

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102892.D
 Acq On : 9 Feb 2018 16:48
 Operator : SJ/JU
 Sample : PB106115BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Manual Integrations
 APPROVED

Sohil
 2/13/2018 4:36:43 AM

Quant Time: Feb 09 22:18:58 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	174784	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	720923	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	298323	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	430245	20.00	ng	0.00
75) Chrysene-d12	14.06	240	305817	20.00	ng	0.01
86) Perylene-d12	15.54	264	300935	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1290727	112.15	ng	0.02
7) Phenol-d6	6.52	99	1543340	111.37	ng	0.02
23) Nitrobenzene-d5	7.45	82	1026070	98.73	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	251509	104.75	ng	0.01
44) 2-Fluorobiphenyl	9.25	172	1518981	84.49	ng	0.00
78) Terphenyl-d14	13.00	244	1054577	81.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	210499	37.030	ng	89
3) Pyridine	3.50	79	600158	38.213	ng	93
4) n-Nitrosodimethylamine	3.45	42	317153	47.197	ng	# 89
6) Aniline	6.55	93	322935	15.780	ng	94
8) 2-Chlorophenol	6.67	128	474620	40.057	ng	94
9) Benzaldehyde	6.43	77	239965	23.318	ng	96
10) Phenol	6.53	94	607484	40.905	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	488953	39.567	ng	90
12) 1,3-Dichlorobenzene	6.83	146	502174	36.599	ng	96
13) 1,4-Dichlorobenzene	6.90	146	507927	37.162	ng	99
14) 1,2-Dichlorobenzene	7.06	146	465532	36.568	ng	99
15) Benzyl Alcohol	7.03	79	443527	41.630	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	867142	36.939	ng	99
17) 2-Methylphenol	7.14	107	414743	37.948	ng	98
18) Hexachloroethane	7.40	117	178182	38.017	ng	94
19) n-Nitroso-di-n-propylamine	7.30	70	342928	37.533	ng	93
20) 3+4-Methylphenols	7.29	107	479852	35.603	ng	# 81
22) Acetophenone	7.30	105	647713	36.715	ng	# 93
24) Nitrobenzene	7.47	77	546938	44.741	ng	95
25) Isophorone	7.70	82	1005780	42.030	ng	96
26) 2-Nitrophenol	7.79	139	252332	49.839	ng	96
27) 2,4-Dimethylphenol	7.82	122	451225	44.632	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	617487	43.559	ng	99
29) 2,4-Dichlorophenol	8.03	162	383481	41.725	ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	383480	36.883	ng	98
31) Naphthalene	8.19	128	1329248	37.738	ng	99
32) Benzoic acid	7.93	122	201787	33.177	ng	98
33) 4-Chloroaniline	8.24	127	131861	8.690	ng	96
34) Hexachlorobutadiene	8.30	225	194801	36.564	ng	98
35) Caprolactam	8.62	113	135000m	42.296	ng	
36) 4-Chloro-3-methylphenol	8.72	107	426569	41.309	ng	99
37) 2-Methylnaphthalene	8.89	142	861873	37.374	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	327747	40.349	ng	98
40) Hexachlorocyclopentadiene	9.03	237	86147	22.310	ng	97

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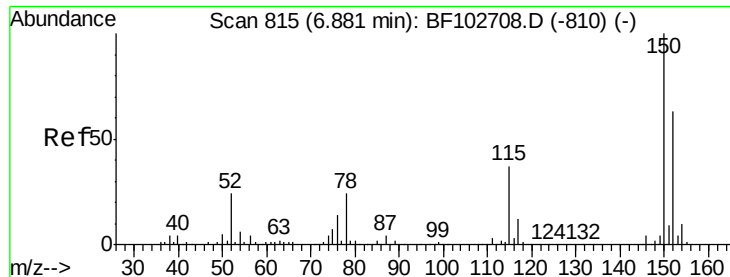
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	234333	43.921	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	238040	39.585	ng	97
45) 1,1'-Biphenyl	9.35	154	978936	38.960	ng	99
46) 2-Chloronaphthalene	9.37	162	771369	38.994	ng	98
47) 2-Nitroaniline	9.47	65	304774	49.789	ng	87
48) Acenaphthylene	9.79	152	1138413	37.053	ng	99
49) Dimethylphthalate	9.65	163	930638	40.009	ng	100
50) 2,6-Dinitrotoluene	9.71	165	194226	43.889	ng	# 86
51) Acenaphthene	9.96	154	672947	36.625	ng	99
52) 3-Nitroaniline	9.87	138	120927	22.208	ng	96
53) 2,4-Dinitrophenol	9.99	184	27035	33.198	ng	# 21
54) Dibenzofuran	10.13	168	991623	38.295	ng	96
55) 4-Nitrophenol	10.04	139	297598	67.184	ng	89
56) 2,4-Dinitrotoluene	10.12	165	241506	41.159	ng	95
57) Fluorene	10.47	166	712127	37.799	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	161705	38.799	ng	95
59) Diethylphthalate	10.35	149	898251	39.109	ng	99
60) 4-Chlorophenyl-phenylether	10.47	204	335563	40.263	ng	95
61) 4-Nitroaniline	10.49	138	175870	33.932	ng	99
62) Azobenzene	10.63	77	915422	39.896	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	24833	21.127	ng	92
65) n-Nitrosodiphenylamine	10.59	169	657918	43.352	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	194291	42.690	ng	96
67) Hexachlorobenzene	11.03	284	192002	38.241	ng	93
68) Atrazine	11.11	200	196829	43.964	ng	97
69) Pentachlorophenol	11.22	266	179451	60.886	ng	99
70) Phenanthrene	11.44	178	905709	37.798	ng	99
71) Anthracene	11.49	178	926151	38.002	ng	100
72) Carbazole	11.65	167	871404	36.496	ng	98
73) Di-n-butylphthalate	11.97	149	1251663	43.156	ng	99
74) Fluoranthene	12.63	202	848479	35.194	ng	99
76) Benzidine	12.75	184	508668	36.190	ng	97
77) Pyrene	12.86	202	867618	36.180	ng	99
79) Butylbenzylphthalate	13.47	149	475640	41.604	ng	95
80) Benzo(a)anthracene	14.05	228	779824	40.546	ng	100
81) 3,3'-Dichlorobenzidine	14.01	252	290947	40.799	ng	98
82) Chrysene	14.09	228	738834	38.108	ng	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	680707	46.337	ng	99
84) Di-n-octyl phthalate	14.64	149	1185911	53.763	ng	96
85) Indeno(1,2,3-cd)pyrene	17.05	276	625304	38.887	ng	97
87) Benzo(b)fluoranthene	15.11	252	782338	40.098	ng	98
88) Benzo(k)fluoranthene	15.14	252	741564	39.779	ng	99
89) Benzo(a)pyrene	15.49	252	711124	40.492	ng	98
90) Dibenzo(a,h)anthracene	17.07	278	539152	37.823	ng	99
91) Benzo(g,h,i)perylene	17.51	276	503442	36.083	ng	97

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



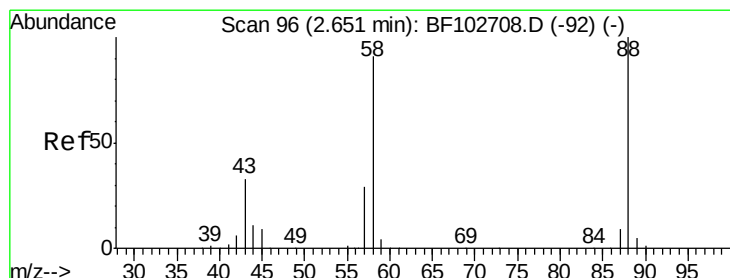
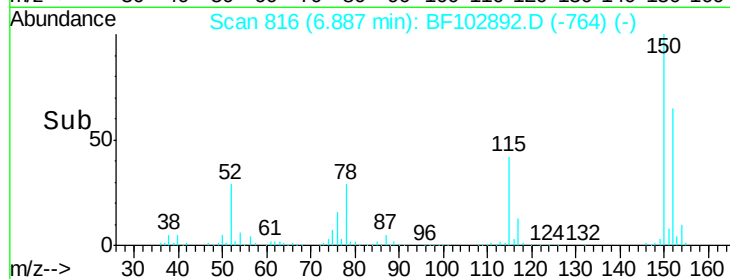
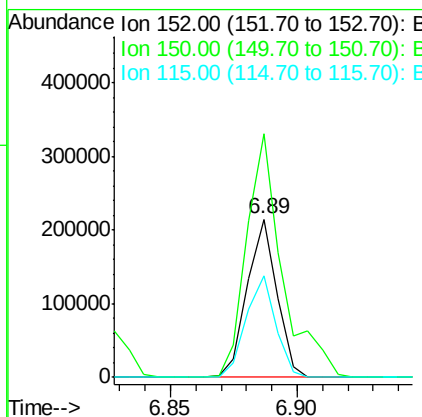
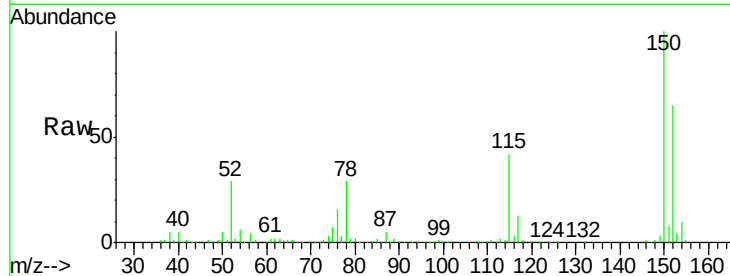
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	64.2	50.1	75.1

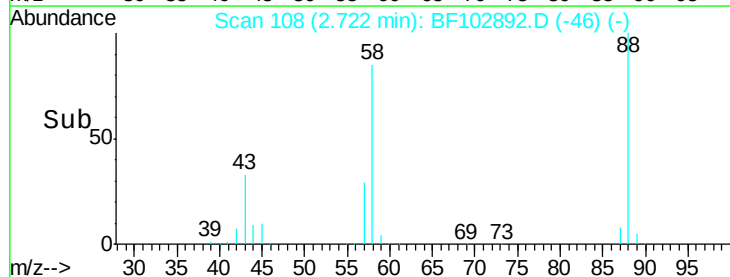
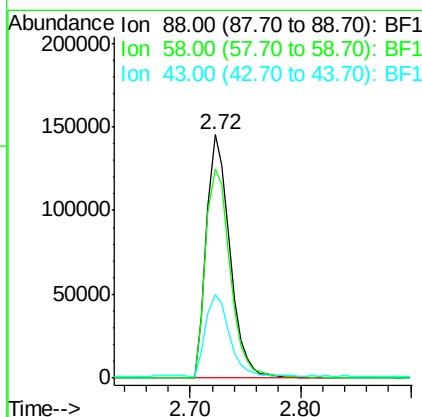
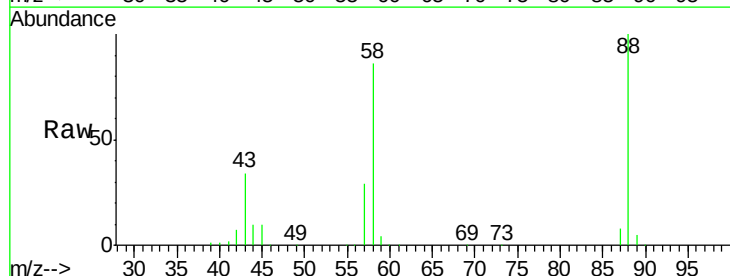
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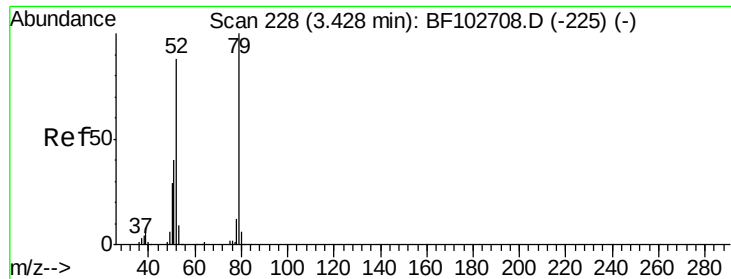
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#2
 1,4-Dioxane
 Concen: 37.030 ng
 RT: 2.72 min Scan# 108
 Delta R.T. 0.06 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.3	62.6	93.8
43	33.2	24.6	37.0





#3

Pvridine

Concen: 38.213 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.06 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

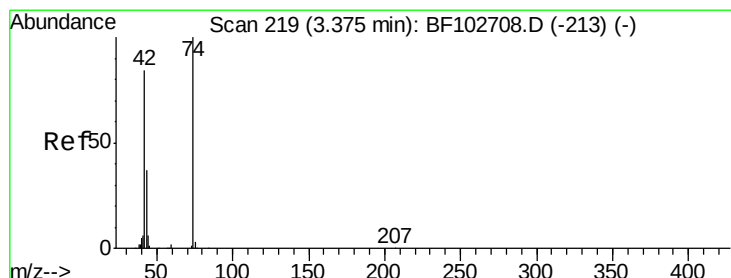
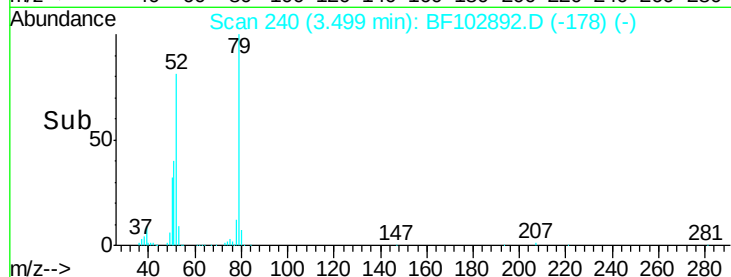
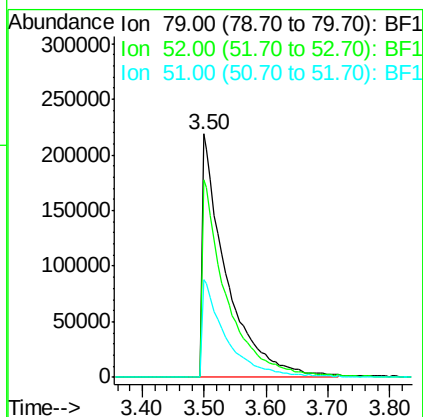
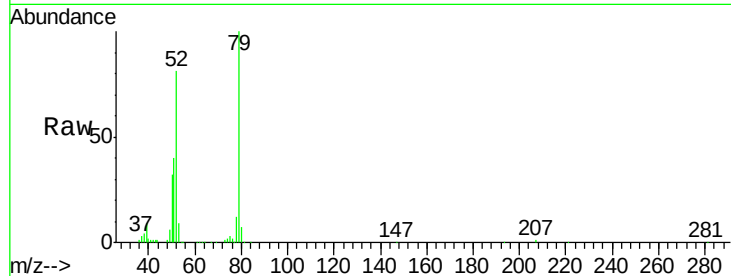
ClientSampleId :

PB106115BS

Tot Ion:	79	Resp:	600158
Ion Ratio	Lower	Upper	
79	100		
52	81.3	59.8	89.6
51	40.1	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 47.197 ng

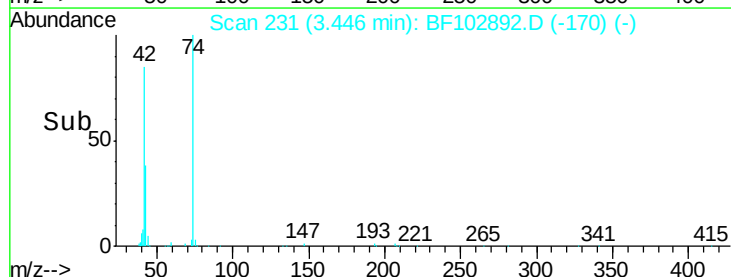
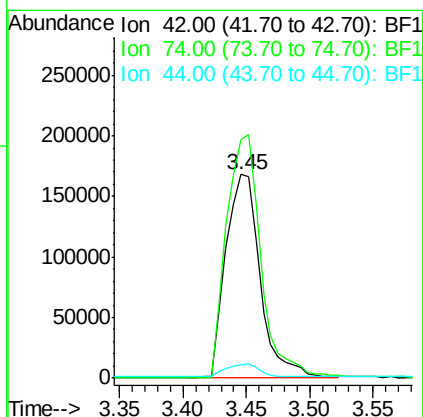
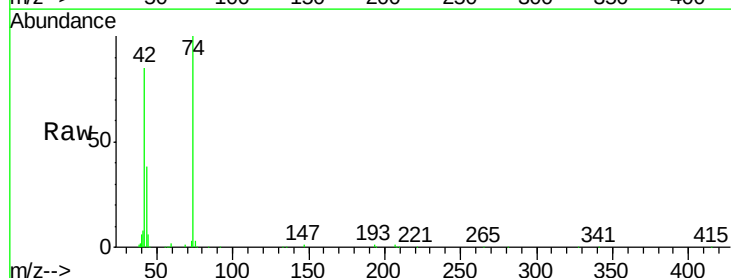
RT: 3.45 min Scan# 231

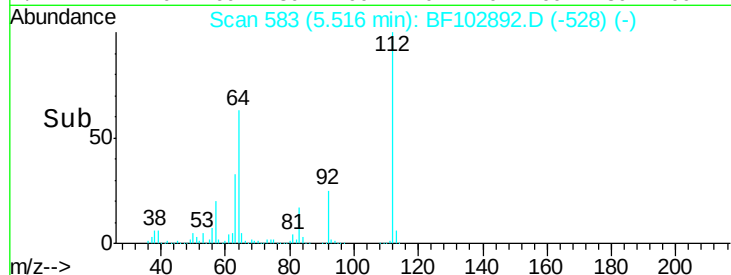
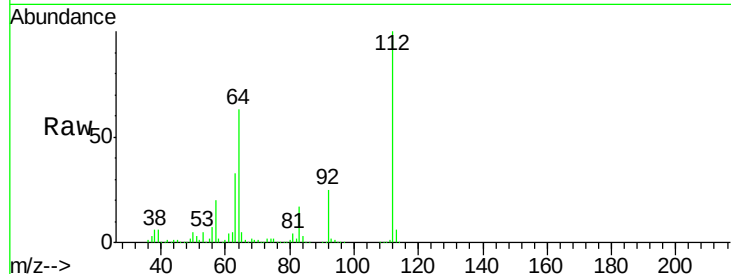
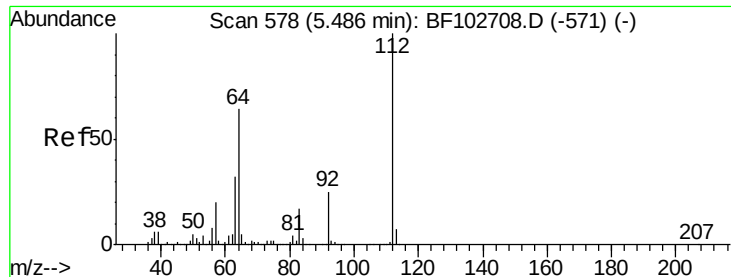
Delta R.T. 0.06 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tgt Ion:	42	Resp:	317153
Ion Ratio	Lower	Upper	
42	100		
74	117.3	104.9	157.3
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 112.149 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tot Ion	112	Resp	1290727
Ion	Ratio	Lower	Upper
112	100		
64	63.4	47.9	71.9
63	33.1	23.7	35.5

Instrument :

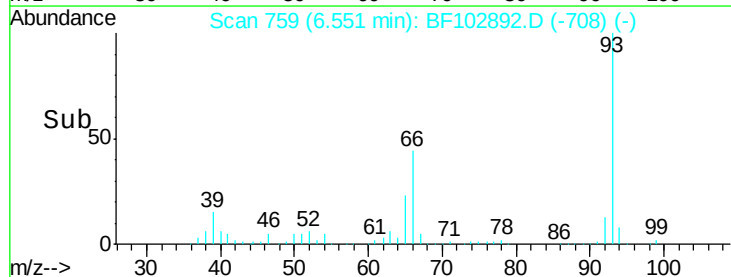
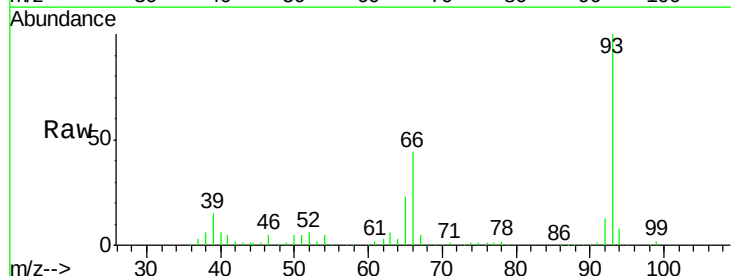
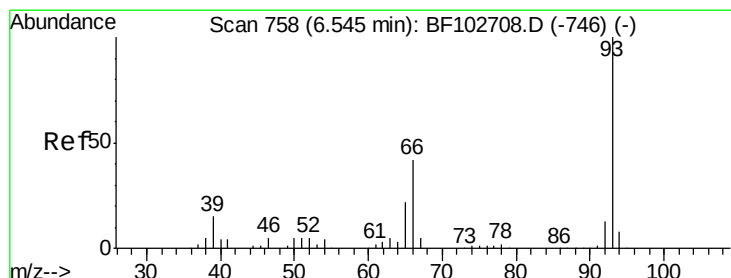
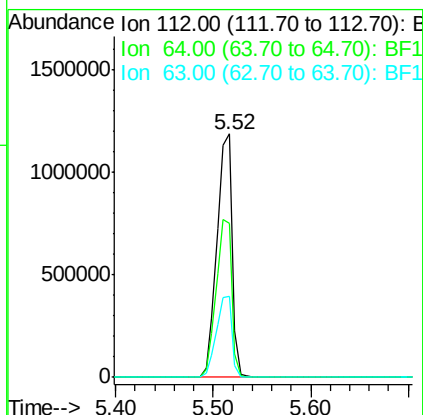
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ClientSampleId :

PB106115BS

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#6

Aniline

Concen: 15.780 ng

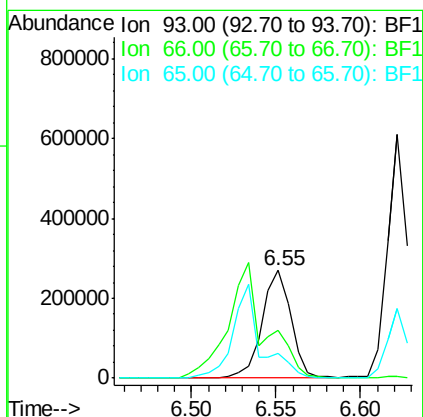
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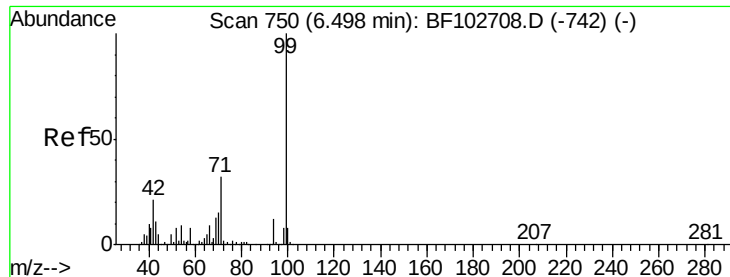
Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tgt Ion	93	Resp	322935
Ion	Ratio	Lower	Upper
93	100		
66	44.4	32.2	48.2
65	22.7	16.4	24.6





#7

Phenol-d6

Concen: 111.371 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB106115BS

Tot Ion: 99 Resp: 1543340

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

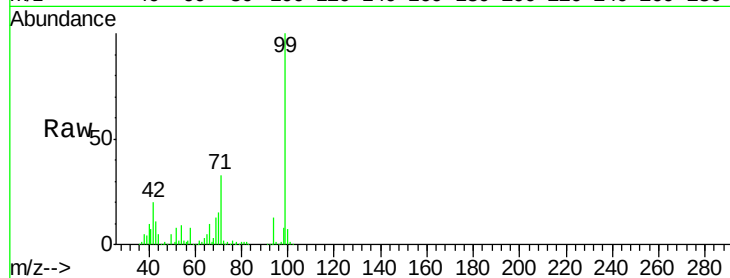
71 33.0 25.4 38.0

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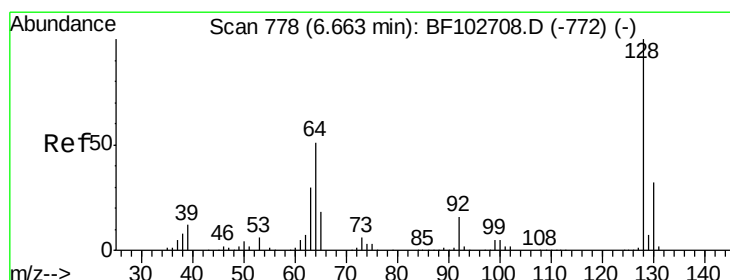
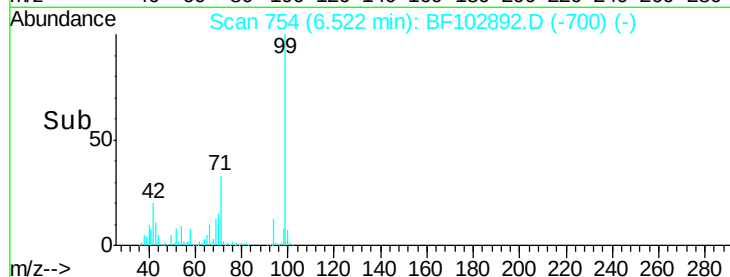
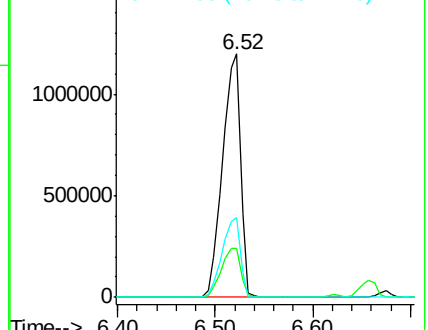
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.057 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

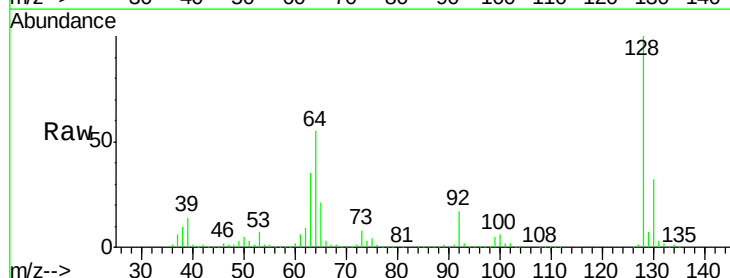
Tgt Ion: 128 Resp: 474620

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

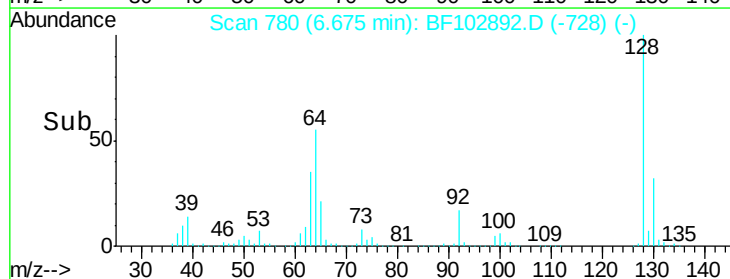
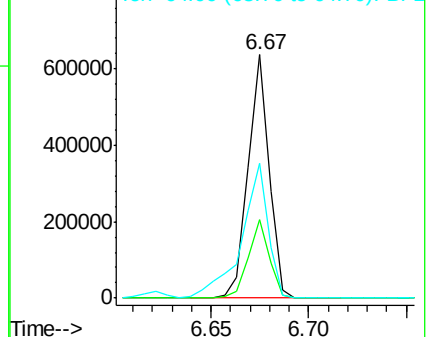
64 55.2 29.4 69.4

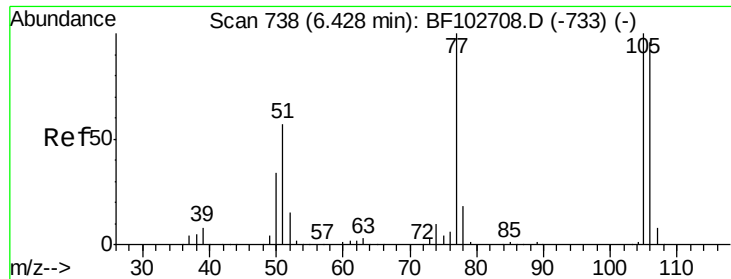


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.318 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

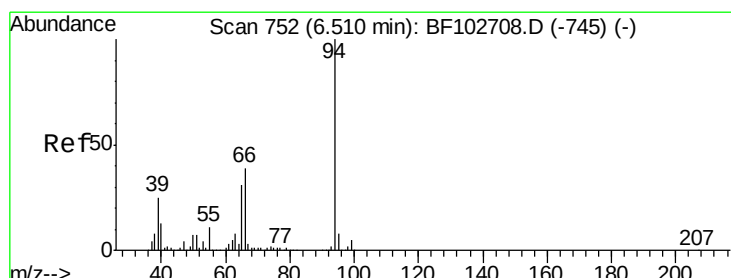
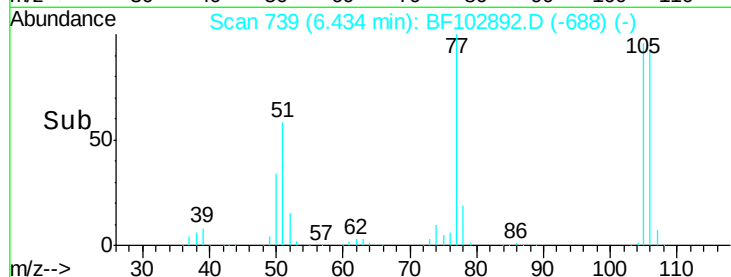
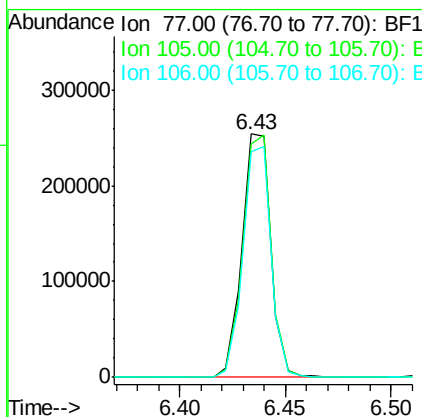
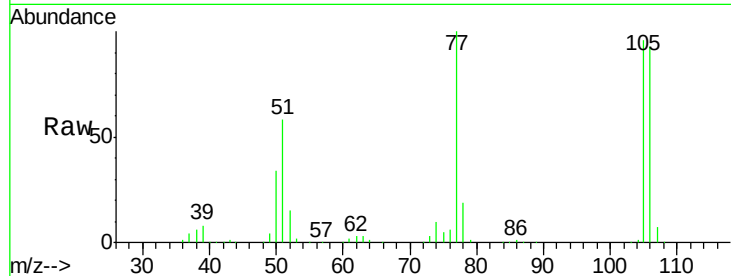
ClientSampleId :

