

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022718\
 Data File : BF103257.D
 Acq On : 27 Feb 2018 12:42
 Operator : SJ/JU
 Sample : PB106758BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

Manual Integrations
 APPROVED

Sohil
 2/28/2018 11:17:23 AM

Quant Time: Feb 27 17:06:06 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 17:05:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	117984	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	520952	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	235320	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	421560	20.00	ng	0.00
75) Chrysene-d12	14.06	240	313379	20.00	ng	0.00
86) Perylene-d12	15.56	264	306076	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1025958	131.52	ng	0.01
7) Phenol-d6	6.52	99	1242694	130.18	ng	0.00
23) Nitrobenzene-d5	7.44	82	713473	78.21	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	262502	131.79	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1114949	80.61	ng	0.00
78) Terphenyl-d14	12.99	244	1139261	87.39	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.71	88	197820	48.012	ng	90
3) Pyridine	3.49	79	522537	47.505	ng	94
4) n-Nitrosodimethylamine	3.44	42	234458	52.852	ng	97
6) Aniline	6.54	93	467231	33.915	ng	97
8) 2-Chlorophenol	6.66	128	397669	49.071	ng	97
9) Benzaldehyde	6.42	77	188286	30.245	ng	94
10) Phenol	6.53	94	508320	45.871	ng	88
11) bis(2-Chloroethyl)ether	6.61	93	406673	48.353	ng	94
12) 1,3-Dichlorobenzene	6.82	146	417931	45.128	ng	99
13) 1,4-Dichlorobenzene	6.89	146	420605	45.300	ng	98
14) 1,2-Dichlorobenzene	7.05	146	387806	45.297	ng	98
15) Benzyl Alcohol	7.02	79	344735	47.926	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	673334	46.621	ng	98
17) 2-Methylphenol	7.13	107	343588	46.654	ng	98
18) Hexachloroethane	7.38	117	157105	46.480	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	264525	44.526	ng	98
20) 3+4-Methylphenols	7.28	107	390560	43.505	ng	# 69
22) Acetophenone	7.28	105	518177	42.614	ng	# 86
24) Nitrobenzene	7.46	77	443686	44.177	ng	99
25) Isophorone	7.69	82	822079	45.757	ng	97
26) 2-Nitrophenol	7.77	139	229725	48.587	ng	97
27) 2,4-Dimethylphenol	7.81	122	368071	50.929	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	508545	48.144	ng	99
29) 2,4-Dichlorophenol	8.02	162	329592	47.634	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	323638	43.923	ng	99
31) Naphthalene	8.18	128	1124705	44.098	ng	100
32) Benzoic acid	7.95	122	264631	49.160	ng	98
33) 4-Chloroaniline	8.23	127	300582	27.311	ng	99
34) Hexachlorobutadiene	8.29	225	159240	41.502	ng	99
35) Caprolactam	8.60	113	126449m	51.998	ng	
36) 4-Chloro-3-methylphenol	8.72	107	375733	48.144	ng	98
37) 2-Methylnaphthalene	8.87	142	752265	45.638	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	279559	43.456	ng	97
40) Hexachlorocyclopentadiene	9.02	237	202814	88.393	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	207230	47.873	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	224781	45.149	ng	96
45) 1,1'-Biphenyl	9.33	154	846179	42.913	ng	99
46) 2-Chloronaphthalene	9.36	162	684670	43.889	ng	98
47) 2-Nitroaniline	9.46	65	270795	46.862	ng	84
48) Acenaphthylene	9.77	152	1049747	43.735	ng	99
49) Dimethylphthalate	9.63	163	831085	44.025	ng	100
50) 2,6-Dinitrotoluene	9.70	165	185308	46.777	ng	# 88
51) Acenaphthene	9.95	154	600260	42.888	ng	100
52) 3-Nitroaniline	9.87	138	165303	32.889	ng	93
53) 2,4-Dinitrophenol	9.99	184	159073	107.417	ng	# 18
54) Dibenzofuran	10.12	168	892917	46.475	ng	97
55) 4-Nitrophenol	10.05	139	273536	87.811	ng	93
56) 2,4-Dinitrotoluene	10.11	165	239702	47.842	ng	94
57) Fluorene	10.46	166	703737	42.998	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	163768	48.966	ng	97
59) Diethylphthalate	10.33	149	801397	44.386	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	312904	45.083	ng	99
61) 4-Nitroaniline	10.49	138	233977	46.607	ng	95
62) Azobenzene	10.62	77	839938	45.704	ng	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	112392	44.248	ng	92
65) n-Nitrosodiphenylamine	10.57	169	645043	43.946	ng	98
66) 4-Bromophenyl-phenylether	10.95	248	195887	44.607	ng	90
67) Hexachlorobenzene	11.02	284	203632	42.722	ng	94
68) Atrazine	11.10	200	205783	46.644	ng	98
69) Pentachlorophenol	11.22	266	179766	78.002	ng	98
70) Phenanthrene	11.43	178	1012388	43.638	ng	99
71) Anthracene	11.49	178	1064979	44.766	ng	99
72) Carbazole	11.64	167	1029014	43.435	ng	100
73) Di-n-butylphthalate	11.96	149	1319690	44.518	ng	99
74) Fluoranthene	12.62	202	1055087	45.257	ng	98
76) Benzidine	12.74	184	522534	44.601	ng	97
77) Pyrene	12.86	202	1066425	43.647	ng	100
79) Butylbenzylphthalate	13.46	149	596643	46.220	ng	98
80) Benzo(a)anthracene	14.04	228	926476	45.565	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	259053	35.700	ng	99
82) Chrysene	14.09	228	887625	44.959	ng	100
83) Bis(2-ethylhexyl)phthalate	14.02	149	793107	45.528	ng	98
84) Di-n-octyl phthalate	14.64	149	1379383	49.009	ng	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	809614	51.798	ng	97
87) Benzo(b)fluoranthene	15.12	252	889243	44.188	ng	98
88) Benzo(k)fluoranthene	15.15	252	827243	43.654	ng	100
89) Benzo(a)pyrene	15.50	252	830231	46.198	ng	97
90) Dibenzo(a,h)anthracene	17.10	278	676076	48.686	ng	99
91) Benzo(g,h,i)perylene	17.54	276	687257	50.639	ng	96

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

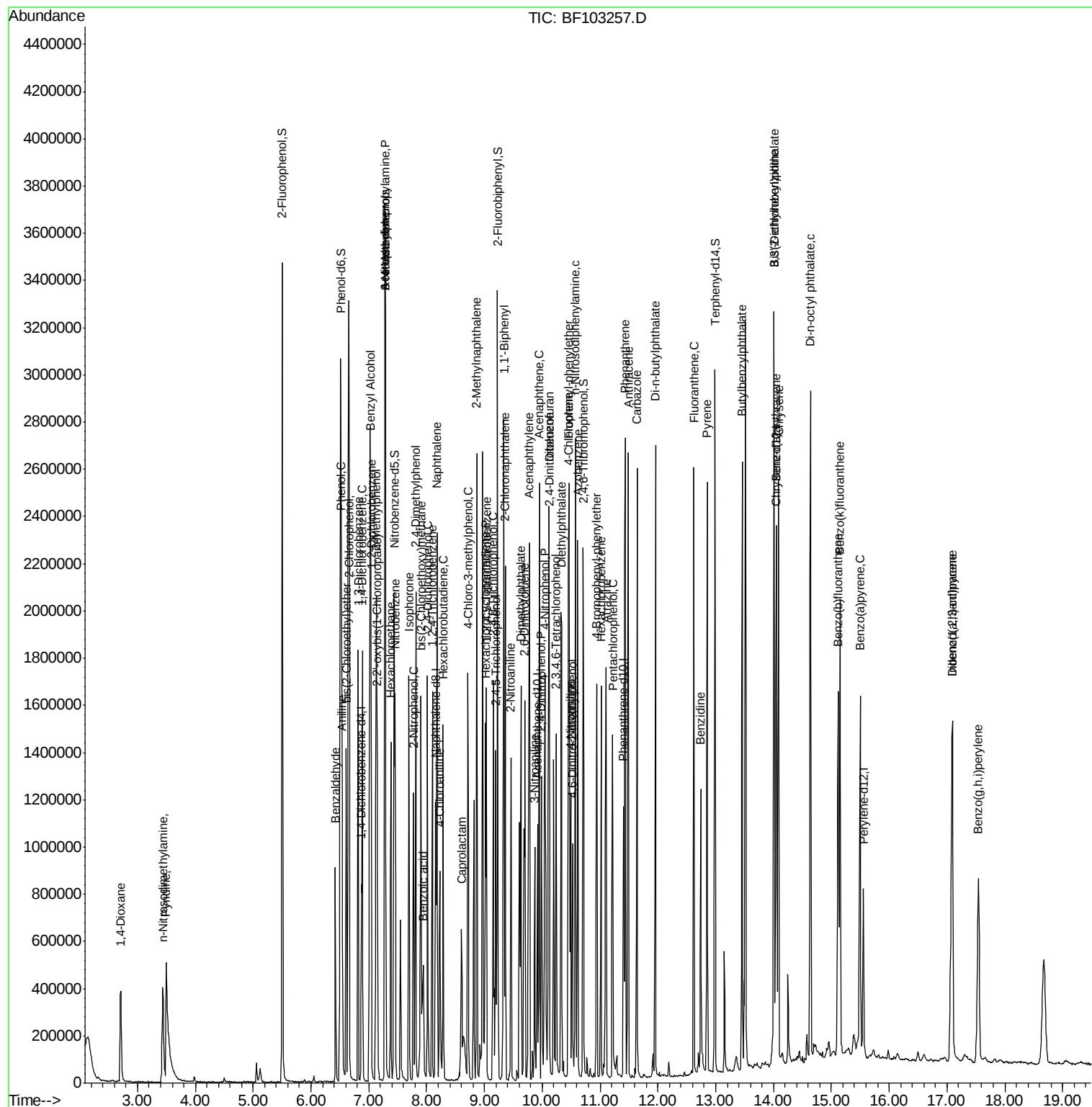
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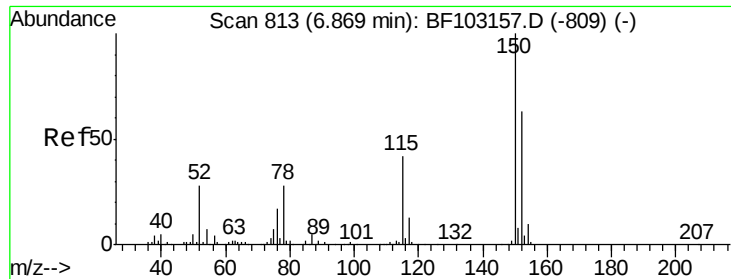
Instrument :
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#1

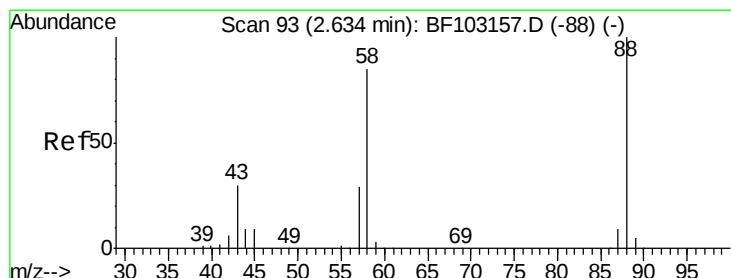
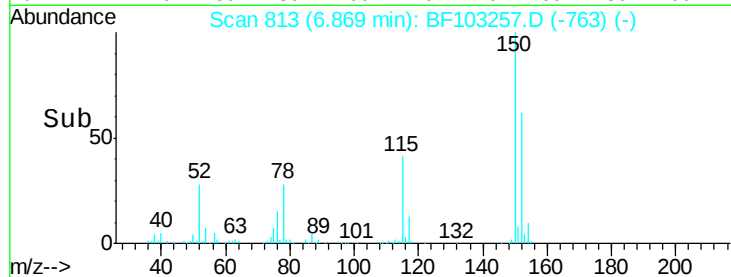
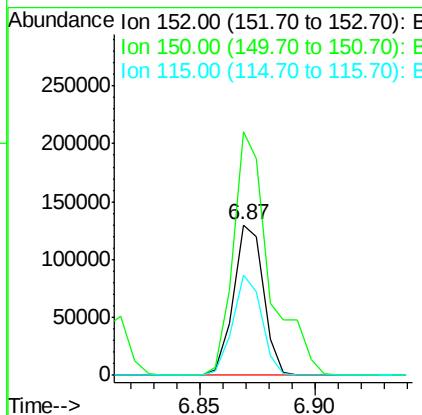
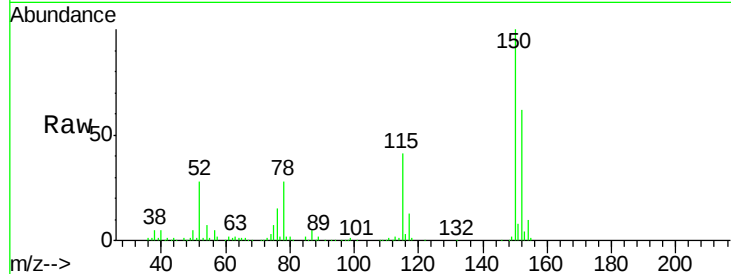
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampled :
PB106758BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.6	186.8
115	66.4	50.1	75.1

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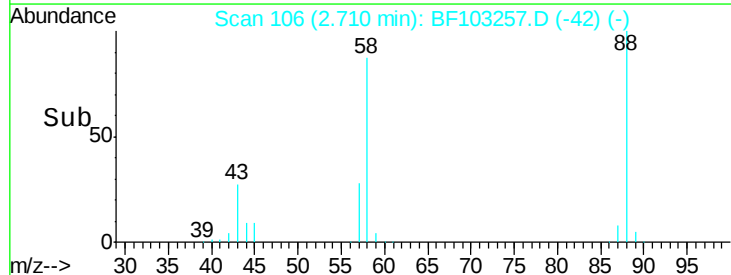
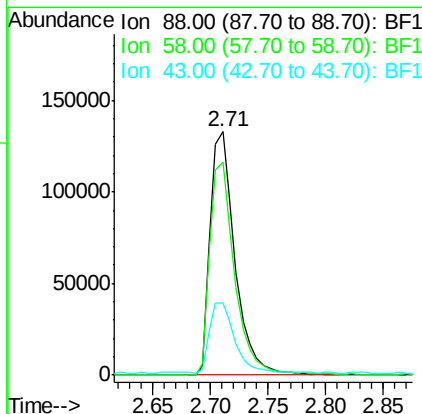
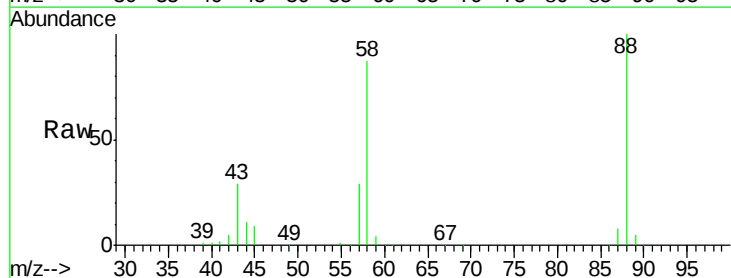
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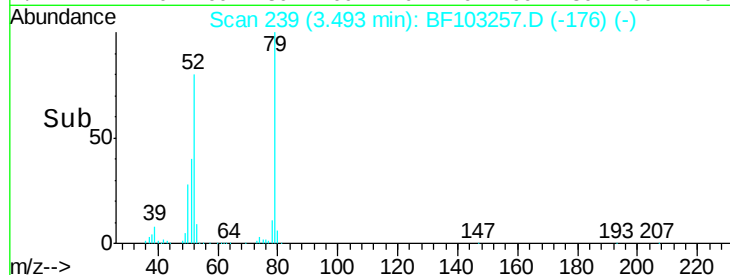
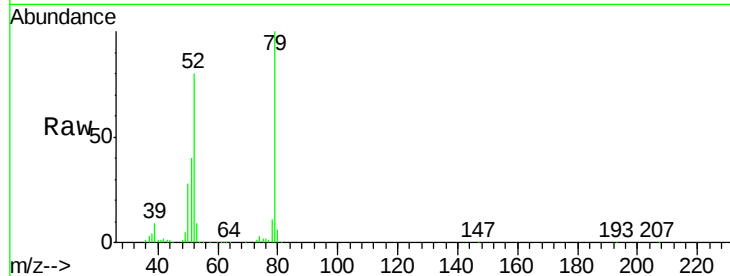
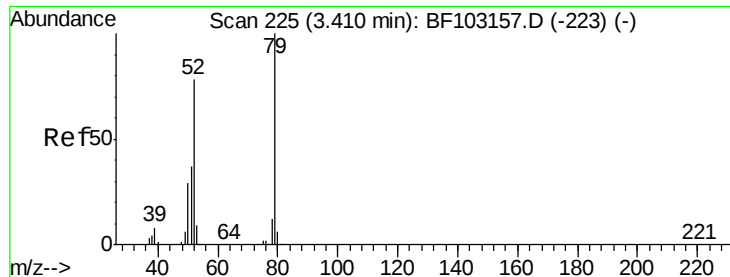


#2

1,4-Dioxane
Concen: 48.012 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.08 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.8	62.6	93.8
43	28.5	24.6	37.0





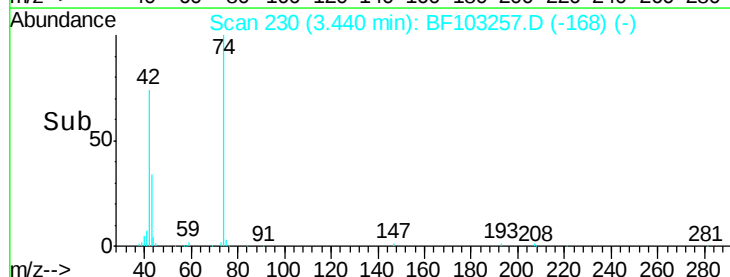
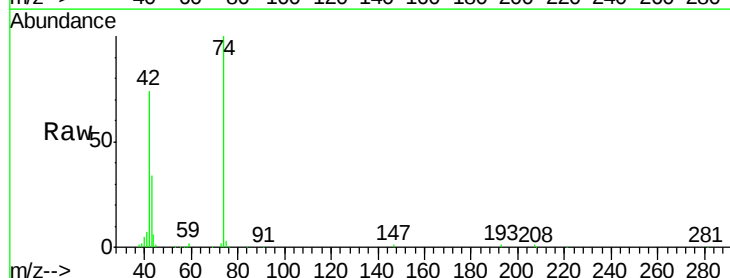
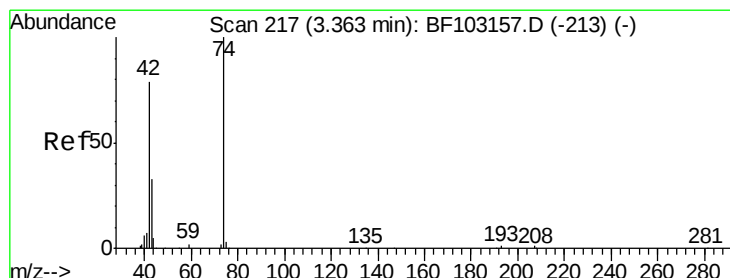
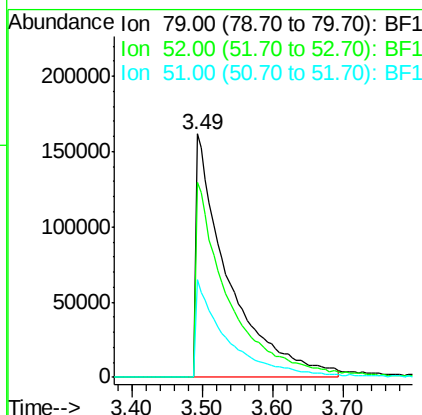
#3
 Pvridine
 Concen: 47.505 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.07 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		522537		
52	80.2	59.8		89.6	
51	40.3	29.8		44.8	

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 PB106758BS

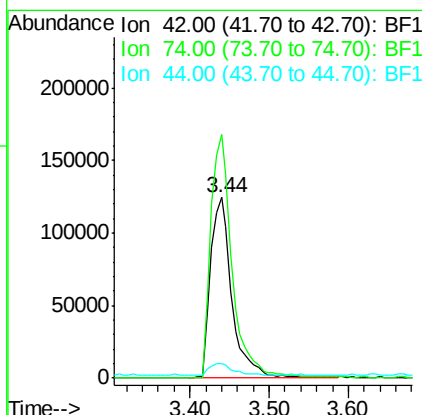
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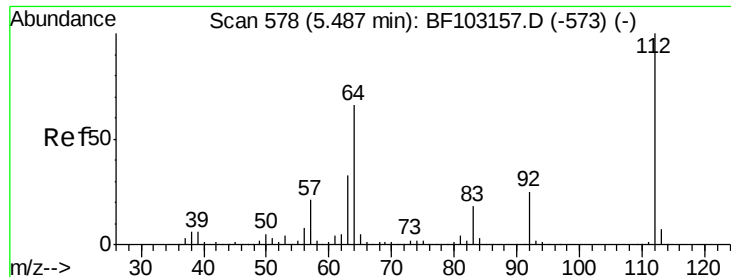
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#4
 n-Nitrosodimethylamine
 Concen: 52.852 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.06 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		234458		
74	134.7	104.9		157.3	
44	7.7	6.9		10.3	





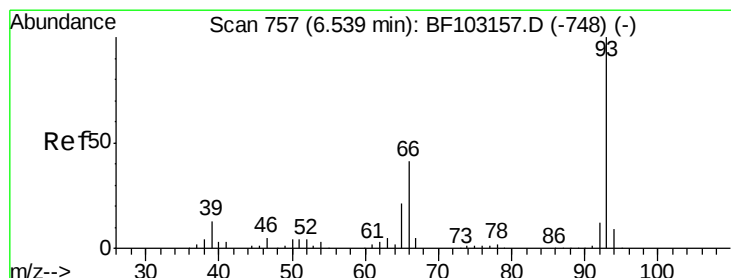
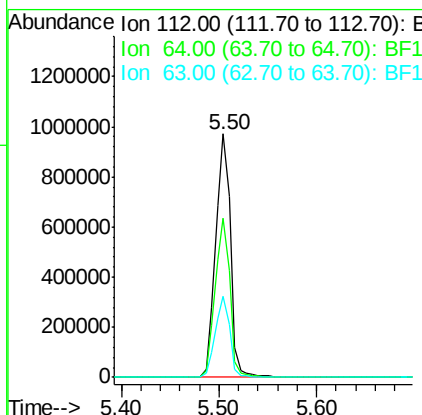
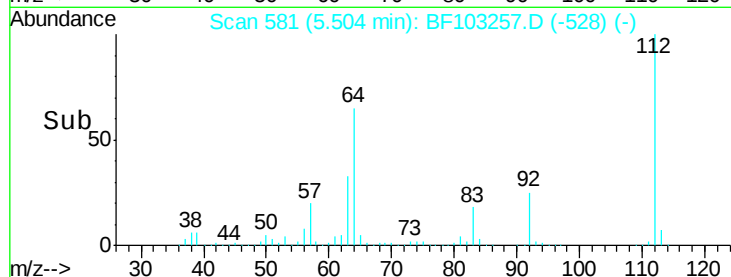
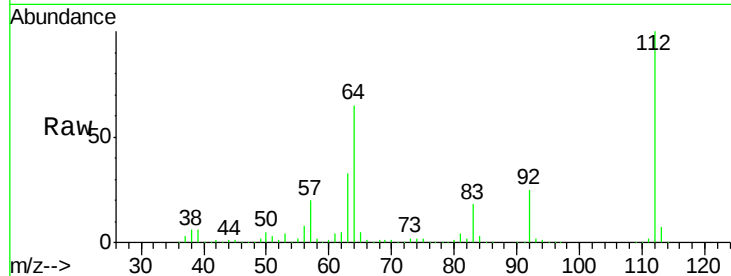
#5
2-Fluorophenol
Concen: 131.517 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion:112 Resp: 1025958
Ion Ratio Lower Upper
112 100
64 65.3 47.9 71.9
63 33.2 23.7 35.5

