

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103516.D
 Acq On : 8 Mar 2018 15:08
 Operator : SJ/JU
 Sample : PB107144BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107144BS

Manual Integrations
 APPROVED

Sohil
 3/9/2018 11:39:22 AM

Quant Time: Mar 08 16:24:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	138006	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	577677	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	263185	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	445825	20.00	ng	0.00
75) Chrysene-d12	14.06	240	294759	20.00	ng	0.00
86) Perylene-d12	15.56	264	257968	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	886090	97.11	ng	0.00
7) Phenol-d6	6.50	99	1053130	94.32	ng	0.00
23) Nitrobenzene-d5	7.43	82	702659	69.46	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	185747	83.38	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1026722	63.13	ng	0.00
78) Terphenyl-d14	12.98	244	911602	74.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	123312	25.587	ng	97
3) Pyridine	3.52	79	332795m	25.866	ng	
4) n-Nitrosodimethylamine	3.45	42	159903m	30.816	ng	
6) Aniline	6.53	93	286449	17.776	ng	# 71
8) 2-Chlorophenol	6.65	128	291123	30.712	ng	92
9) Benzaldehyde	6.42	77	170875	22.141	ng	99
10) Phenol	6.52	94	381787	29.454	ng	91
11) bis(2-Chloroethyl)ether	6.60	93	289454	29.423	ng	95
12) 1,3-Dichlorobenzene	6.80	146	301011	27.788	ng	96
13) 1,4-Dichlorobenzene	6.88	146	322677	29.711	ng	99
14) 1,2-Dichlorobenzene	7.03	146	278748	27.835	ng	99
15) Benzyl Alcohol	7.01	79	236753	28.139	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	460703	27.271	ng	72
17) 2-Methylphenol	7.12	107	241338	28.016	ng	# 89
18) Hexachloroethane	7.36	117	116529	29.474	ng	# 89
19) n-Nitroso-di-n-propylamine	7.27	70	218485	31.441	ng	92
20) 3+4-Methylphenols	7.28	107	318468	30.328	ng	# 64
22) Acetophenone	7.27	105	413548	30.670	ng	# 91
24) Nitrobenzene	7.45	77	346736	31.133	ng	95
25) Isophorone	7.68	82	630945	31.670	ng	94
26) 2-Nitrophenol	7.77	139	165648	31.595	ng	95
27) 2,4-Dimethylphenol	7.80	122	276619	34.517	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	385770	32.935	ng	98
29) 2,4-Dichlorophenol	8.02	162	248463	32.383	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	236319	28.923	ng	99
31) Naphthalene	8.17	128	830041	29.349	ng	99
32) Benzoic acid	7.93	122	75947	17.848	ng	95
33) 4-Chloroaniline	8.23	127	188428	15.439	ng	97
34) Hexachlorobutadiene	8.27	225	114618	26.939	ng	97
35) Caprolactam	8.59	113	77371	28.692	ng	# 76
36) 4-Chloro-3-methylphenol	8.71	107	271856	31.413	ng	96
37) 2-Methylnaphthalene	8.86	142	564228	30.869	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	201158	27.958	ng	99
40) Hexachlorocyclopentadiene	9.00	237	45840	24.950	ng	98

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
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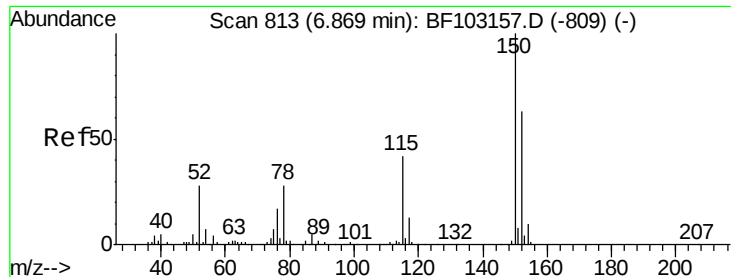
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Quant Time: Mar 08 16:24:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	132351	27.338	ng	100
43) 2,4,5-Trichlorophenol	9.20	196	140990	25.320	ng	97
45) 1,1'-Biphenyl	9.32	154	624203	28.304	ng	98
46) 2-Chloronaphthalene	9.35	162	492592	28.233	ng	98
47) 2-Nitroaniline	9.46	65	198954	30.784	ng	84
48) Acenaphthylene	9.77	152	764564	28.481	ng	99
49) Dimethylphthalate	9.62	163	565138	26.767	ng	99
50) 2,6-Dinitrotoluene	9.70	165	125032	28.220	ng	92
51) Acenaphthene	9.94	154	444995	28.428	ng	100
52) 3-Nitroaniline	9.87	138	112581	20.028	ng #	99
53) 2,4-Dinitrophenol	10.00	184	29845	26.027	ng #	23
54) Dibenzofuran	10.11	168	624603	29.067	ng	95
55) 4-Nitrophenol	10.06	139	124556	35.752	ng #	87
56) 2,4-Dinitrotoluene	10.11	165	152904	27.287	ng #	70
57) Fluorene	10.46	166	510547	27.891	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	99403	26.574	ng #	96
59) Diethylphthalate	10.32	149	561242	27.794	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	223103	28.741	ng	95
61) 4-Nitroaniline	10.49	138	149068	26.550	ng	97
62) Azobenzene	10.60	77	639134	31.095	ng	95
64) 4,6-Dinitro-2-methylphenol	10.53	198	36548	17.030	ng #	80
65) n-Nitrosodiphenylamine	10.56	169	458536	29.539	ng	100
66) 4-Bromophenyl-phenylether	10.93	248	130539	28.108	ng	98
67) Hexachlorobenzene	11.01	284	132993	26.383	ng	95
68) Atrazine	11.09	200	141633	30.356	ng	99
69) Pentachlorophenol	11.21	266	70048	28.740	ng	99
70) Phenanthrene	11.42	178	718061	29.267	ng	99
71) Anthracene	11.47	178	768234	30.535	ng	100
72) Carbazole	11.64	167	744751	29.725	ng	99
73) Di-n-butylphthalate	11.95	149	948632	30.259	ng	99
74) Fluoranthene	12.62	202	731653	29.676	ng	98
76) Benzidine	12.75	184	422040	38.299	ng	99
77) Pyrene	12.85	202	730008	31.765	ng	99
79) Butylbenzylphthalate	13.45	149	396876	32.687	ng	97
80) Benzo(a)anthracene	14.05	228	537258	28.092	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	154711	22.667	ng	99
82) Chrysene	14.08	228	533360	28.722	ng	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	493369	30.111	ng #	98
84) Di-n-octyl phthalate	14.62	149	811700	30.661	ng	97
85) Indeno(1,2,3-cd)pyrene	17.10	276	478192	32.527	ng	98
87) Benzo(b)fluoranthene	15.11	252	482563	28.451	ng	98
88) Benzo(k)fluoranthene	15.14	252	439121	27.494	ng	99
89) Benzo(a)pyrene	15.49	252	441492	29.148	ng #	96
90) Dibenzo(a,h)anthracene	17.10	278	396285	33.860	ng	99
91) Benzo(g,h,i)perylene	17.56	276	409288	35.781	ng	99

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



#1

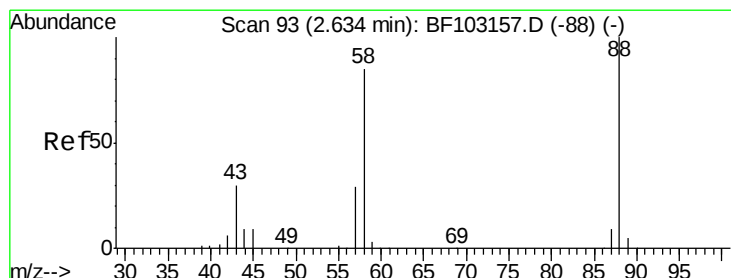
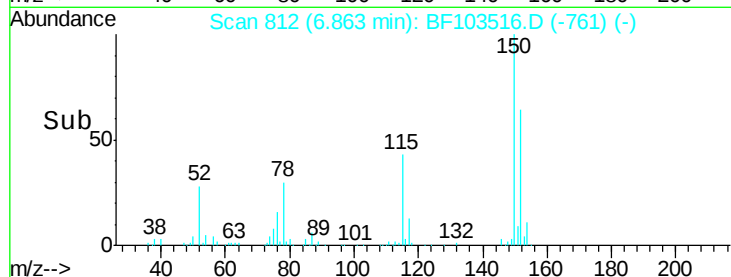
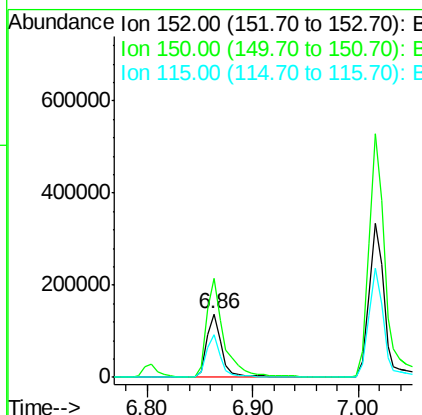
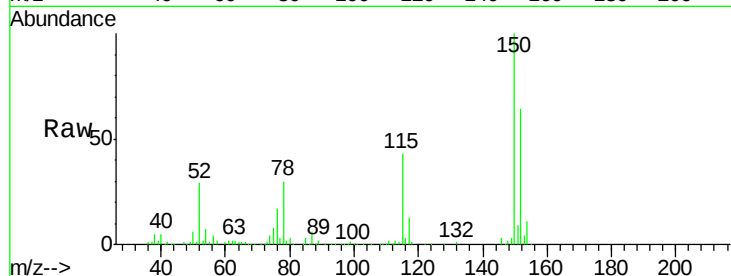
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	66.9	50.1	75.1

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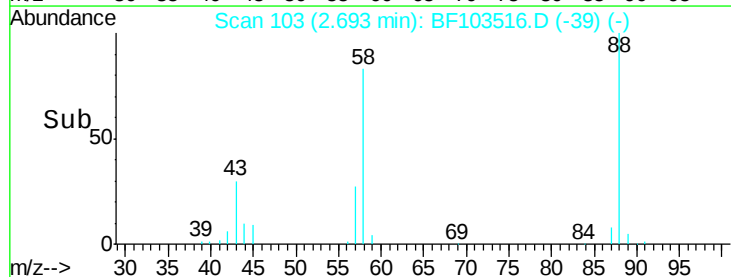
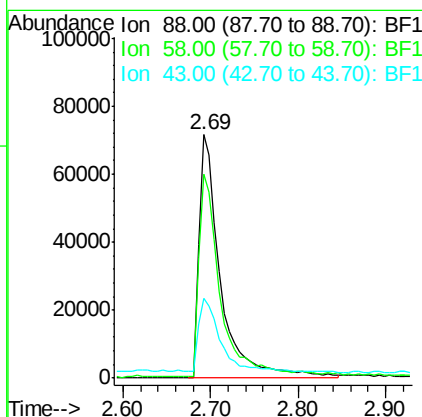
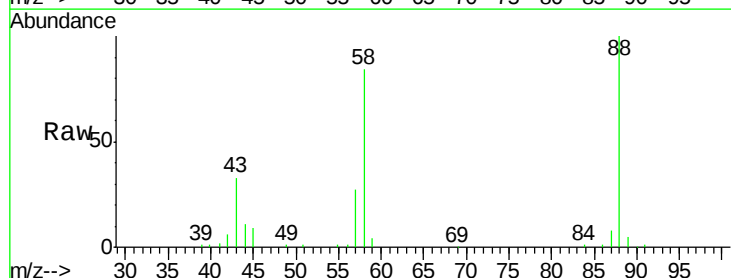
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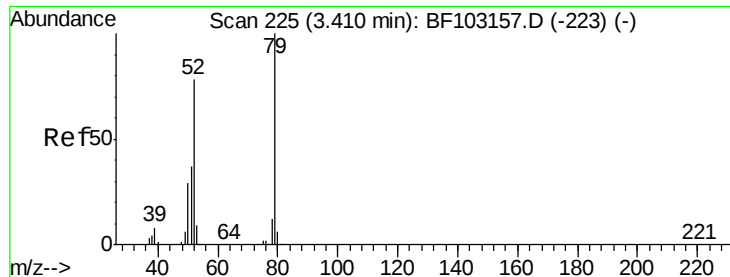


#2

1,4-Dioxane
Concen: 25.587 ng
RT: 2.69 min Scan# 103
Delta R.T. 0.08 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.1	62.6	93.8
43	31.8	24.6	37.0





#3

Pvridine

Concen: 25.866 ng m

RT: 3.52 min Scan# 243

Delta R.T. 0.10 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Instrument :

BNA_F

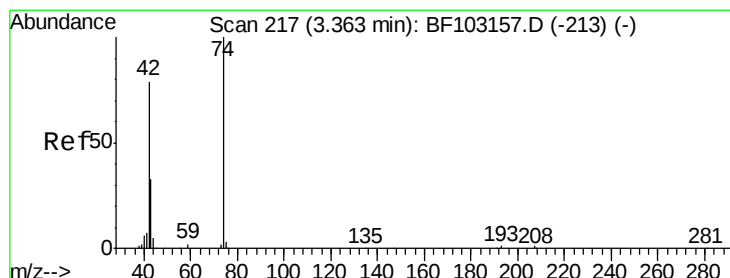
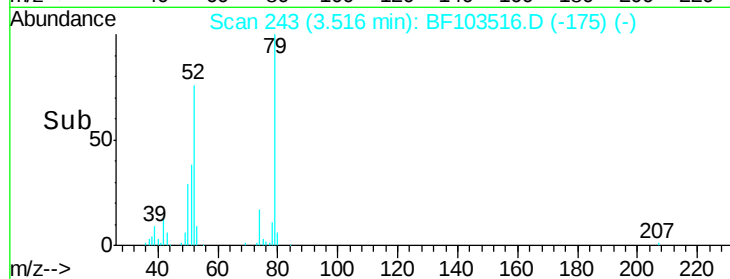
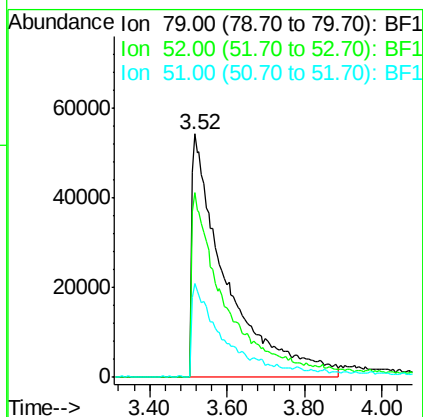
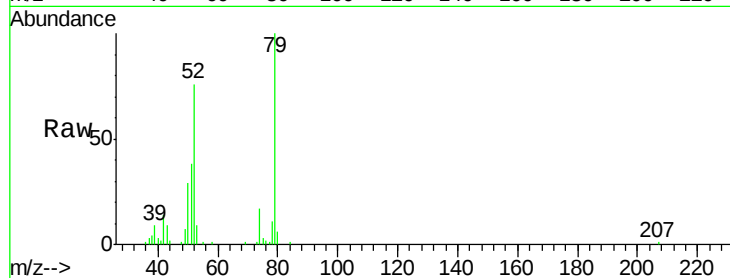
ClientSampleId :

PB107144BS

Tot Ion:	79	Resp:	332795
Ion Ratio	Lower	Upper	
79	100		
52	75.7	59.8	89.6
51	38.4	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 30.816 ng m

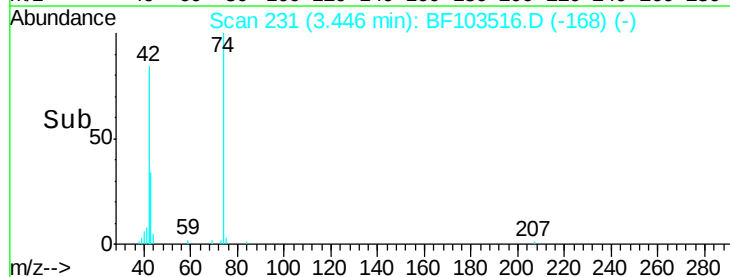
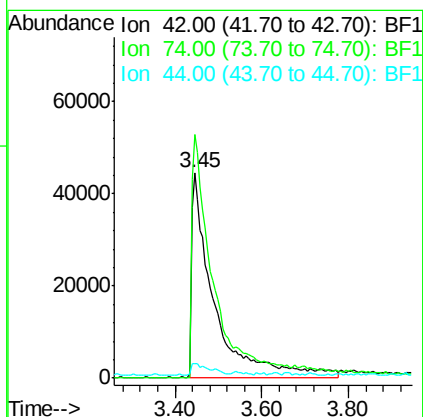
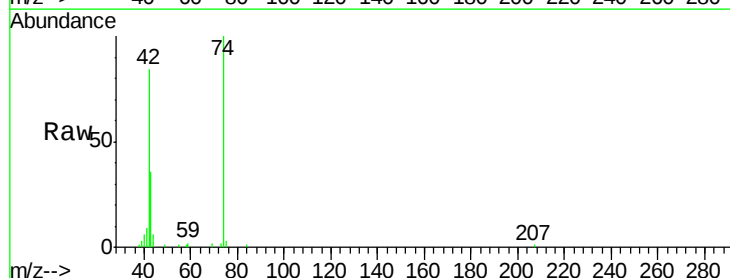
RT: 3.45 min Scan# 231

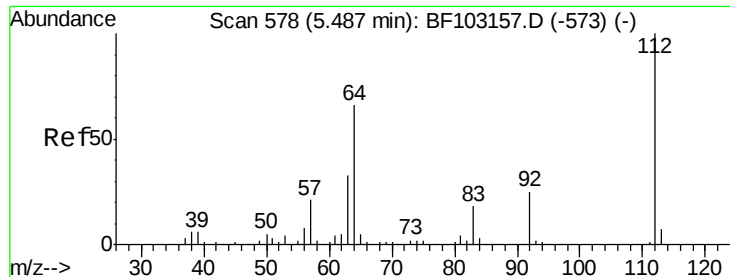
Delta R.T. 0.07 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Tgt Ion:	42	Resp:	159903
Ion Ratio	Lower	Upper	
42	100		
74	118.5	104.9	157.3
44	7.2	6.9	10.3





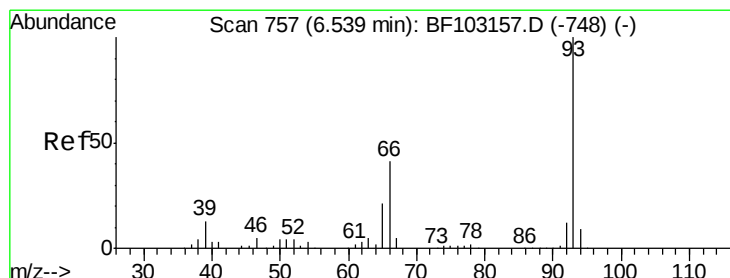
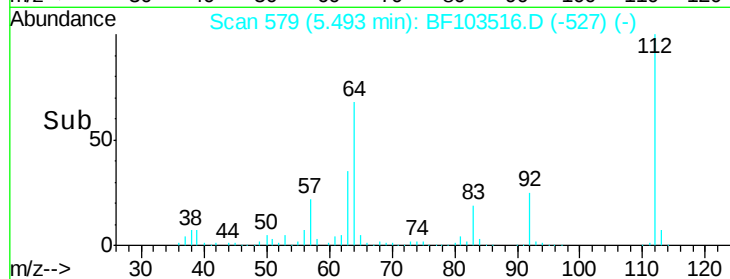
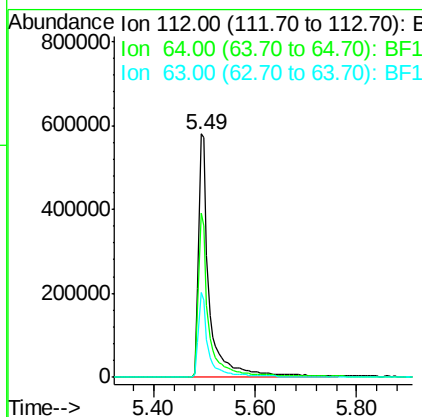
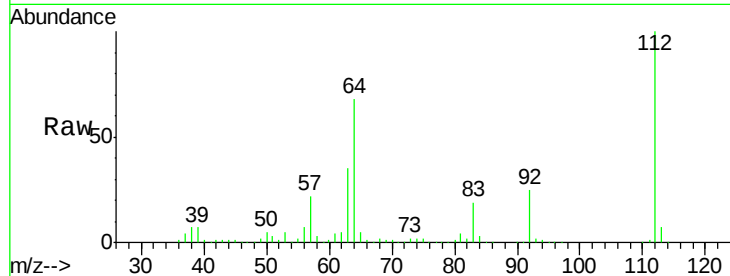
#5
2-Fluorophenol
Concen: 97.108 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	886090		
64	67.6	47.9	71.9	
63	35.0	23.7	35.5	

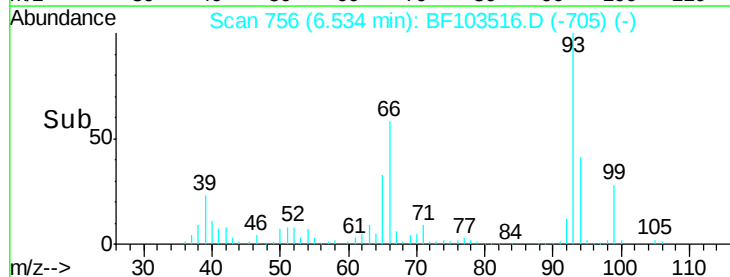
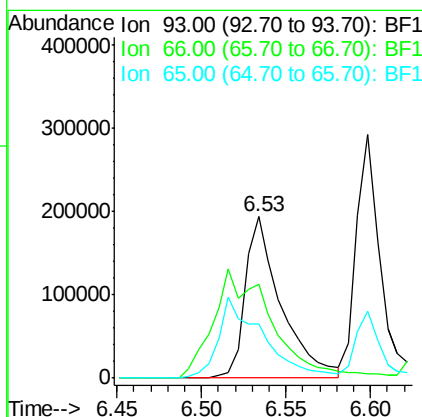
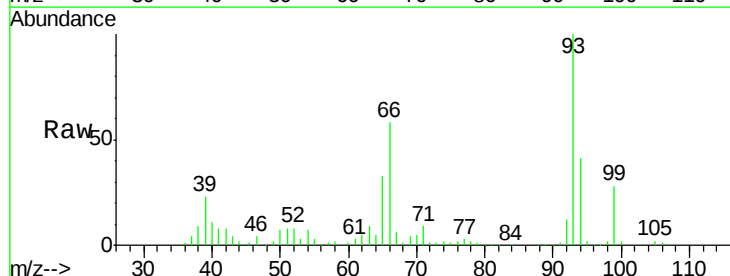
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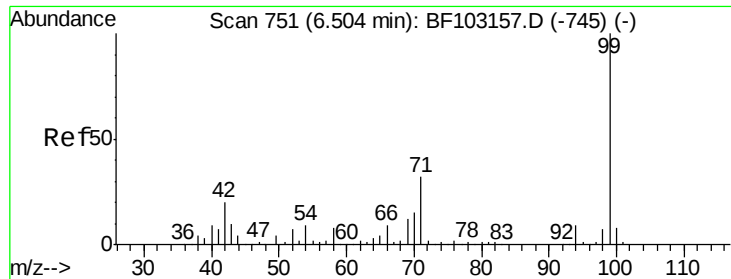
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#6
Aniline
Concen: 17.776 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	286449		
66	58.5	32.2	48.2#	
65	33.2	16.4	24.6#	





#7

Phenol-d6

Concen: 94.320 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Instrument :

BNA_F

ClientSampleId :

PB107144BS

Tot Ion: 99 Resp: 1053130

Ion Ratio Lower Upper

99 100

42 21.1 14.5 21.7

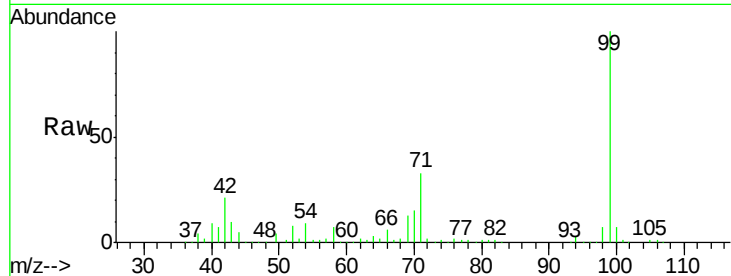
71 32.8 25.4 38.0

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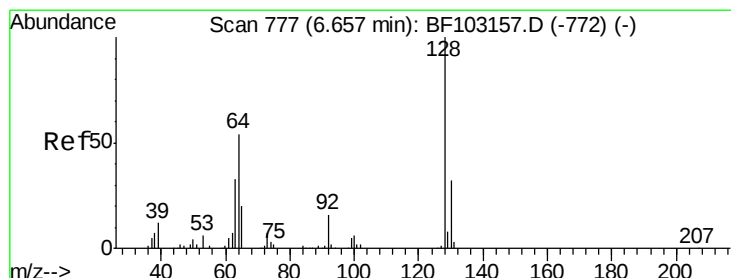
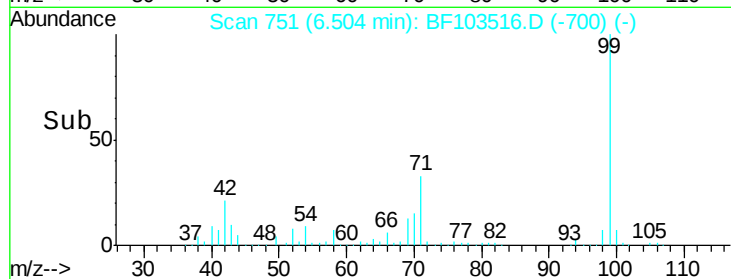
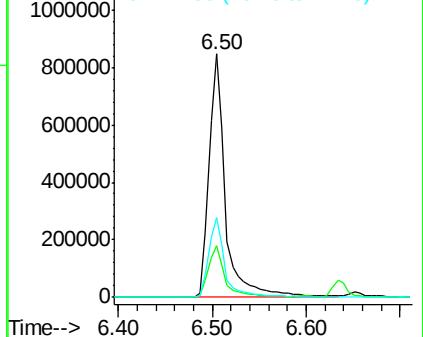
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 30.712 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

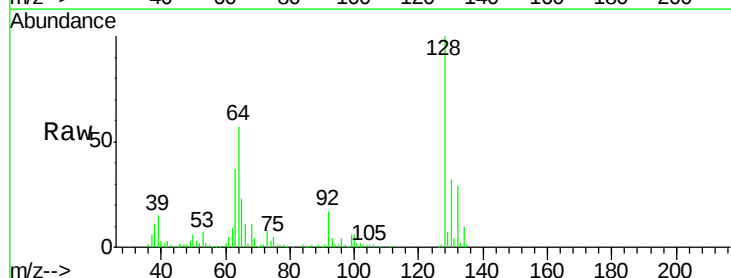
Tgt Ion: 128 Resp: 291123

Ion Ratio Lower Upper

128 100

130 31.6 13.0 53.0

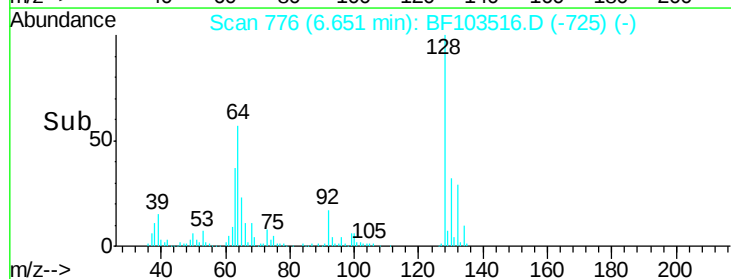
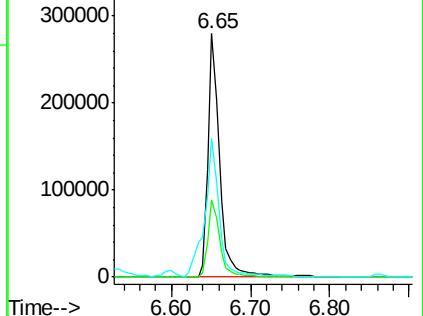
64 56.8 29.4 69.4

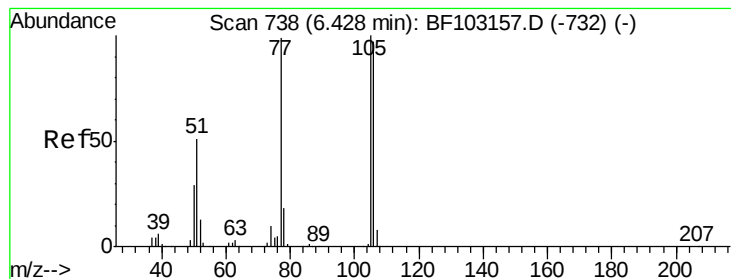


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 22.141 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Instrument :

BNA_F

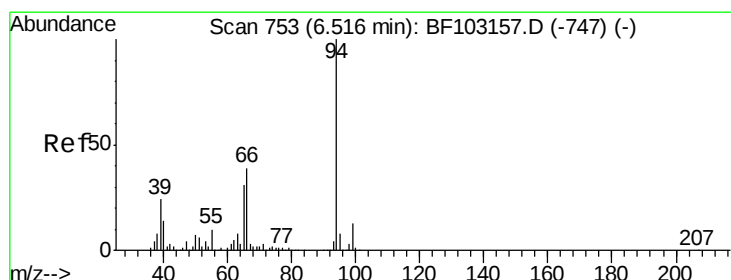
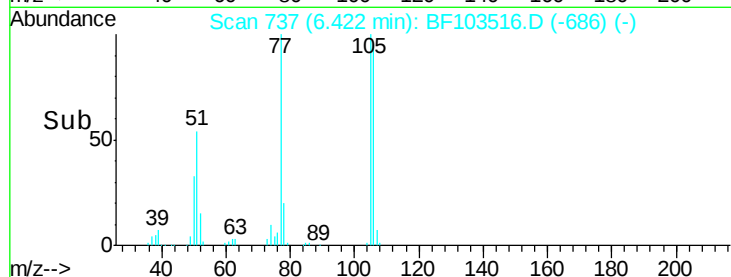
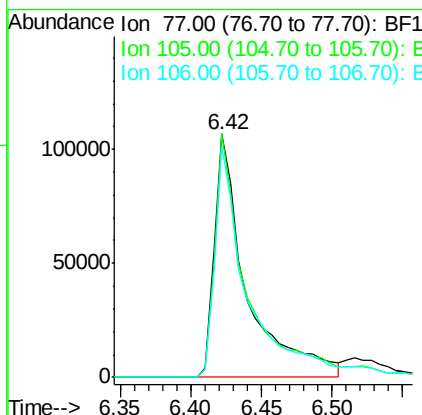
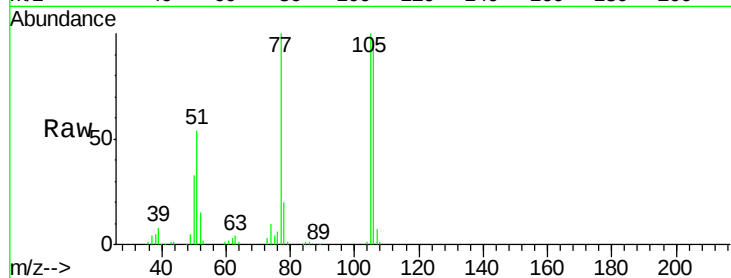
ClientSampleId :