PB106115BS

Tot Ion:	77	Resp:	239965
Ion Ratio	Lower	Upper	
77	100		
105	96.1	81.1	121.1
106	92.5	74.5	114.5

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#10

Phenol

Concen: 40.905 ng

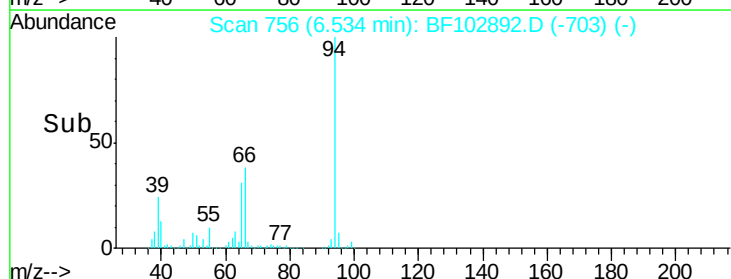
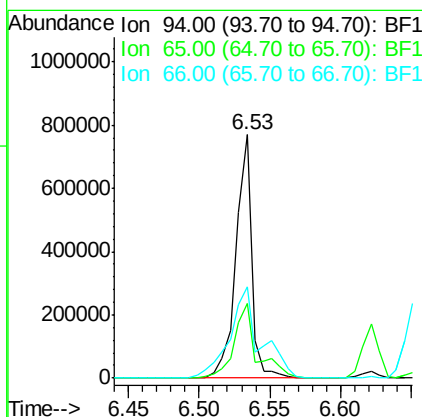
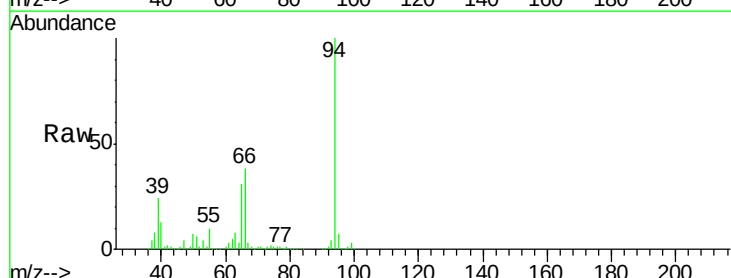
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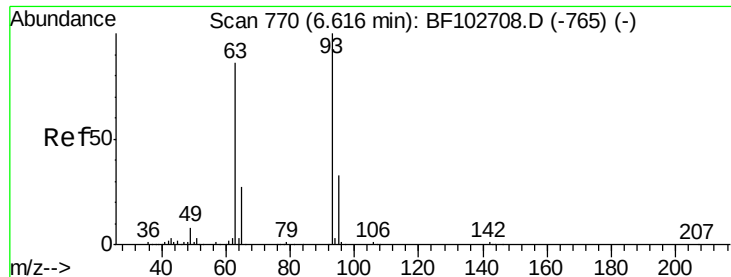
Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tgt Ion:	94	Resp:	607484
Ion Ratio	Lower	Upper	
94	100		
65	30.7	7.9	47.9
66	37.6	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.567 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

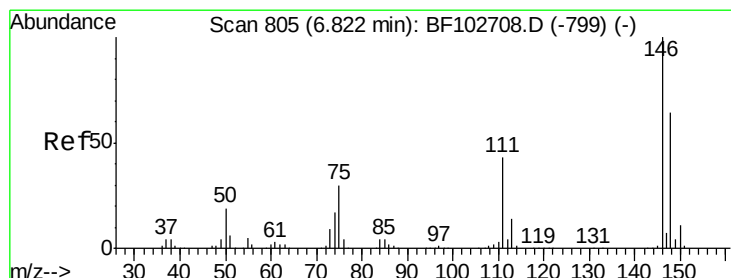
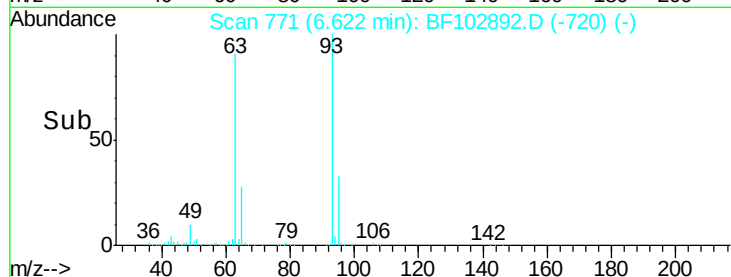
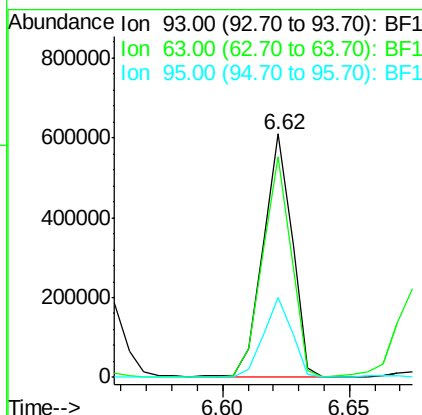
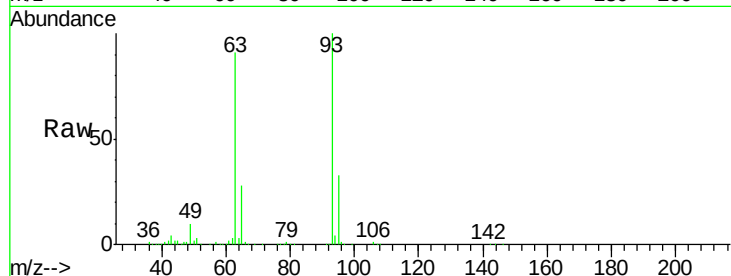
ClientSampleId :

PB106115BS

Tot Ion:	93	Resp:	488953
Ion	Ratio	Lower	Upper
93	100		
63	90.6	58.6	98.6
95	32.8	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 36.599 ng

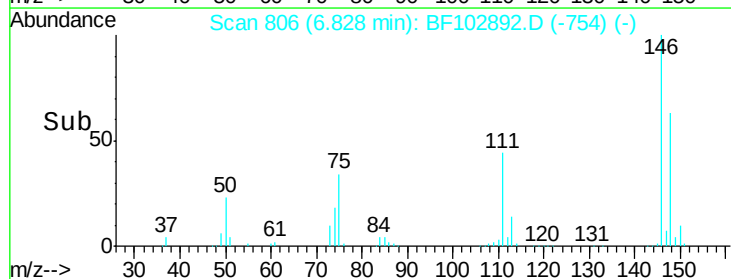
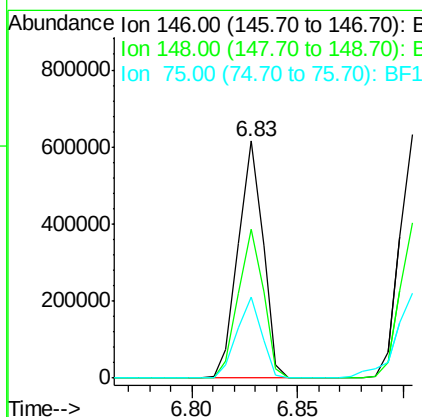
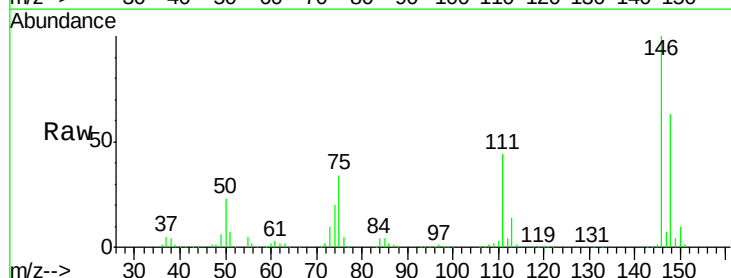
RT: 6.83 min Scan# 806

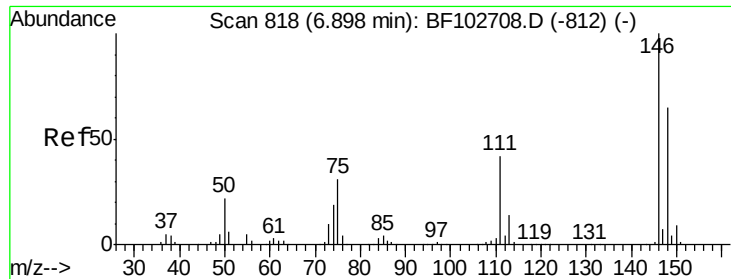
Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tgt Ion:	146	Resp:	502174
Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.8
75	34.1	24.2	36.4





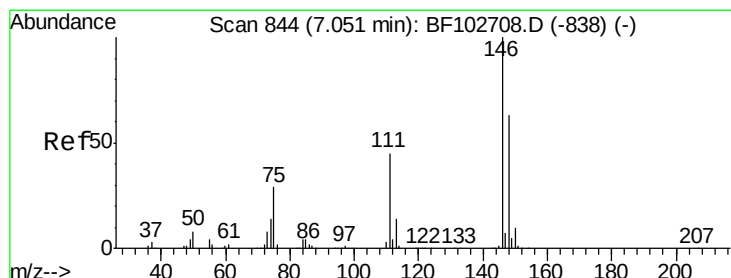
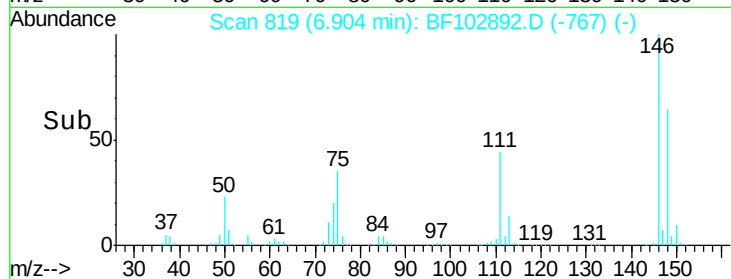
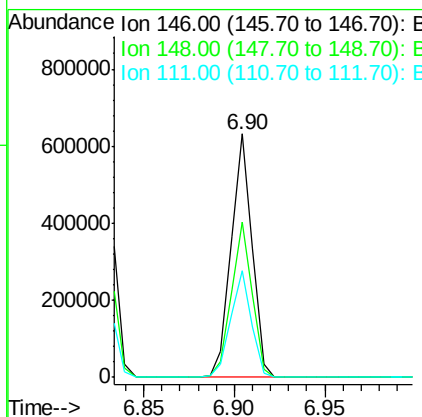
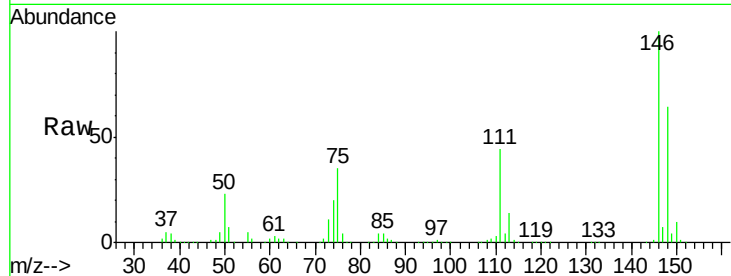
#13
 1,4-Dichlorobenzene
 Concen: 37.162 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	43.6	34.2	51.2

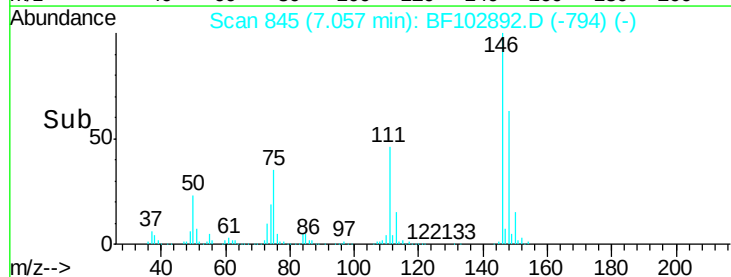
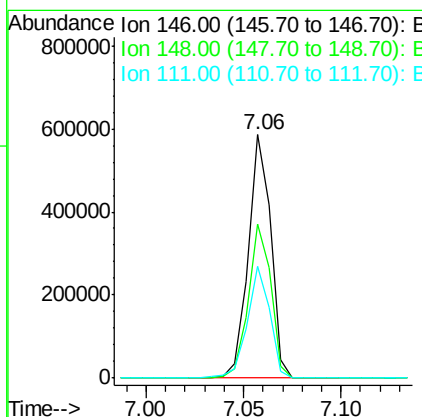
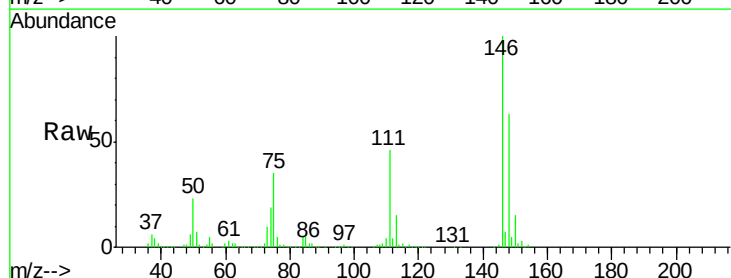
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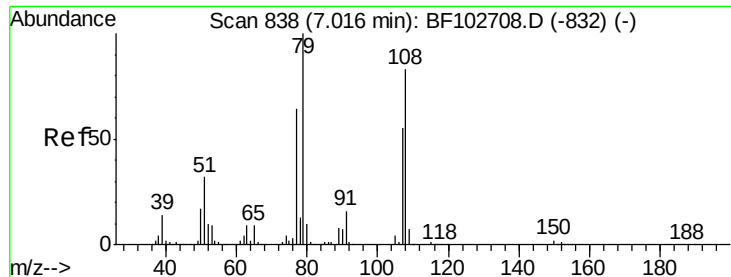
Sohil
 2/13/2018 4:36:43 AM



#14
 1,2-Dichlorobenzene
 Concen: 36.568 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.00 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	45.9	36.0	54.0





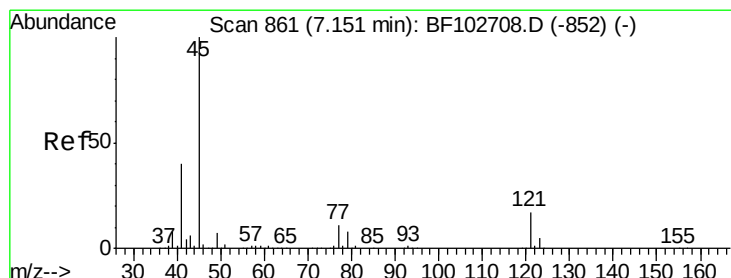
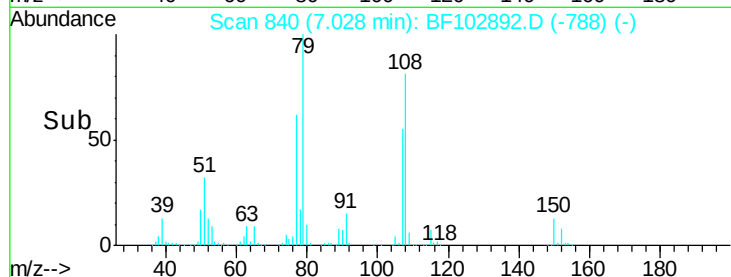
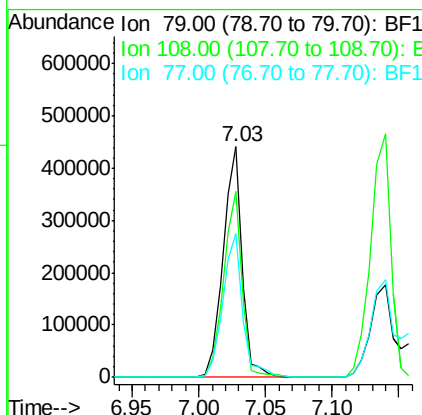
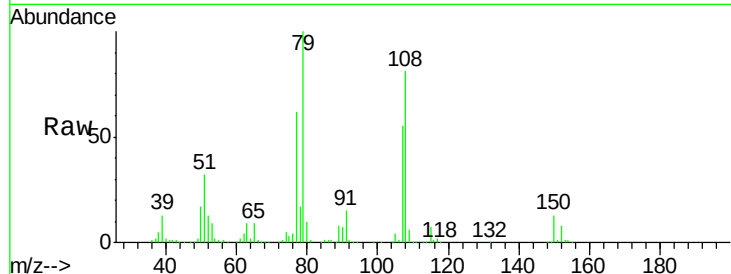
#15
Benzyl Alcohol
Concen: 41.630 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampled :
PB106115BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.0	65.1	97.7
77	62.5	50.6	75.8

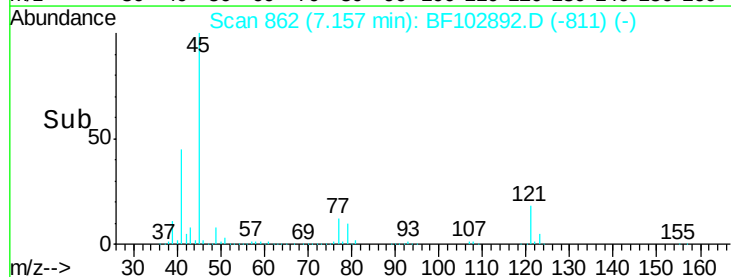
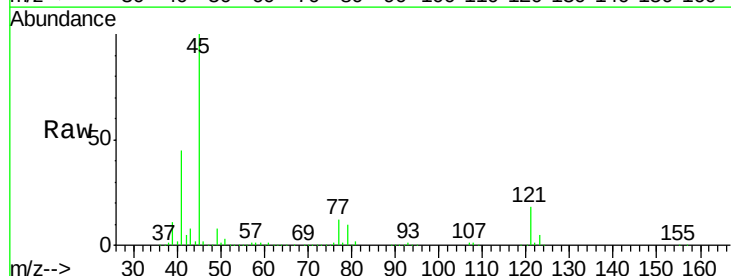
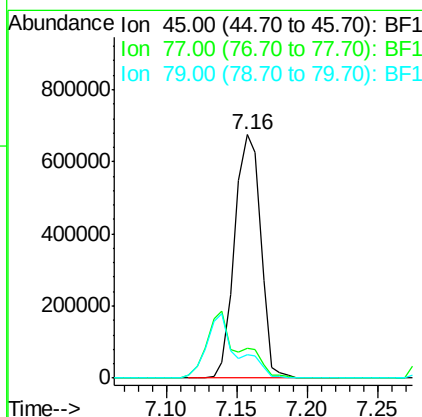
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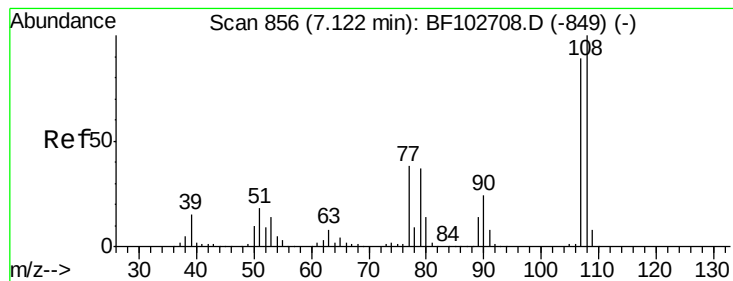
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.939 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	32.9
79	9.5	0.0	29.6





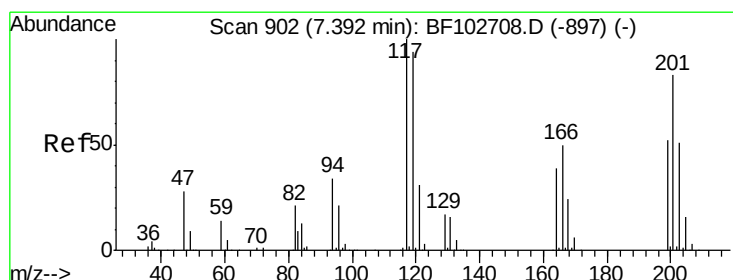
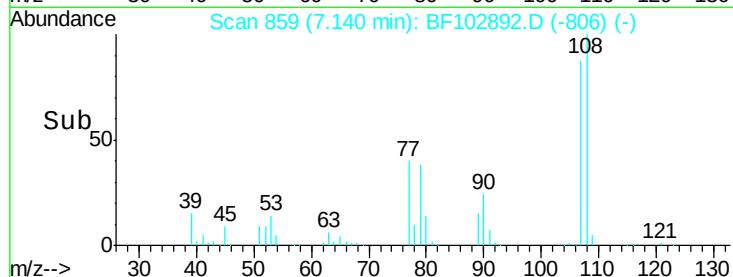
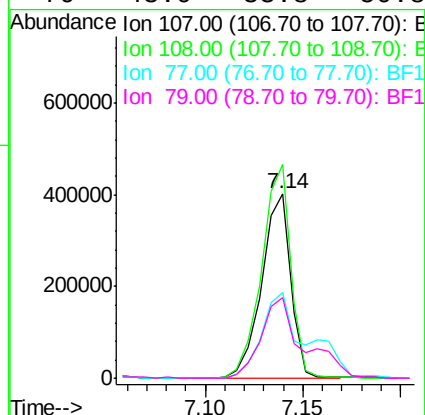
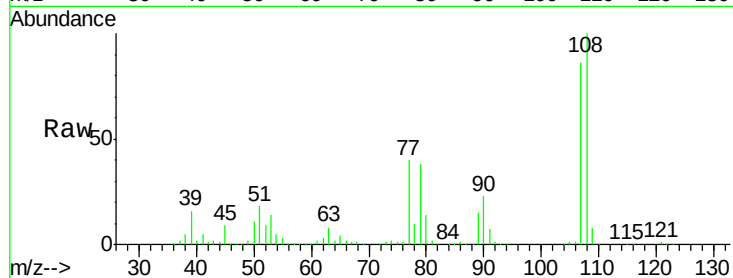
#17
2-Methylphenol
Concen: 37.948 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.7	91.7	137.5
77	46.3	33.8	50.8
79	43.9	33.8	50.8

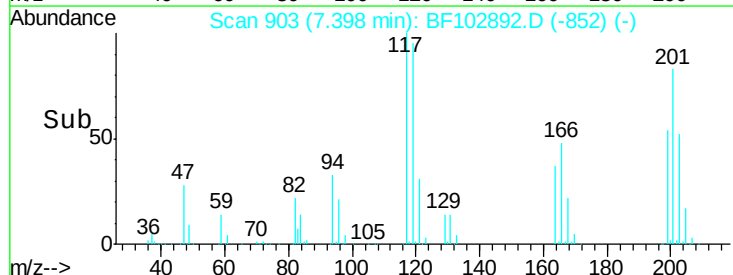
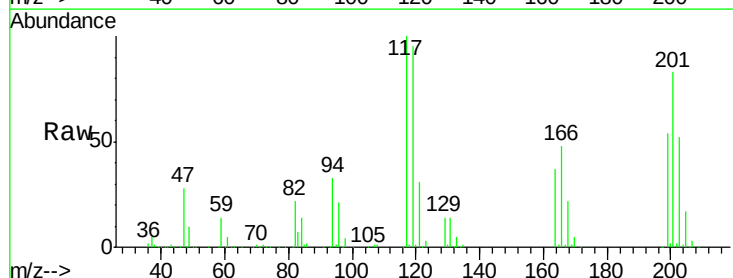
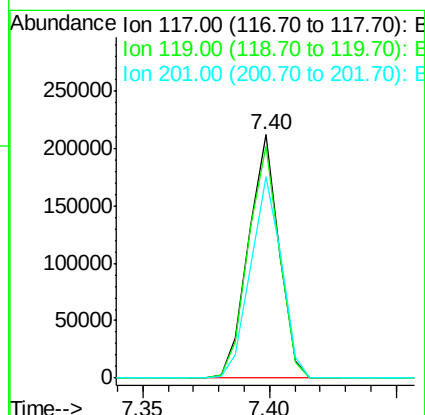
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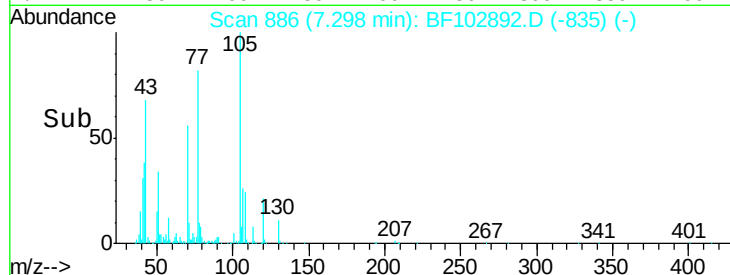
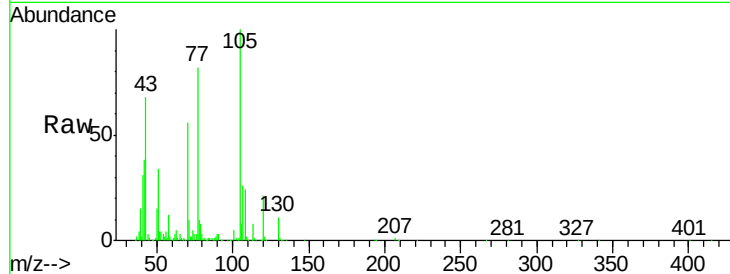
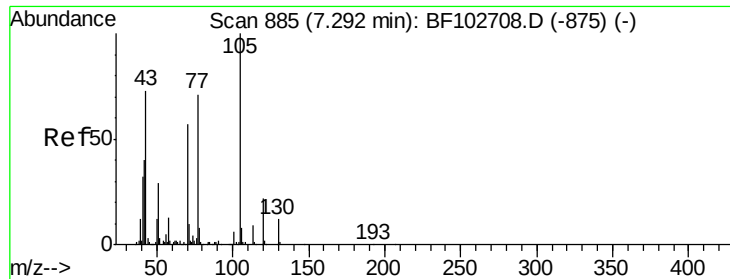
Sohil
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#18
Hexachloroethane
Concen: 38.017 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.8	113.8
201	82.9	75.7	113.5





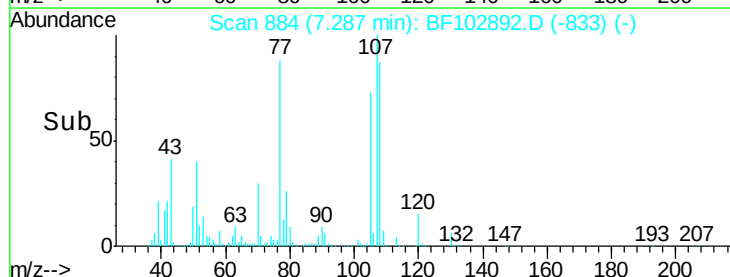
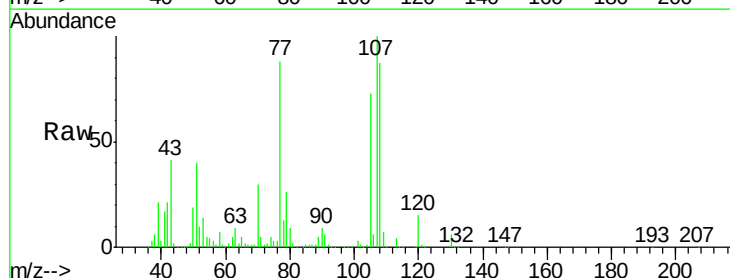
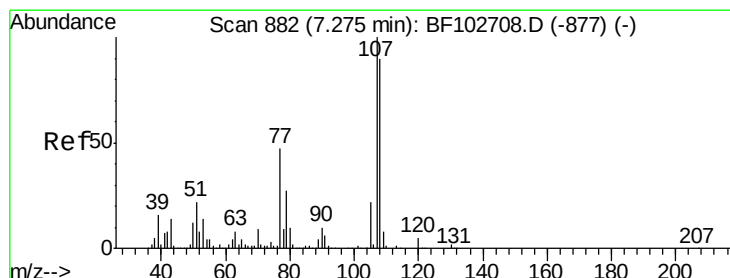
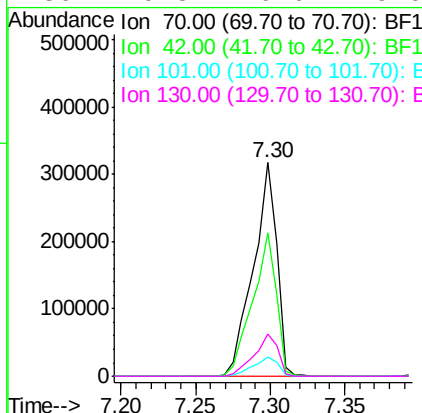
#19
n-Nitroso-di-n-propylamine
Concen: 37.533 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.2	47.5	71.3
101	9.1	7.4	11.2
130	19.8	16.6	25.0

Instrument :
BNA_F
ClientSampleId :
PB106115BS

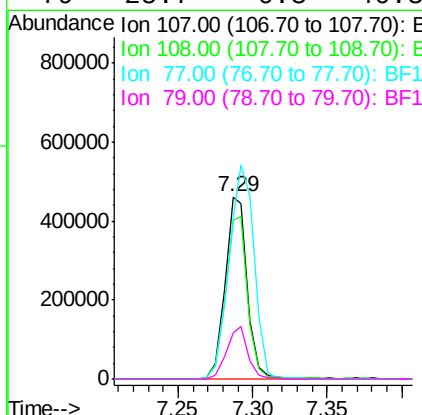
Manual Integrations
APPROVED

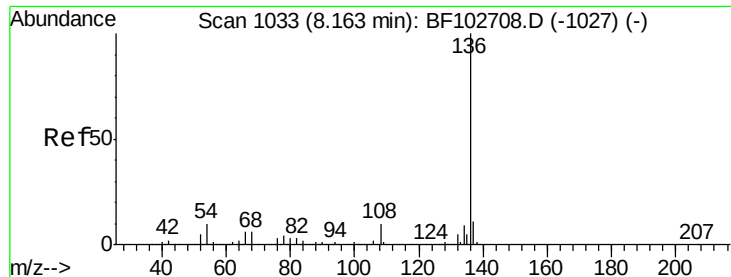
Sohil
2/13/2018 4:36:43 AM



#20
3+4-Methylphenols
Concen: 35.603 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	68.2	108.2
77	88.3	26.7	66.7#
79	25.7	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: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