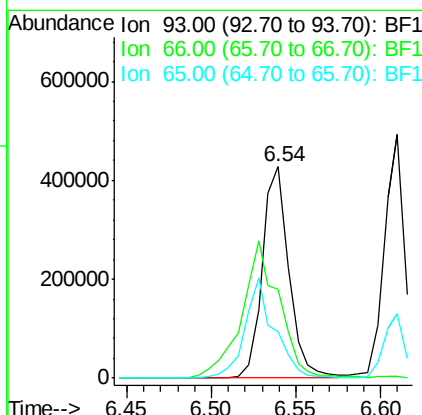
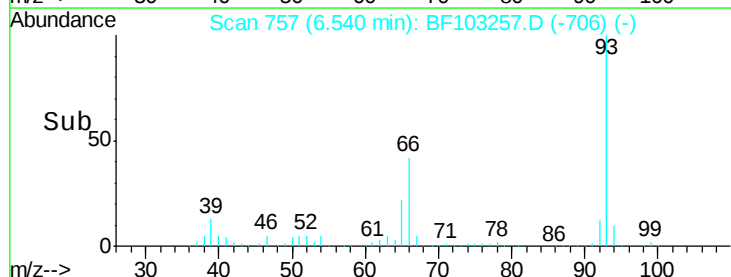
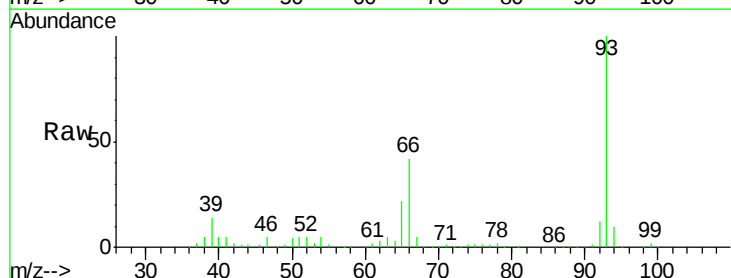
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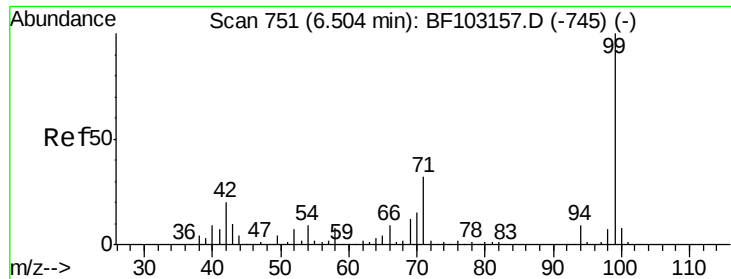
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#6
Aniline
Concen: 33.915 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion: 93 Resp: 467231
Ion Ratio Lower Upper
93 100
66 42.2 32.2 48.2
65 21.9 16.4 24.6





#7

Phenol-d6

Concen: 130.184 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

PB106758BS

Tot Ion: 99 Resp: 1242694

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

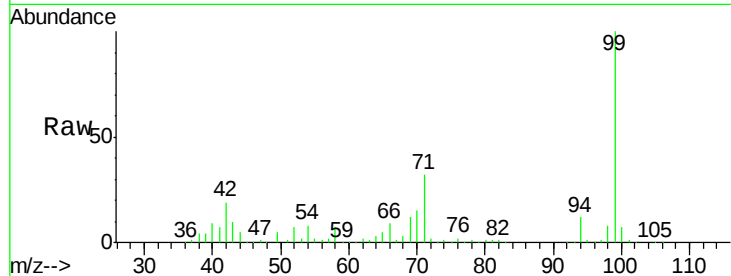
71 31.7 25.4 38.0

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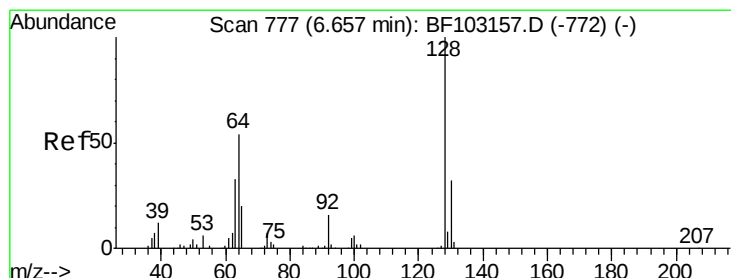
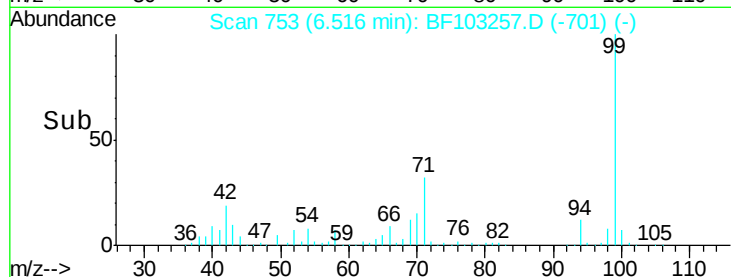
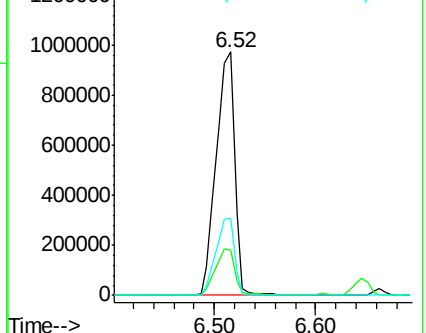
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.071 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

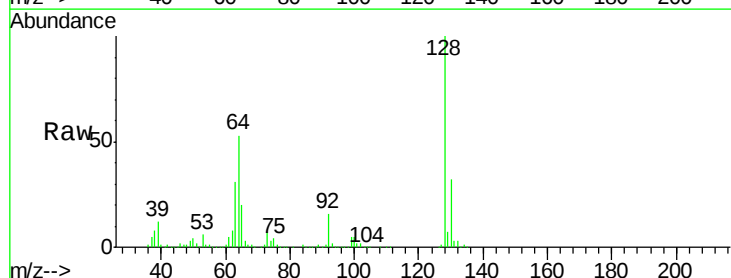
Tgt Ion:128 Resp: 397669

Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

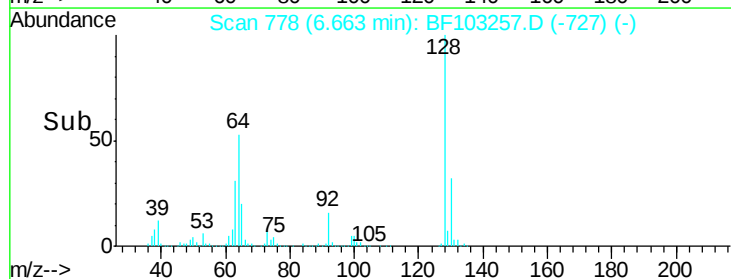
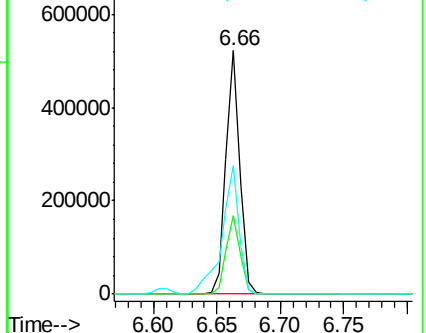
64 52.7 29.4 69.4

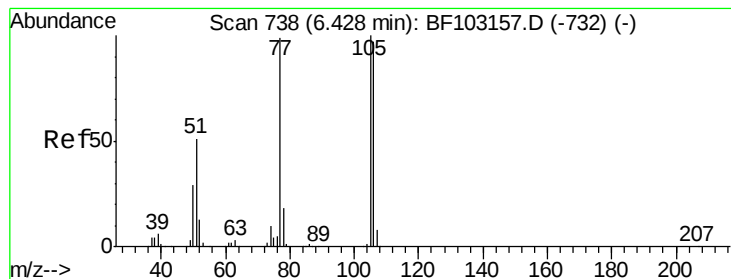


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 30.245 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

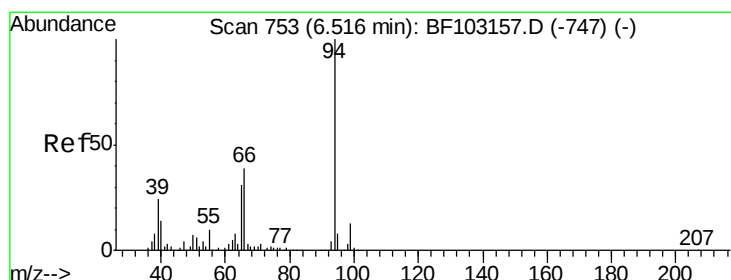
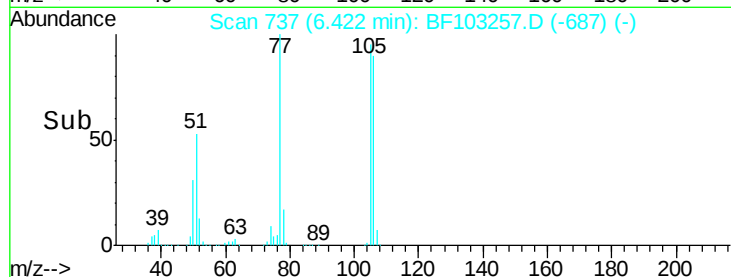
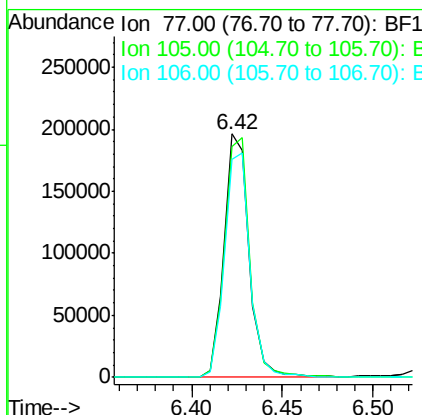
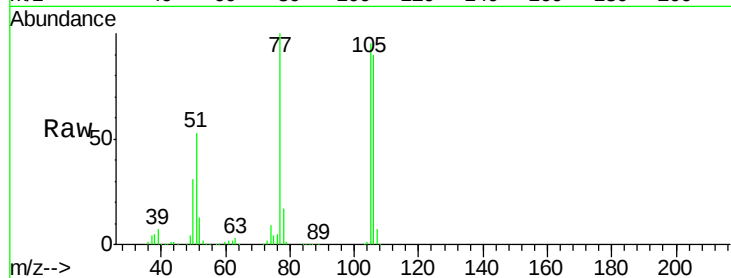
ClientSampled :

PB106758BS

Tot Ion:	77	Resp:	188286
Ion Ratio	Lower	Upper	
77	100		
105	94.6	81.1	121.1
106	89.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 45.871 ng

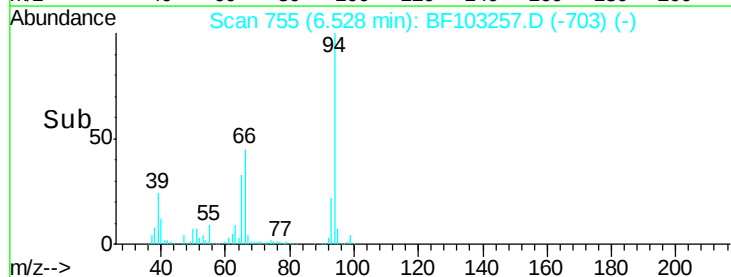
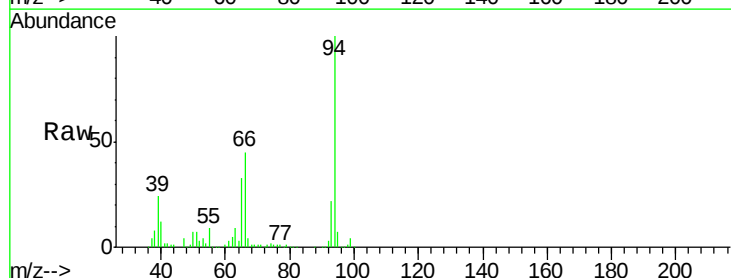
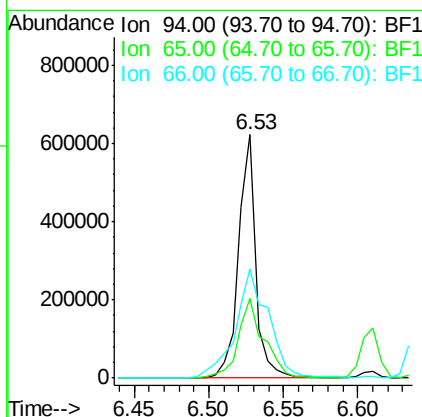
RT: 6.53 min Scan# 755

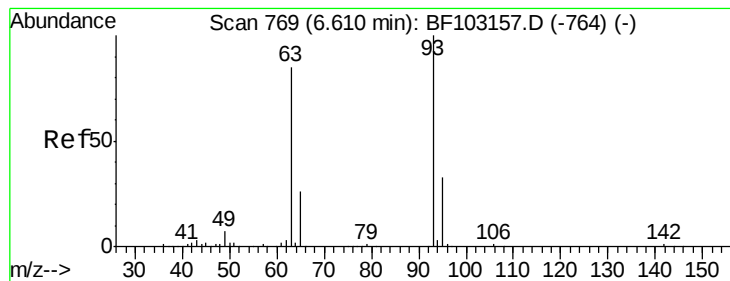
Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Tgt Ion:	94	Resp:	508320
Ion Ratio	Lower	Upper	
94	100		
65	32.6	7.9	47.9
66	44.8	16.2	56.2





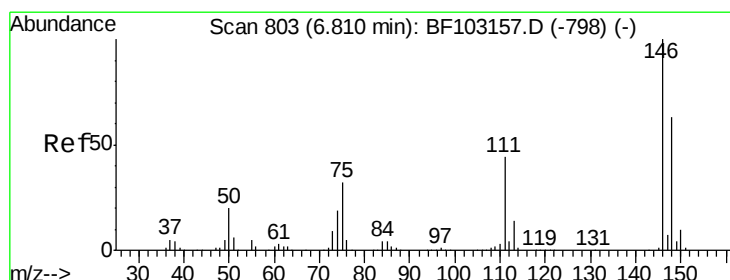
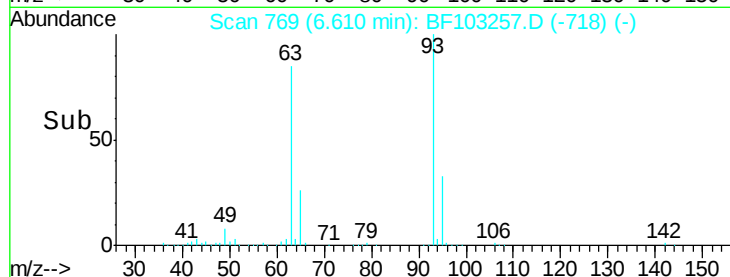
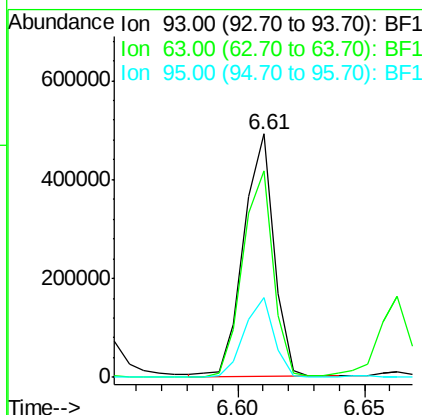
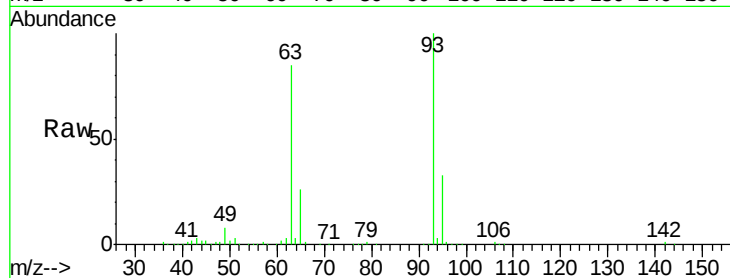
#11
bis(2-Chloroethyl)ether
Concen: 48.353 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.9	58.6	98.6
95	32.6	11.8	51.8

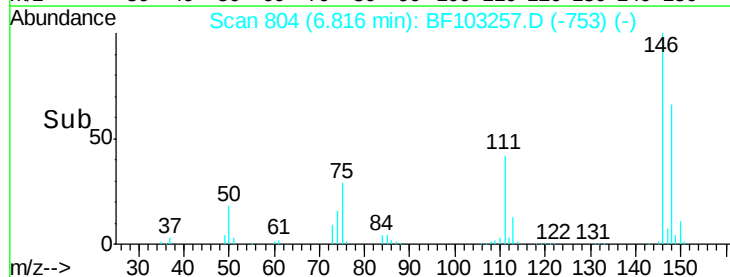
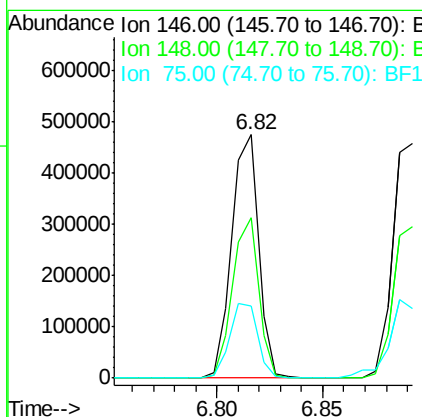
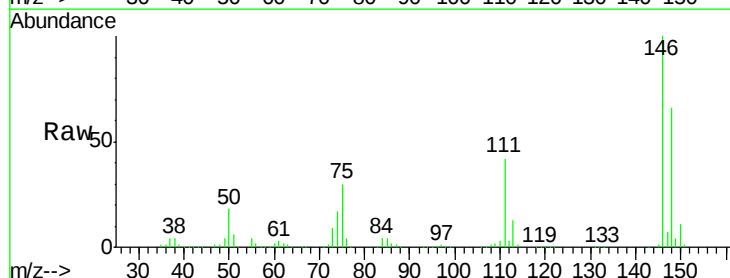
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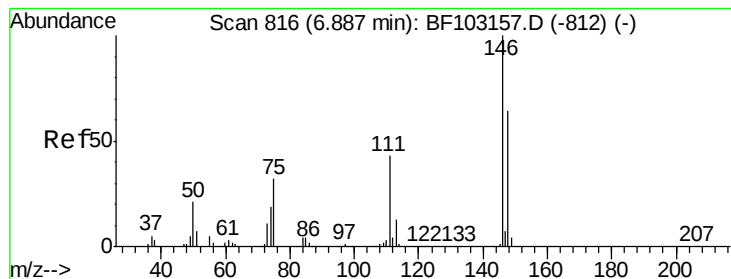
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#12
1,3-Dichlorobenzene
Concen: 45.128 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.8	77.8
75	29.8	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 45.300 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

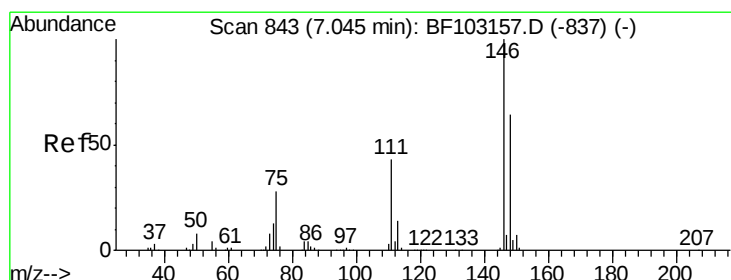
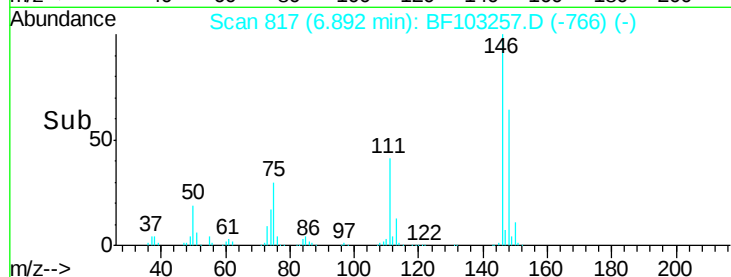
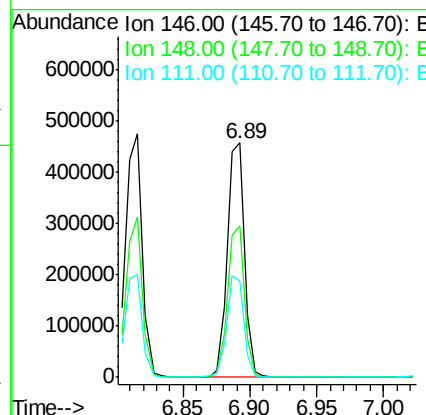
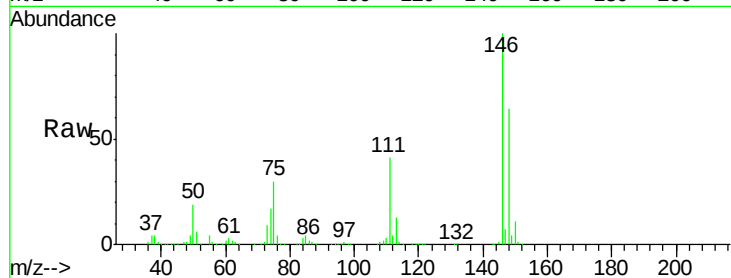
ClientSampleId :

PB106758BS

Tot Ion:	146	Resp:	420605
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.8	76.2
111	41.2	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 45.297 ng