PB107144BS

Tot Ion:	77	Resp:	170875
Ion	Ratio	Lower	Upper
77	100		
105	100.0	81.1	121.1
106	95.0	74.5	114.5

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#10

Phenol

Concen: 29.454 ng

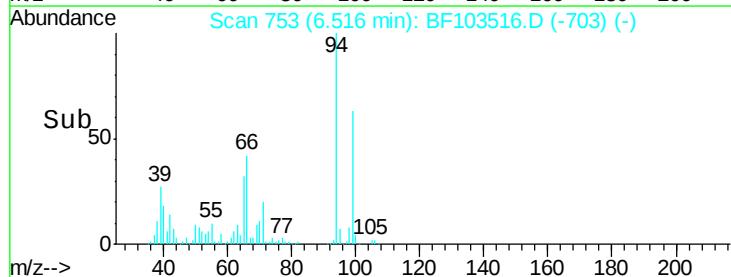
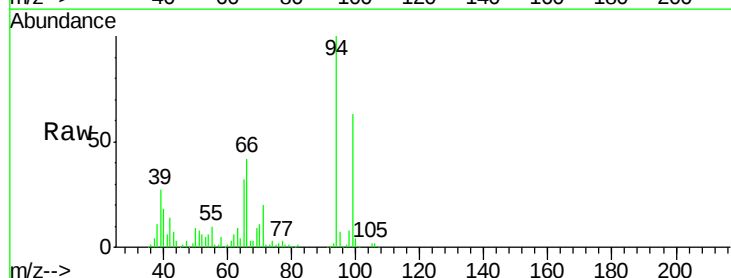
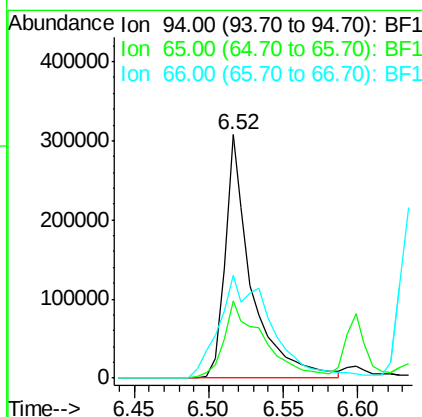
RT: 6.52 min Scan# 753

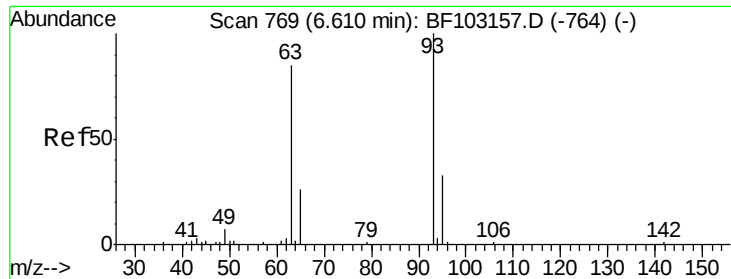
Delta R.T. -0.01 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Tgt Ion:	94	Resp:	381787
Ion	Ratio	Lower	Upper
94	100		
65	31.6	7.9	47.9
66	42.4	16.2	56.2





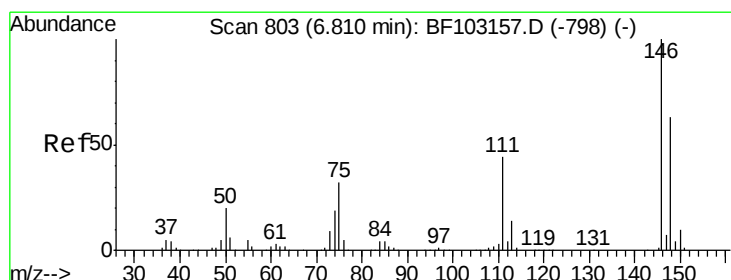
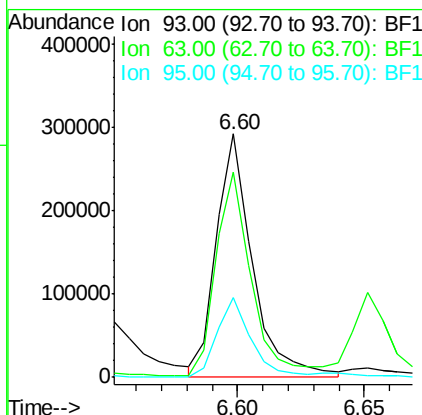
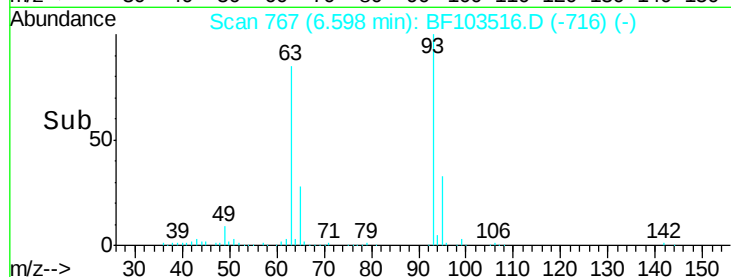
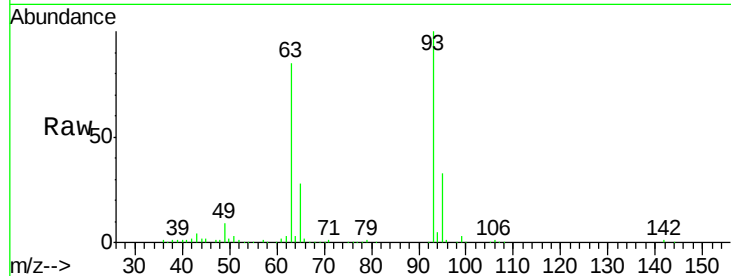
#11
bis(2-Chloroethyl)ether
Concen: 29.423 ng
RT: 6.60 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion:	93	Resp:	289454
Ion	Ratio	Lower	Upper
93	100		
63	84.5	58.6	98.6
95	32.5	11.8	51.8

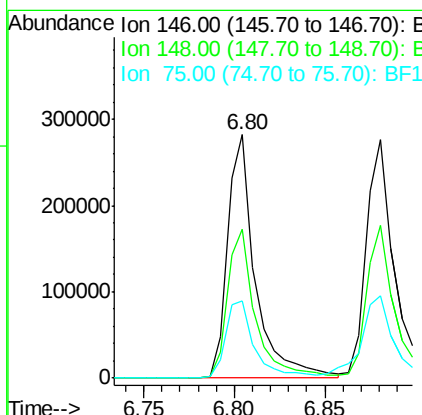
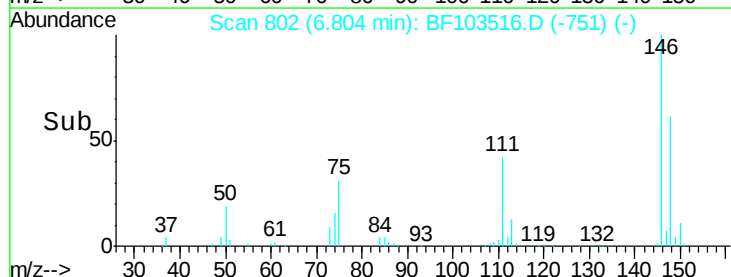
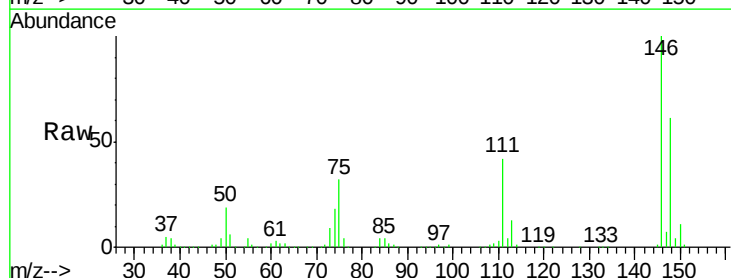
Manual Integrations
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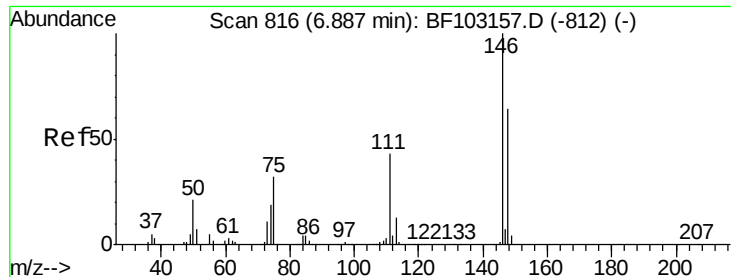
Sohil
3/9/2018 11:39:22 AM



#12
1,3-Dichlorobenzene
Concen: 27.788 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion:	146	Resp:	301011
Ion	Ratio	Lower	Upper
146	100		
148	61.3	51.8	77.8
75	31.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 29.711 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Instrument :

BNA_F

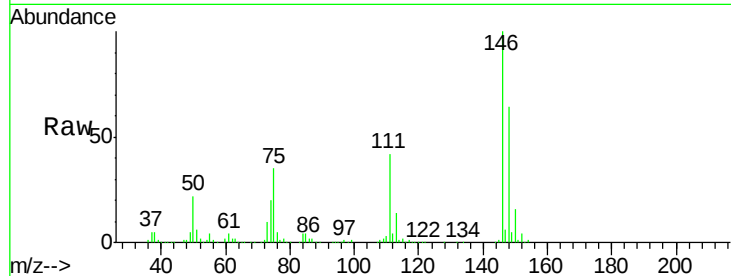
ClientSampled :

PB107144BS

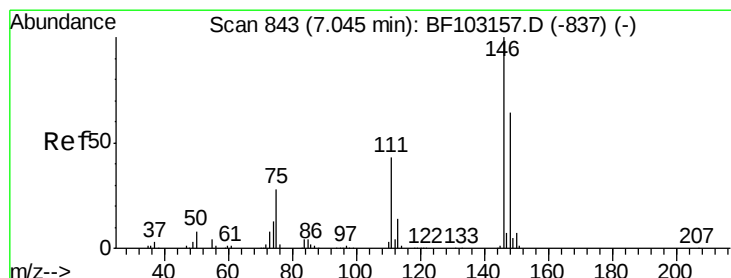
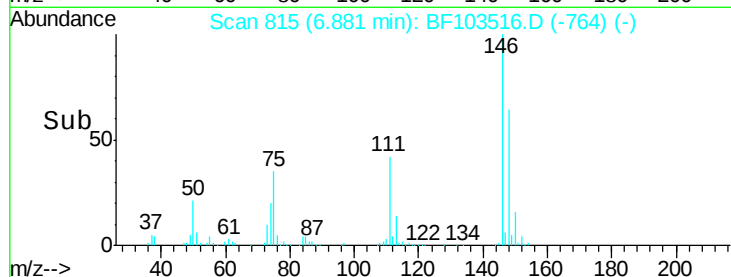
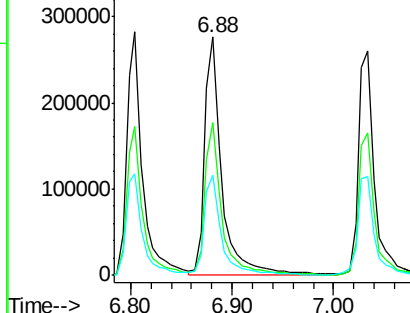
Tot Ion:	146	Resp:	322677
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.8	76.2
111	42.2	34.2	51.2

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



#14

1,2-Dichlorobenzene

Concen: 27.835 ng

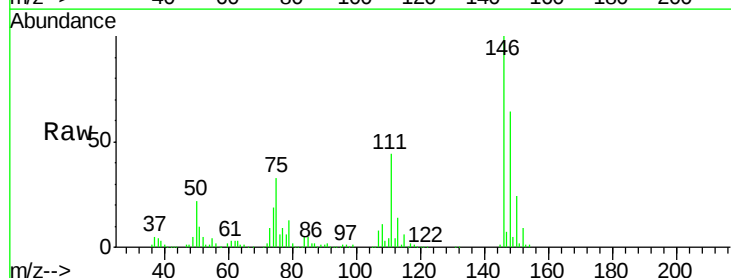
RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

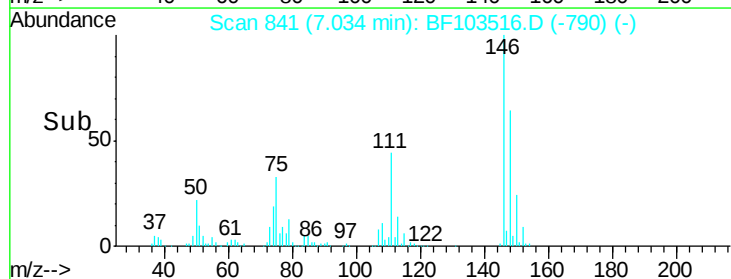
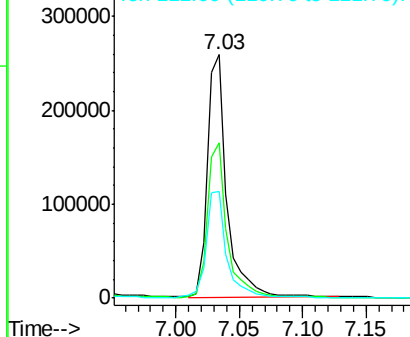
Lab File: BF103516.D

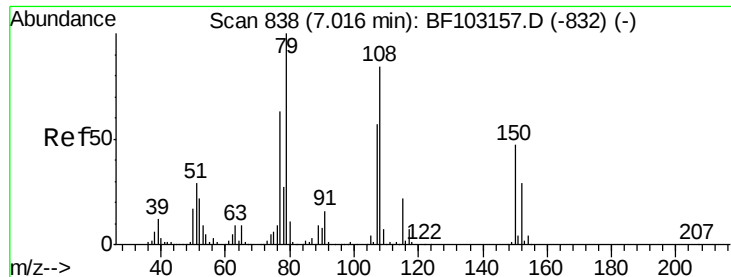
Acq: 8 Mar 2018 15:08

Tgt Ion:	146	Resp:	278748
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	75.8
111	43.9	36.0	54.0



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





#15

Benzyl Alcohol

Concen: 28.139 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Instrument :

BNA_F

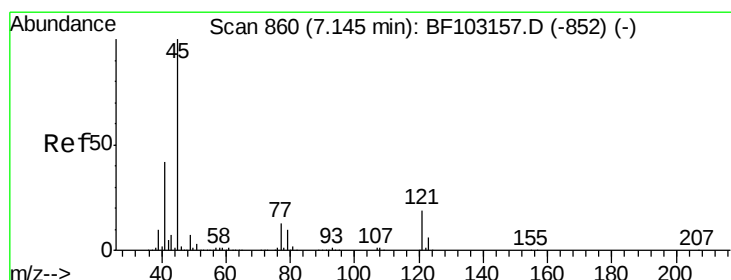
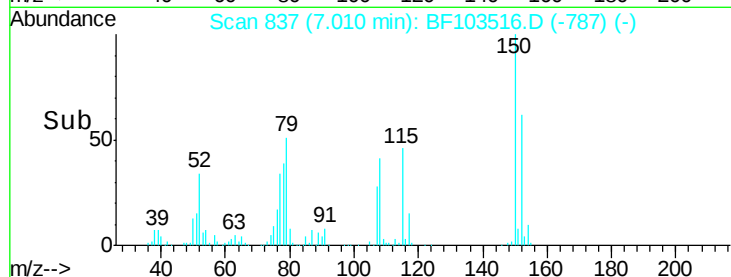
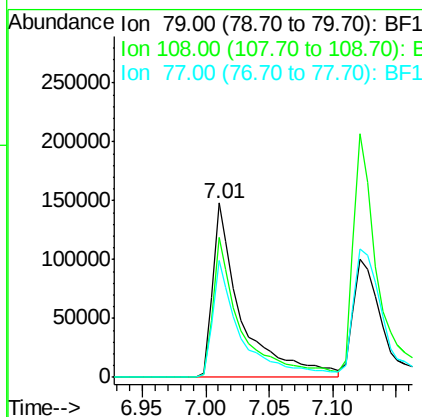
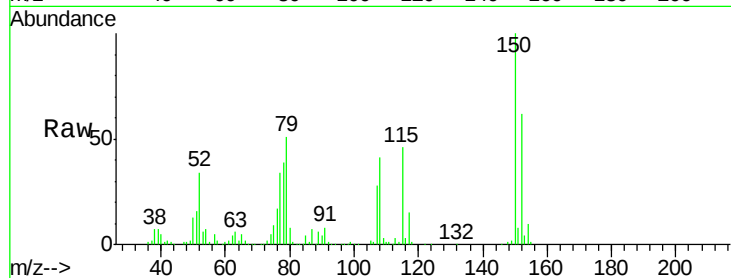
ClientSampled :

PB107144BS

Tot Ion:	79	Resp:	236753
Ion Ratio	Lower	Upper	
79	100		
108	80.4	65.1	97.7
77	66.8	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.271 ng

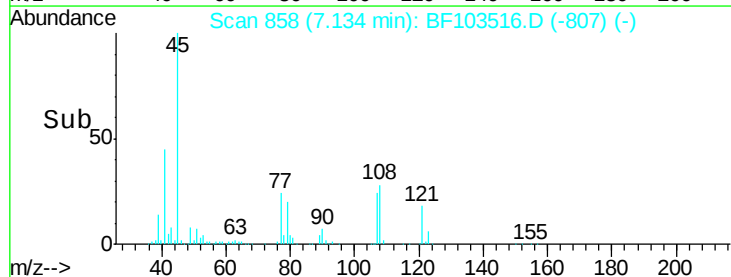
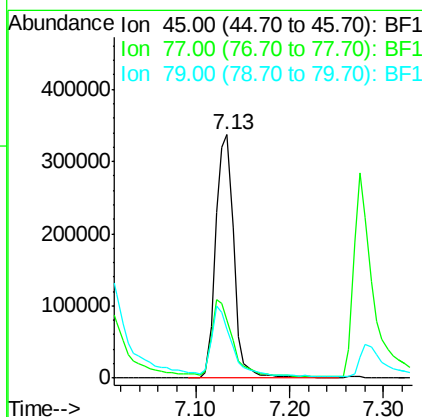
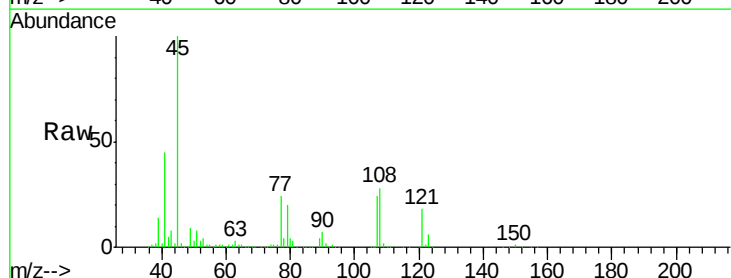
RT: 7.13 min Scan# 858

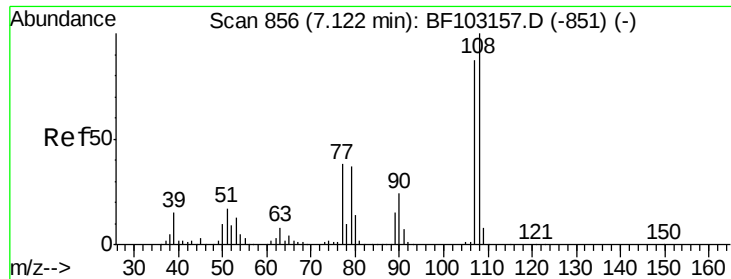
Delta R.T. 0.00 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Tgt Ion:	45	Resp:	460703
Ion Ratio	Lower	Upper	
45	100		
77	23.9	0.0	32.9
79	20.4	0.0	29.6





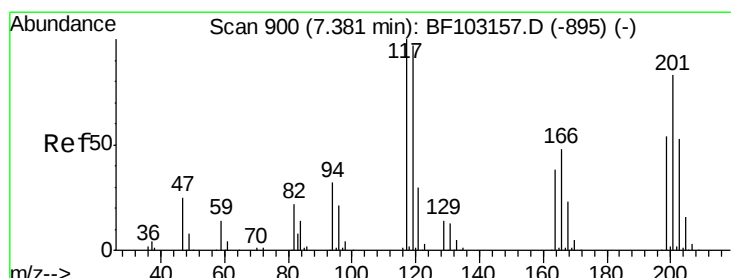
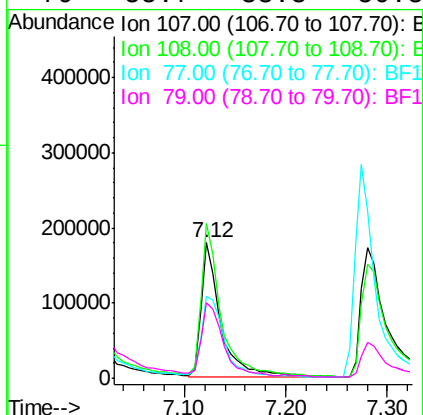
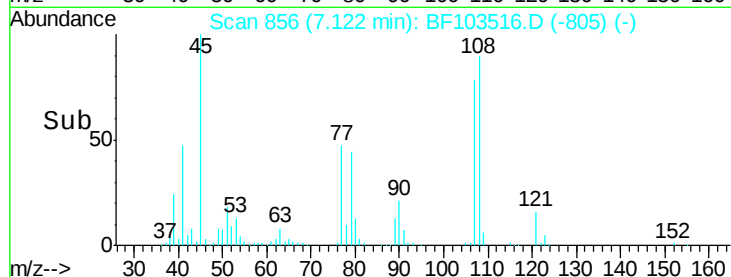
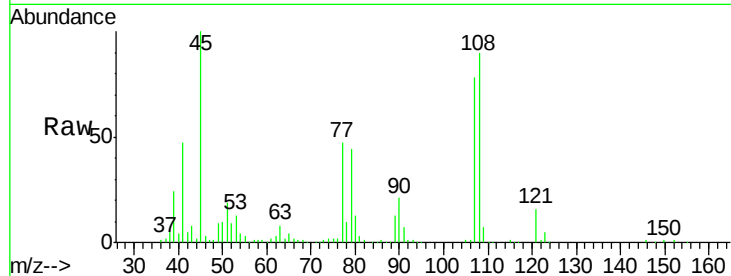
#17
2-Methylphenol
Concen: 28.016 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	91.7	137.5	
77	60.6	33.8	50.8#	
79	55.7	33.8	50.8#	

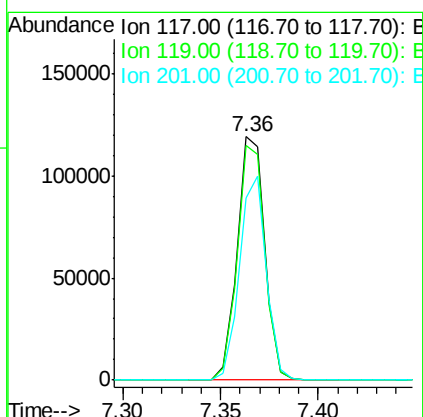
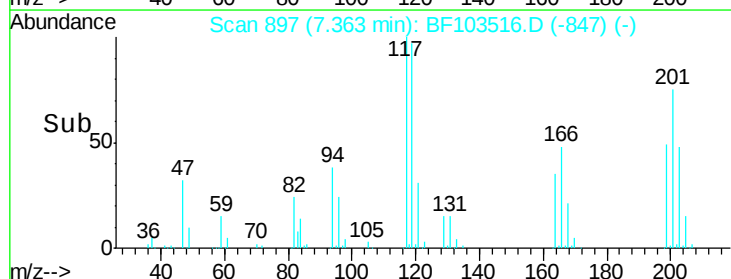
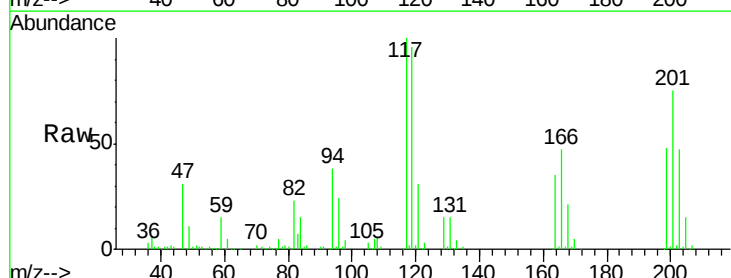
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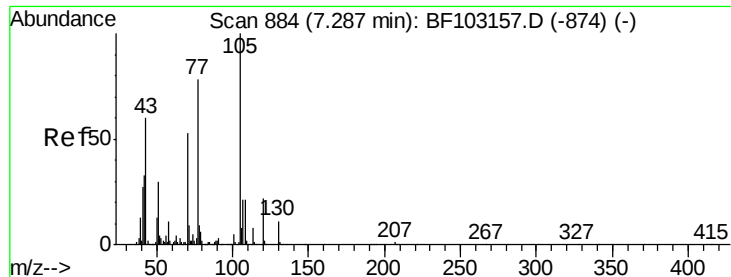
Sohil
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#18
Hexachloroethane
Concen: 29.474 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	75.8	113.8	
201	74.6	75.7	113.5#	





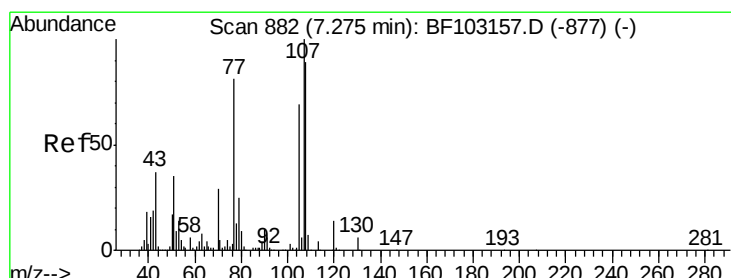
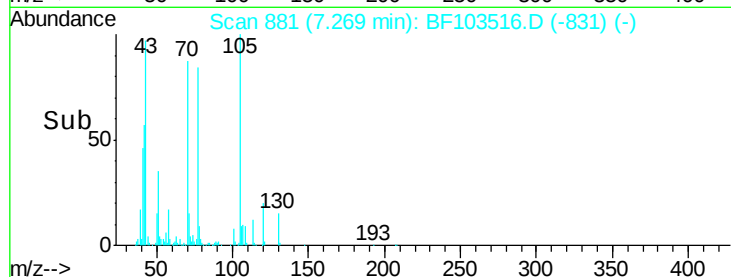
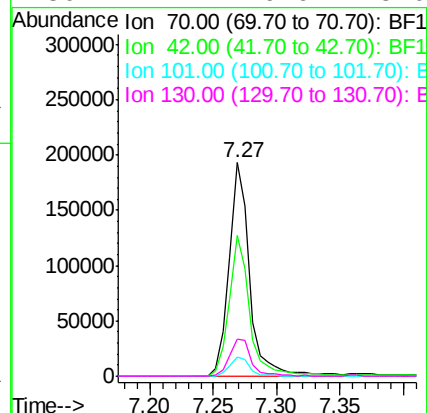
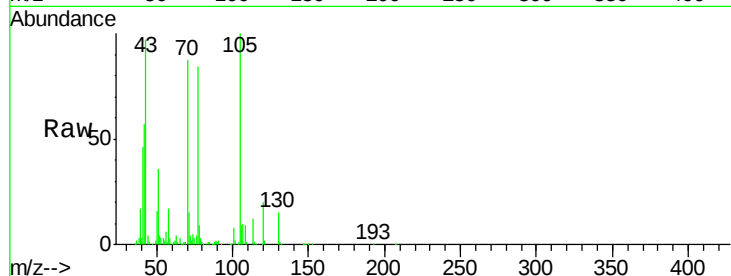
#19
n-Nitroso-di-n-propylamine
Concen: 31.441 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.9	47.5	71.3
101	8.8	7.4	11.2
130	17.4	16.6	25.0

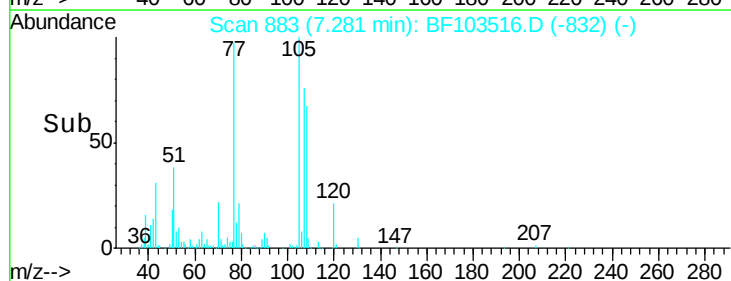
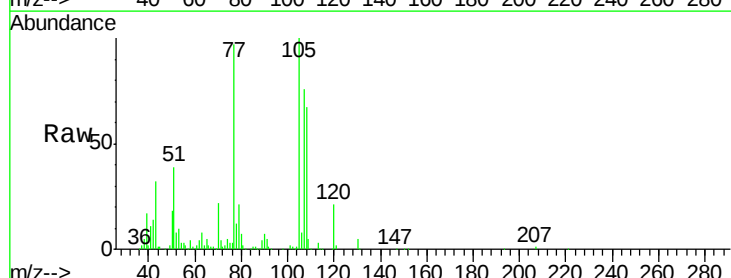
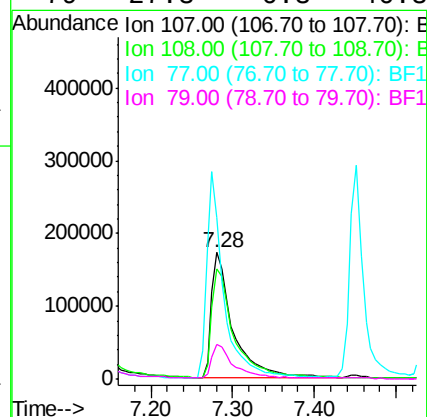
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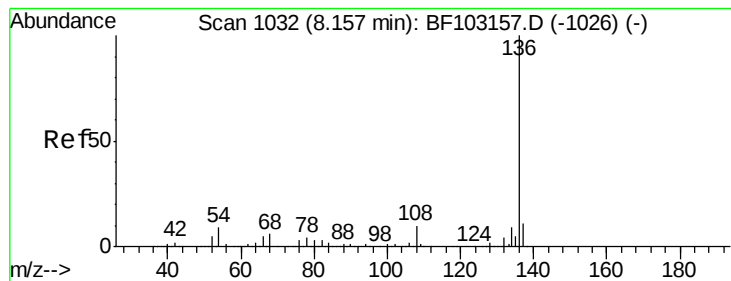
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#20
3+4-Methylphenols
Concen: 30.328 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.2	108.2
77	127.9	26.7	66.7#
79	27.3	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Instrument :

