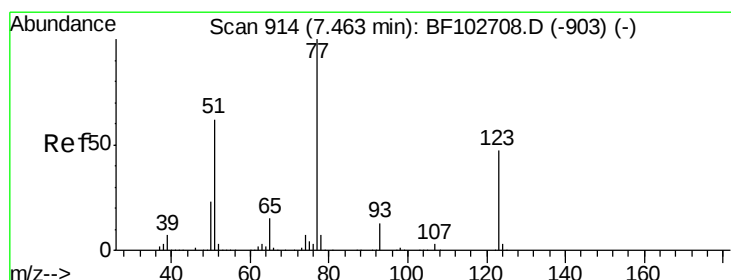
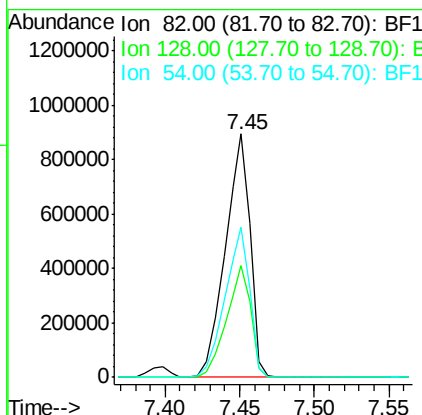
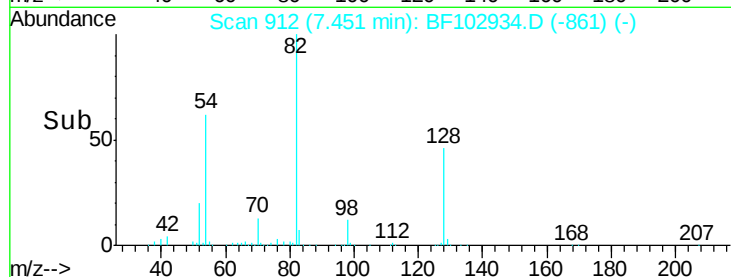
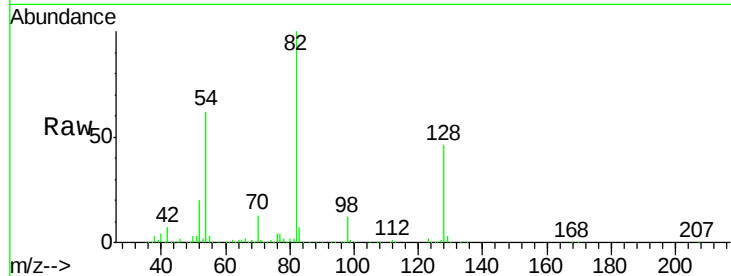
#23
Nitrobenzene-d5
Concen: 93.648 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Tot Ion: 82 Resp: 1045605
Ion Ratio Lower Upper
82 100
128 45.9 36.1 54.1
54 61.8 41.4 62.2

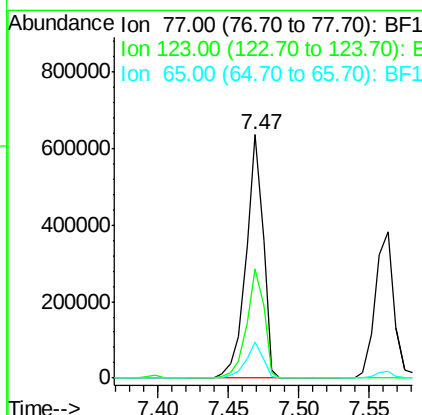
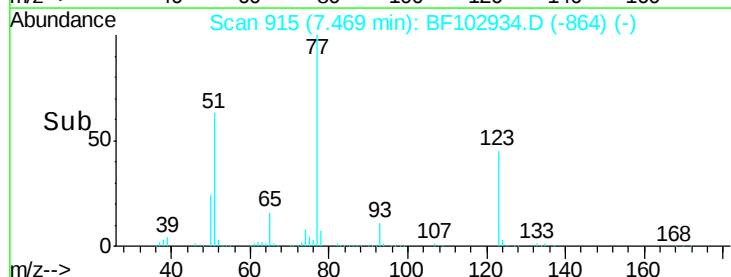
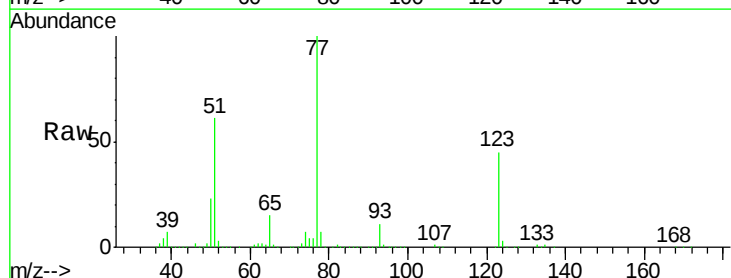
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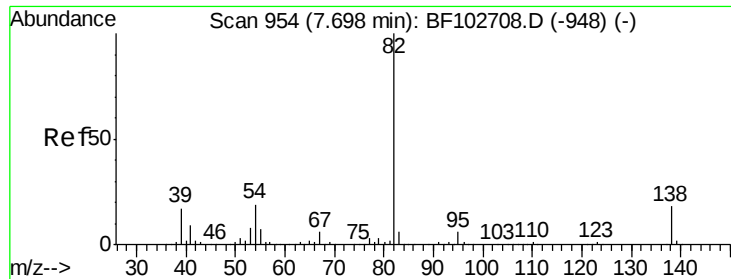
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#24
Nitrobenzene
Concen: 40.918 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion: 77 Resp: 537482
Ion Ratio Lower Upper
77 100
123 45.1 37.9 56.9
65 15.0 11.0 16.4





#25

Isophorone

Concen: 39.279 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

PB106452BS

Tot Ion: 82 Resp: 1009849

Ion Ratio Lower Upper

82 100

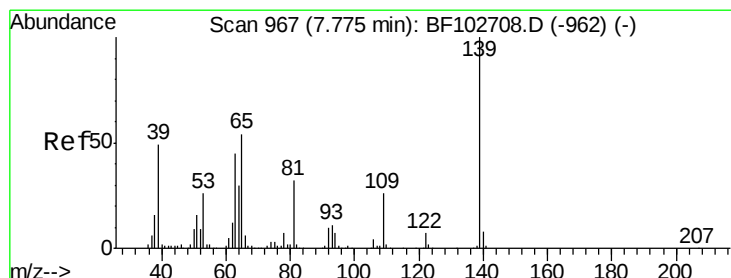
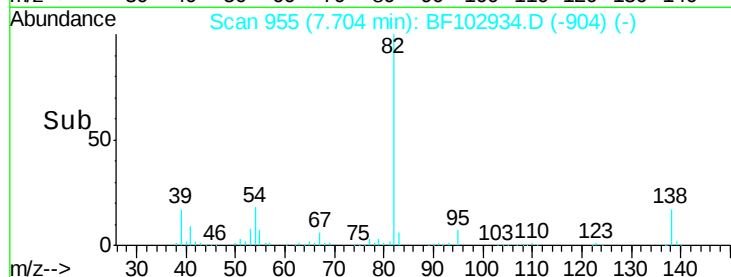
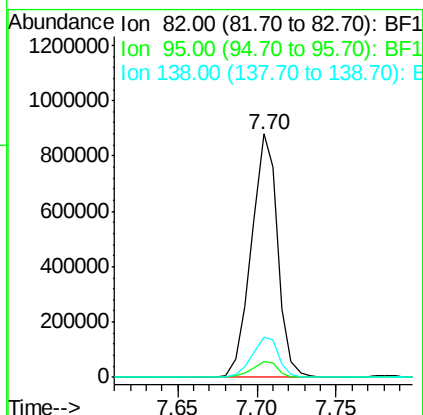
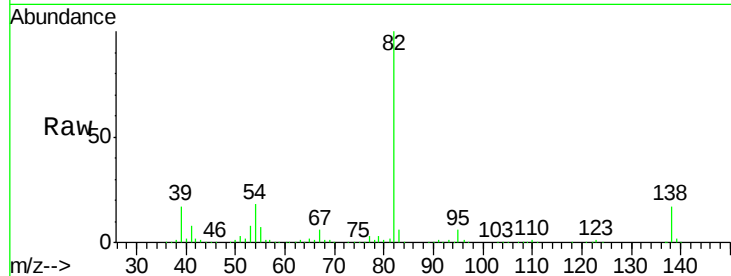
95 6.5 5.2 7.8

138 16.5 14.9 22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.127 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

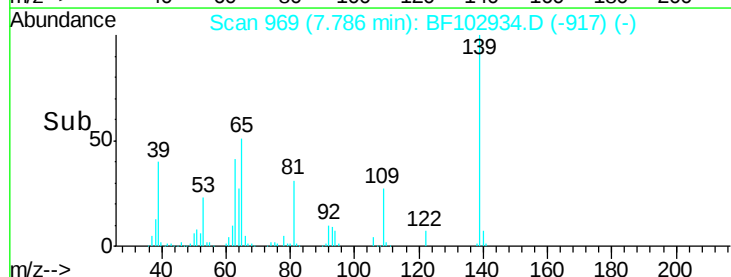
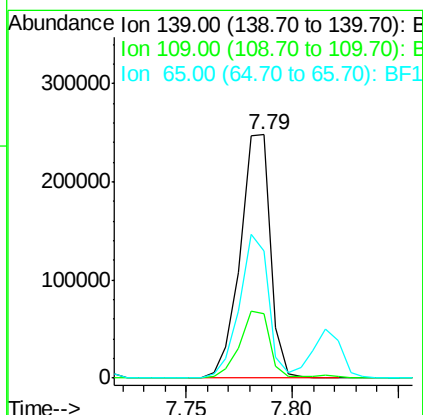
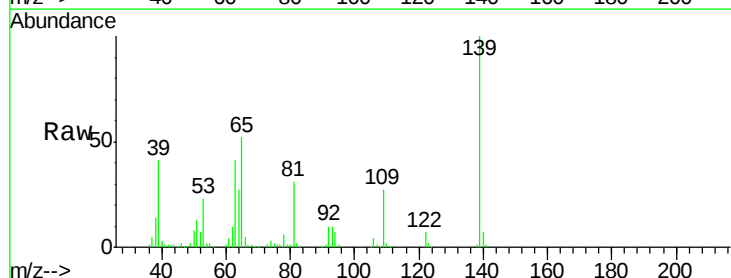
Tgt Ion: 139 Resp: 246656

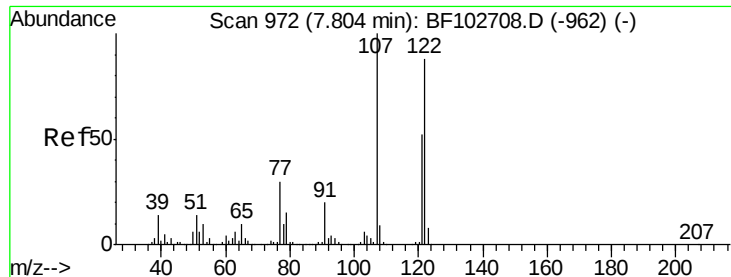
Ion Ratio Lower Upper

139 100

109 26.5 22.7 34.1

65 52.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 42.285 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

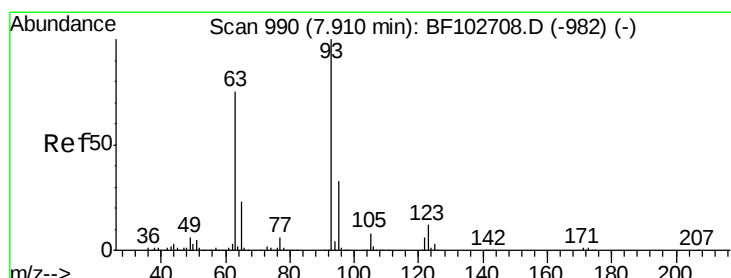
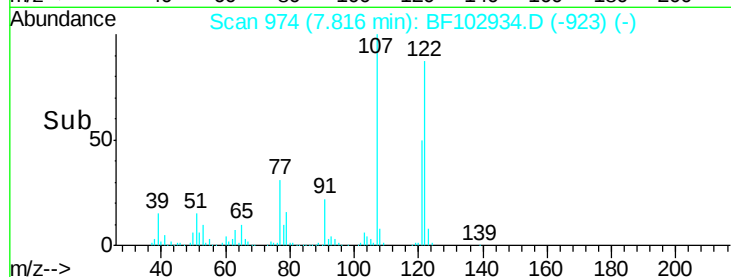
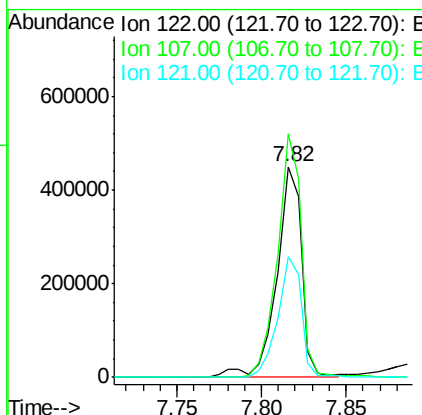
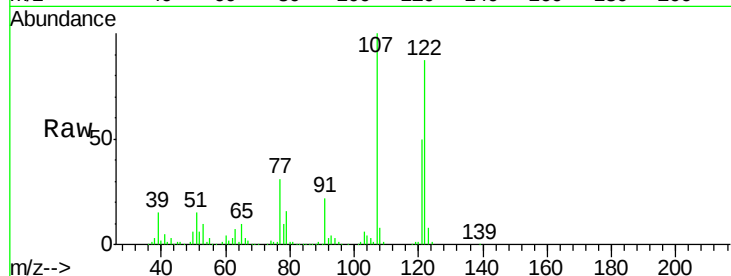
ClientSampleId :

PB106452BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	91.2	136.8
121	57.5	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 40.560 ng

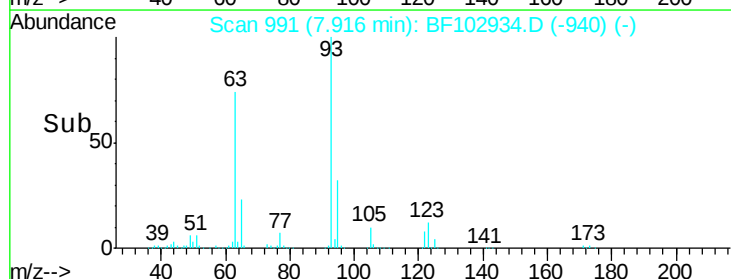
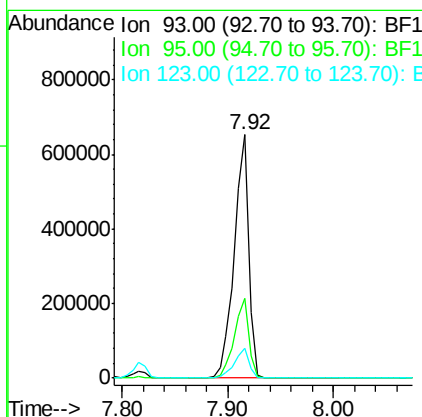
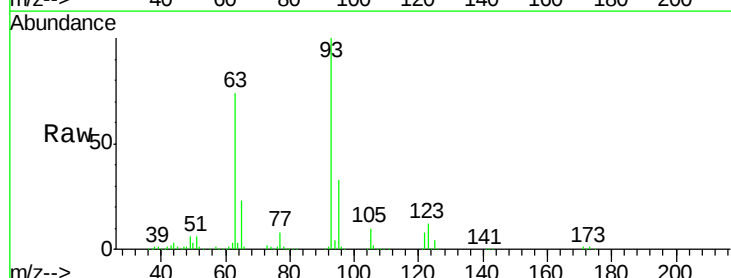
RT: 7.92 min Scan# 991

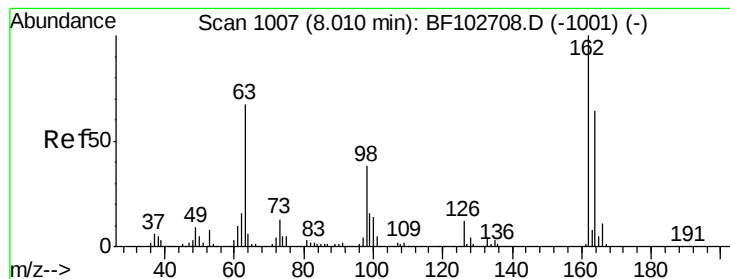
Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	12.1	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 38.535 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

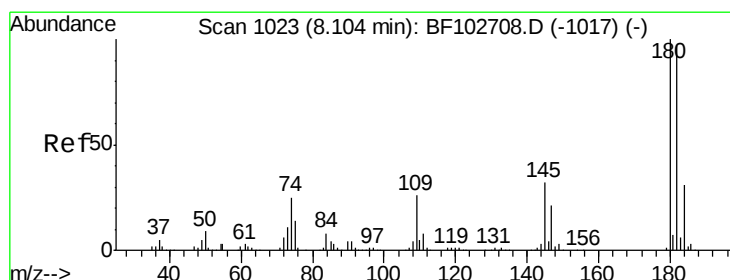
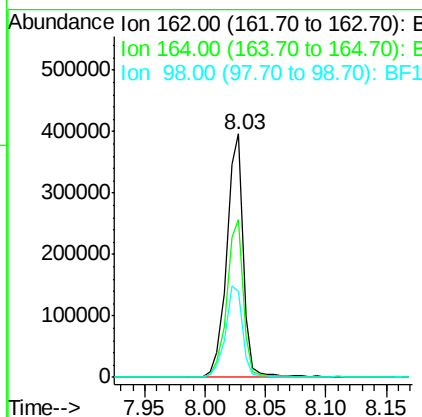
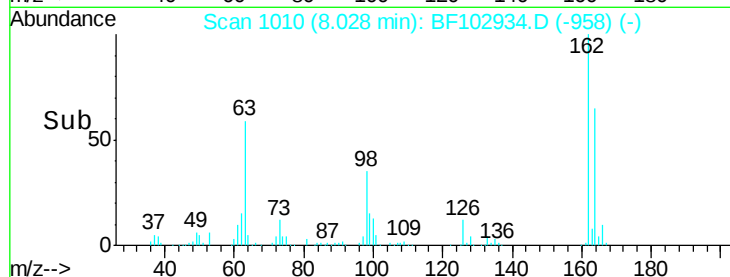
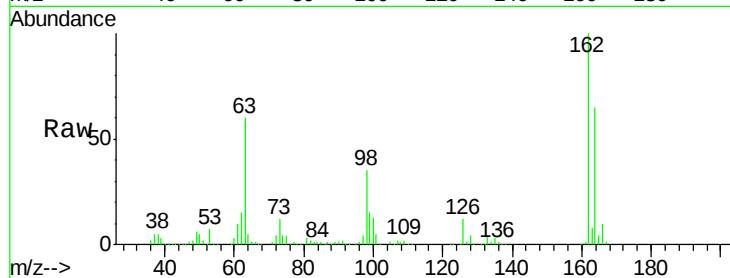
ClientSampled :

PB106452BS

Tot Ion:	162	Resp:	380501
Ion Ratio		Lower	Upper
162	100		
164	65.1	42.7	82.7
98	35.3	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 34.909 ng

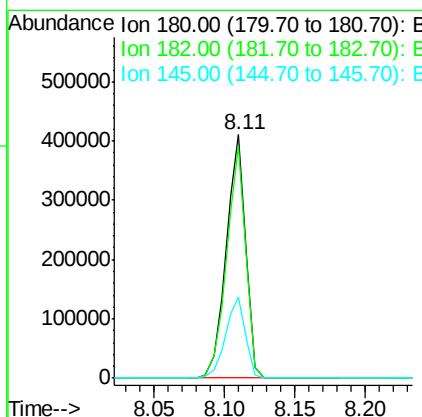
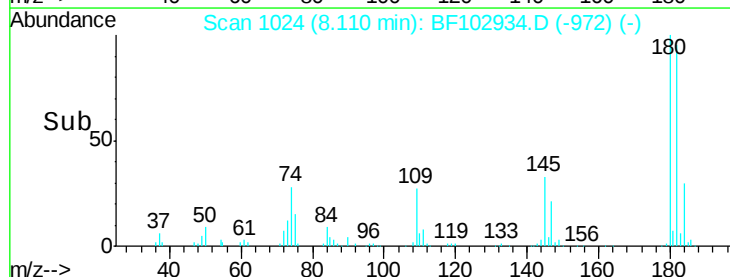
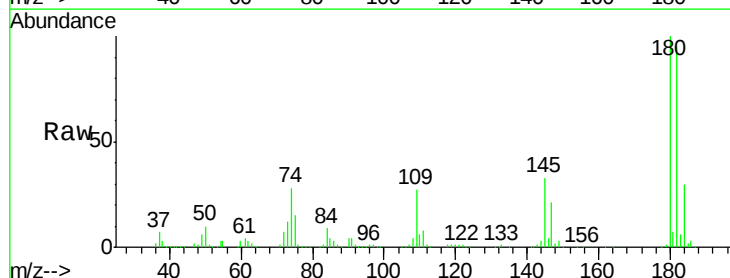
RT: 8.11 min Scan# 1024

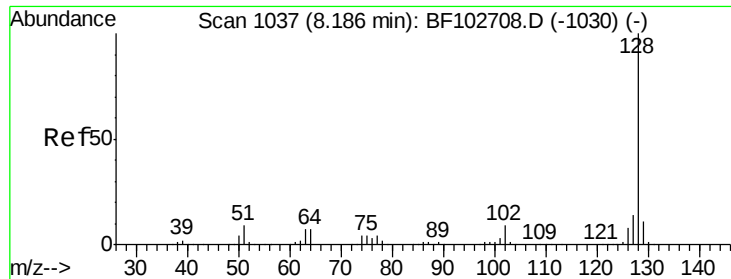
Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tgt Ion:	180	Resp:	389950
Ion Ratio		Lower	Upper
180	100		
182	95.2	76.8	115.2
145	33.2	26.5	39.7