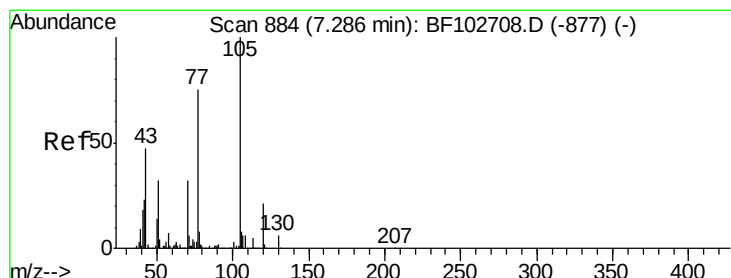
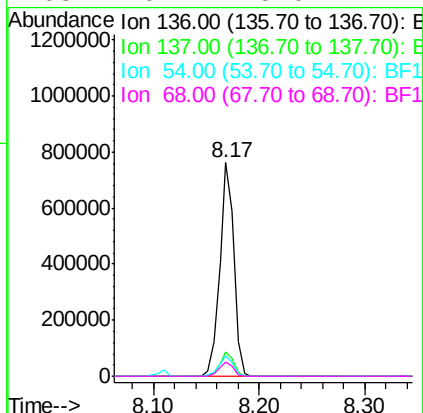
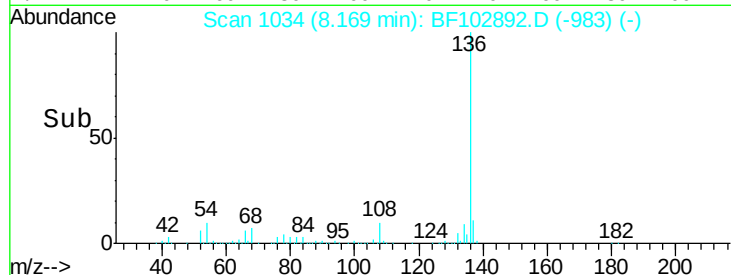
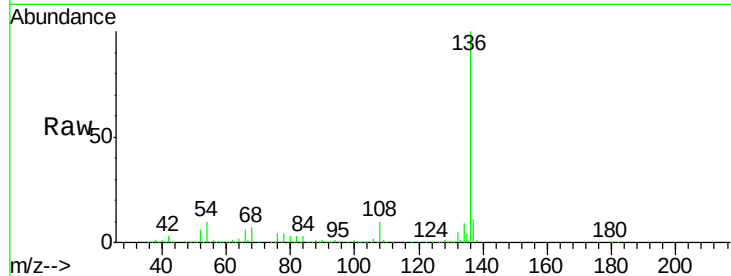
ClientSampleId :

PB106115BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	9.9	6.6	9.8	
68	6.7	5.0	7.4	

Manual Integrations
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#22

Acetophenone

Concen: 36.715 ng

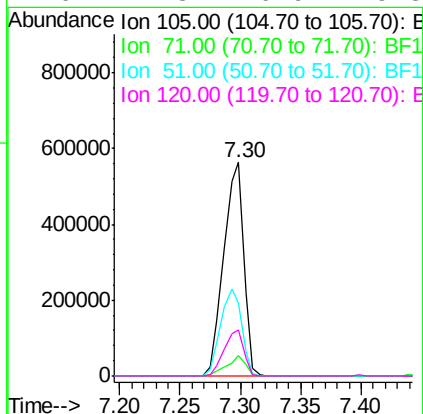
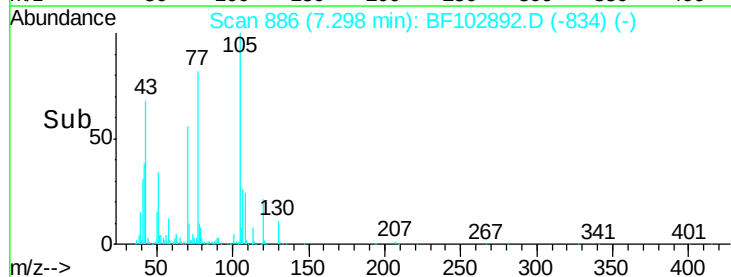
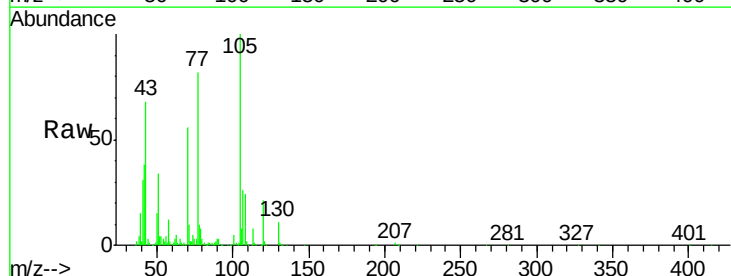
RT: 7.30 min Scan# 886

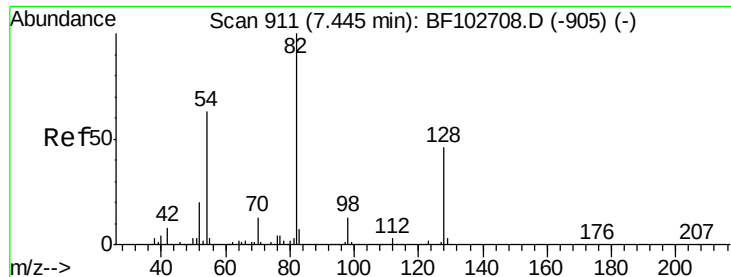
Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.6	4.4	6.6	
51	34.0	22.3	33.5	
120	21.3	16.9	25.3	





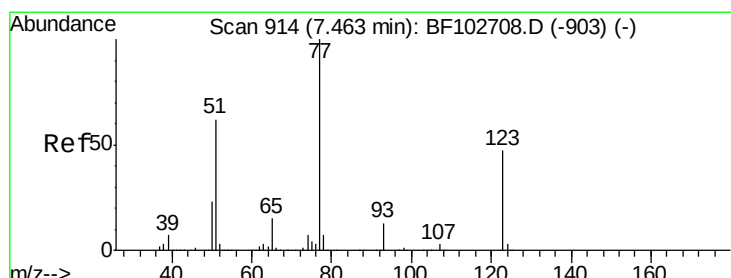
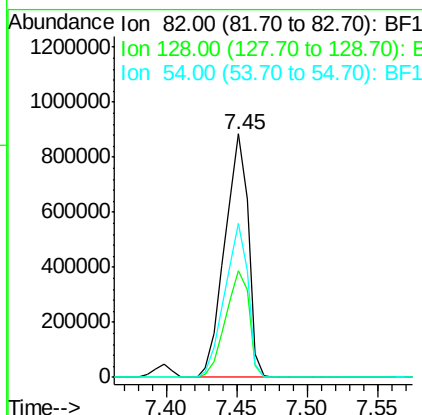
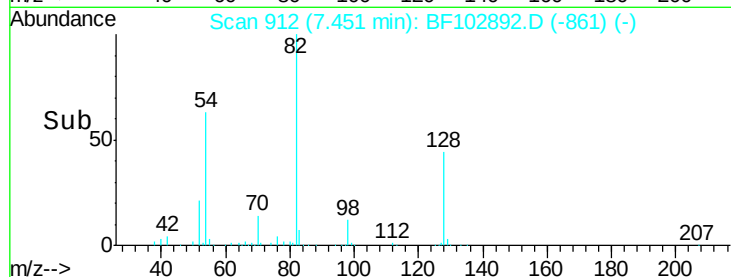
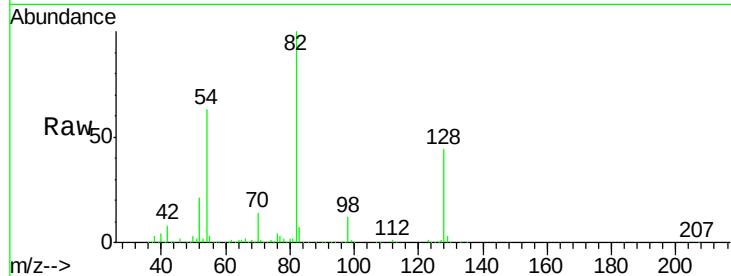
#23
Nitrobenzene-d5
Concen: 98.733 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tot Ion: 82 Resp: 1026070
Ion Ratio Lower Upper
82 100
128 43.8 36.1 54.1
54 63.3 41.4 62.2#

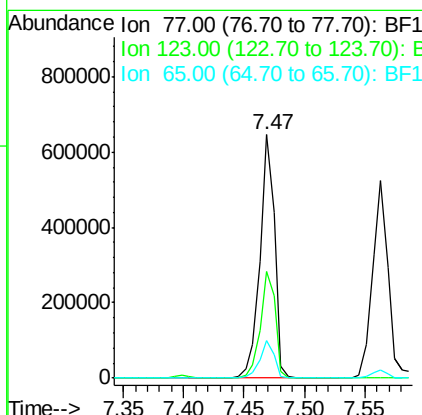
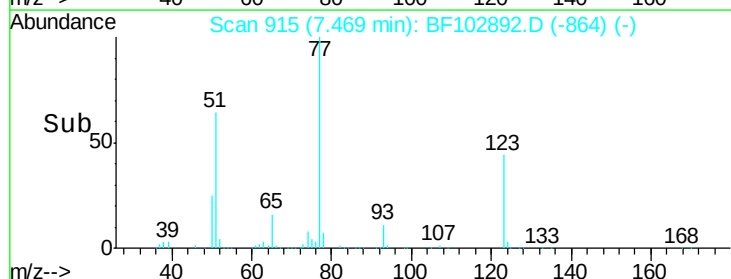
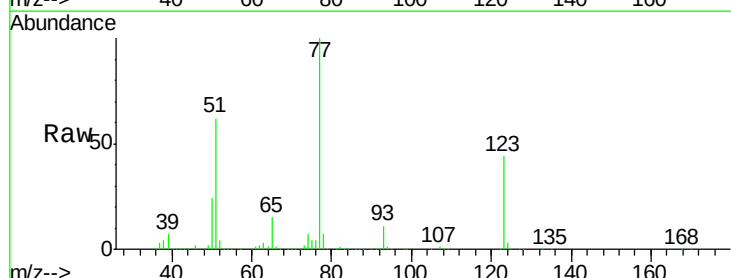
Manual Integrations
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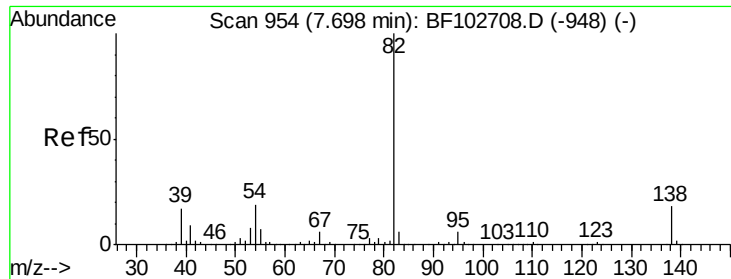
Sohil
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#24
Nitrobenzene
Concen: 44.741 ng
RT: 7.47 min Scan# 915
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion: 77 Resp: 546938
Ion Ratio Lower Upper
77 100
123 44.0 37.9 56.9
65 15.3 11.0 16.4





#25

Isophorone

Concen: 42.030 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB106115BS

Tot Ion: 82 Resp: 1005780

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

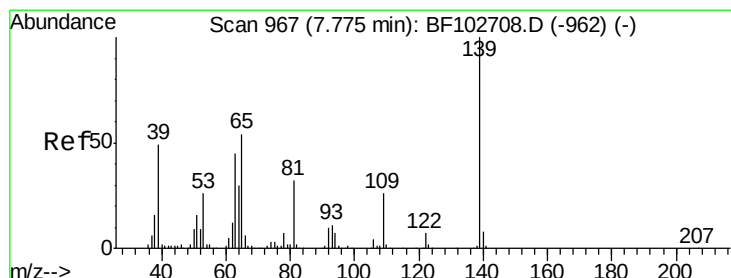
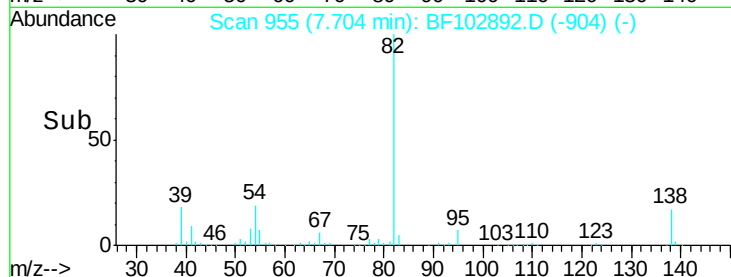
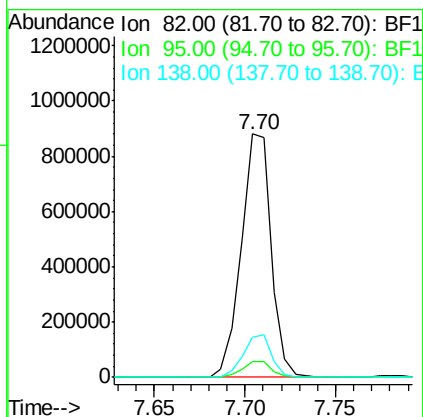
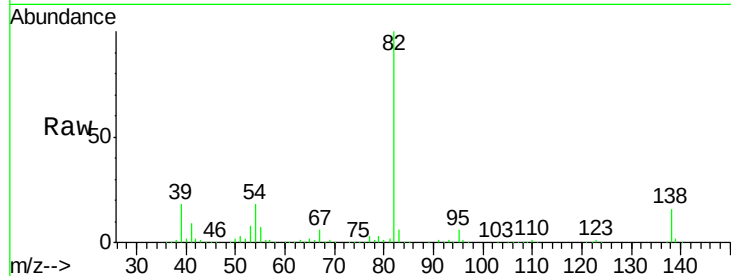
138 16.4 14.9 22.3

Manual Integrations

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Sohil

2/13/2018 4:36:43 AM



#26

2-Nitrophenol

Concen: 49.839 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

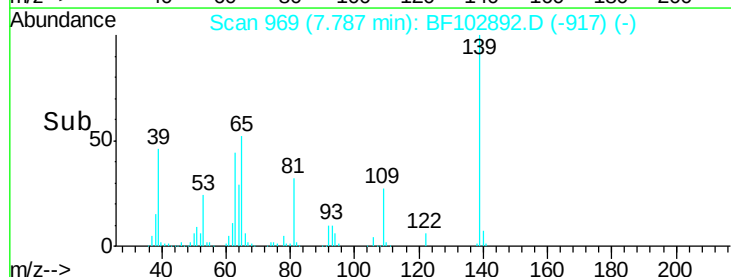
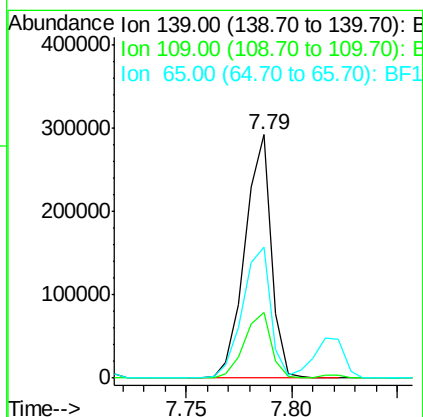
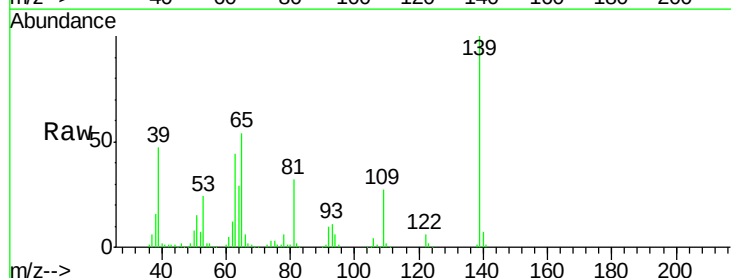
Tgt Ion: 139 Resp: 252332

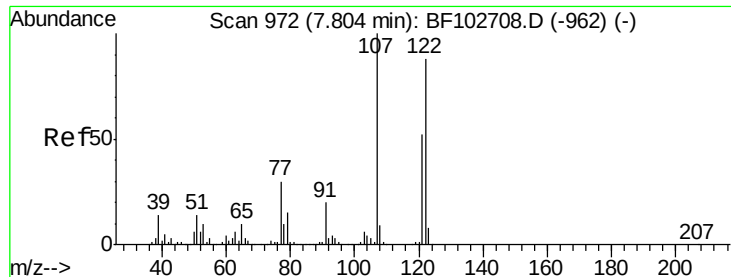
Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

65 53.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 44.632 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

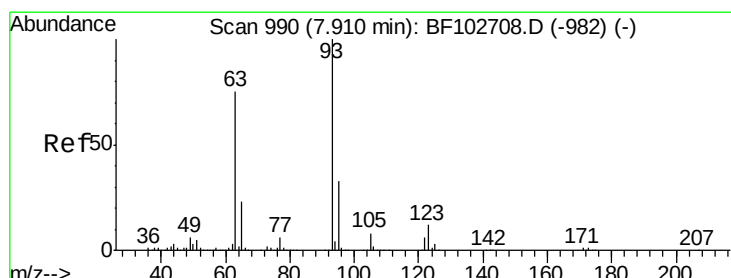
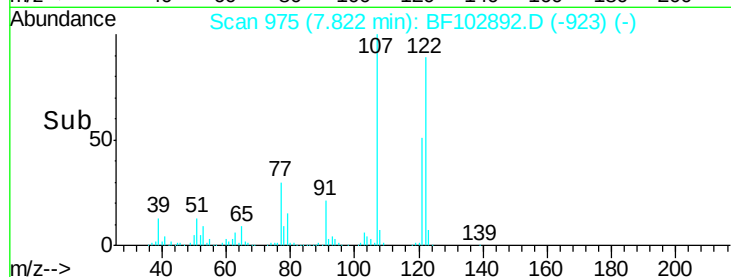
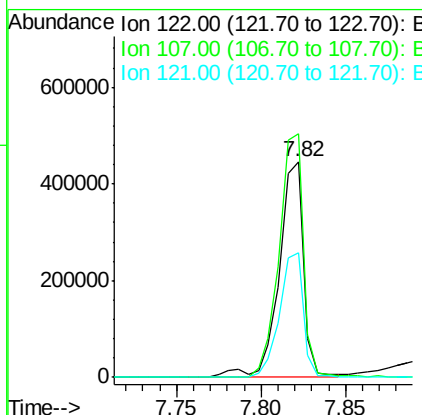
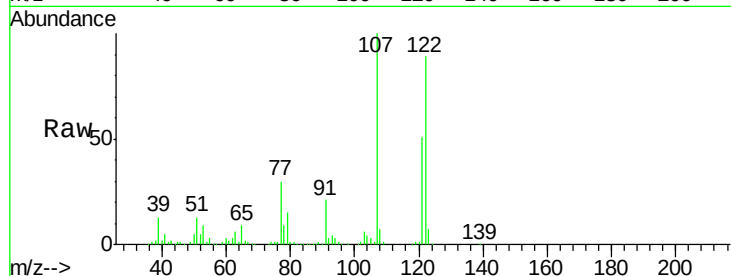
ClientSampled :

PB106115BS

Tot Ion:	122	Resp:	451225
Ion Ratio	Lower	Upper	
122	100		
107	112.9	91.2	136.8
121	58.0	47.2	70.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 43.559 ng

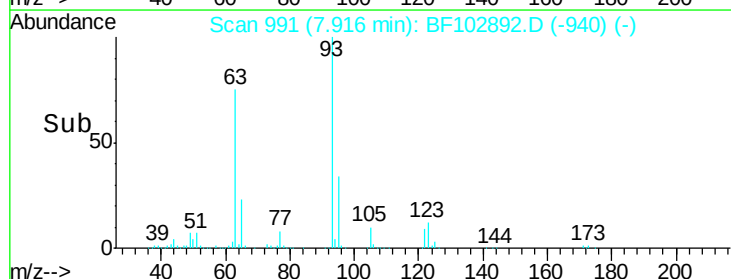
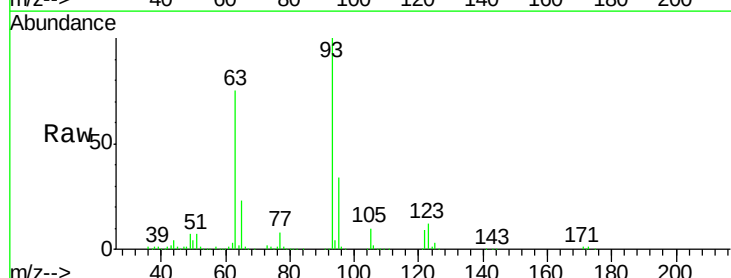
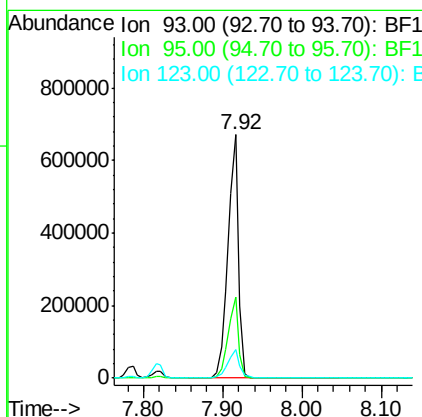
RT: 7.92 min Scan# 991

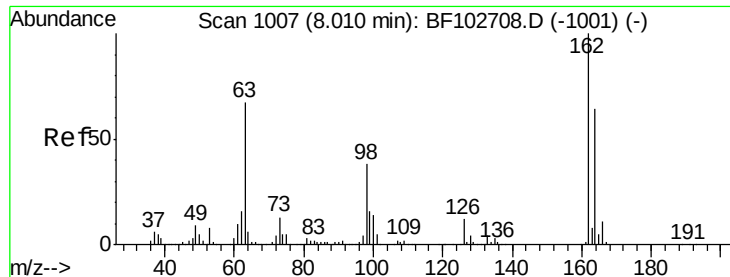
Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tgt Ion:	93	Resp:	617487
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.3	39.5
123	11.6	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 41.725 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

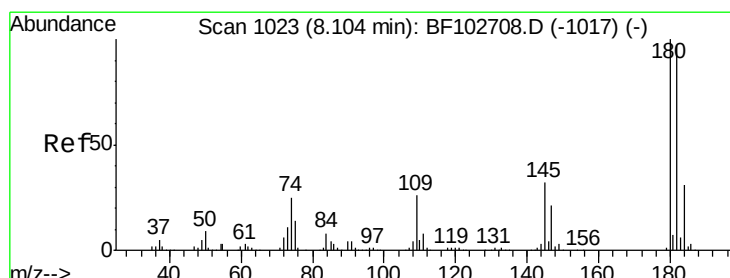
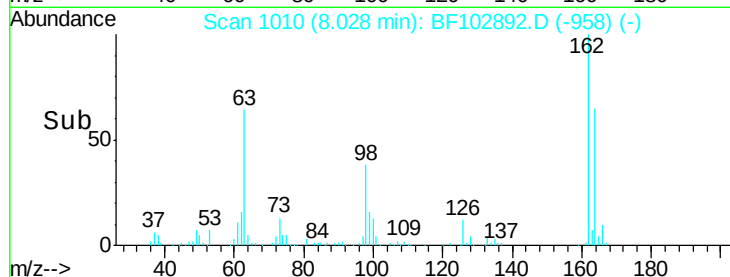
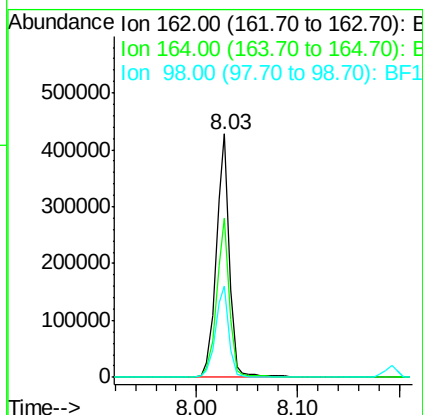
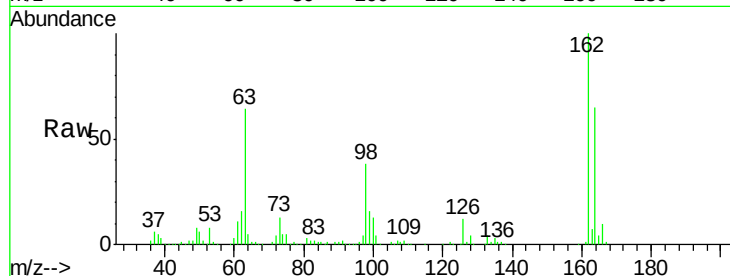
ClientSampleId :

PB106115BS

Tot Ion:	162	Resp:	383481
Ion Ratio	Lower	Upper	
162	100		
164	65.2	42.7	82.7
98	37.5	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 36.883 ng

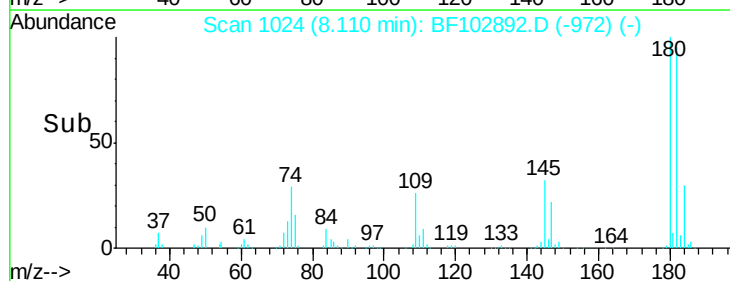
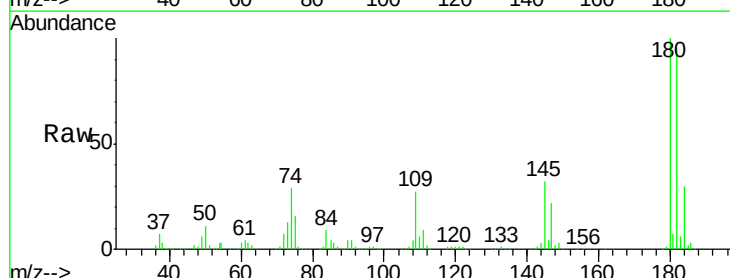
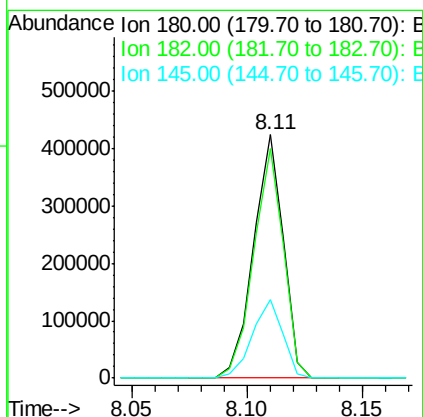
RT: 8.11 min Scan# 1024

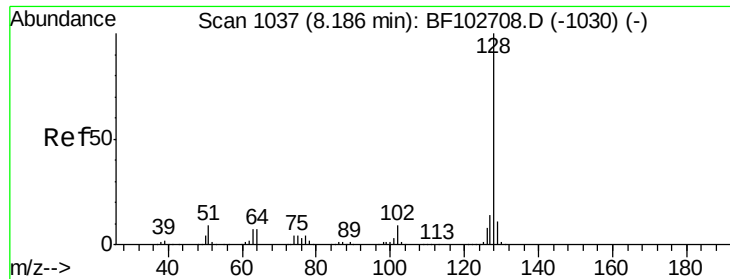
Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tgt Ion:	180	Resp:	383480
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.8	115.2
145	32.2	26.5	39.7





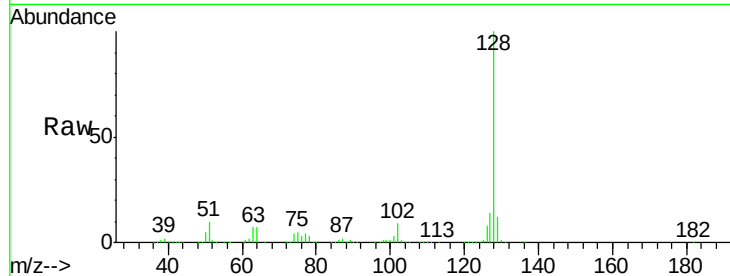
#31
Naphthalene
Concen: 37.738 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB106115BS

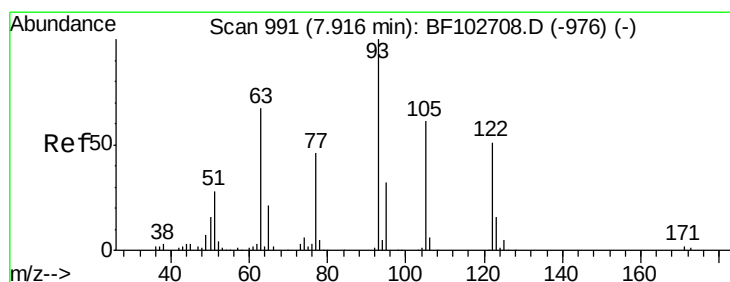
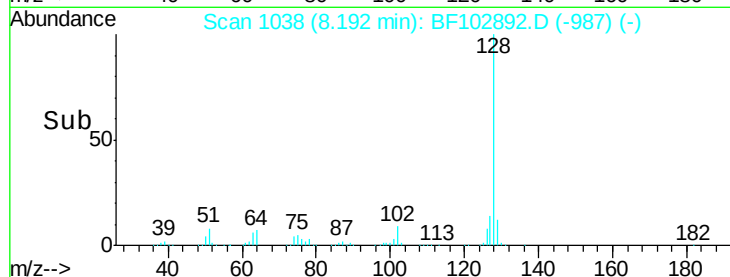
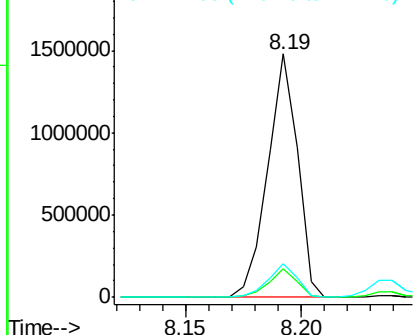
Tot Ion:128 Resp: 1329248
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.7 10.9 16.3

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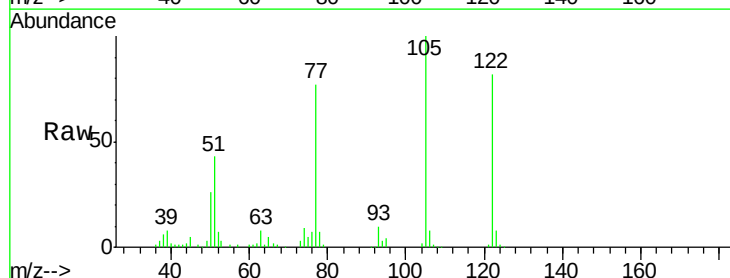


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

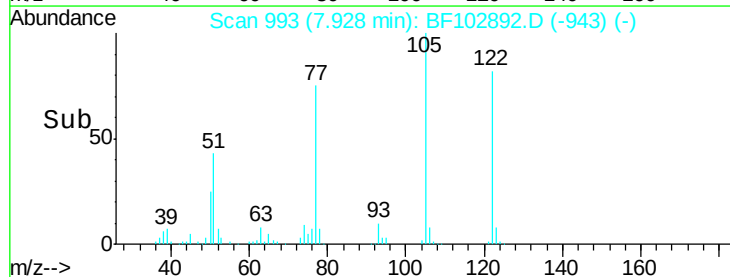
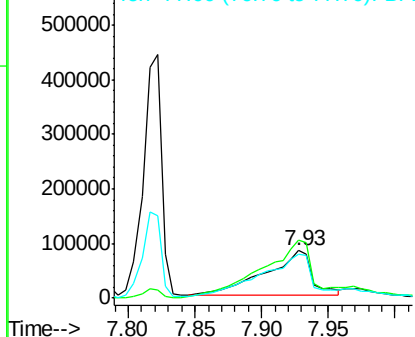