BNA_F

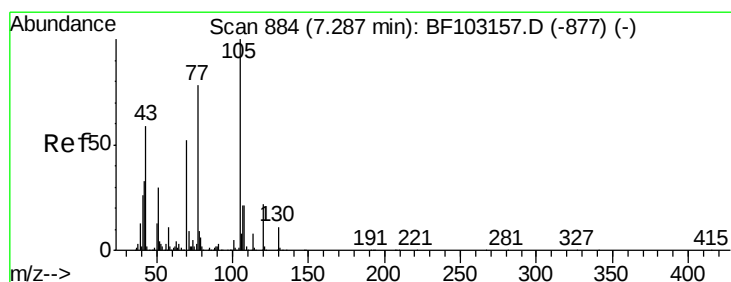
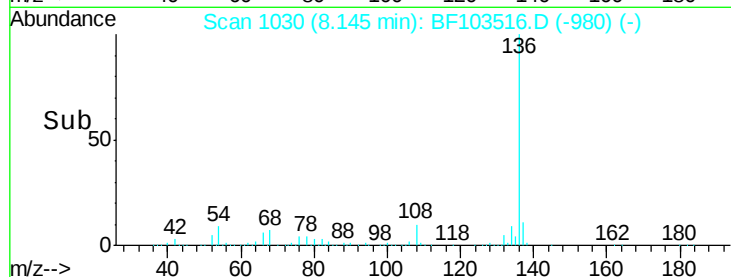
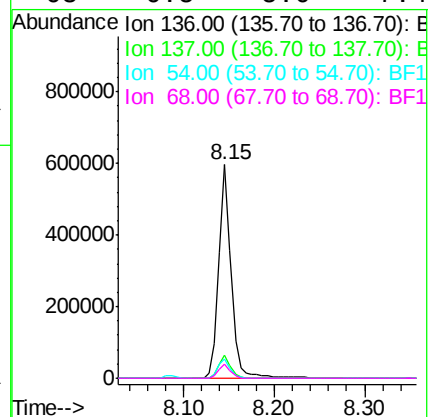
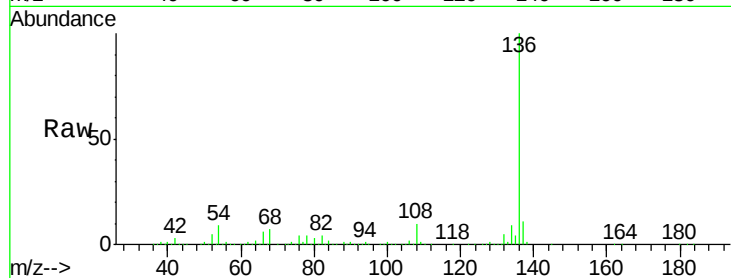
ClientSampleId :

PB107144BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		577677		
137	11.0		8.9	13.3	
54	9.2		6.6	9.8	
68	6.5		5.0	7.4	

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#22

Acetophenone

Concen: 30.670 ng

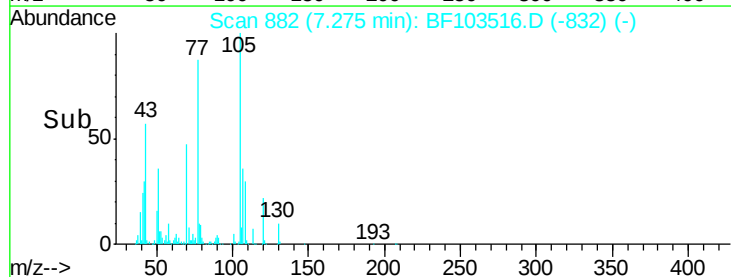
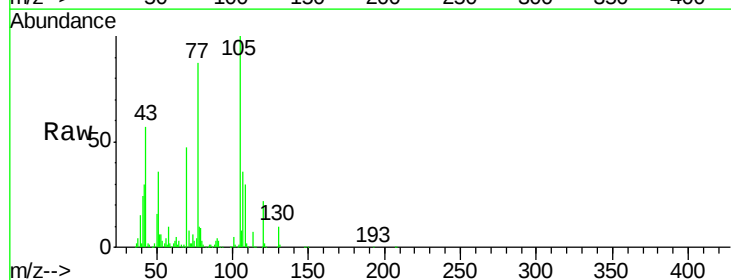
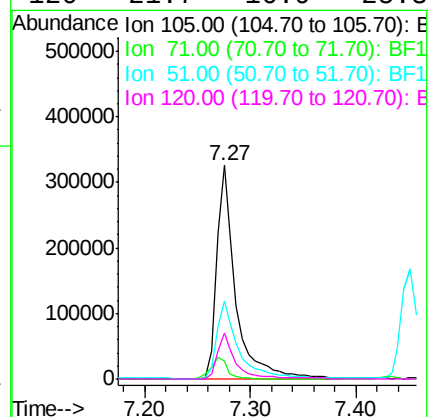
RT: 7.27 min Scan# 882

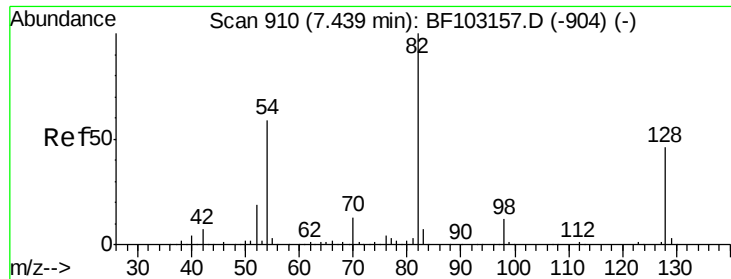
Delta R.T. -0.01 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		413548		
71	8.2		4.4	6.6#	
51	36.3		22.3	33.5#	
120	21.7		16.9	25.3	





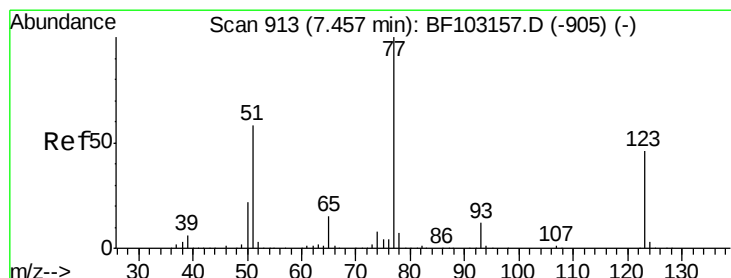
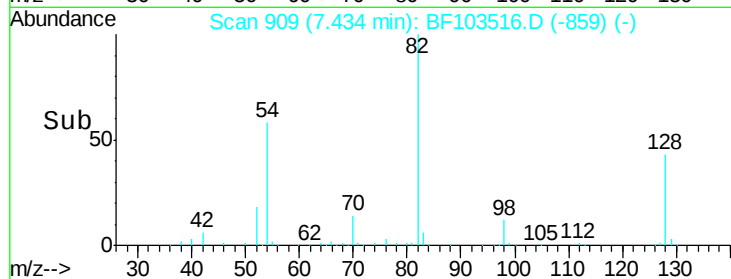
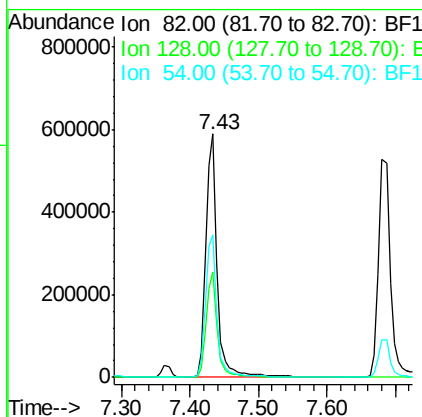
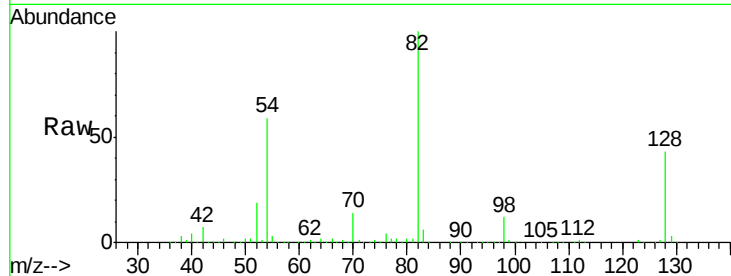
#23
Nitrobenzene-d5
Concen: 69.464 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	702659		
128	43.5		36.1	54.1
54	58.8		41.4	62.2

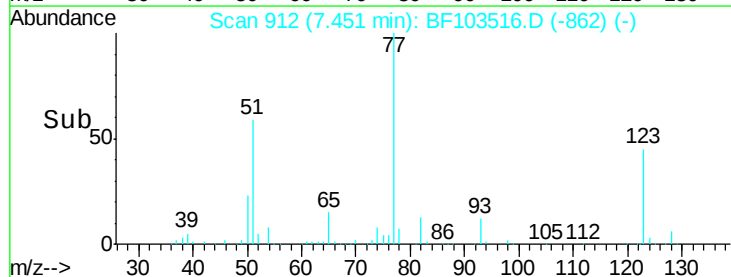
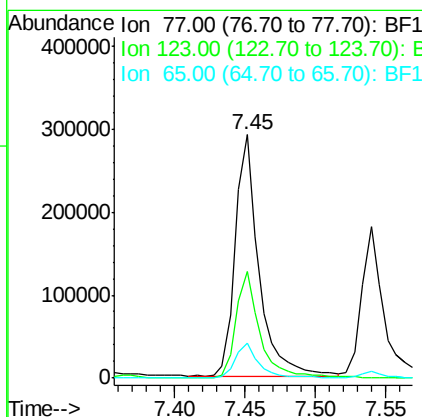
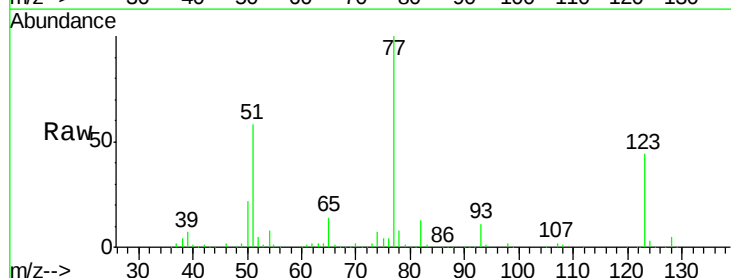
Manual Integrations
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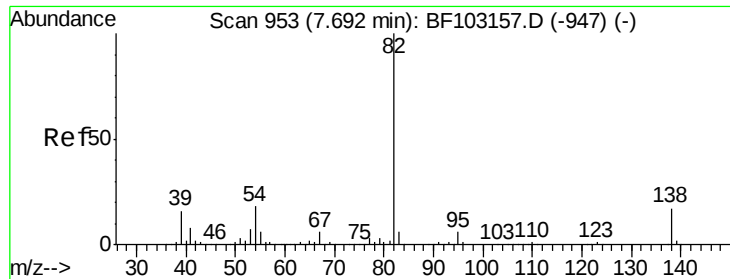
Sohil
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#24
Nitrobenzene
Concen: 31.133 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	346736		
123	43.8		37.9	56.9
65	14.4		11.0	16.4





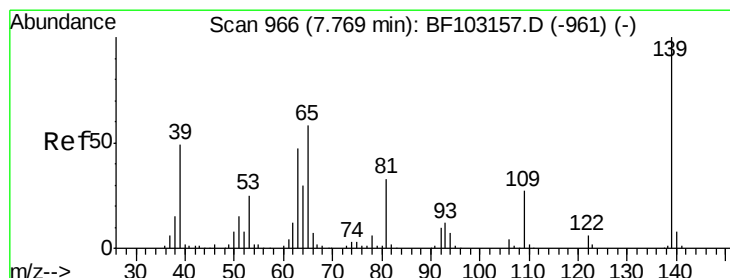
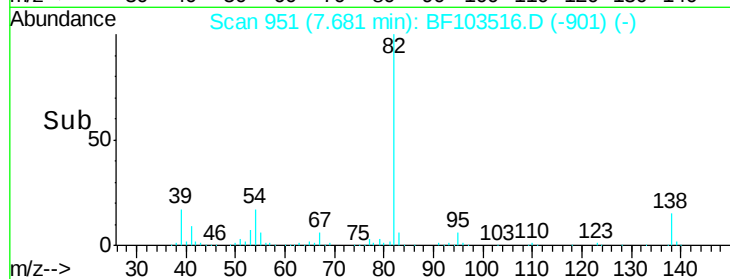
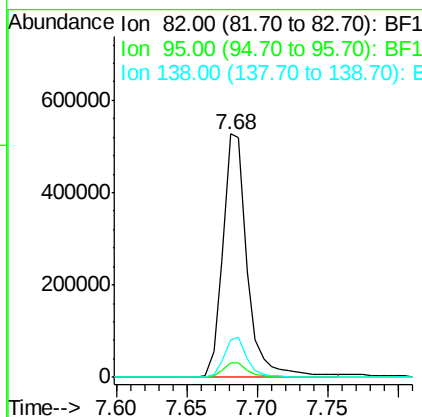
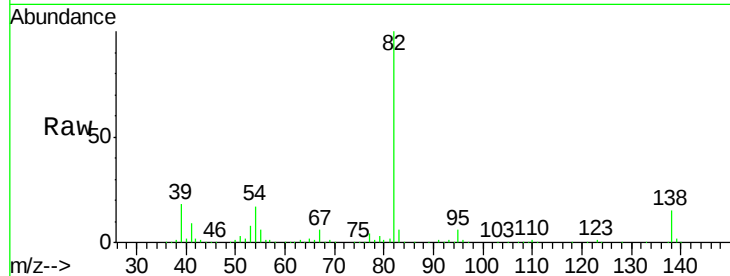
#25
Isophorone
Concen: 31.670 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.1	5.2	7.8
138	15.3	14.9	22.3

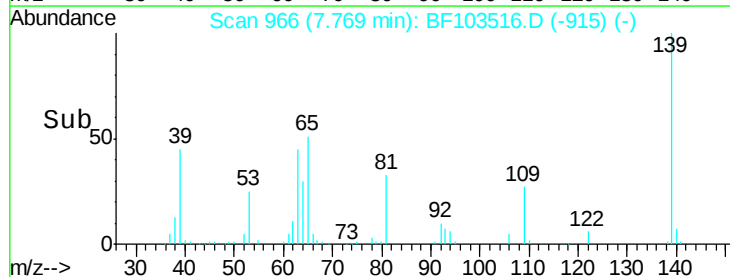
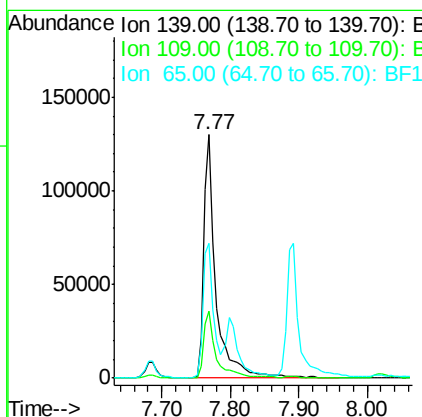
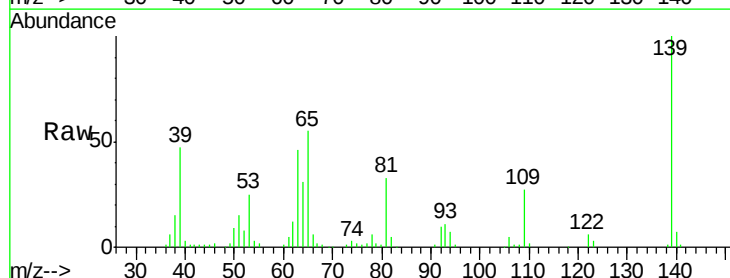
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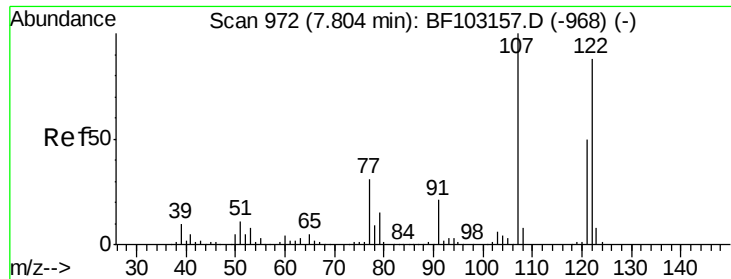
Sohil
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#26
2-Nitrophenol
Concen: 31.595 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.4	22.7	34.1
65	55.4	40.5	60.7





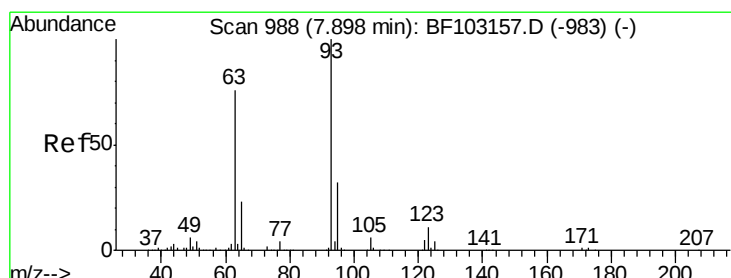
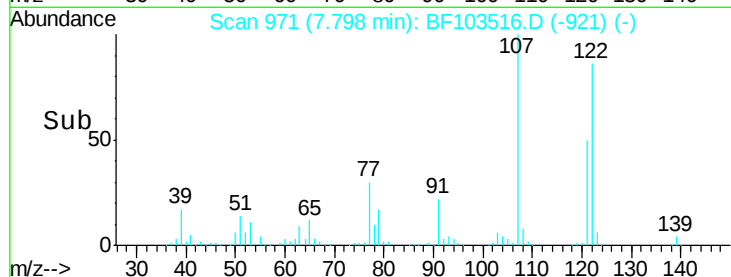
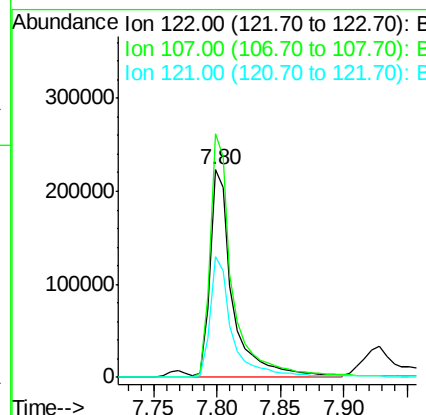
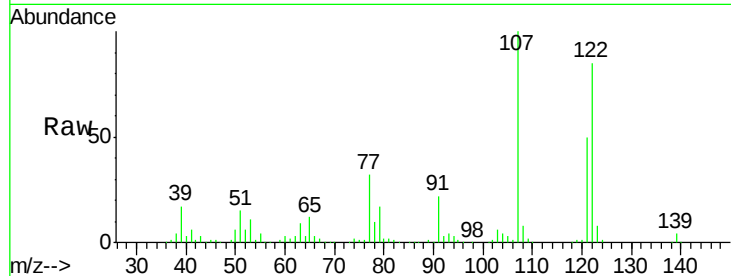
#27
2,4-Dimethylphenol
Concen: 34.517 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.3	91.2	136.8
121	58.1	47.2	70.8

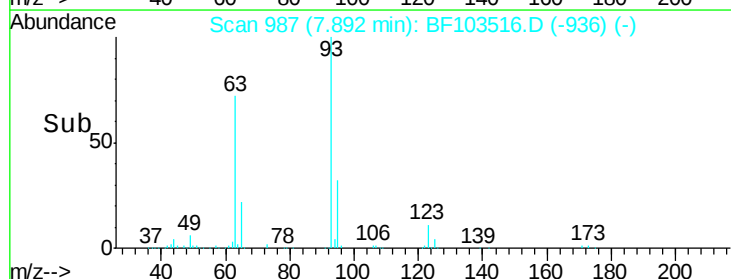
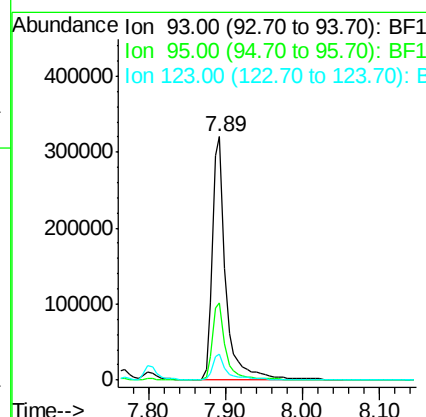
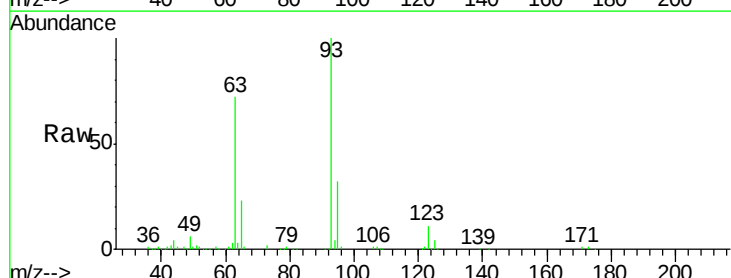
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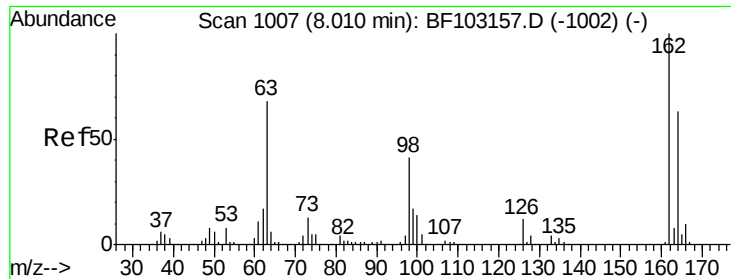
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 32.935 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.3	39.5
123	10.8	9.8	14.6





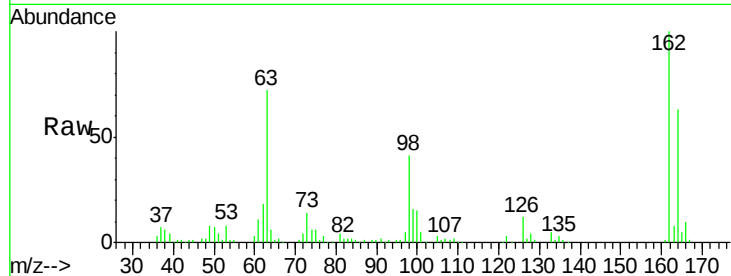
#29
2,4-Dichlorophenol
Concen: 32.383 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

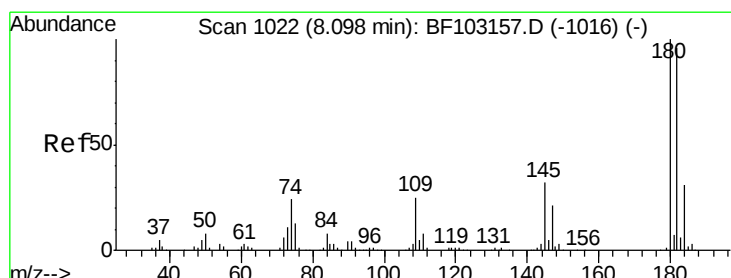
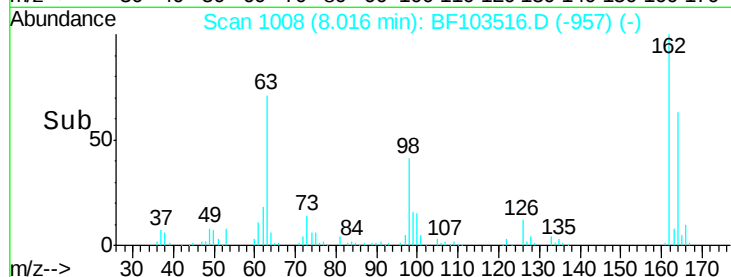
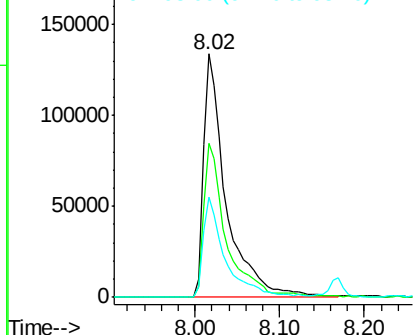
Tot Ion	Ratio	Resp	Lower	Upper
162	100	248463		
164	63.4	42.7	82.7	
98	41.3	18.1	58.1	

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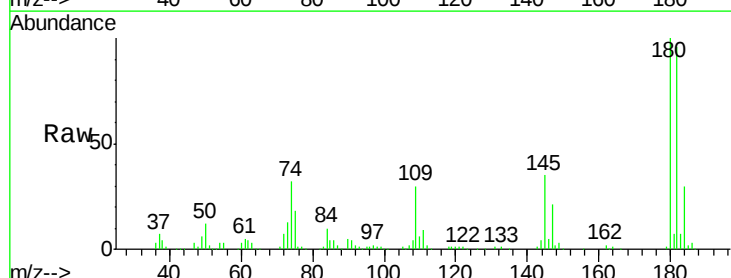


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

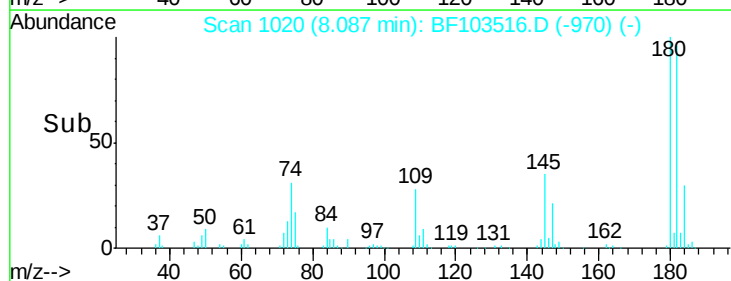
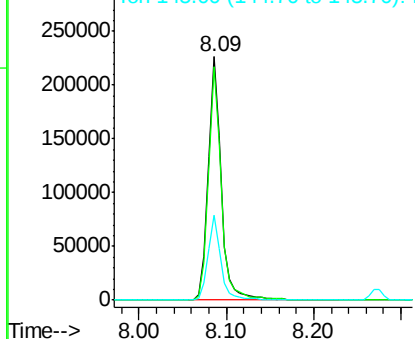


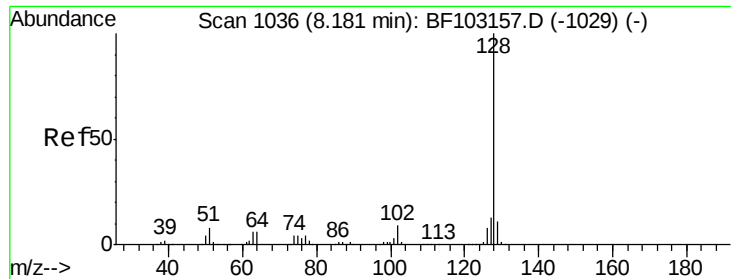
#30
1,2,4-Trichlorobenzene
Concen: 28.923 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	236319		
182	95.9	76.8	115.2	
145	34.7	26.5	39.7	



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





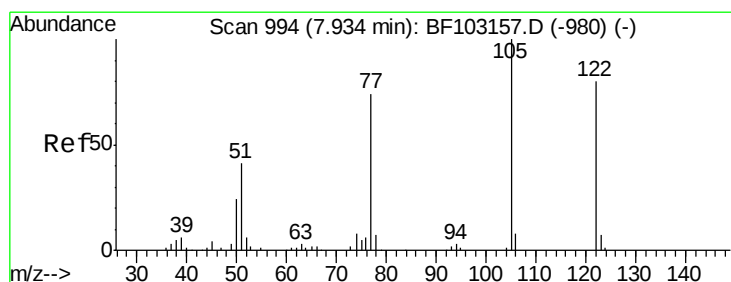
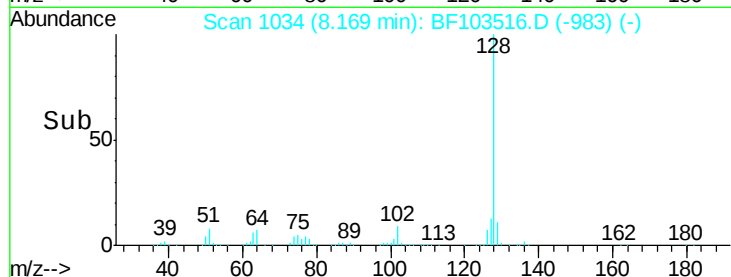
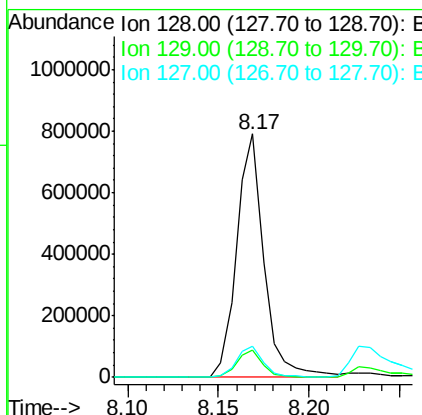
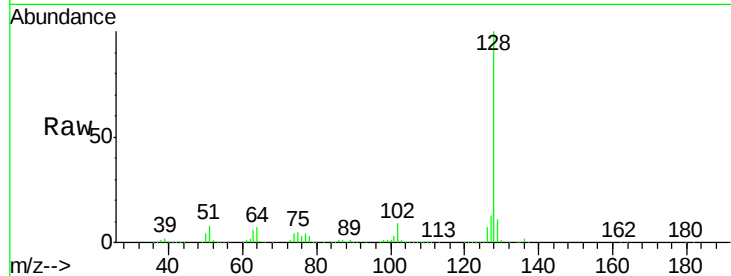
#31
Naphthalene
Concen: 29.349 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.0	10.9	16.3

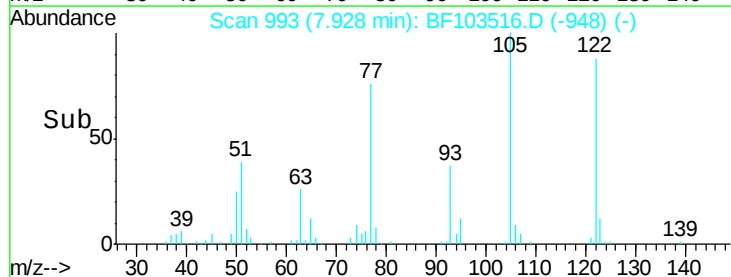
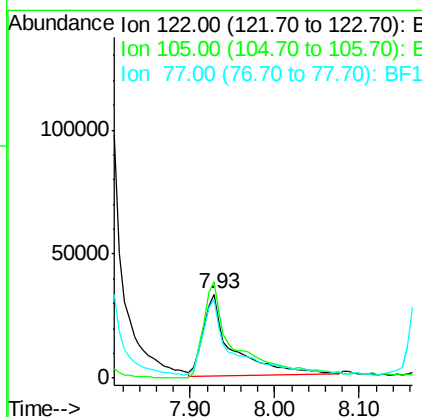
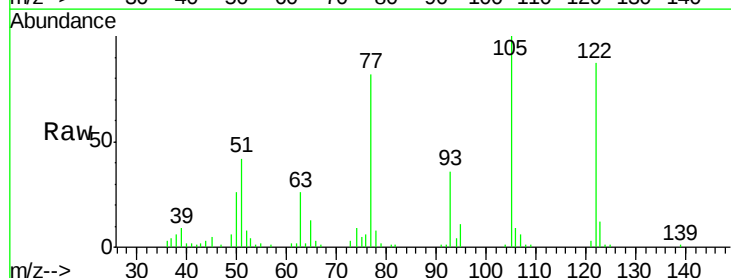
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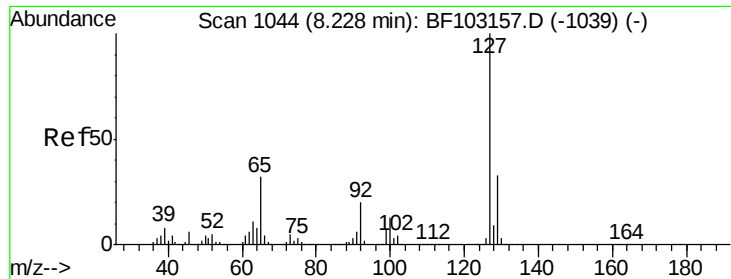
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#32
Benzoic acid
Concen: 17.848 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.04 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.5	101.1	141.1
77	93.5	70.7	110.7