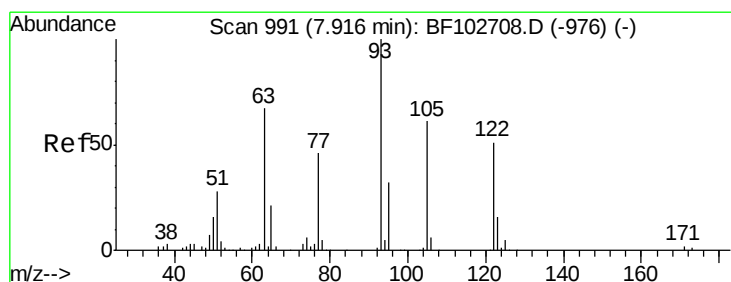
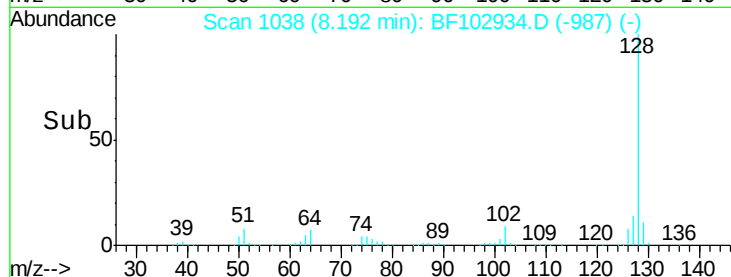
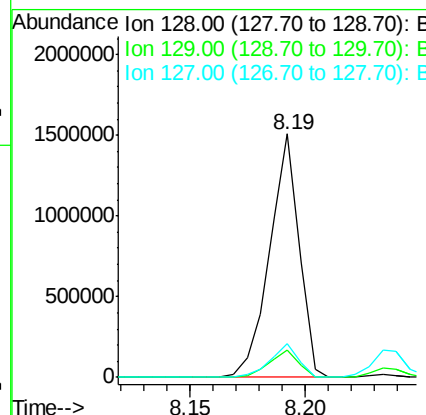
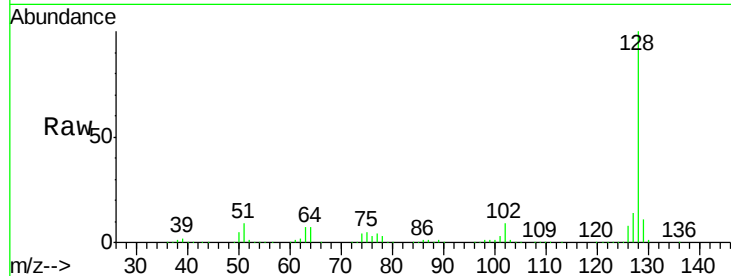
#31
Naphthalene
Concen: 35.400 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

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

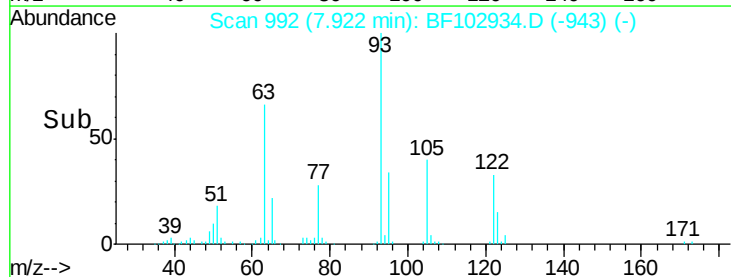
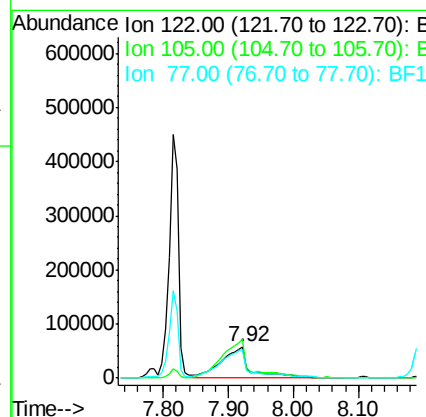
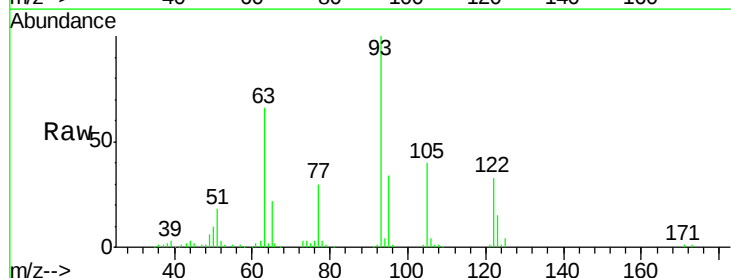
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#32
Benzoic acid
Concen: 28.664 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	101.1	141.1
77	91.8	70.7	110.7





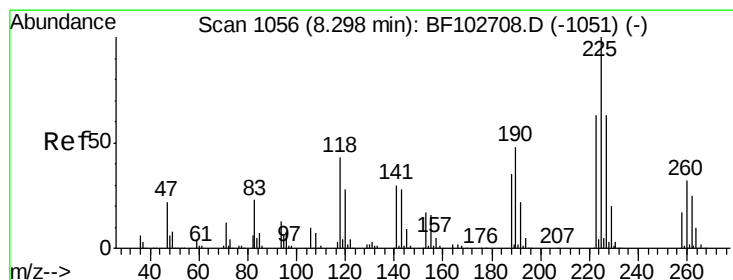
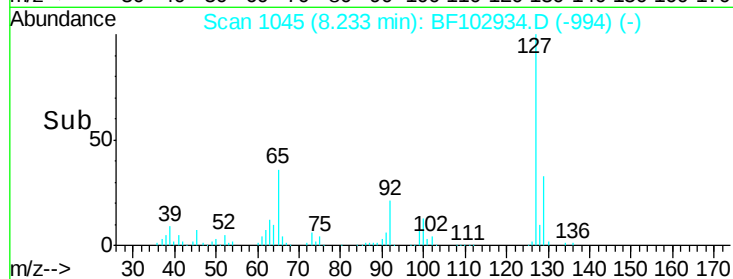
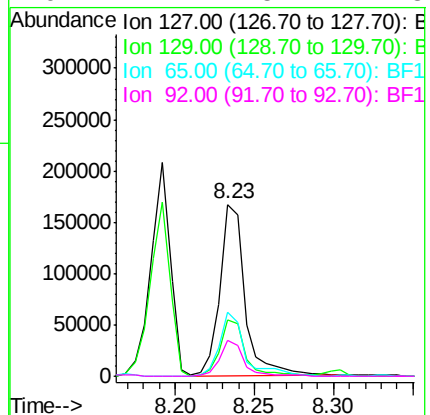
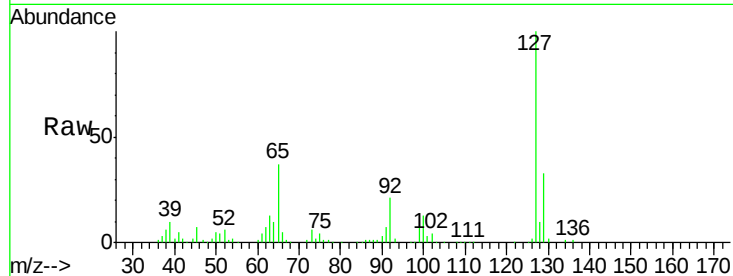
#33
4-Chloroaniline
Concen: 11.296 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		184144		
129	33.0		25.9	38.9	
65	37.1		25.0	37.4	
92	21.1		15.2	22.8	

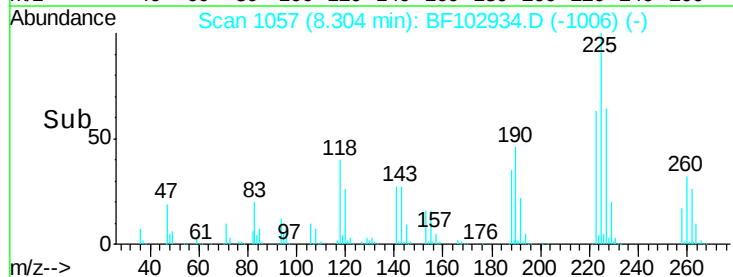
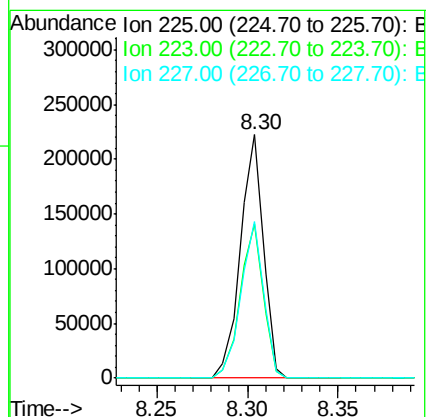
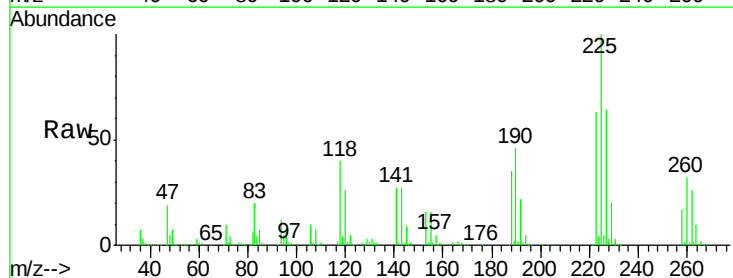
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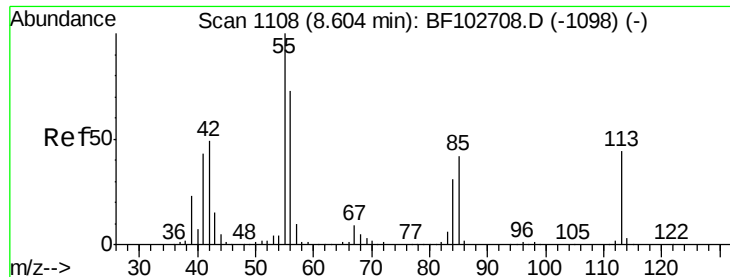
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#34
Hexachlorobutadiene
Concen: 34.373 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		196753		
223	63.1		50.6	76.0	
227	64.3		51.9	77.9	





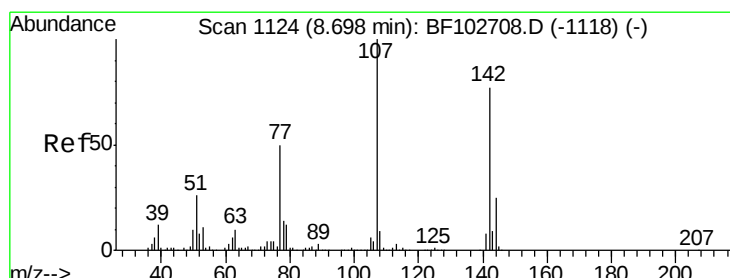
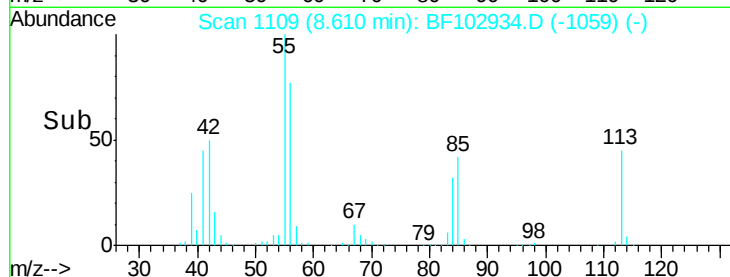
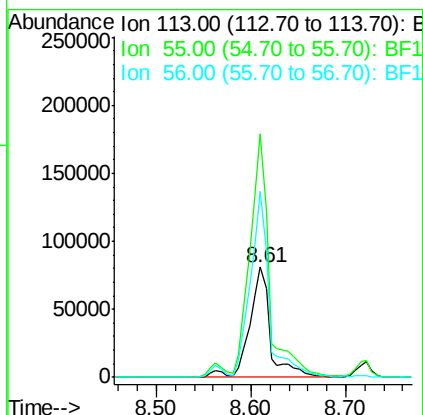
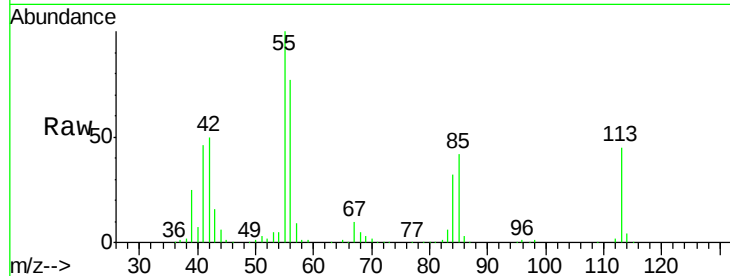
#35
Caprolactam
Concen: 36.005 ng/ml
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleID :
PB106452BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	221.6	163.3	203.3#
56	169.8	115.7	155.7#

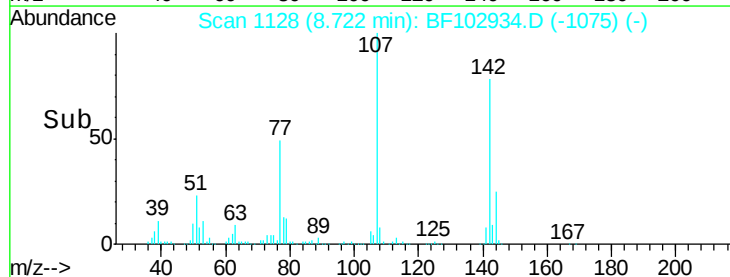
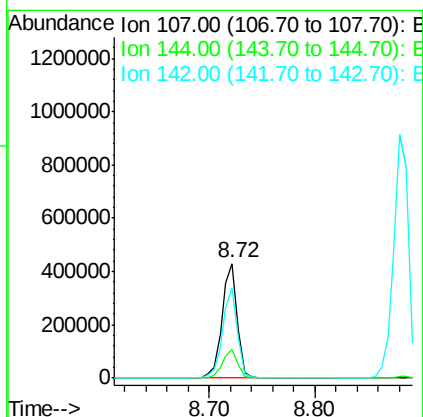
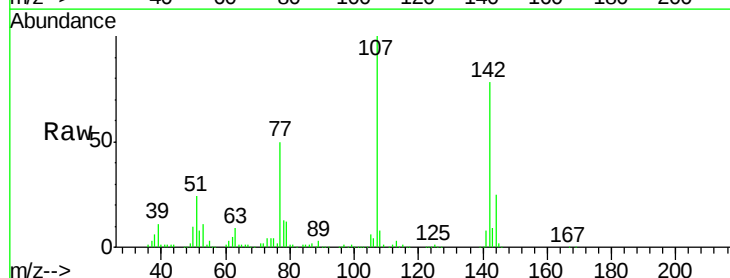
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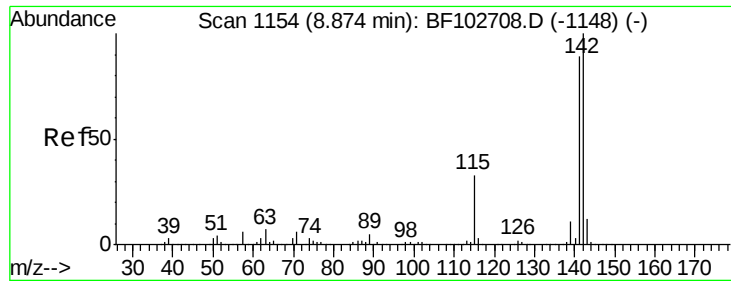
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#36
4-Chloro-3-methylphenol
Concen: 39.219 ng/ml
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	20.5	30.7
142	78.4	62.0	93.0





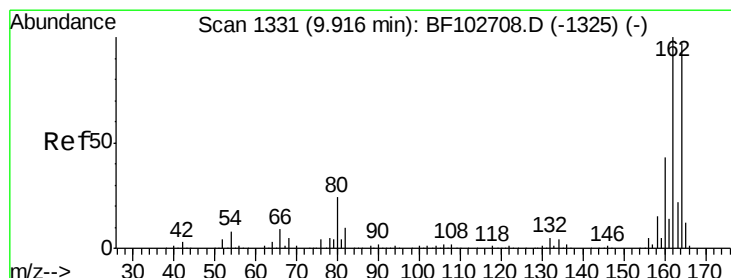
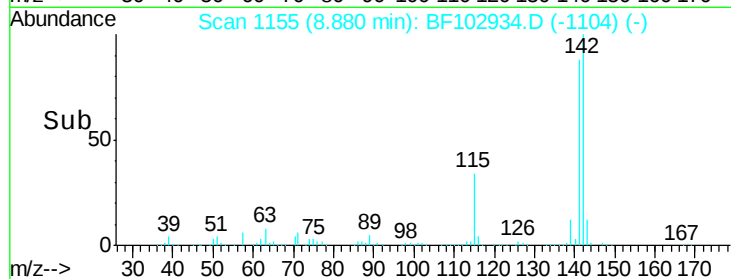
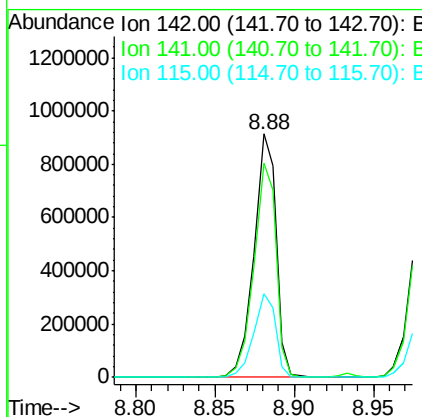
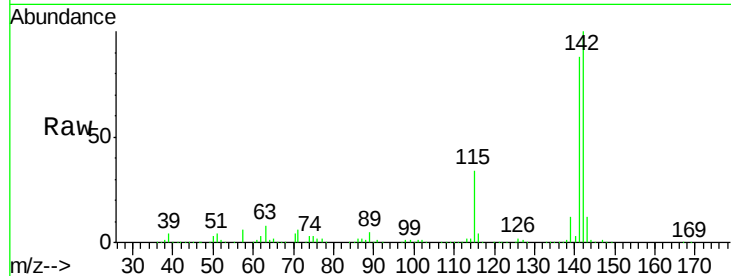
#37
2-Methylnaphthalene
Concen: 35.837 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.8	106.2
115	34.3	26.1	39.1

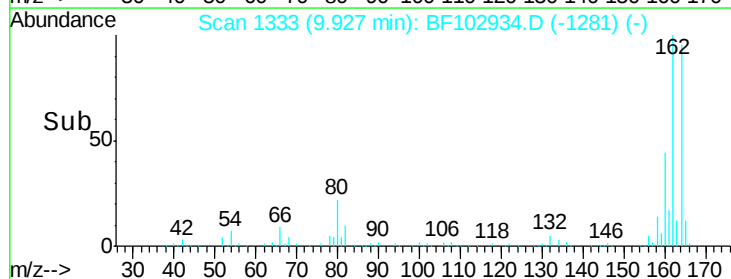
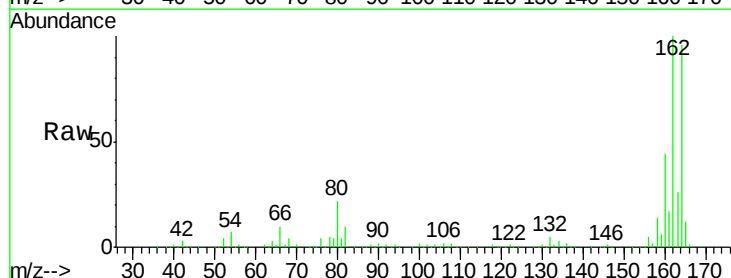
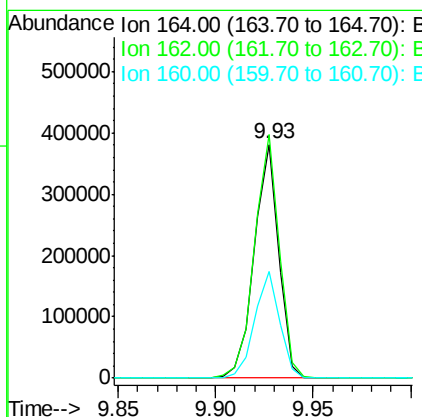
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	45.7	38.3	57.5





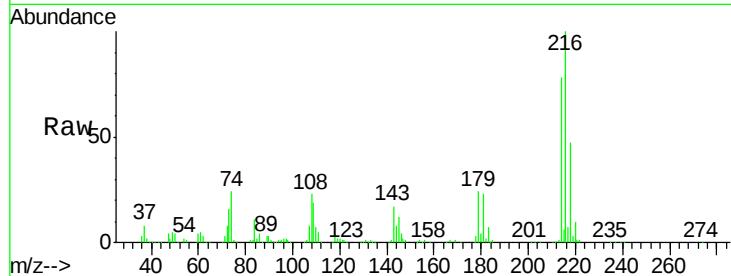
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.281 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Instrument :
 BNA_F
 ClientSampleId :
 PB106452BS

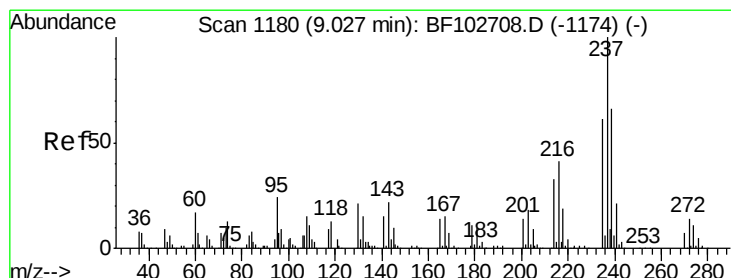
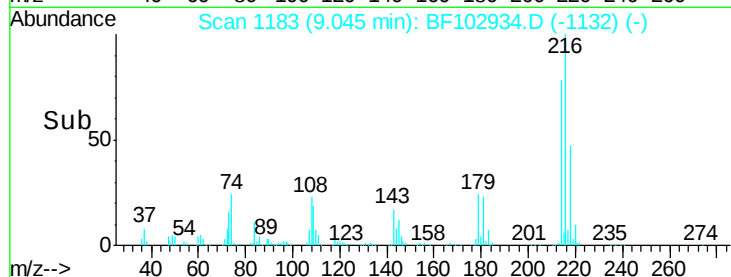
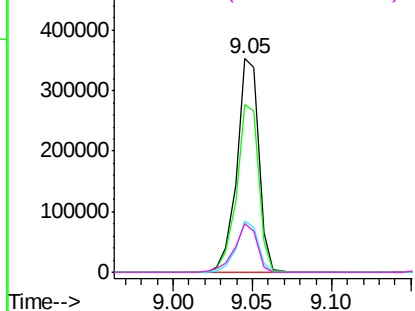
Tot Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	23.8	18.1	27.1
108	23.6	17.2	25.8