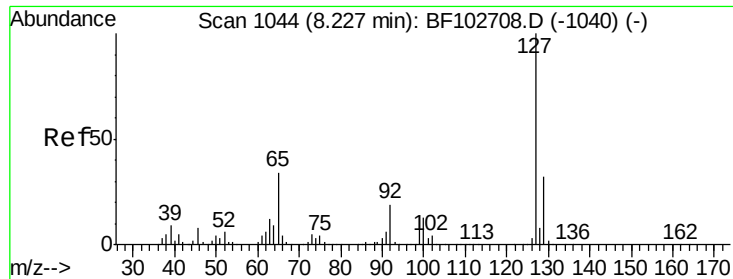
#32
Benzoic acid
Concen: 33.177 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion:122 Resp: 201787
Ion Ratio Lower Upper
122 100
105 122.4 101.1 141.1
77 94.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





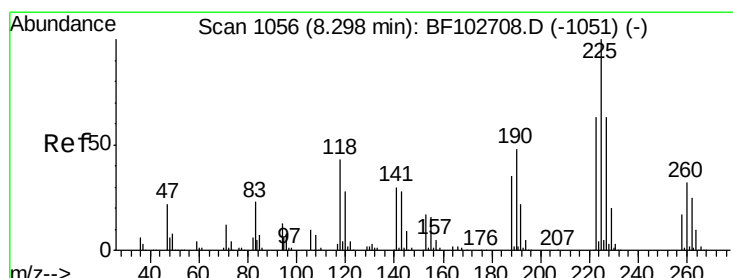
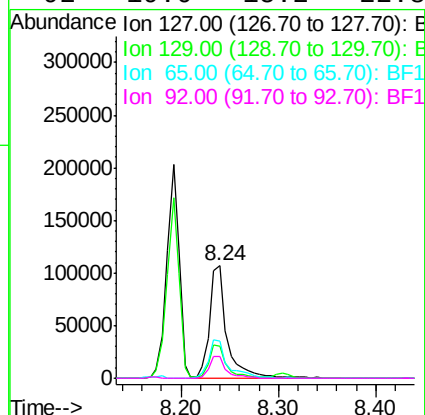
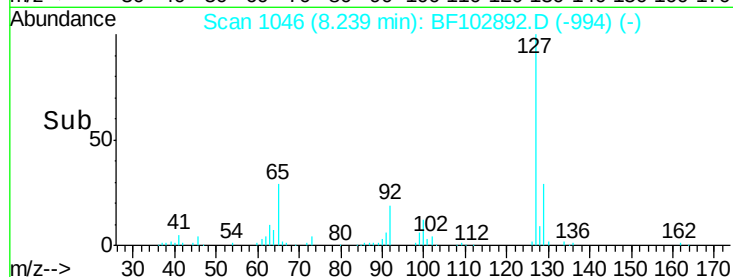
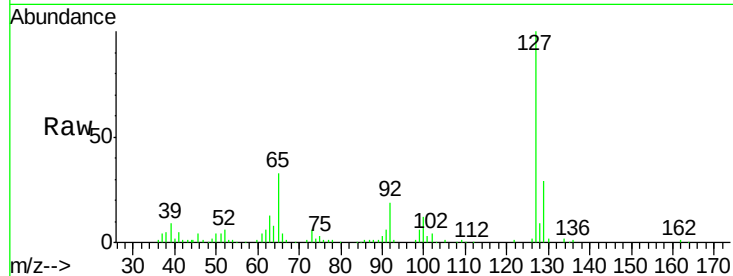
#33
4-Chloroaniline
Concen: 8.690 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.1	25.9	38.9	
65	33.0	25.0	37.4	
92	19.0	15.2	22.8	

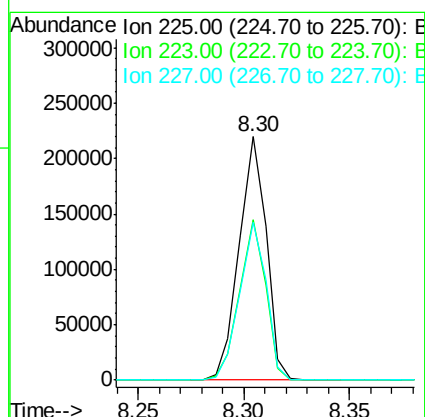
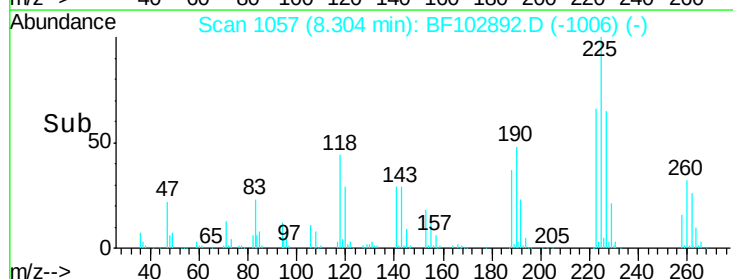
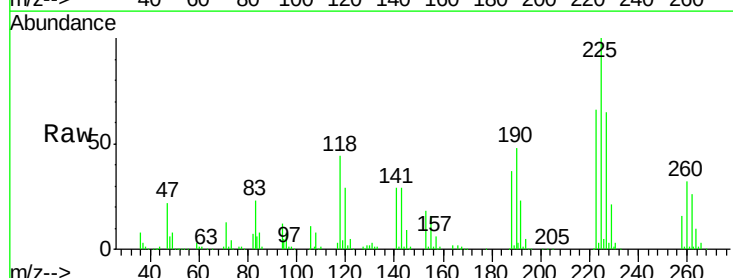
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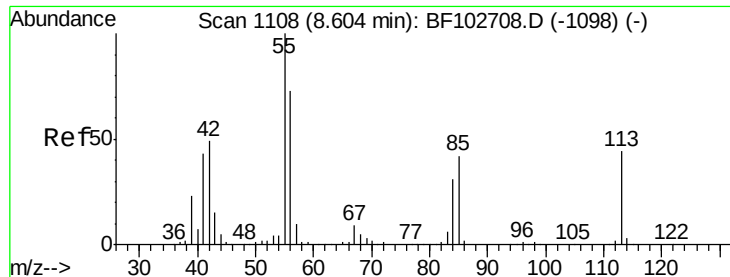
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#34
Hexachlorobutadiene
Concen: 36.564 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.9	50.6	76.0	
227	64.7	51.9	77.9	





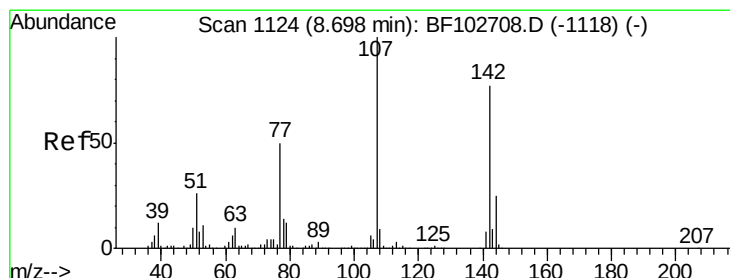
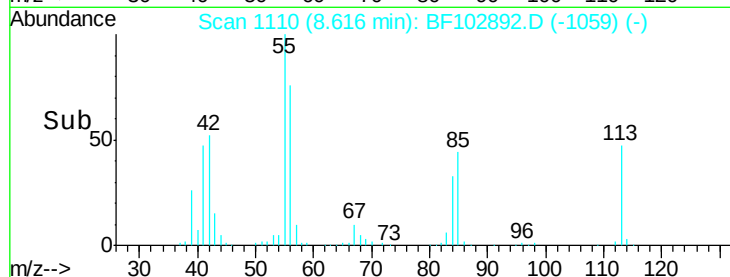
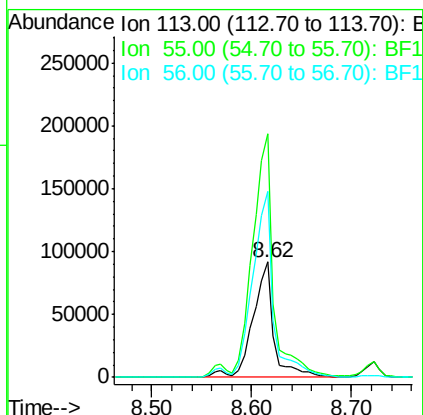
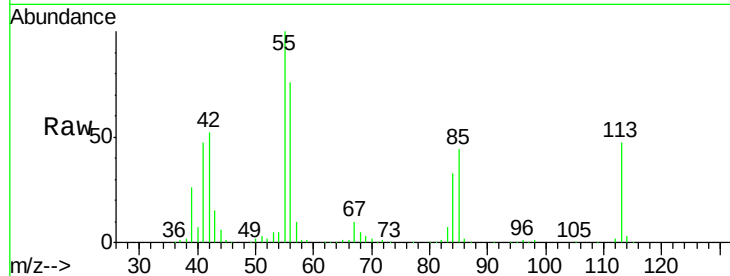
#35
Caprolactam
Concen: 42.296 ng/ml
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleID :
PB106115BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	211.2	163.3	203.3	
56	161.4	115.7	155.7	

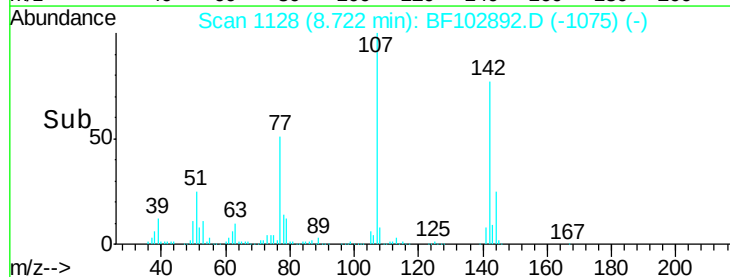
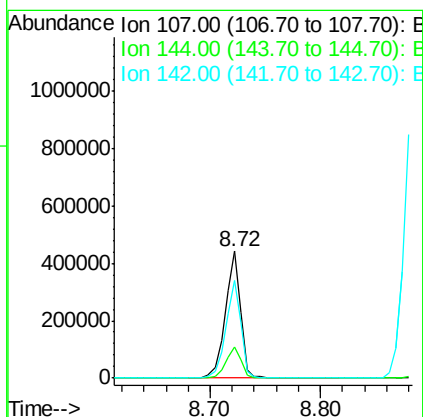
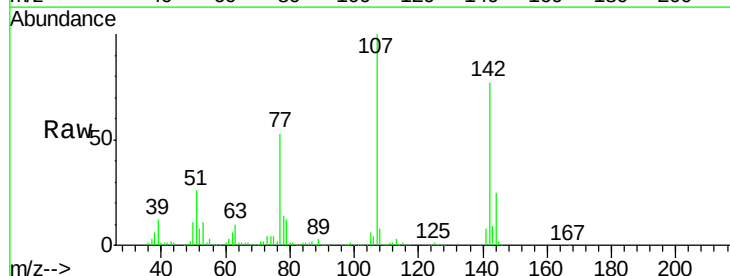
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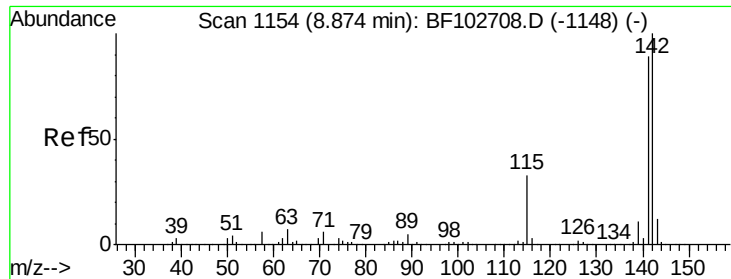
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#36
4-Chloro-3-methylphenol
Concen: 41.309 ng/ml
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.7	20.5	30.7	
142	76.6	62.0	93.0	





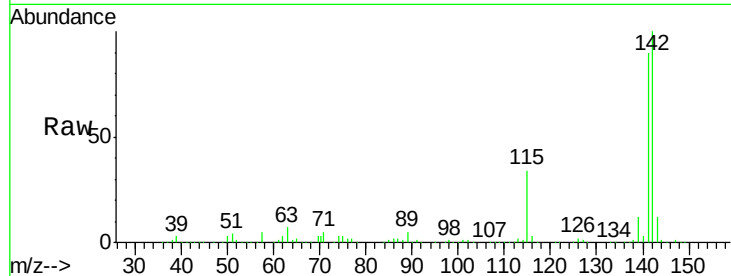
#37
2-Methylnaphthalene
Concen: 37.374 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleID :
PB106115BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	34.2	26.1	39.1

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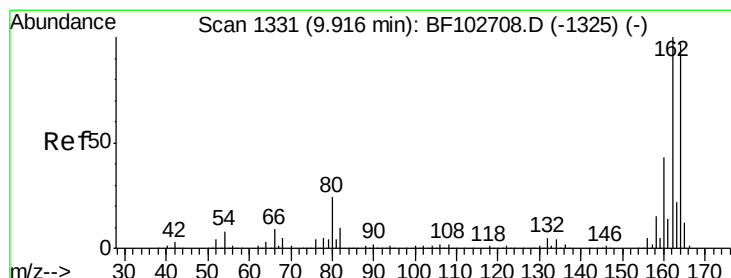
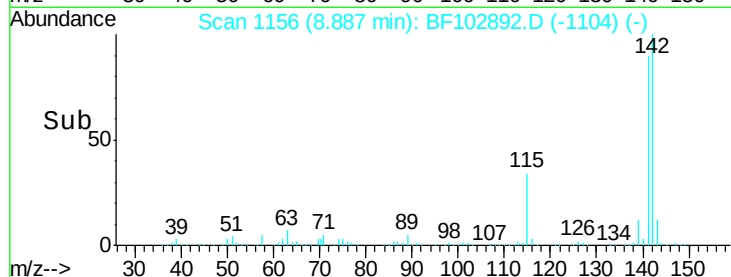
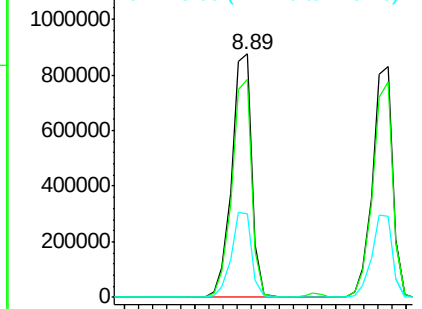


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

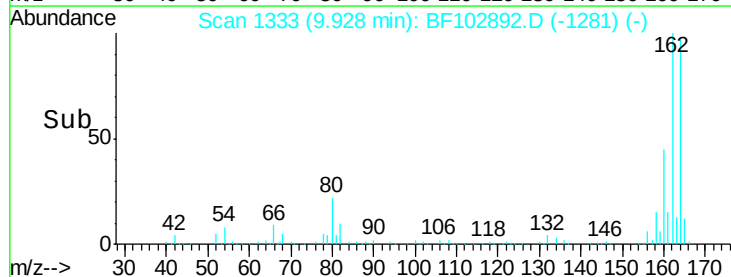
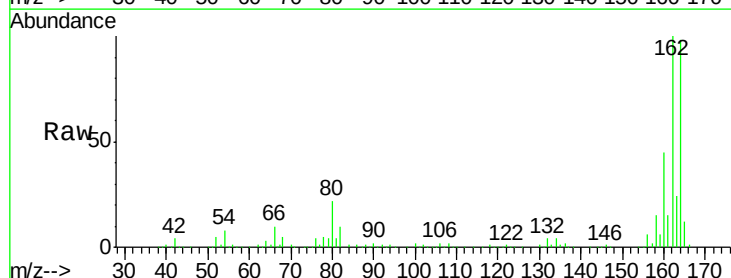
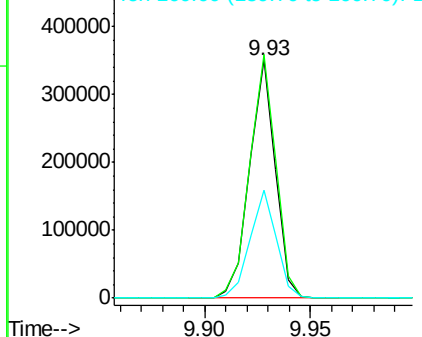
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.6	38.3	57.5

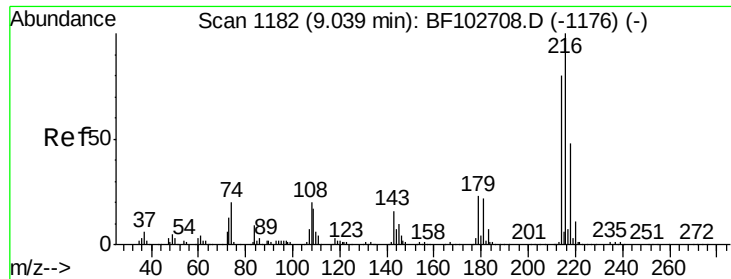
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





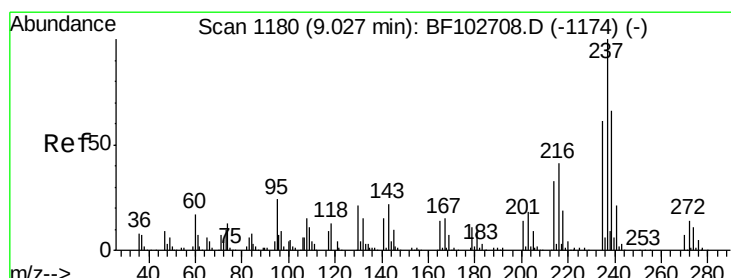
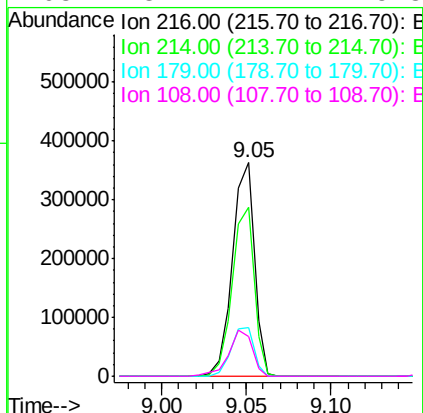
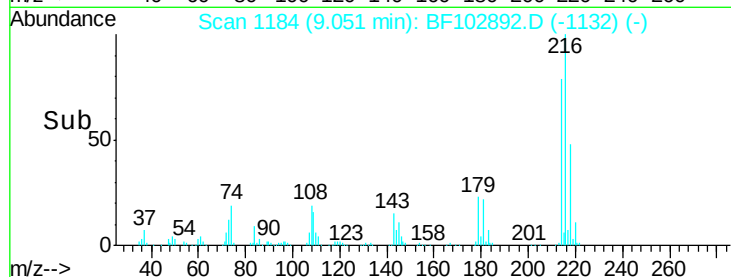
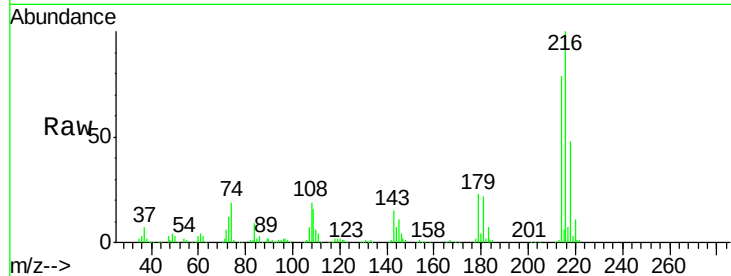
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.349 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		327747		
214	79.4		63.0	94.4	
179	23.8		18.1	27.1	
108	23.1		17.2	25.8	

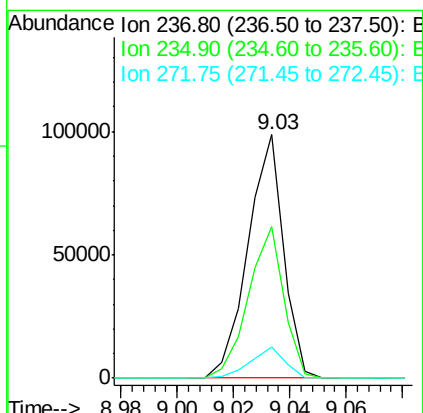
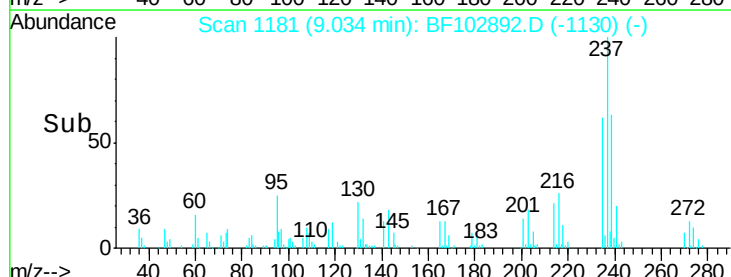
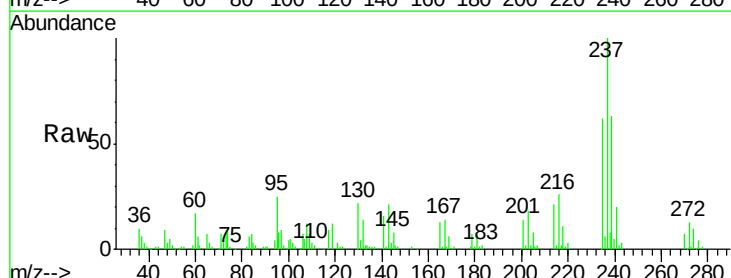
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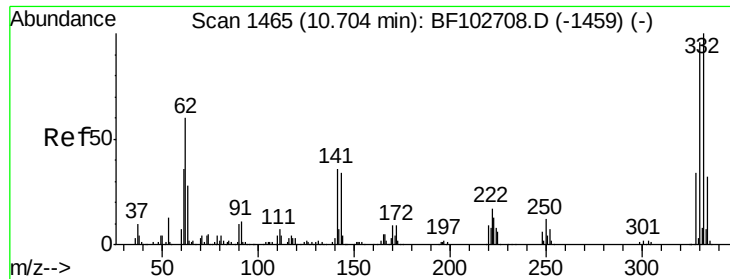
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#40
 Hexachlorocyclopentadiene
 Concen: 22.310 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		86147		
235	62.2		44.8	84.8	
272	12.8		0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 104.745 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

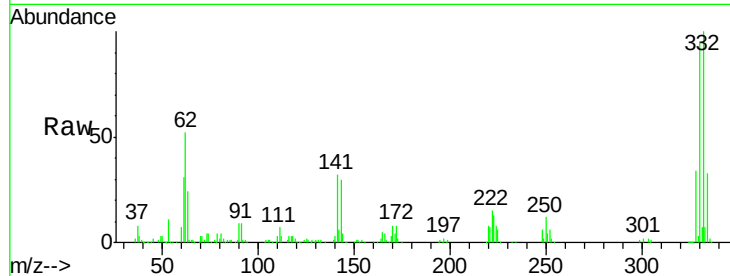
ClientSampled :

PB106115BS

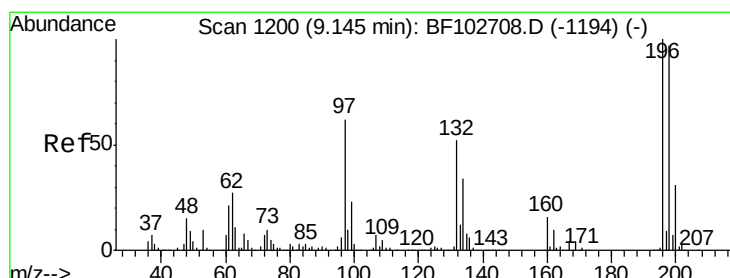
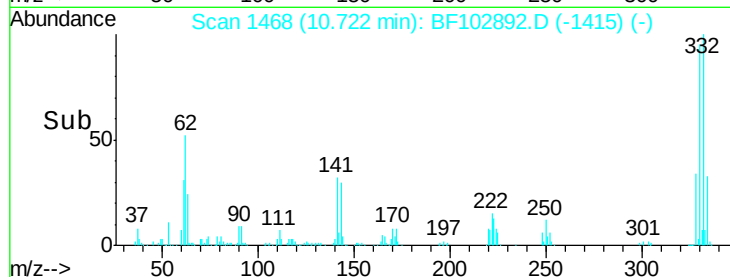
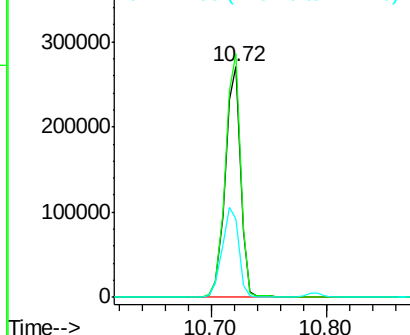
Tot Ion:	330	Resp:	251509
Ion Ratio	Lower	Upper	
330	100		
332	104.4	77.0	115.6
141	42.0	29.9	44.9

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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: 43.921 ng

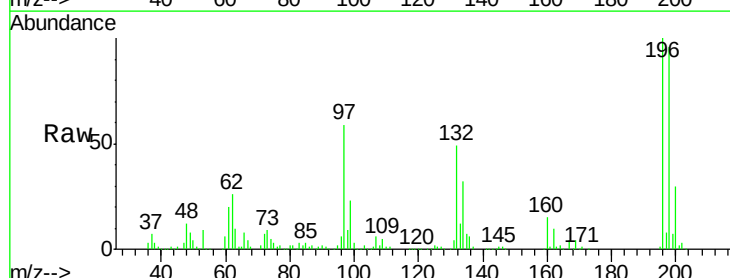
RT: 9.16 min Scan# 1203

Delta R.T. 0.01 min

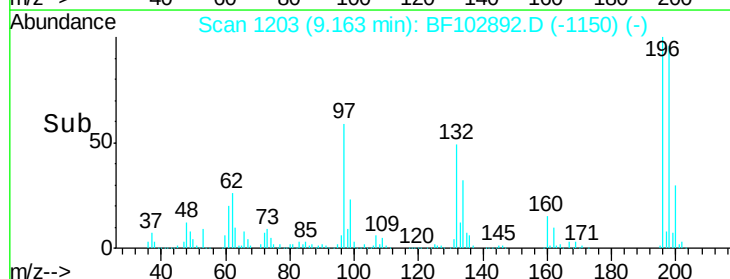
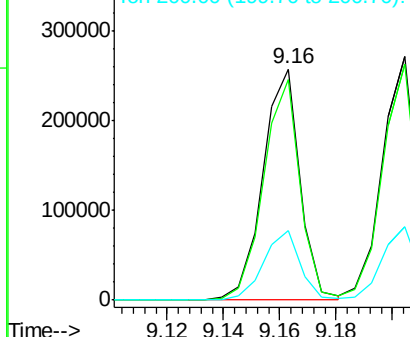
Lab File: BF102892.D

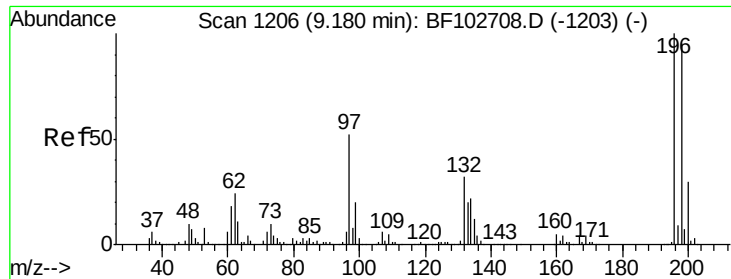
Acq: 9 Feb 2018 16:48

Tgt Ion:	196	Resp:	234333
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.7	113.5
200	29.9	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





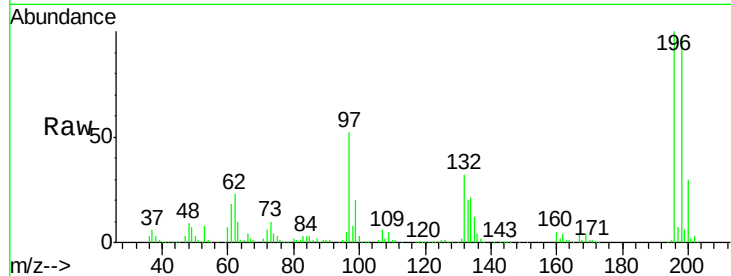
#43
 2,4,5-Trichlorophenol
 Concen: 39.585 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampled :
 PB106115BS

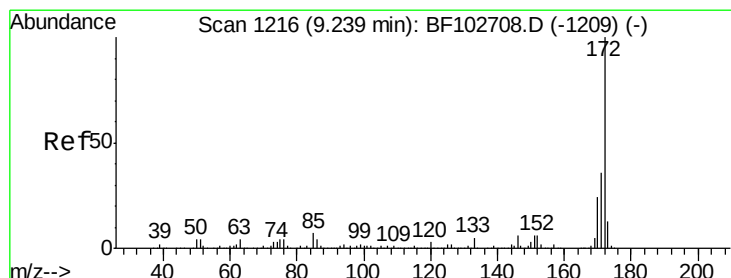
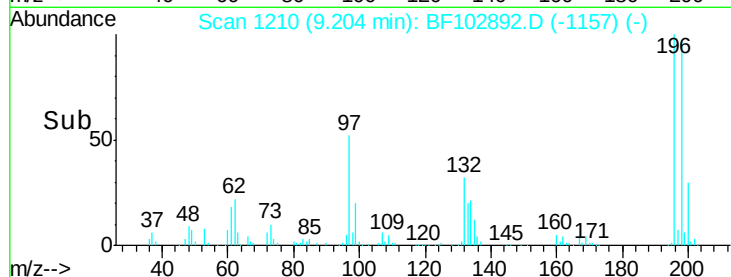
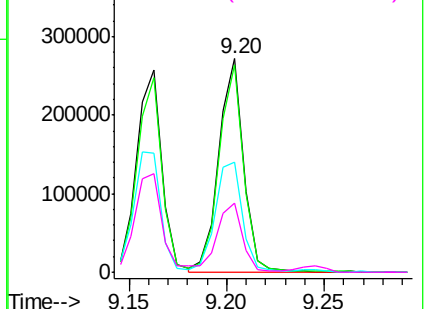
Tot Ion:	196	Resp:	238040
Ion Ratio	Lower	Upper	
196	100		
198	96.9	74.6	112.0
97	51.8	42.9	64.3
132	32.5	26.3	39.5

Manual Integrations
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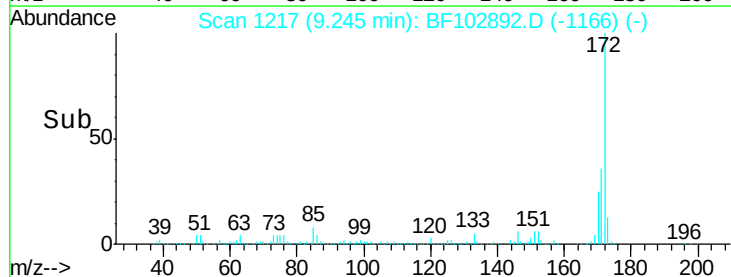
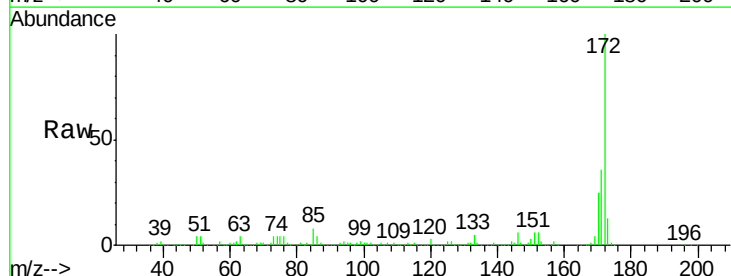
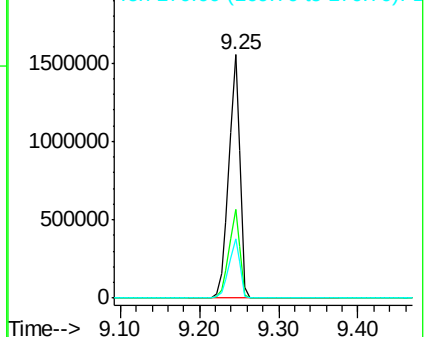
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