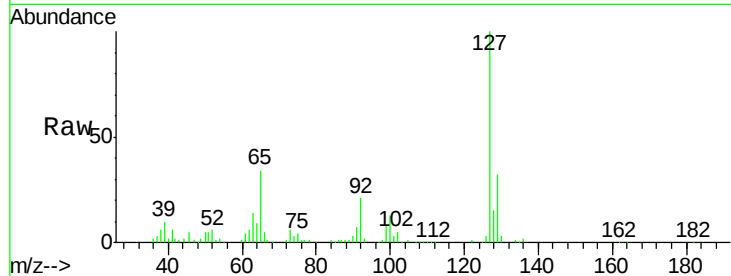
#33
4-Chloroaniline
Concen: 15.439 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

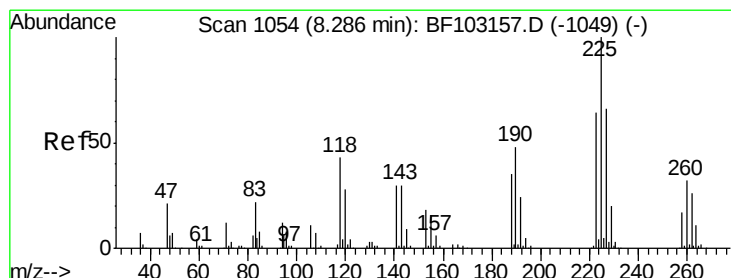
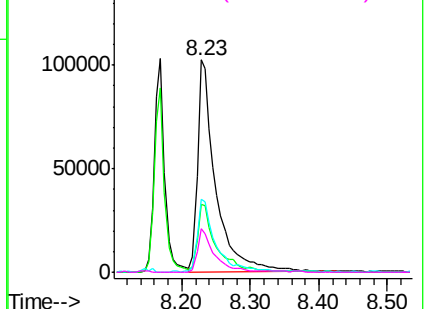
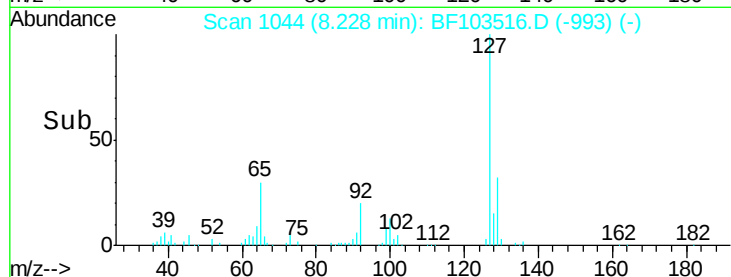
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		188428		
129	31.9	25.9	38.9		
65	34.5	25.0	37.4		
92	20.7	15.2	22.8		

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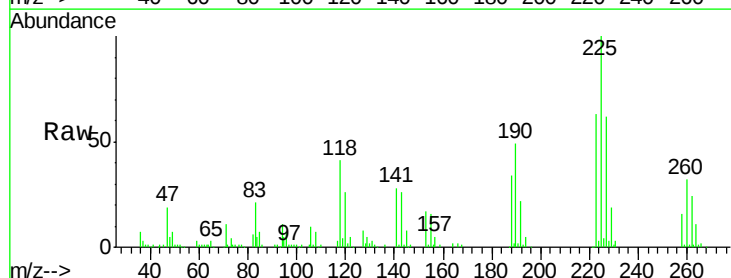


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

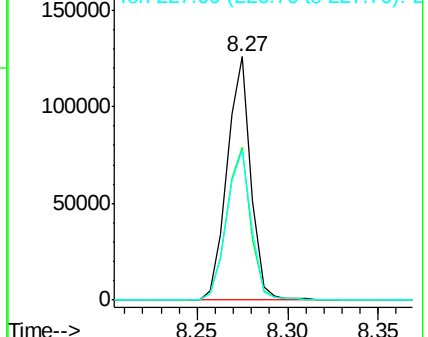
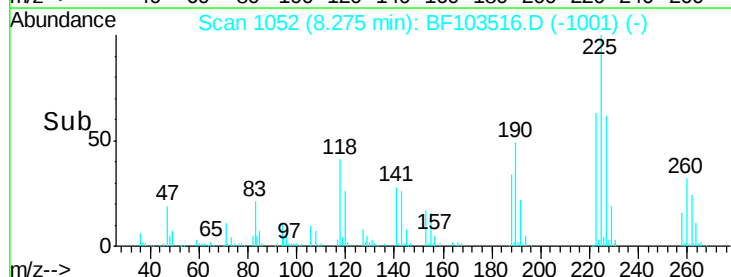


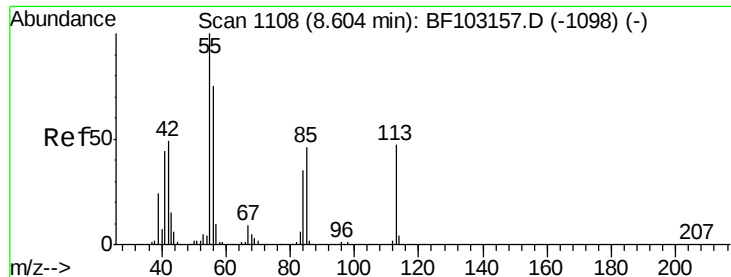
#34
Hexachlorobutadiene
Concen: 26.939 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		114618		
223	62.6	50.6	76.0		
227	61.7	51.9	77.9		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.692 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Instrument :

BNA_F

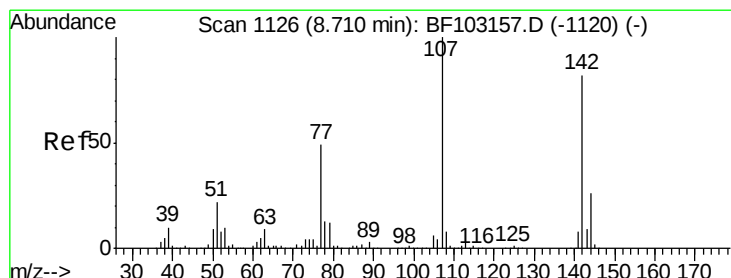
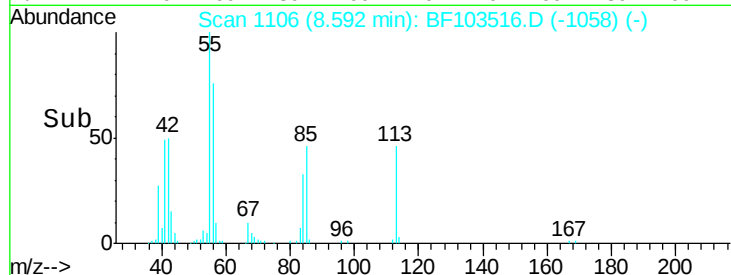
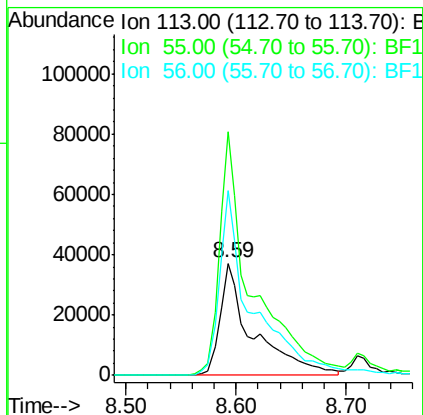
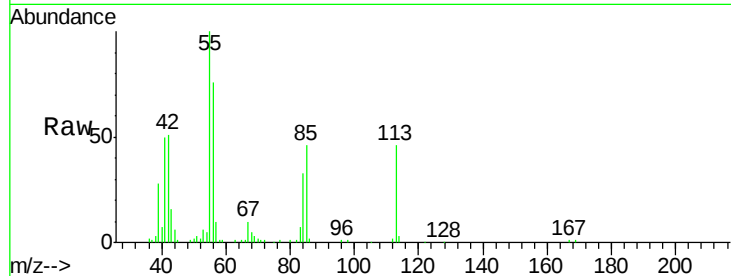
ClientSampleId :

PB107144BS

Tot Ion:113 Resp: 77371
 Ion Ratio Lower Upper
 113 100
 55 216.6 163.3 203.3#
 56 164.5 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 31.413 ng

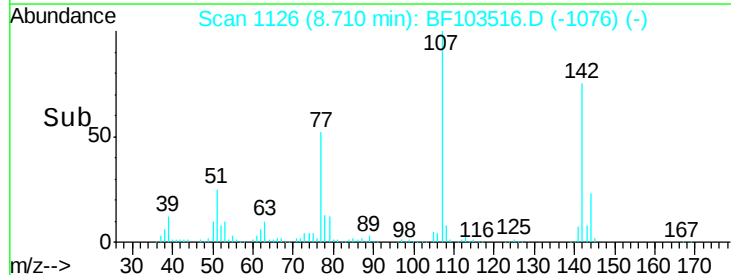
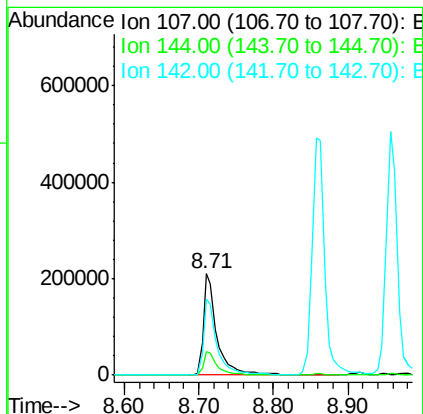
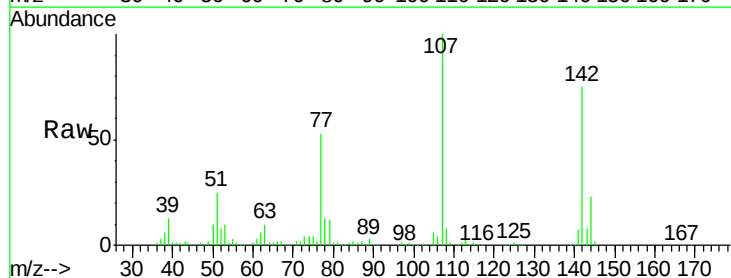
RT: 8.71 min Scan# 1126

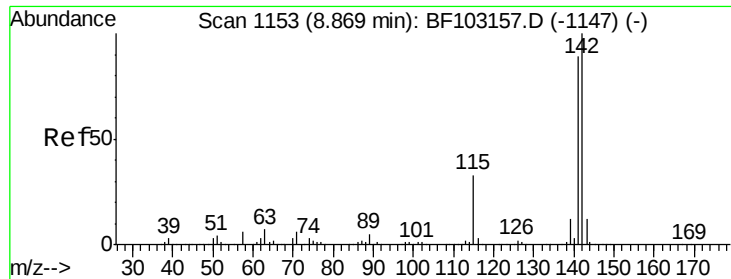
Delta R.T. -0.01 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Tgt Ion:107 Resp: 271856
 Ion Ratio Lower Upper
 107 100
 144 23.1 20.5 30.7
 142 74.5 62.0 93.0





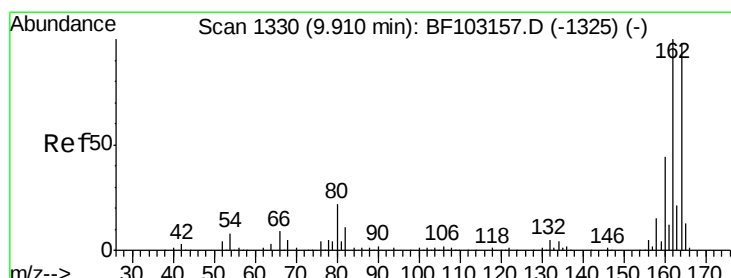
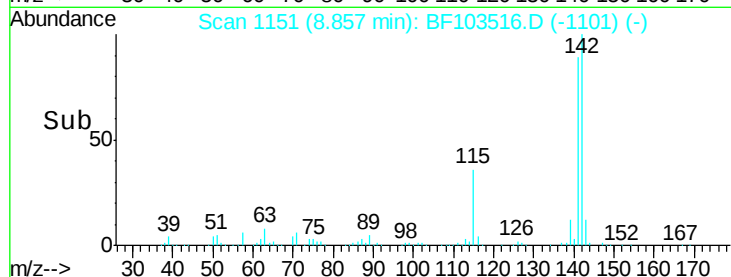
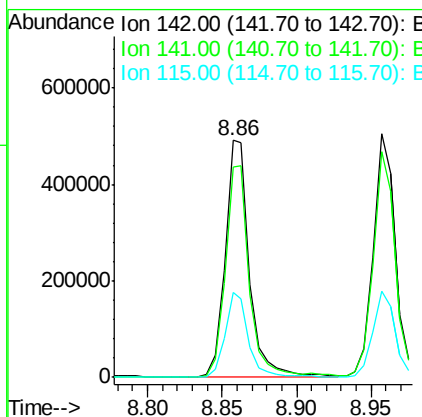
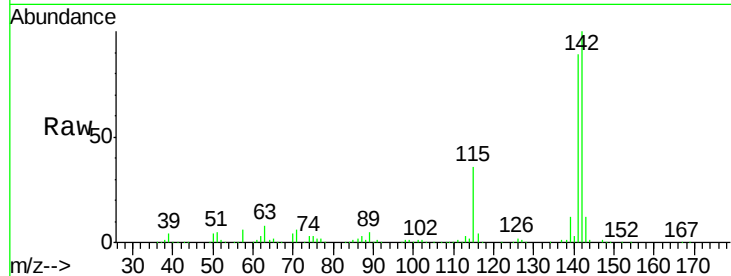
#37
2-Methylnaphthalene
Concen: 30.869 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	35.7	26.1	39.1

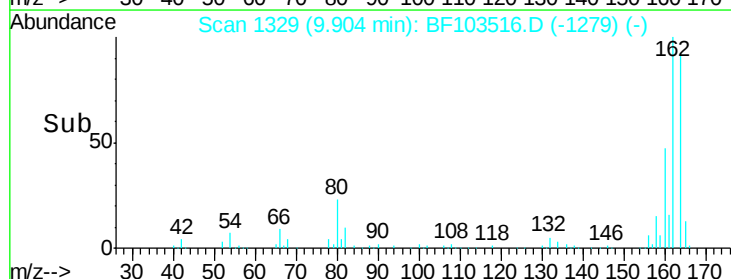
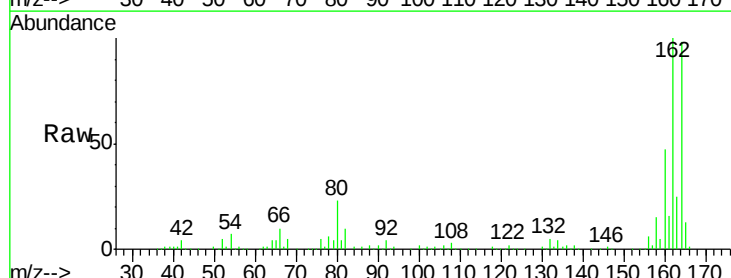
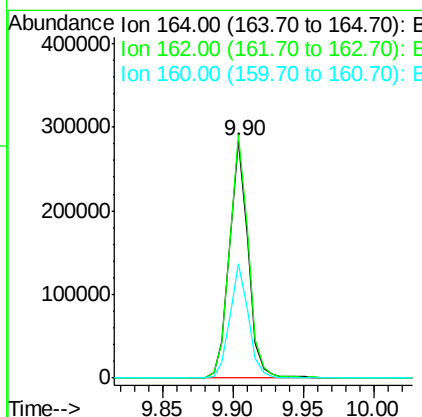
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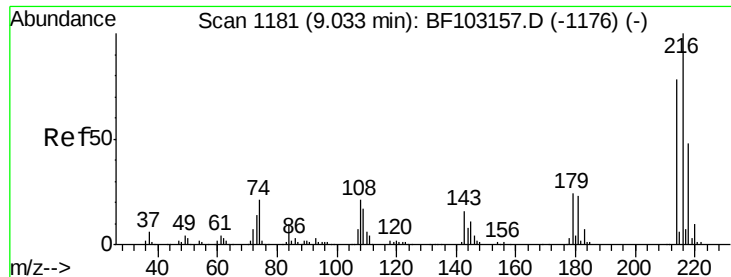
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	86.1	129.1
160	48.1	38.3	57.5





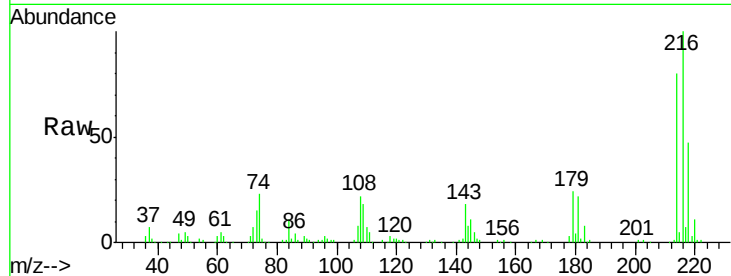
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.958 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF103516.D
 Acq: 8 Mar 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB107144BS

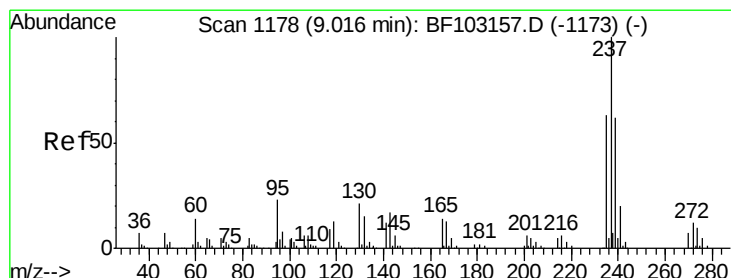
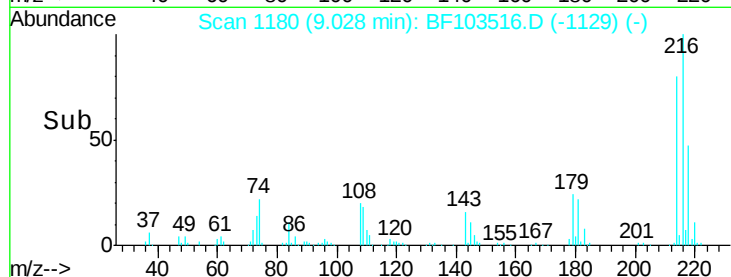
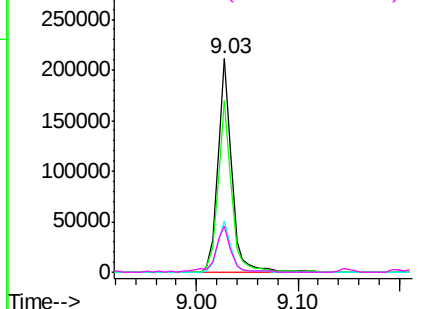
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		201158		
214	78.9	63.0	94.4		
179	23.7	18.1	27.1		
108	22.8	17.2	25.8		

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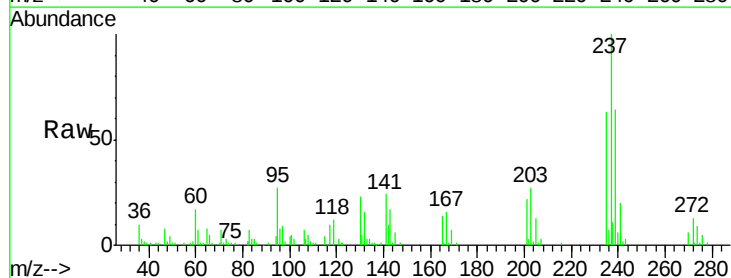


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

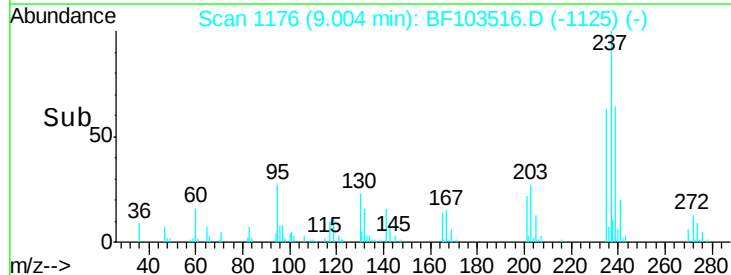
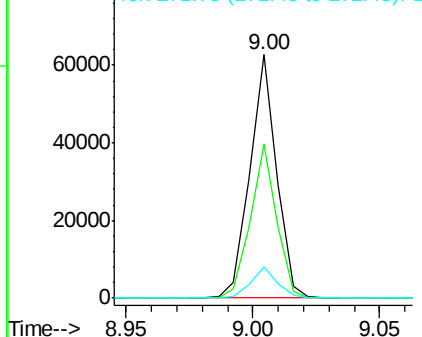


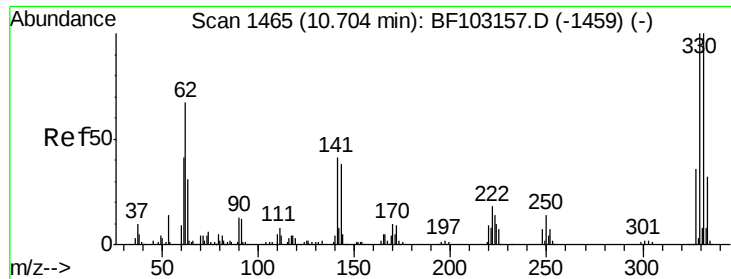
#40
 Hexachlorocyclopentadiene
 Concen: 24.950 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF103516.D
 Acq: 8 Mar 2018 15:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		45840		
235	63.0	44.8	84.8		
272	12.8	0.0	33.3		



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





#41

2,4,6-Tribromophenol

Concen: 83.380 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.00 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Instrument :

BNA_F

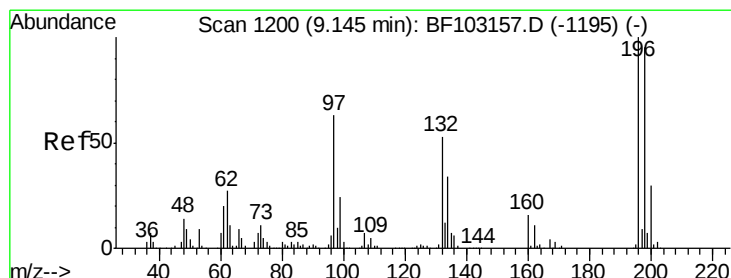
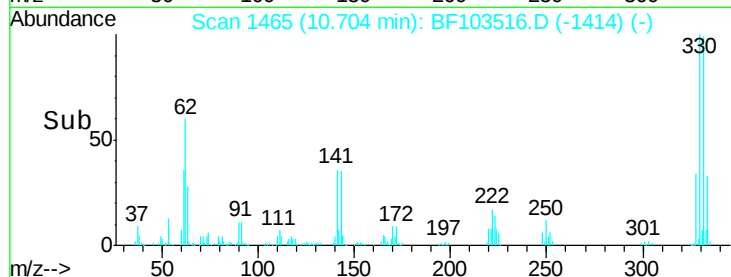
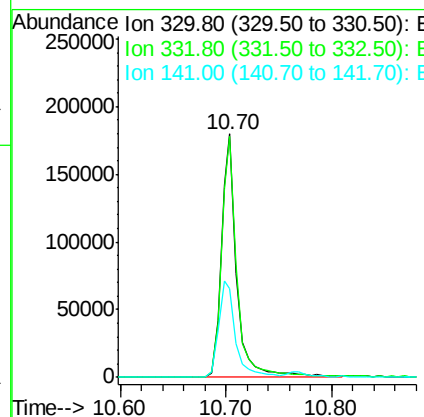
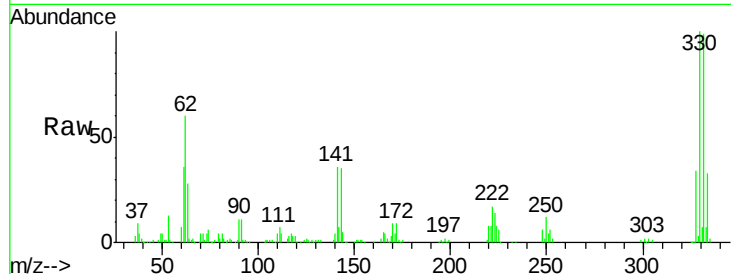
ClientSampleId :

PB107144BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.0	77.0	115.6
141	43.3	29.9	44.9

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#42

2,4,6-Trichlorophenol

Concen: 27.338 ng

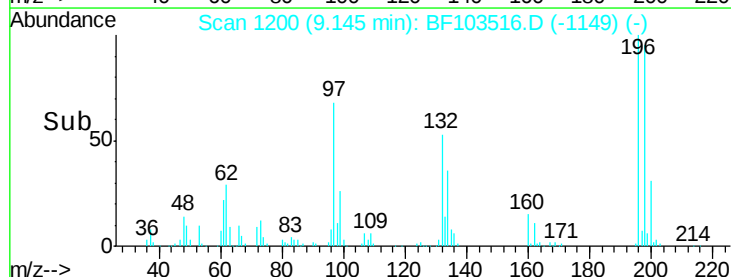
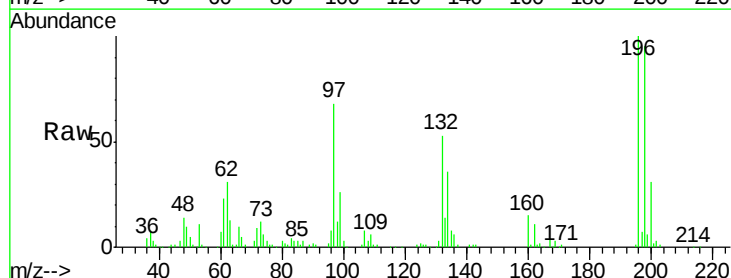
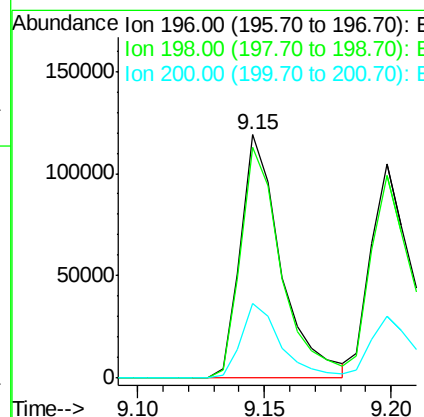
RT: 9.15 min Scan# 1200

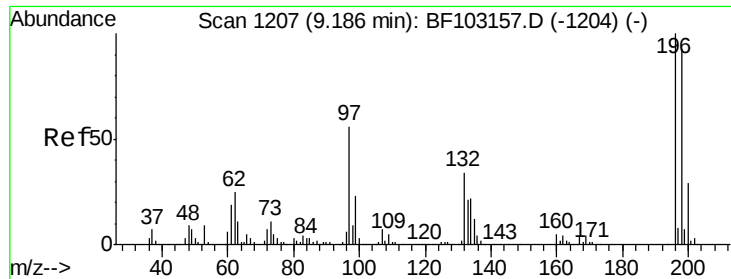
Delta R.T. 0.00 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
200	30.6	24.5	36.7





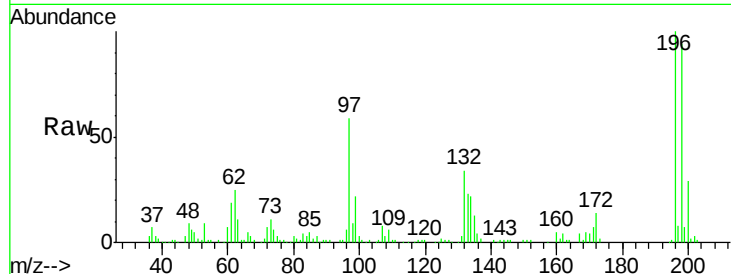
#43
 2,4,5-Trichlorophenol
 Concen: 25.320 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103516.D
 Acq: 8 Mar 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB107144BS

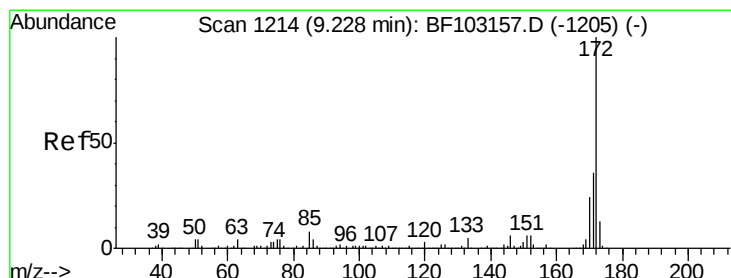
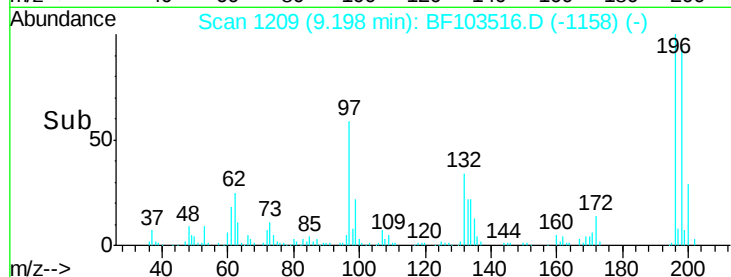
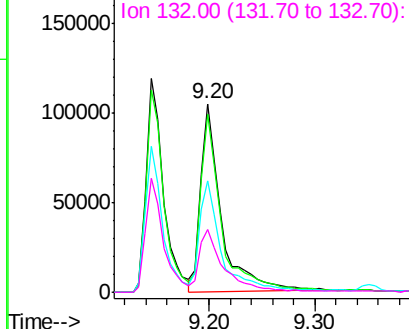
Tot Ion	196	Resp	140990
Ion Ratio	Lower	Upper	
196	100		
198	94.3	74.6	112.0
97	59.2	42.9	64.3
132	33.7	26.3	39.5

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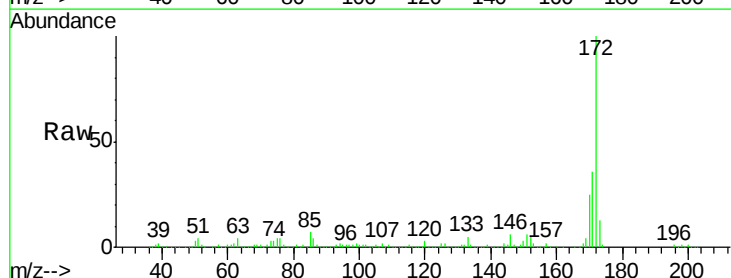


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

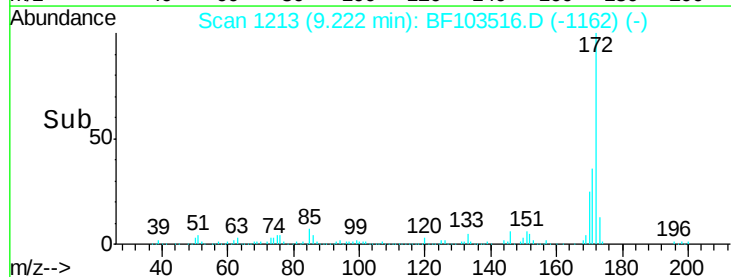
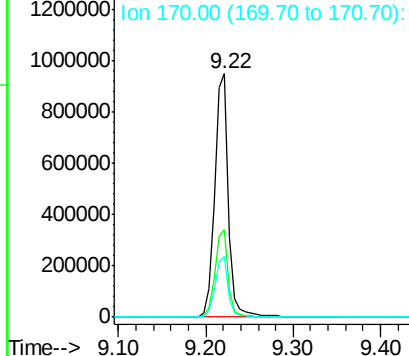