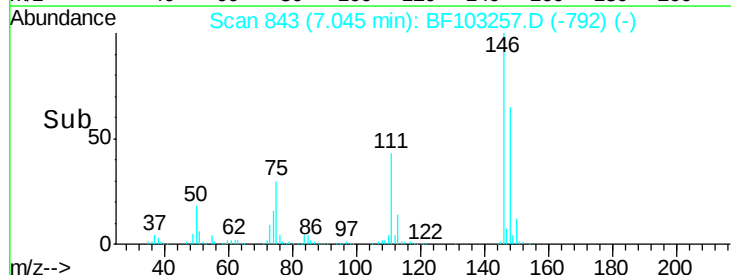
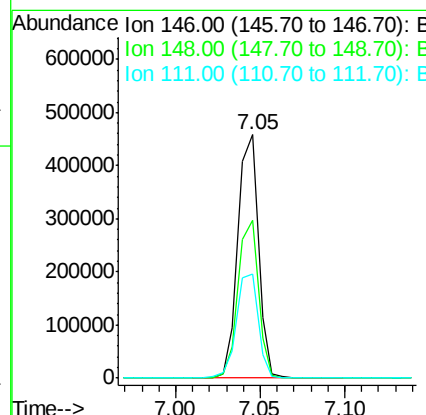
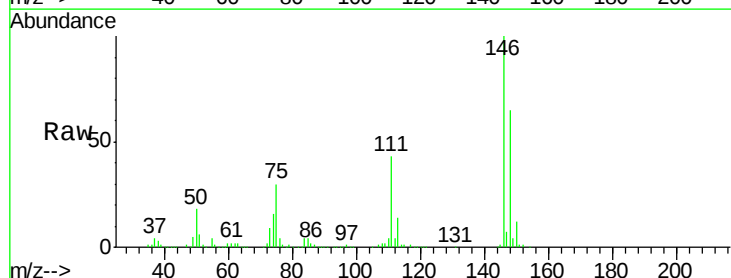
RT: 7.05 min Scan# 843

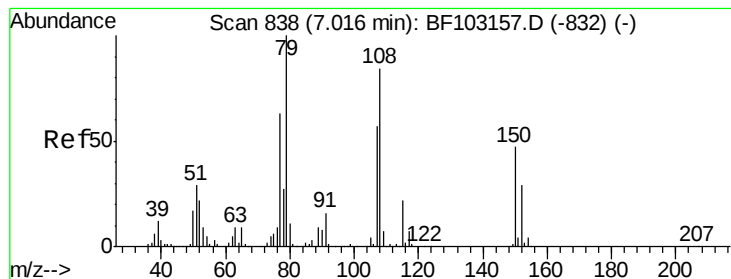
Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Tgt Ion:	146	Resp:	387806
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.6	75.8
111	42.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 47.926 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

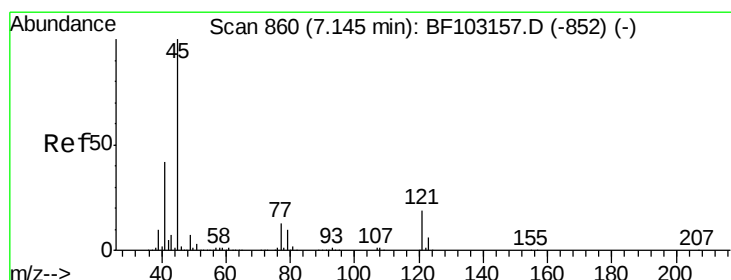
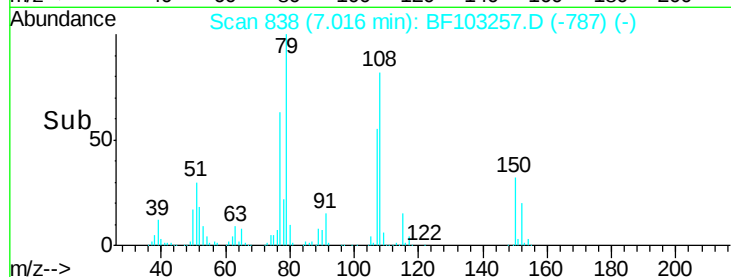
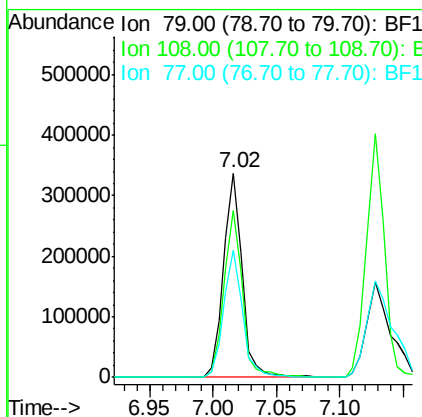
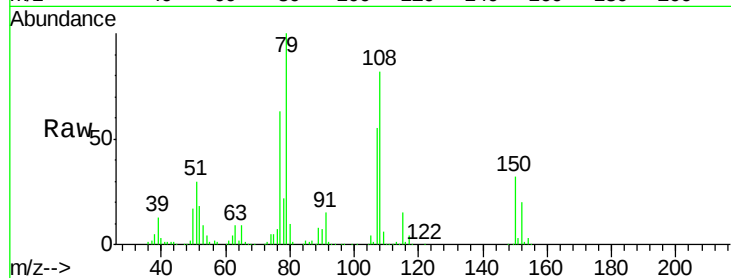
ClientSampleId :

PB106758BS

Tot Ion:	79	Resp:	344735
Ion Ratio	Lower	Upper	
79	100		
108	82.1	65.1	97.7
77	62.6	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.621 ng

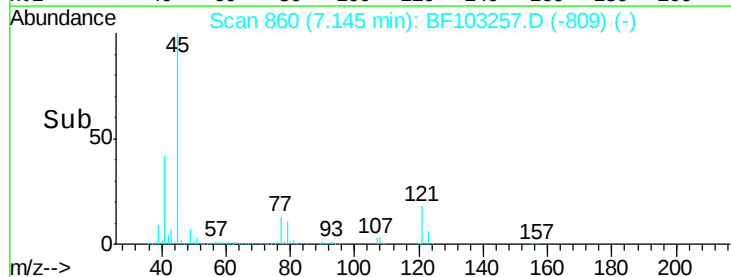
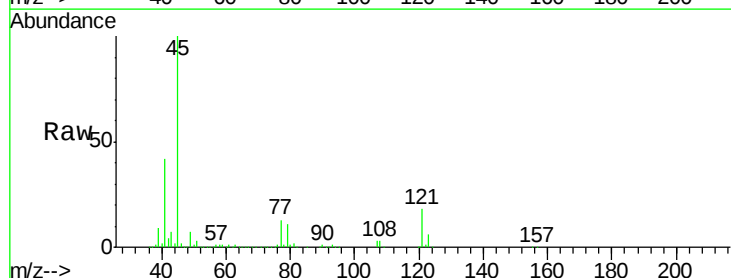
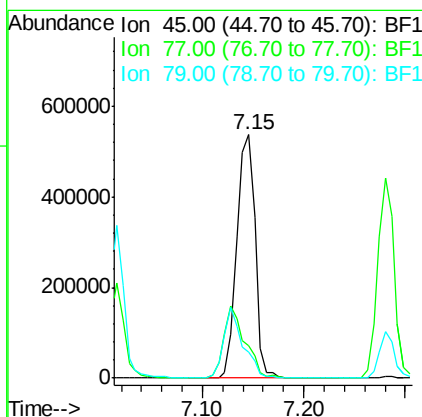
RT: 7.15 min Scan# 860

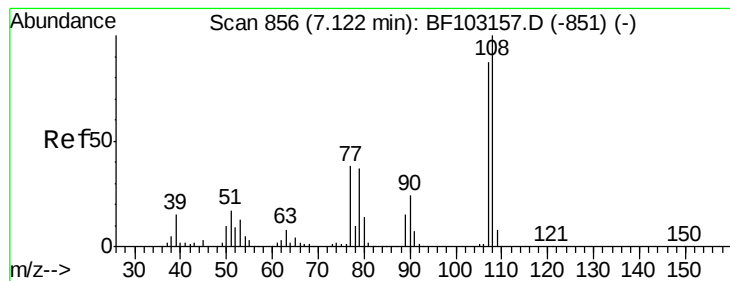
Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Tgt Ion:	45	Resp:	673334
Ion Ratio	Lower	Upper	
45	100		
77	13.1	0.0	32.9
79	10.7	0.0	29.6





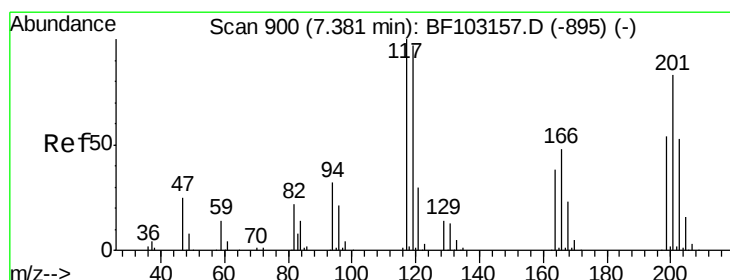
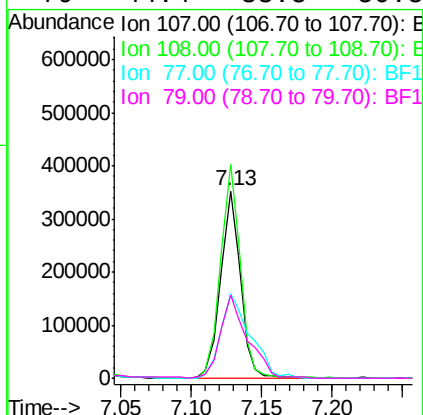
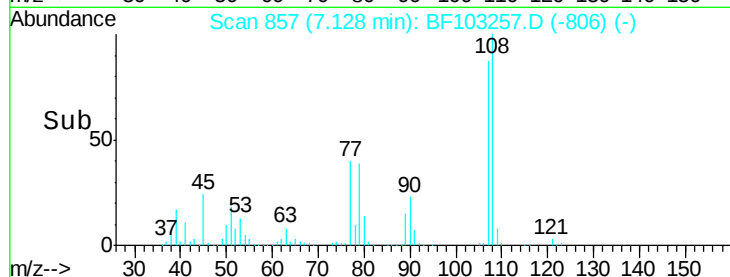
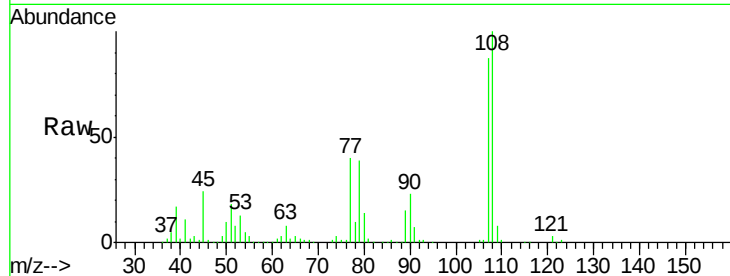
#17
2-Methylphenol
Concen: 46.654 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	91.7	137.5	
77	45.5	33.8	50.8	
79	44.4	33.8	50.8	

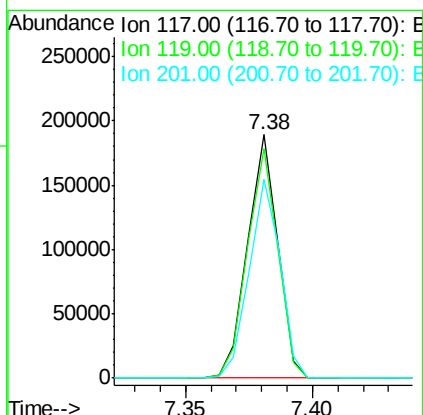
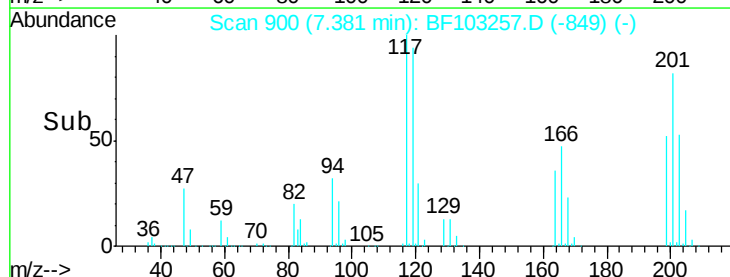
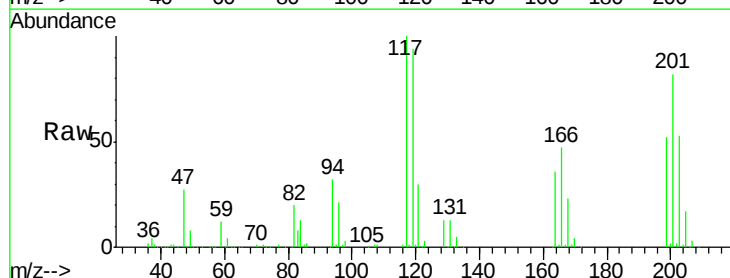
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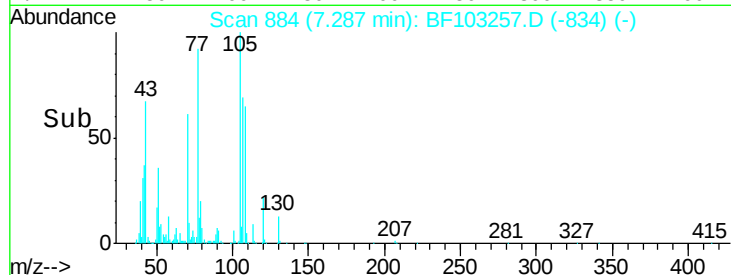
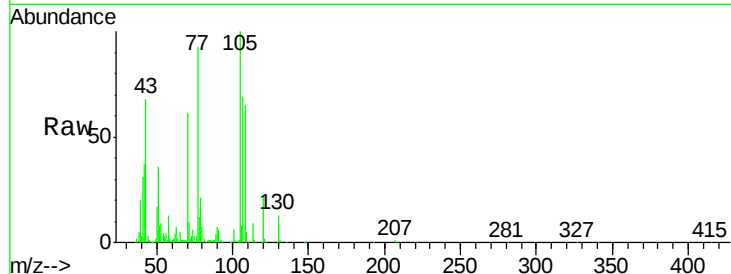
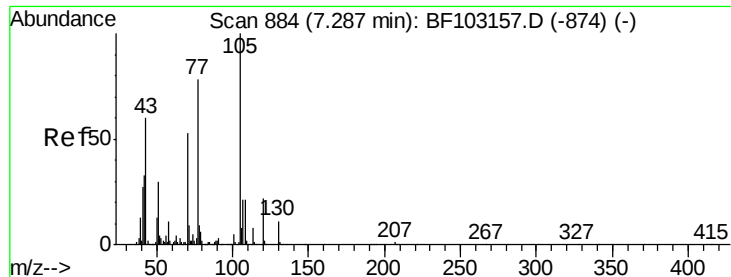
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#18
Hexachloroethane
Concen: 46.480 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	75.8	113.8	
201	81.9	75.7	113.5	





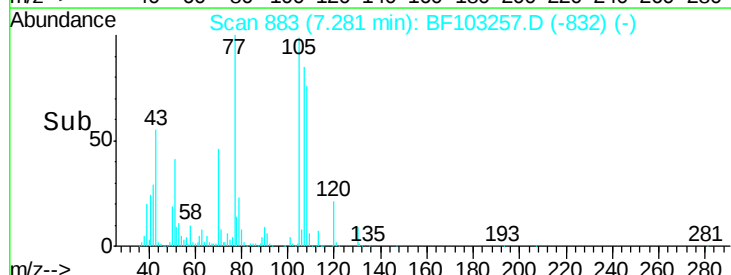
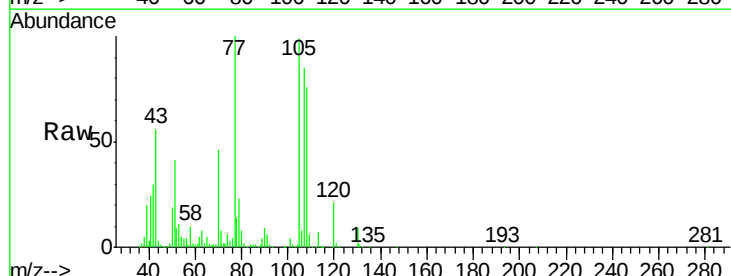
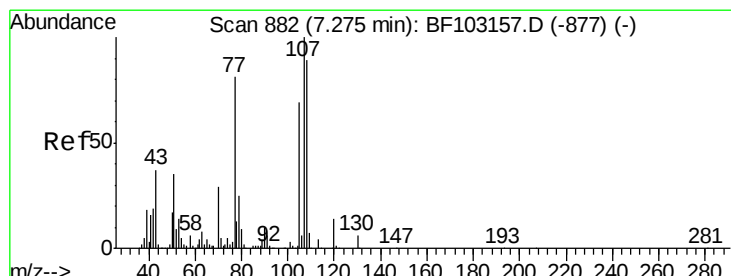
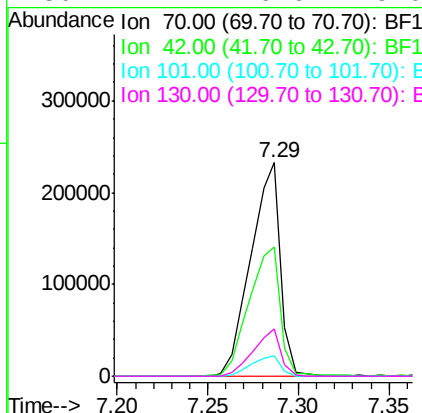
#19
n-Nitroso-di-n-propylamine
Concen: 44.526 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.6	47.5	71.3
101	9.9	7.4	11.2
130	22.1	16.6	25.0

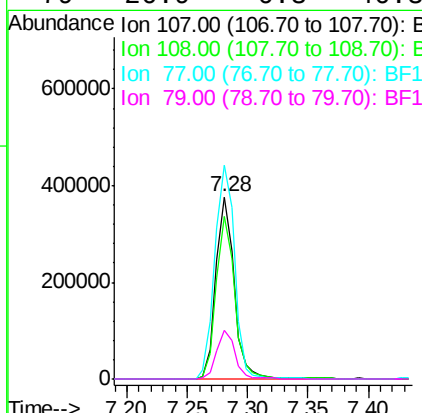
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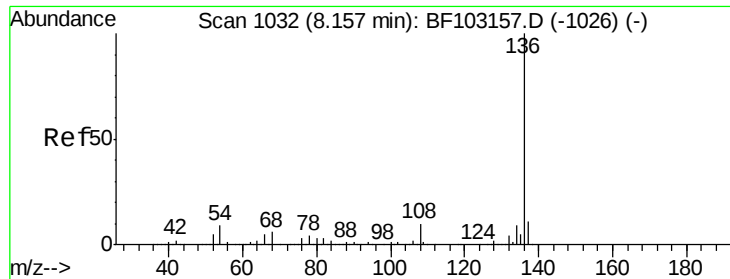
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#20
3+4-Methylphenols
Concen: 43.505 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.2	108.2
77	117.2	26.7	66.7#
79	26.9	6.3	46.3





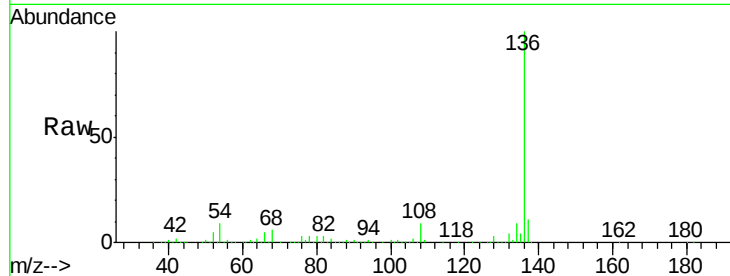
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

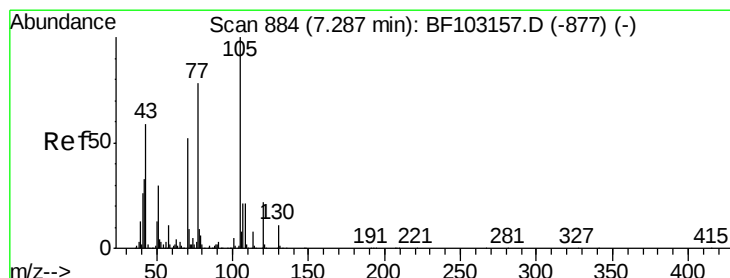
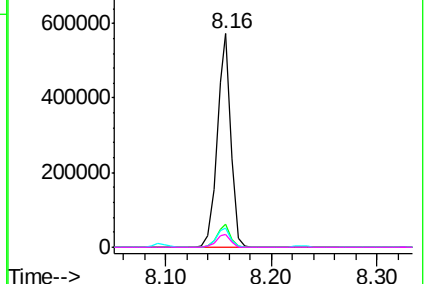
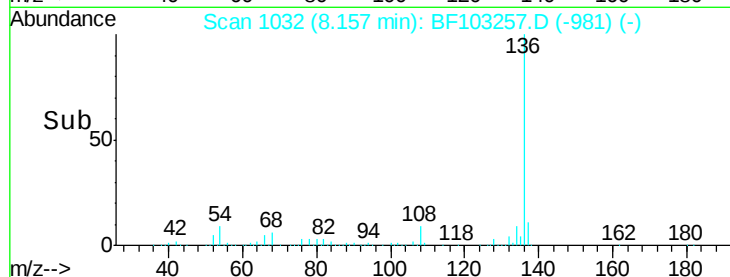
Tot Ion	Ratio	Resp	Lower	Upper
136	100	520952		
137	10.8		8.9	13.3
54	9.0		6.6	9.8
68	6.1		5.0	7.4

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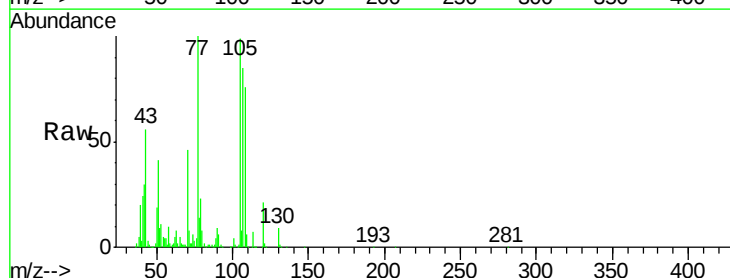