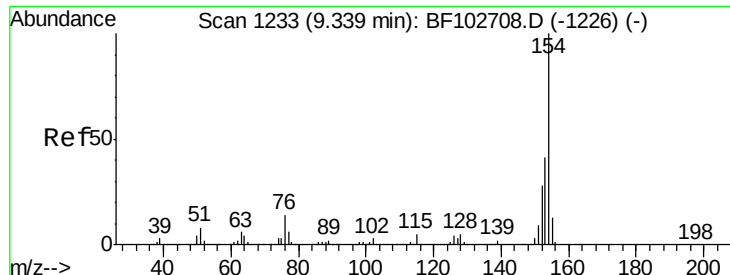


#44
 2-Fluorobiphenyl
 Concen: 84.490 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion:	172	Resp:	1518981
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	24.6	19.6	29.4

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





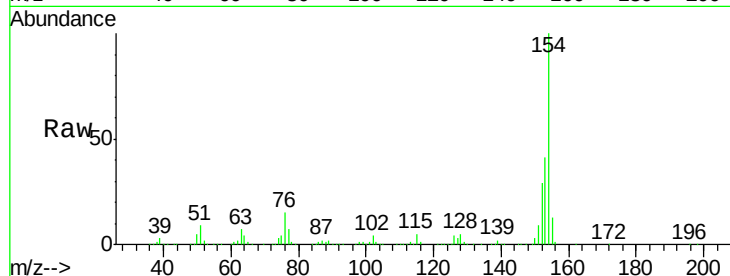
#45
1,1'-Biphenyl
Concen: 38.960 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampled :
PB106115BS

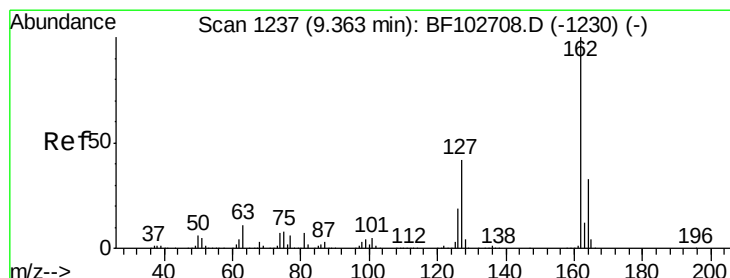
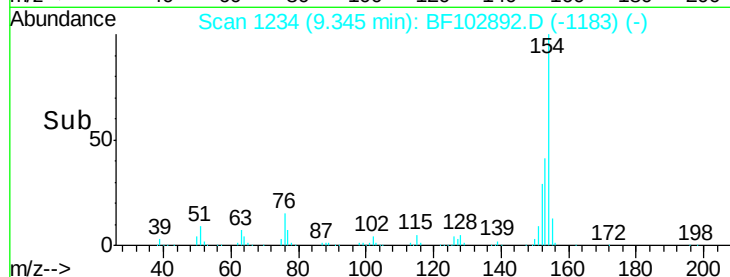
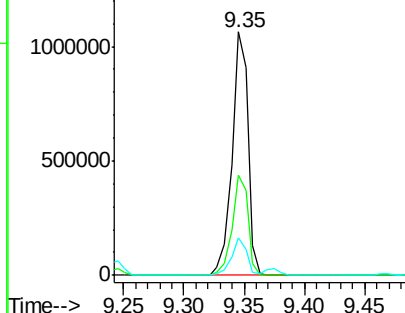
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	21.3	61.3	
76	15.5	0.0	34.0	

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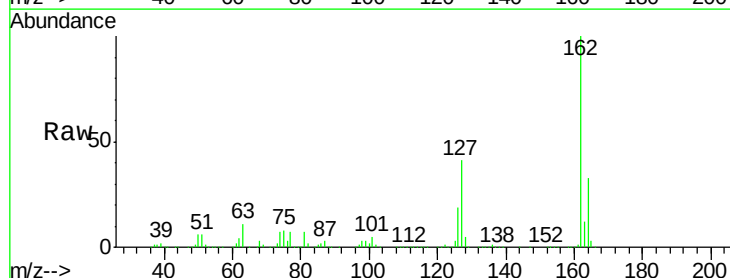


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

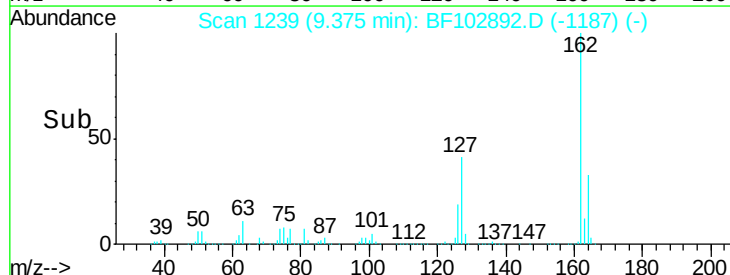
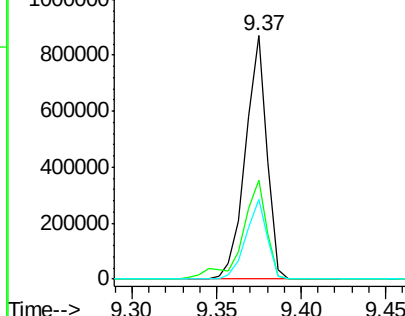


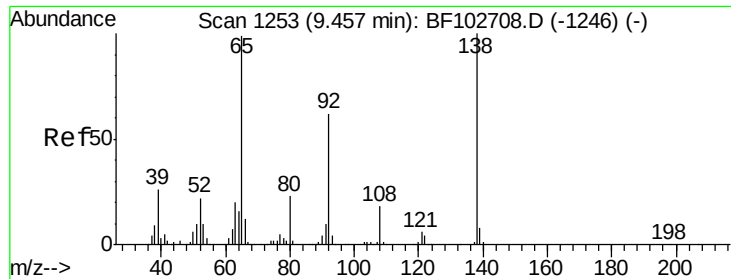
#46
2-Chloronaphthalene
Concen: 38.994 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.9	33.9	50.9	
164	32.8	26.5	39.7	



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





#47

2-Nitroaniline

Concen: 49.789 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

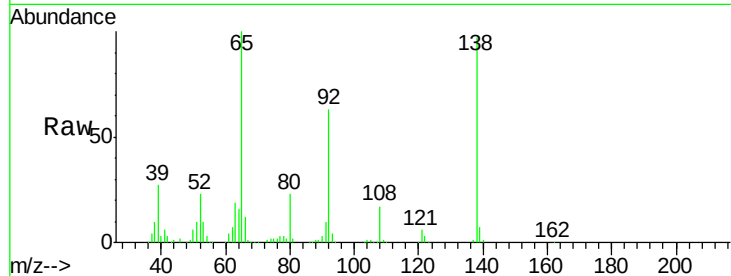
PB106115BS

Tot Ion: 65 Resp: 304774
Ion Ratio Lower Upper

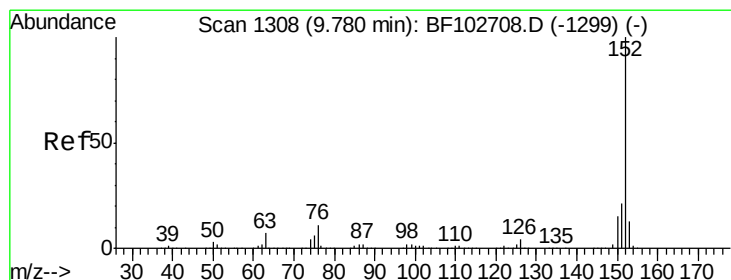
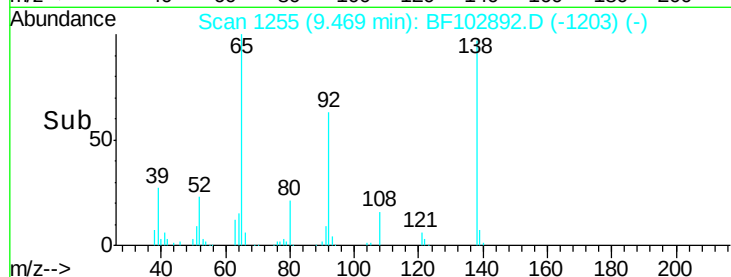
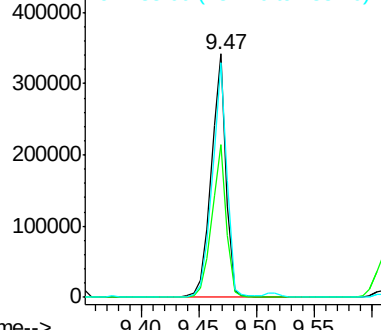
65	100		
92	62.5	55.8	83.6
138	96.5	91.2	136.8

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



#48

Acenaphthylene

Concen: 37.053 ng

RT: 9.79 min Scan# 1310

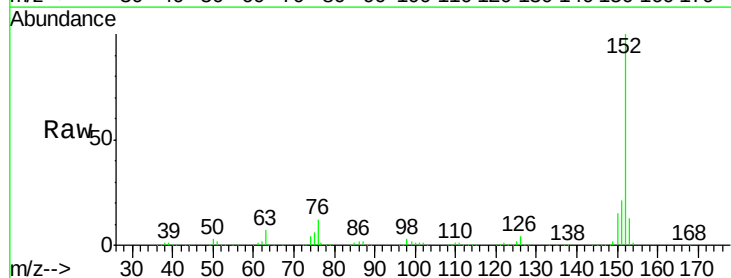
Delta R.T. 0.01 min

Lab File: BF102892.D

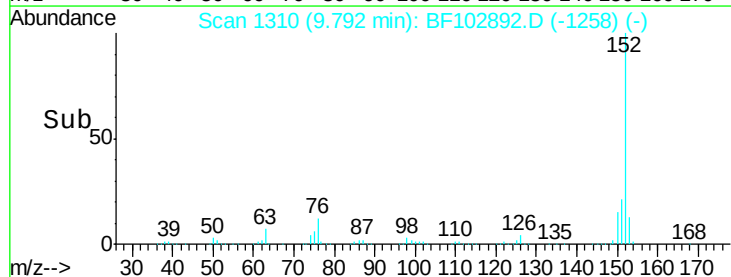
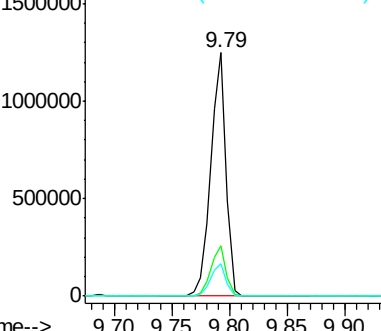
Acq: 9 Feb 2018 16:48

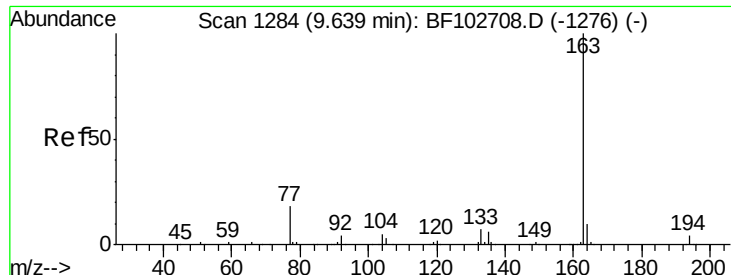
Tgt Ion: 152 Resp: 1138413
Ion Ratio Lower Upper

152	100		
151	20.8	16.3	24.5
153	13.4	10.7	16.1



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





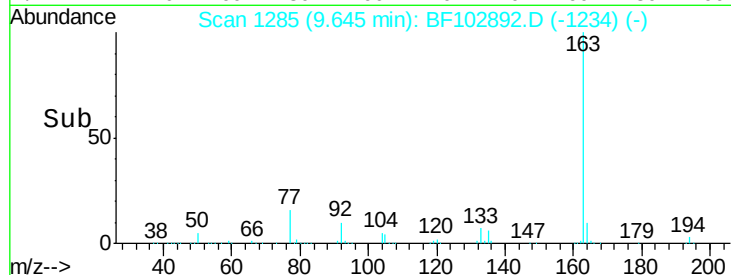
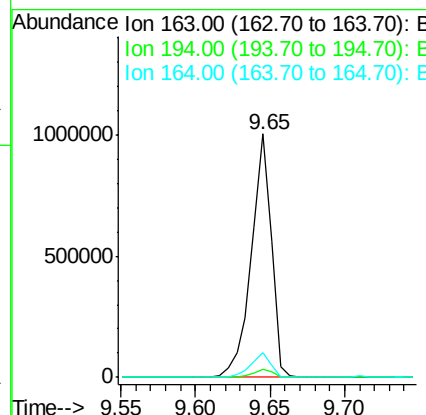
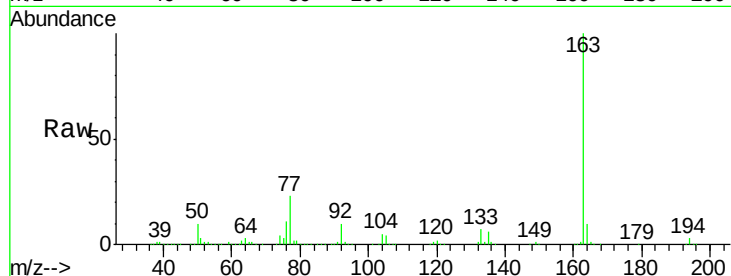
#49
Dimethylphthalate
Concen: 40.009 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampled :
PB106115BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.3	8.2	12.2	

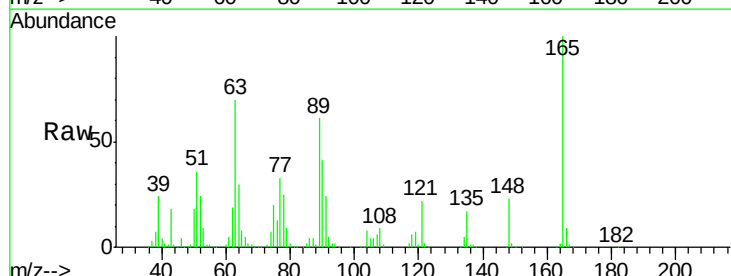
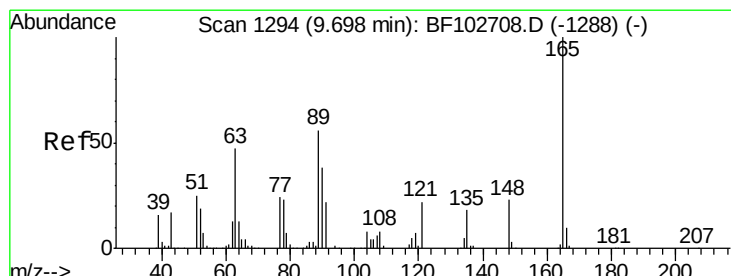
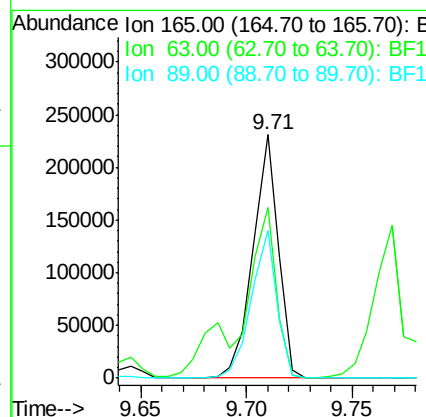
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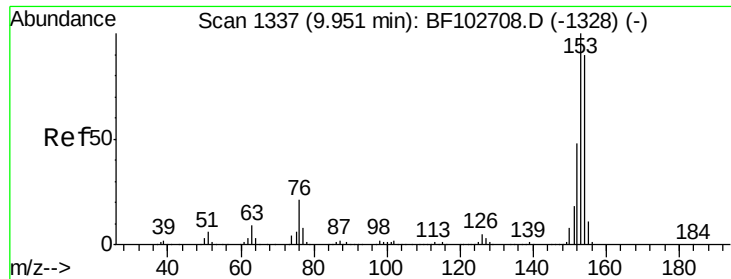
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#50
2,6-Dinitrotoluene
Concen: 43.889 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	70.0	44.7	67.1#	
89	60.8	44.0	66.0	





#51

Acenaphthene

Concen: 36.625 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

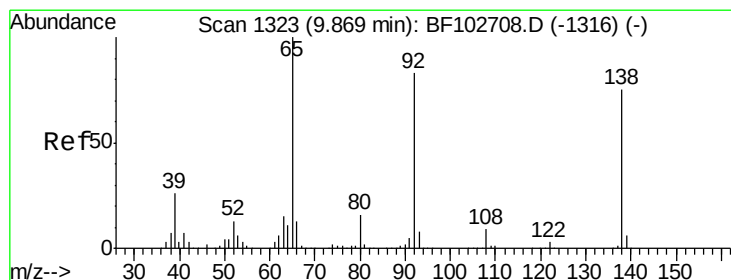
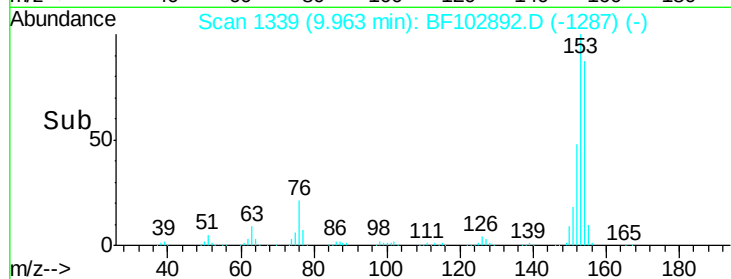
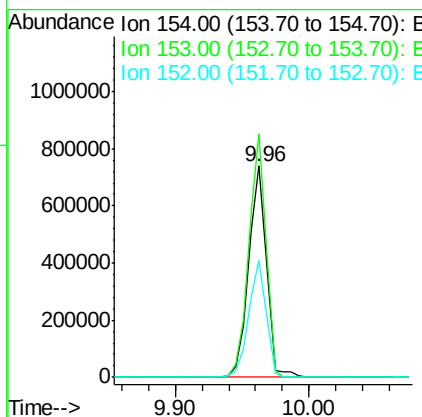
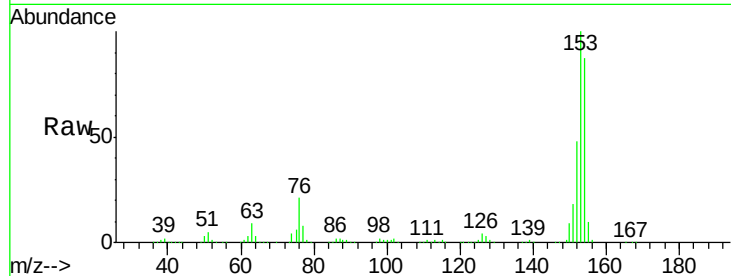
ClientSampled :

PB106115BS

Tot Ion:	154	Resp:	672947
Ion Ratio	Lower	Upper	
154	100		
153	115.3	91.2	136.8
152	55.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 22.208 ng

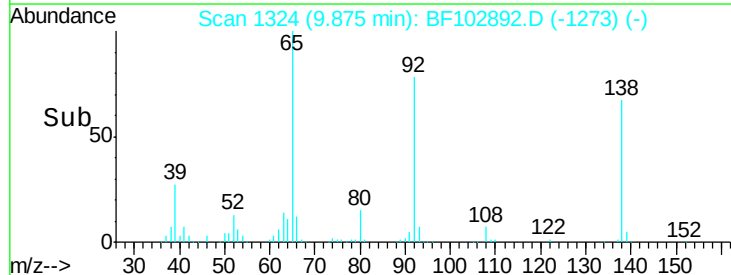
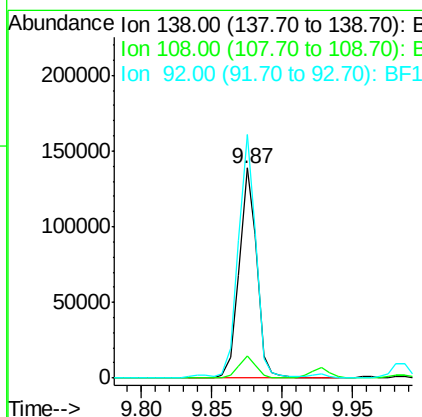
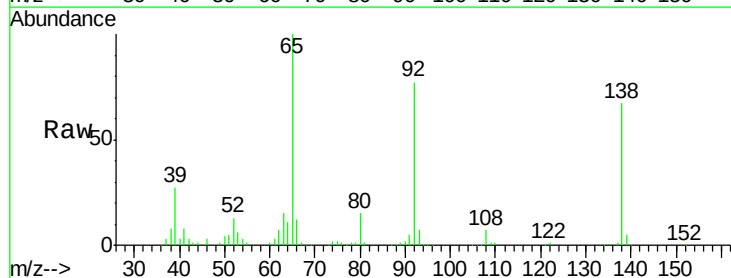
RT: 9.87 min Scan# 1324

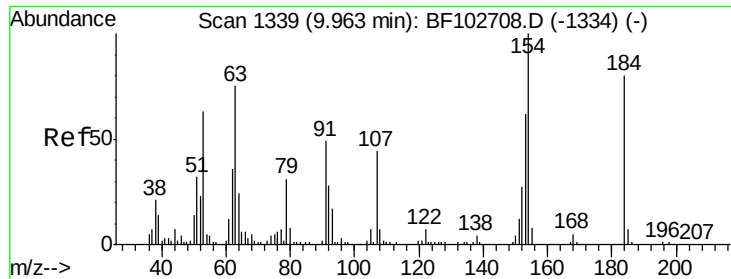
Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tgt Ion:	138	Resp:	120927
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	115.9	89.4	134.2





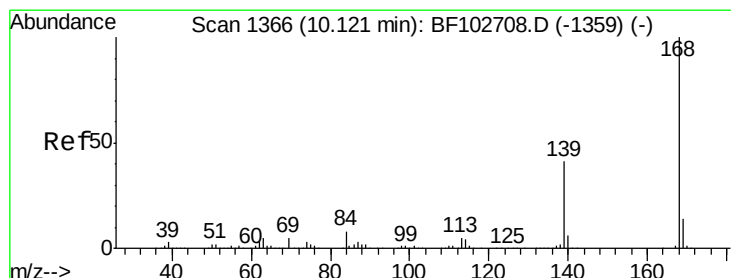
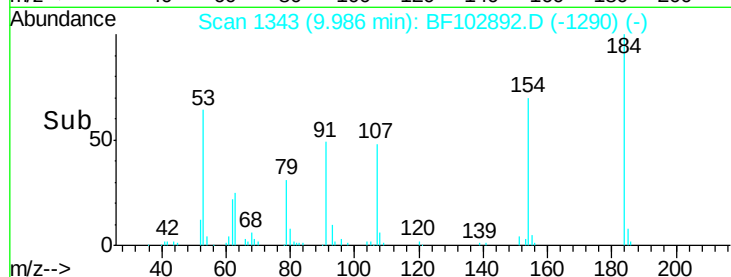
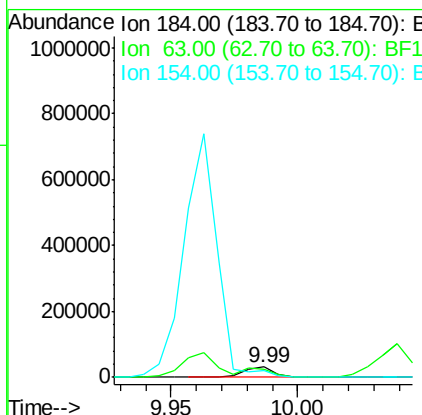
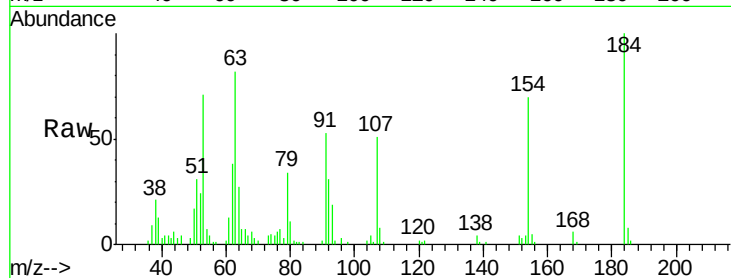
#53
2,4-Dinitrophenol
Concen: 33.198 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampled :
PB106115BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	81.8	54.2	81.2#
154	69.9	184.0	276.0#

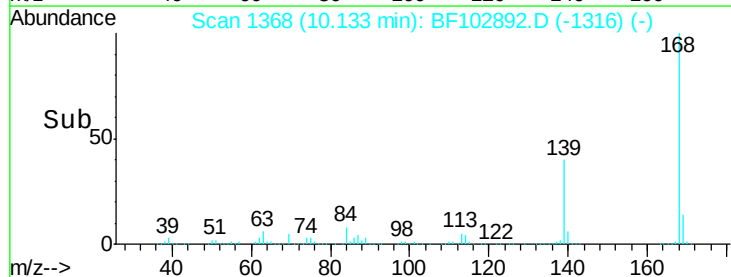
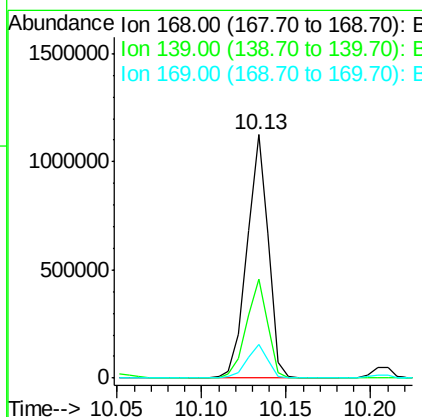
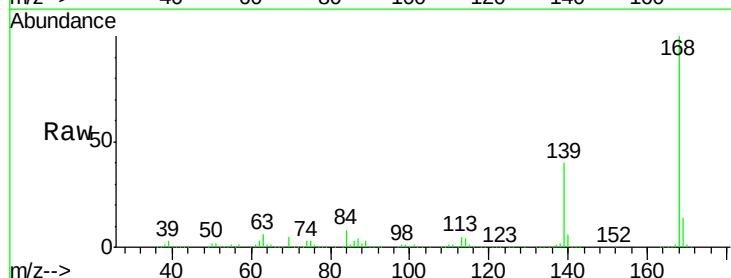
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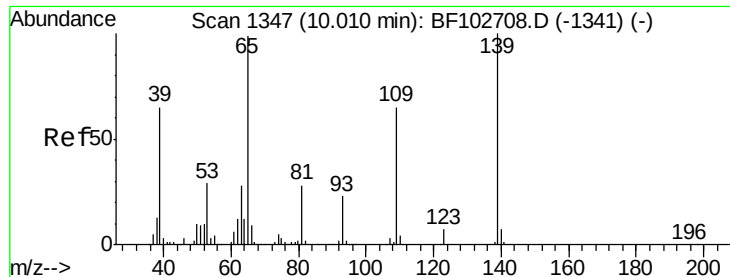
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#54
Dibenzofuran
Concen: 38.295 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.1	45.1
169	13.7	10.9	16.3





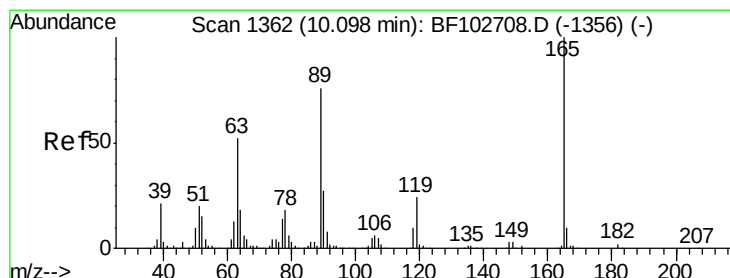
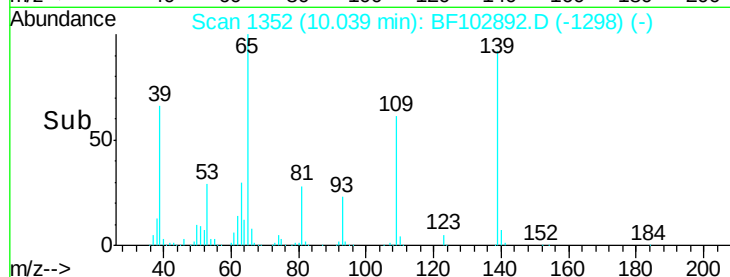
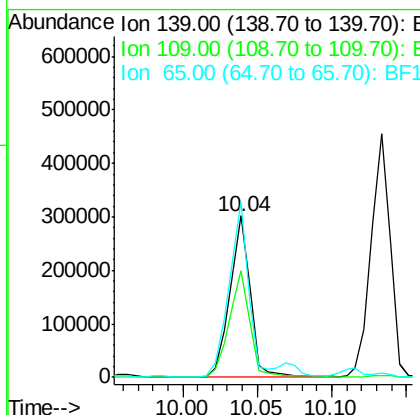
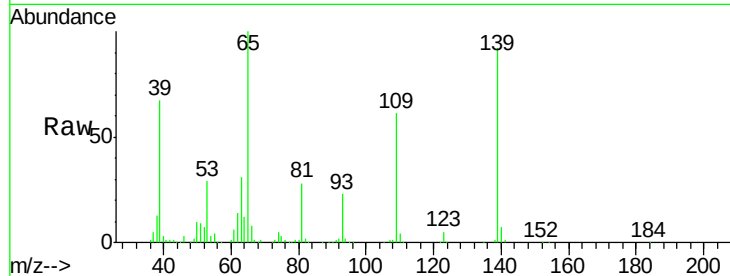
#55
4-Nitrophenol
Concen: 67.184 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	297598		
109	66.1	48.4	88.4	
65	109.1	72.6	112.6	