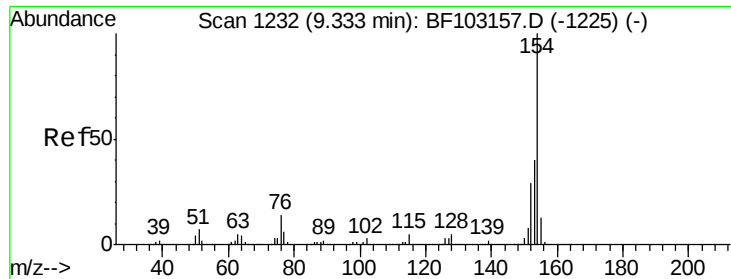
#44
 2-Fluorobiphenyl
 Concen: 63.132 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103516.D
 Acq: 8 Mar 2018 15:08

Tgt Ion	172	Resp	1026722
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	24.8	19.6	29.4



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





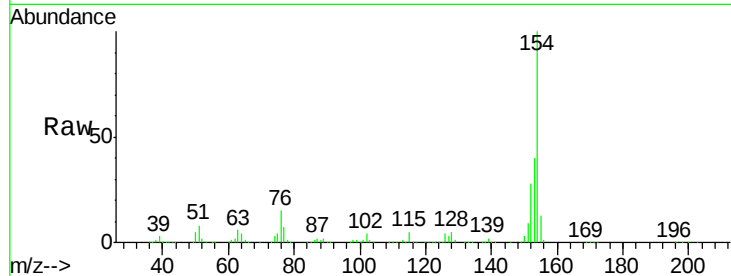
#45
 1,1'-Biphenyl
 Concen: 28.304 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF103516.D
 Acq: 8 Mar 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB107144BS

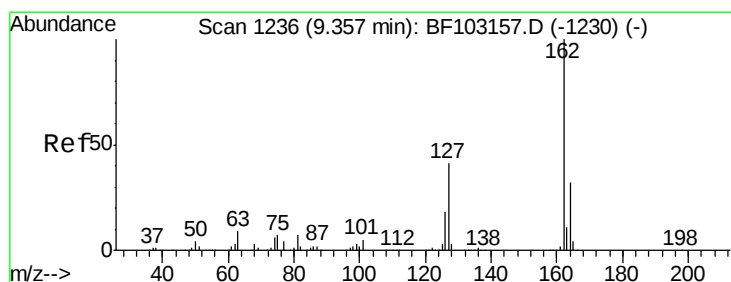
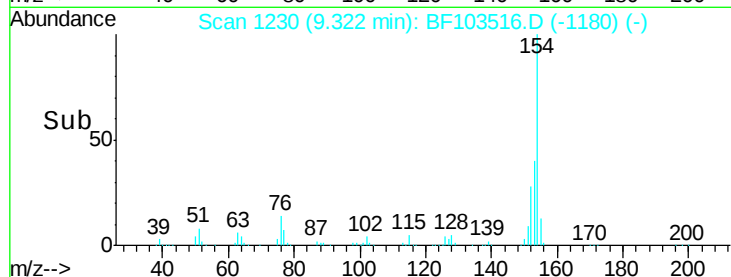
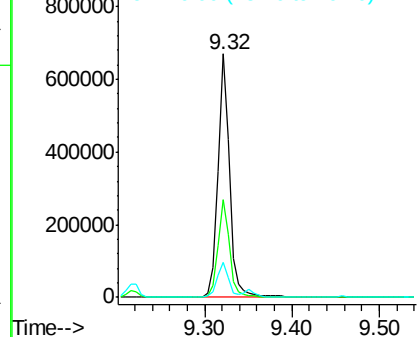
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.2	21.3	61.3	
76	14.5	0.0	34.0	

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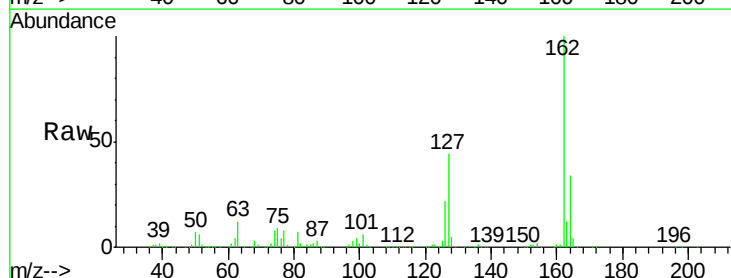


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

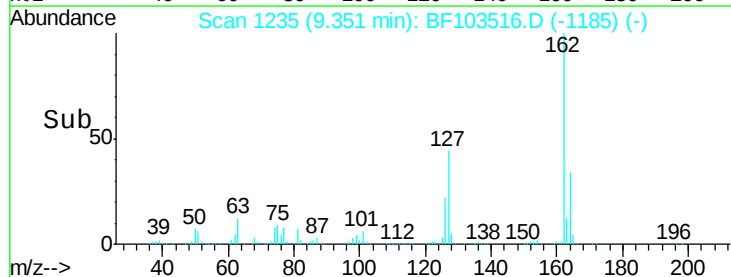
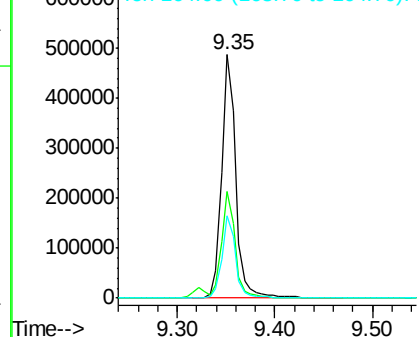


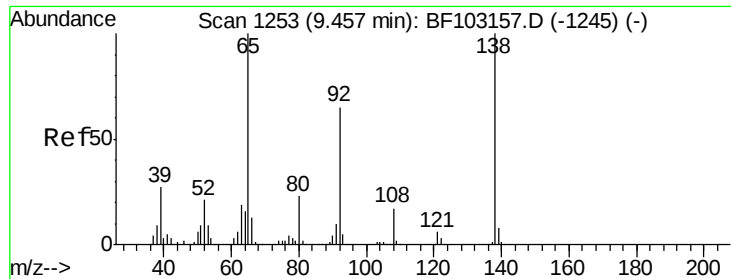
#46
 2-Chloronaphthalene
 Concen: 28.233 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF103516.D
 Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.9	33.9	50.9	
164	33.8	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





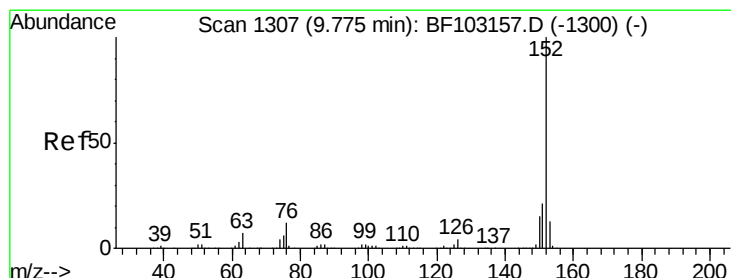
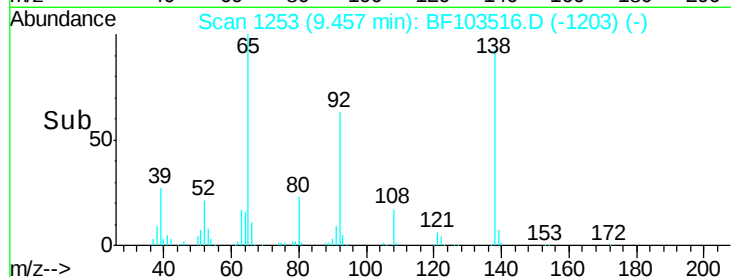
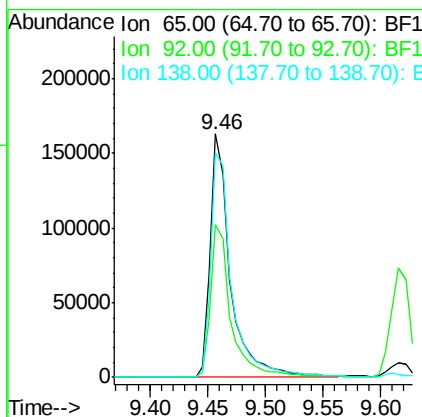
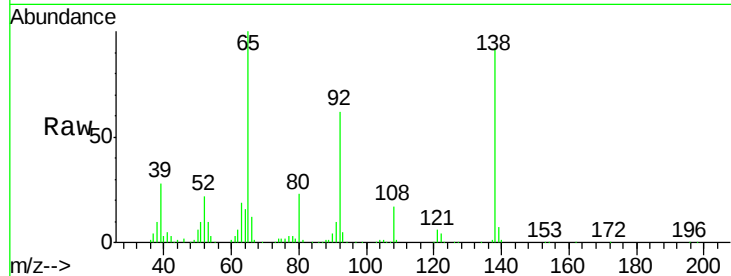
#47
2-Nitroaniline
Concen: 30.784 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.5	55.8	83.6
138	92.1	91.2	136.8

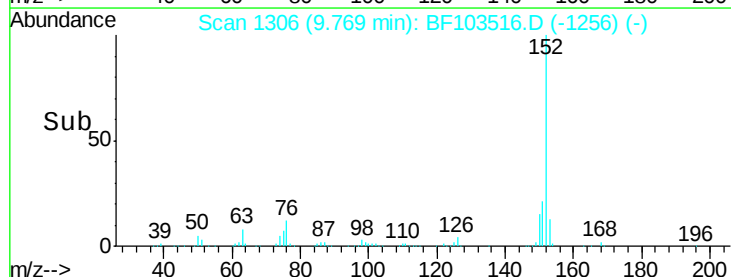
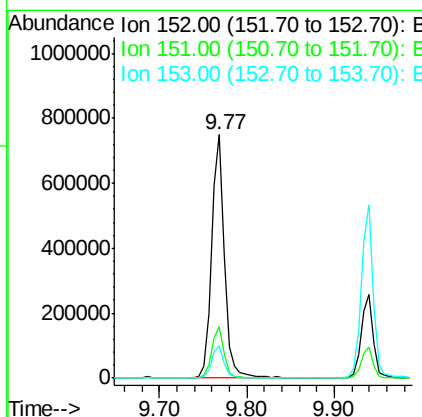
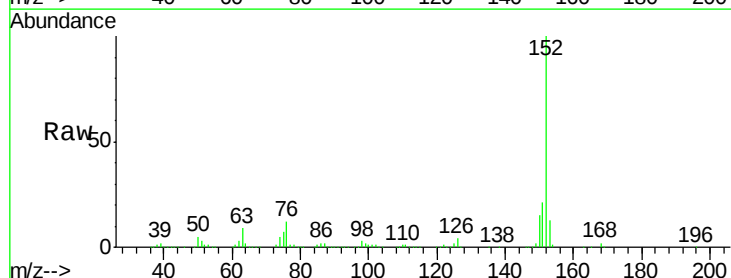
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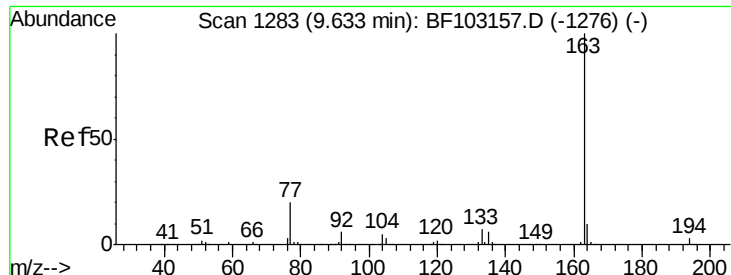
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#48
Acenaphthylene
Concen: 28.481 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.1	10.7	16.1





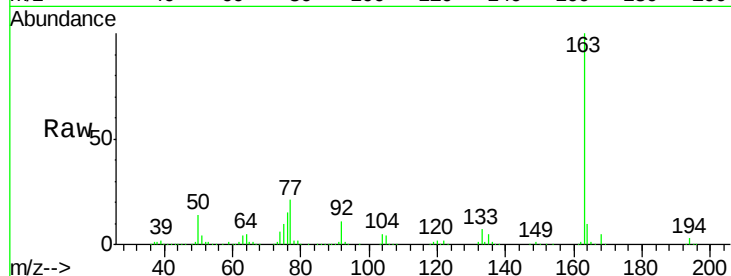
#49
Dimethylphthalate
Concen: 26.767 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

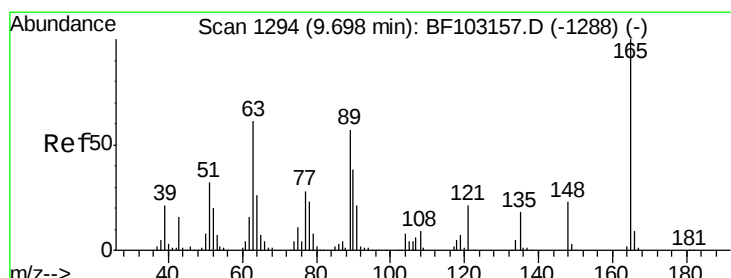
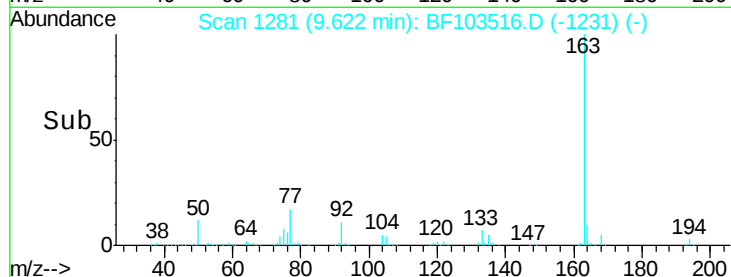
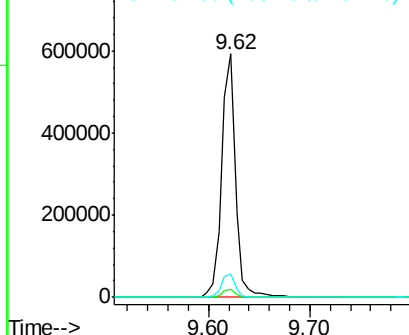
Tot Ion	163	Resp	565138
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2

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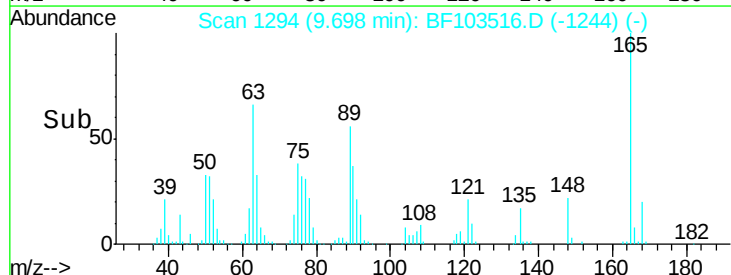
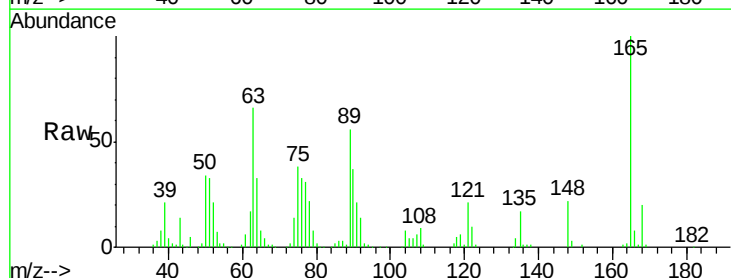
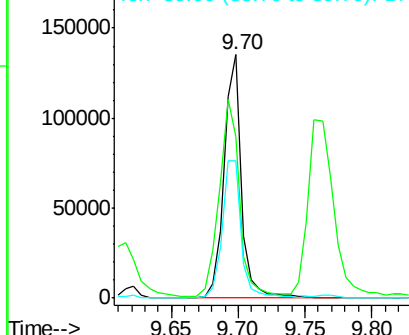
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

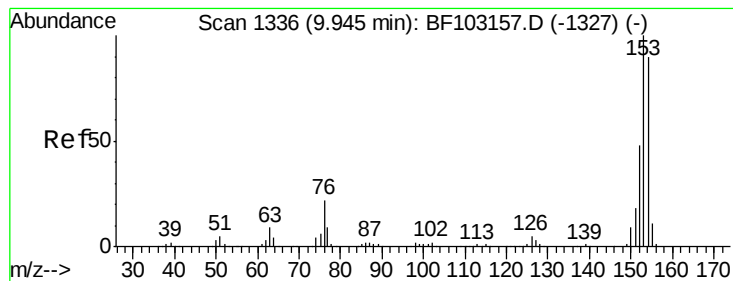


#50
2,6-Dinitrotoluene
Concen: 28.220 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	165	Resp	125032
Ion Ratio	Lower	Upper	
165	100		
63	66.3	44.7	67.1
89	56.2	44.0	66.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 28.428 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Instrument :

BNA_F

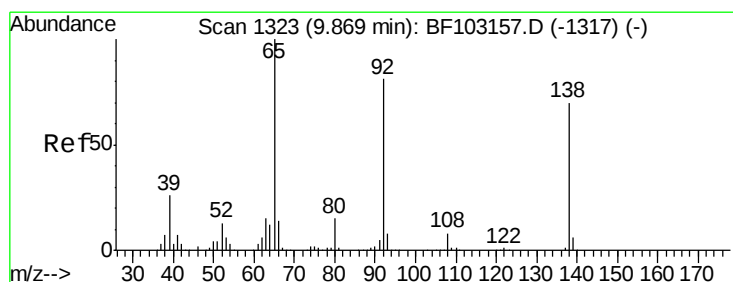
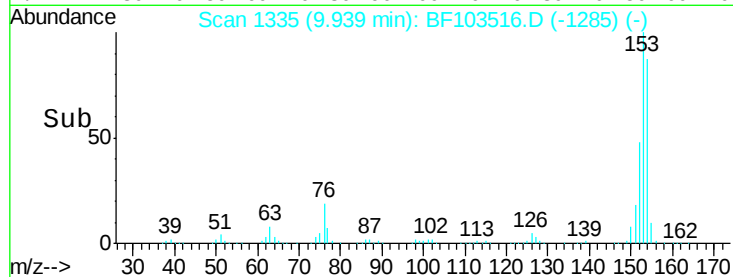
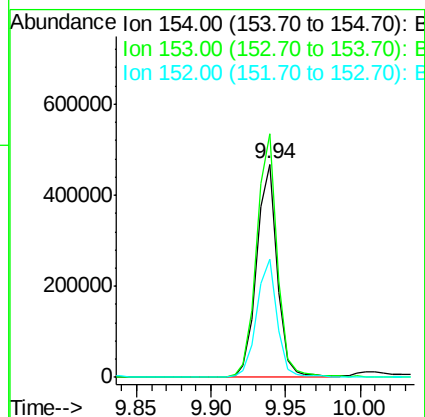
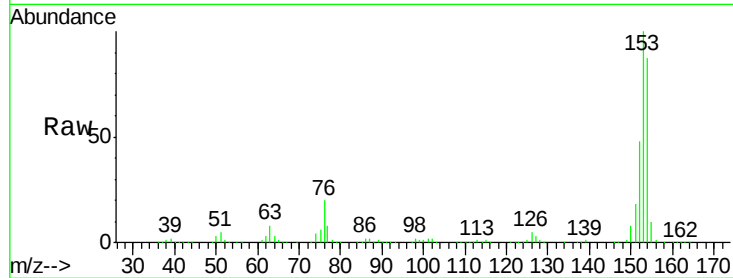
ClientSampleId :

PB107144BS

Tot Ion:	154	Resp:	444995
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.2	136.8
152	55.4	43.8	65.8

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#52

3-Nitroaniline

Concen: 20.028 ng

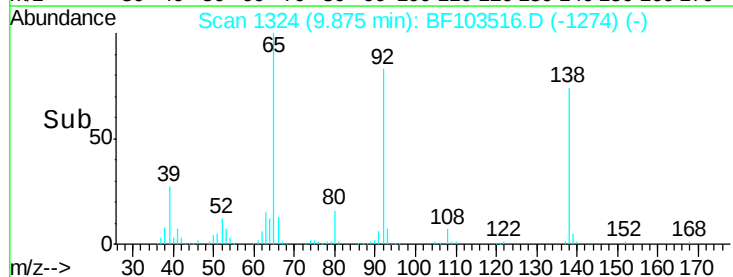
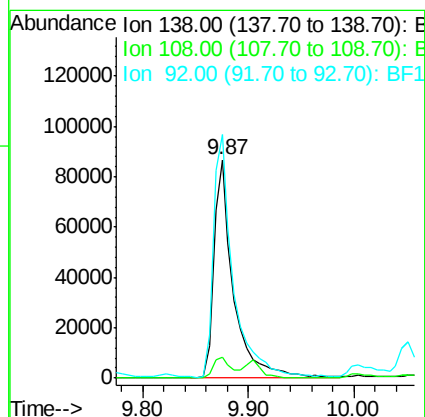
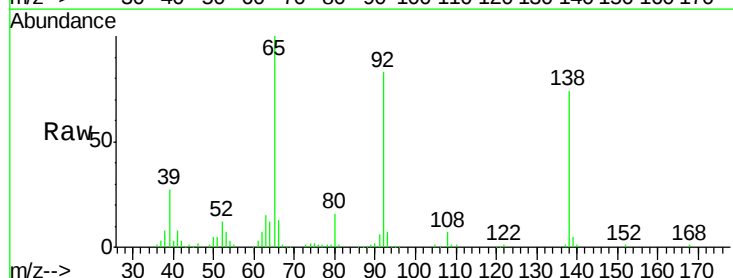
RT: 9.87 min Scan# 1324

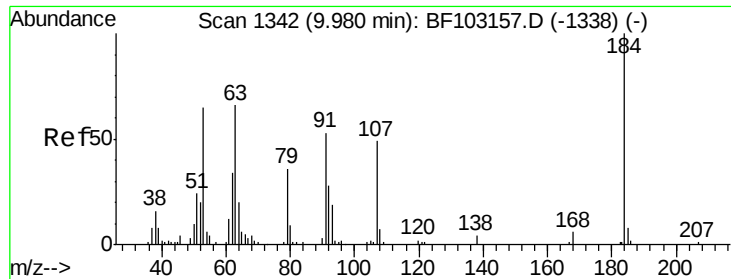
Delta R.T. -0.01 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Tgt Ion:	138	Resp:	112581
Ion Ratio	Lower	Upper	
138	100		
108	9.3	9.4	14.0#
92	111.5	89.4	134.2





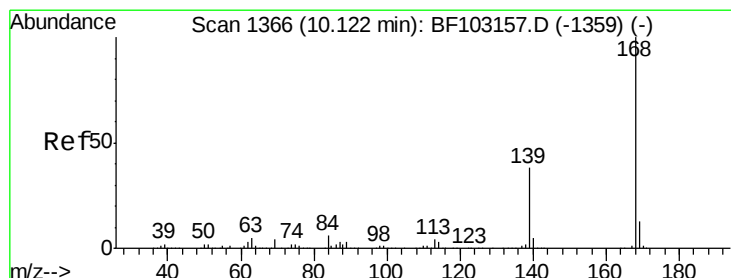
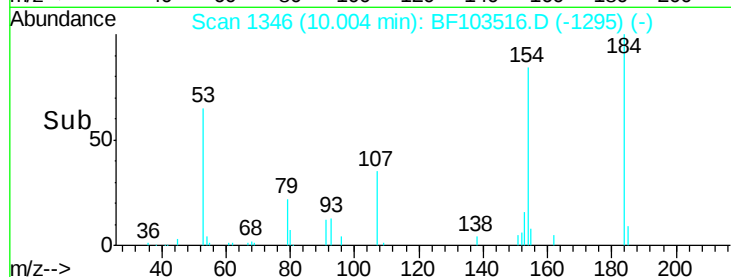
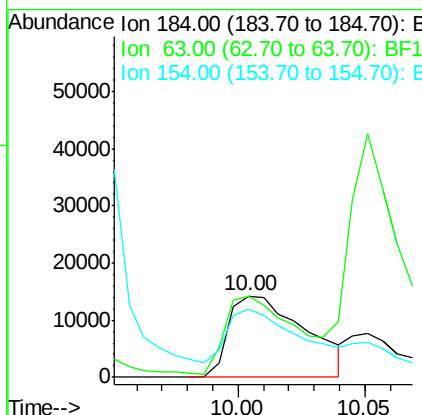
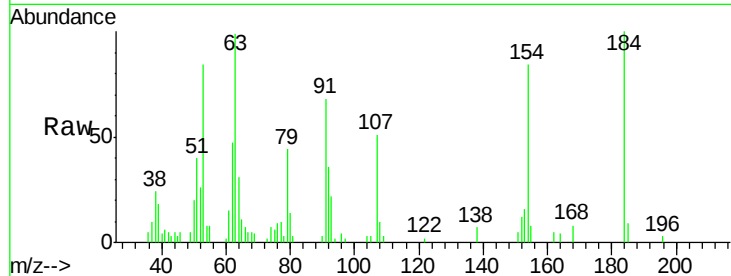
#53
2,4-Dinitrophenol
Concen: 26.027 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampled :
PB107144BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	99.0	54.2	81.2#	
154	84.5	184.0	276.0#	

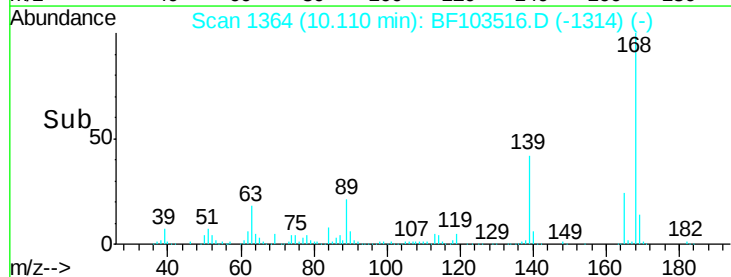
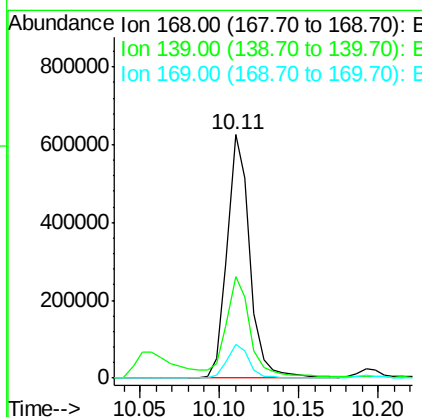
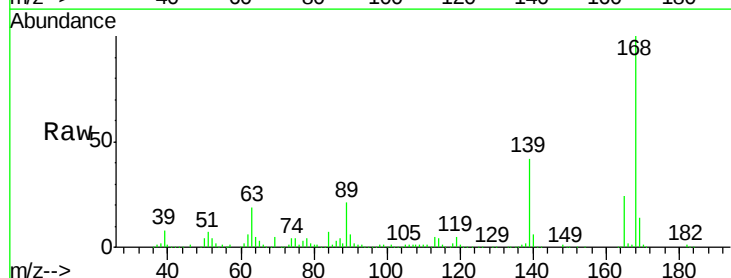
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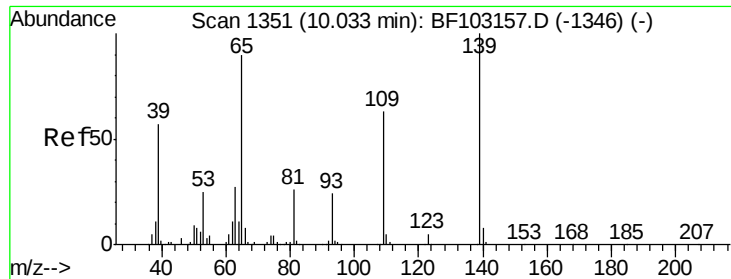
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#54
Dibenzofuran
Concen: 29.067 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.7	30.1	45.1	
169	14.0	10.9	16.3	





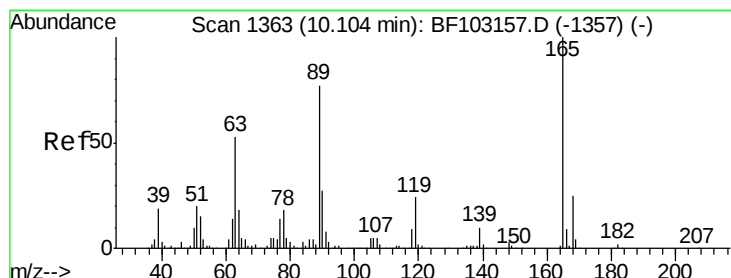
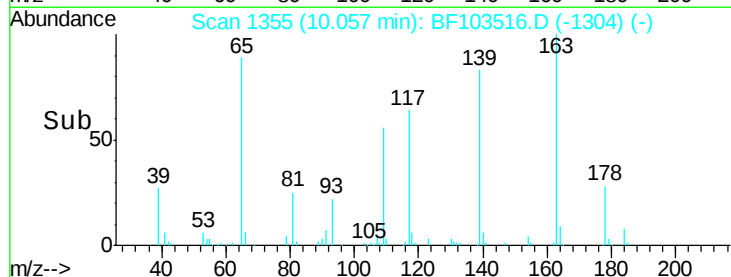
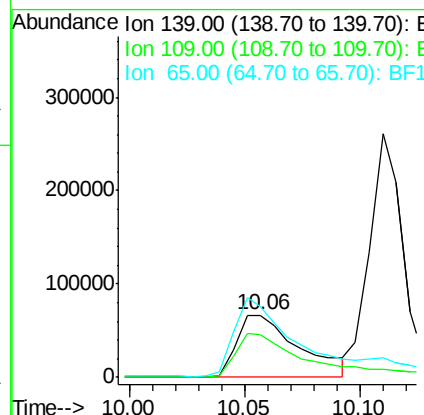
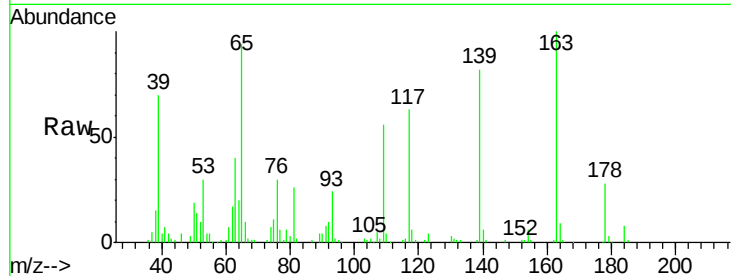
#55
4-Nitrophenol
Concen: 35.752 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	124556		
109	68.2	48.4	88.4	
65	114.4	72.6	112.6	