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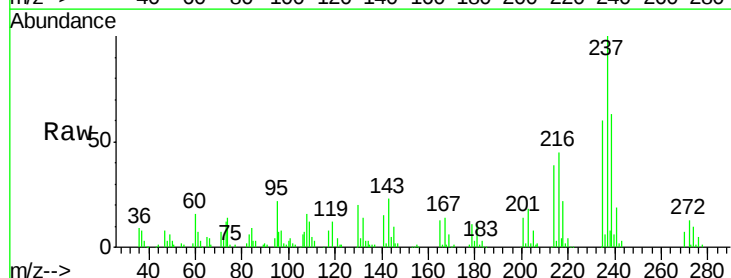


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

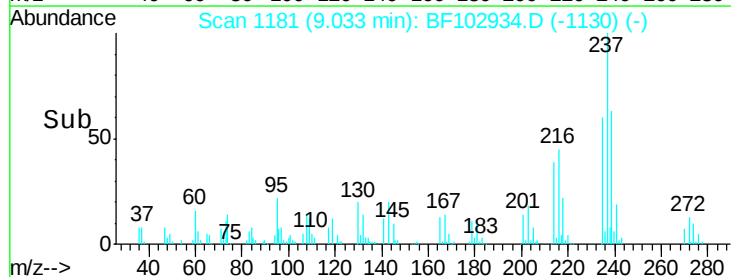
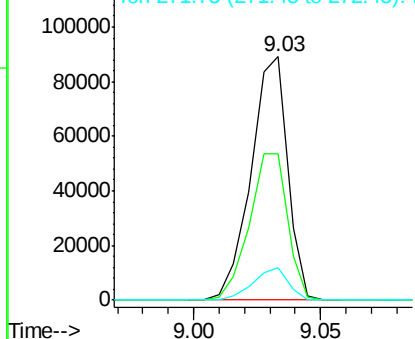


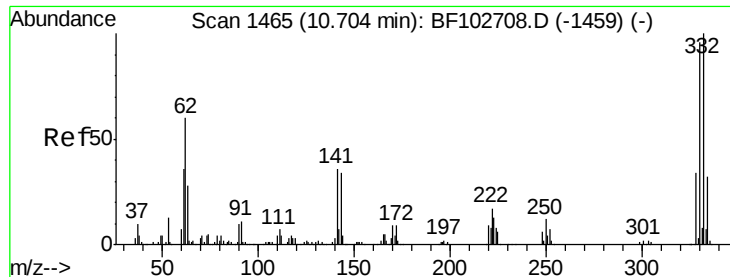
#40
 Hexachlorocyclopentadiene
 Concen: 20.992 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
237	100		
235	60.0	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: 104.331 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

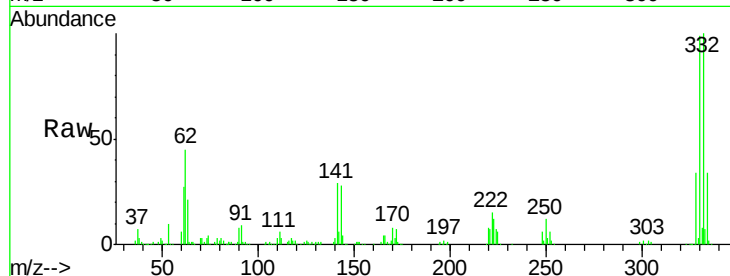
ClientSampleId :

PB106452BS

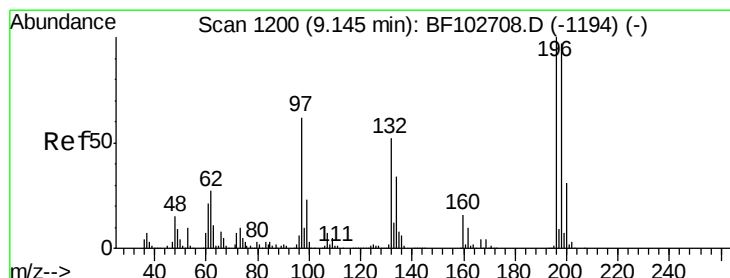
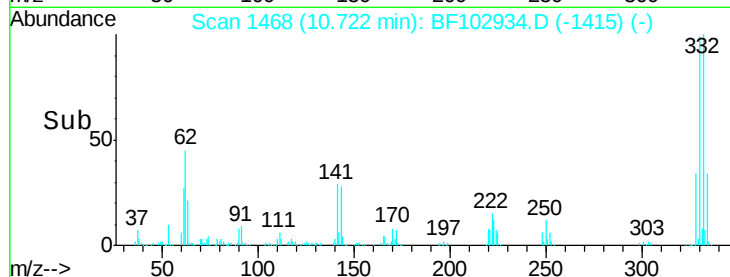
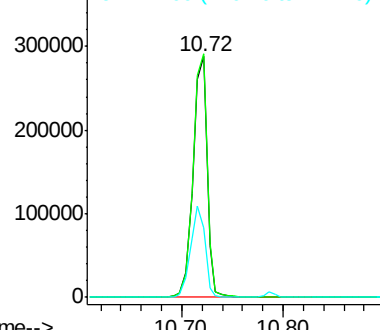
Tot Ion:	330	Resp:	278882
Ion Ratio	Lower	Upper	
330	100		
332	101.4	77.0	115.6
141	39.3	29.9	44.9

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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: 39.715 ng

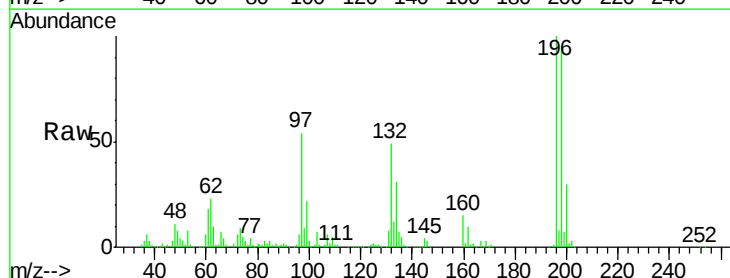
RT: 9.16 min Scan# 1203

Delta R.T. 0.01 min

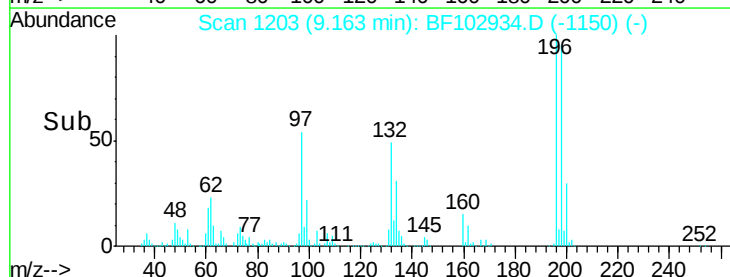
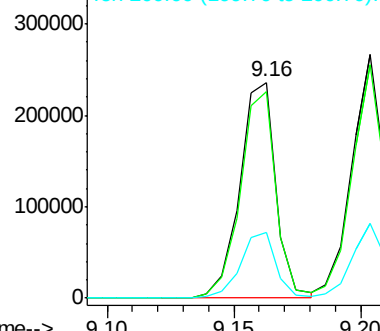
Lab File: BF102934.D

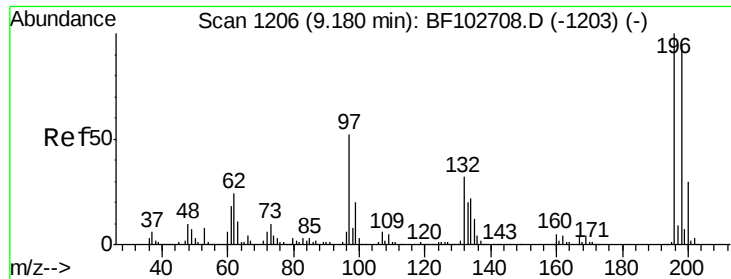
Acq: 12 Feb 2018 22:19

Tgt Ion:	196	Resp:	235884
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.7	113.5
200	30.2	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





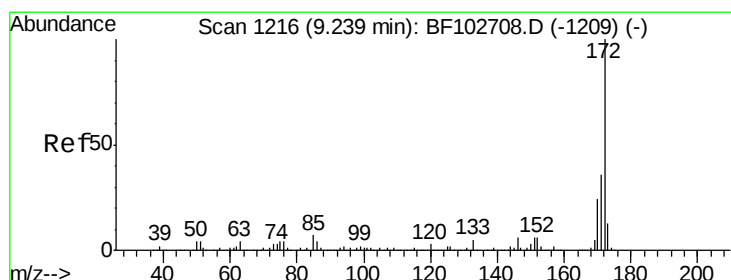
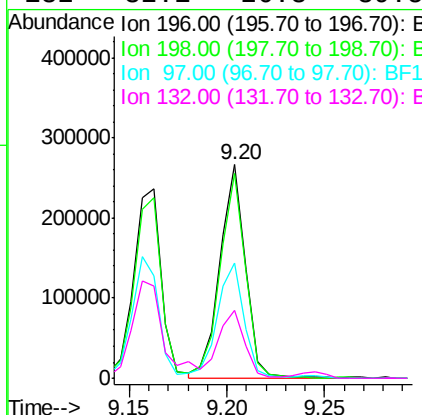
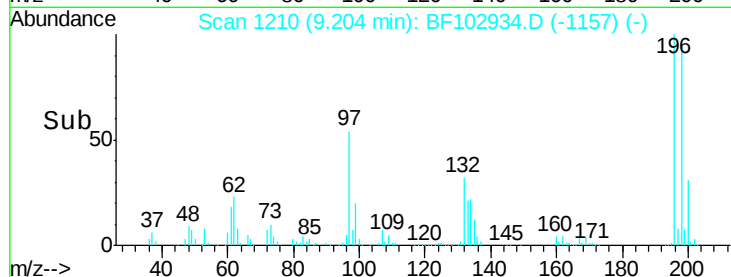
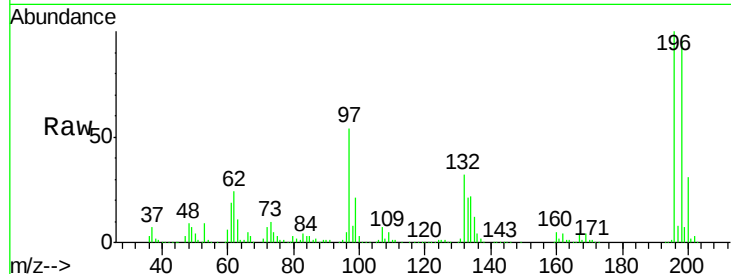
#43
 2,4,5-Trichlorophenol
 Concen: 35.843 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Instrument :
 BNA_F
 ClientSampleId :
 PB106452BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		239942		
198	95.7	74.6	112.0		
97	53.9	42.9	64.3		
132	32.1	26.3	39.5		

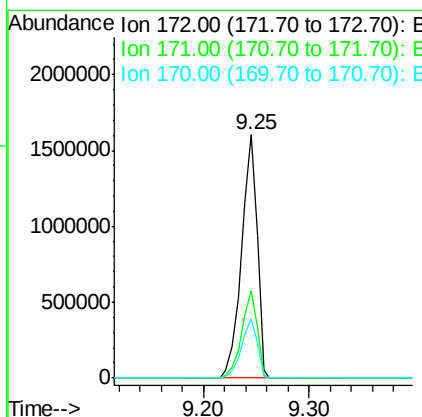
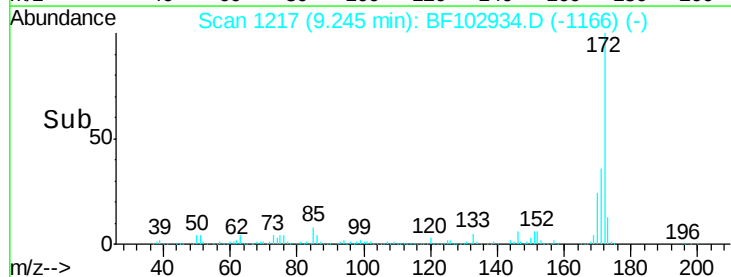
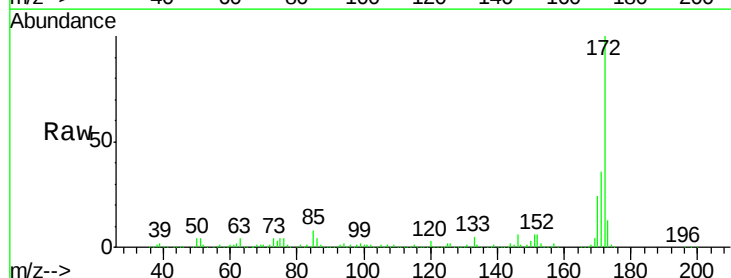
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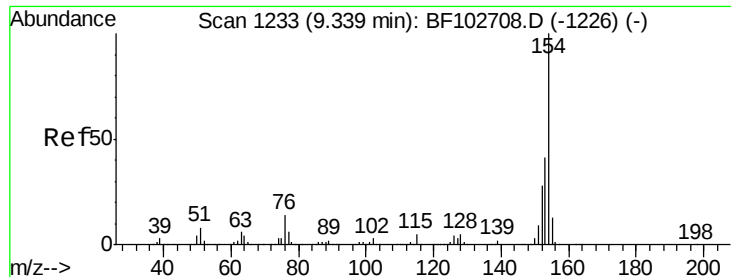
Sohil
 2/13/2018 11:26:04 AM



#44
 2-Fluorobiphenyl
 Concen: 80.643 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1613996		
171	35.9	29.7	44.5		
170	24.5	19.6	29.4		





#45

1,1'-Biphenyl

Concen: 36.481 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

PB106452BS

Tot Ion:154 Resp: 1020461

Ion Ratio Lower Upper

154 100

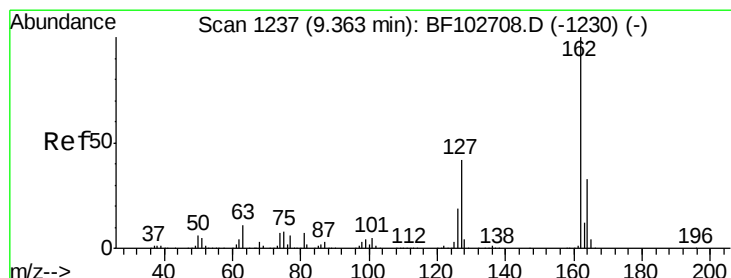
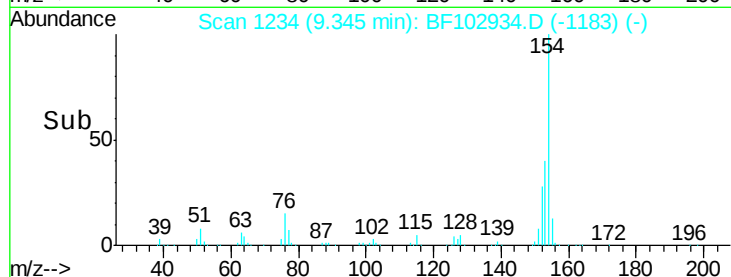
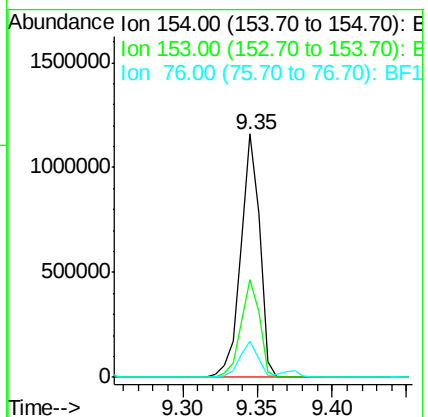
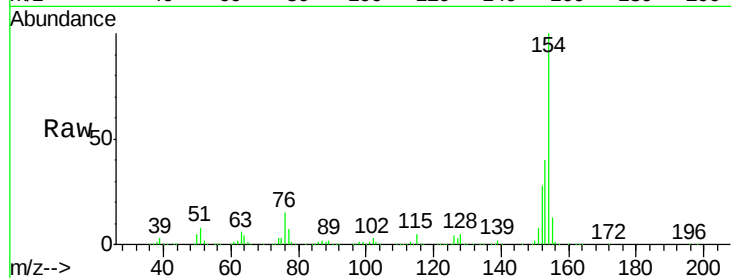
153 40.2 21.3 61.3

76 14.9 0.0 34.0

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#46

2-Chloronaphthalene

Concen: 35.793 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

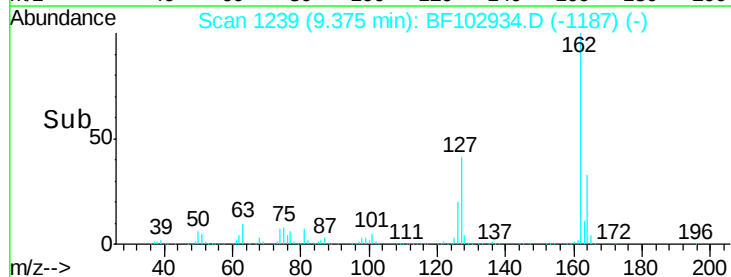
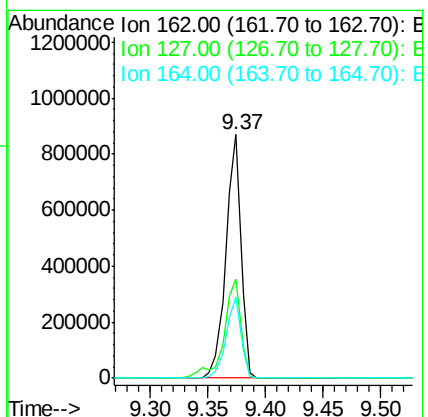
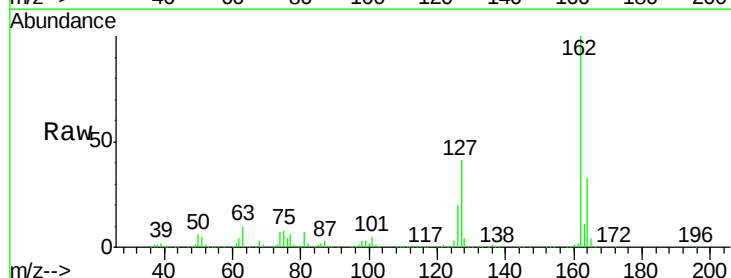
Tgt Ion:162 Resp: 788213

Ion Ratio Lower Upper

162 100

127 40.9 33.9 50.9

164 33.2 26.5 39.7





#47

2-Nitroaniline

Concen: 45.599 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

ClientSampleId :

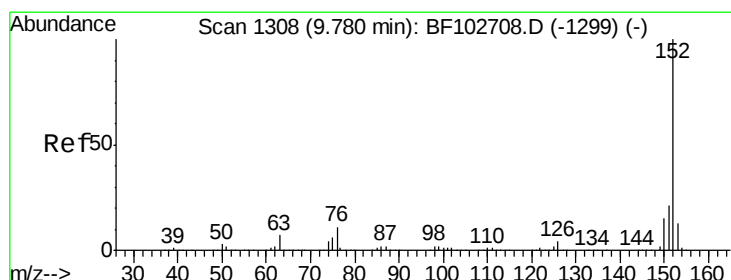
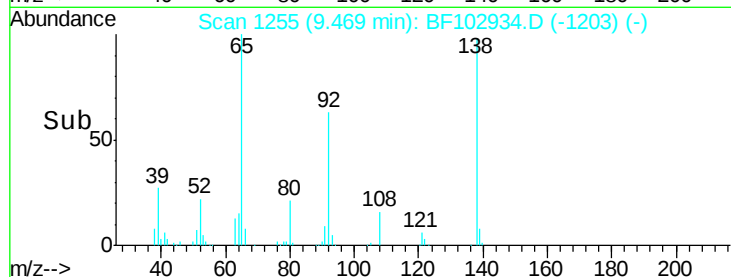
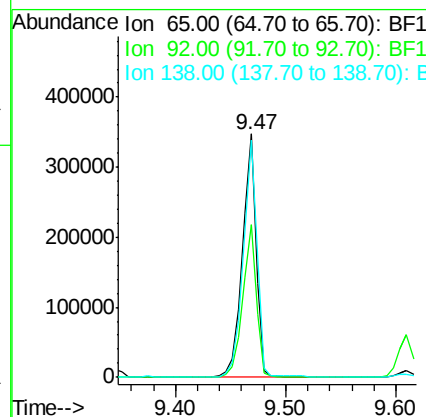
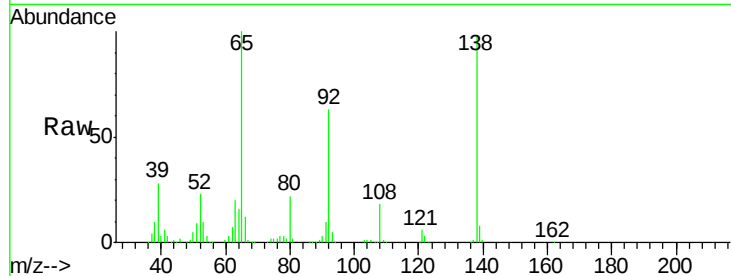
PB106452BS

Tot Ion: 65 Resp: 308592
Ion Ratio Lower Upper

65	100		
92	62.8	55.8	83.6
138	97.6	91.2	136.8

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#48

Acenaphthylene

Concen: 34.369 ng

RT: 9.79 min Scan# 1310

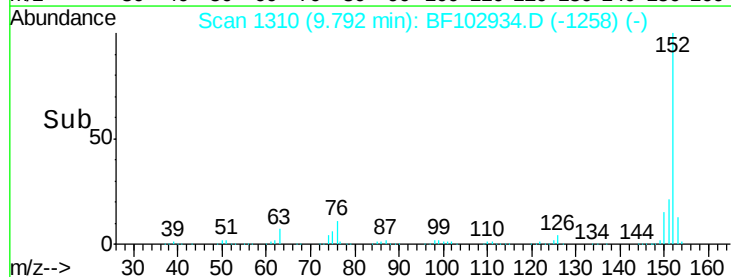
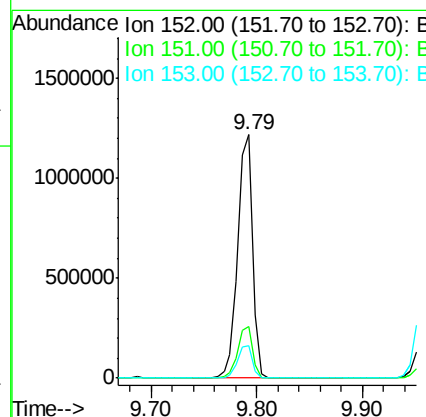
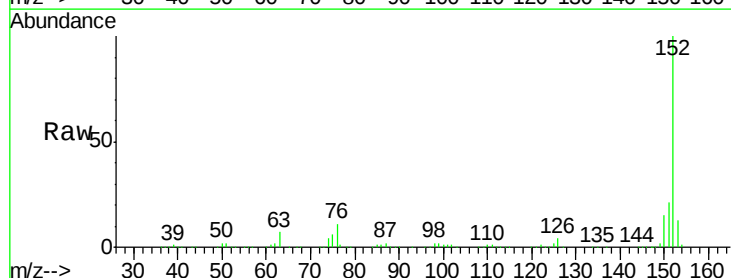
Delta R.T. 0.01 min