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

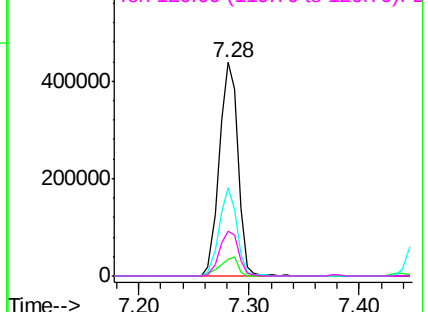
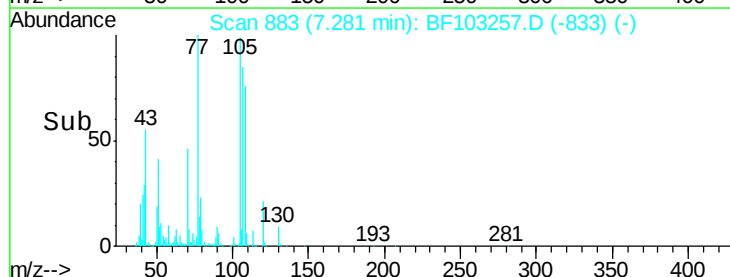


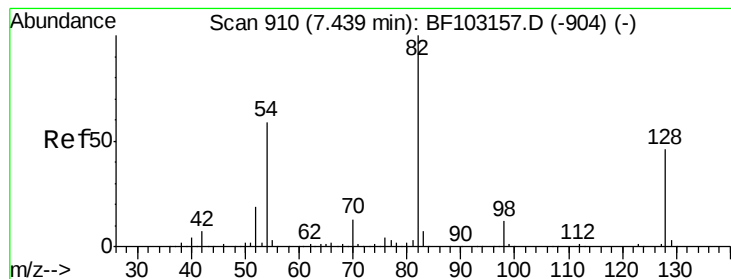
#22
Acetophenone
Concen: 42.614 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	518177		
71	8.1		4.4	6.6#
51	41.5		22.3	33.5#
120	21.2		16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.213 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

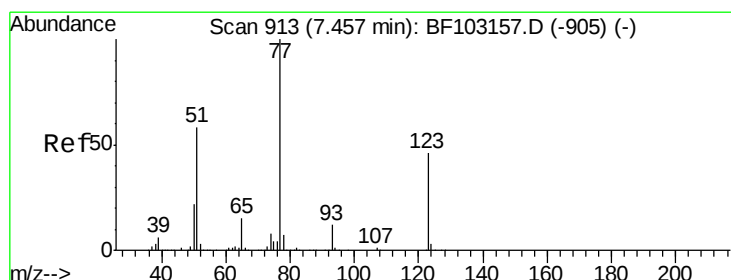
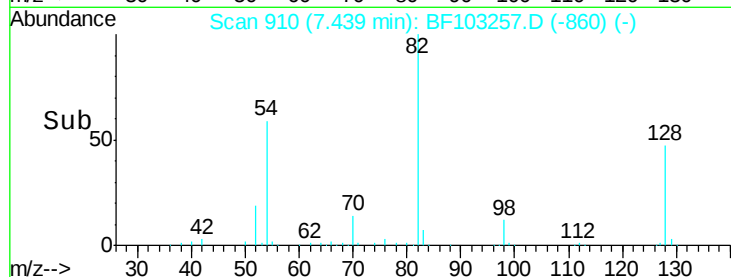
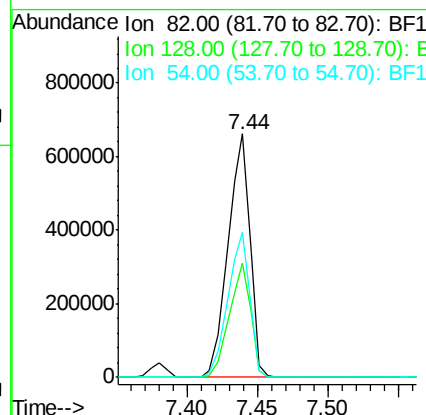
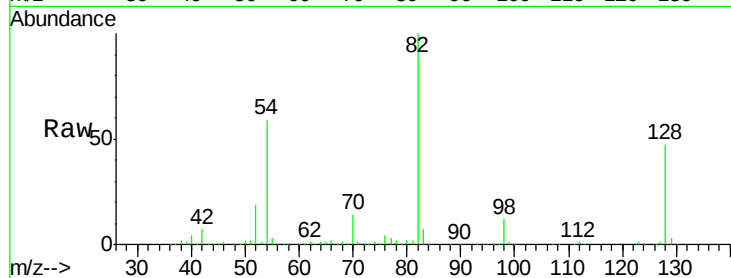
ClientSampled :

PB106758BS

Tot Ion:	82	Resp:	713473
Ion Ratio	Lower	Upper	
82	100		
128	46.8	36.1	54.1
54	59.4	41.4	62.2

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#24

Nitrobenzene

Concen: 44.177 ng

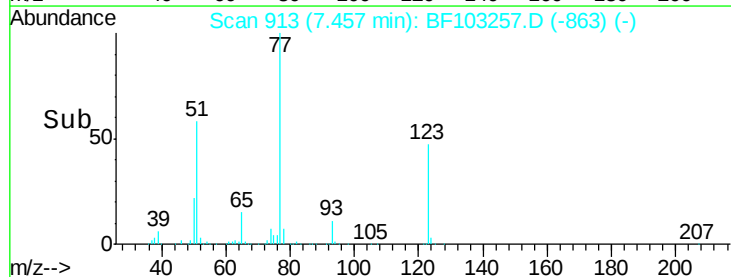
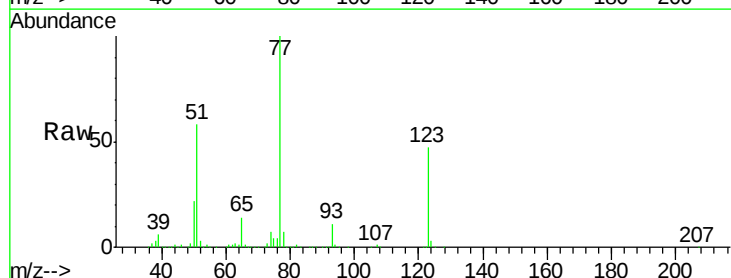
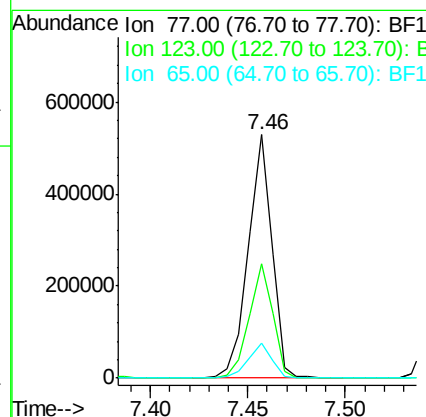
RT: 7.46 min Scan# 913

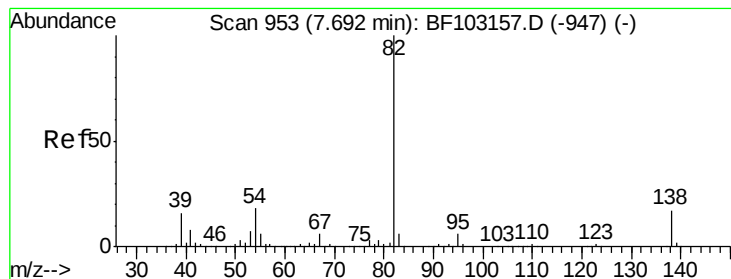
Delta R.T. -0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Tgt Ion:	77	Resp:	443686
Ion Ratio	Lower	Upper	
77	100		
123	46.7	37.9	56.9
65	14.4	11.0	16.4





#25

Isophorone

Concen: 45.757 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

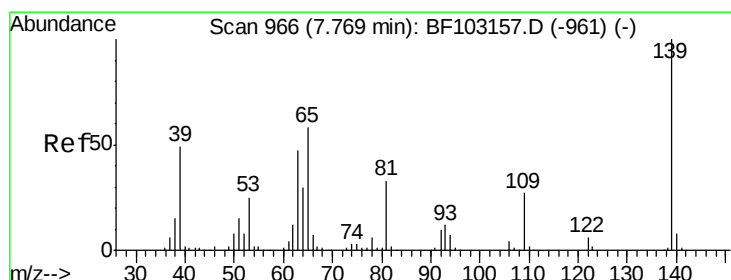
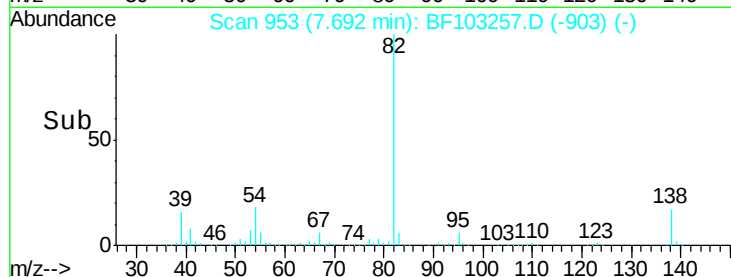
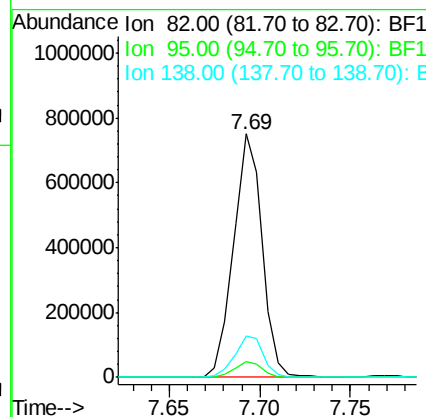
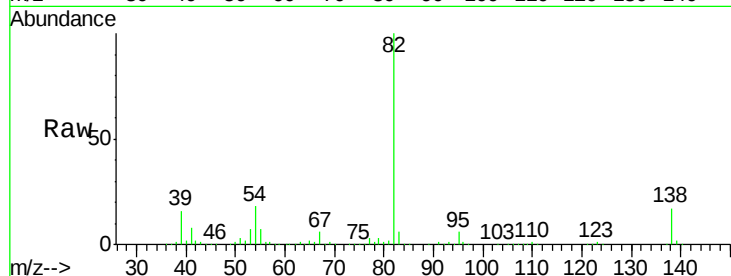
ClientSampleId :

PB106758BS

Tot Ion:	82	Resp:	822079
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.2	7.8
138	17.2	14.9	22.3

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#26

2-Nitrophenol

Concen: 48.587 ng

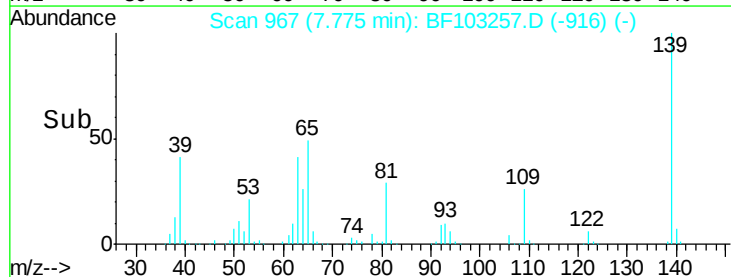
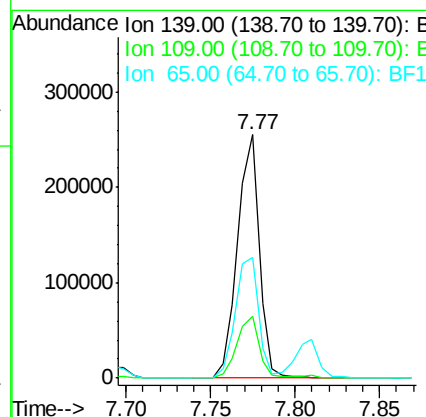
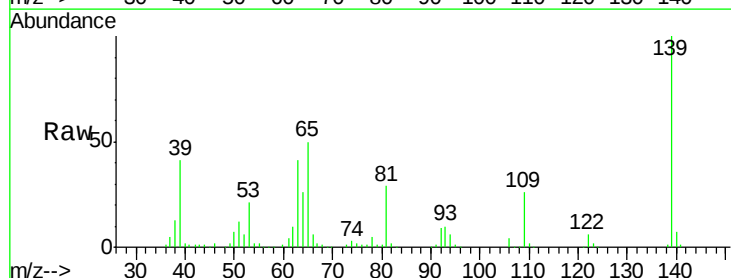
RT: 7.77 min Scan# 967

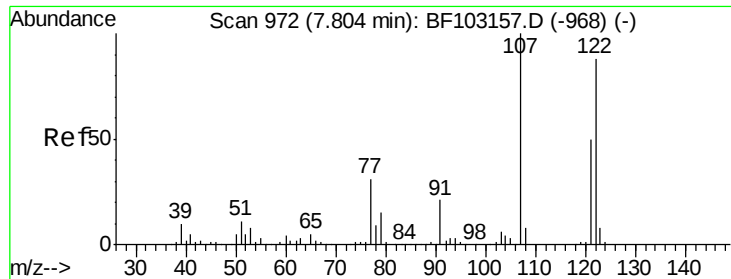
Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Tgt Ion:	139	Resp:	229725
Ion Ratio		Lower	Upper
139	100		
109	25.7	22.7	34.1
65	49.5	40.5	60.7





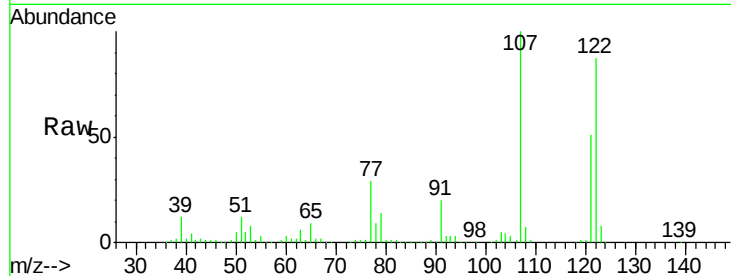
#27
2,4-Dimethylphenol
Concen: 50.929 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

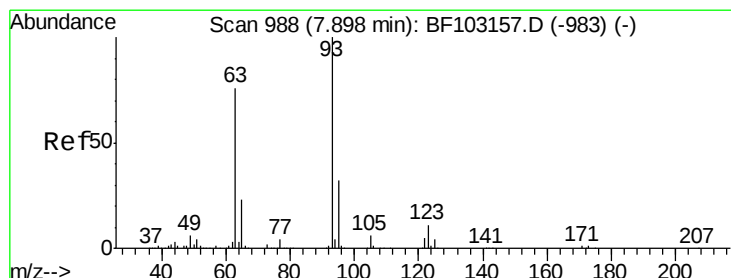
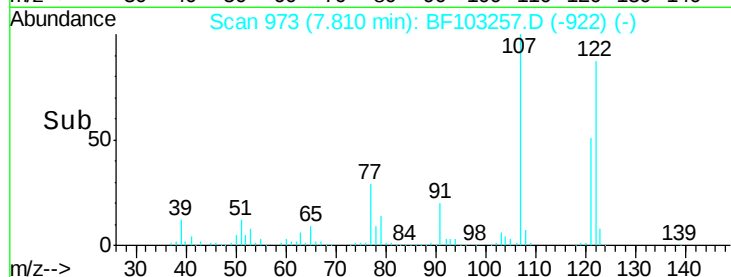
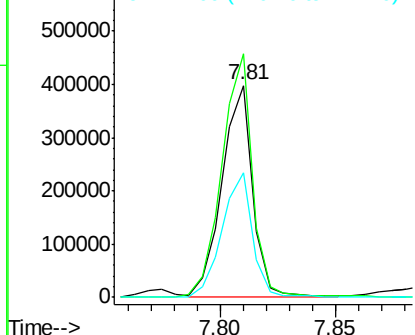
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	91.2	136.8
121	58.5	47.2	70.8

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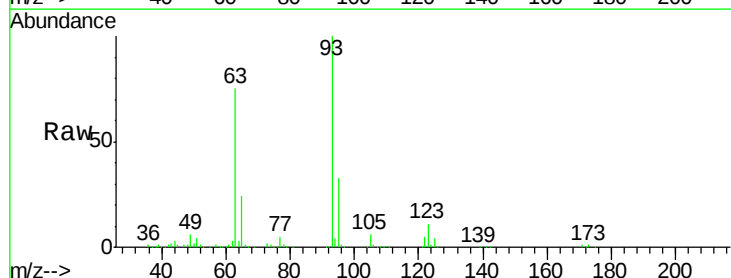


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

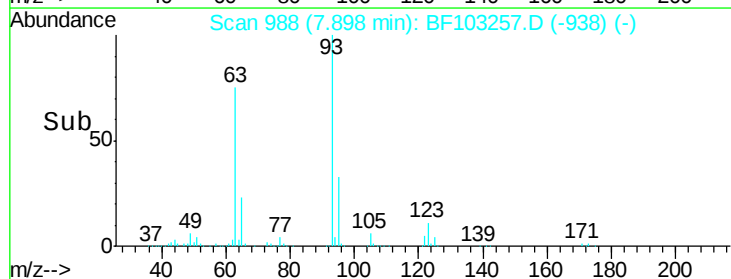
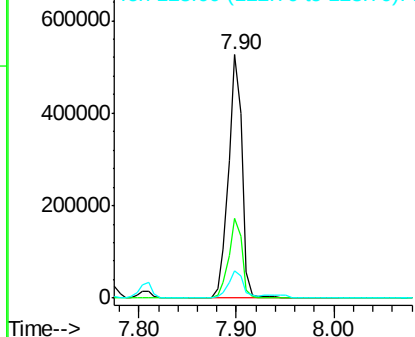


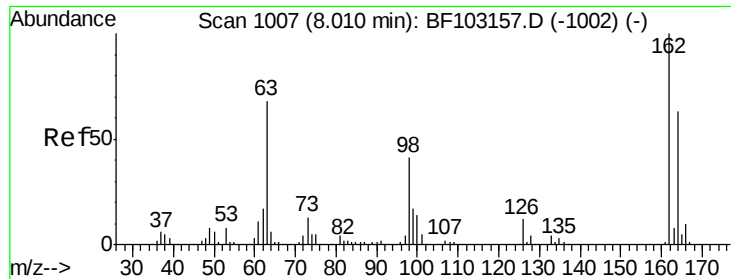
#28
bis(2-Chloroethoxy)methane
Concen: 48.144 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	11.3	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





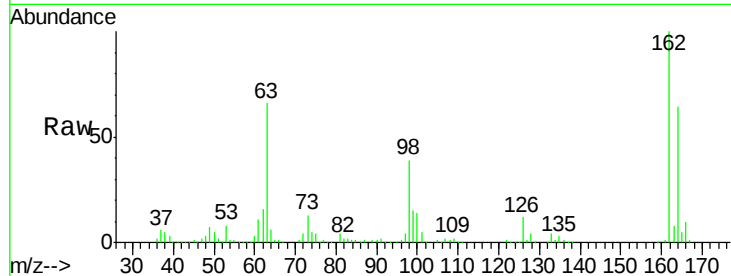
#29
2,4-Dichlorophenol
Concen: 47.634 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

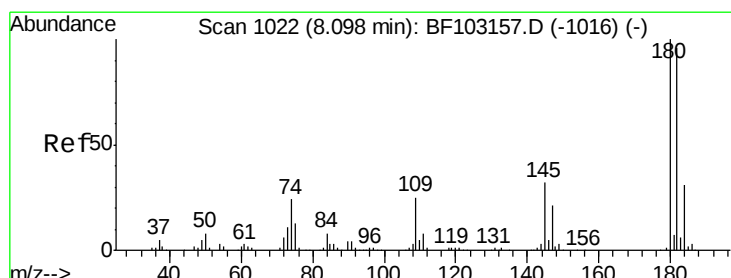
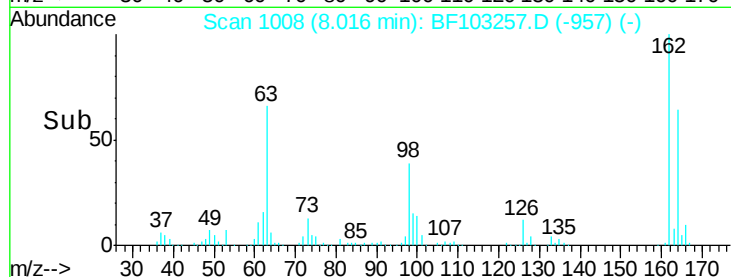
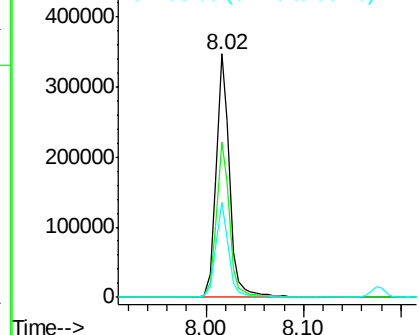
Tot Ion	Ratio	Resp	Lower	Upper
162	100	329592		
164	63.8	42.7	82.7	
98	39.1	18.1	58.1	

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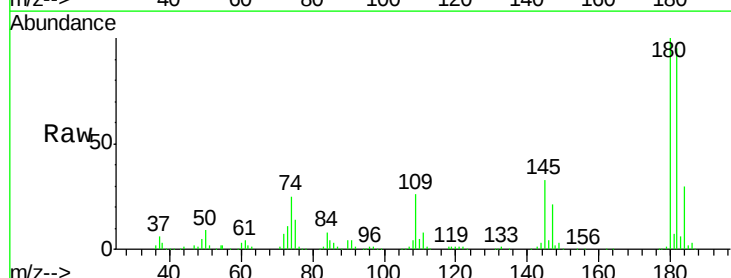


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

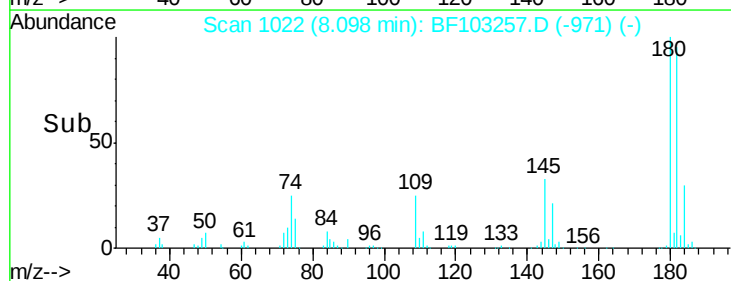
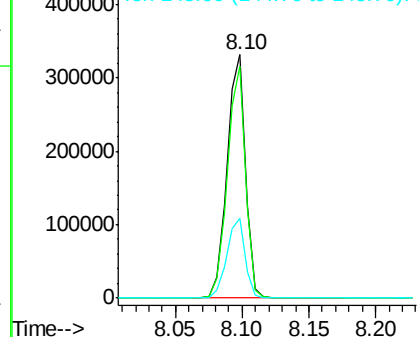


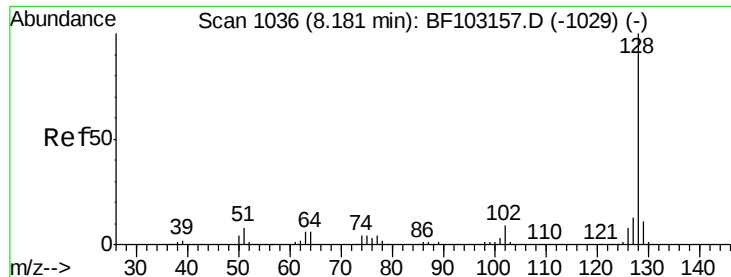
#30
1,2,4-Trichlorobenzene
Concen: 43.923 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	323638		
182	95.2	76.8	115.2	
145	32.7	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: 44.098 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