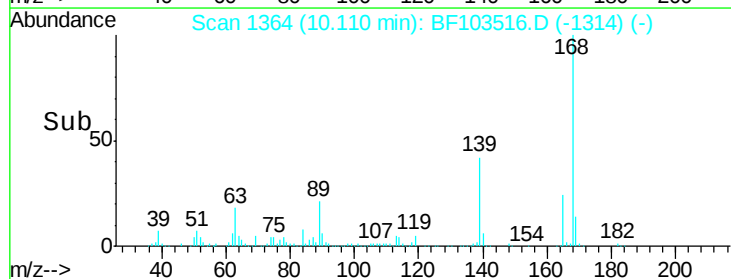
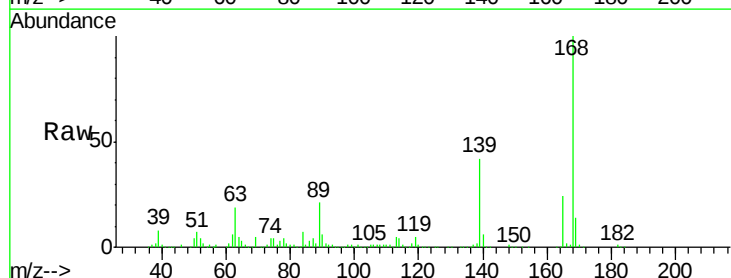
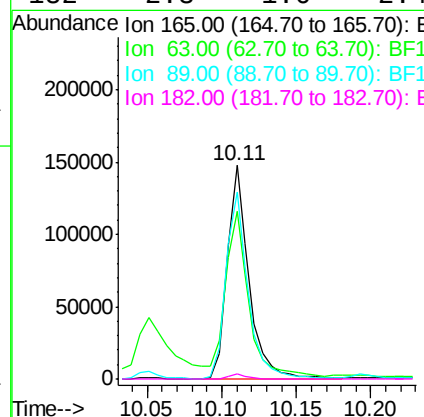
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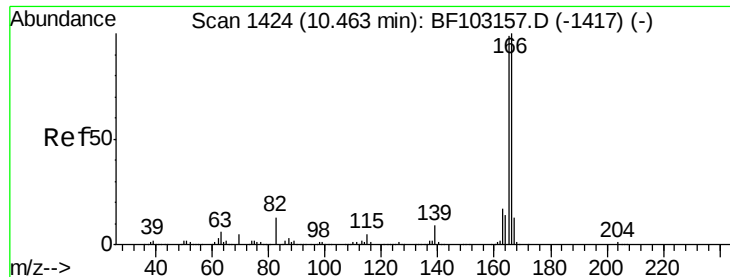
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#56
2,4-Dinitrotoluene
Concen: 27.287 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	152904		
63	78.7	36.4	54.6	
89	87.3	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 27.891 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Instrument :

BNA_F

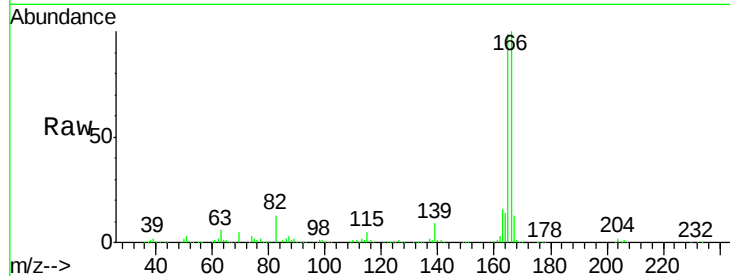
ClientSampleId :

PB107144BS

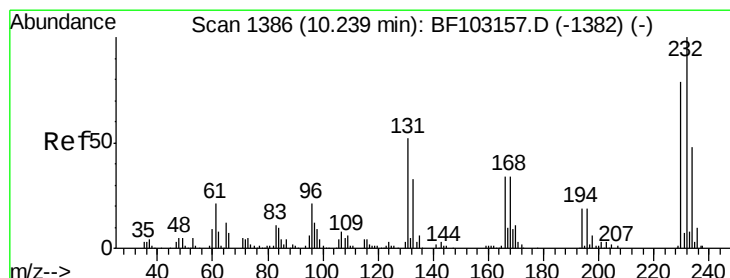
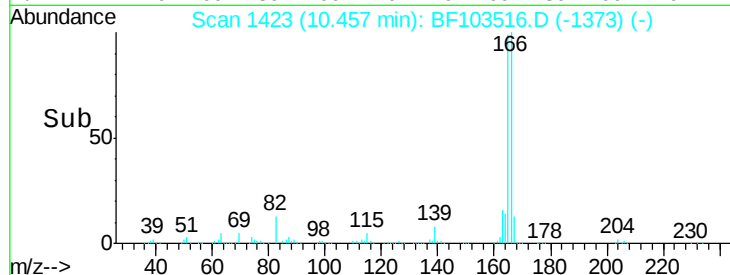
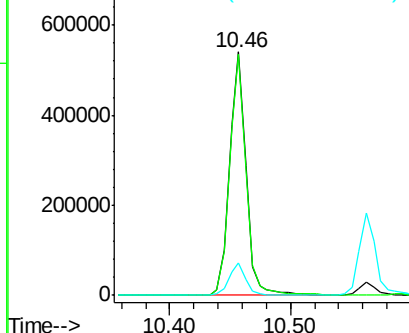
Tot Ion:	166	Resp:	510547
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.8	119.8
167	13.4	10.6	16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 26.574 ng

RT: 10.24 min Scan# 1386

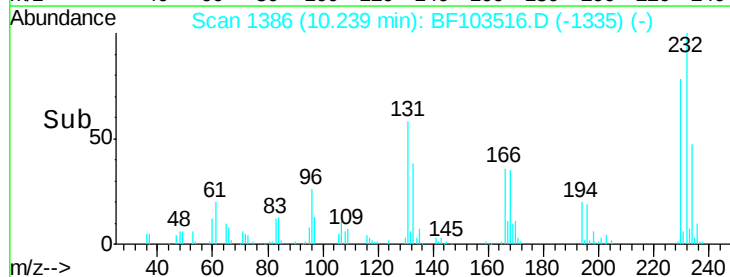
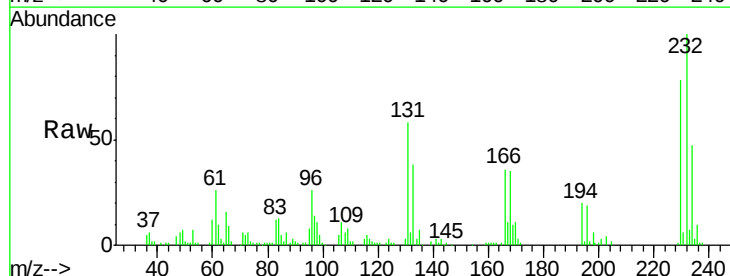
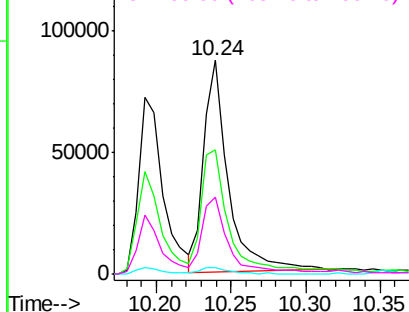
Delta R.T. 0.00 min

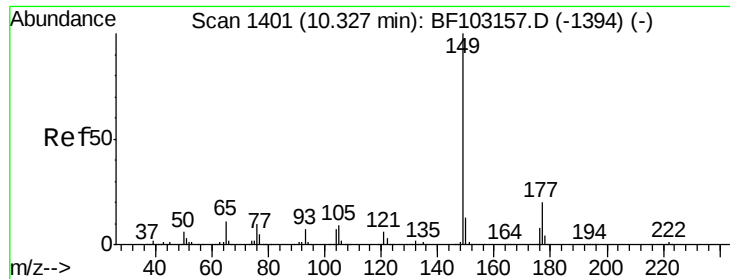
Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Tgt Ion:	232	Resp:	99403
Ion Ratio	Lower	Upper	
232	100		
131	59.1	43.8	65.8
130	3.5	2.1	3.1#
166	35.7	27.8	41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





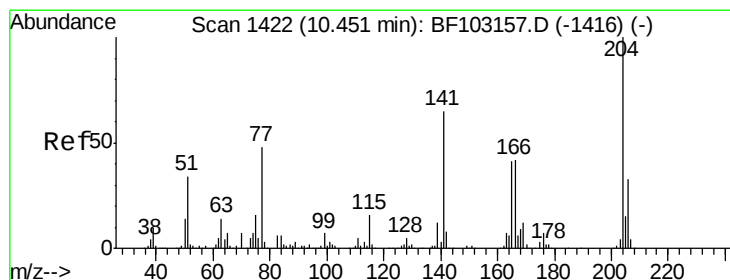
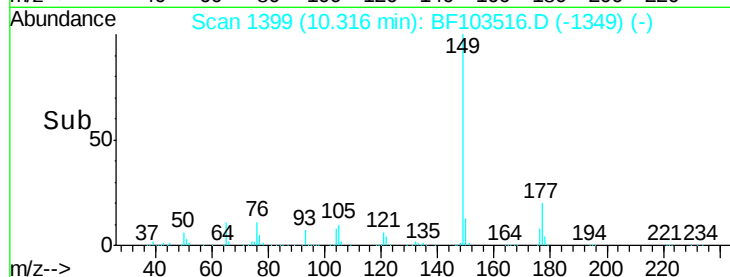
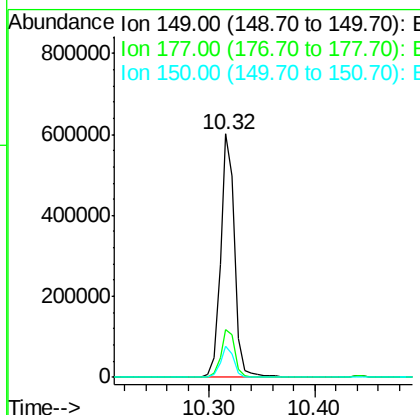
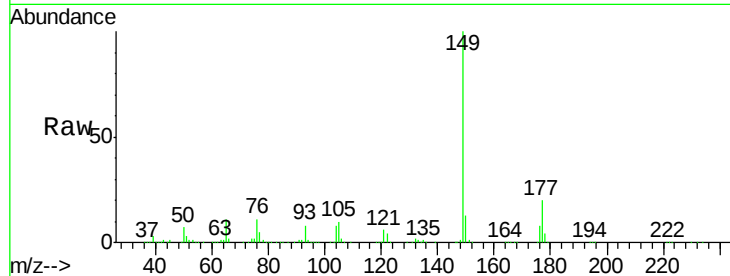
#59
Diethylphthalate
Concen: 27.794 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampled :
PB107144BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.7	16.1	24.1
150	12.8	10.1	15.1

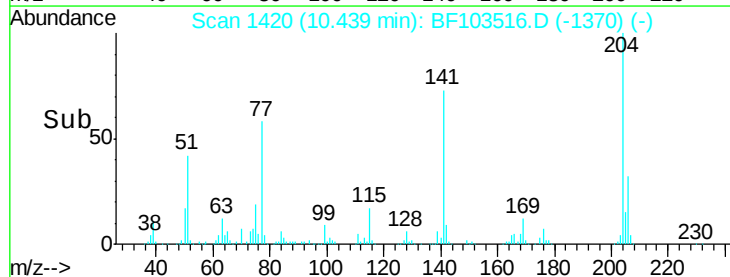
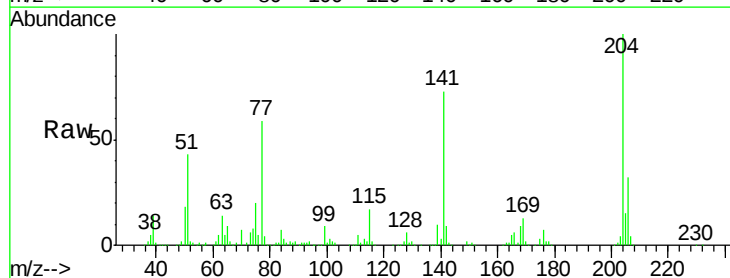
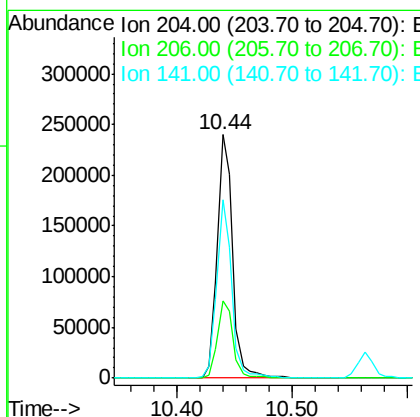
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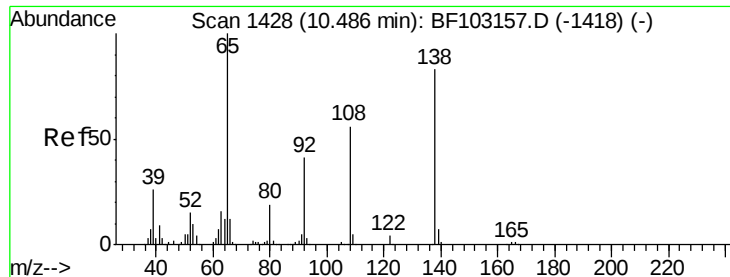
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#60
4-Chlorophenyl-phenylether
Concen: 28.741 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.5	39.7
141	73.3	54.6	81.8





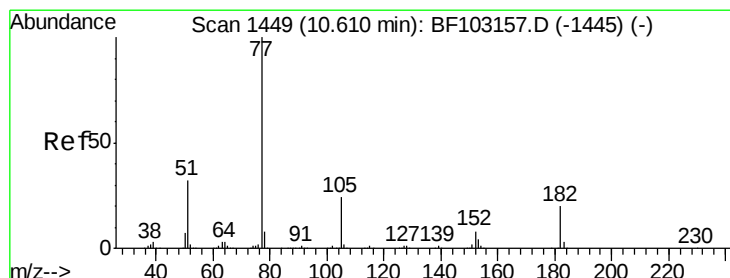
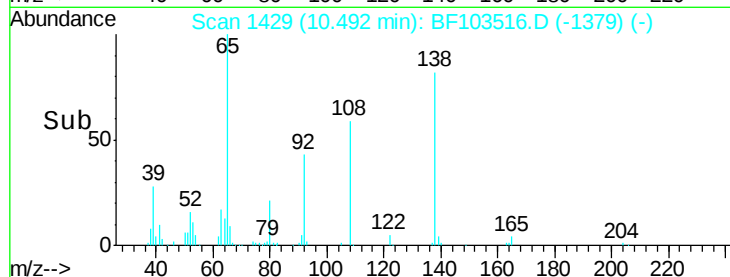
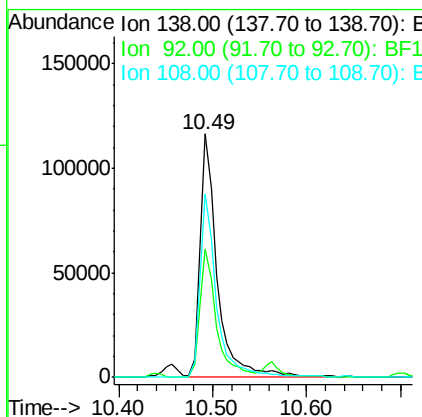
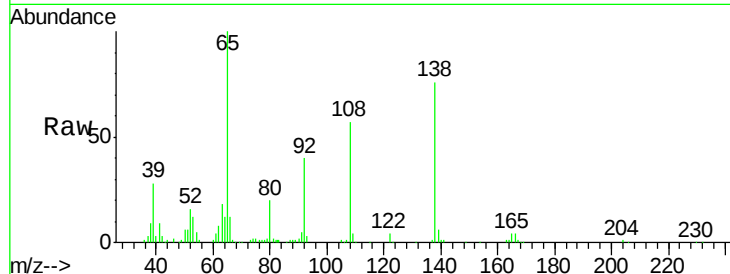
#61
4-Nitroaniline
Concen: 26.550 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.7	30.2	70.2
108	75.1	52.5	92.5

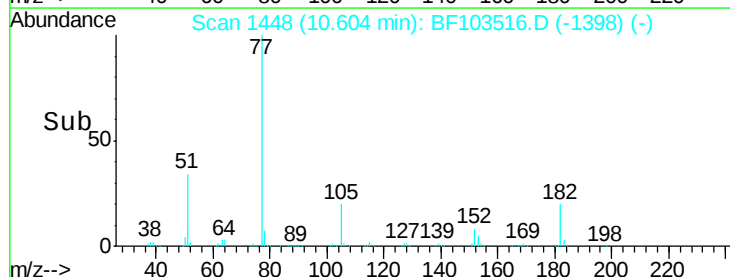
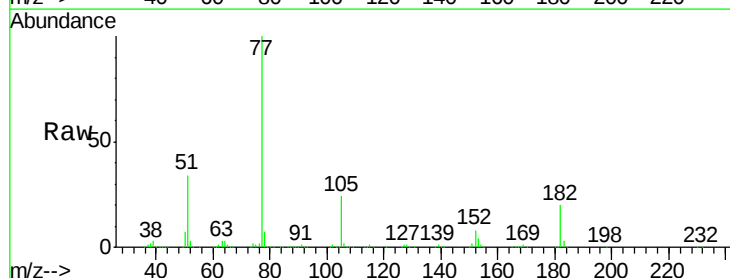
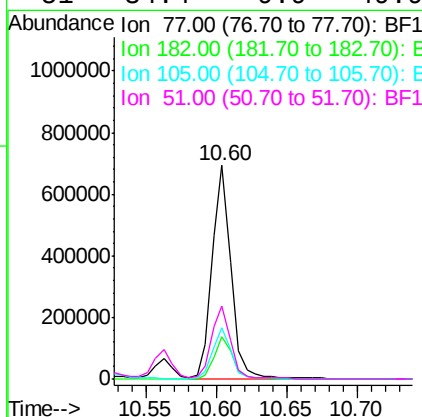
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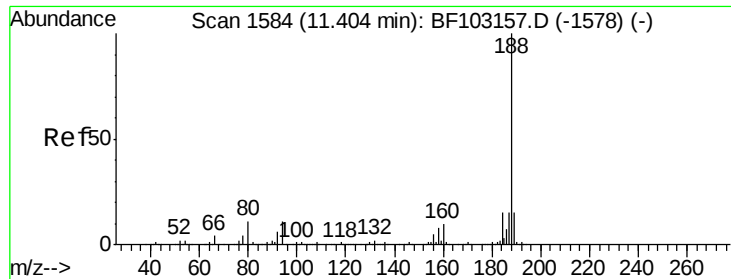
Sohil
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#62
Azobenzene
Concen: 31.095 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.8	1.7	41.7
105	23.8	3.0	43.0
51	34.4	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Instrument :

BNA_F

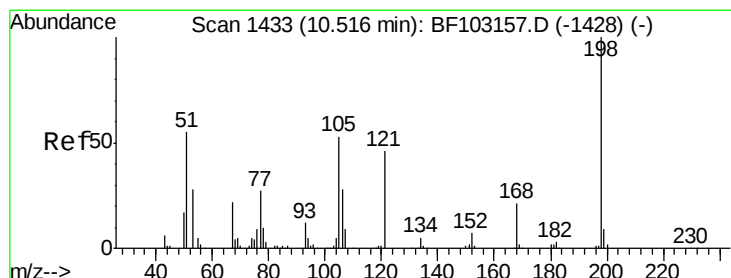
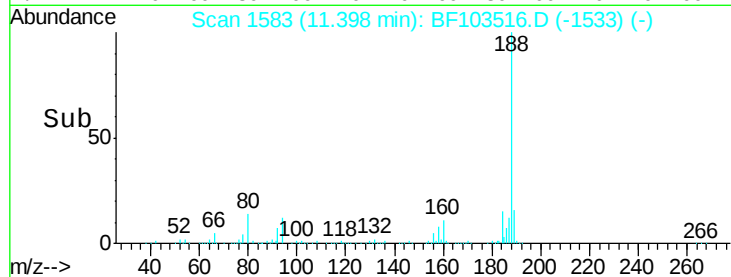
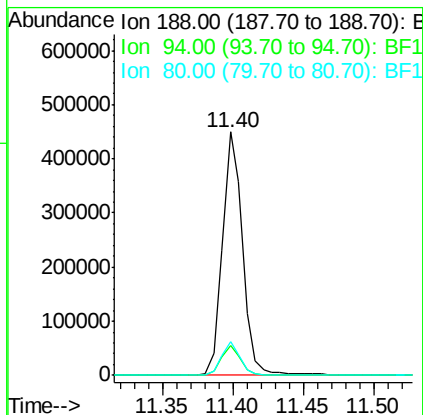
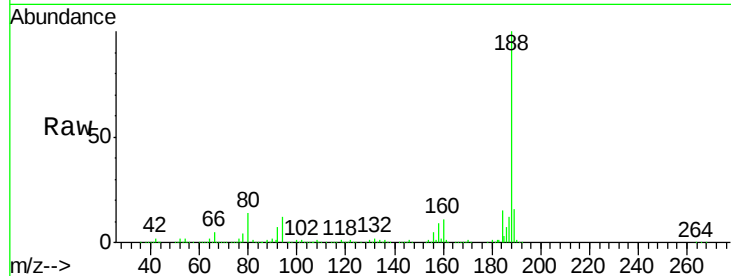
ClientSampleId :

PB107144BS

Tot Ion:	188	Resp:	445825
Ion Ratio	Lower	Upper	
188	100		
94	12.3	8.5	12.7
80	13.6	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 17.030 ng

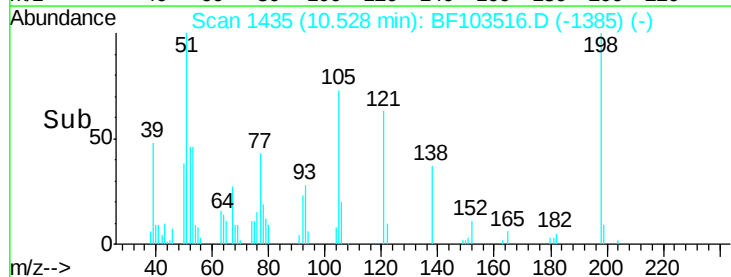
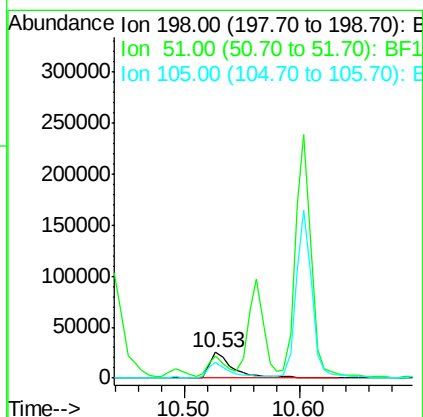
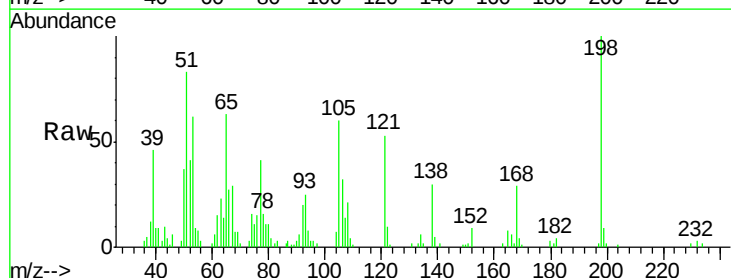
RT: 10.53 min Scan# 1435

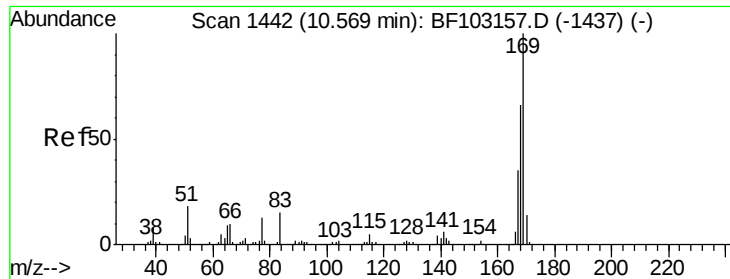
Delta R.T. -0.01 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Tgt Ion:	198	Resp:	36548
Ion Ratio	Lower	Upper	
198	100		
51	83.1	37.7	77.7#
105	59.7	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 29.539 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Instrument :

BNA_F

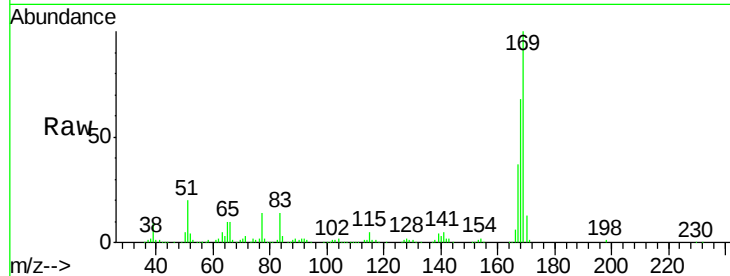
ClientSampleId :

PB107144BS

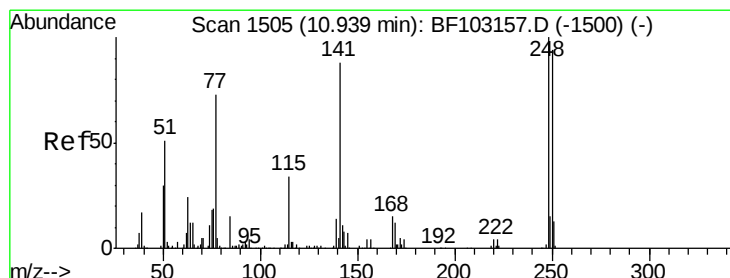
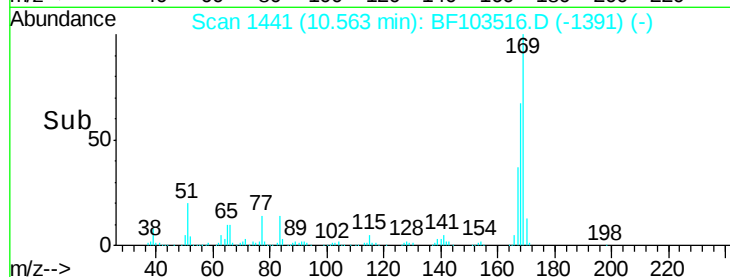
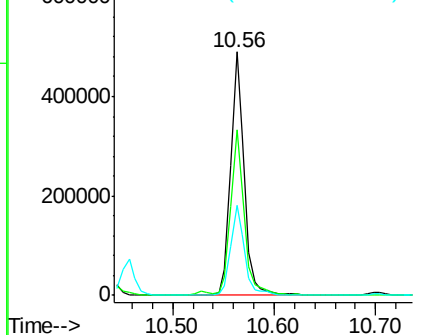
Tot Ion:	169	Resp:	458536
Ion Ratio	Lower	Upper	
169	100		
168	68.0	54.4	81.6
167	37.2	29.8	44.6

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



#66

4-Bromophenyl-phenylether

Concen: 28.108 ng

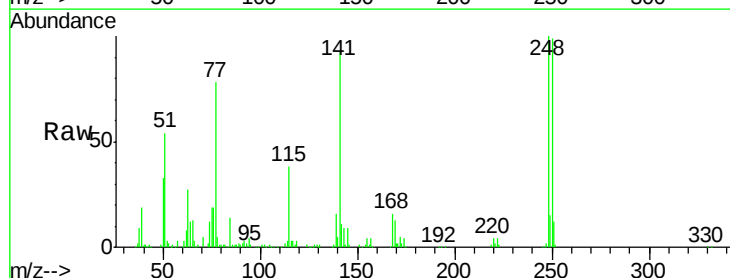
RT: 10.93 min Scan# 1504

Delta R.T. -0.01 min

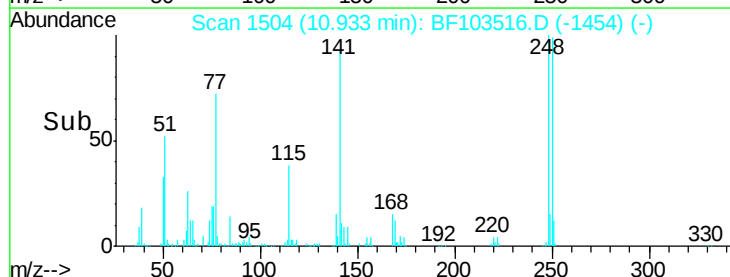
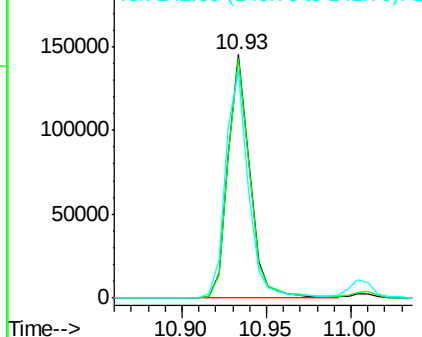
Lab File: BF103516.D

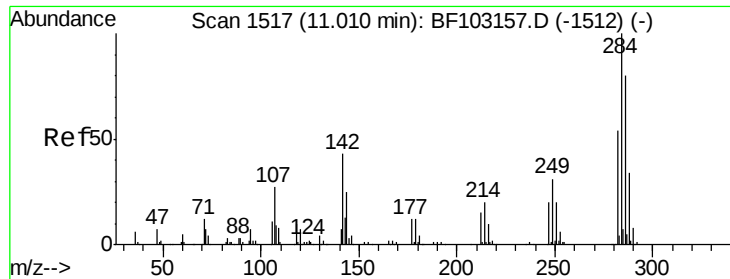
Acq: 8 Mar 2018 15:08

Tgt Ion:	248	Resp:	130539
Ion Ratio	Lower	Upper	
248	100		
250	98.7	76.9	115.3
141	93.4	74.4	111.6



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





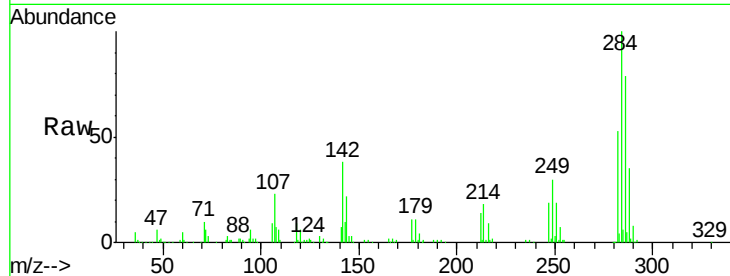
#67
Hexachlorobenzene
Concen: 26.383 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

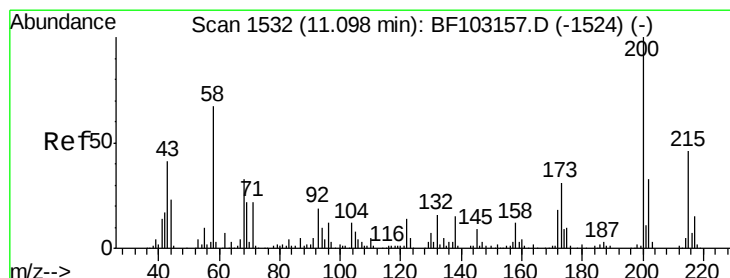
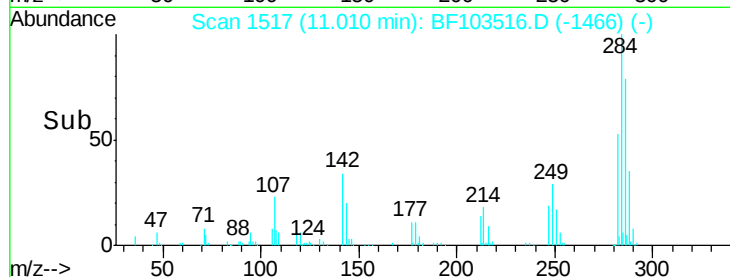
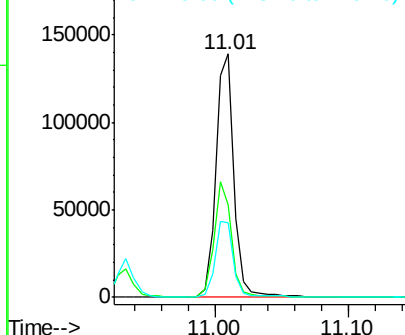
Tot Ion	Ratio	Resp	Lower	Upper
284	100	132993		
142	37.8	34.6	52.0	
249	30.5	24.8	37.2	