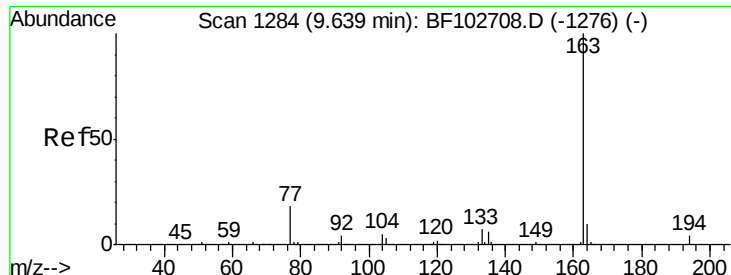
Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tgt Ion: 152 Resp: 1175536
Ion Ratio Lower Upper

152	100		
151	21.0	16.3	24.5
153	13.2	10.7	16.1





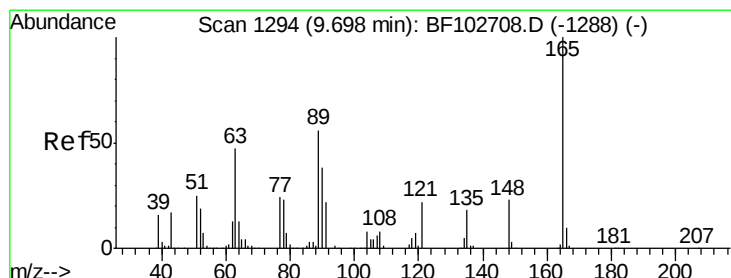
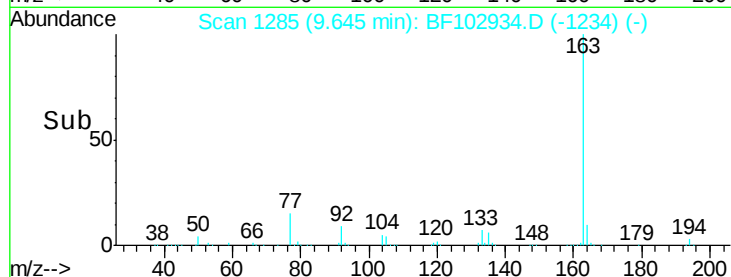
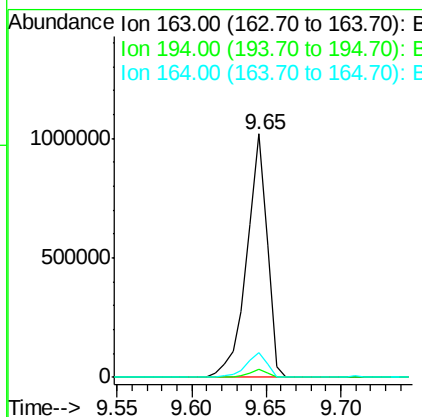
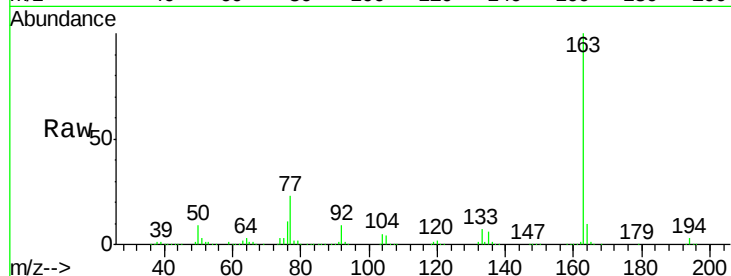
#49
Dimethylphthalate
Concen: 37.196 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.7	4.1
164	10.2	8.2	12.2

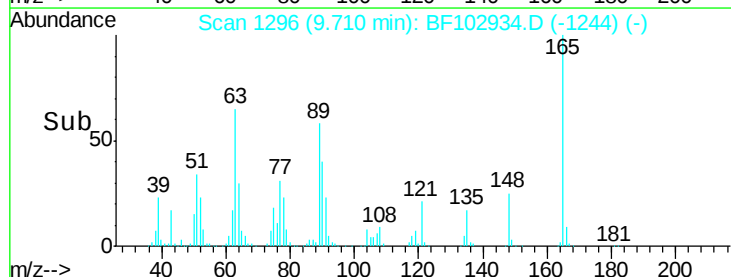
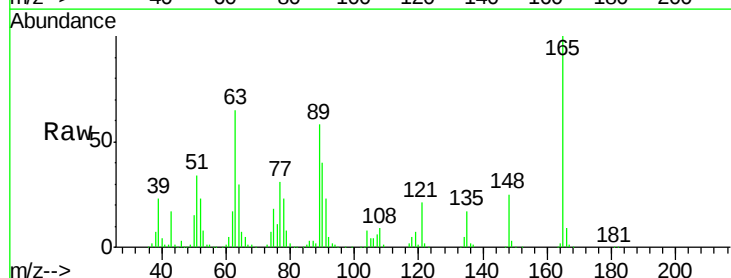
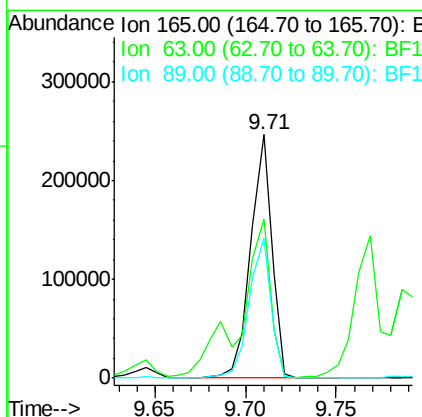
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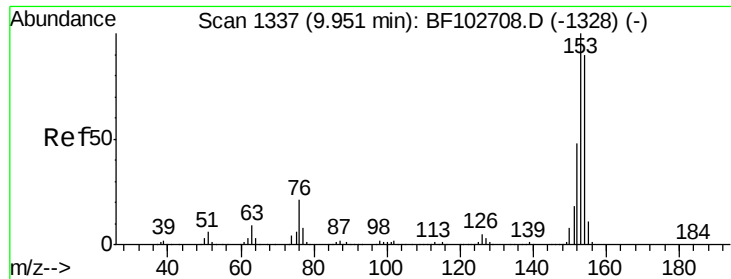
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#50
2,6-Dinitrotoluene
Concen: 41.041 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	65.5	44.7	67.1
89	57.6	44.0	66.0





#51

Acenaphthene

Concen: 34.501 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

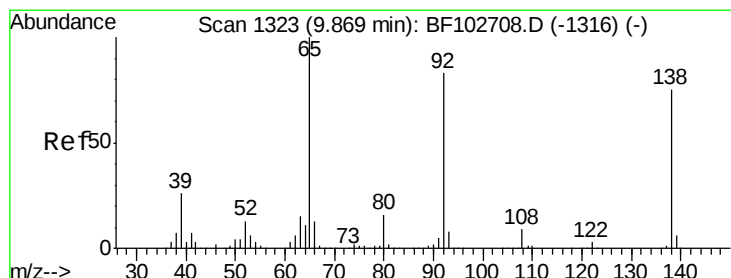
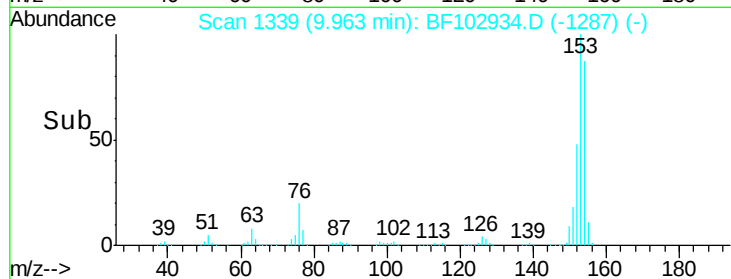
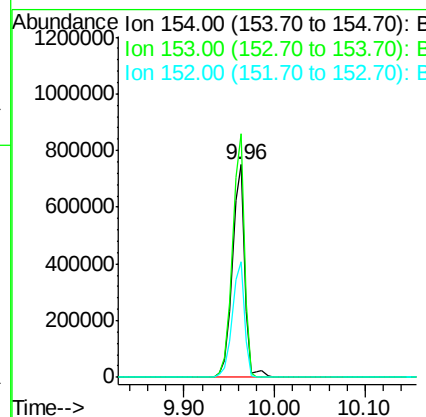
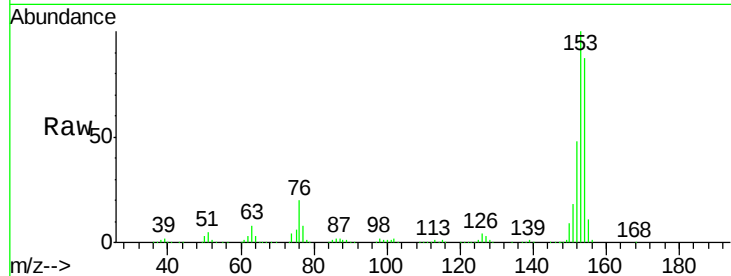
ClientSampleId :

PB106452BS

Tot Ion:	154	Resp:	705699
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.2	136.8
152	54.5	43.8	65.8

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#52

3-Nitroaniline

Concen: 27.711 ng

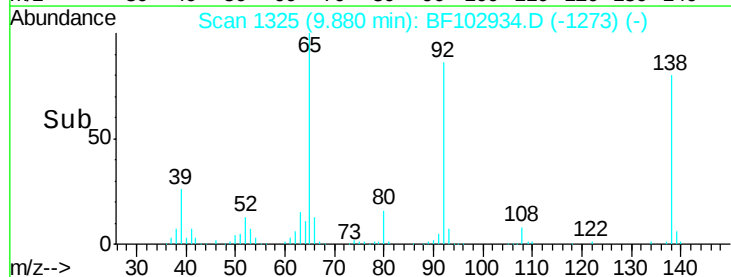
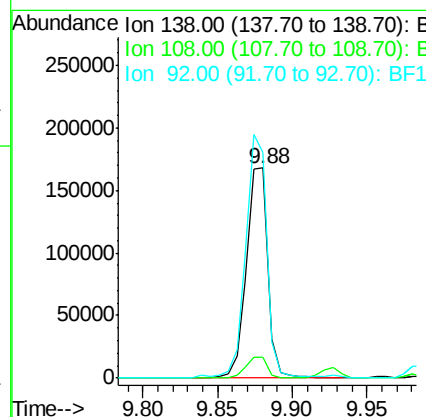
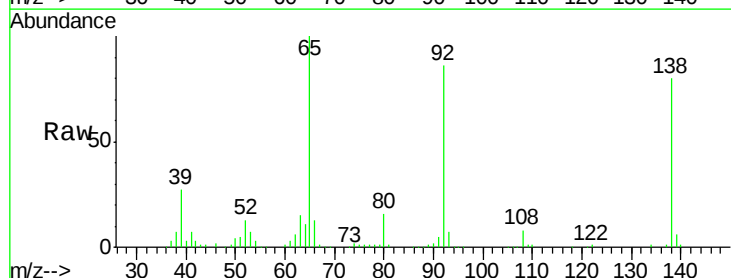
RT: 9.88 min Scan# 1325

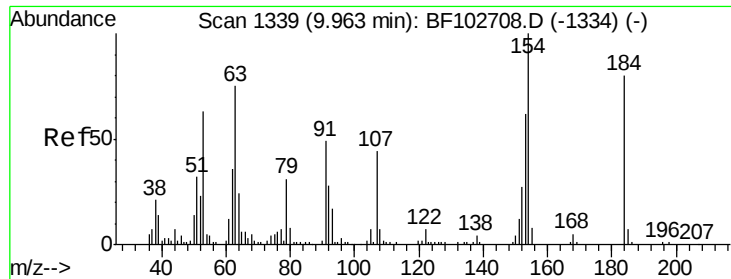
Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tgt Ion:	138	Resp:	167977
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.4	14.0
92	107.4	89.4	134.2





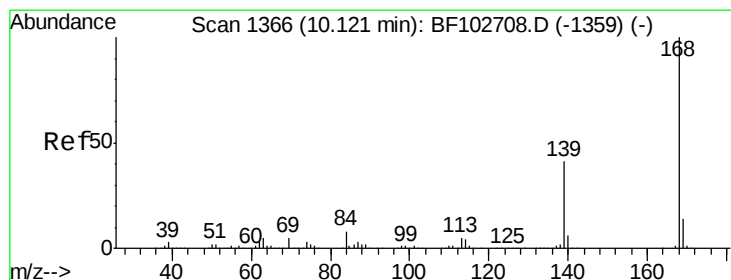
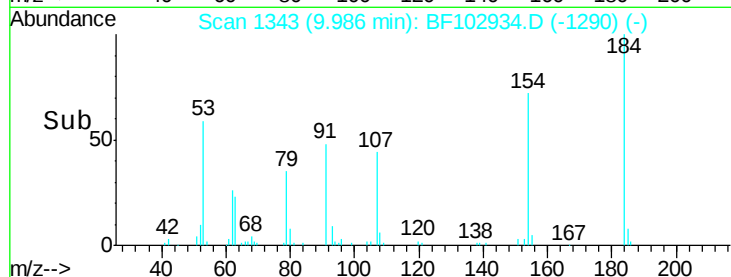
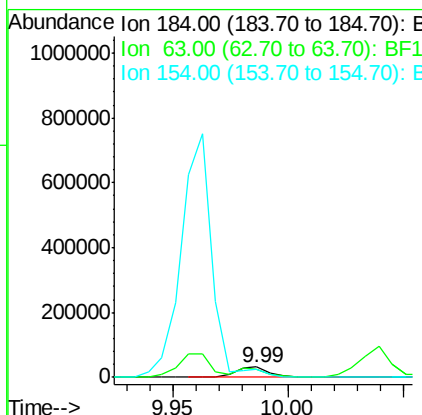
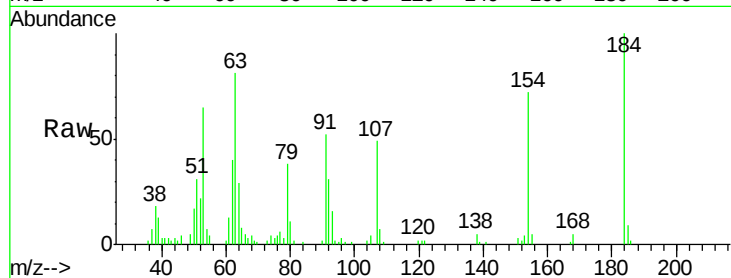
#53
2,4-Dinitrophenol
Concen: 33.919 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampled :
PB106452BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	81.4	54.2	81.2#
154	72.2	184.0	276.0#

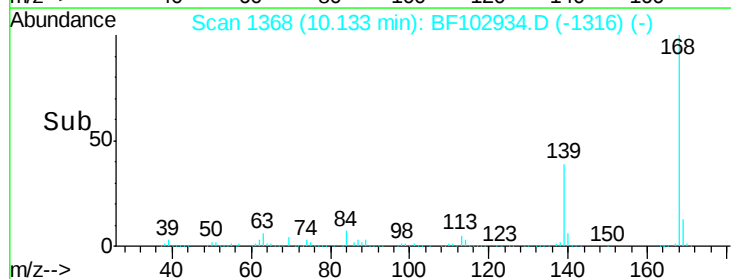
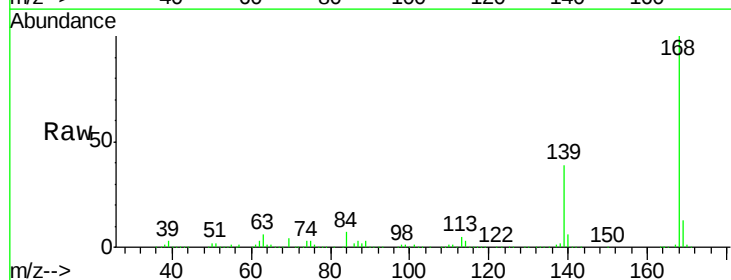
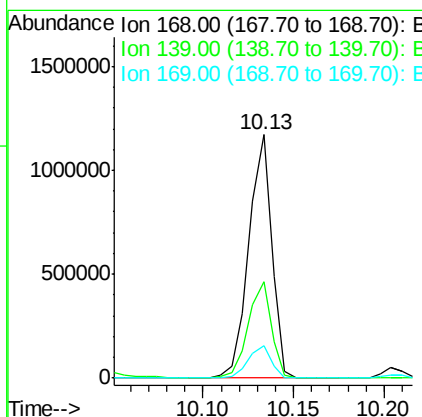
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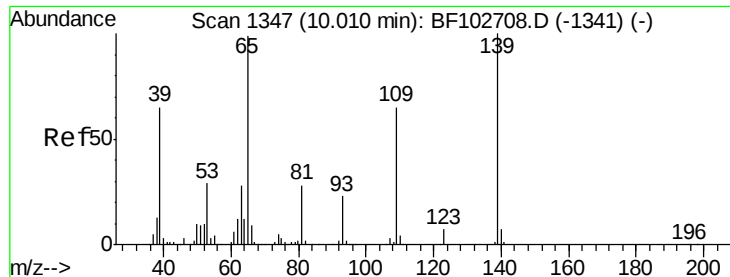
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#54
Dibenzofuran
Concen: 36.045 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.1	45.1
169	13.4	10.9	16.3





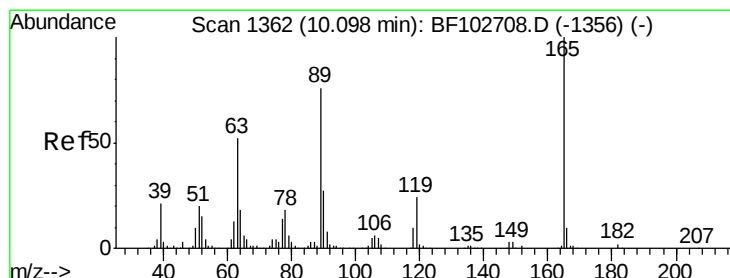
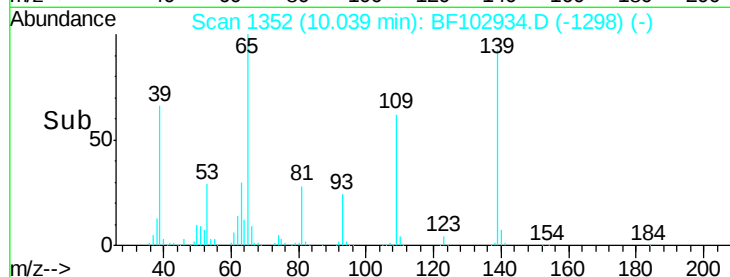
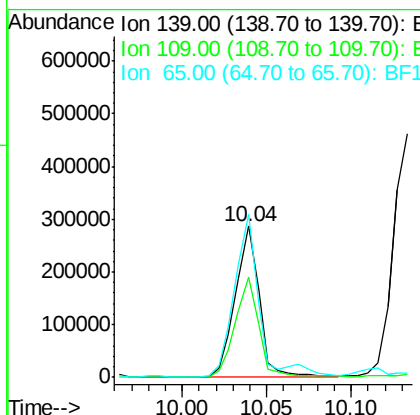
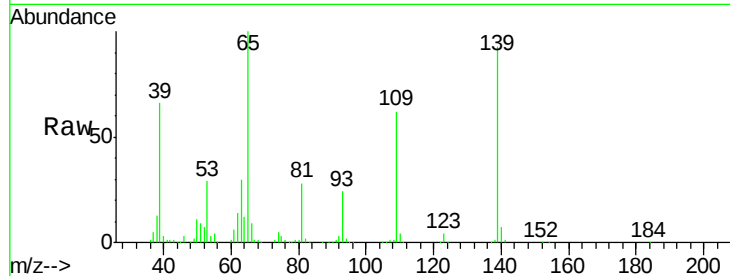
#55
4-Nitrophenol
Concen: 58.519 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	285849		
109	66.4	48.4	88.4	
65	107.9	72.6	112.6	

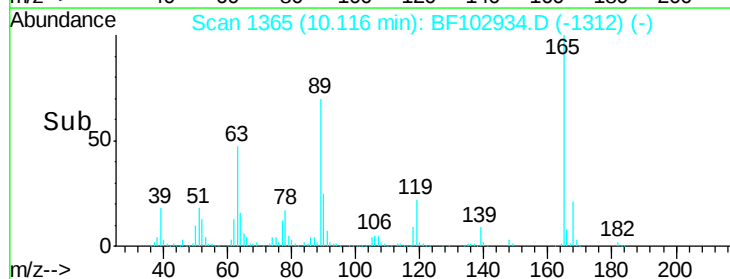
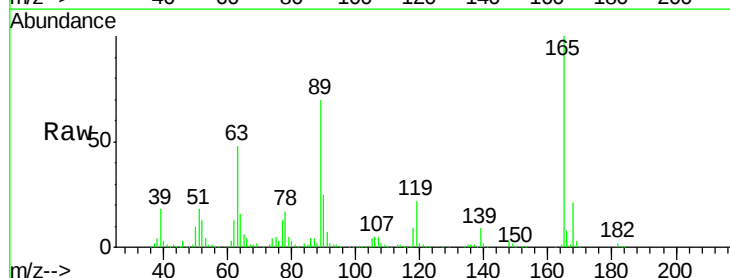
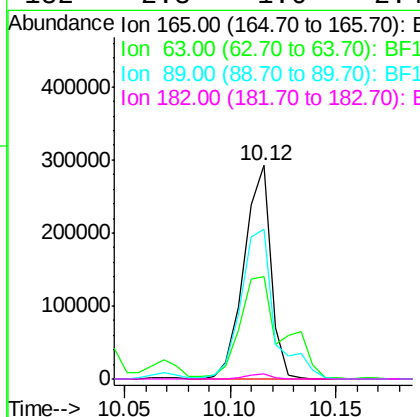
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#56
2,4-Dinitrotoluene
Concen: 39.799 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	259249		
63	47.8	36.4	54.6	
89	69.9	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 35.801 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