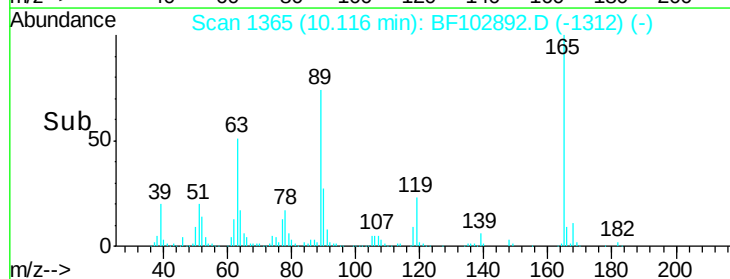
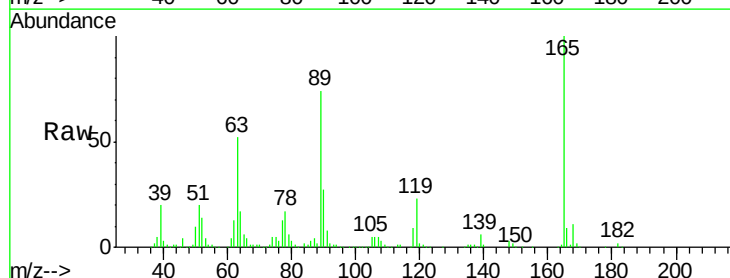
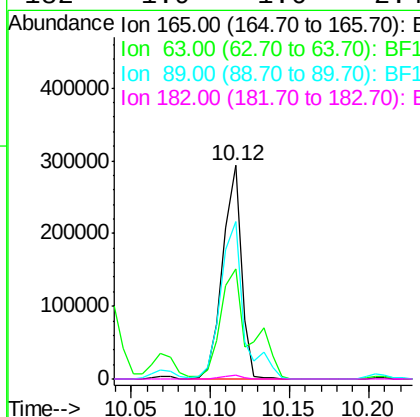
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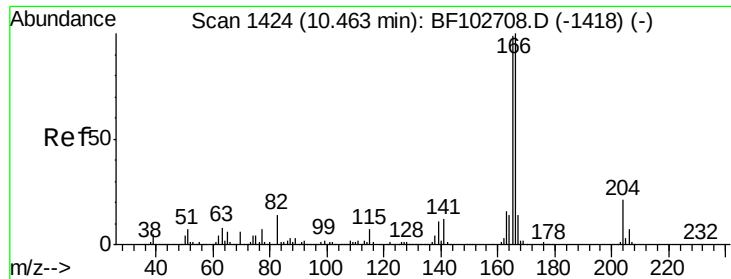
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#56
2,4-Dinitrotoluene
Concen: 41.159 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	241506		
63	51.5	36.4	54.6	
89	73.9	57.8	86.6	
182	1.9	1.6	2.4	





#57

Fluorene

Concen: 37.799 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

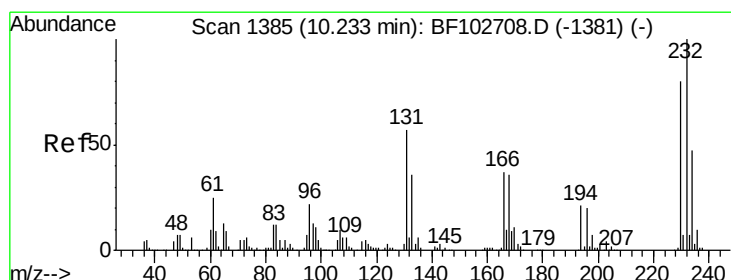
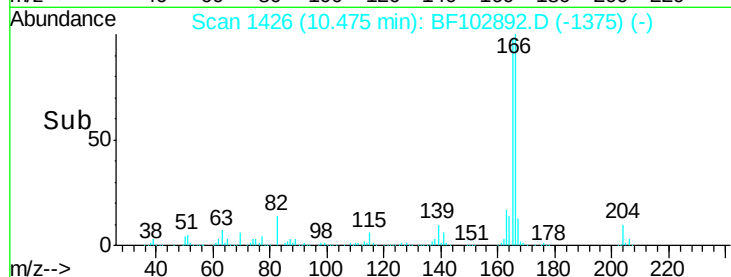
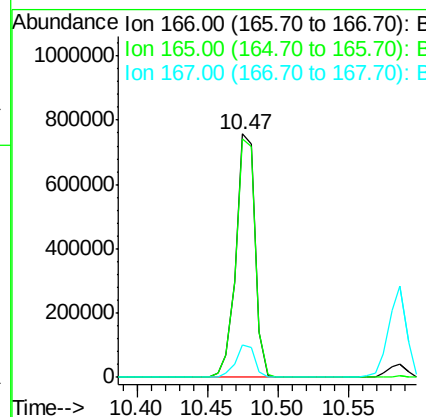
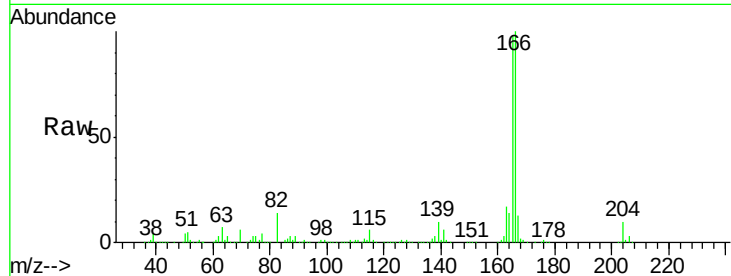
ClientSampled :

PB106115BS

Tot Ion:	166	Resp:	712127
Ion Ratio	Lower	Upper	
166	100		
165	98.0	79.8	119.8
167	13.4	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.799 ng

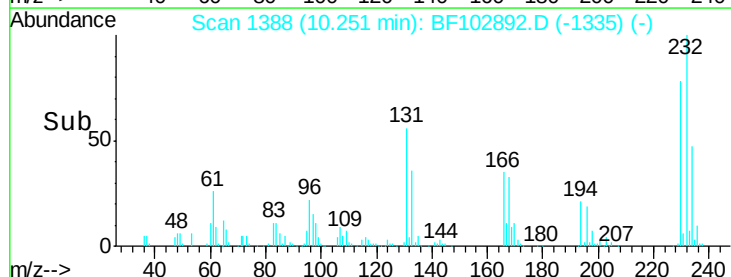
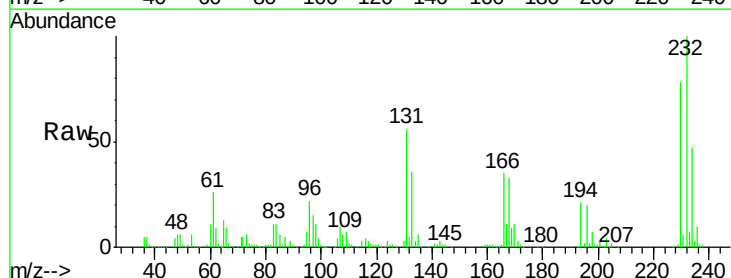
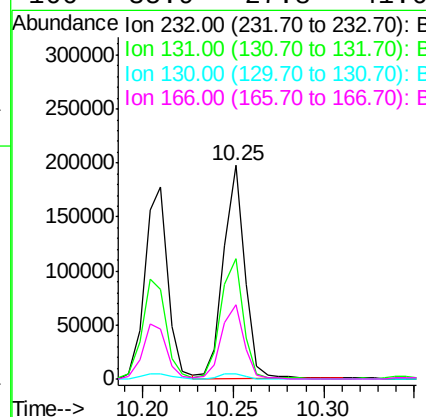
RT: 10.25 min Scan# 1388

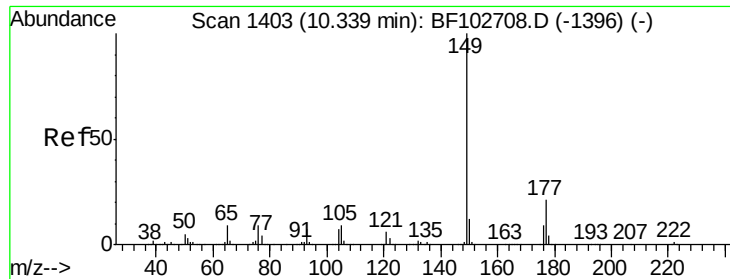
Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tgt Ion:	232	Resp:	161705
Ion Ratio	Lower	Upper	
232	100		
131	59.4	43.8	65.8
130	2.9	2.1	3.1
166	35.9	27.8	41.6





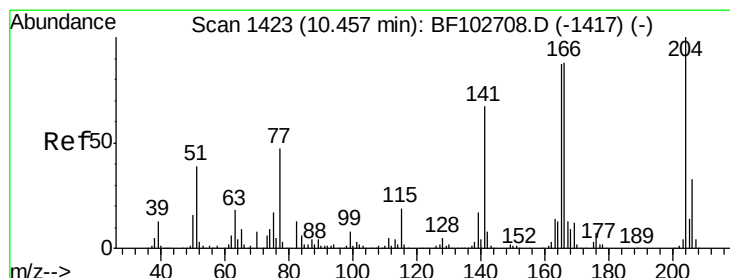
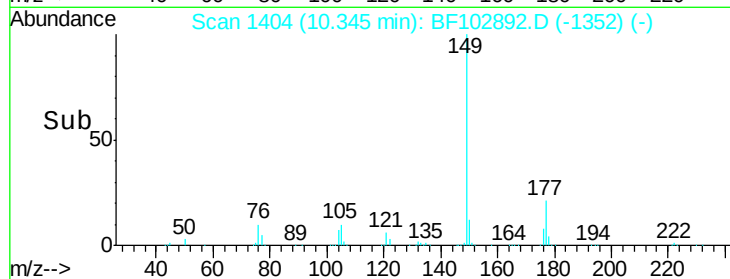
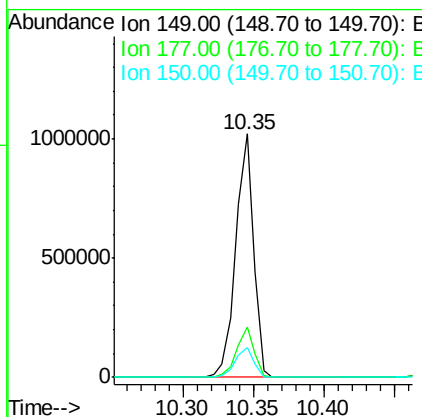
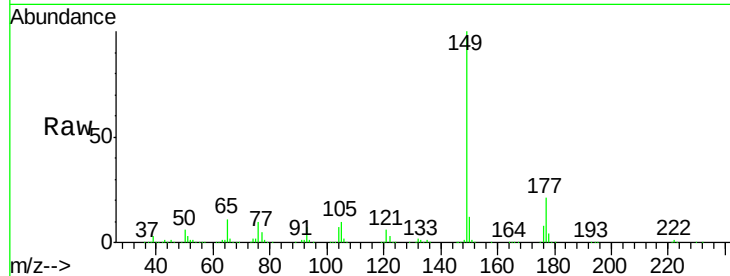
#59
Diethylphthalate
Concen: 39.109 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampled :
PB106115BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.1	24.1
150	12.2	10.1	15.1

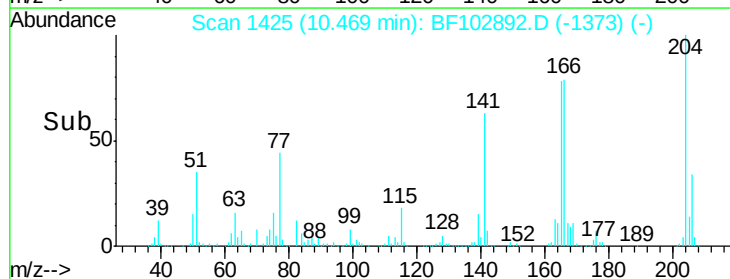
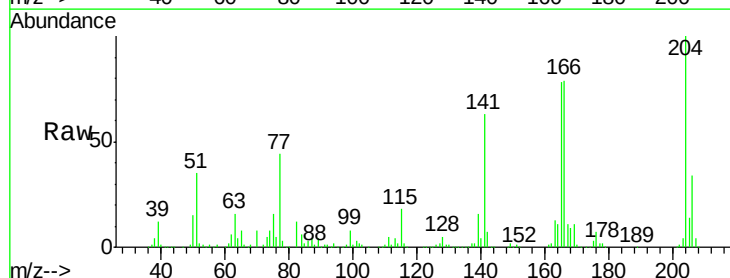
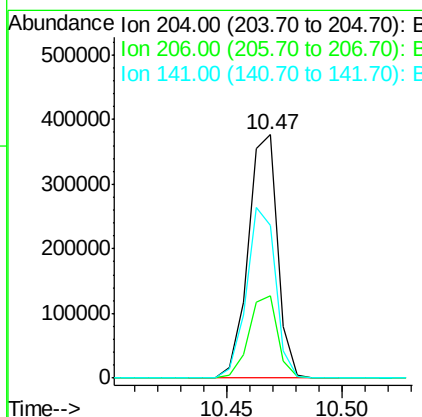
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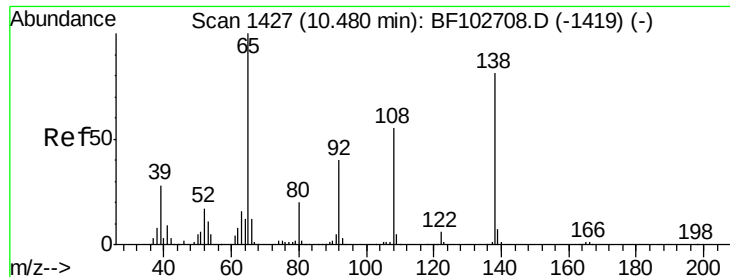
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 40.263 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.5	39.7
141	62.9	54.6	81.8





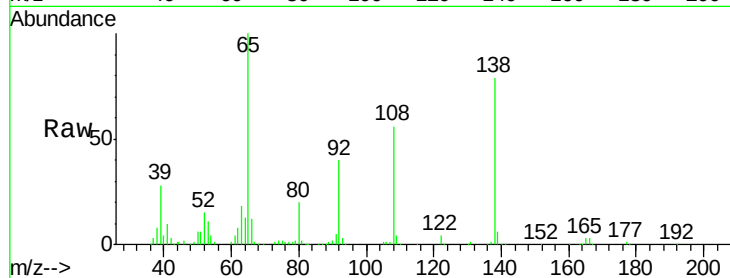
#61
4-Nitroaniline
Concen: 33.932 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampled :
PB106115BS

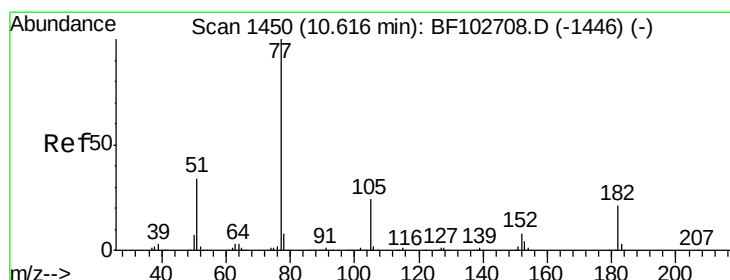
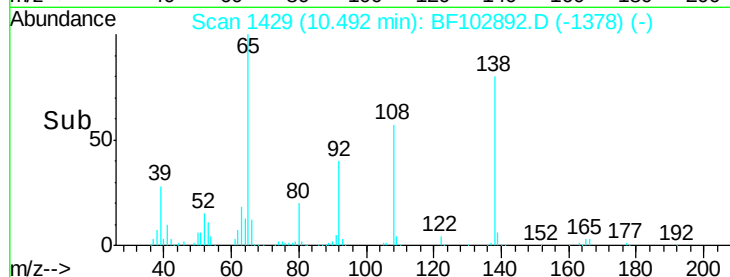
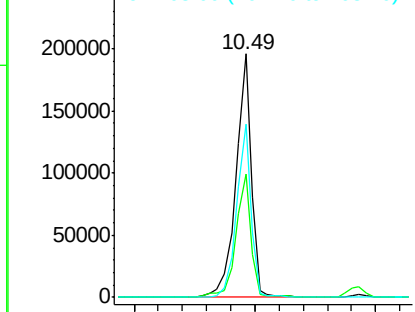
Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	30.2	70.2
108	71.0	52.5	92.5

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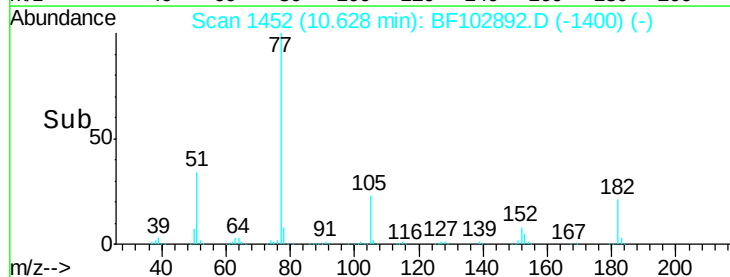
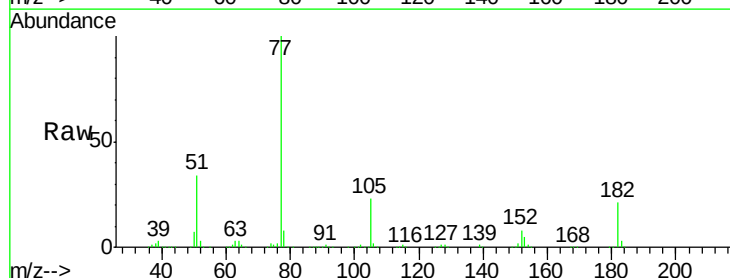
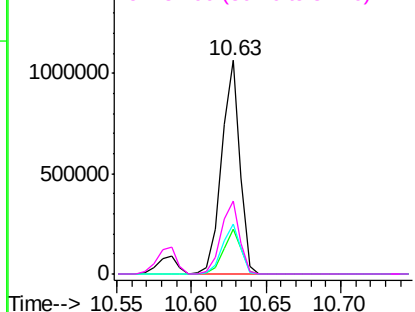
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

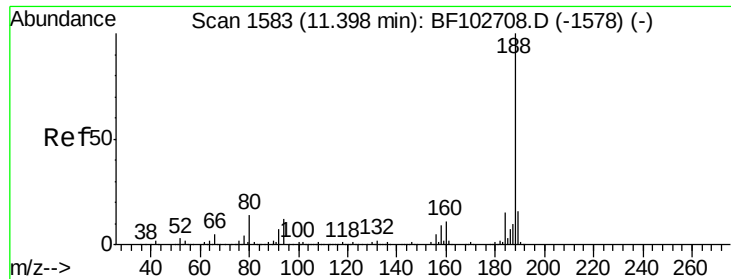


#62
Azobenzene
Concen: 39.896 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	1.7	41.7
105	23.3	3.0	43.0
51	34.2	9.9	49.9

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





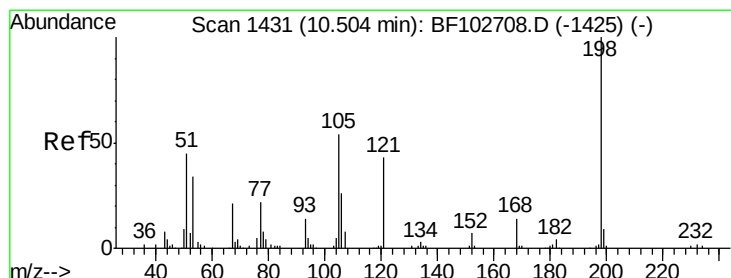
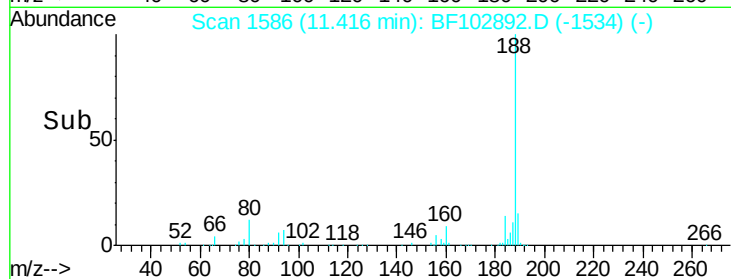
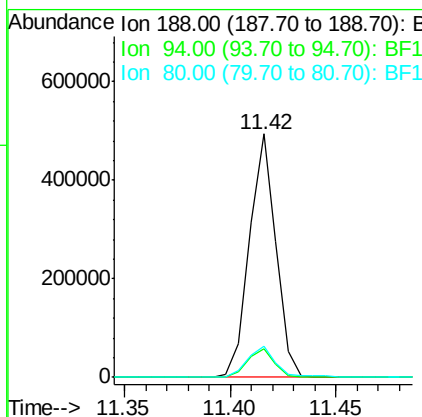
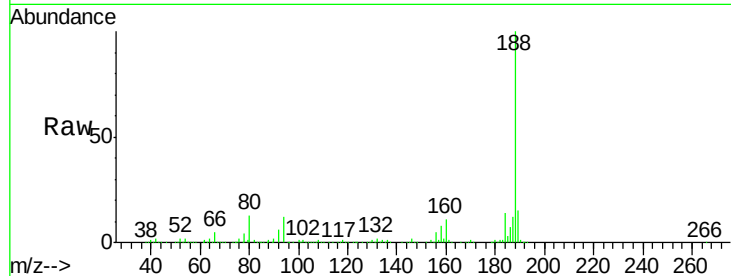
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	430245		
94	11.8		8.5	12.7
80	12.8		9.2	13.8

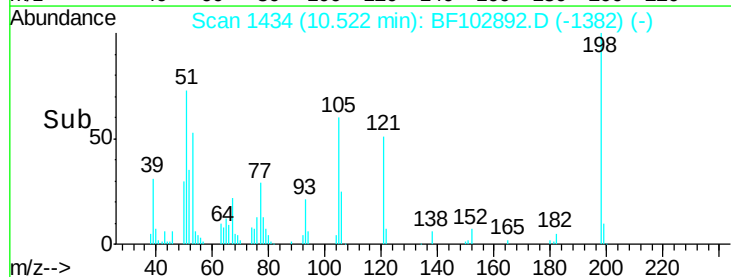
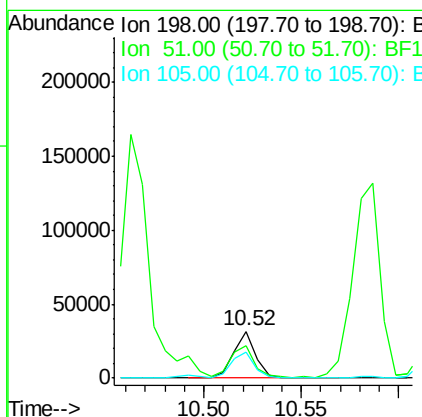
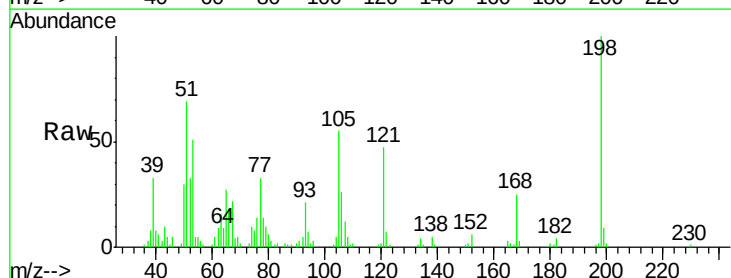
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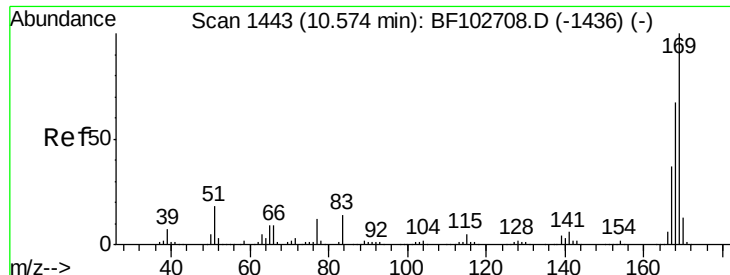
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 21.127 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	24833		
51	69.0		37.7	77.7
105	55.4		36.3	76.3





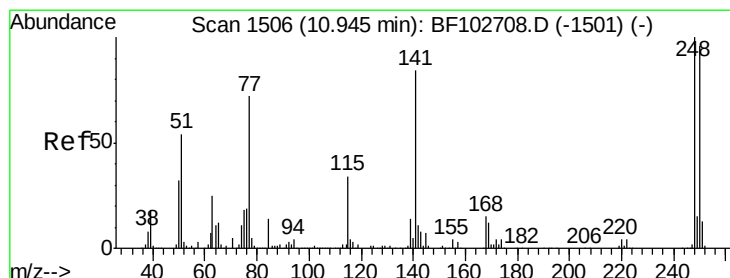
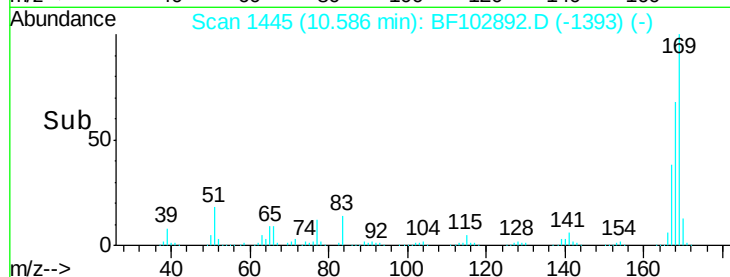
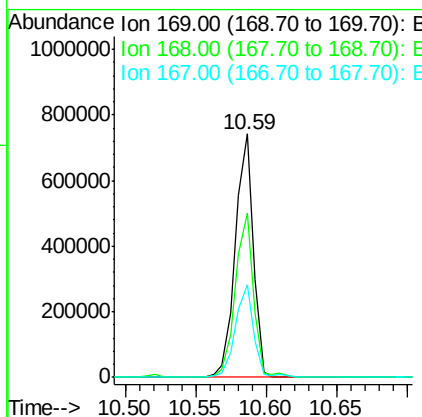
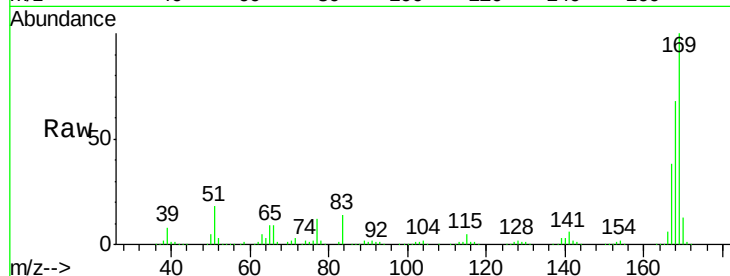
#65
n-Nitrosodiphenylamine
Concen: 43.352 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	657918		
168	67.5	54.4	81.6	
167	38.0	29.8	44.6	

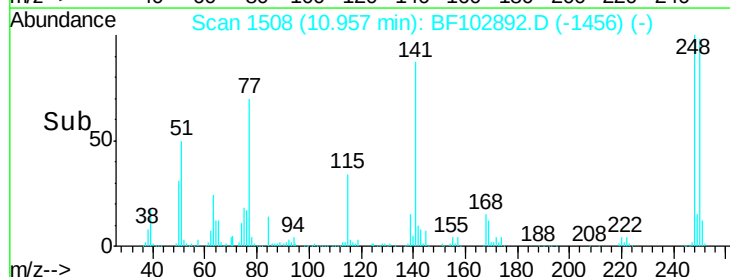
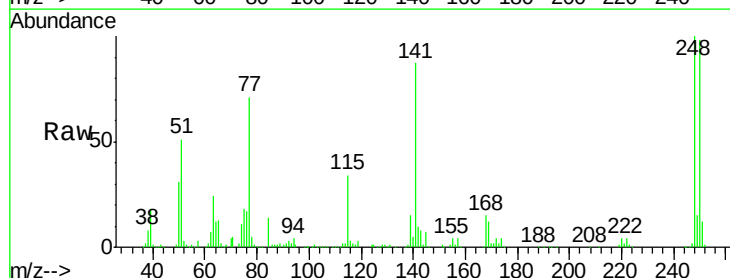
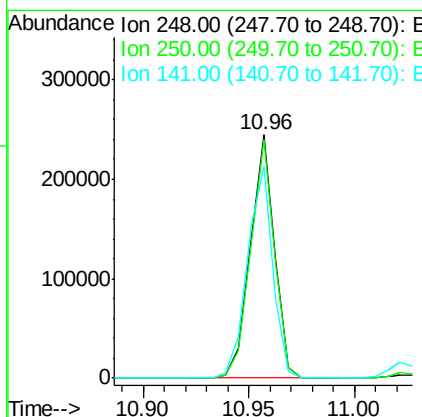
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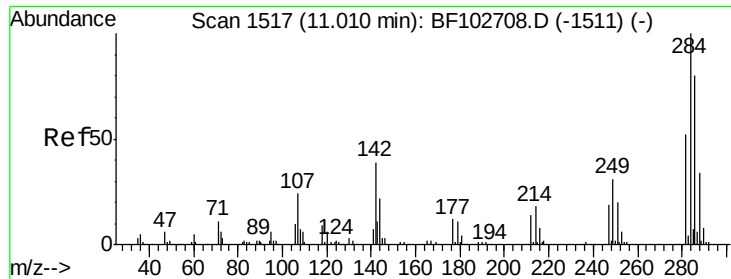
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#66
4-Bromophenyl-phenylether
Concen: 42.690 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	194291		
250	97.8	76.9	115.3	
141	86.7	74.4	111.6	





#67

Hexachlorobenzene

Concen: 38.241 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

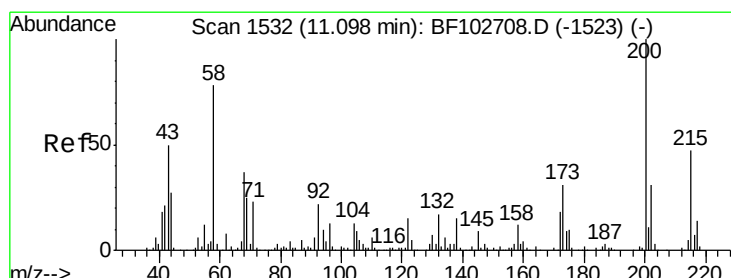
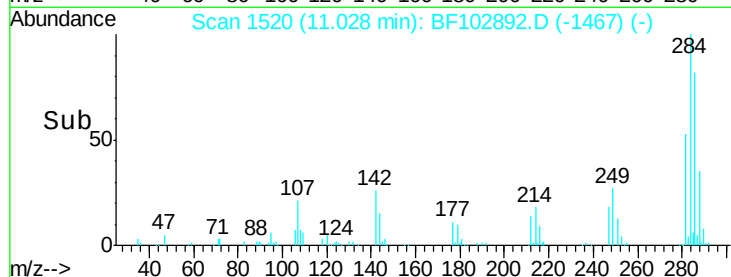
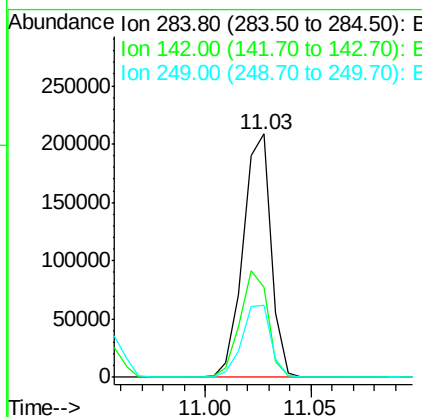
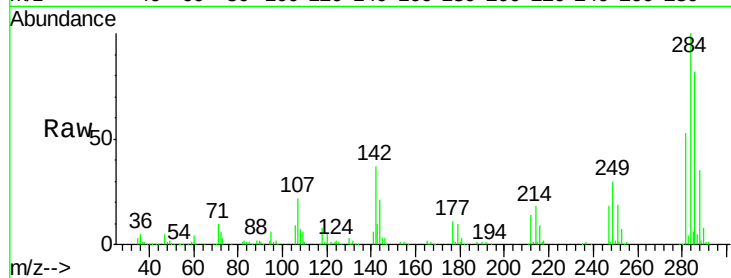
ClientSampled :

PB106115BS

Tot Ion:	284	Resp:	192002
Ion Ratio		Lower	Upper
284	100		
142	36.9	34.6	52.0
249	29.7	24.8	37.2