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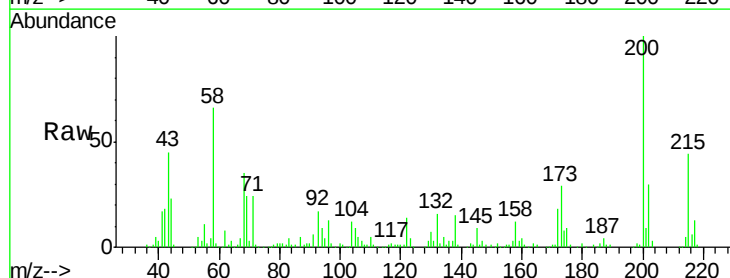


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

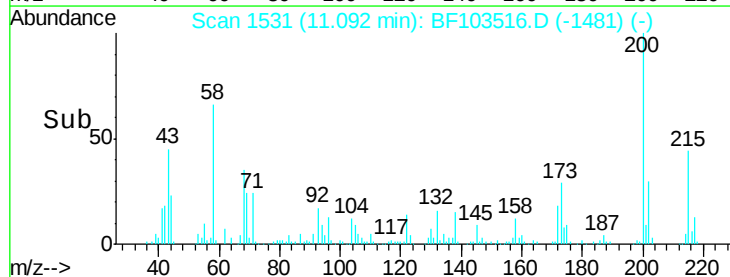
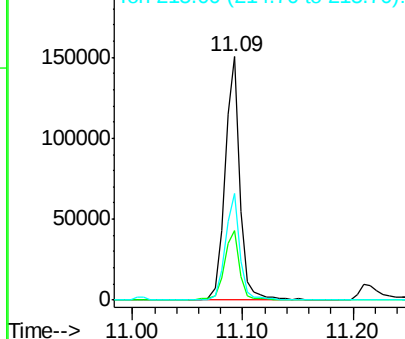


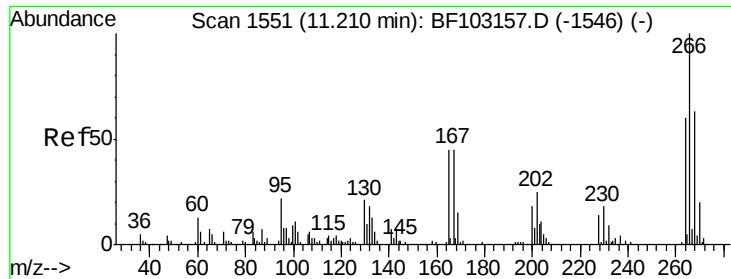
#68
Atrazine
Concen: 30.356 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	141633		
173	28.8	8.6	48.6	
215	43.7	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





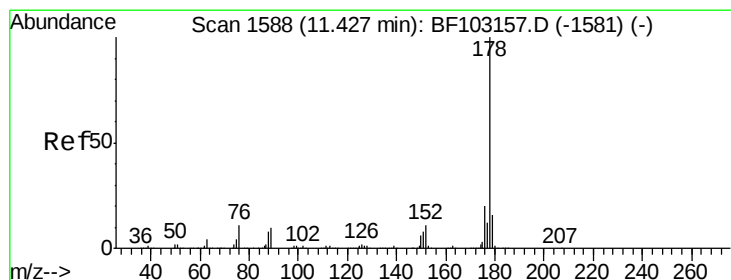
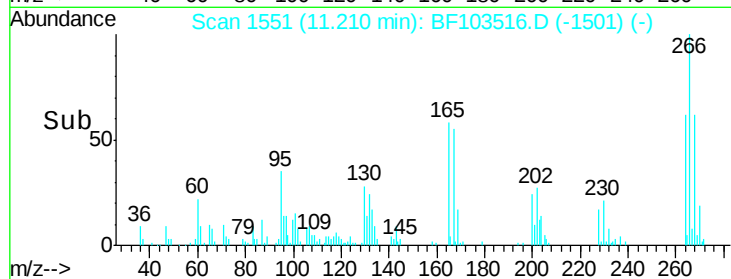
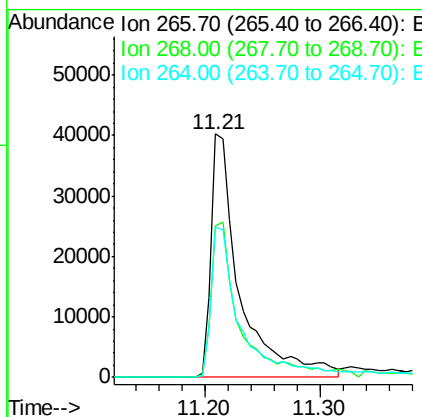
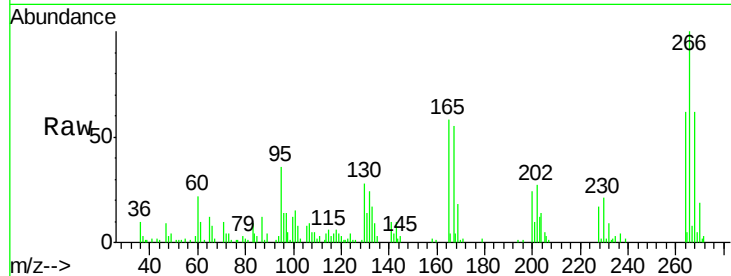
#69
 Pentachlorophenol
 Concen: 28.740 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF103516.D
 Acq: 8 Mar 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB107144BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	61.8	49.5	74.3

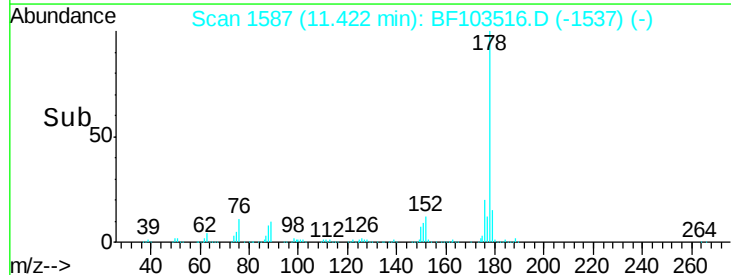
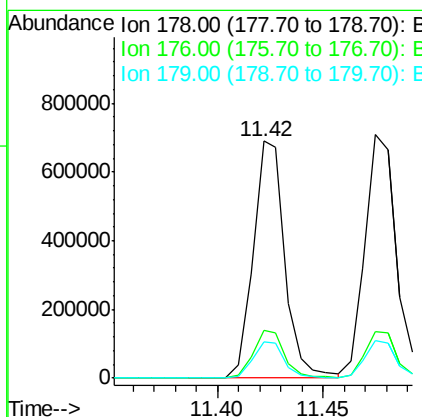
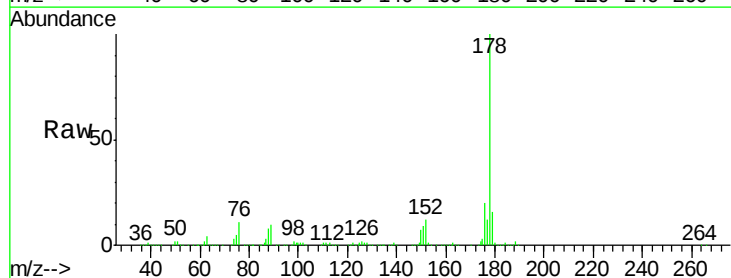
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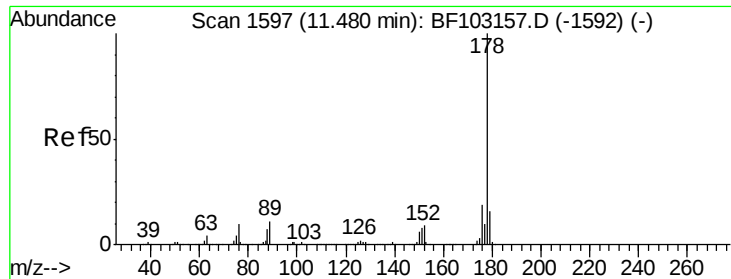
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#70
 Phenanthrene
 Concen: 29.267 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103516.D
 Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.5	13.0	19.6





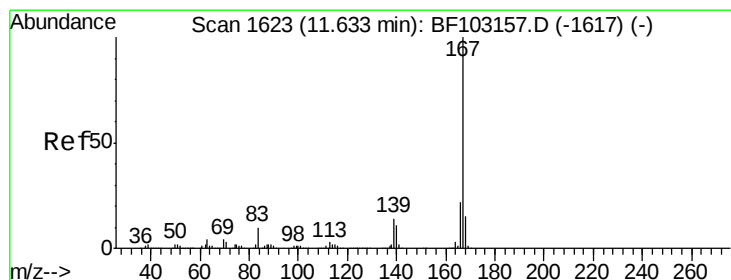
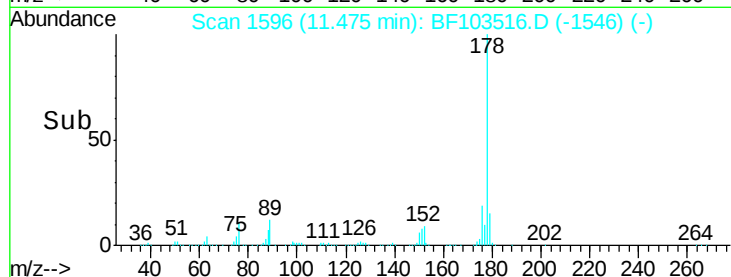
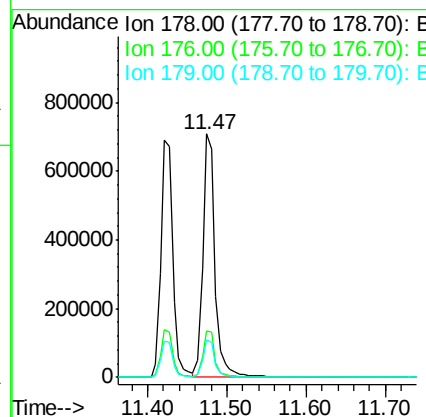
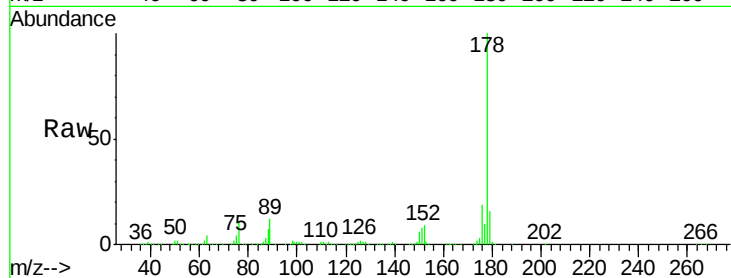
#71
 Anthracene
 Concen: 30.535 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103516.D
 Acq: 8 Mar 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB107144BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.6	12.6	19.0

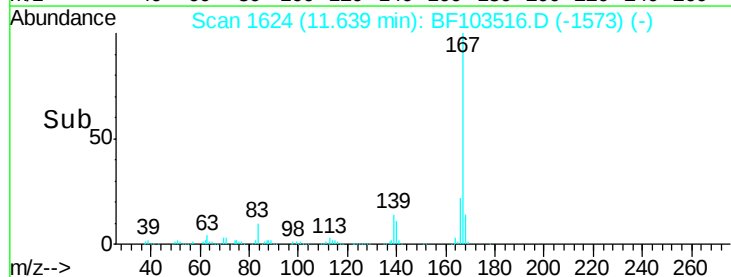
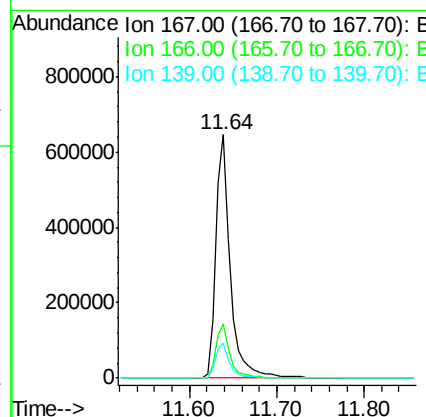
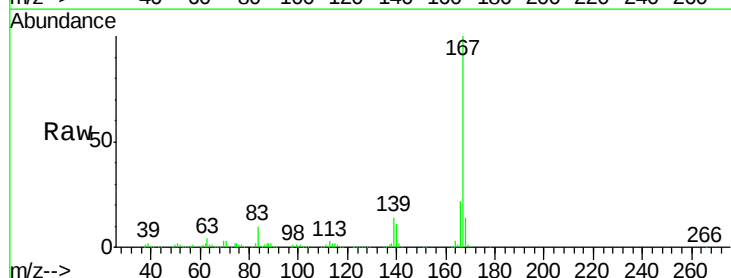
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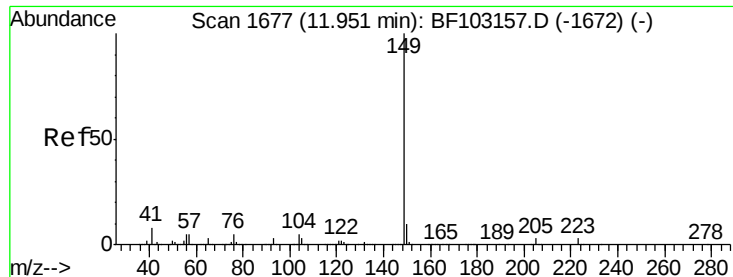
Sohil
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#72
 Carbazole
 Concen: 29.725 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103516.D
 Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	14.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 30.259 ng

RT: 11.95 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Instrument :

BNA_F

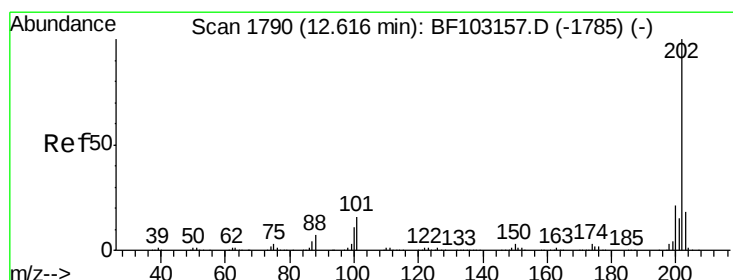
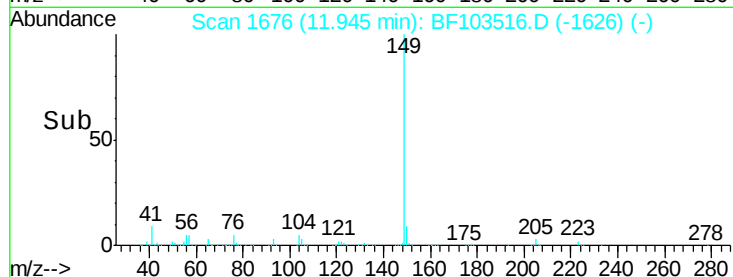
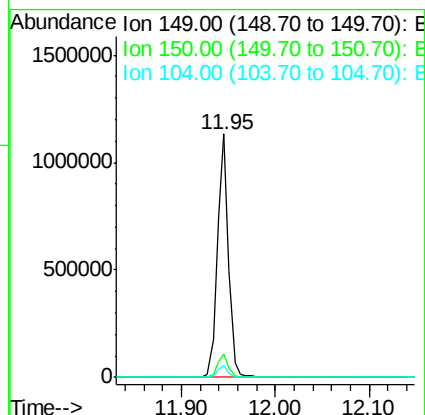
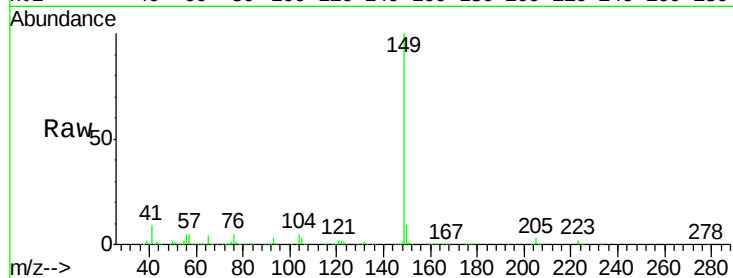
ClientSampleId :

PB107144BS

Tot Ion:	149	Resp:	948632
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	5.1	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 29.676 ng

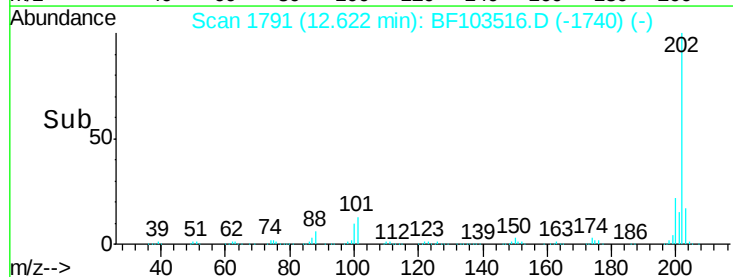
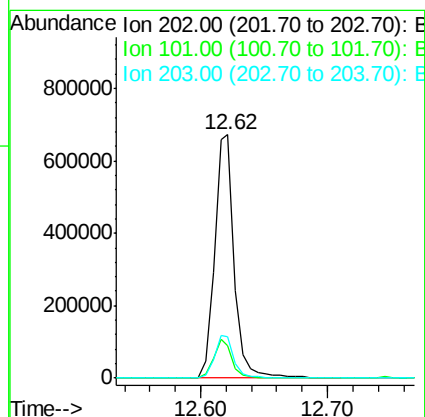
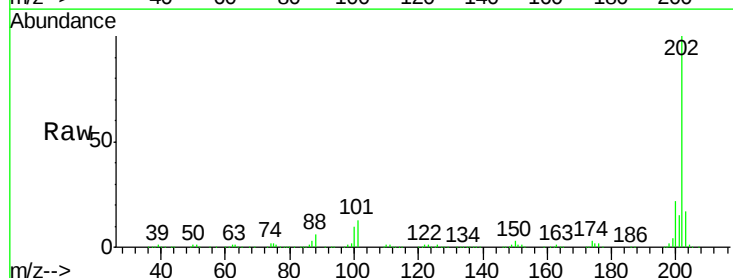
RT: 12.62 min Scan# 1791

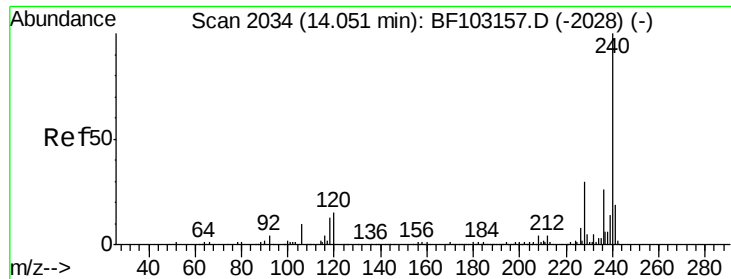
Delta R.T. 0.00 min

Lab File: BF103516.D

Acq: 8 Mar 2018 15:08

Tgt Ion:	202	Resp:	731653
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	34.1
203	17.2	0.0	38.1





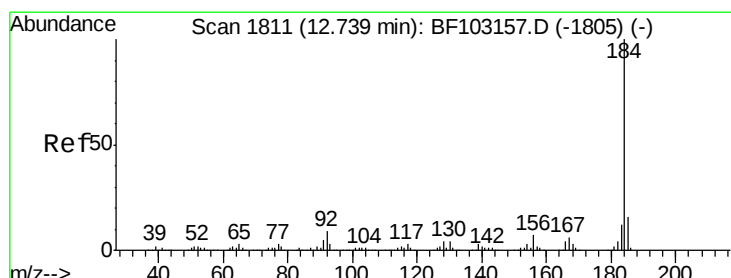
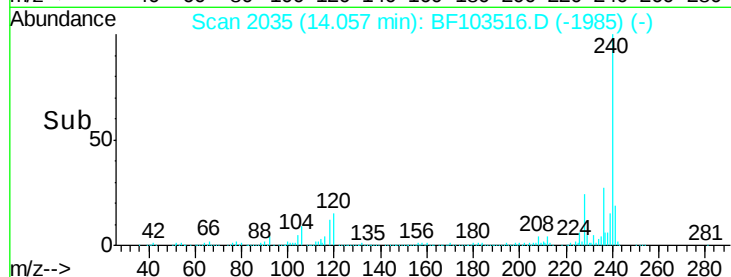
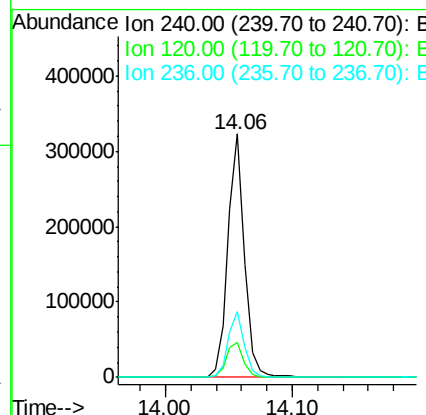
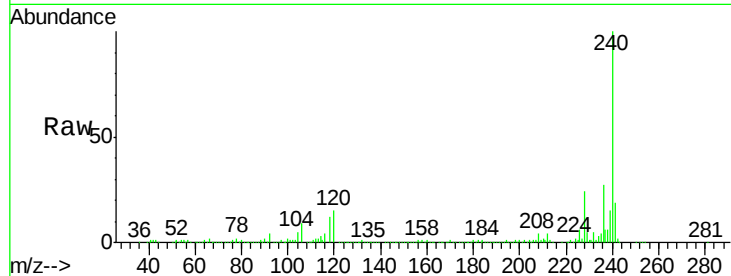
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	27.0	20.7	31.1

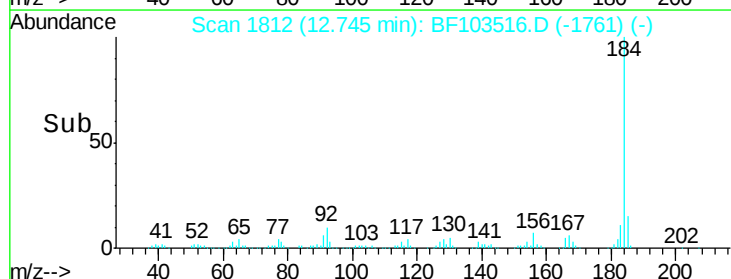
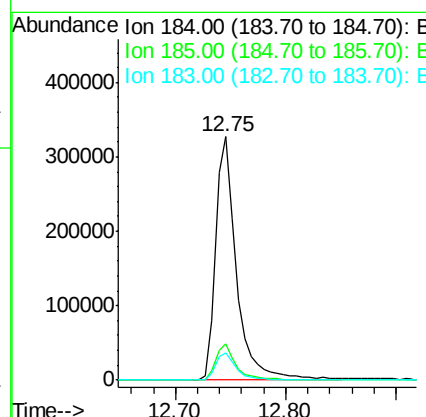
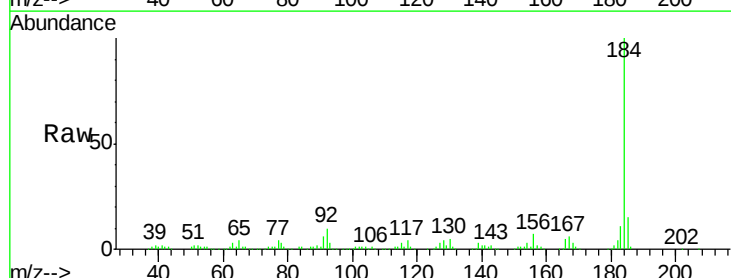
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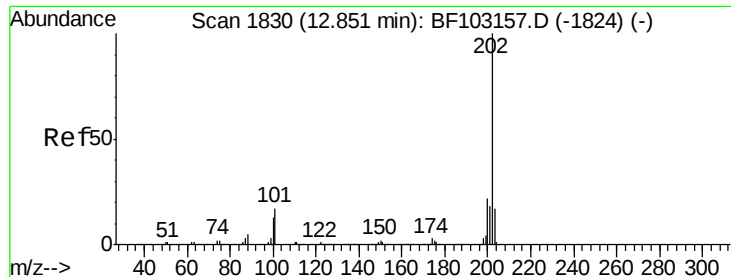
Sohil
3/9/2018 11:39:22 AM



#76
Benzidine
Concen: 38.299 ng
RT: 12.75 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	18.8
183	11.1	9.3	13.9





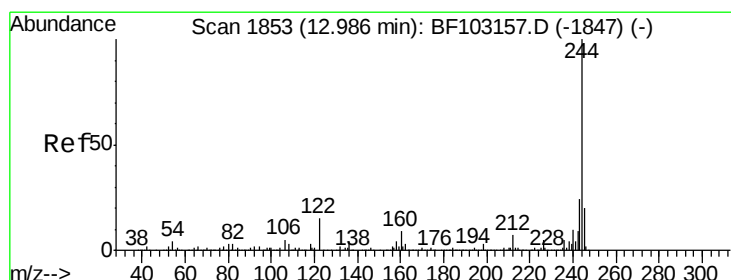
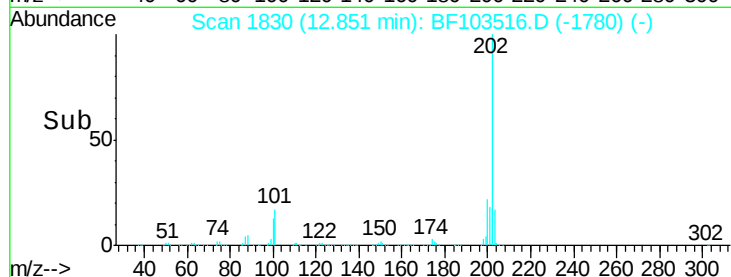
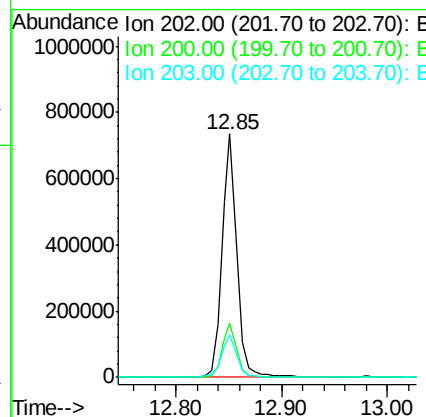
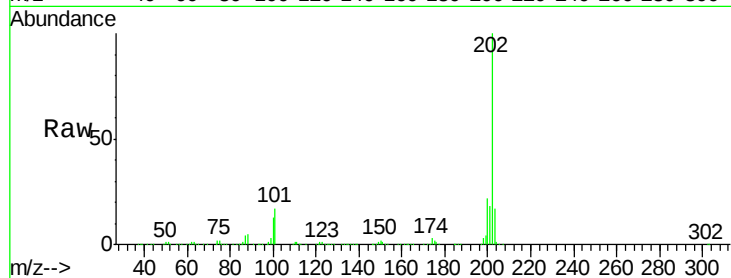
#77
Pvrene
Concen: 31.765 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

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

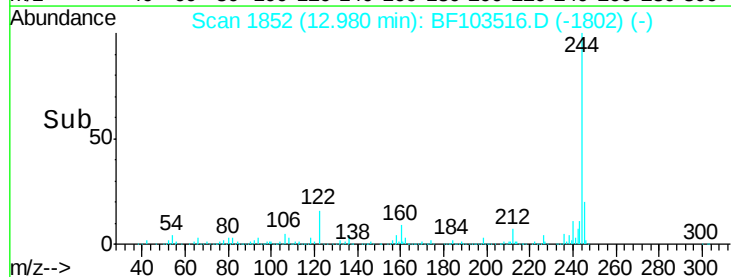
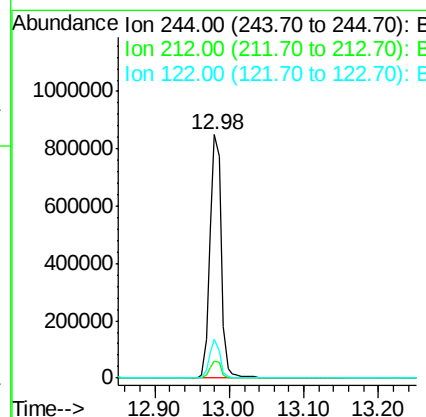
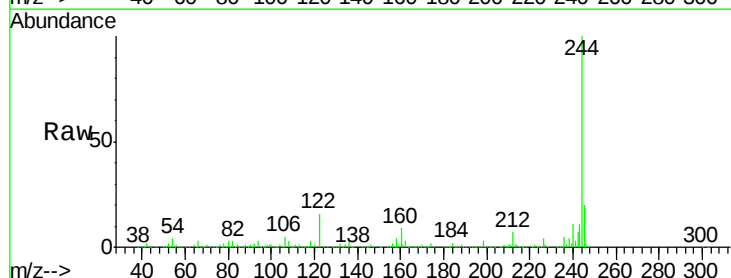
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APPROVED

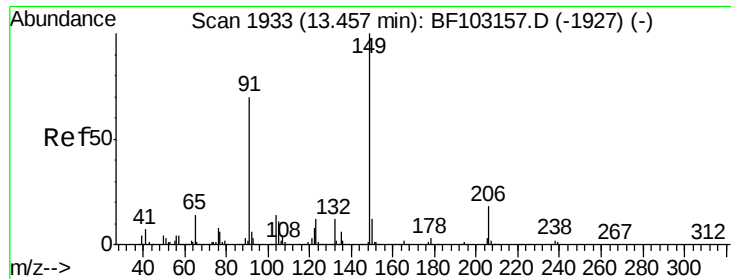
Sohil
3/9/2018 11:39:22 AM



#78
Terphenyl-d14
Concen: 74.344 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	15.7	11.0	16.4





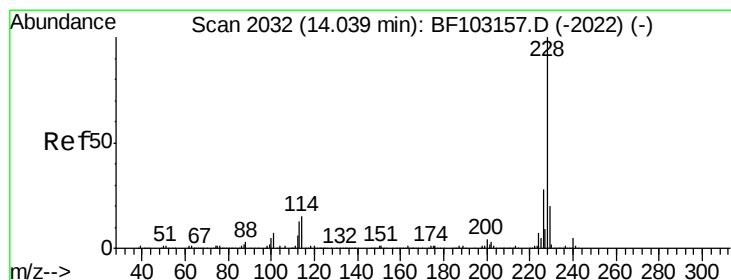
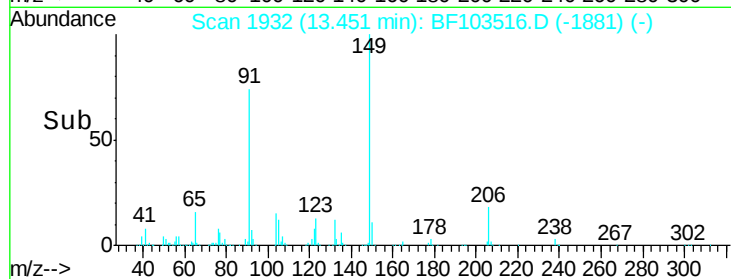
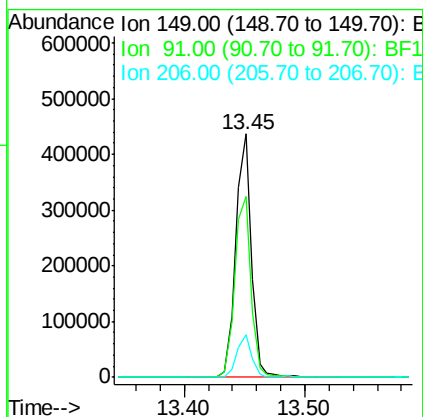
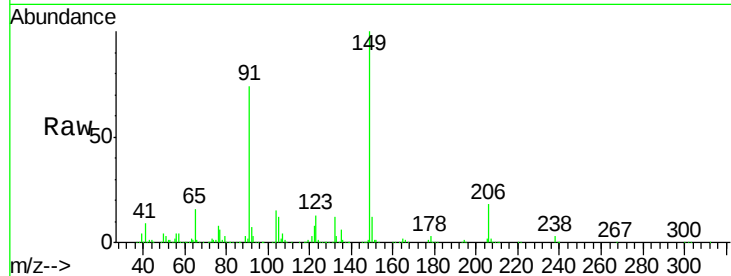
#79
Butylbenzylphthalate
Concen: 32.687 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.0	56.8	85.2
206	17.6	14.1	21.1