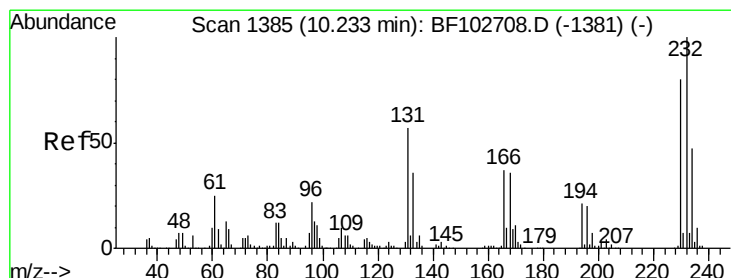
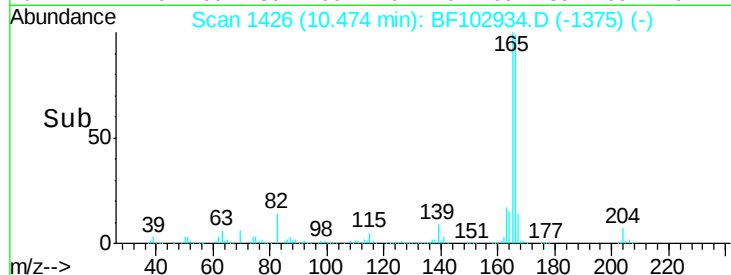
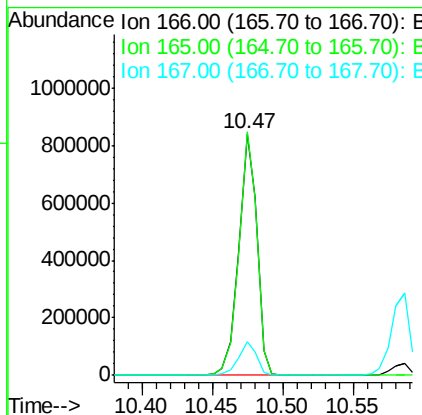
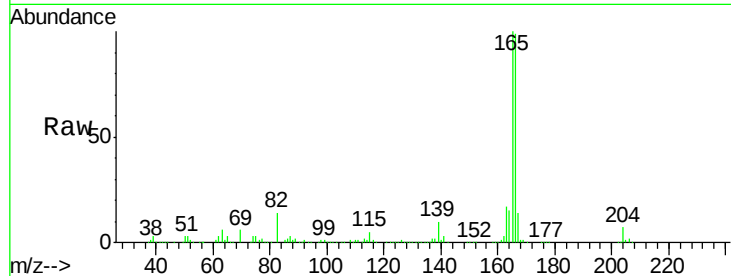
ClientSampleId :

PB106452BS

Tot Ion:	166	Resp:	750863
Ion Ratio	Lower	Upper	
166	100		
165	100.9	79.8	119.8
167	13.8	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.384 ng

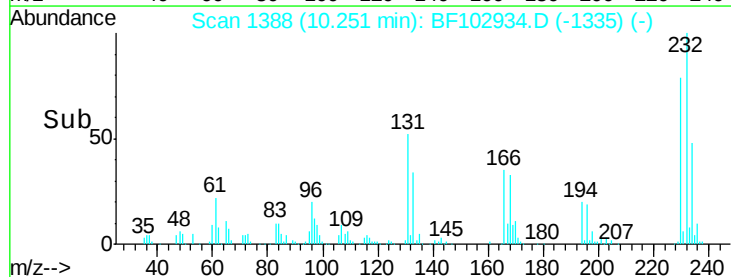
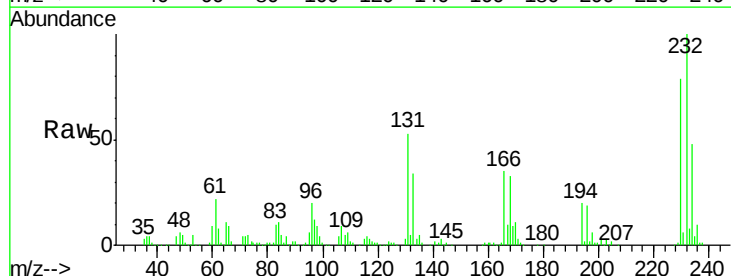
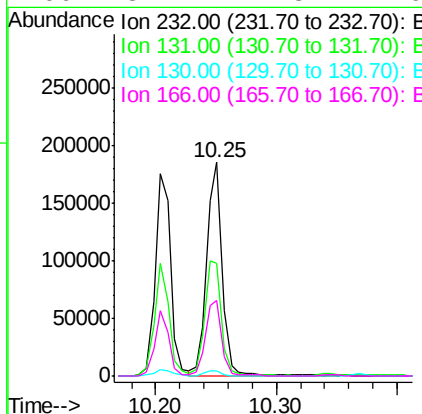
RT: 10.25 min Scan# 1388

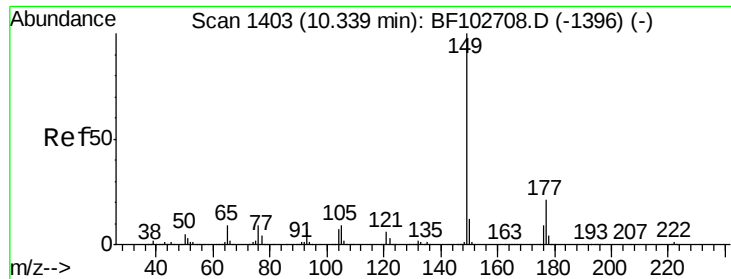
Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tgt Ion:	232	Resp:	164172
Ion Ratio	Lower	Upper	
232	100		
131	58.2	43.8	65.8
130	2.8	2.1	3.1
166	37.4	27.8	41.6





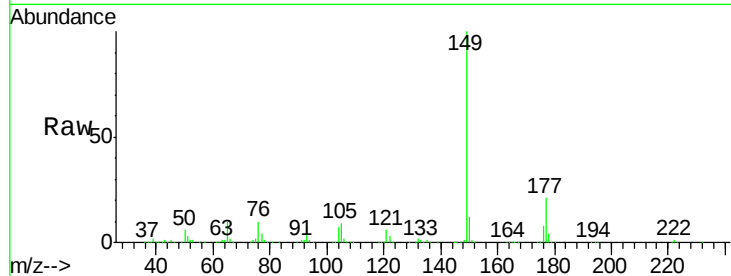
#59
Diethylphthalate
Concen: 36.535 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

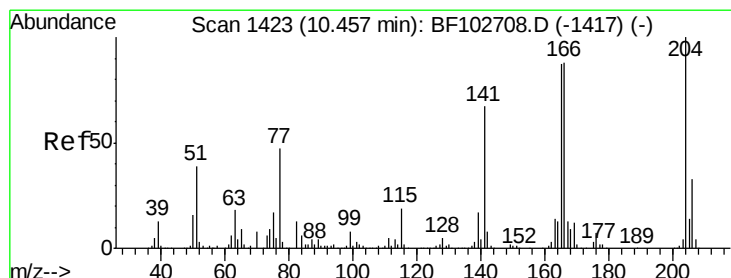
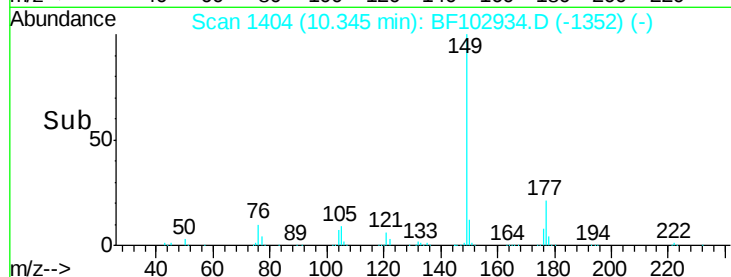
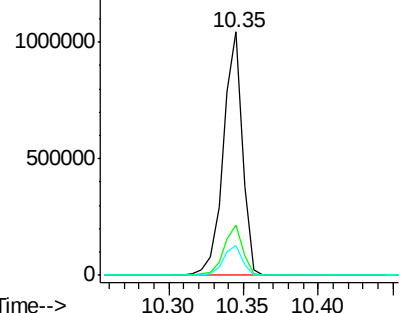
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.1	24.1
150	12.5	10.1	15.1

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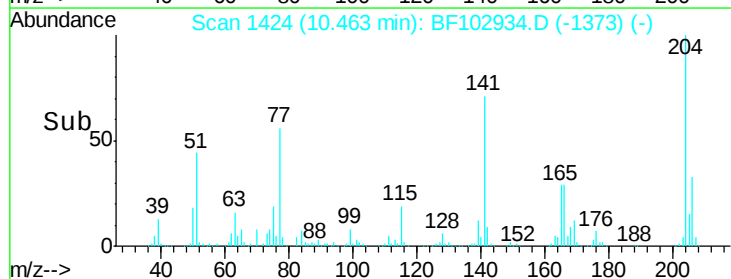
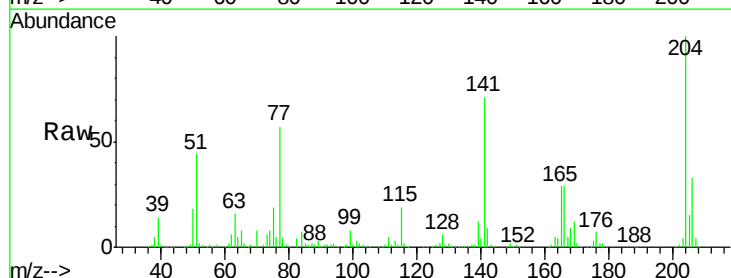
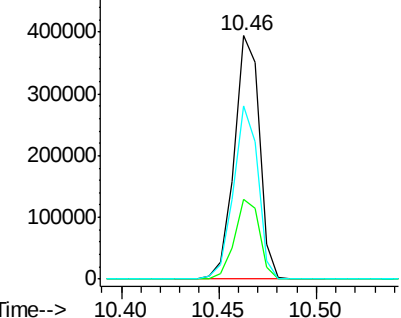
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

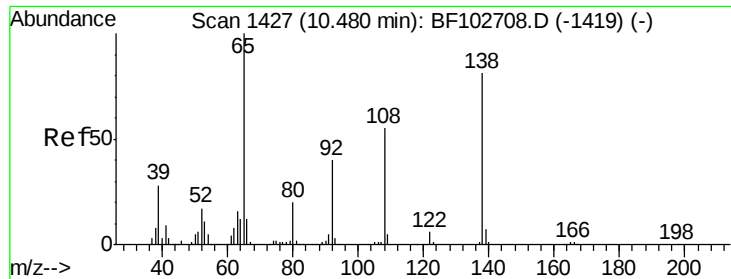


#60
4-Chlorophenyl-phenylether
Concen: 37.917 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	71.0	54.6	81.8

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





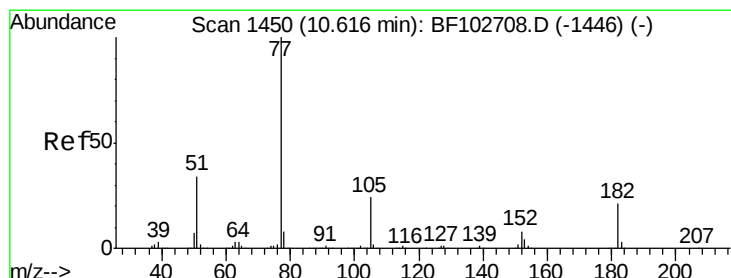
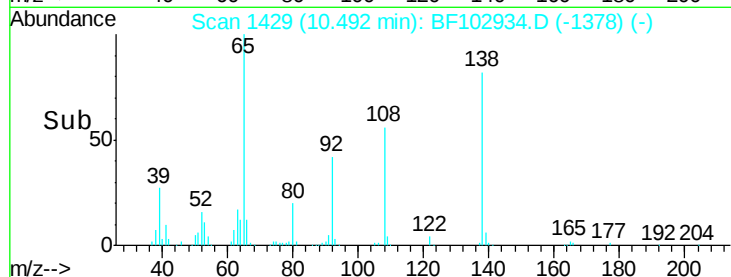
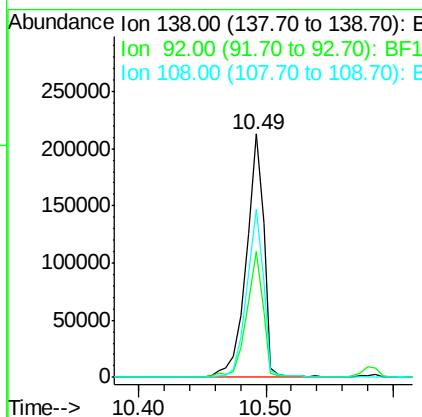
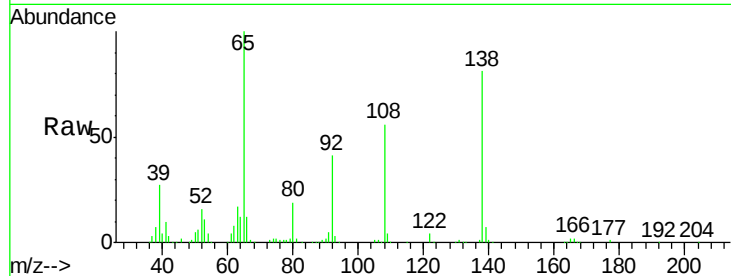
#61
4-Nitroaniline
Concen: 35.543 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.4	30.2	70.2
108	68.9	52.5	92.5

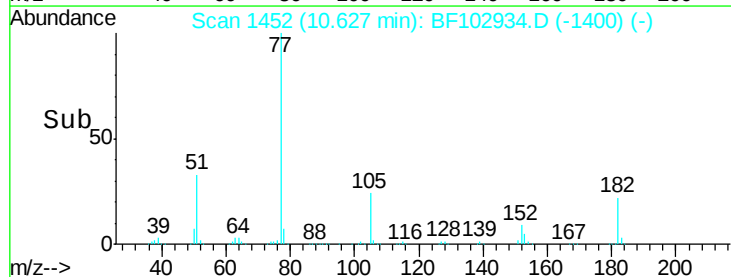
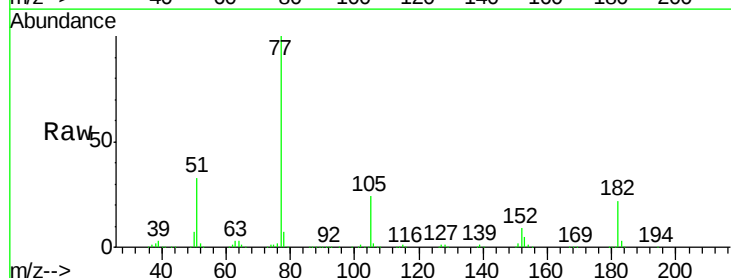
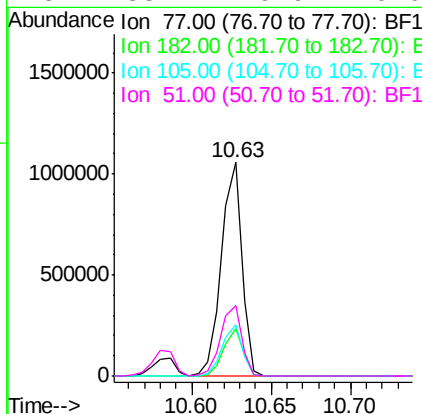
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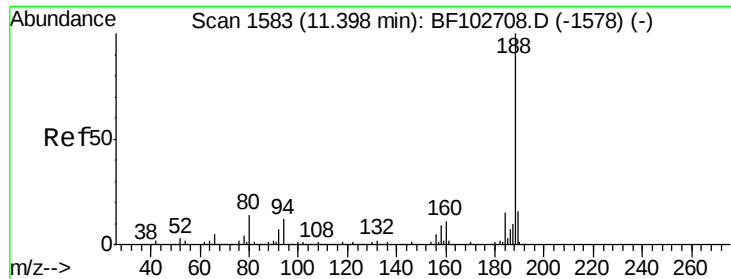
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#62
Azobenzene
Concen: 37.166 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.2	1.7	41.7
105	24.3	3.0	43.0
51	33.2	9.9	49.9





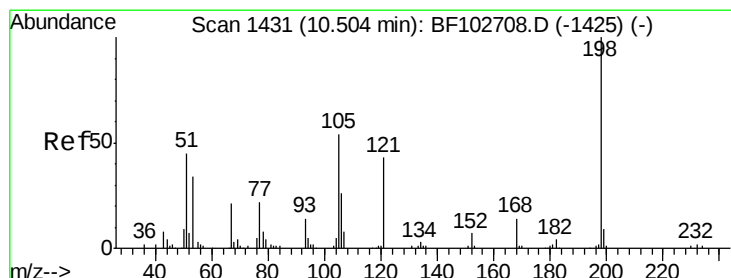
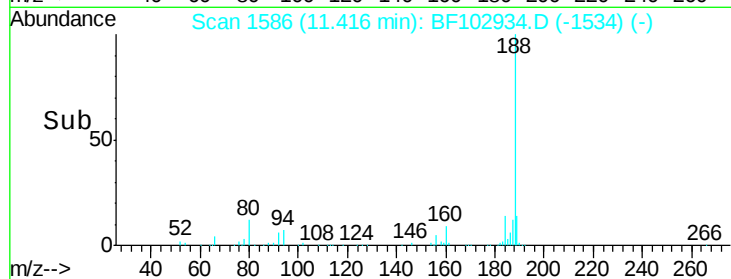
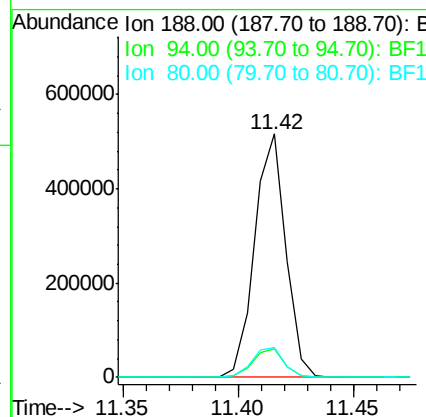
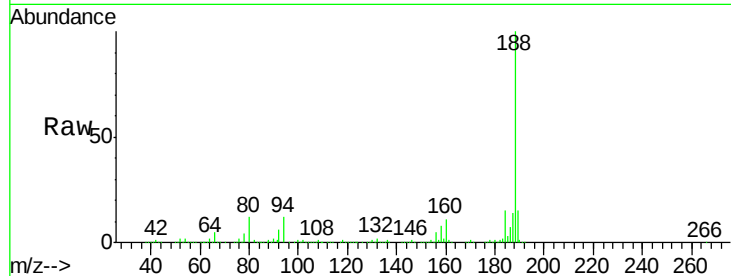
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	487013		
94	11.8		8.5	12.7
80	12.2		9.2	13.8

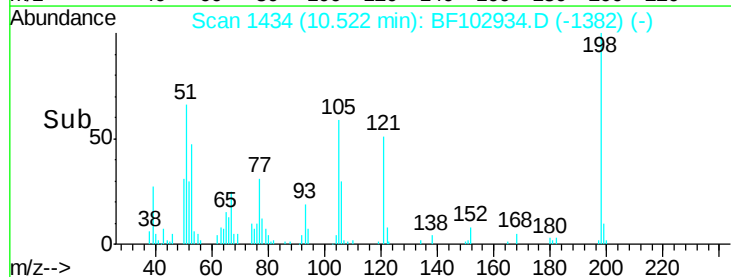
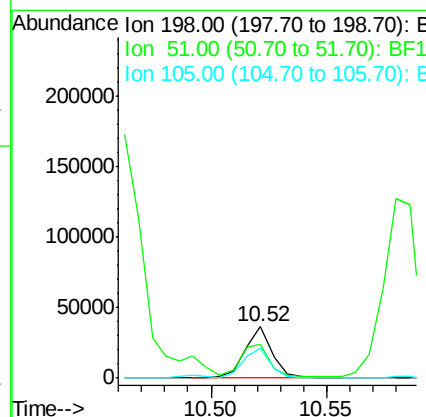
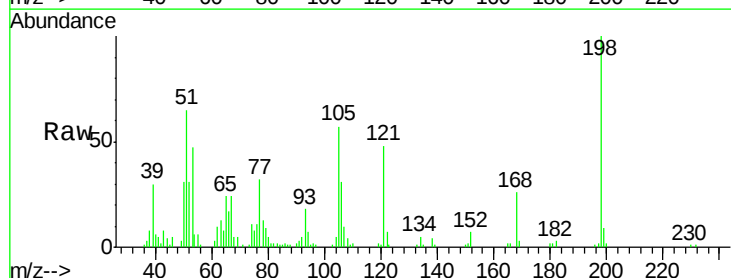
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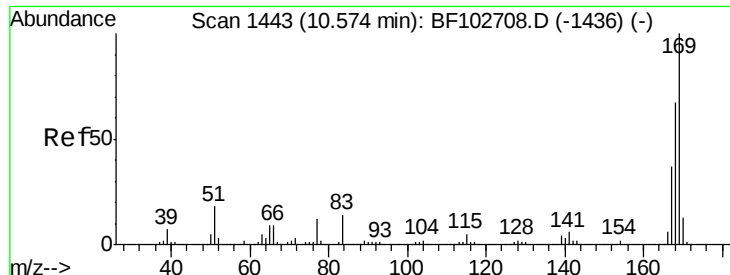
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#64
4,6-Dinitro-2-methylphenol
Concen: 21.921 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	29996		
51	65.5		37.7	77.7
105	57.0		36.3	76.3





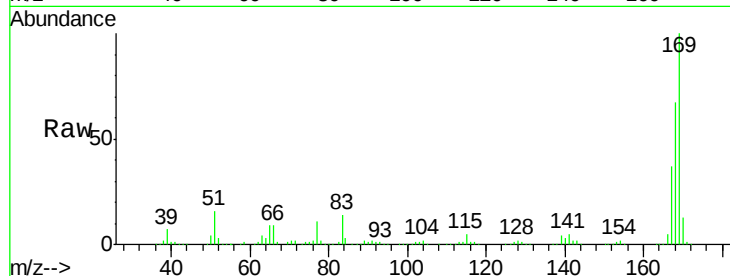
#65
n-Nitrosodiphenylamine
Concen: 41.310 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