PB106758BS

Tot Ion:128 Resp: 1124705

Ion Ratio Lower Upper

128 100

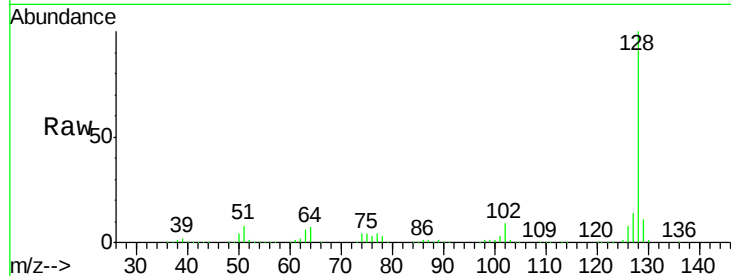
129 11.1 8.8 13.2

127 13.7 10.9 16.3

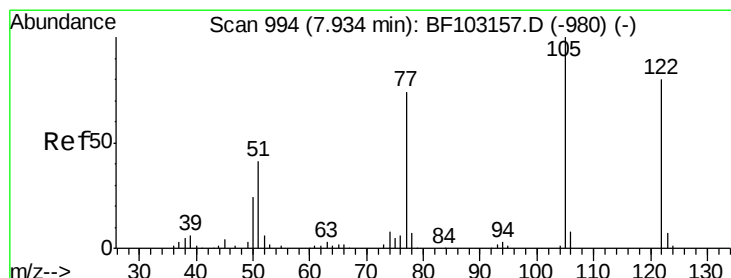
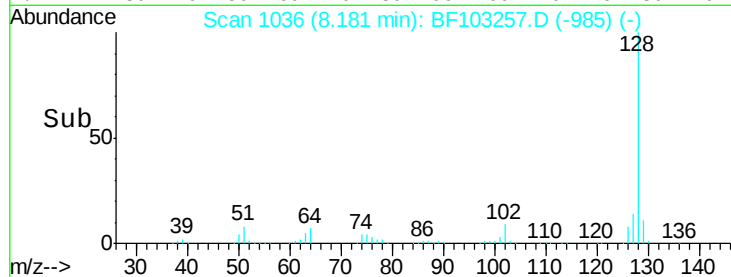
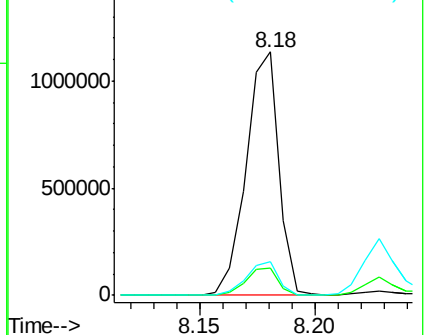
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.160 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

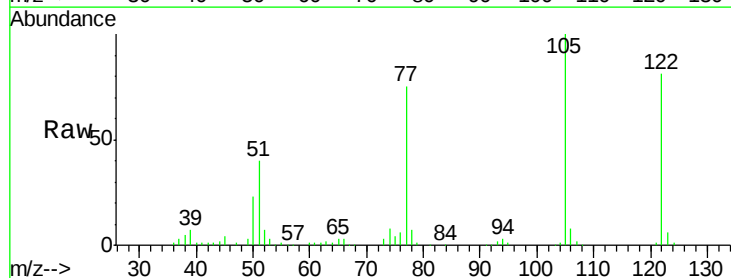
Tgt Ion:122 Resp: 264631

Ion Ratio Lower Upper

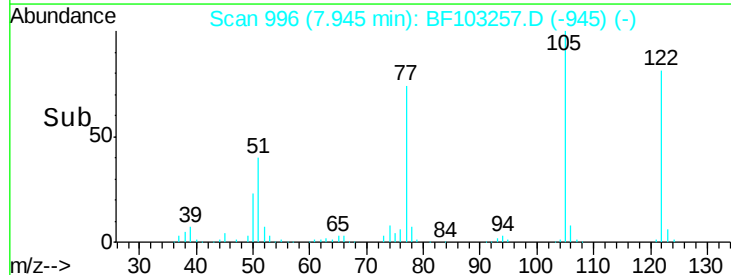
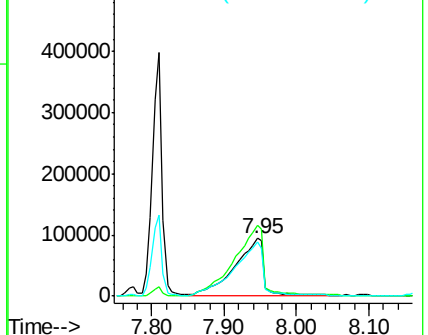
122 100

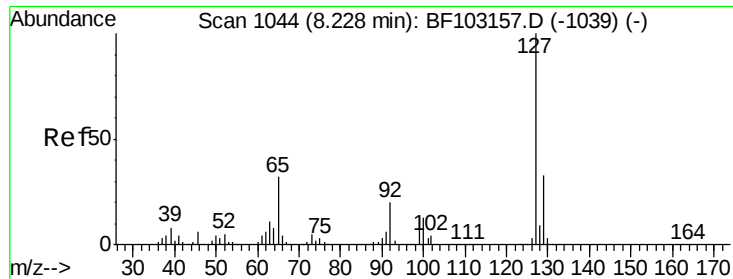
105 123.5 101.1 141.1

77 92.7 70.7 110.7



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





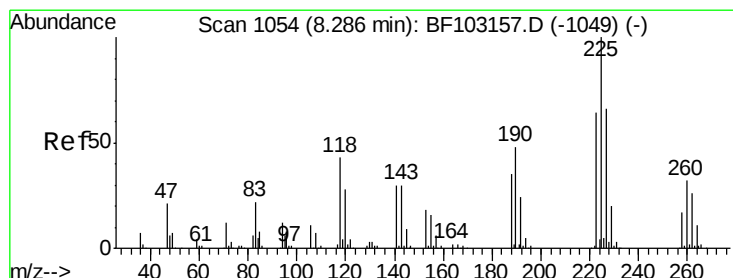
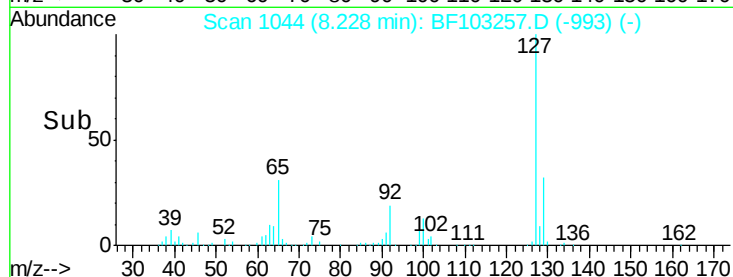
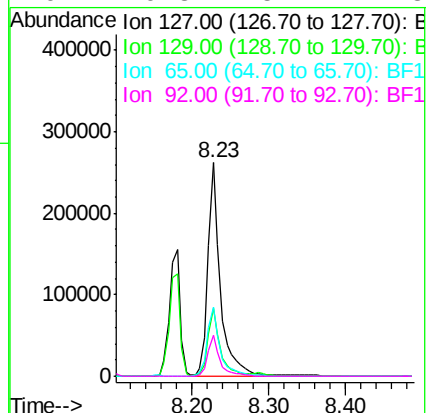
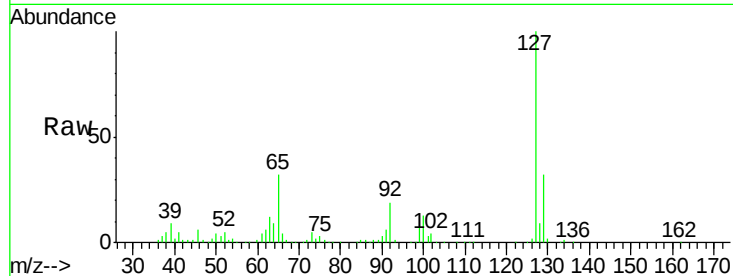
#33
4-Chloroaniline
Concen: 27.311 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	25.9	38.9	
65	32.2	25.0	37.4	
92	19.3	15.2	22.8	

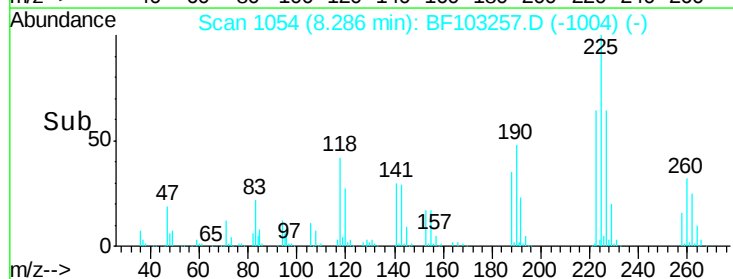
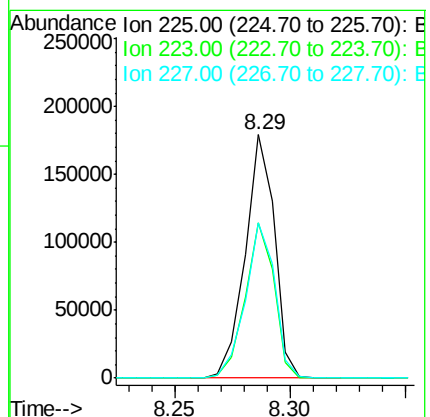
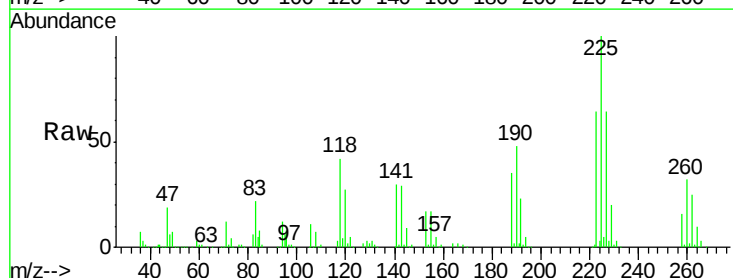
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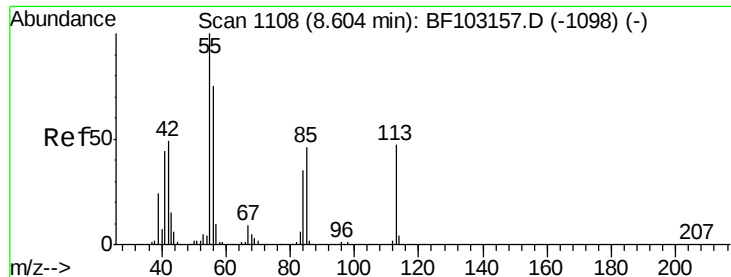
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#34
Hexachlorobutadiene
Concen: 41.502 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.6	76.0	
227	64.0	51.9	77.9	





#35

Caprolactam

Concen: 51.998 ng/mL

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

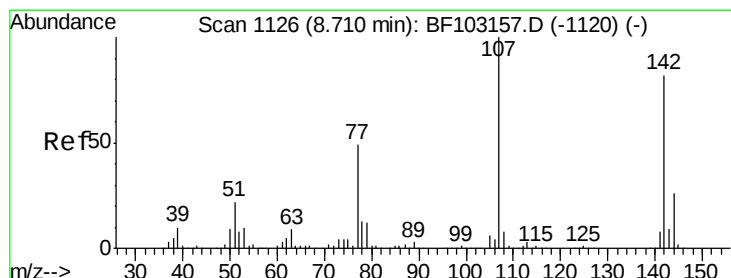
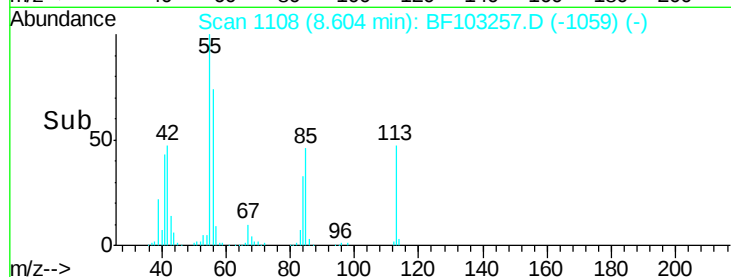
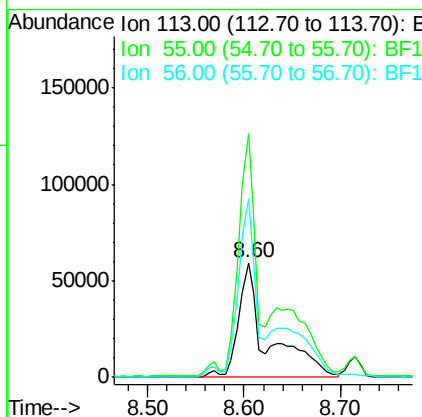
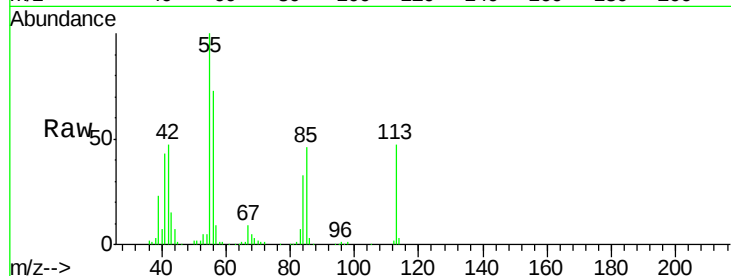
ClientSampleID :

PB106758BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	212.6	163.3	203.3#
56	156.1	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 48.144 ng/mL

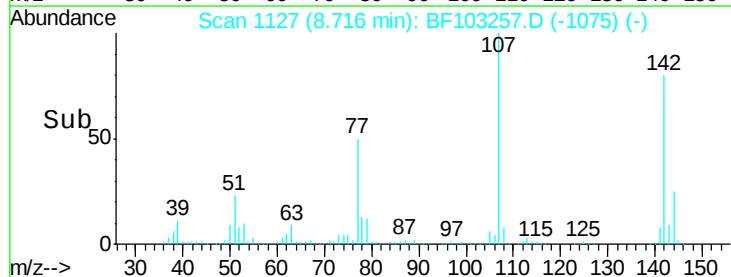
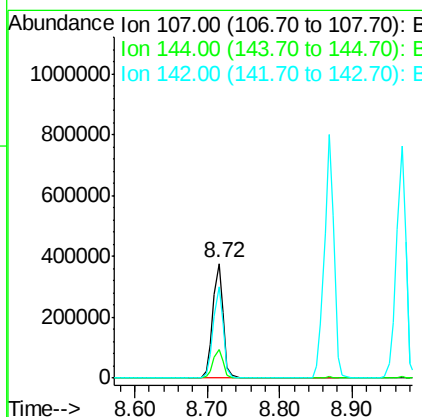
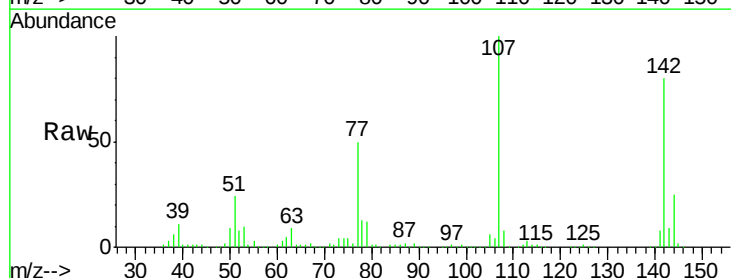
RT: 8.72 min Scan# 1127

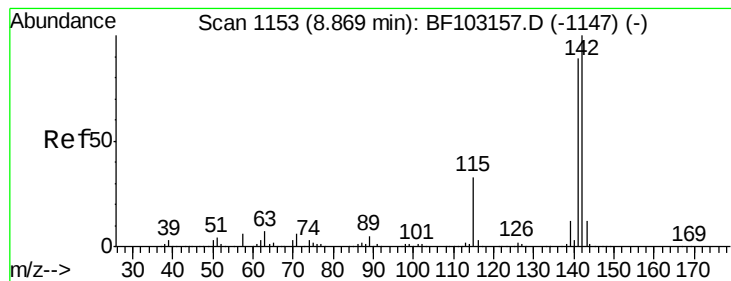
Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.5	30.7
142	79.6	62.0	93.0





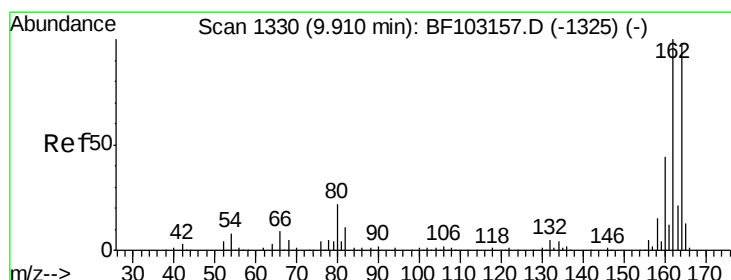
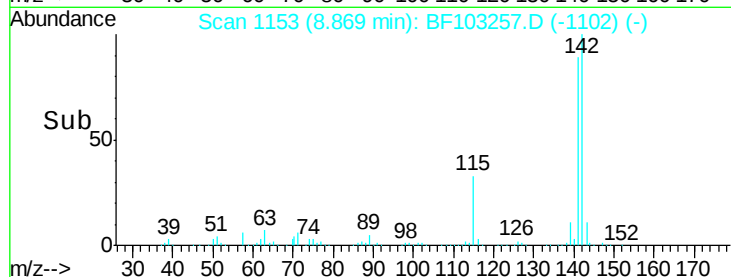
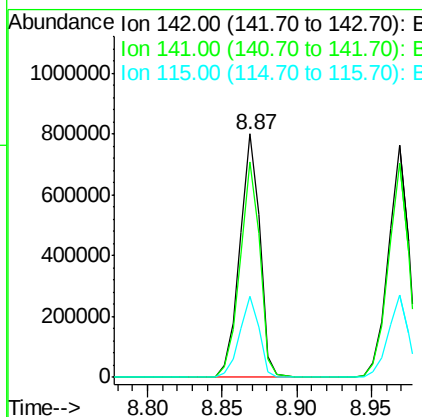
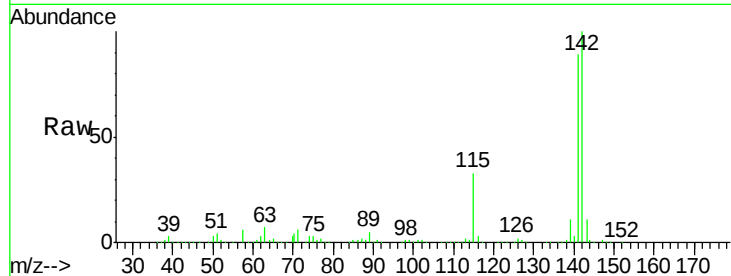
#37
2-Methylnaphthalene
Concen: 45.638 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	33.2	26.1	39.1

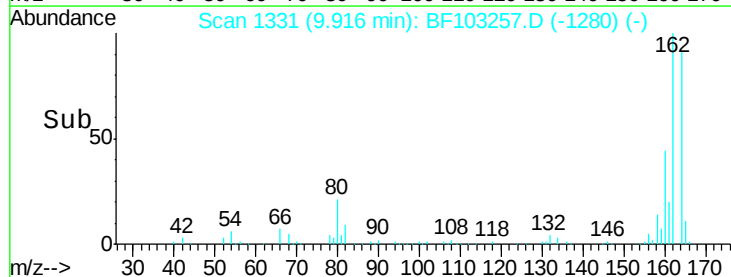
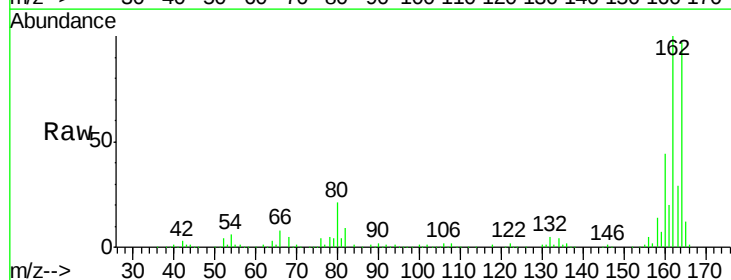
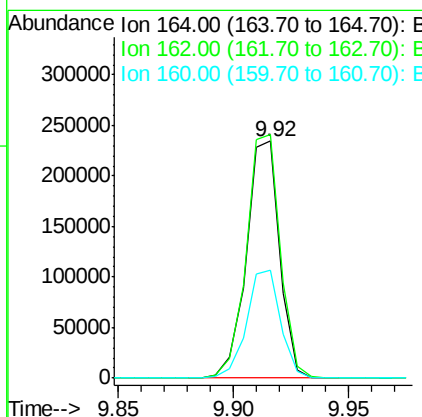
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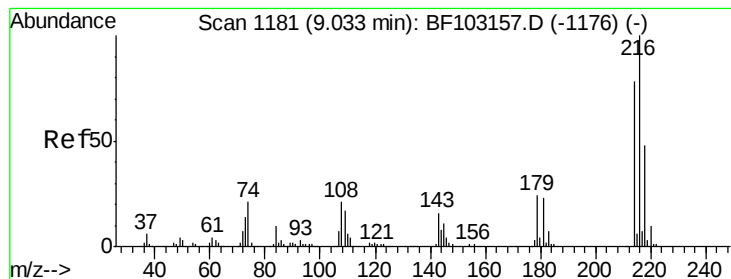
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.1	129.1
160	45.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.456 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