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#68

Atrazine

Concen: 43.964 ng

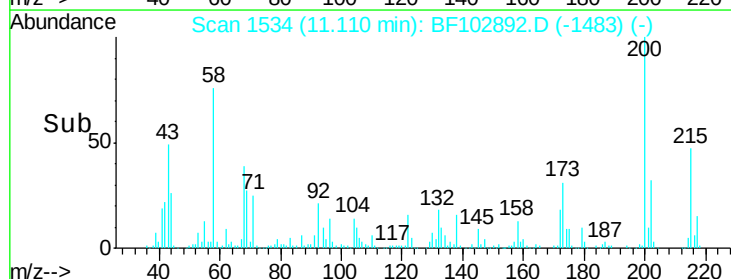
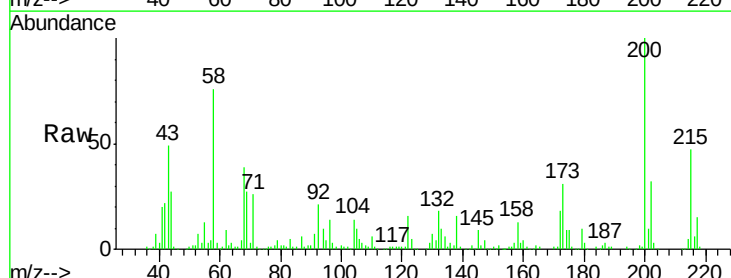
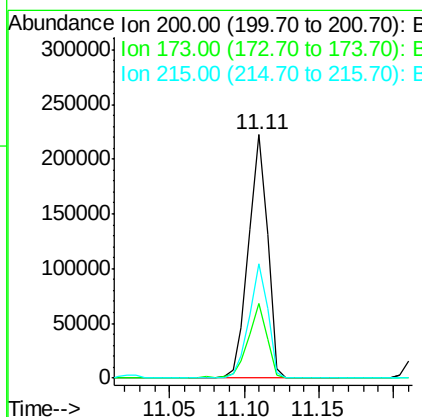
RT: 11.11 min Scan# 1534

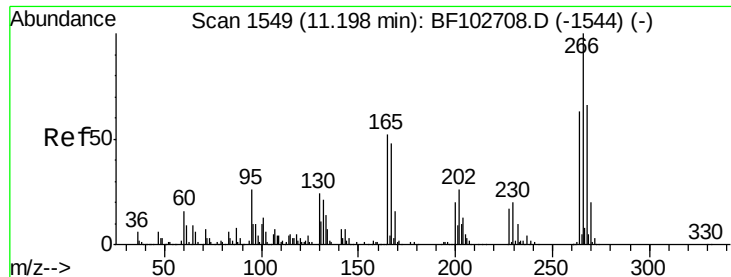
Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tgt Ion:	200	Resp:	196829
Ion Ratio		Lower	Upper
200	100		
173	30.7	8.6	48.6
215	47.1	25.1	65.1





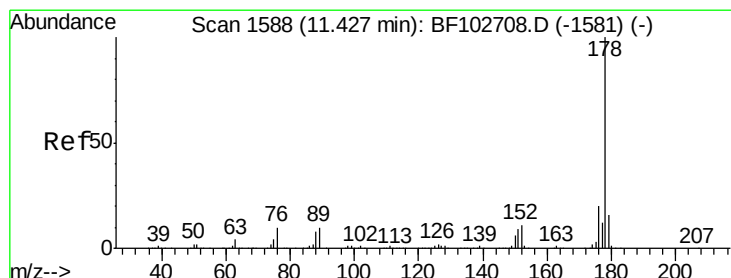
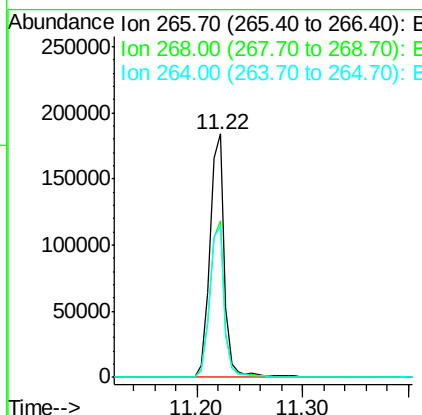
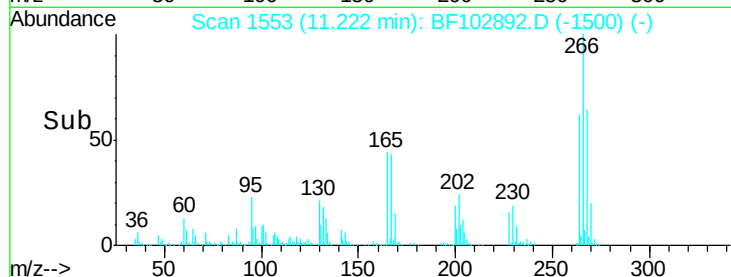
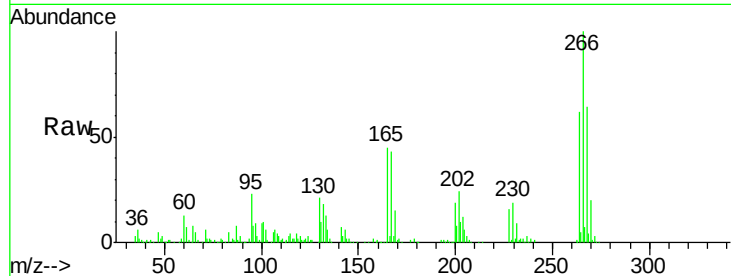
#69
 Pentachlorophenol
 Concen: 60.886 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	179451		
268	64.5	51.1	76.7	
264	62.4	49.5	74.3	

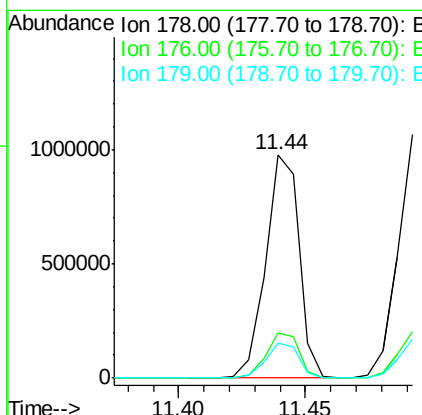
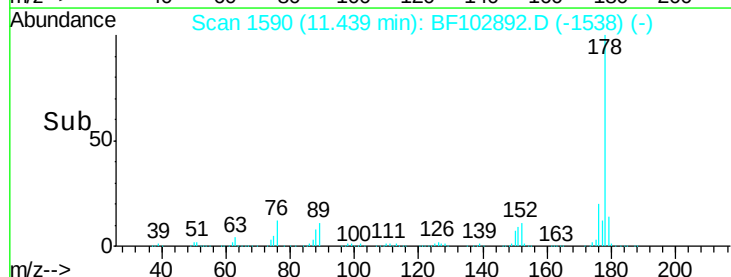
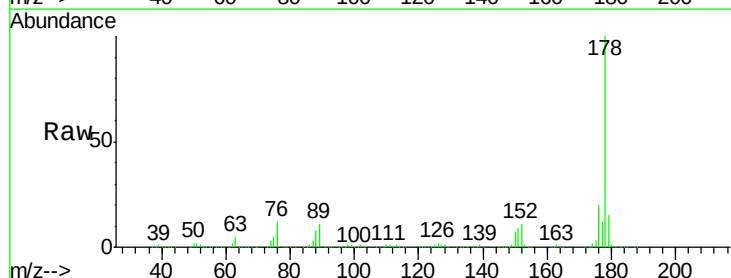
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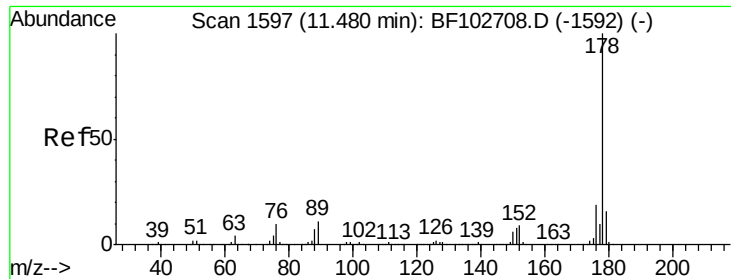
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#70
 Phenanthrene
 Concen: 37.798 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	905709		
176	20.1	15.8	23.8	
179	15.4	13.0	19.6	





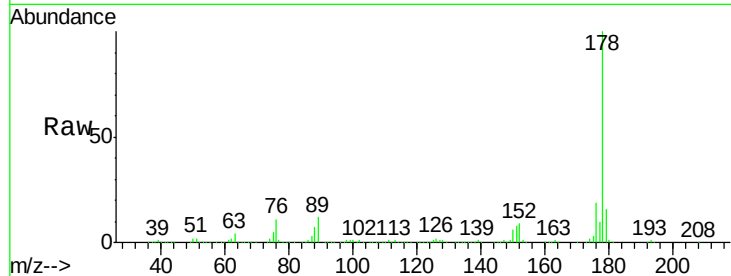
#71
 Anthracene
 Concen: 38.002 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

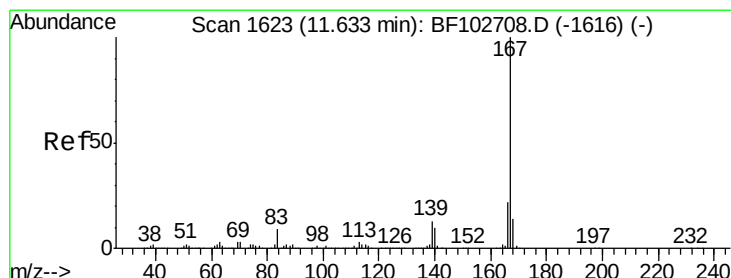
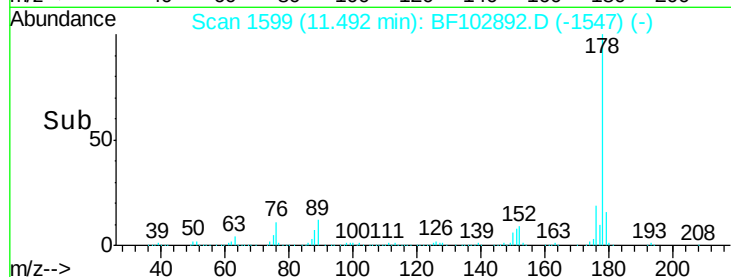
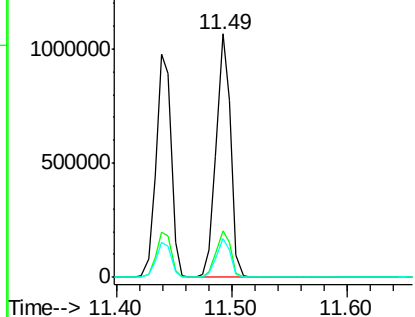
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.8	12.6	19.0

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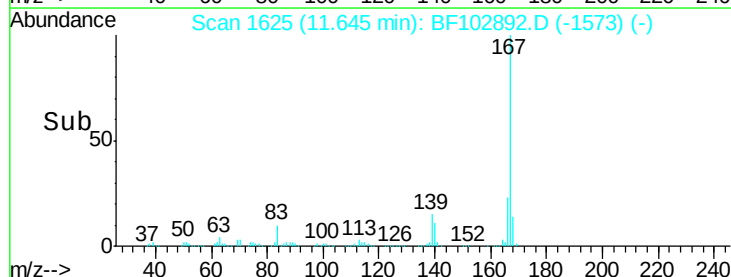
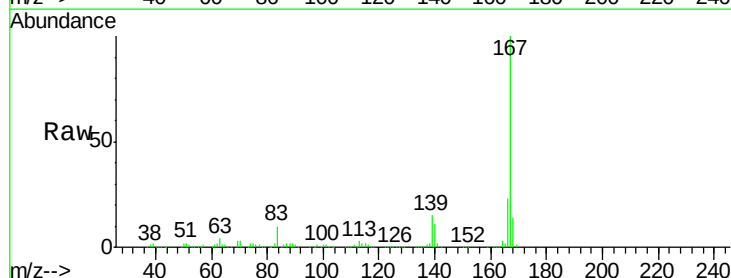
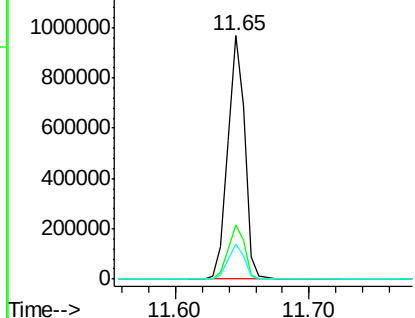
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

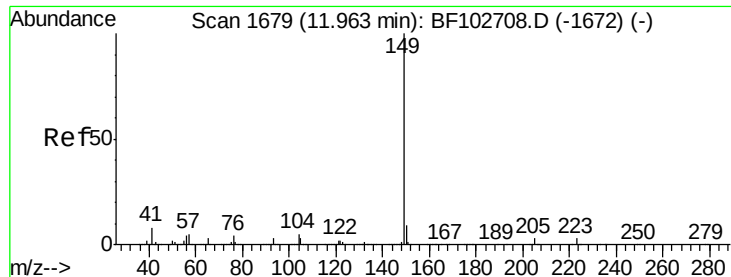


#72
 Carbazole
 Concen: 36.496 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.5	10.9	16.3

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.156 ng

RT: 11.97 min Scan# 1680

Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

ClientSampleId :

PB106115BS

Tot Ion:149 Resp: 1251663

Ion Ratio Lower Upper

149 100

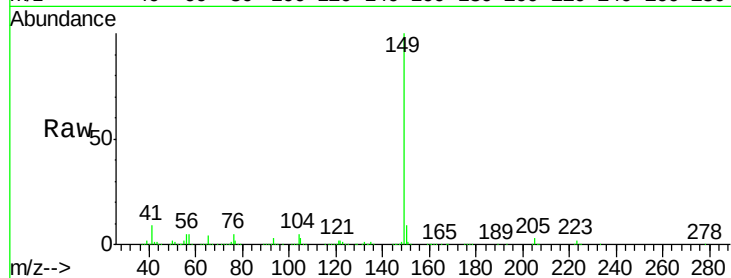
150 9.4 7.8 11.6

104 5.3 3.8 5.8

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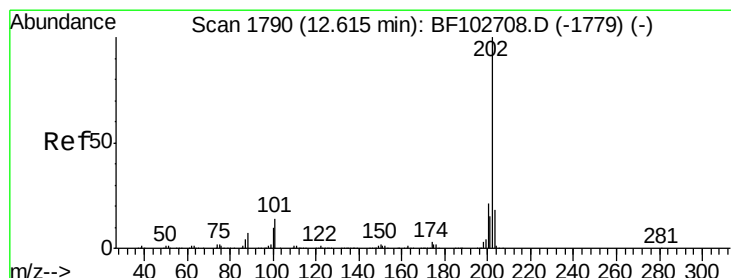
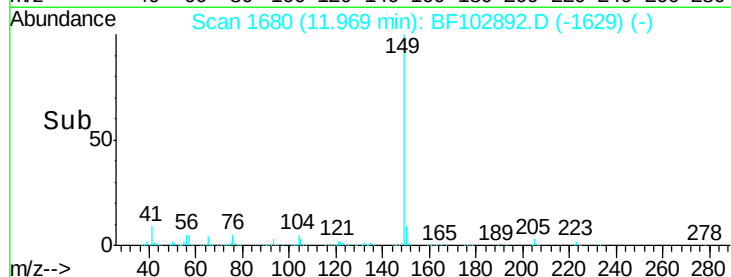
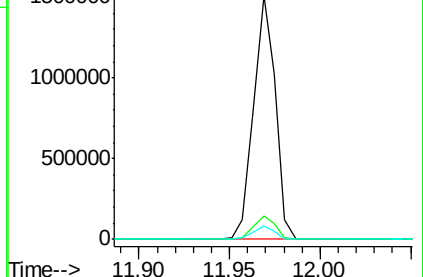
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.194 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

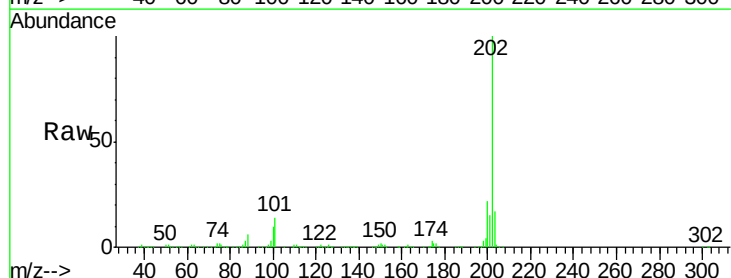
Tgt Ion:202 Resp: 848479

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

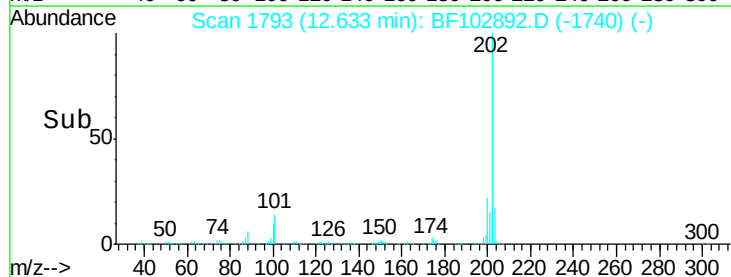
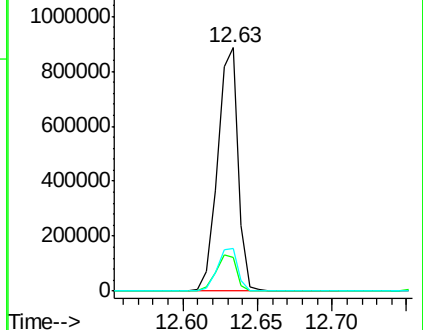
203 17.4 0.0 38.1

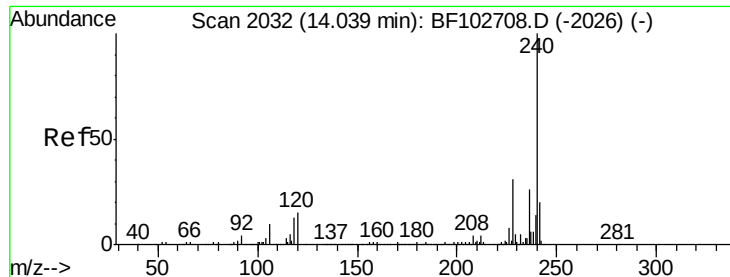


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

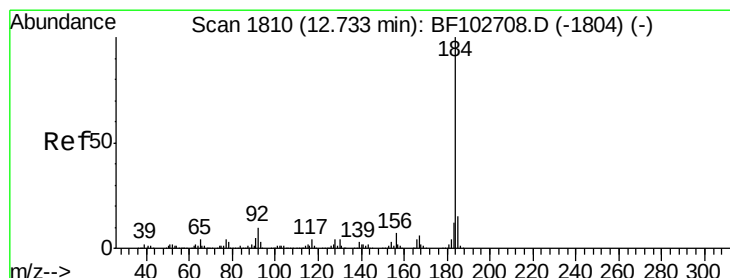
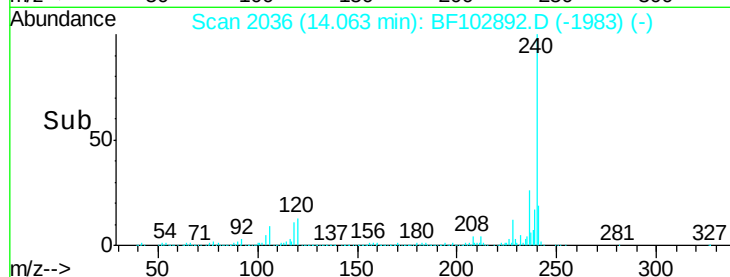
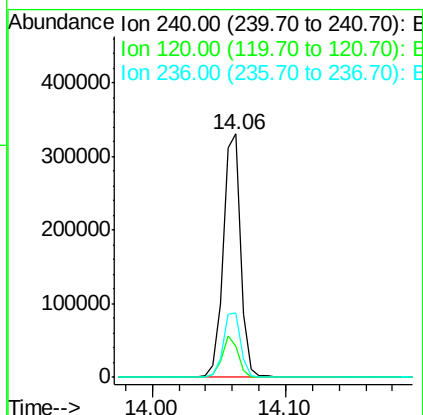
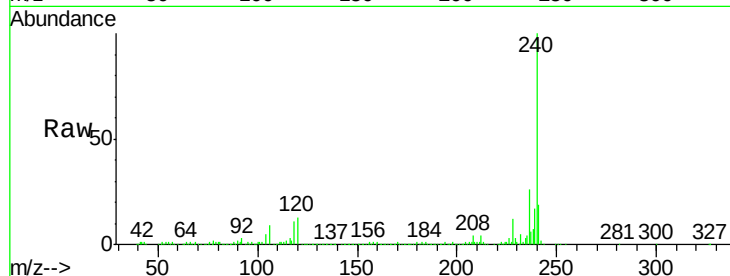
ClientSampleId :

PB106115BS

Tot Ion:	240	Resp:	305817
Ion Ratio		Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.3	20.7	31.1

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#76

Benzidine

Concen: 36.190 ng

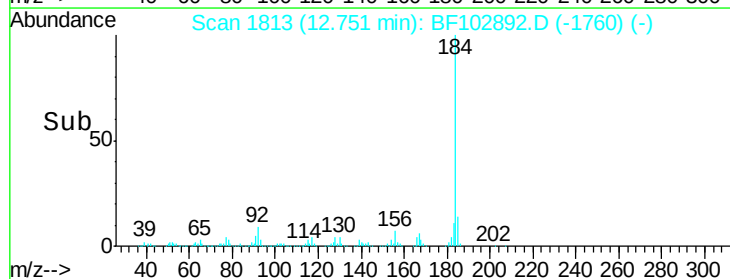
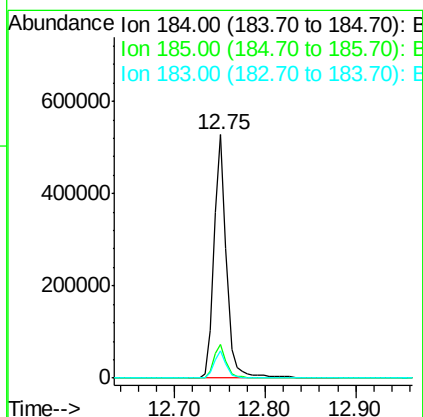
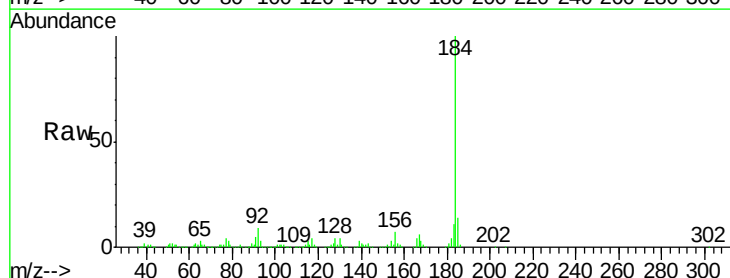
RT: 12.75 min Scan# 1813

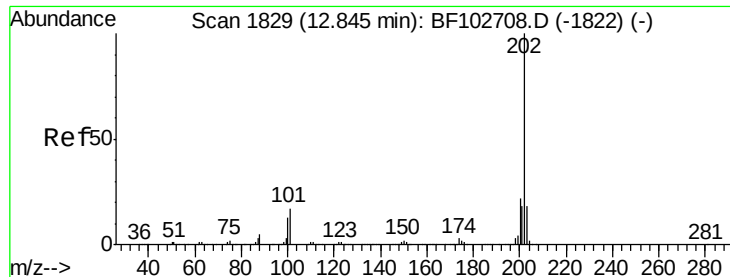
Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tgt Ion:	184	Resp:	508668
Ion Ratio		Lower	Upper
184	100		
185	13.9	12.6	18.8
183	11.4	9.3	13.9





#77

Pvrene

Concen: 36.180 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

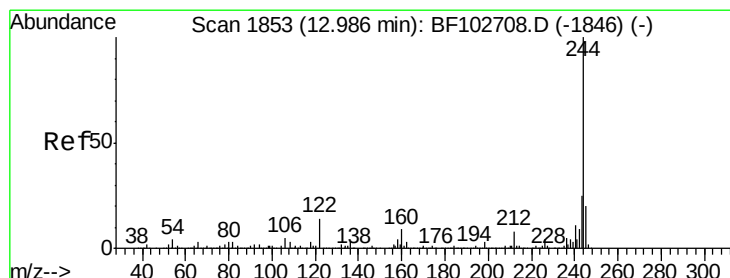
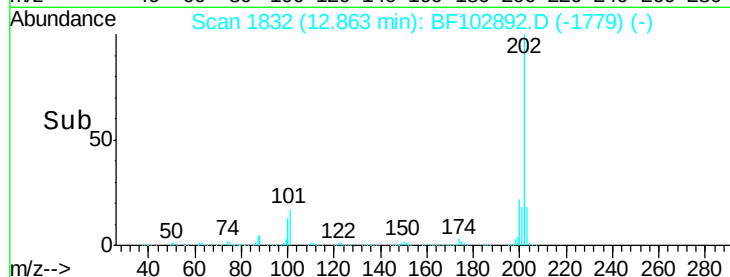
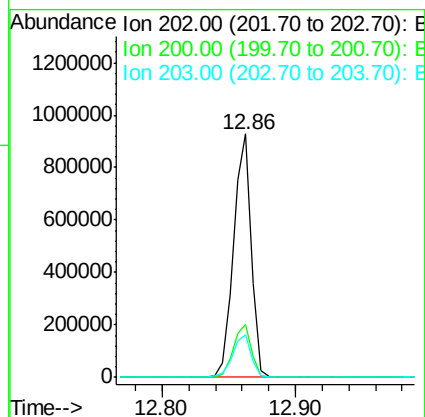
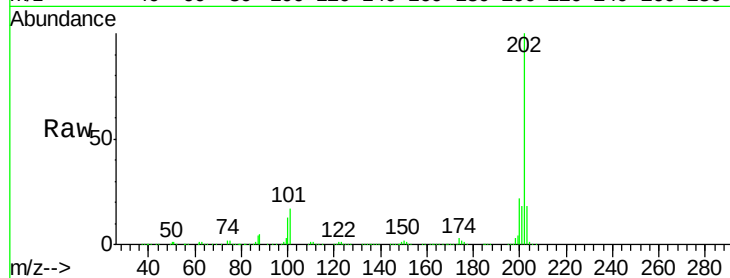
ClientSampleId :

PB106115BS

Tot Ion:	202	Resp:	867618
Ion Ratio		Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.6	14.3	21.5

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#78

Terphenyl-d14

Concen: 81.650 ng

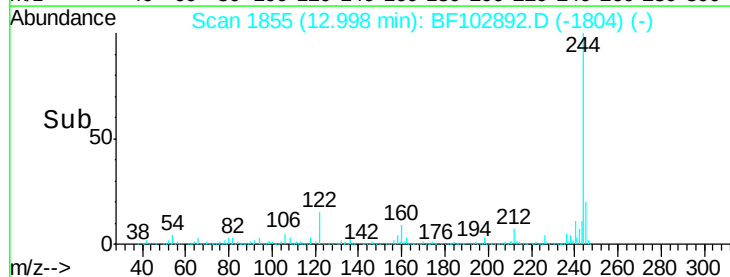
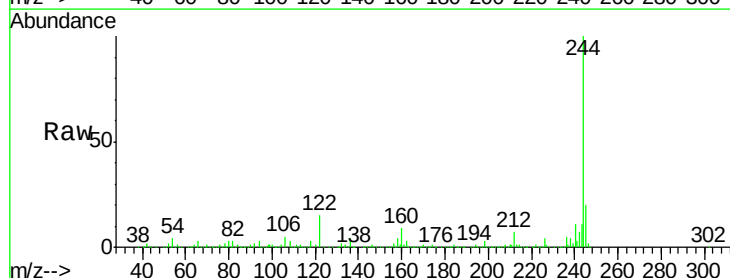
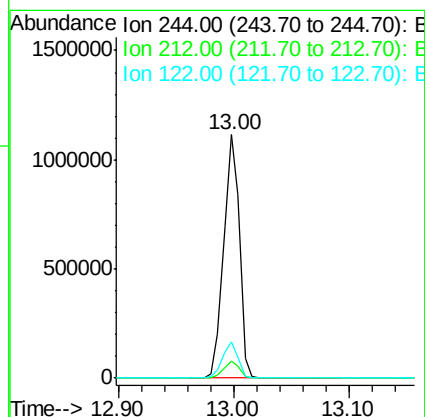
RT: 13.00 min Scan# 1855

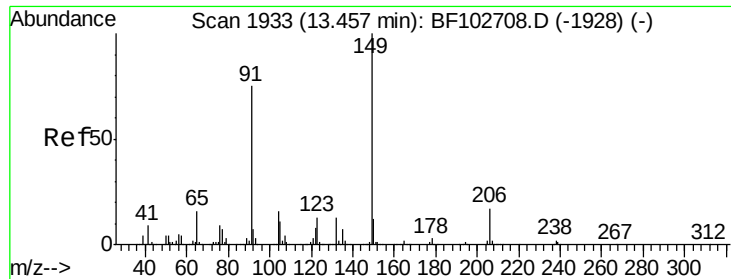
Delta R.T. 0.00 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tgt Ion:	244	Resp:	1054577
Ion Ratio		Lower	Upper
244	100		
212	7.1	5.4	8.0
122	15.0	11.0	16.4





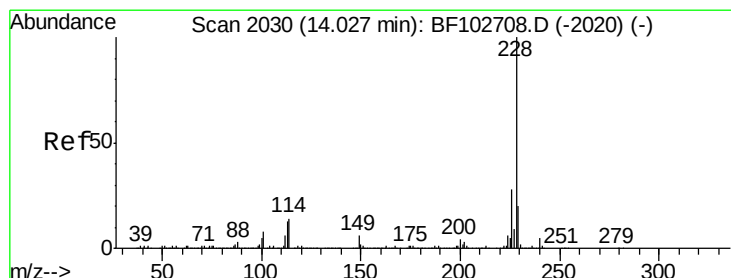
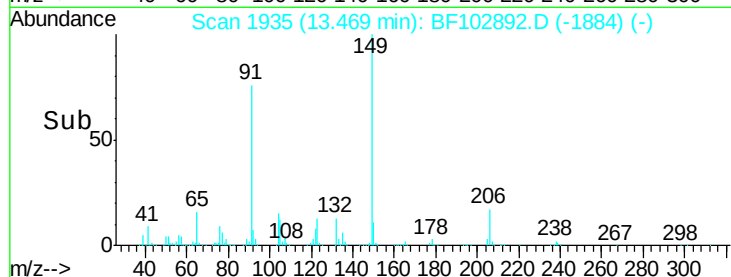
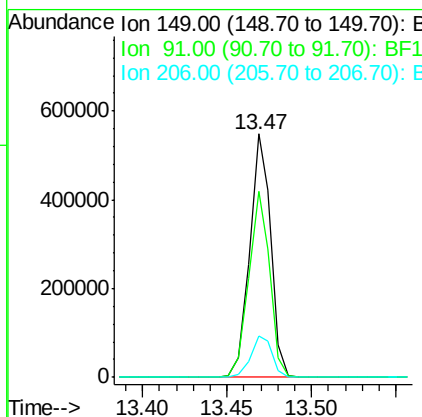
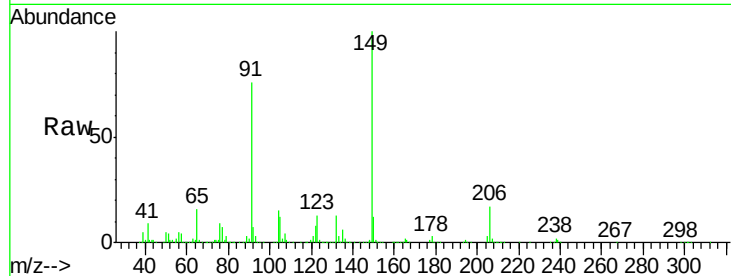
#79
Butylbenzylphthalate
Concen: 41.604 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.2	56.8	85.2
206	16.8	14.1	21.1