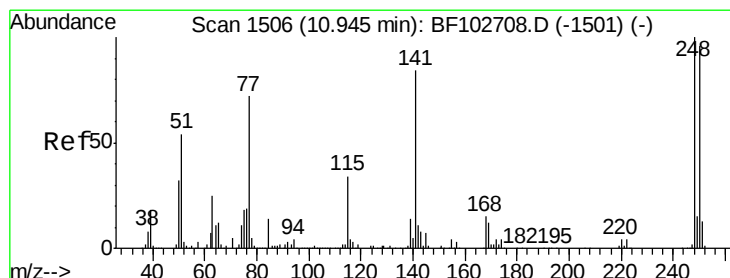
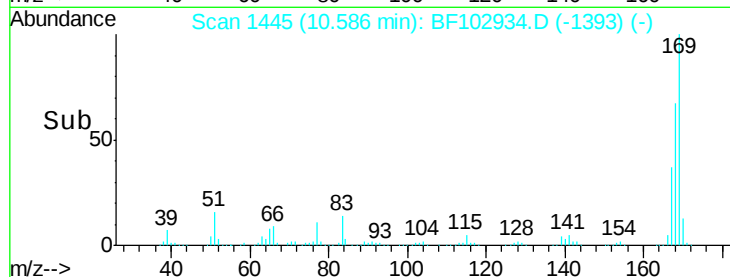
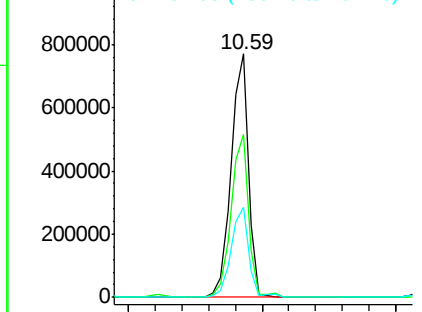
Tot Ion	Ratio	Resp	Lower	Upper
169	100	709636		
168	67.1		54.4	81.6
167	36.9		29.8	44.6

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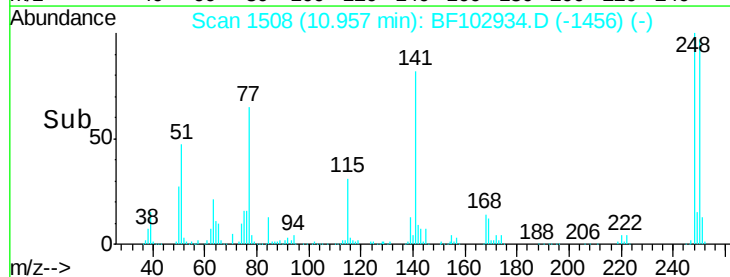
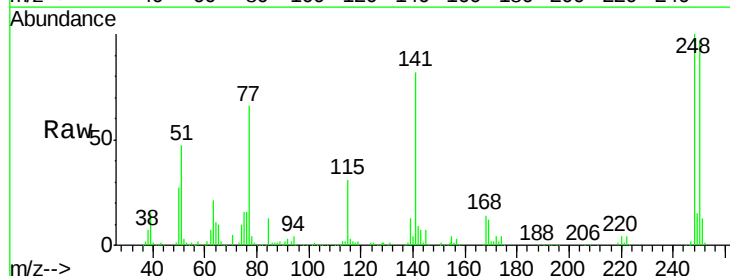
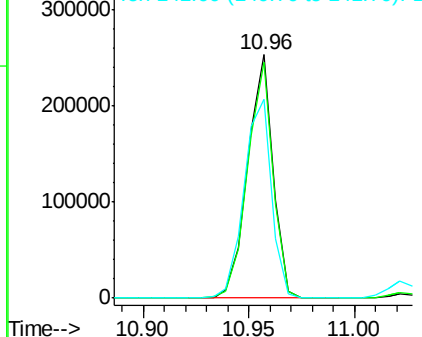
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 41.085 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	211657		
250	96.7		76.9	115.3
141	81.9		74.4	111.6

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





#67

Hexachlorobenzene

Concen: 36.993 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

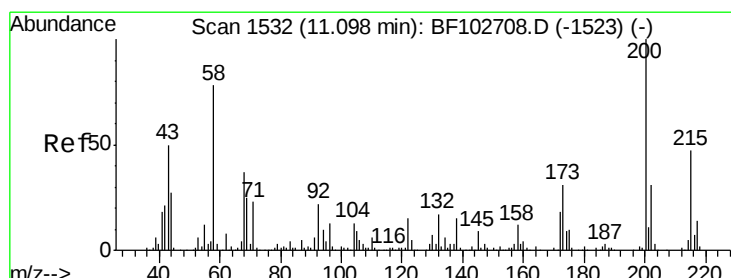
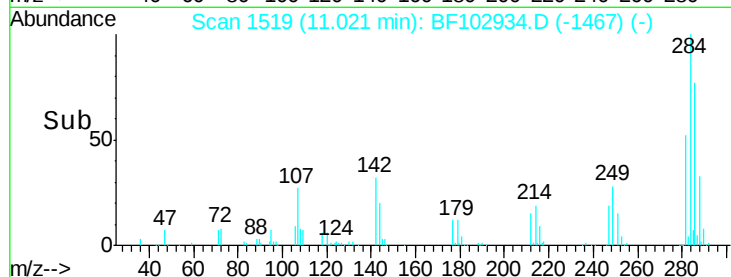
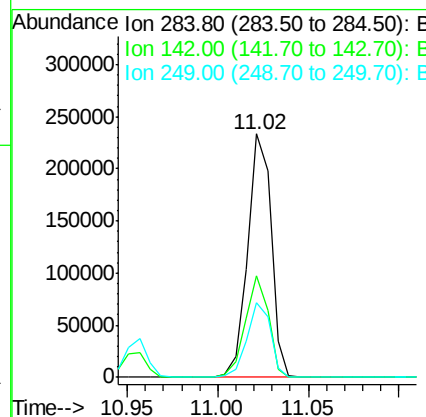
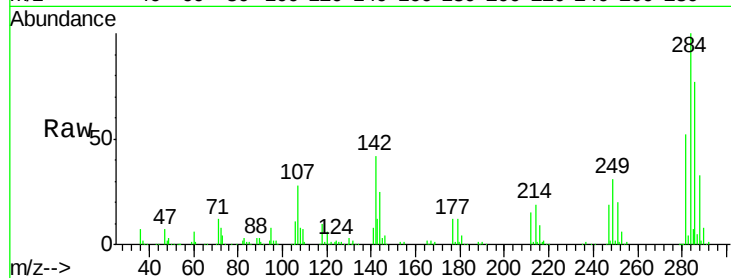
ClientSampleId :

PB106452BS

Tot Ion:	284	Resp:	210242
Ion Ratio		Lower	Upper
284	100		
142	42.0	34.6	52.0
249	30.6	24.8	37.2

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#68

Atrazine

Concen: 40.731 ng

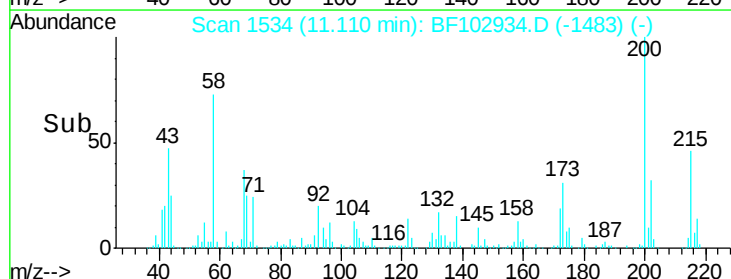
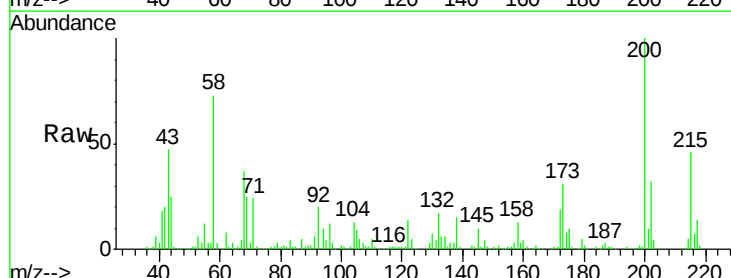
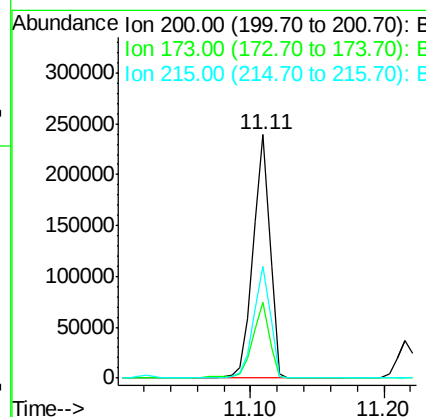
RT: 11.11 min Scan# 1534

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tgt Ion:	200	Resp:	206415
Ion Ratio		Lower	Upper
200	100		
173	31.1	8.6	48.6
215	45.9	25.1	65.1





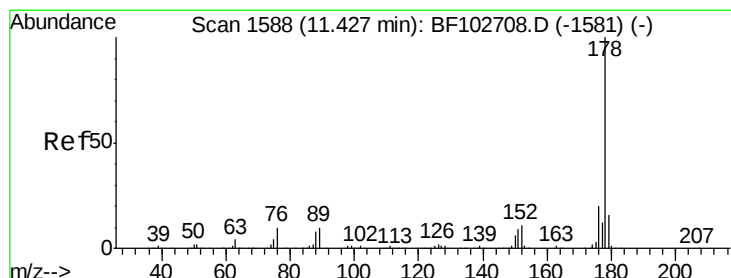
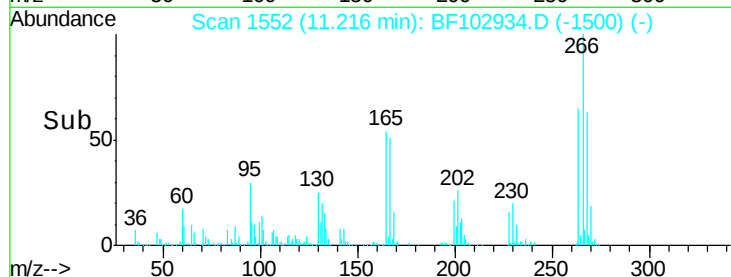
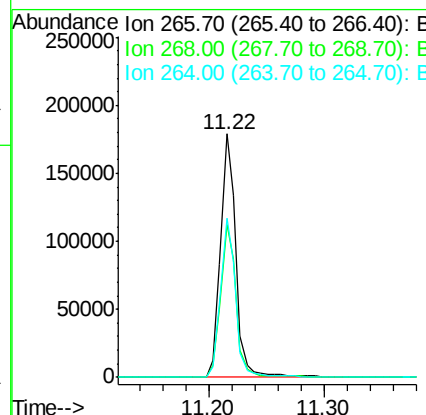
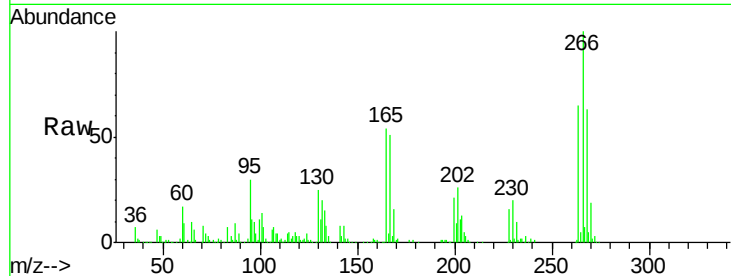
#69
 Pentachlorophenol
 Concen: 49.836 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Instrument :
 BNA_F
 ClientSampleId :
 PB106452BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	166264		
268	62.6	51.1	76.7	
264	65.2	49.5	74.3	

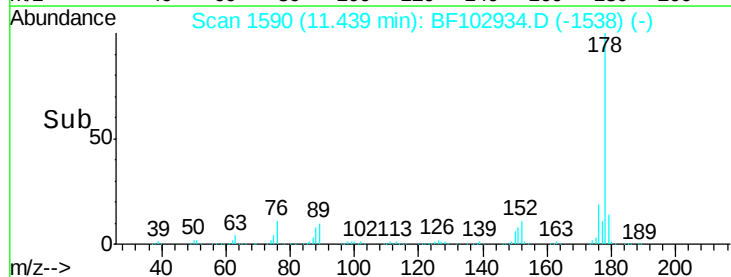
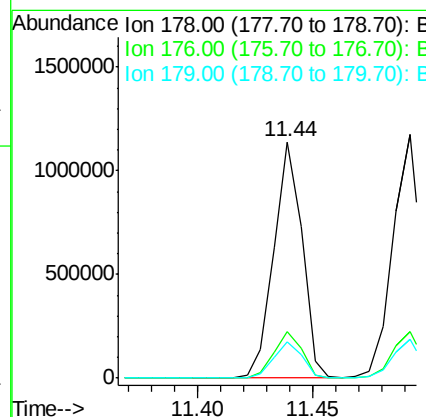
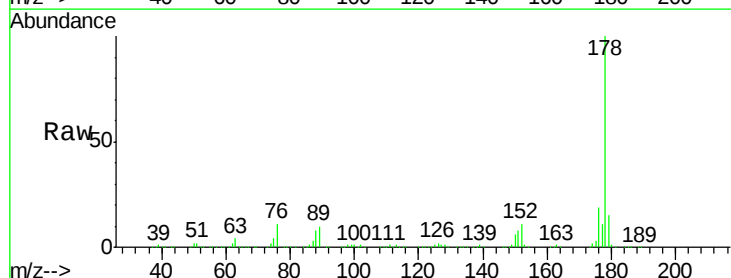
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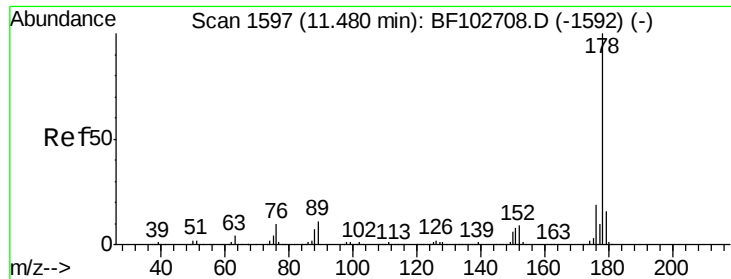
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#70
 Phenanthrene
 Concen: 35.760 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	969924		
176	19.5	15.8	23.8	
179	15.3	13.0	19.6	





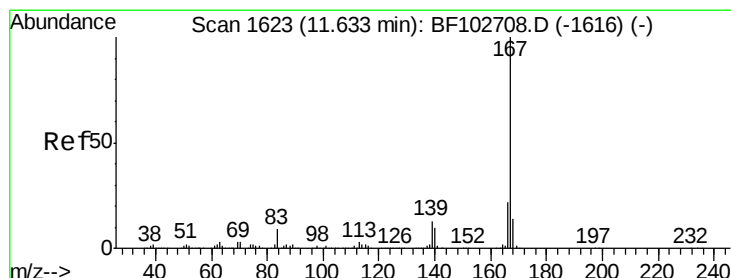
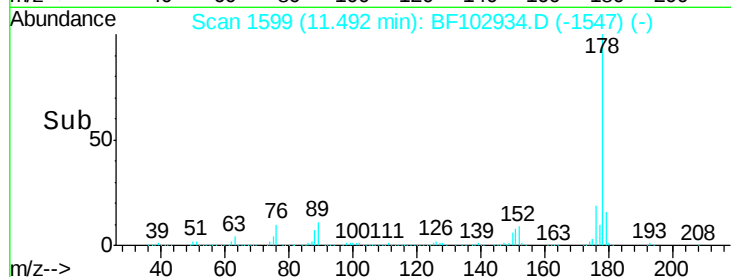
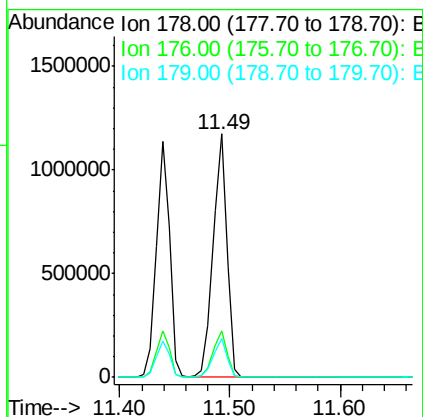
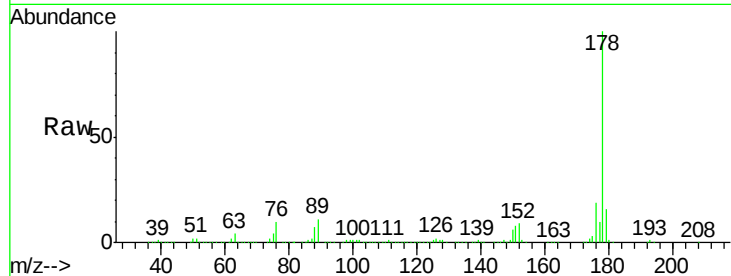
#71
 Anthracene
 Concen: 36.500 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Instrument :
 BNA_F
 ClientSampleId :
 PB106452BS

Tot Ion:178 Resp: 1006924
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.9 12.6 19.0

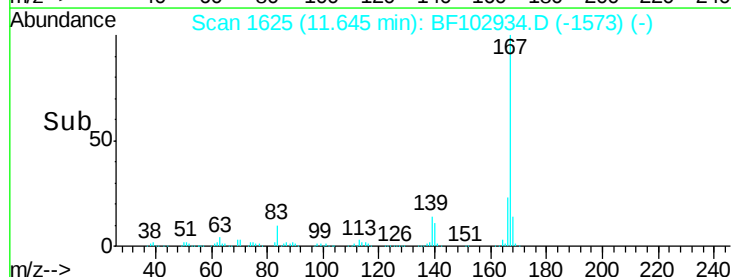
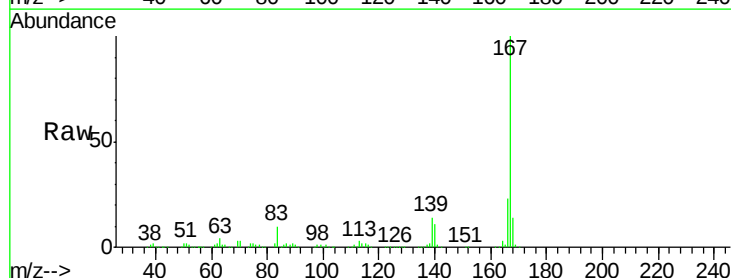
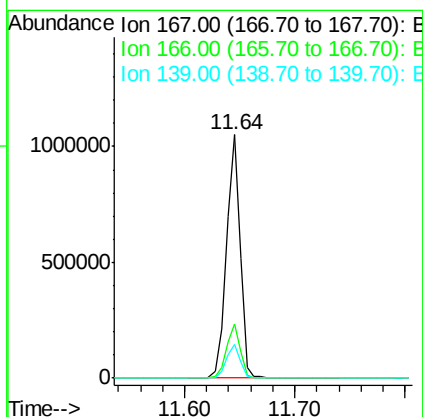
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#72
 Carbazole
 Concen: 33.861 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion:167 Resp: 915142
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.136 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

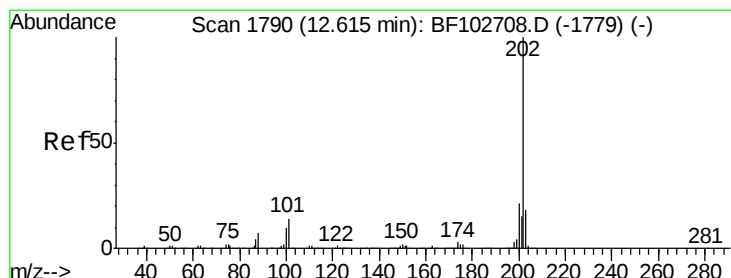
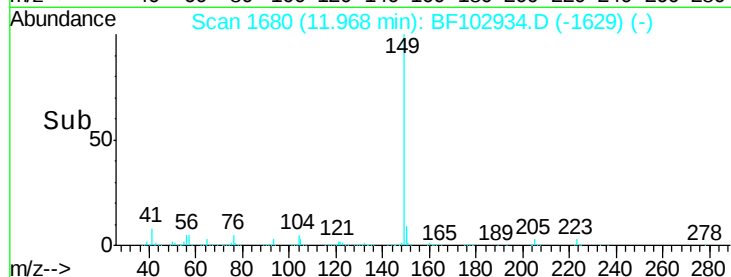
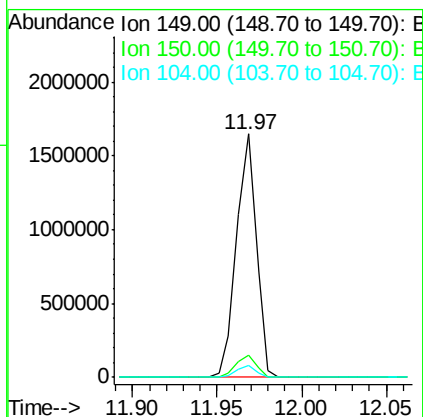
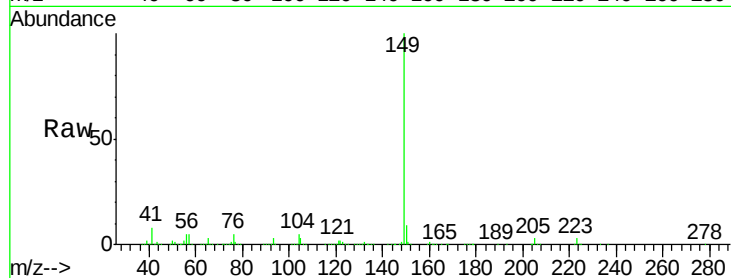
ClientSampleId :

PB106452BS

Tot Ion:	149	Resp:	1350502
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.8	3.8	5.8