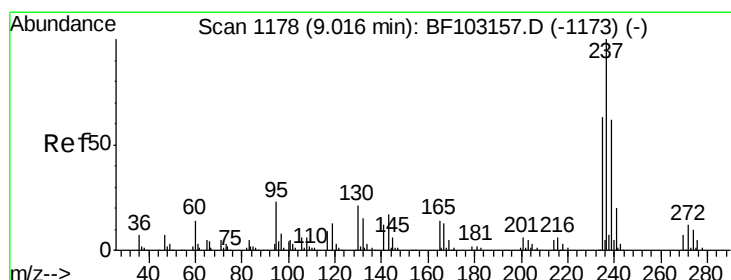
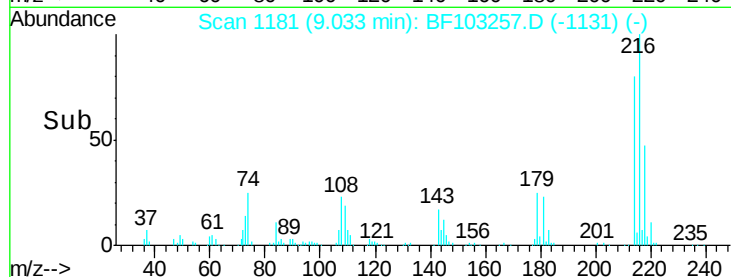
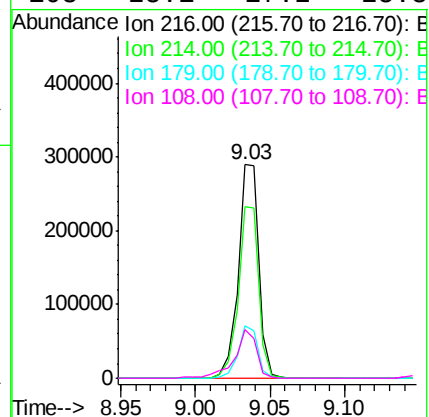
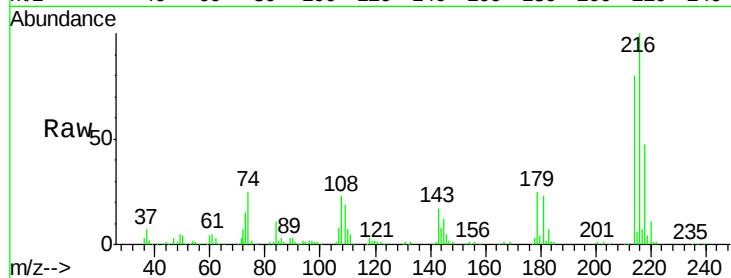
ClientSampleId :

PB106758BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	279559		
214	79.9	63.0	94.4	
179	23.5	18.1	27.1	
108	25.1	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 88.393 ng

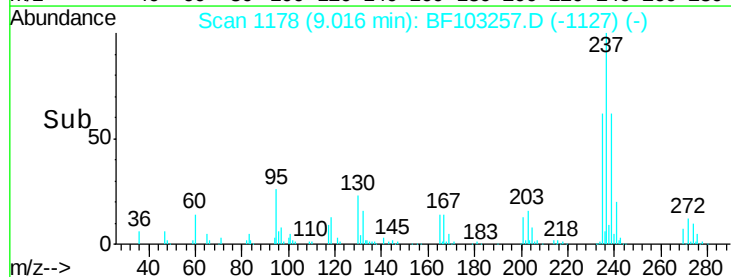
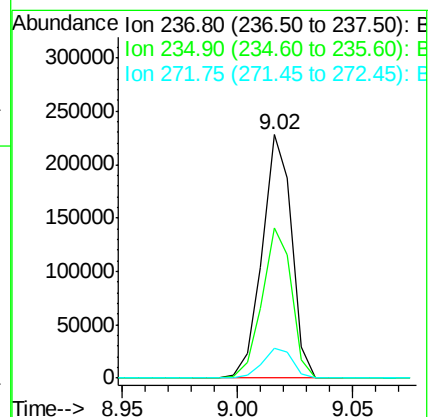
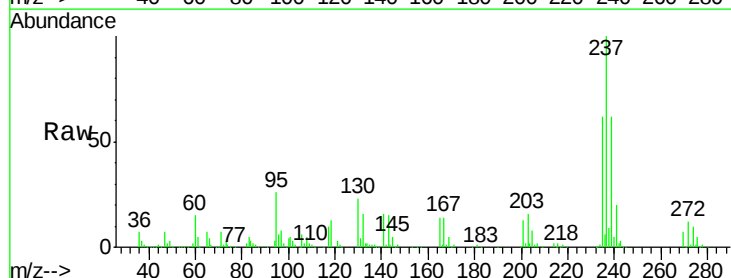
RT: 9.02 min Scan# 1178

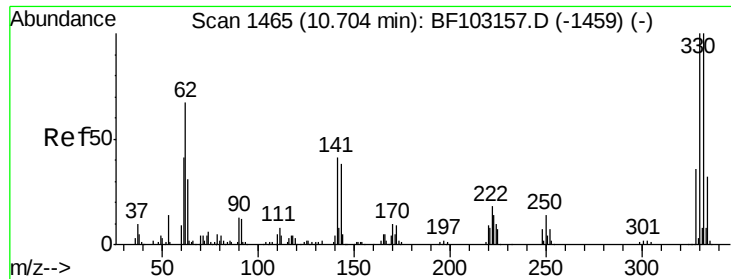
Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	202814		
235	61.6	44.8	84.8	
272	12.1	0.0	33.3	





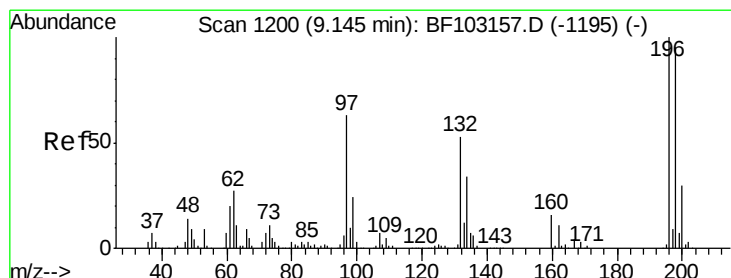
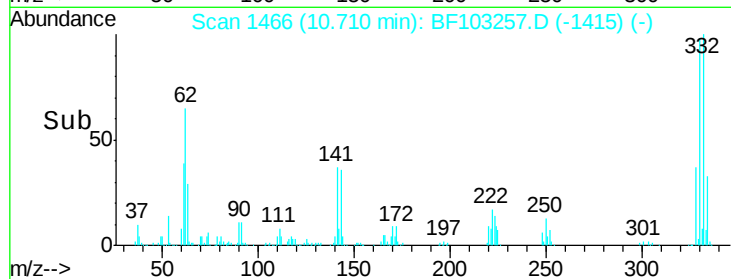
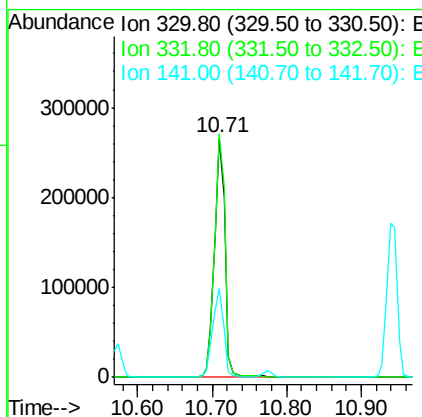
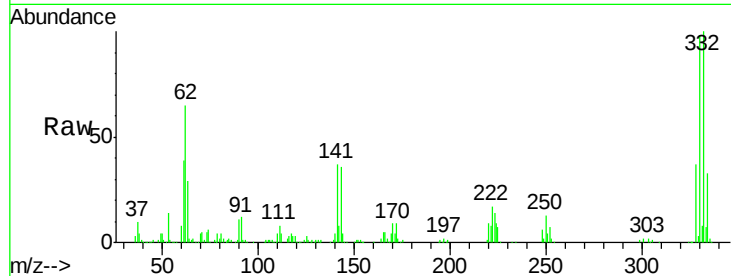
#41
 2,4,6-Tribromophenol
 Concen: 131.788 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.4	77.0	115.6	
141	38.4	29.9	44.9	

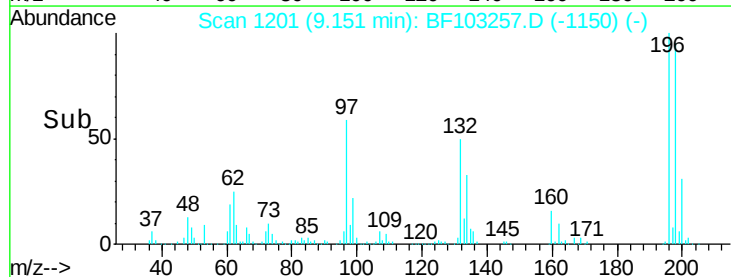
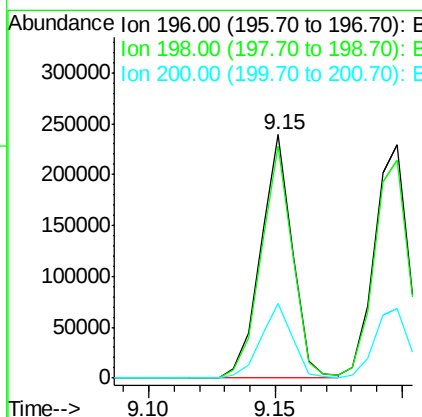
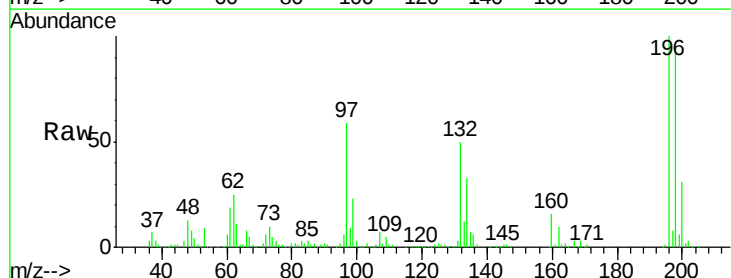
Manual Integrations
 APPROVED

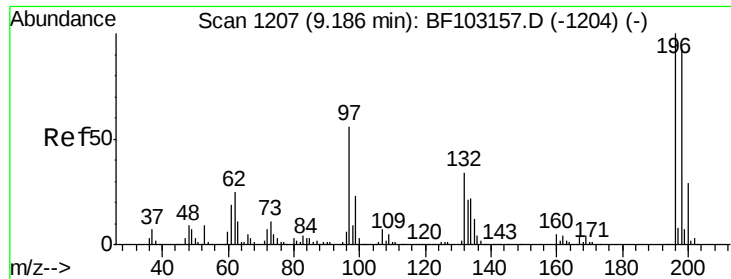
Sohil
 2/28/2018 11:17:23 AM



#42
 2,4,6-Trichlorophenol
 Concen: 47.873 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.5	75.7	113.5	
200	30.5	24.5	36.7	





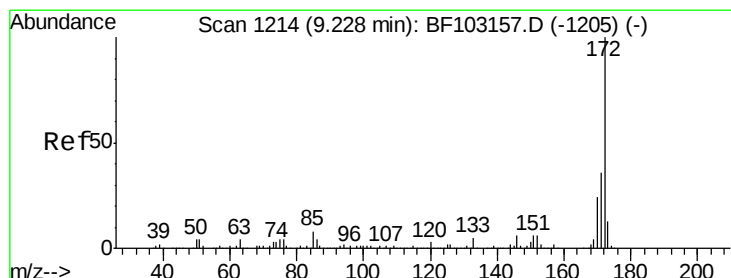
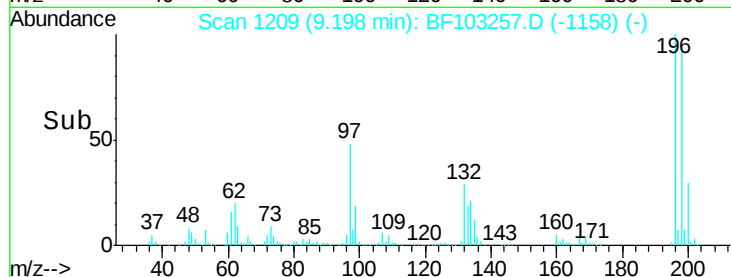
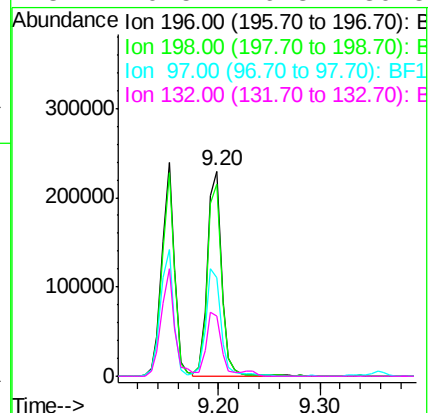
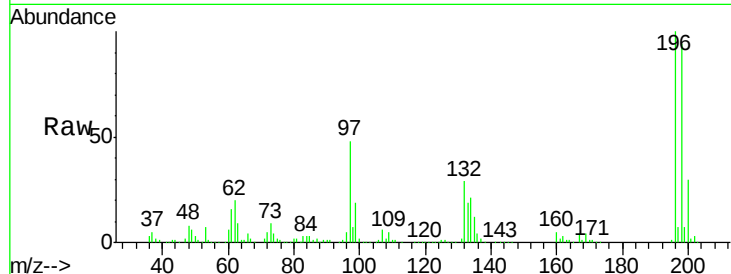
#43
 2,4,5-Trichlorophenol
 Concen: 45.149 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		224781		
198	93.6	74.6	112.0		
97	48.2	42.9	64.3		
132	29.5	26.3	39.5		

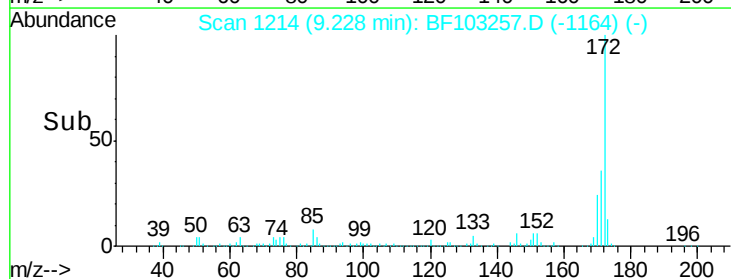
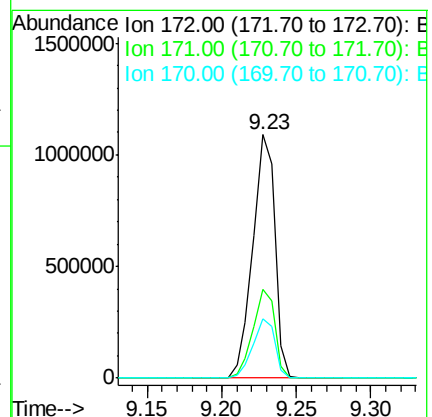
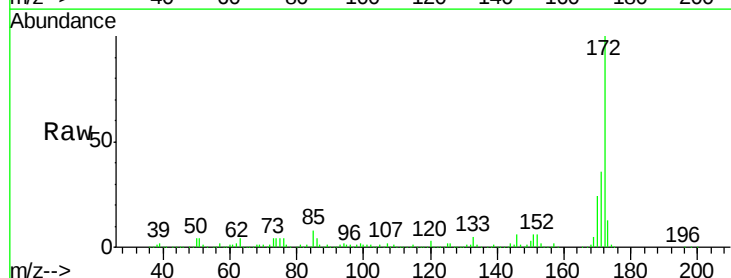
Manual Integrations
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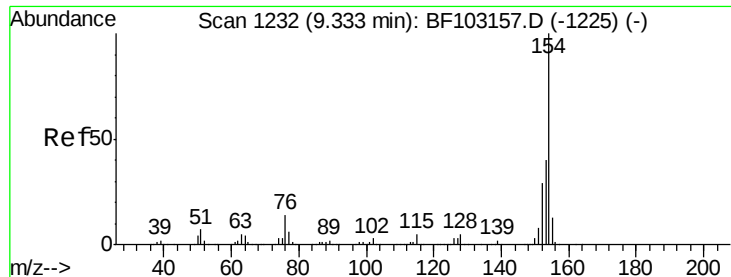
Sohil
 2/28/2018 11:17:23 AM



#44
 2-Fluorobiphenyl
 Concen: 80.611 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1114949		
171	36.3	29.7	44.5		
170	24.4	19.6	29.4		





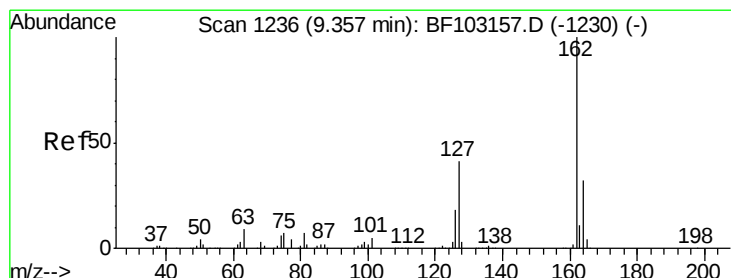
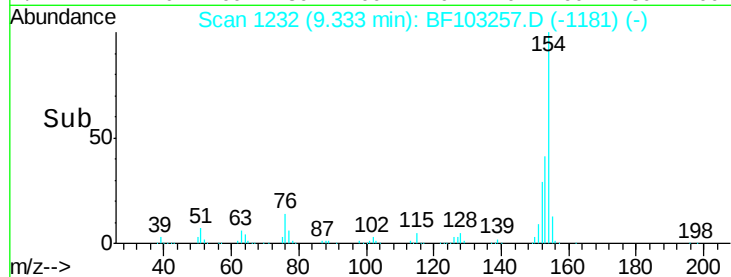
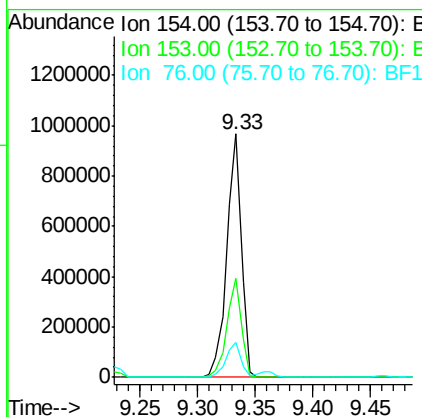
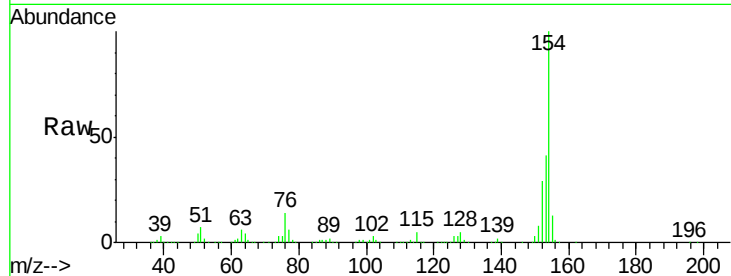
#45
 1,1'-Biphenyl
 Concen: 42.913 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	21.3	61.3	
76	14.2	0.0	34.0	

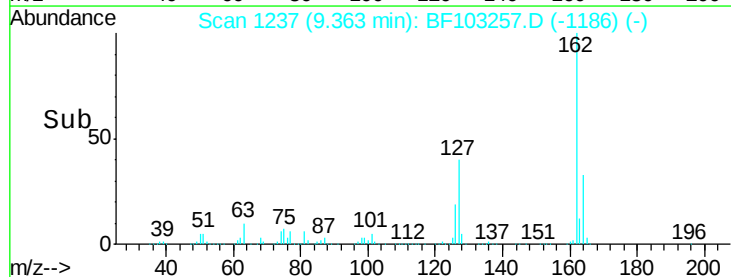
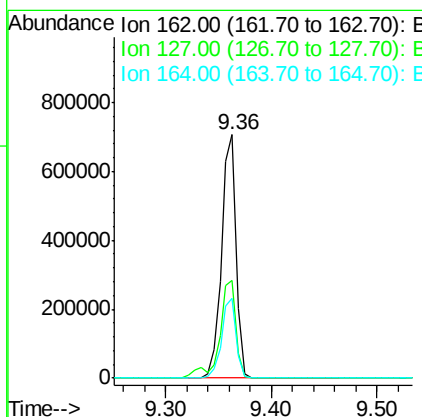
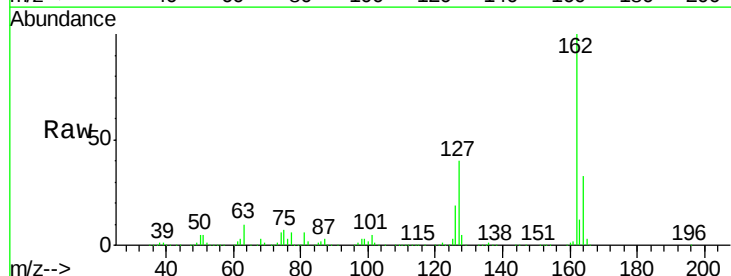
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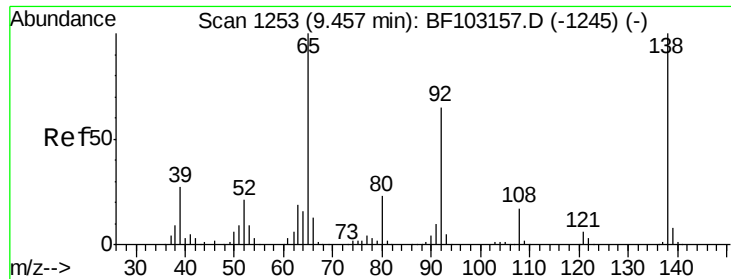
Sohil
 2/28/2018 11:17:23 AM



#46
 2-Chloronaphthalene
 Concen: 43.889 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.9	33.9	50.9	
164	32.9	26.5	39.7	





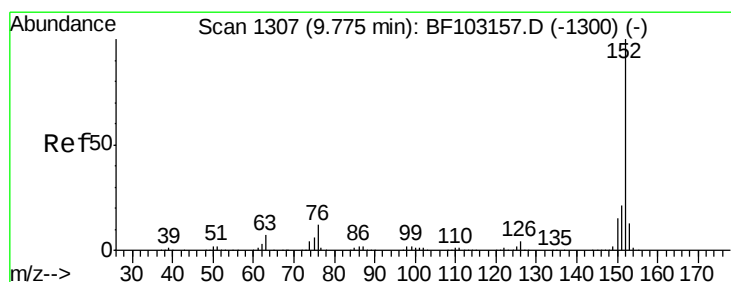
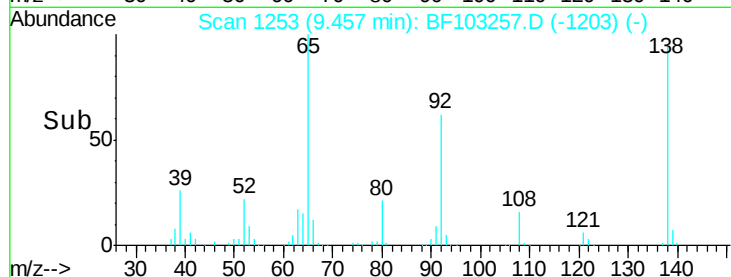
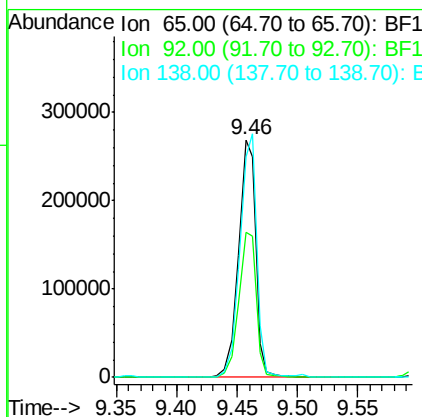
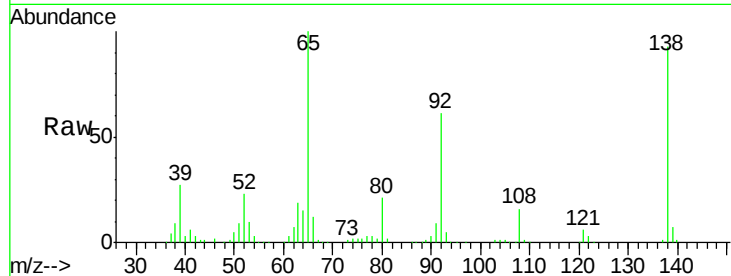
#47
2-Nitroaniline
Concen: 46.862 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.4	55.8	83.6
138	93.2	91.2	136.8