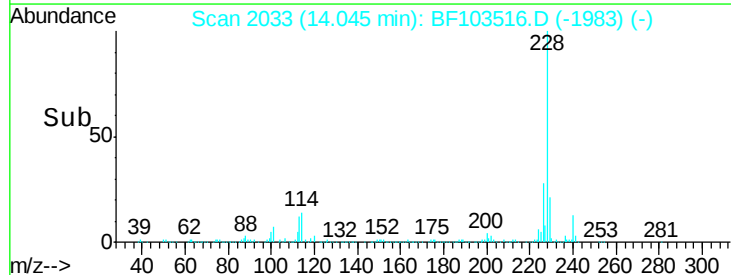
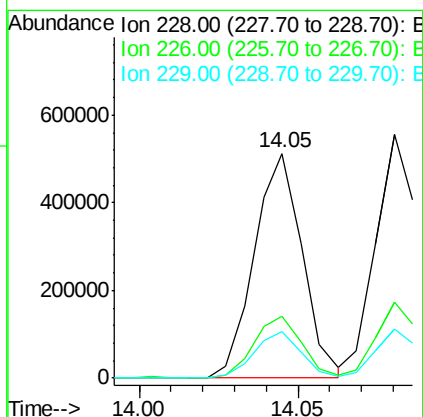
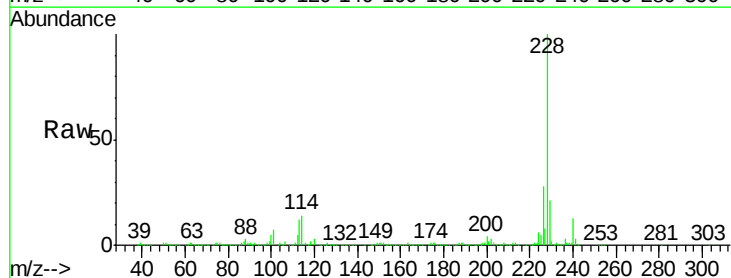
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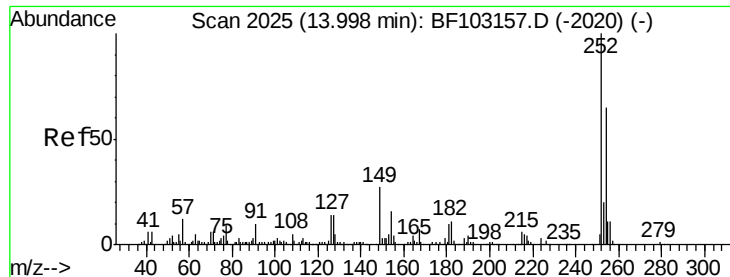
Sohil
3/9/2018 11:39:22 AM



#80
Benzo(a)anthracene
Concen: 28.092 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.7	15.8	23.6





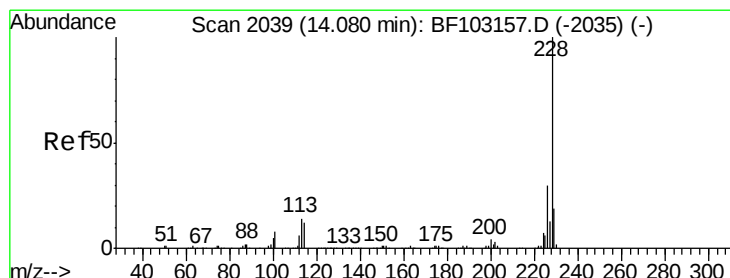
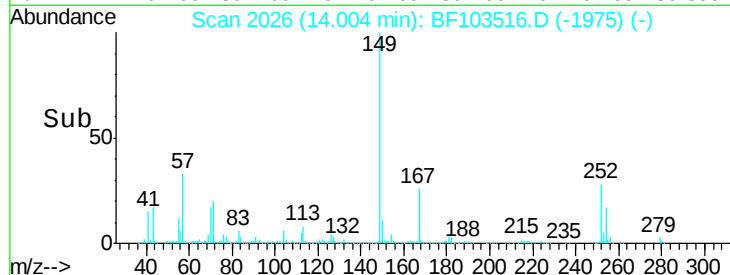
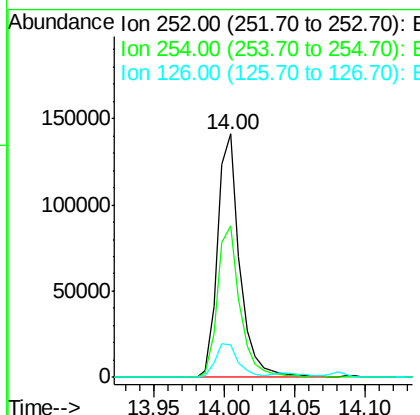
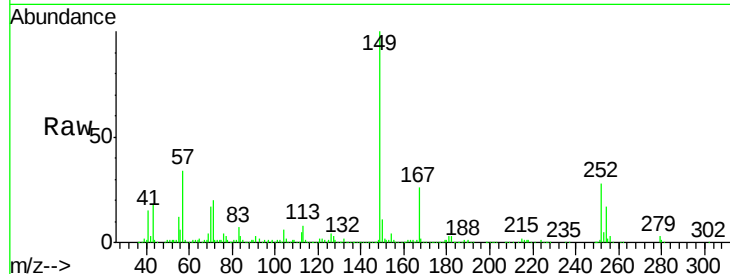
#81
 3,3'-Dichlorobenzidine
 Concen: 22.667 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103516.D
 Acq: 8 Mar 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB107144BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.2	50.4	75.6
126	13.2	11.3	16.9

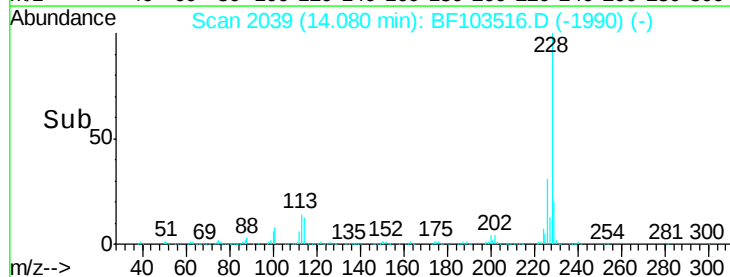
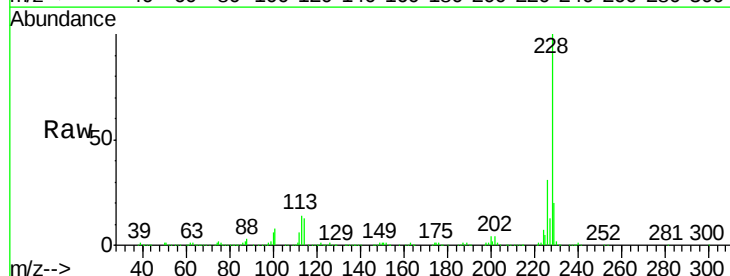
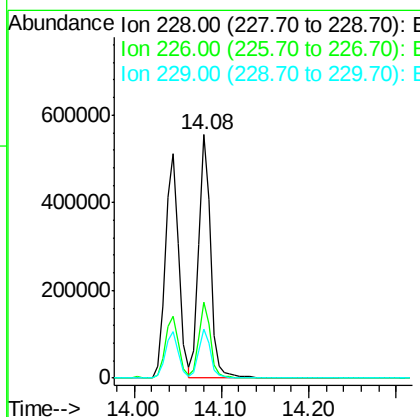
Manual Integrations
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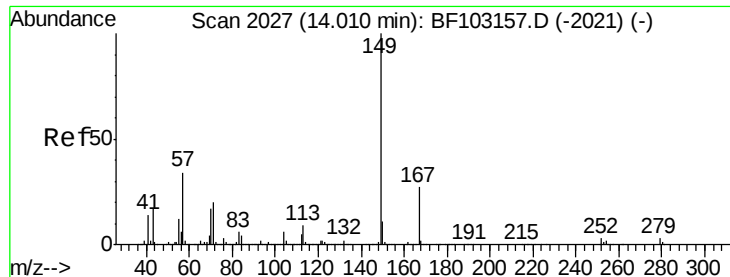
Sohil
 3/9/2018 11:39:22 AM



#82
 Chrysene
 Concen: 28.722 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103516.D
 Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.4	16.2	24.4





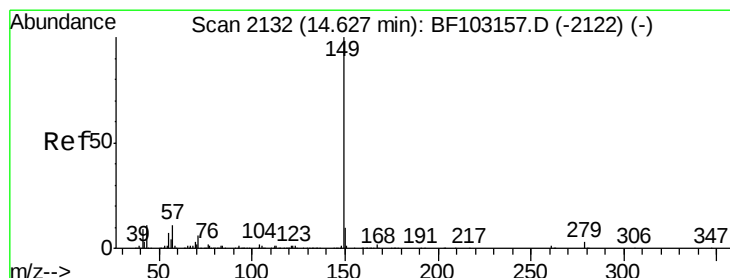
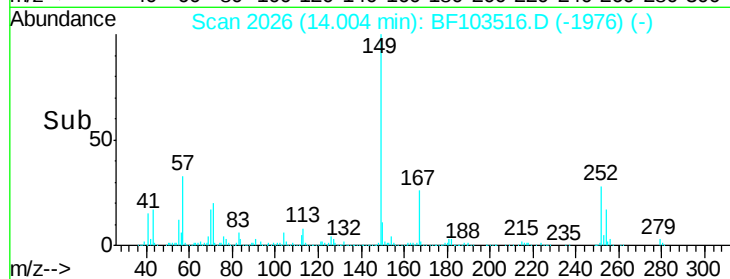
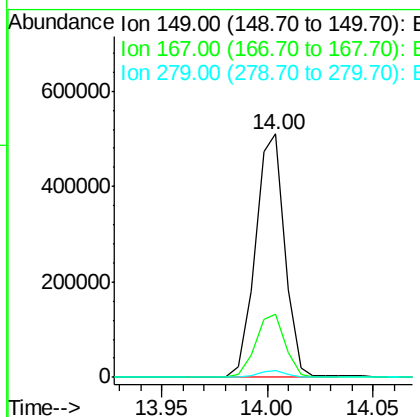
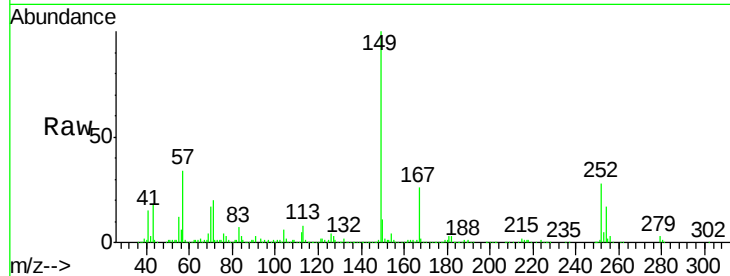
#83
Bis(2-ethylhexyl)phthalate
Concen: 30.111 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		493369		
167	25.8	21.3	31.9		
279	2.9	3.0	4.4#		

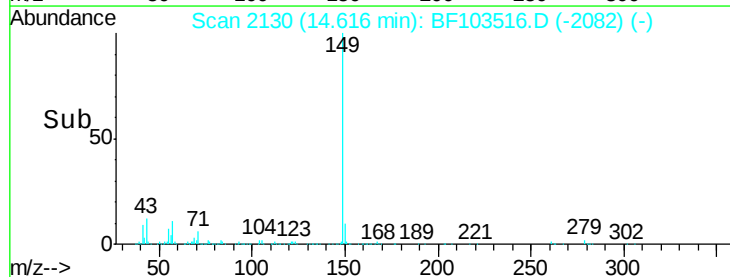
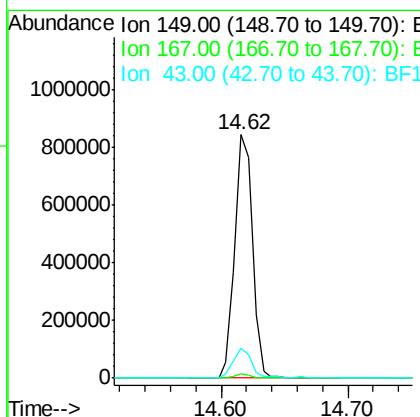
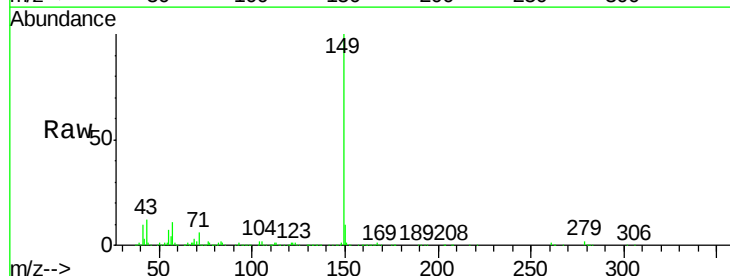
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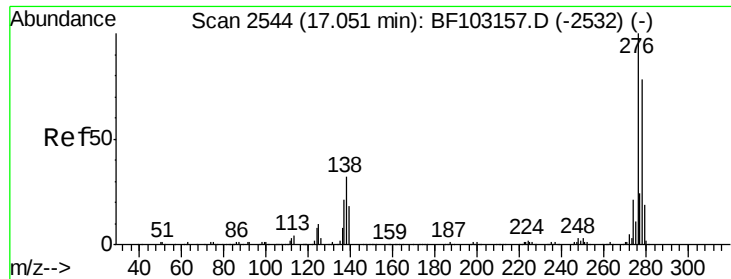
Sohil
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#84
Di-n-octyl phthalate
Concen: 30.661 ng
RT: 14.62 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		811700		
167	1.6	1.2	1.8		
43	11.6	8.4	12.6		





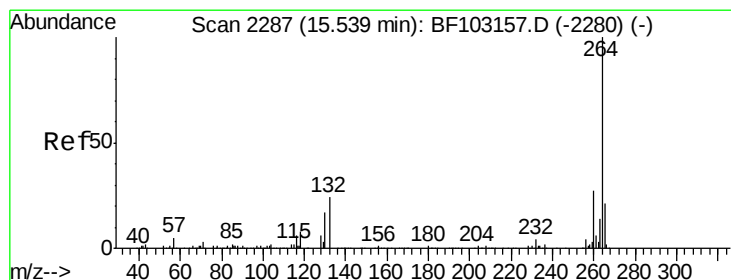
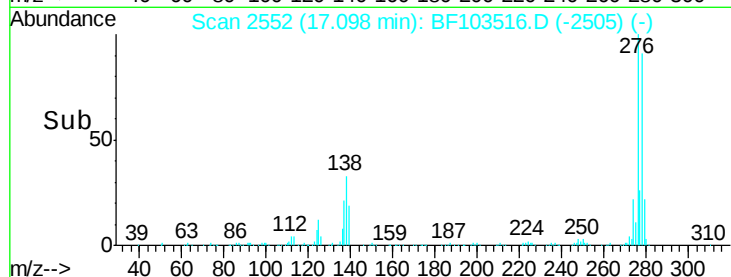
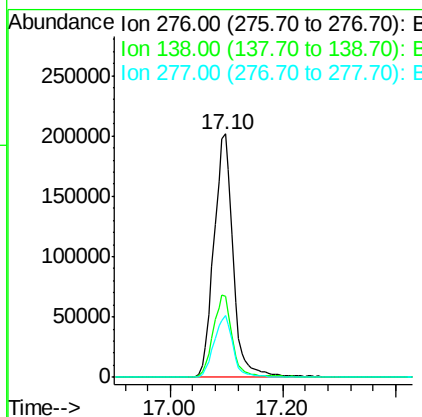
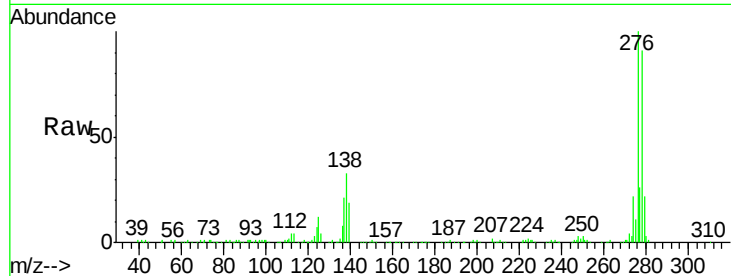
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.527 ng
RT: 17.10 min Scan# 2552
Delta R.T. -0.02 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampled :
PB107144BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	25.0	37.6
277	25.1	20.1	30.1

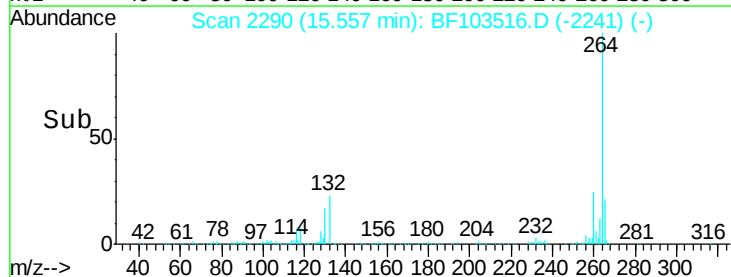
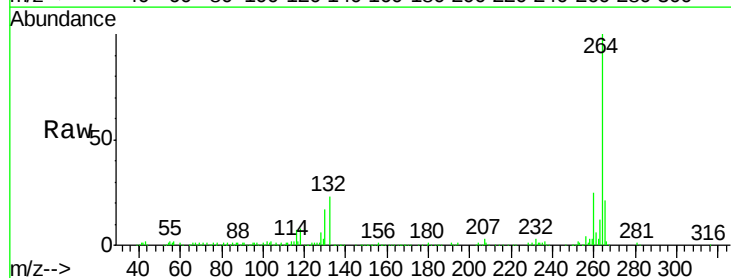
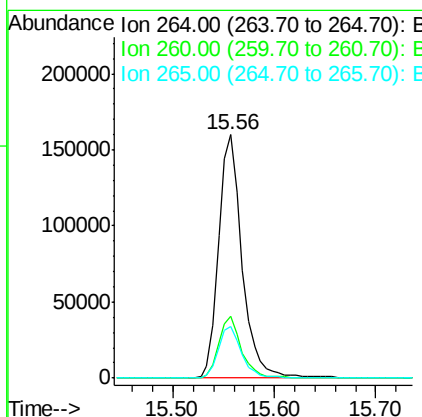
Manual Integrations
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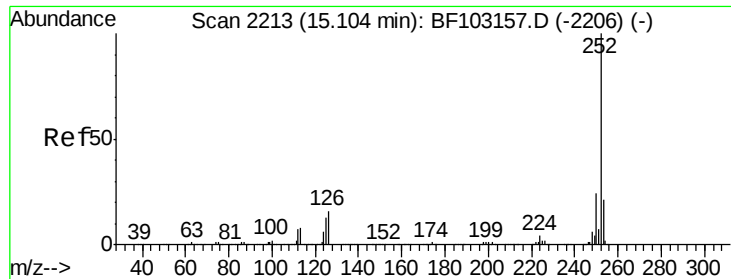
Sohil
3/9/2018 11:39:22 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	21.2	17.5	26.3





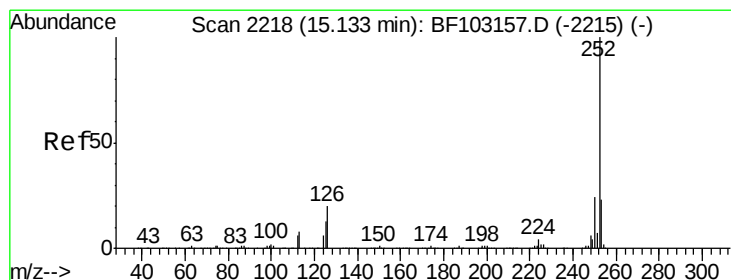
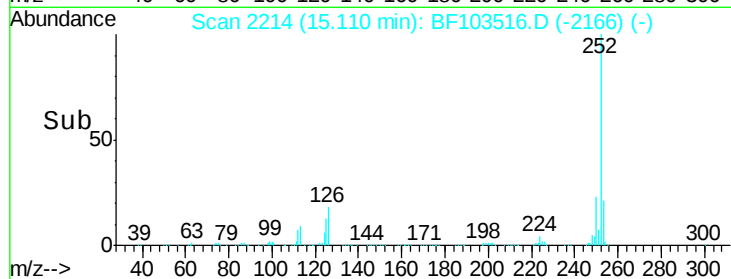
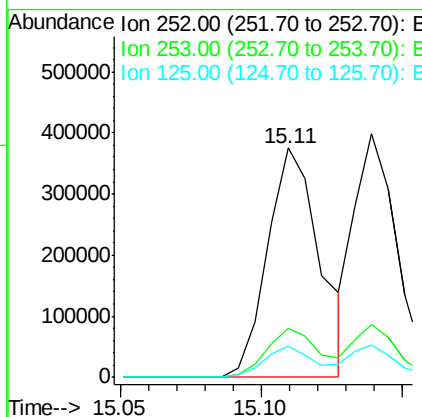
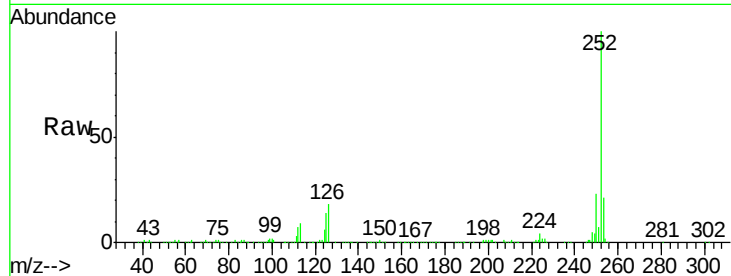
#87
Benzo(b)fluoranthene
Concen: 28.451 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

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

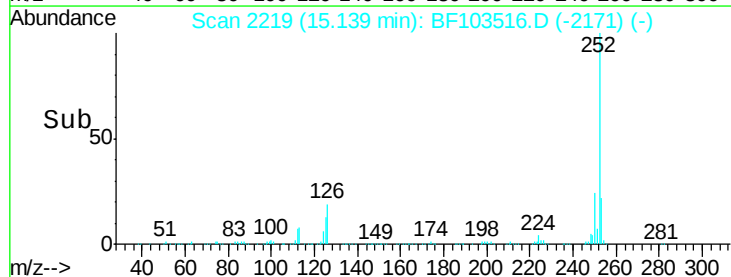
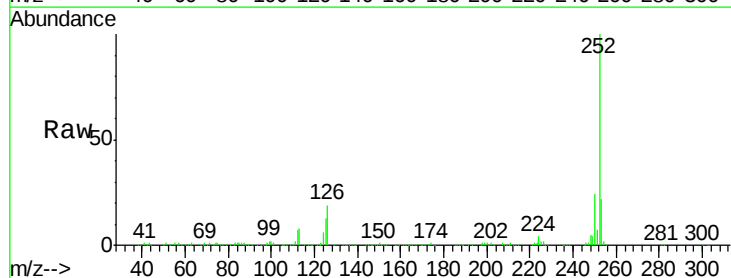
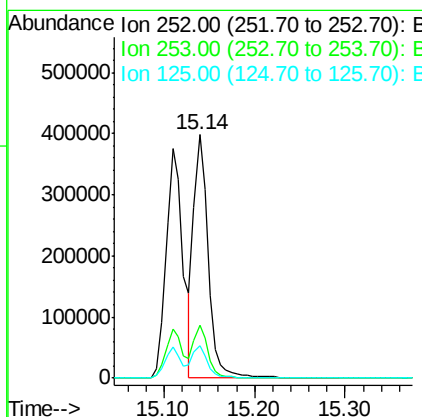
Manual Integrations
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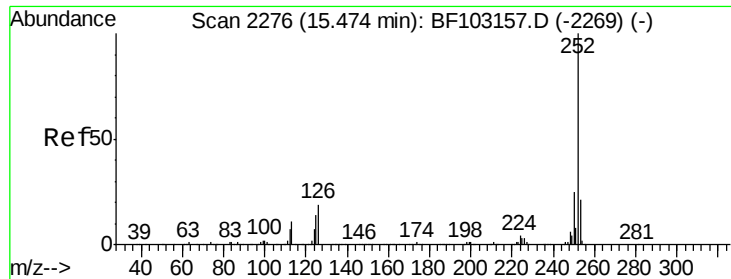
Sohil
3/9/2018 11:39:22 AM



#88
Benzo(k)fluoranthene
Concen: 27.494 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	13.5	10.2	15.2





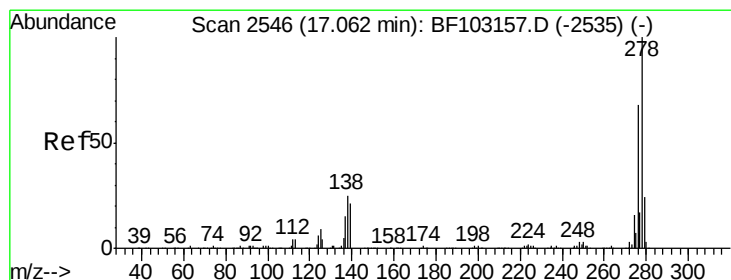
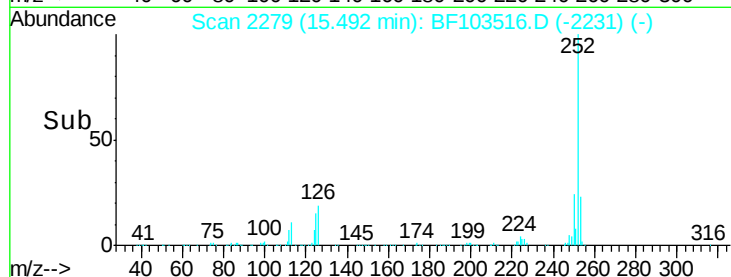
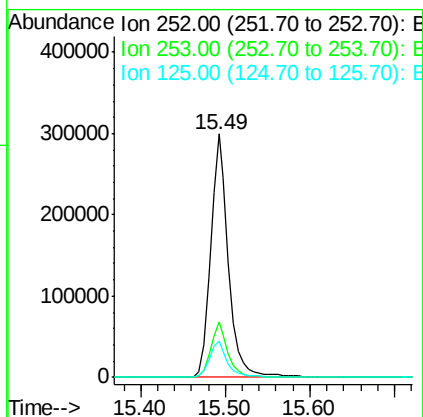
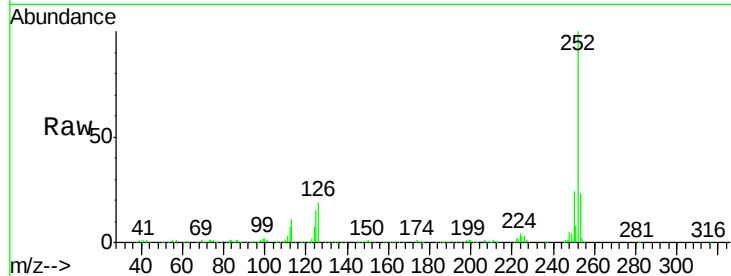
#89
Benzo(a)pyrene
Concen: 29.148 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Instrument :
BNA_F
ClientSampleId :
PB107144BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	14.7	9.8	14.6

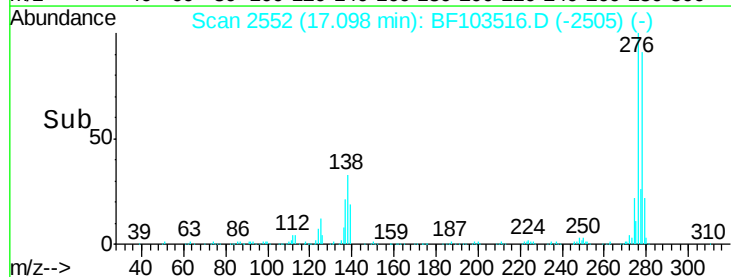
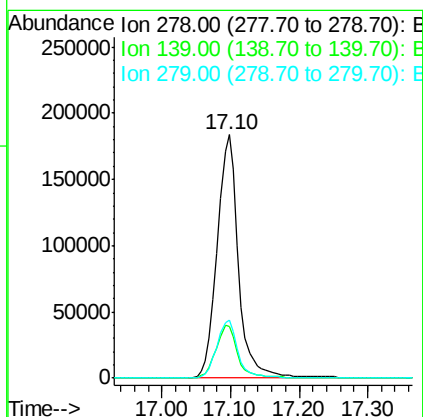
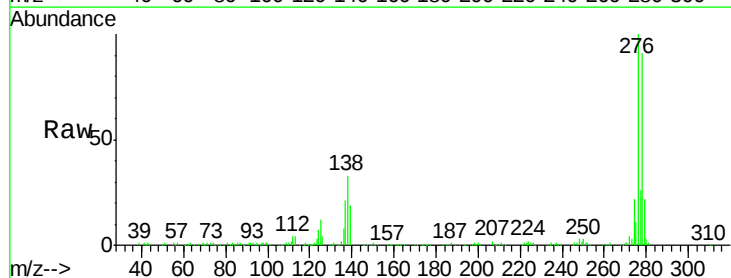
Manual Integrations
APPROVED

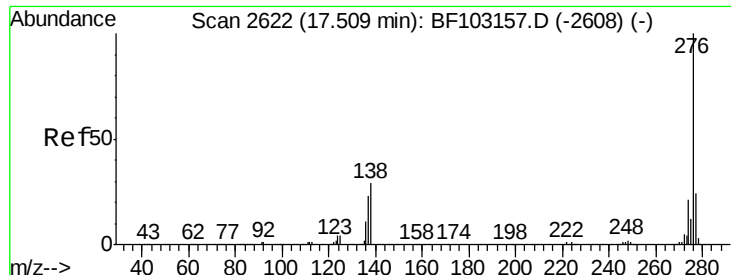
Sohil
3/9/2018 11:39:22 AM



#90
Dibenzo(a,h)anthracene
Concen: 33.860 ng
RT: 17.10 min Scan# 2552
Delta R.T. -0.02 min
Lab File: BF103516.D
Acq: 8 Mar 2018 15:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.781 ng
 RT: 17.56 min Scan# 2631
 Delta R.T. -0.02 min
 Lab File: BF103516.D
 Acq: 8 Mar 2018 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB107144BS

Tot Ion:	276	Resp:	409288
Ion Ratio		Lower	Upper
276	100		
277	22.9	17.9	26.9
138	27.0	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 3/9/2018 11:39:22 AM