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#74

Fluoranthene

Concen: 32.187 ng

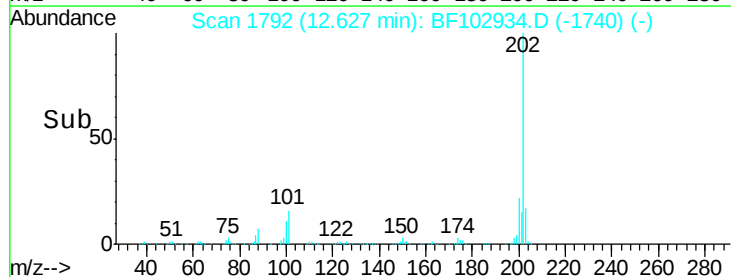
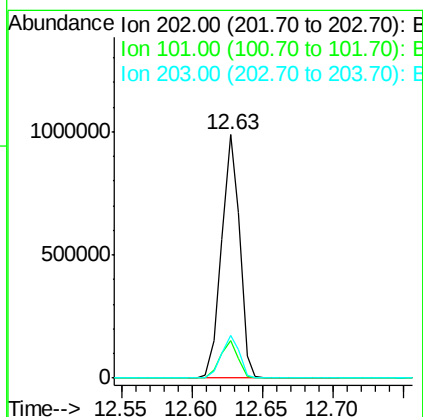
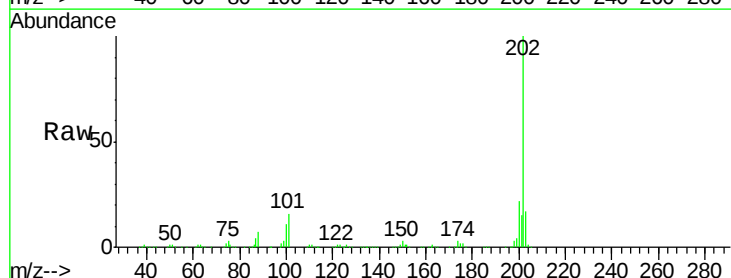
RT: 12.63 min Scan# 1792

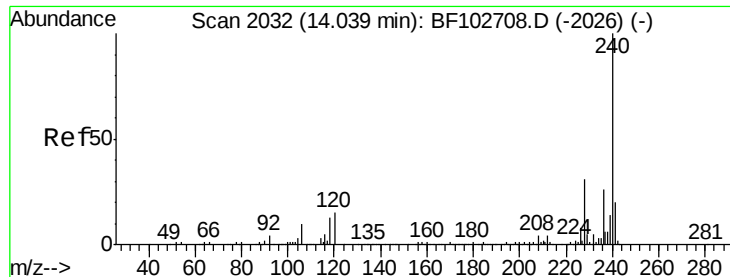
Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tgt Ion:	202	Resp:	878357
Ion Ratio	Lower	Upper	
202	100		
101	15.7	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

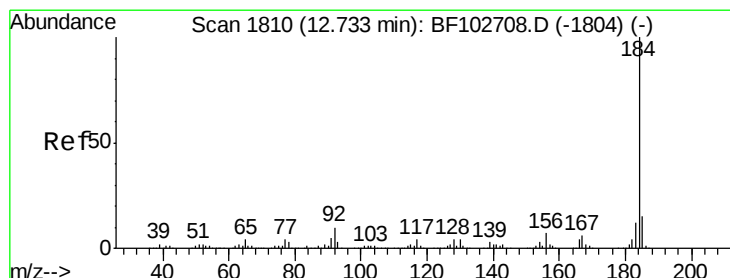
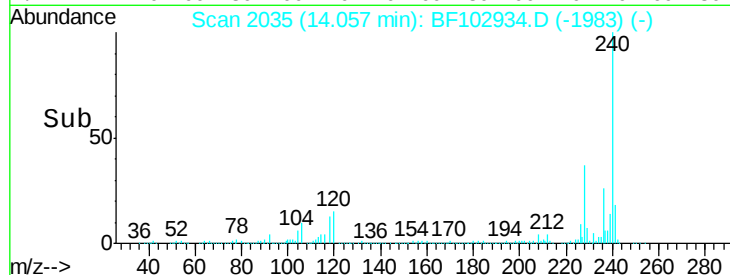
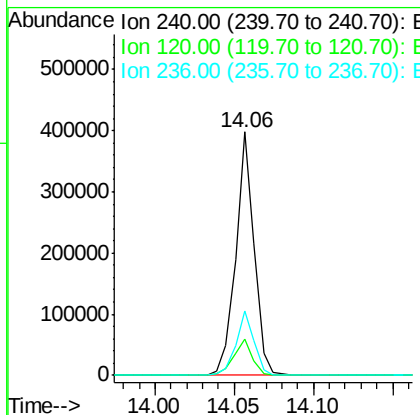
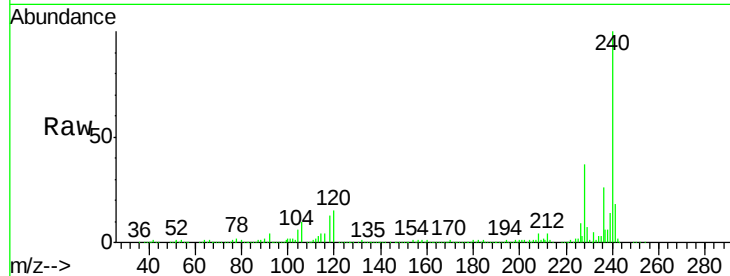
ClientSampleID :

PB106452BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.1	9.5	14.3	
236	26.4	20.7	31.1	

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#76

Benzidine

Concen: 31.297 ng

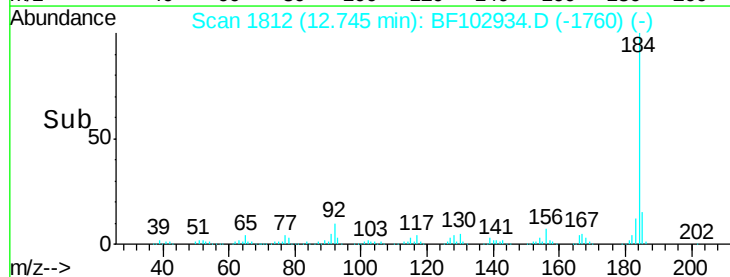
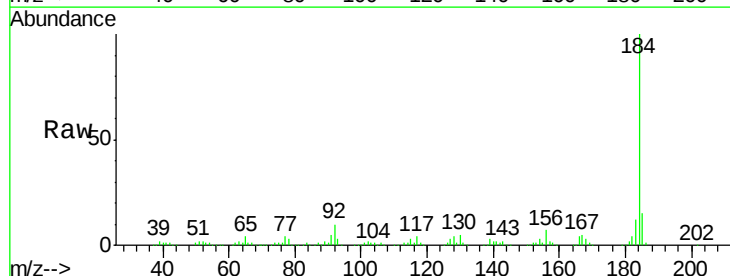
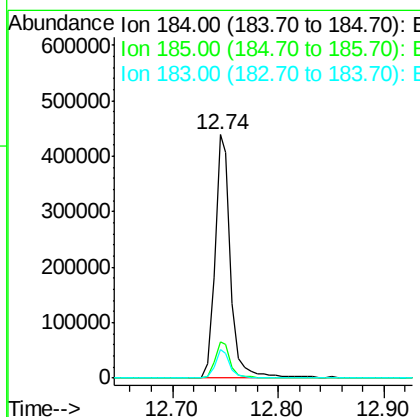
RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF102934.D

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Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.1	12.6	18.8	
183	11.7	9.3	13.9	





#77

Pvrene

Concen: 35.308 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Instrument :

BNA_F

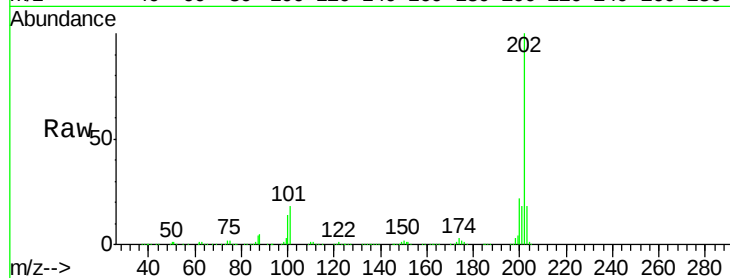
ClientSampleId :

PB106452BS

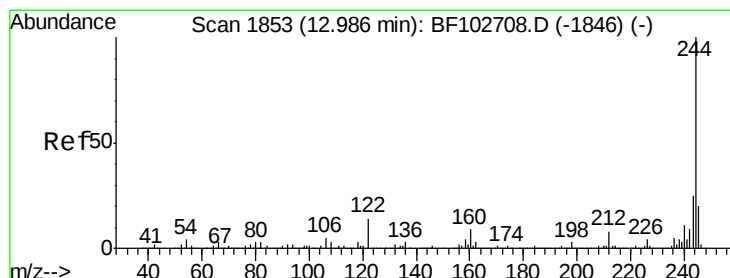
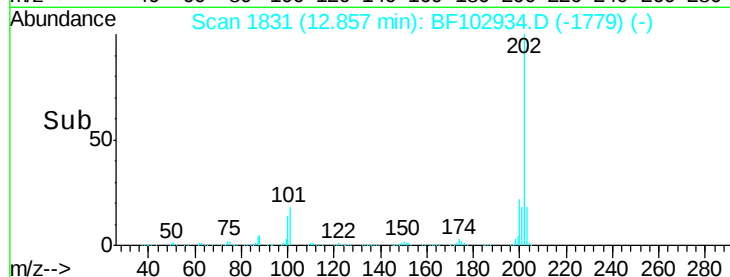
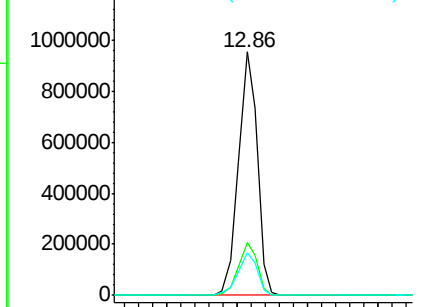
Tot Ion:	202	Resp:	887849
Ion Ratio		Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.6	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.279 ng

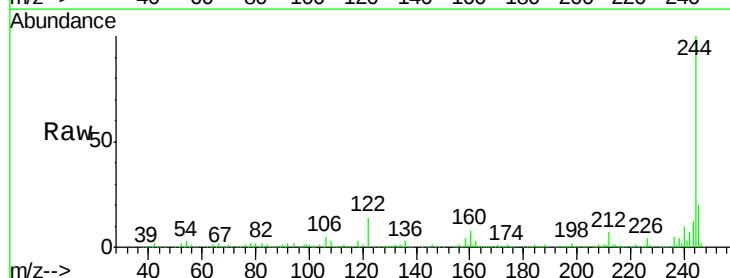
RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

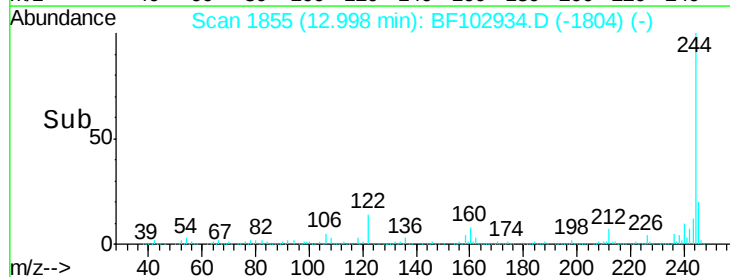
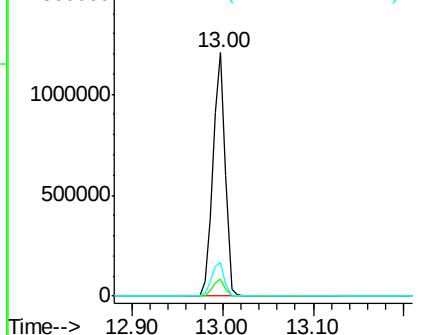
Lab File: BF102934.D

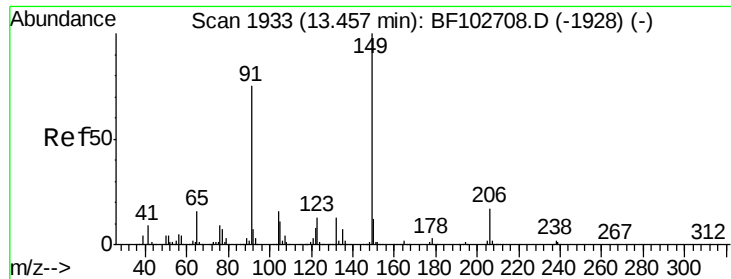
Acq: 12 Feb 2018 22:19

Tgt Ion:	244	Resp:	1141422
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.0	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





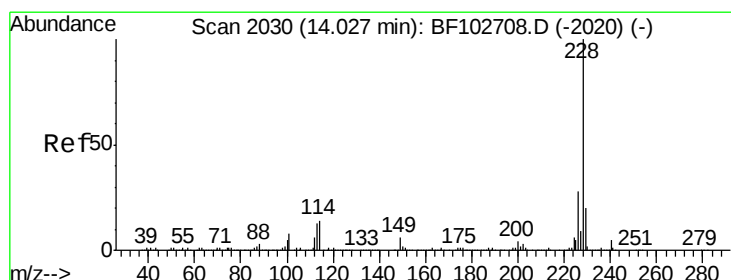
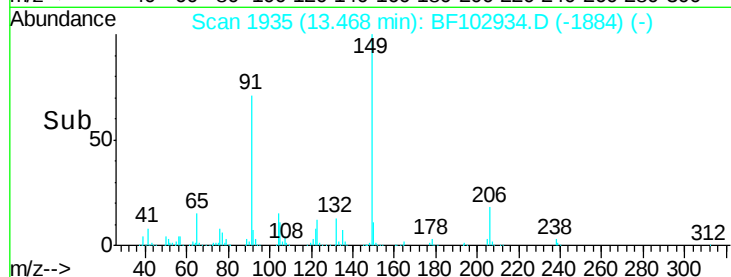
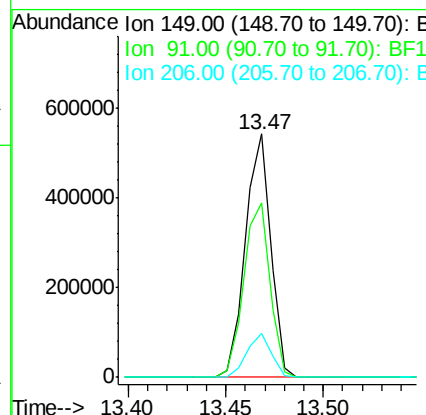
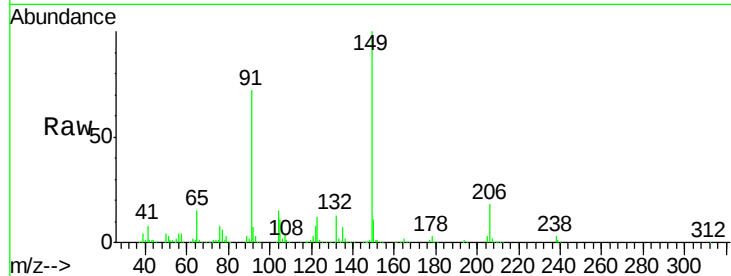
#79
Butylbenzylphthalate
Concen: 40.910 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	490208		
91	71.6	56.8	85.2	
206	18.2	14.1	21.1	

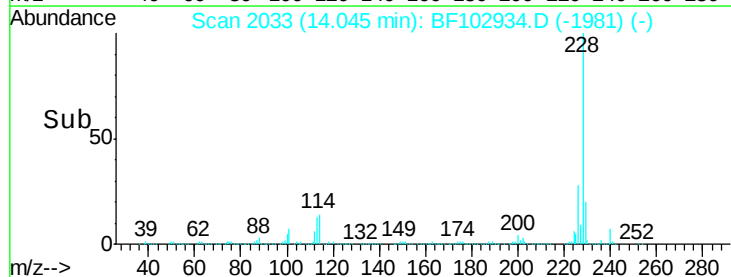
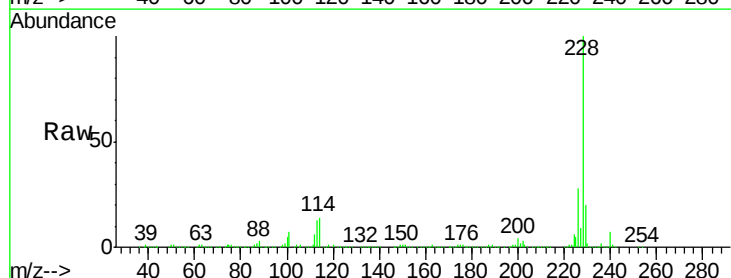
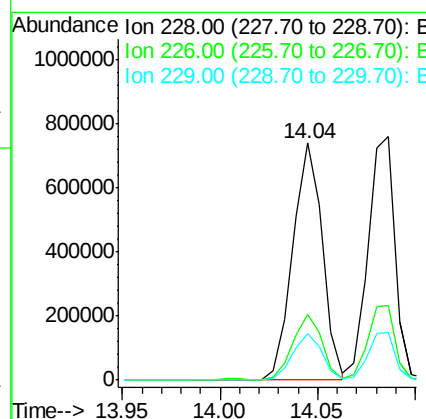
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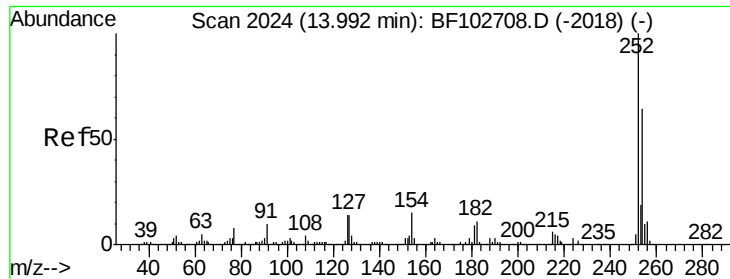
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#80
Benzo(a)anthracene
Concen: 38.321 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	772844		
226	27.6	22.6	33.8	
229	19.5	15.8	23.6	





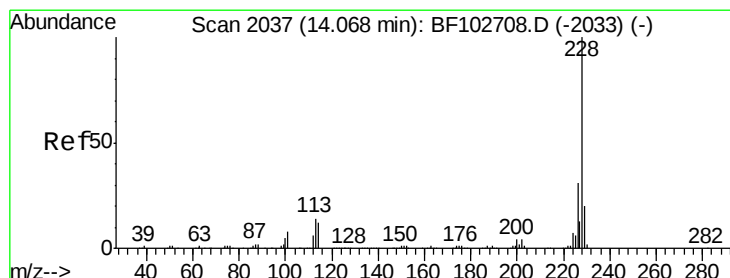
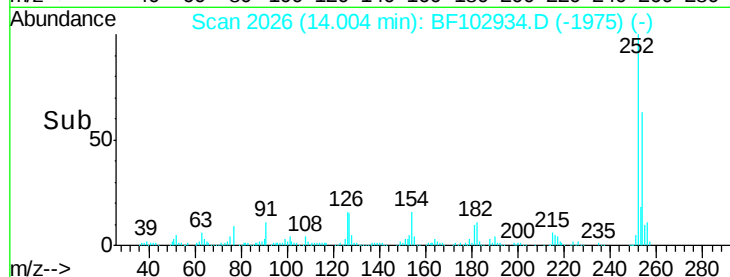
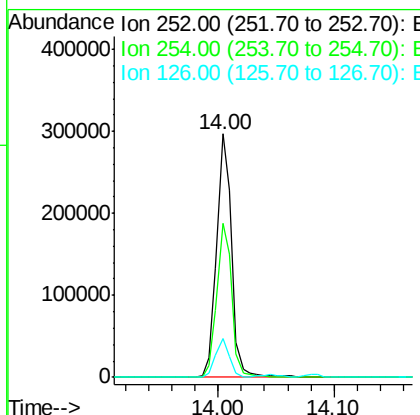
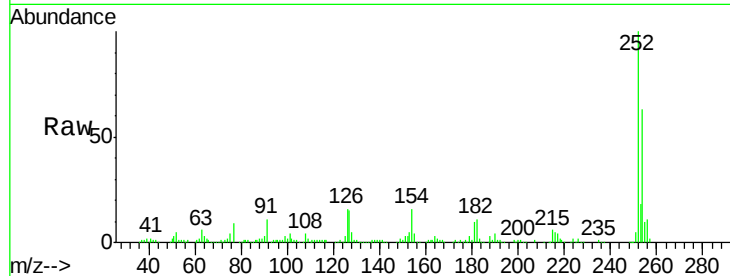
#81
 3,3'-Dichlorobenzidine
 Concen: 35.841 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Instrument :
 BNA_F
 ClientSampleId :
 PB106452BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.4	50.4	75.6
126	15.8	11.3	16.9

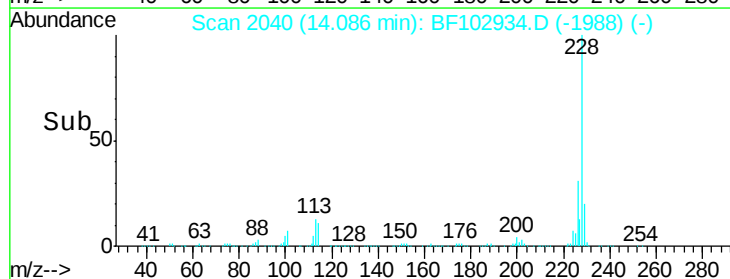
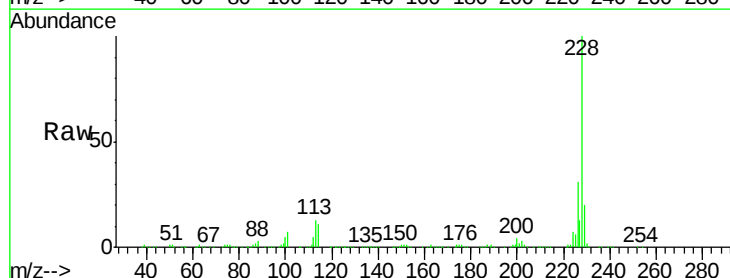
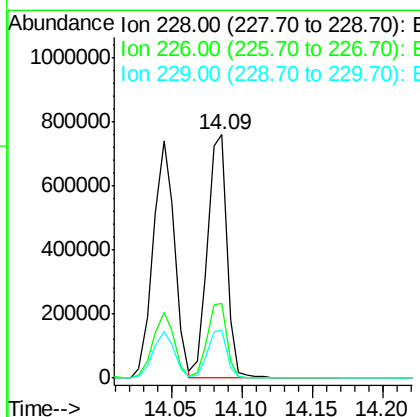
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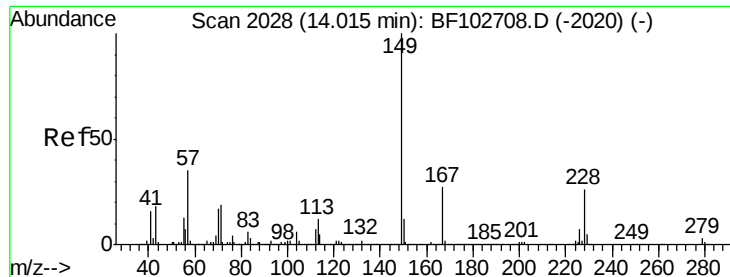
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#82
 Chrysene
 Concen: 35.974 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.7	16.2	24.4