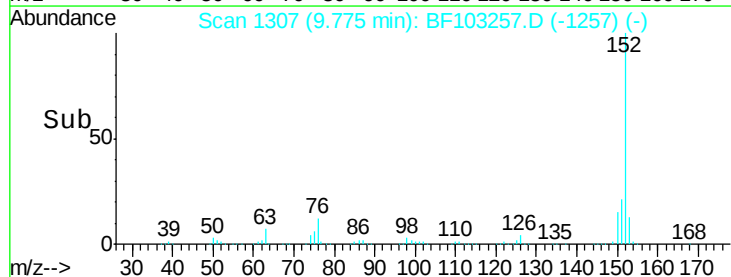
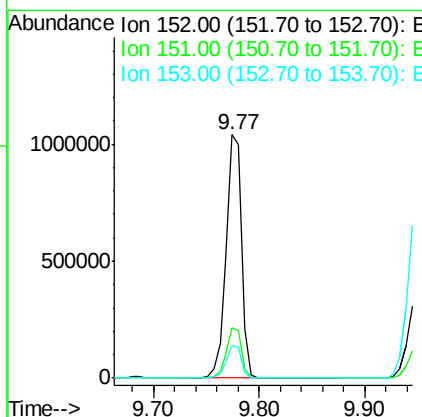
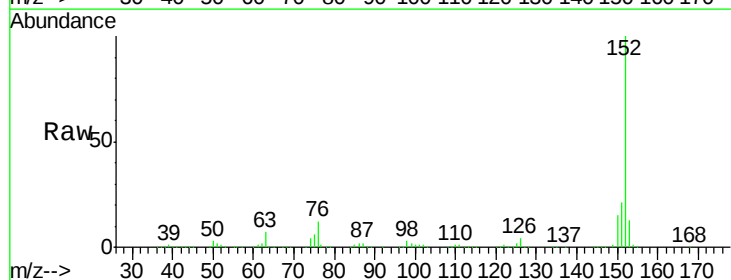
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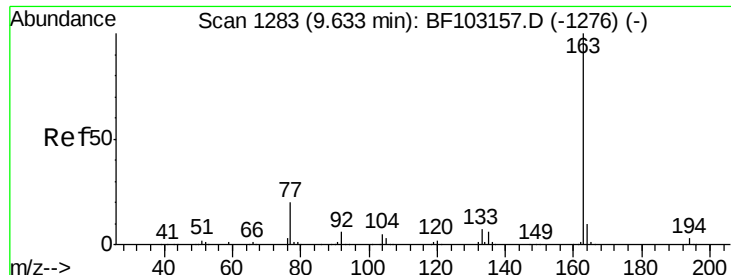
Sohil
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#48
Acenaphthylene
Concen: 43.735 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.3	10.7	16.1





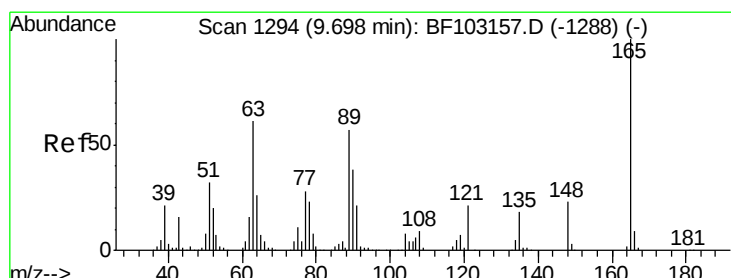
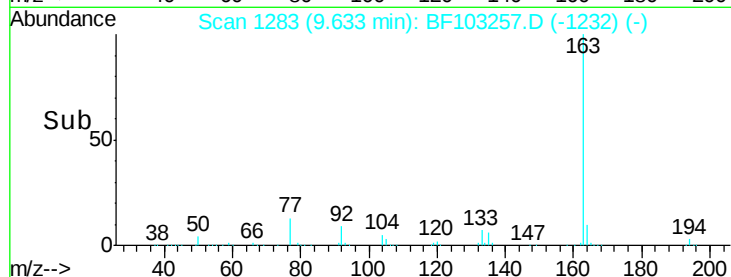
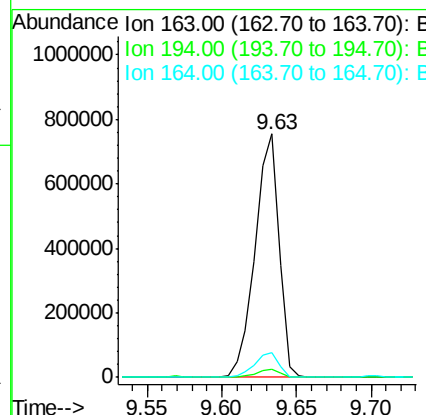
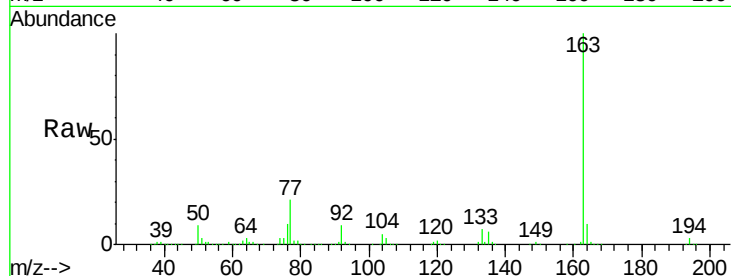
#49
Dimethylphthalate
Concen: 44.025 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.0	8.2	12.2	

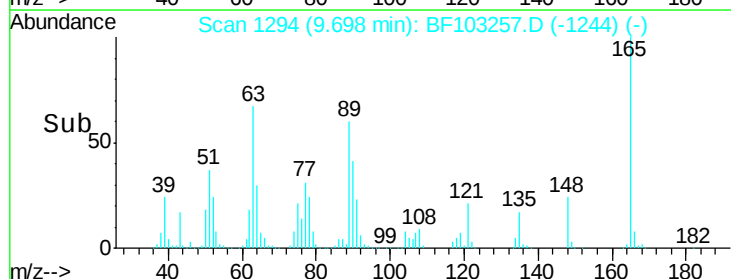
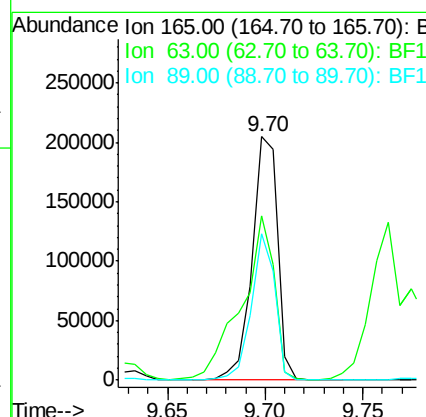
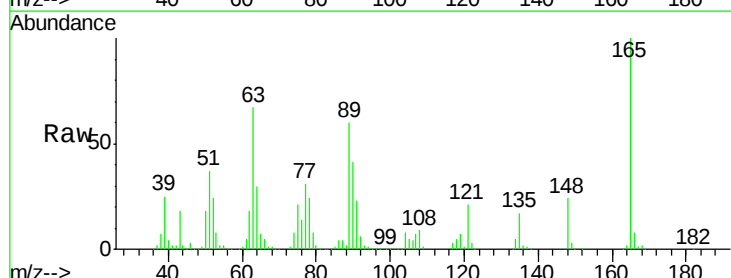
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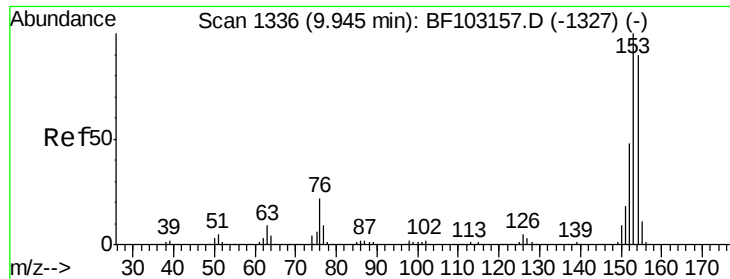
Sohil
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#50
2,6-Dinitrotoluene
Concen: 46.777 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.5	44.7	67.1#	
89	60.3	44.0	66.0	





#51

Acenaphthene

Concen: 42.888 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

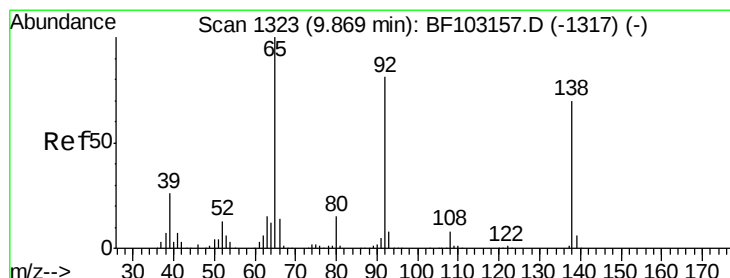
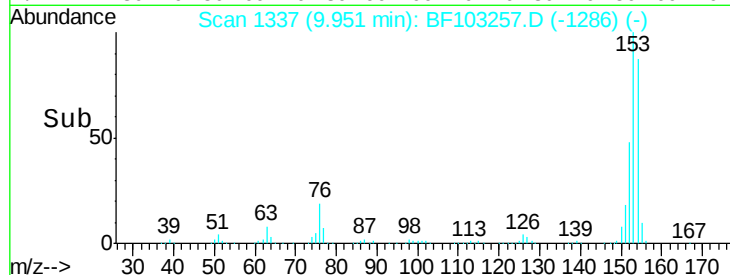
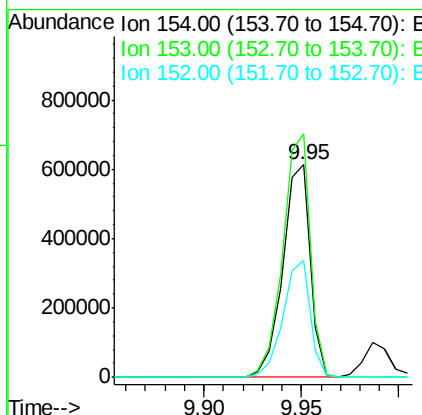
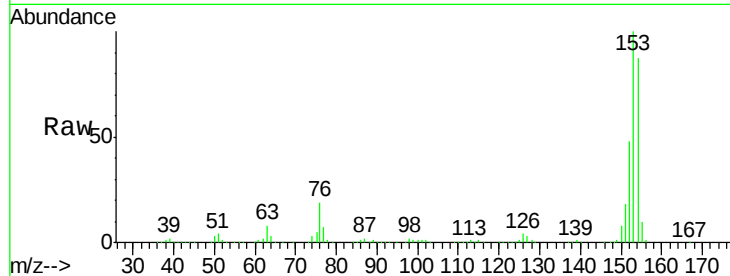
ClientSampleId :

PB106758BS

Tot Ion:	154	Resp:	600260
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.2	136.8
152	54.7	43.8	65.8

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#52

3-Nitroaniline

Concen: 32.889 ng

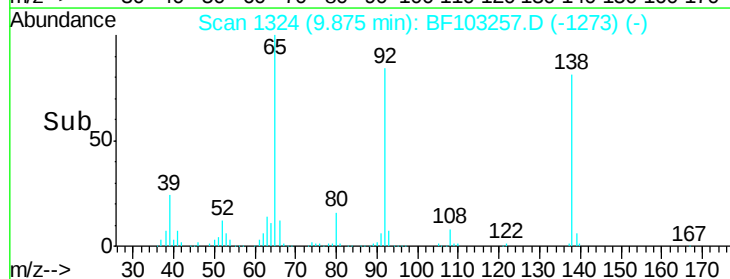
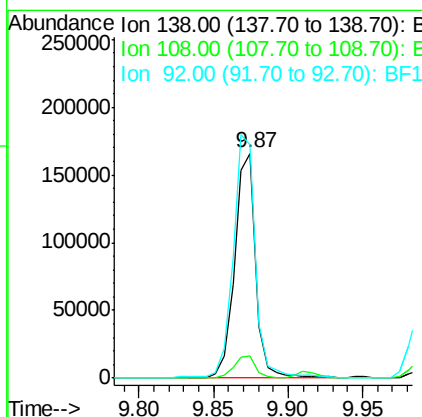
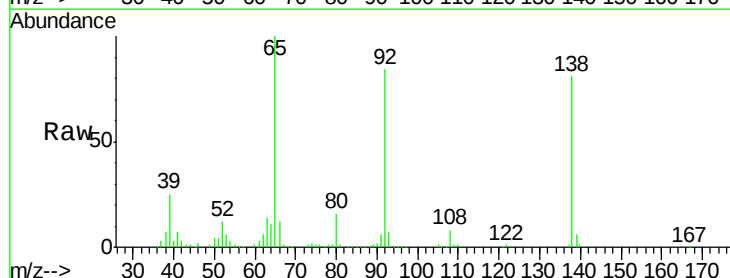
RT: 9.87 min Scan# 1324

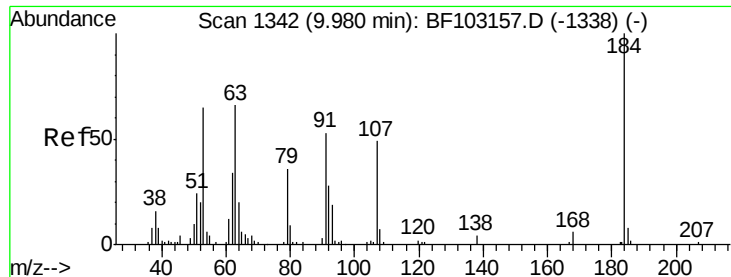
Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Tgt Ion:	138	Resp:	165303
Ion Ratio	Lower	Upper	
138	100		
108	9.6	9.4	14.0
92	103.9	89.4	134.2





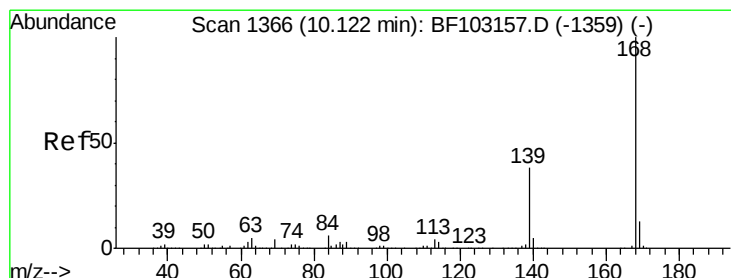
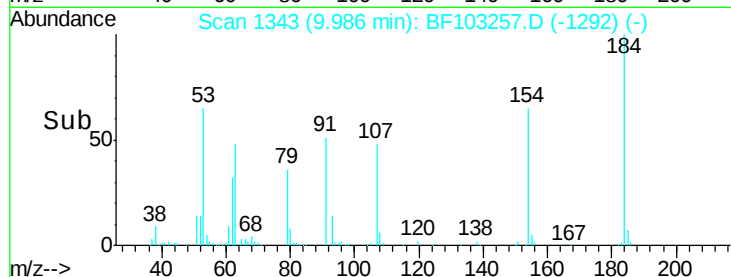
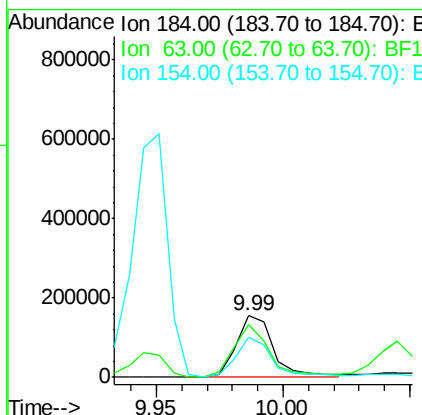
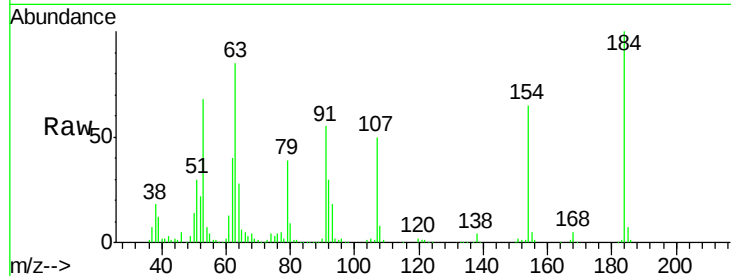
#53
2,4-Dinitrophenol
Concen: 107.417 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampled :
PB106758BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	85.0	54.2	81.2#	
154	65.2	184.0	276.0#	

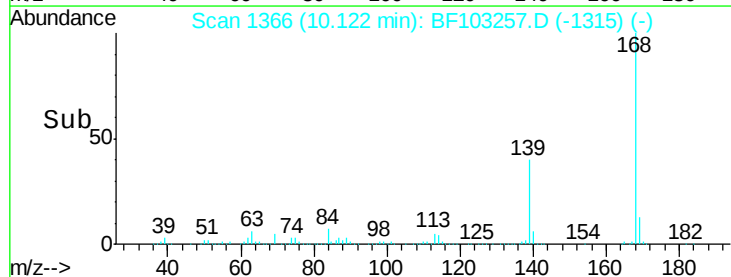
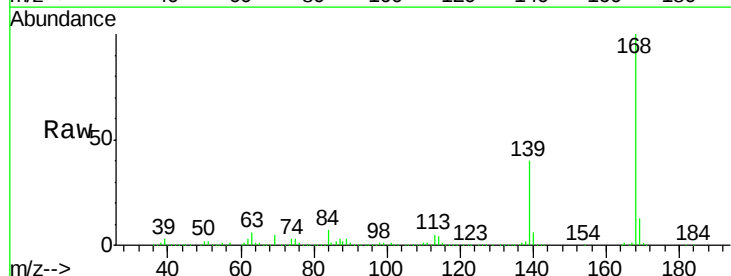
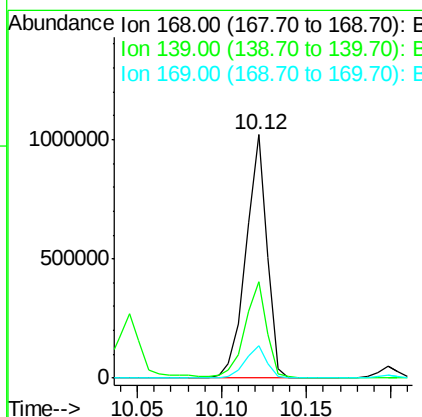
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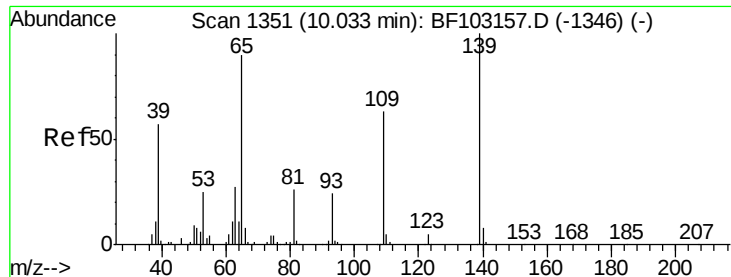
Sohil
2/28/2018 11:17:23 AM



#54
Dibenzofuran
Concen: 46.475 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.8	30.1	45.1	
169	13.5	10.9	16.3	





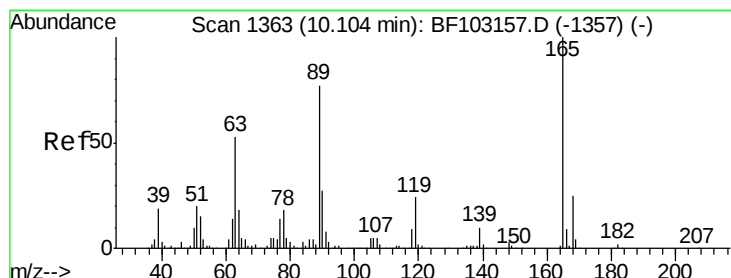
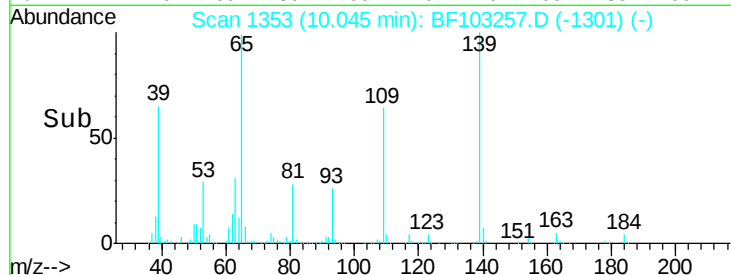
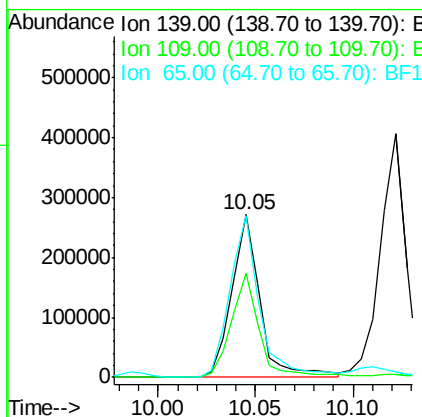
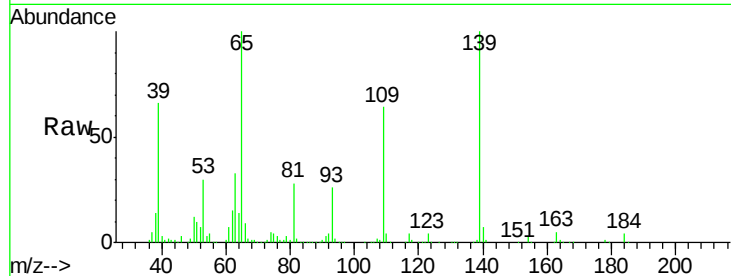
#55
4-Nitrophenol
Concen: 87.811 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampled :
PB106758BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	273536		
109	64.0	48.4	88.4	
65	99.6	72.6	112.6	