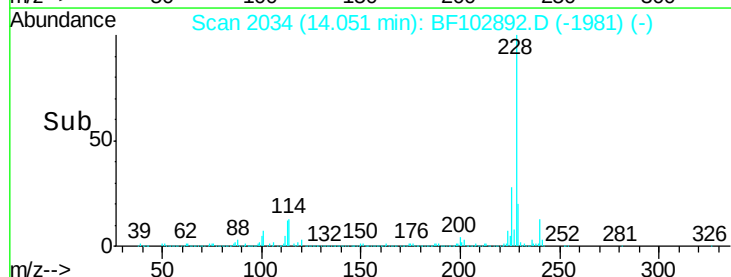
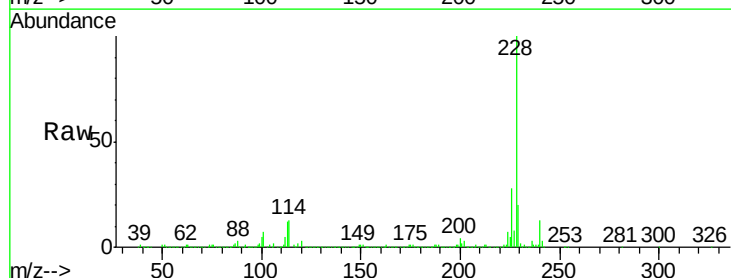
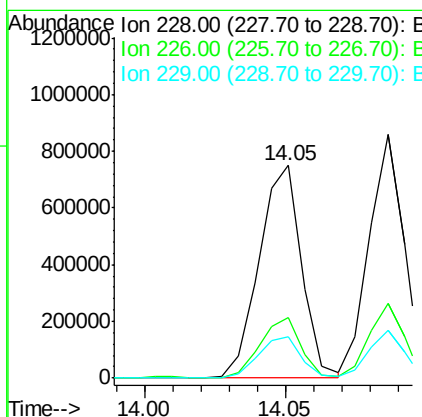
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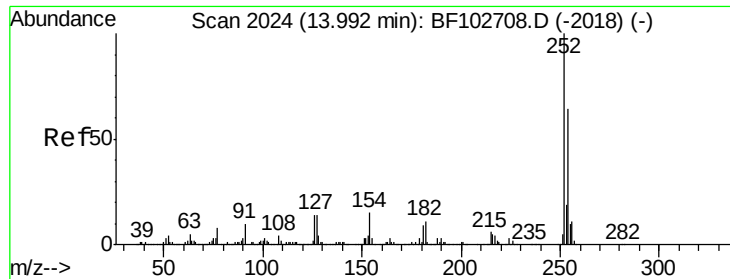
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#80
Benzo(a)anthracene
Concen: 40.546 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.6	15.8	23.6





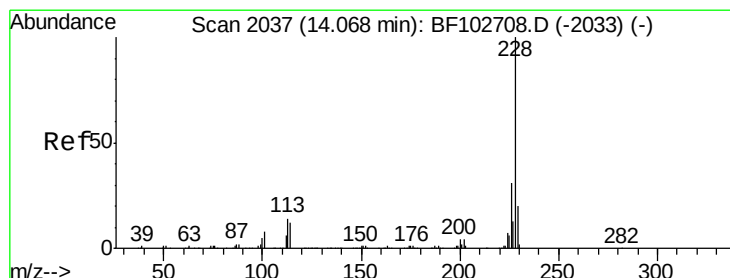
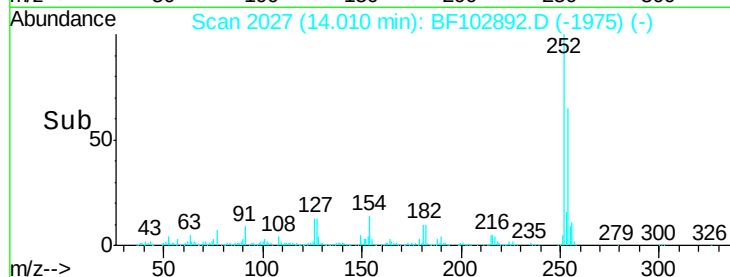
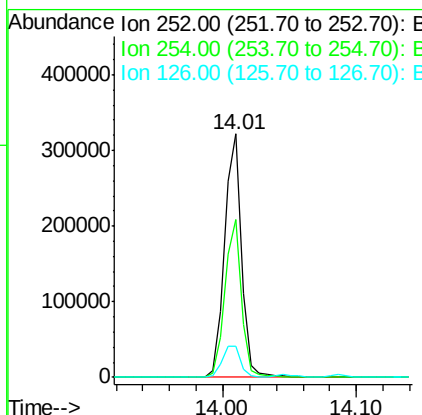
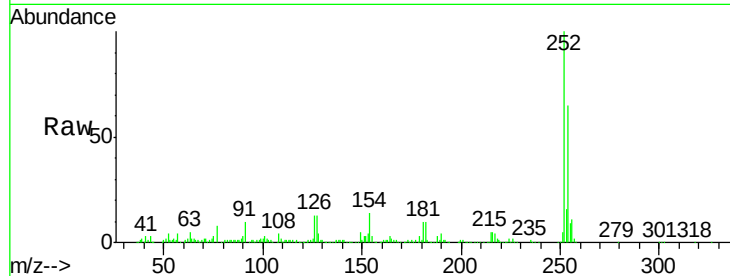
#81
 3,3'-Dichlorobenzidine
 Concen: 40.799 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	290947		
254	64.7	50.4	75.6	
126	12.9	11.3	16.9	

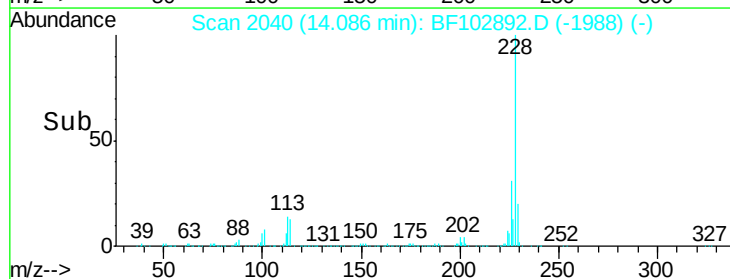
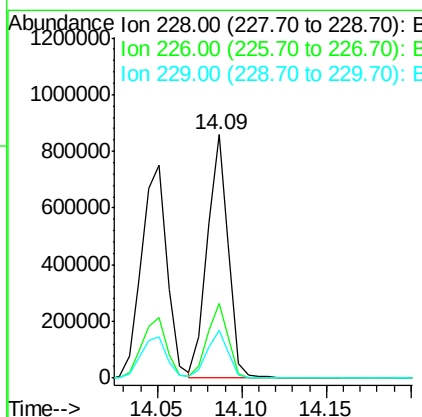
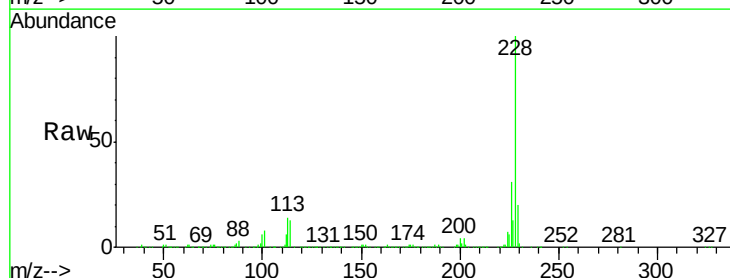
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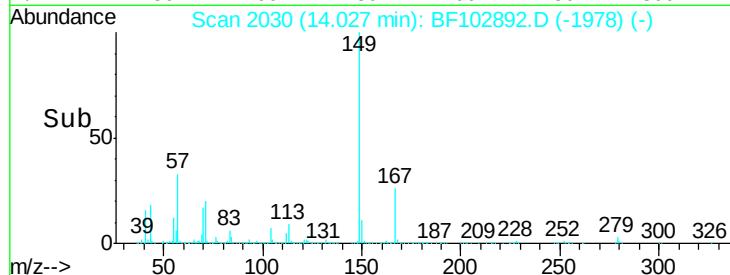
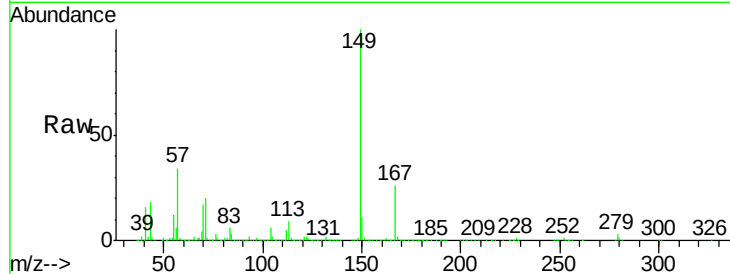
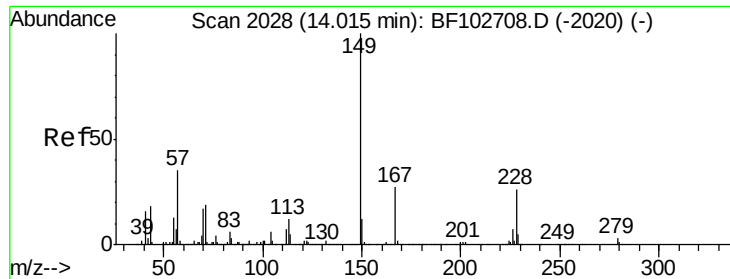
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#82
 Chrysene
 Concen: 38.108 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	738834		
226	30.8	25.0	37.6	
229	19.8	16.2	24.4	





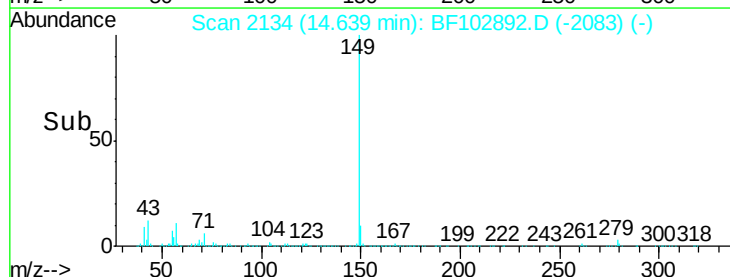
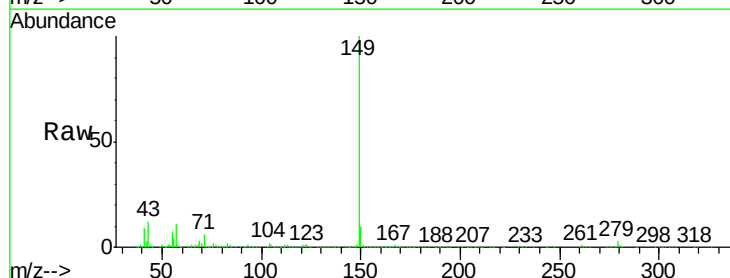
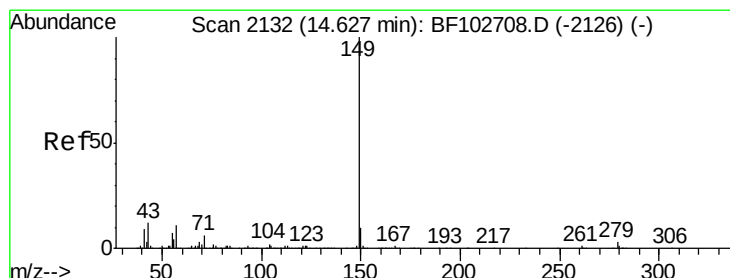
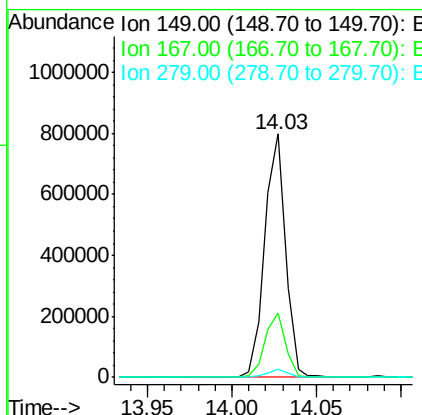
#83
Bis(2-ethylhexyl)phthalate
Concen: 46.337 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	3.1	3.0	4.4

Instrument :
BNA_F
ClientSampleId :
PB106115BS

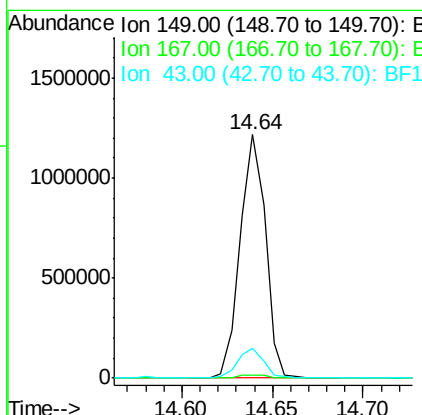
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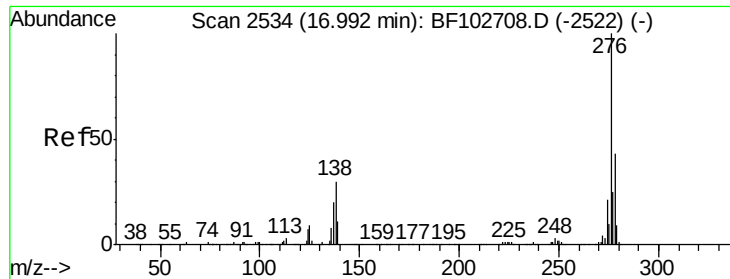
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#84
Di-n-octyl phthalate
Concen: 53.763 ng
RT: 14.64 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.0	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.887 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.04 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

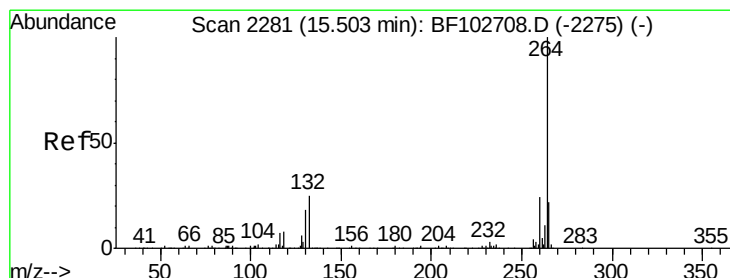
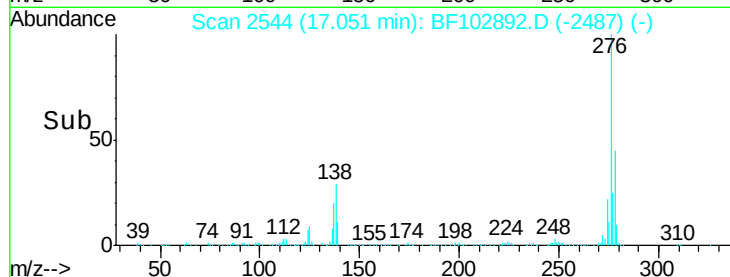
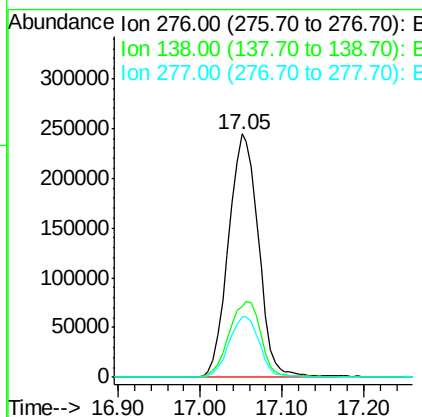
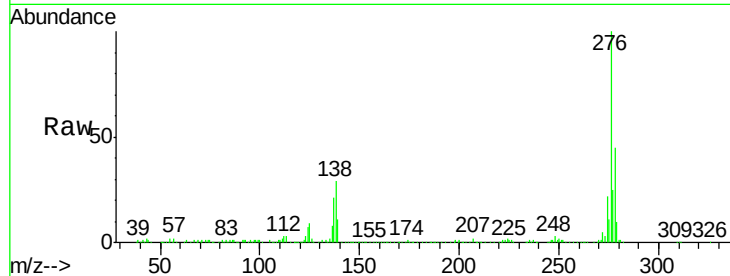
ClientSampleId :

PB106115BS

Tot Ion:	276	Resp:	625304
Ion Ratio	Lower	Upper	
276	100		
138	33.7	25.0	37.6
277	25.5	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

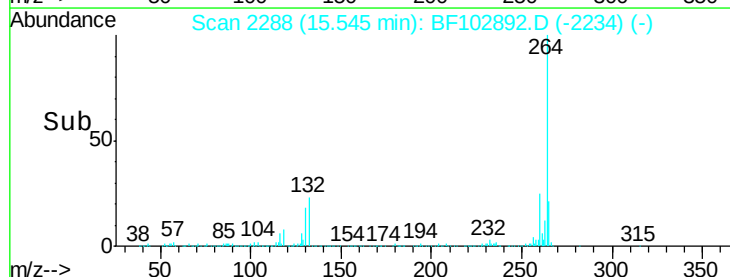
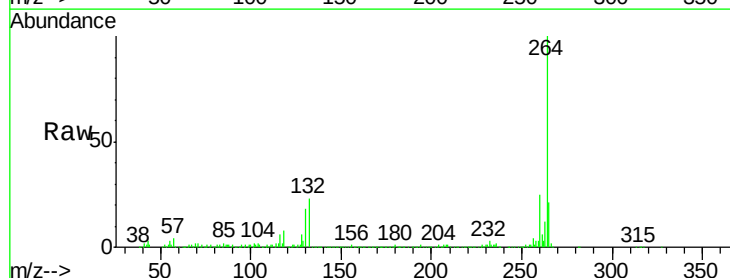
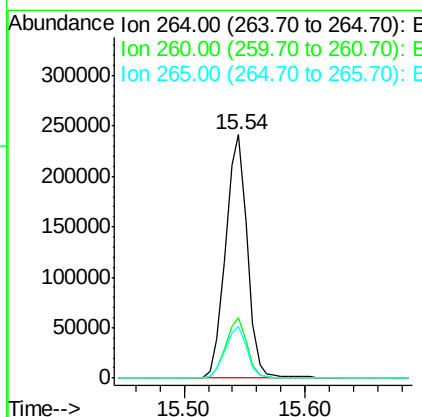
RT: 15.54 min Scan# 2288

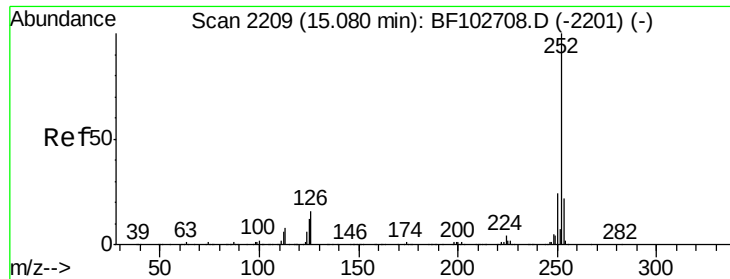
Delta R.T. 0.02 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tgt Ion:	264	Resp:	300935
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.2	28.8
265	20.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 40.098 ng

RT: 15.11 min Scan# 2214

Delta R.T. 0.02 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Instrument :

BNA_F

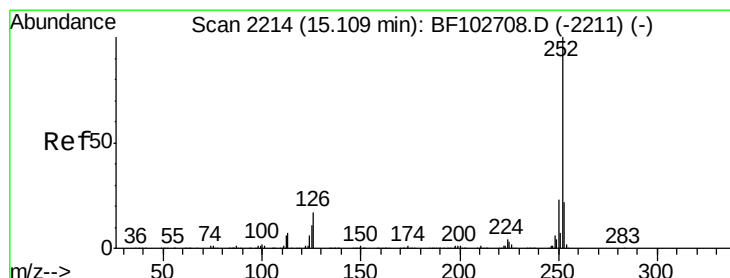
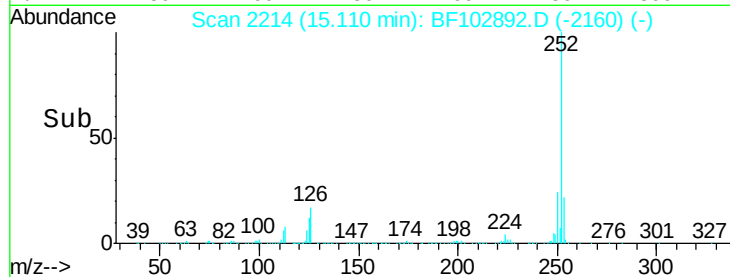
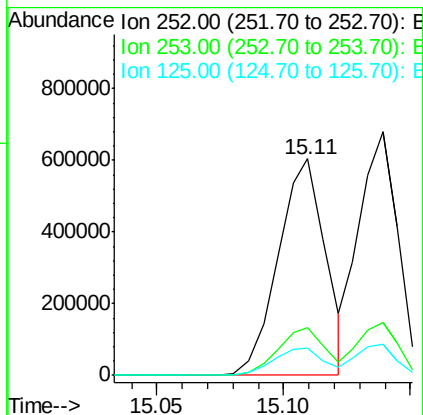
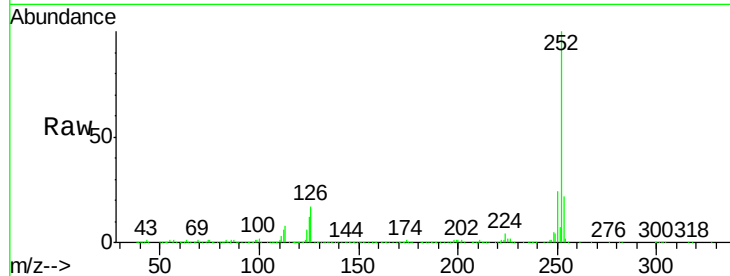
ClientSampleId :

PB106115BS

Tot Ion:	252	Resp:	782338
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	12.4	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 39.779 ng

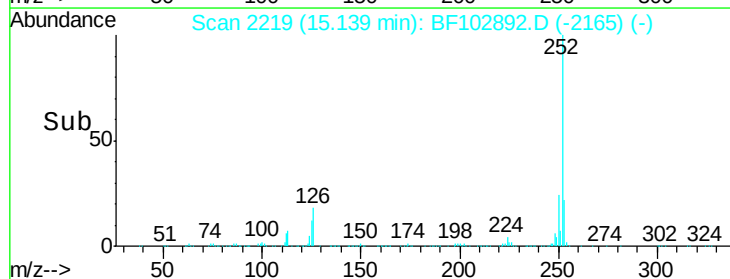
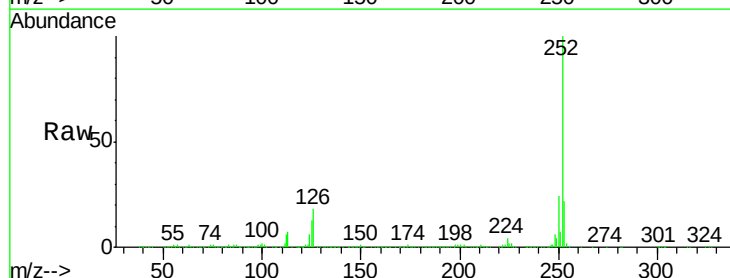
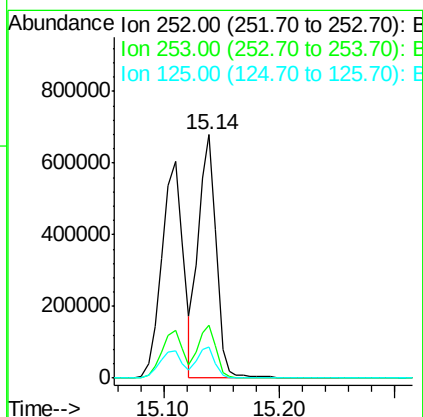
RT: 15.14 min Scan# 2219

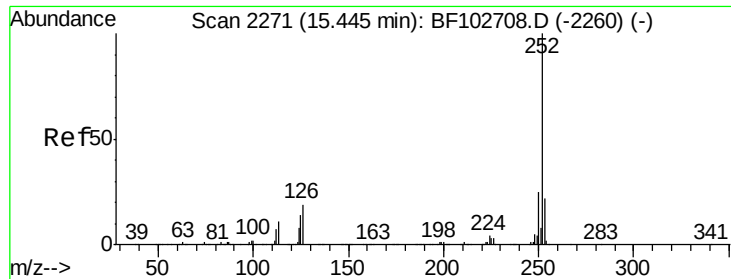
Delta R.T. 0.02 min

Lab File: BF102892.D

Acq: 9 Feb 2018 16:48

Tgt Ion:	252	Resp:	741564
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	12.6	10.2	15.2





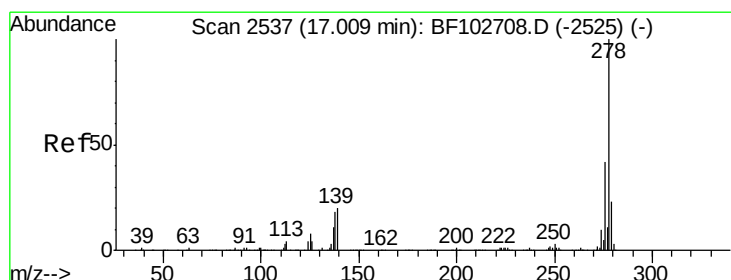
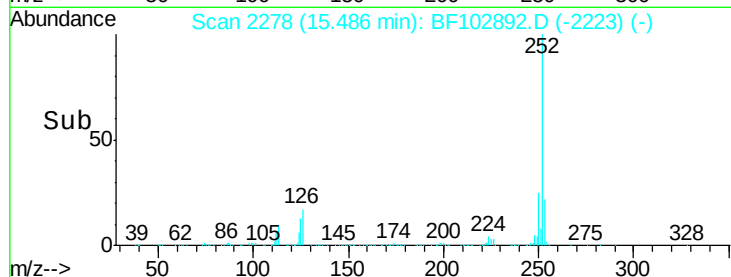
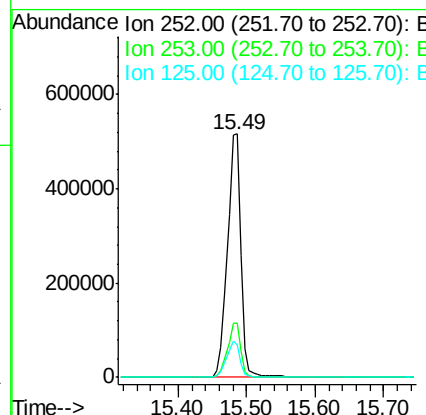
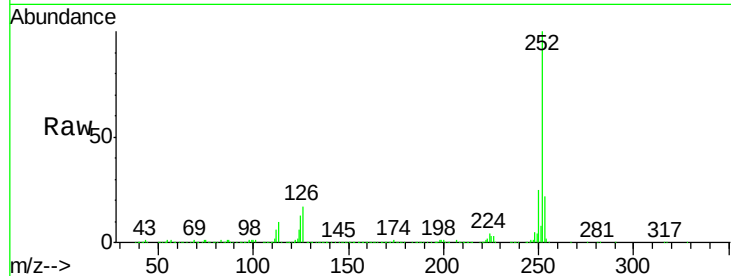
#89
Benzo(a)pyrene
Concen: 40.492 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	13.2	9.8	14.6

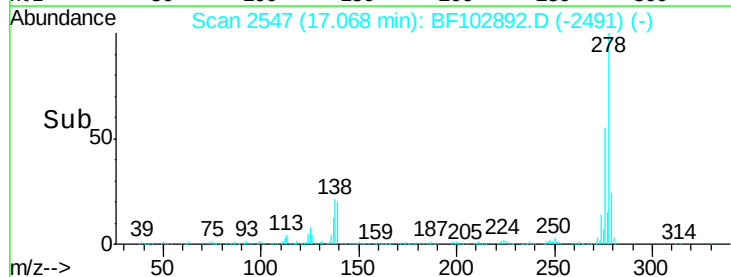
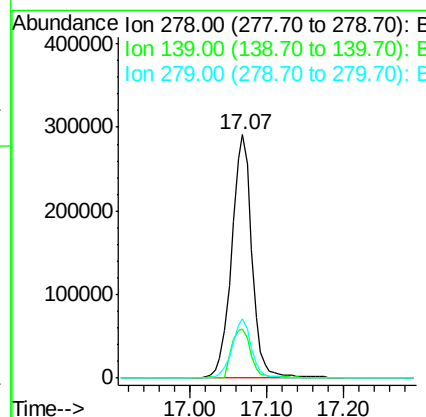
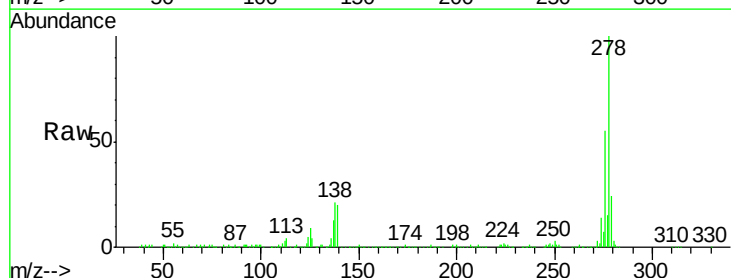
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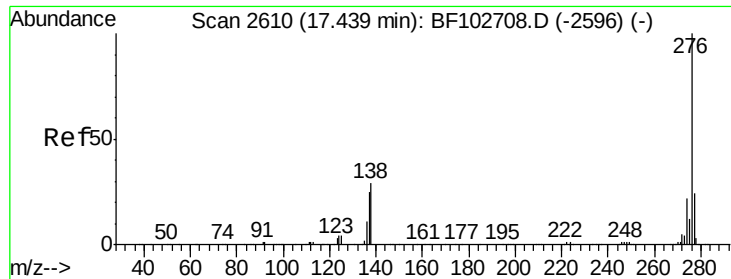
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#90
Dibenzo(a,h)anthracene
Concen: 37.823 ng
RT: 17.07 min Scan# 2547
Delta R.T. 0.03 min
Lab File: BF102892.D
Acq: 9 Feb 2018 16:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.9	23.9
279	24.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.083 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. 0.04 min
 Lab File: BF102892.D
 Acq: 9 Feb 2018 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	28.9	21.8	32.8

Manual Integrations
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