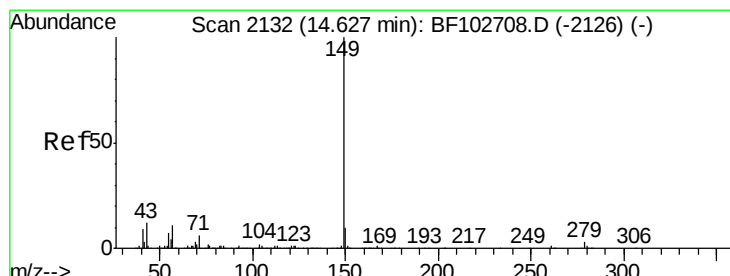
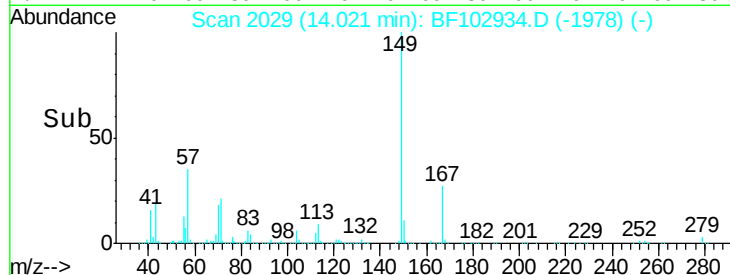
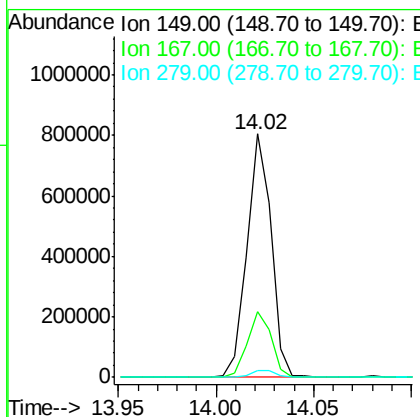
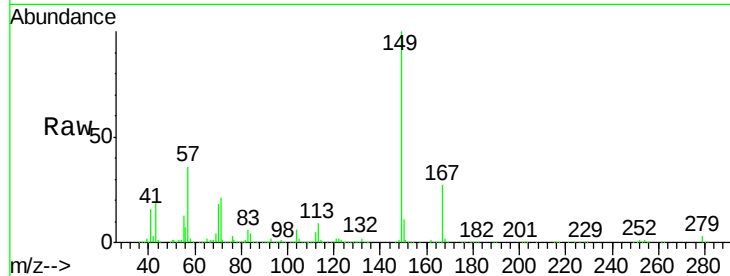
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.881 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Instrument :
 BNA_F
 ClientSampleID :
 PB106452BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	2.7	3.0	4.4#

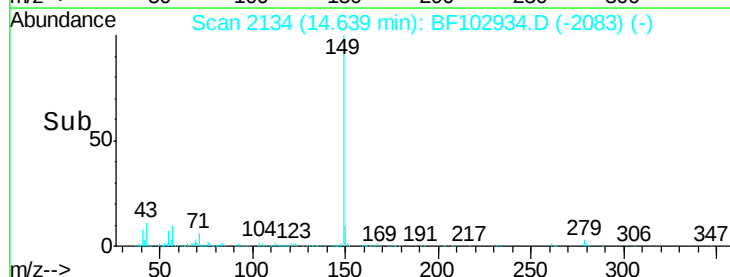
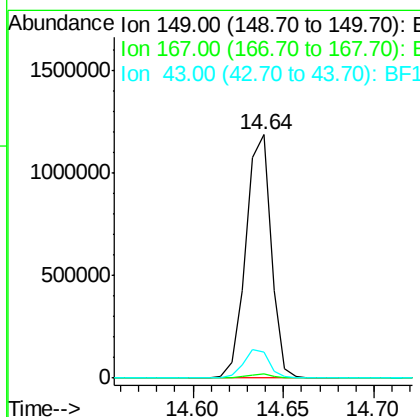
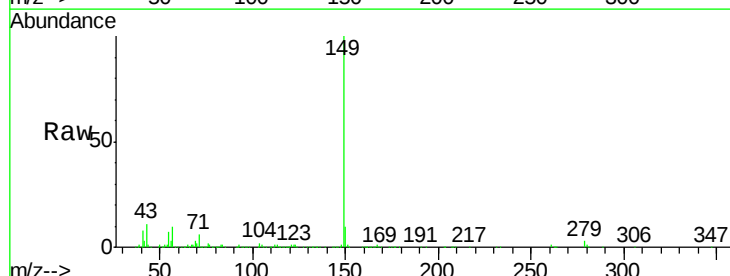
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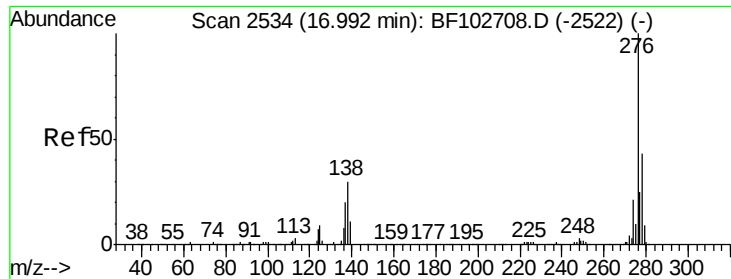
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#84
 Di-n-octyl phthalate
 Concen: 49.693 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BF102934.D
 Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.8	8.4	12.6





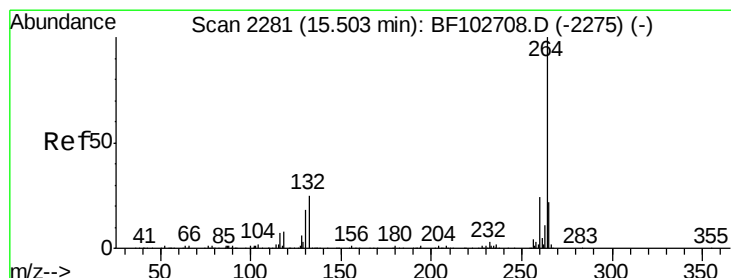
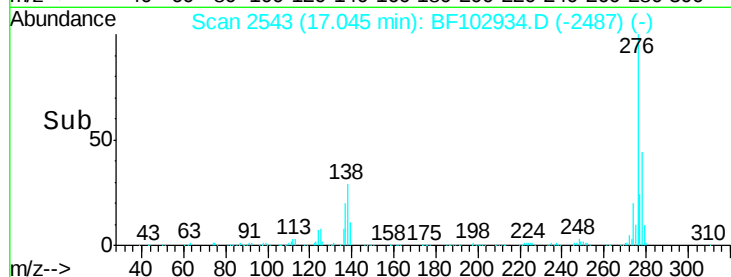
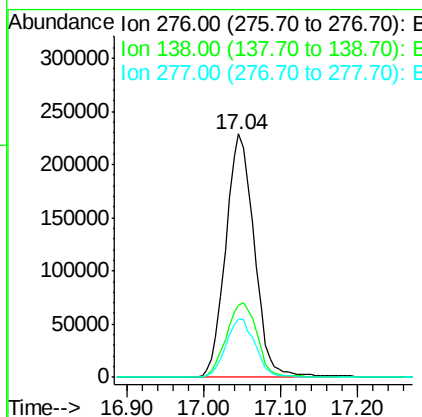
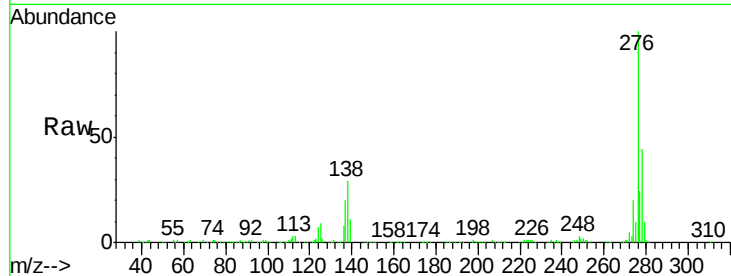
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.183 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.03 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.0	37.6
277	24.7	20.1	30.1

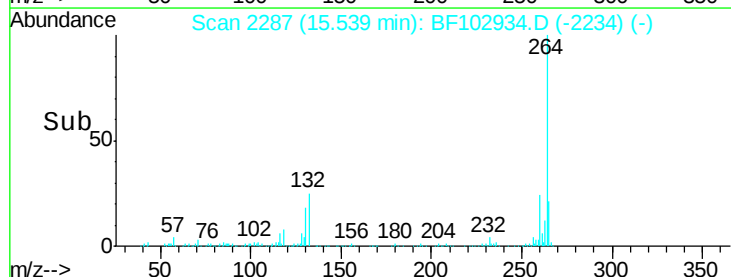
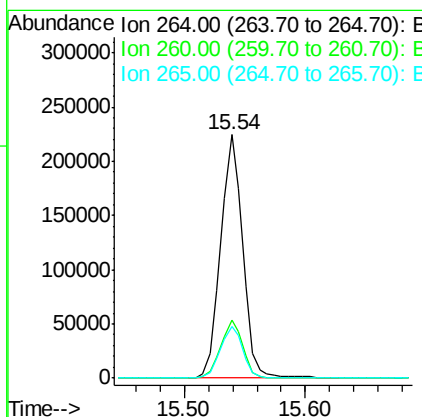
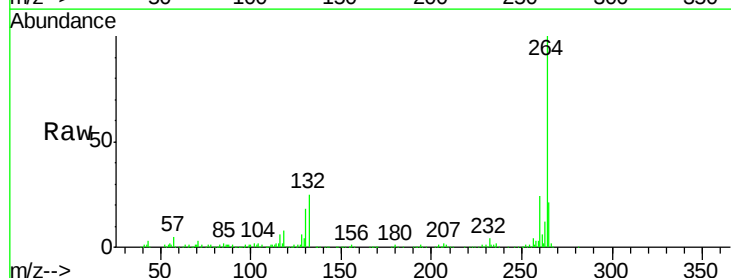
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	17.5	26.3





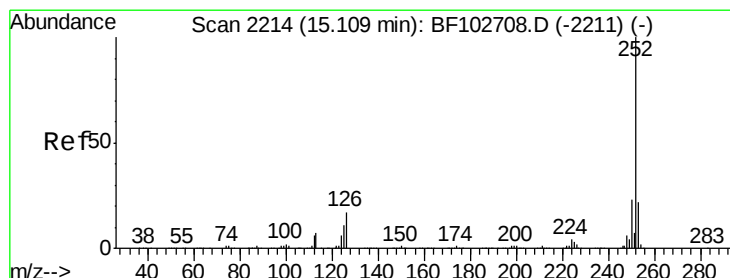
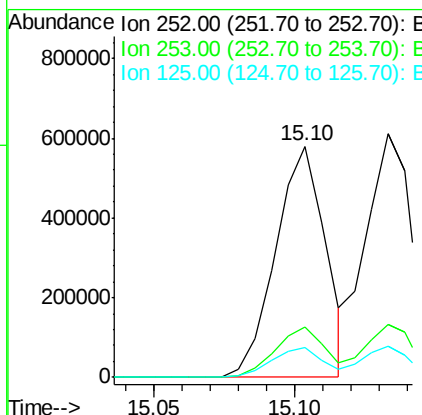
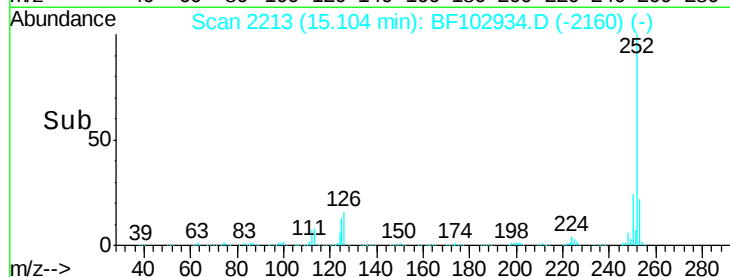
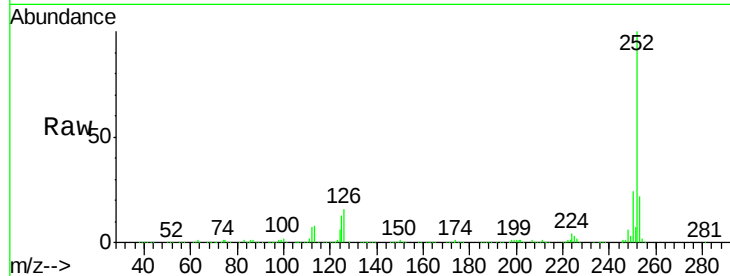
#87
Benzo(b)fluoranthene
Concen: 38.633 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	12.9	9.0	13.6

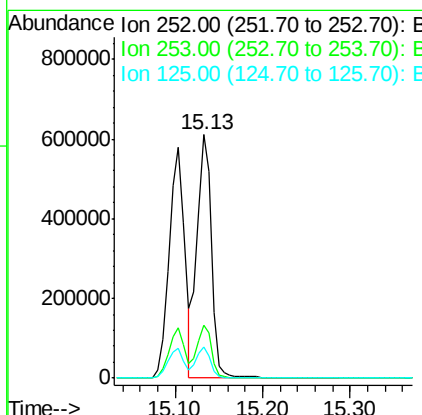
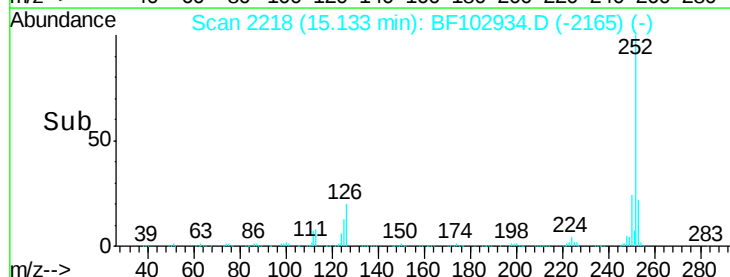
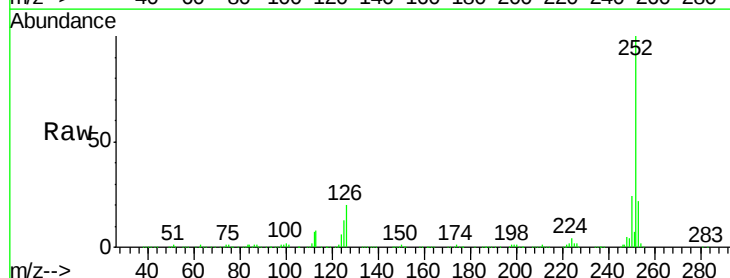
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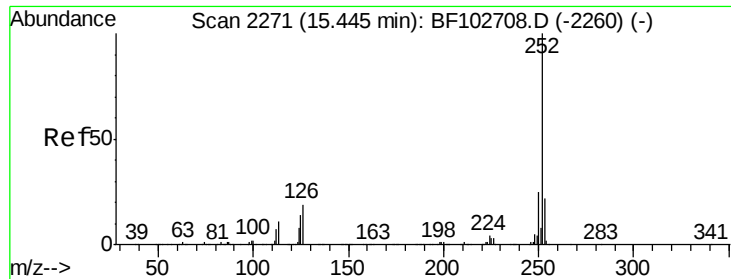
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#88
Benzo(k)fluoranthene
Concen: 40.565 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	13.0	10.2	15.2





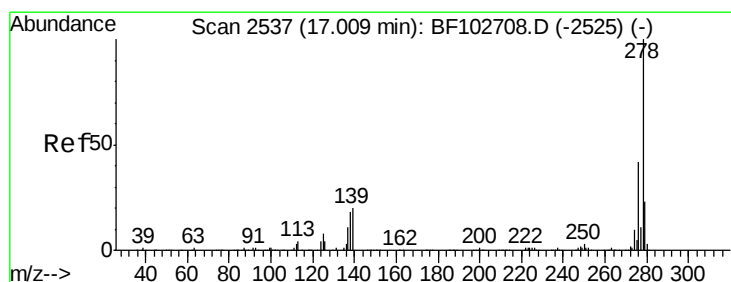
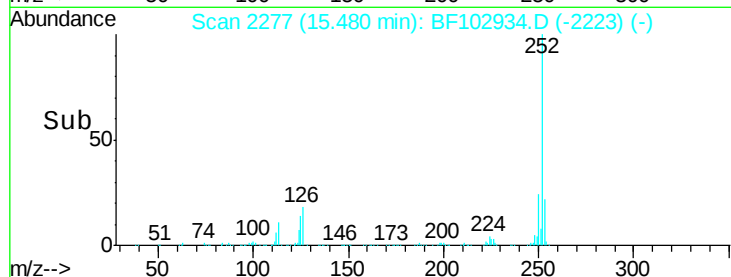
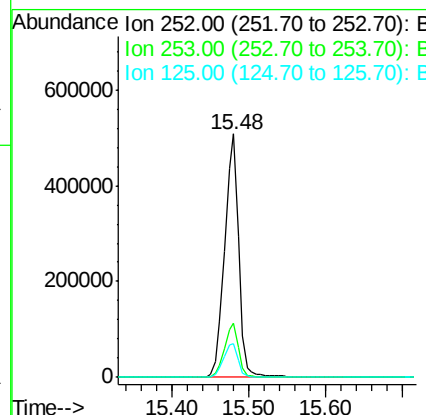
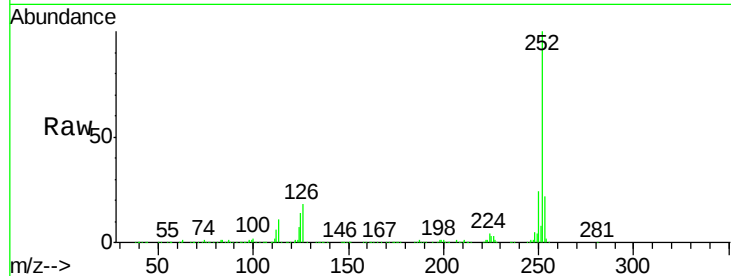
#89
Benzo(a)pyrene
Concen: 38.826 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Instrument :
BNA_F
ClientSampleId :
PB106452BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.0	9.8	14.6

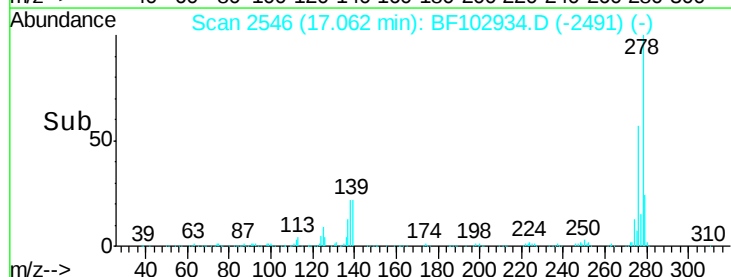
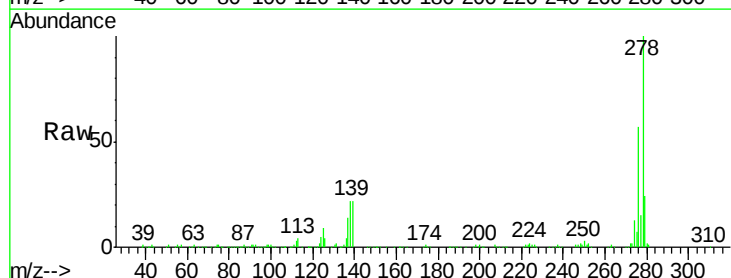
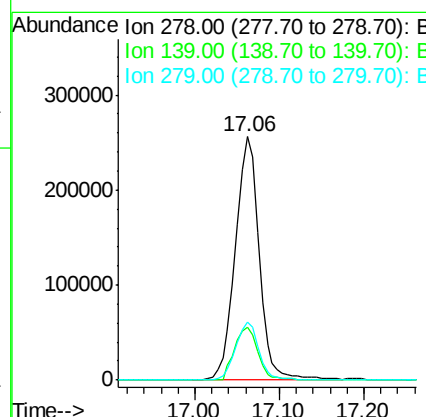
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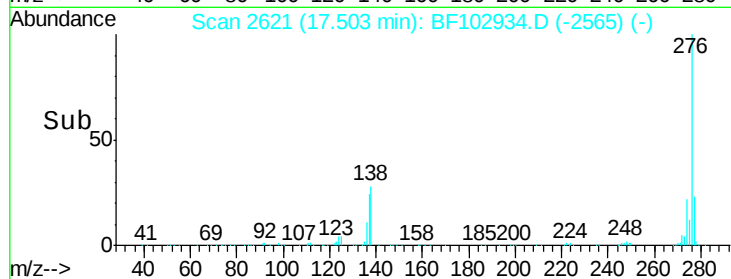
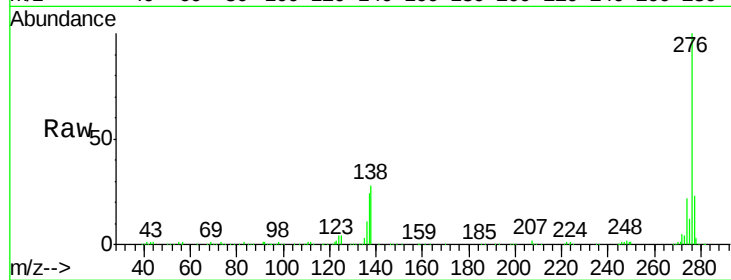
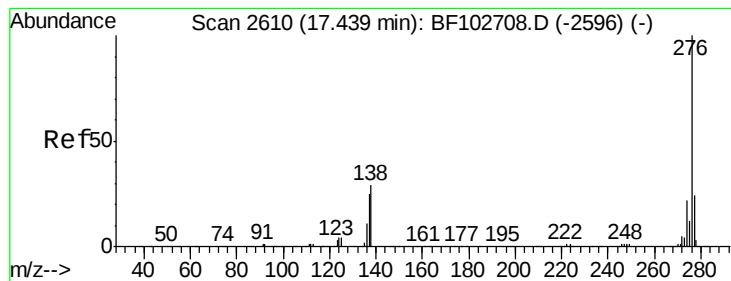
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#90
Dibenzo(a,h)anthracene
Concen: 37.090 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.02 min
Lab File: BF102934.D
Acq: 12 Feb 2018 22:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	15.9	23.9
279	23.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 35.969 ng

RT: 17.50 min Scan# 2621

Delta R.T. 0.03 min

Lab File: BF102934.D

Acq: 12 Feb 2018 22:19

Tot Ion:	276	Resp:	472773
Ion Ratio	Lower	Upper	
276	100		
277	23.1	17.9	26.9
138	27.8	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

PB106452BS

Manual Integrations
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