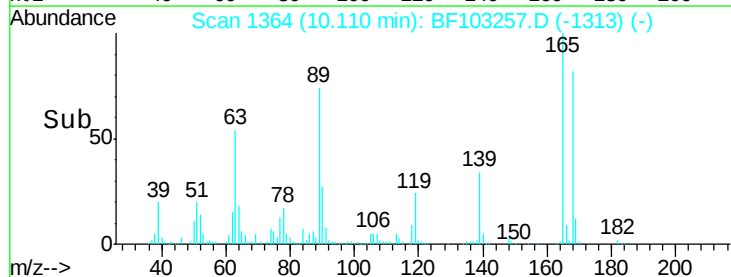
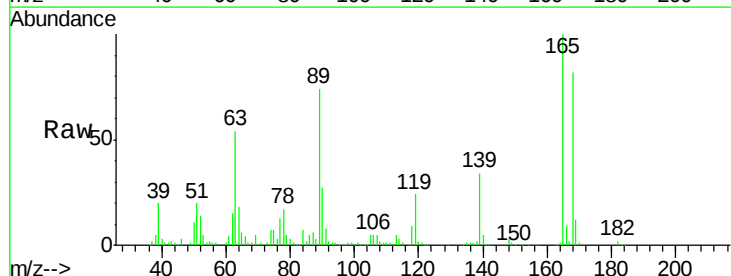
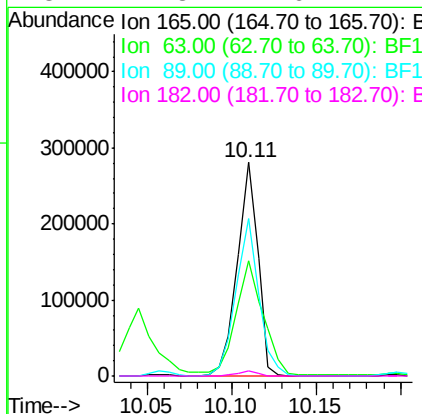
Manual Integrations
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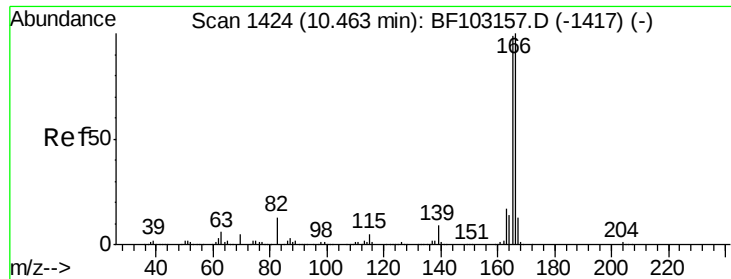
Sohil
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#56
2,4-Dinitrotoluene
Concen: 47.842 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	239702		
63	53.7	36.4	54.6	
89	73.7	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 42.998 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

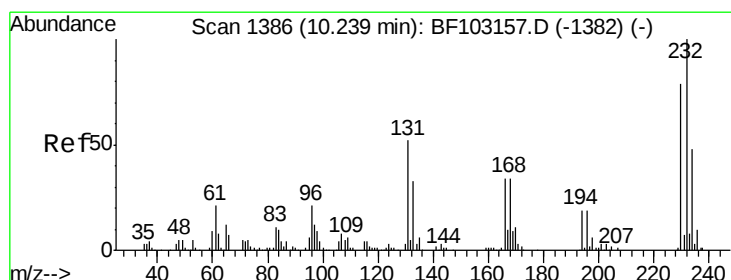
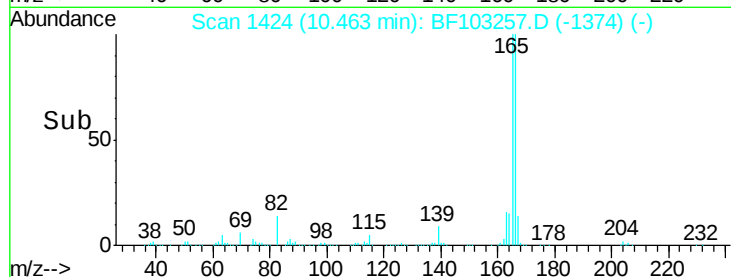
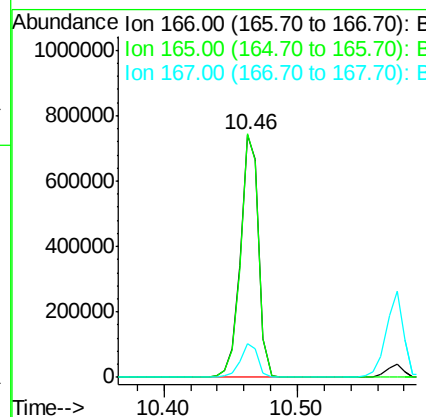
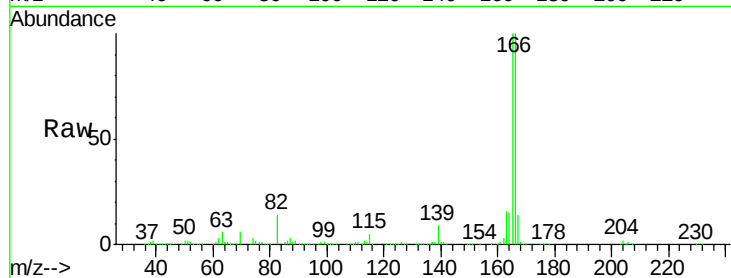
ClientSampleId :

PB106758BS

Tot Ion:	166	Resp:	703737
Ion Ratio	Lower	Upper	
166	100		
165	100.4	79.8	119.8
167	13.8	10.6	16.0

Manual Integrations
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2/28/2018 11:17:23 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.966 ng

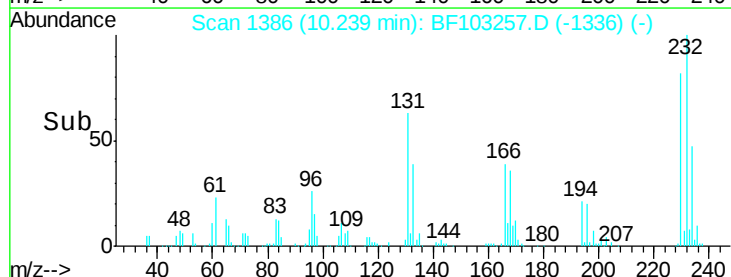
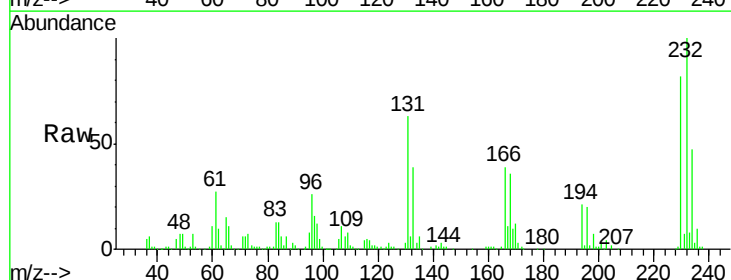
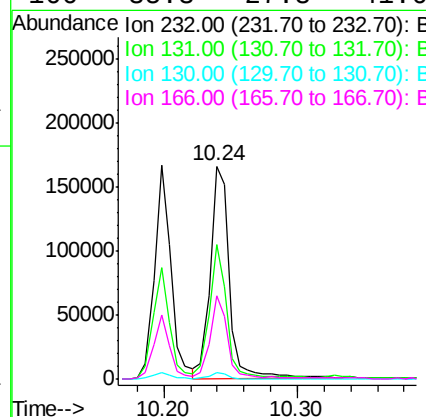
RT: 10.24 min Scan# 1386

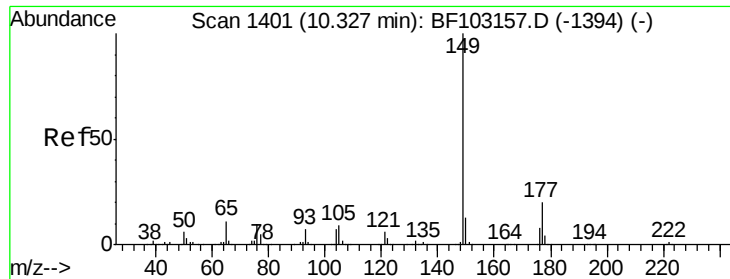
Delta R.T. -0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Tgt Ion:	232	Resp:	163768
Ion Ratio	Lower	Upper	
232	100		
131	58.1	43.8	65.8
130	2.7	2.1	3.1
166	35.3	27.8	41.6





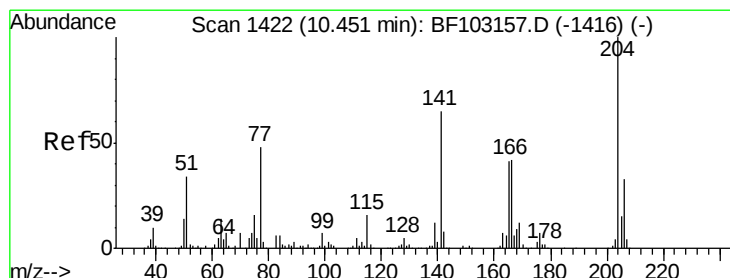
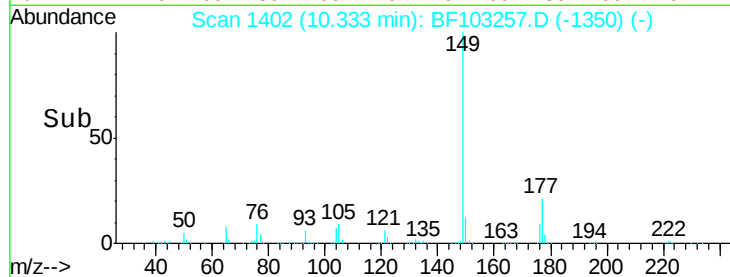
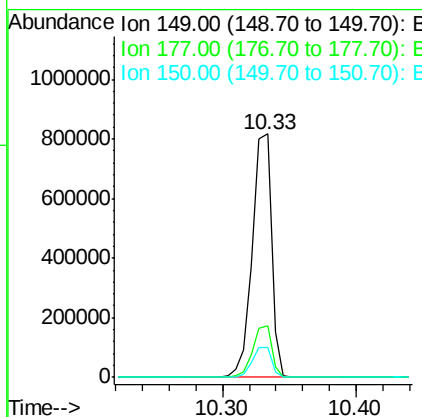
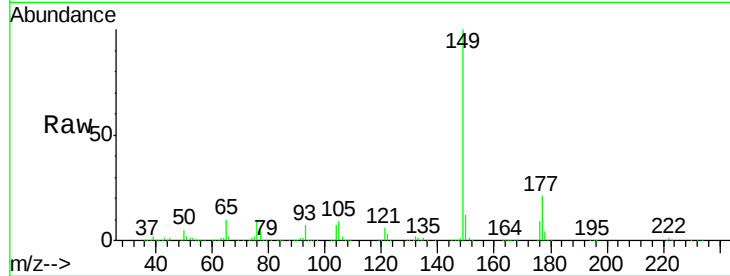
#59
Diethylphthalate
Concen: 44.386 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampled :
PB106758BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.1	24.1
150	12.4	10.1	15.1

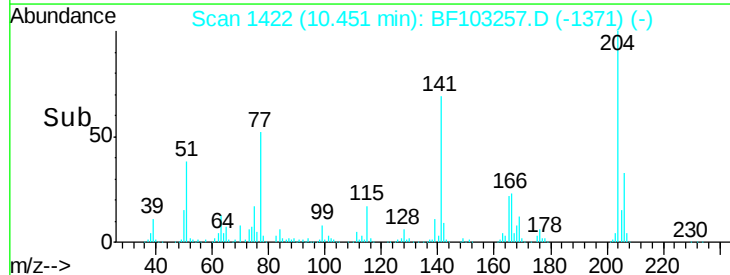
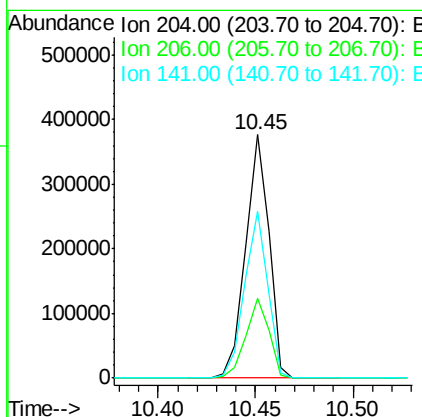
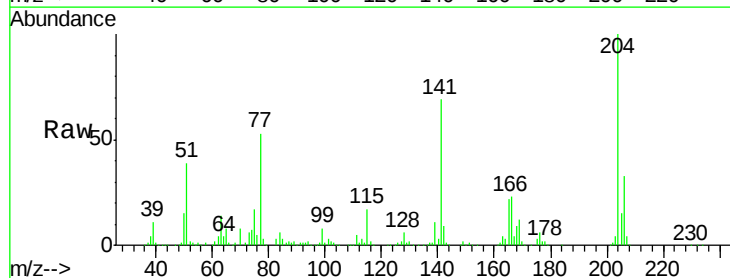
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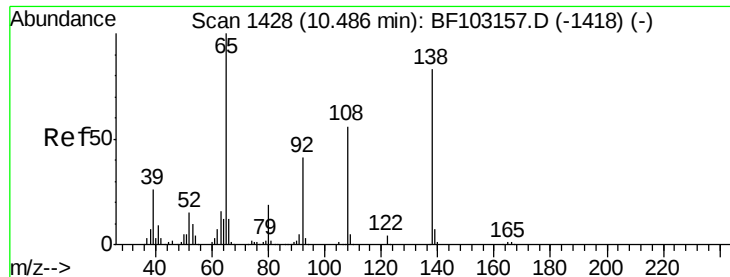
Sohil
2/28/2018 11:17:23 AM



#60
4-Chlorophenyl-phenylether
Concen: 45.083 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	68.7	54.6	81.8





#61

4-Nitroaniline

Concen: 46.607 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

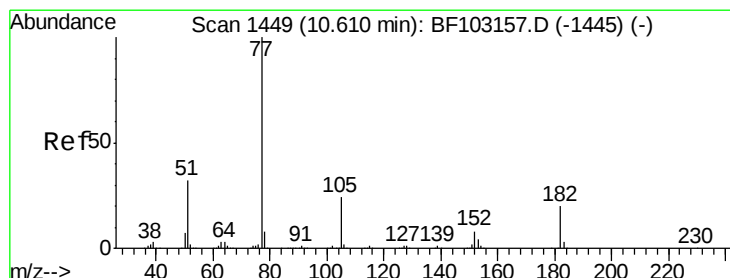
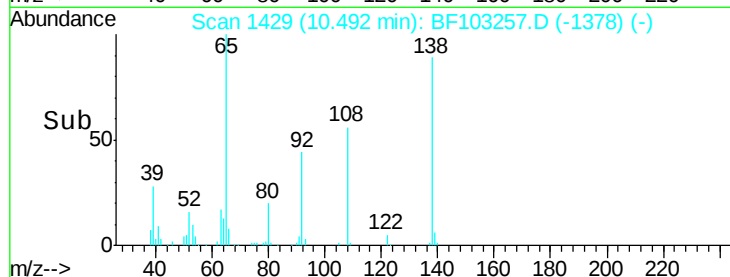
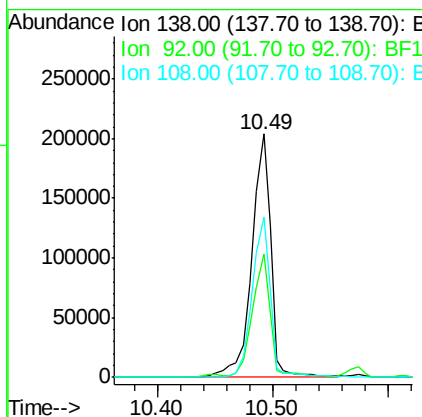
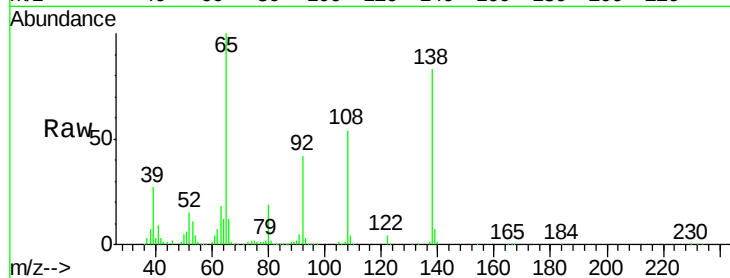
ClientSampled :

PB106758BS

Tot Ion:	138	Resp:	233977
Ion Ratio	Lower	Upper	
138	100		
92	50.4	30.2	70.2
108	66.0	52.5	92.5

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#62

Azobenzene

Concen: 45.704 ng

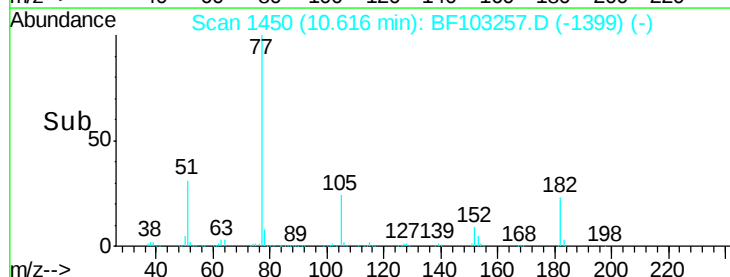
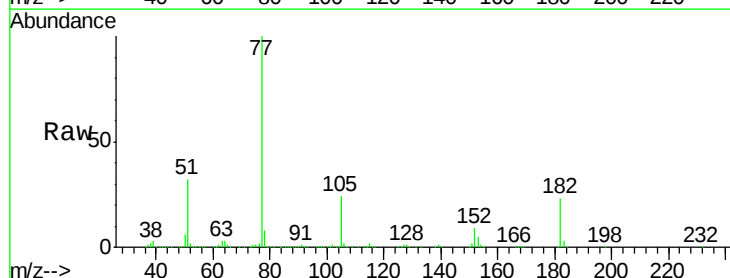
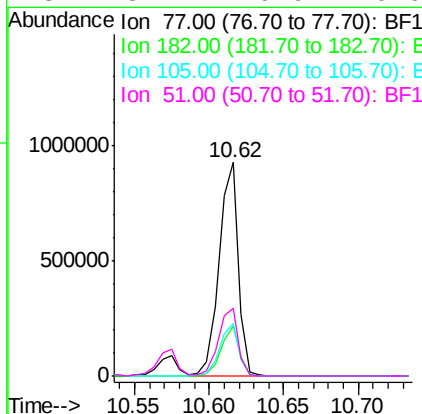
RT: 10.62 min Scan# 1450

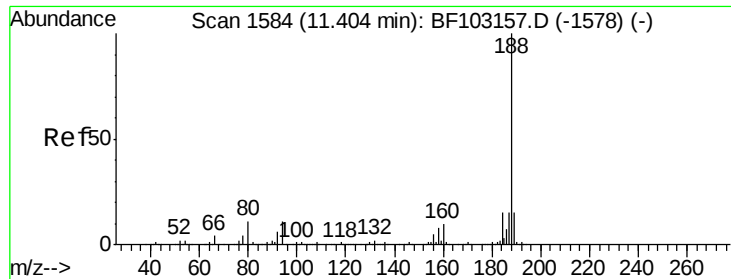
Delta R.T. -0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Tgt Ion:	77	Resp:	839938
Ion Ratio	Lower	Upper	
77	100		
182	23.2	1.7	41.7
105	24.4	3.0	43.0
51	31.7	9.9	49.9





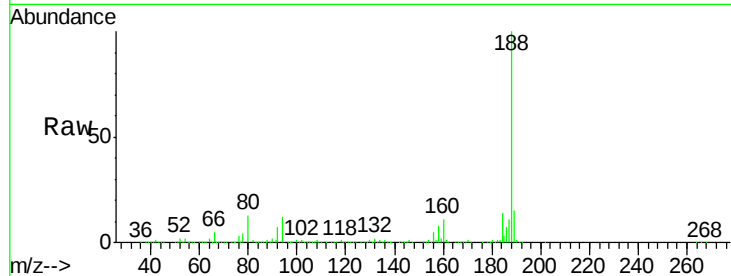
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	421560		
94	12.0		8.5	12.7
80	12.7		9.2	13.8

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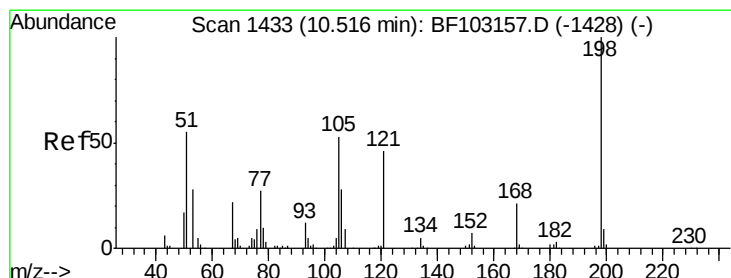
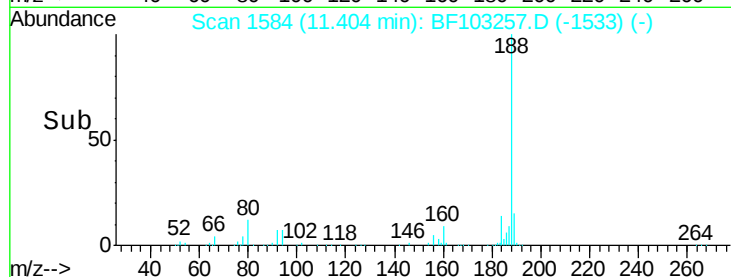
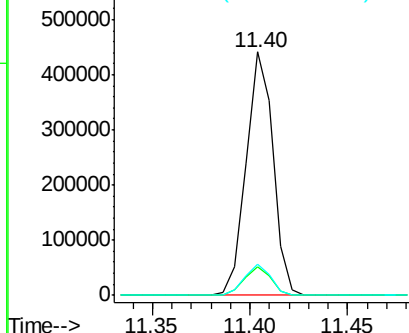
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Abundance Ion 188.00 (187.70 to 188.70): E

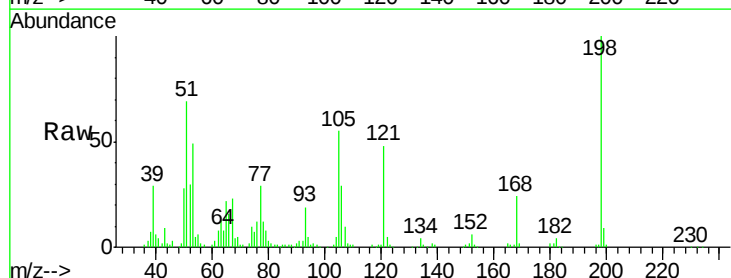
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 44.248 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

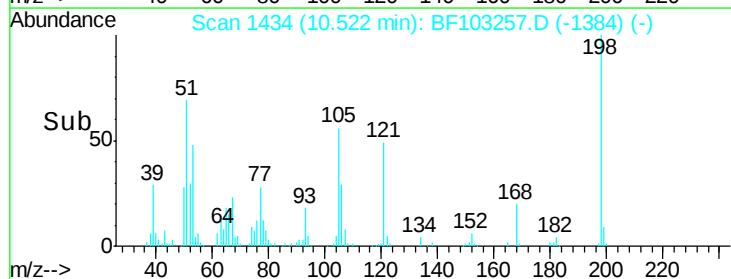
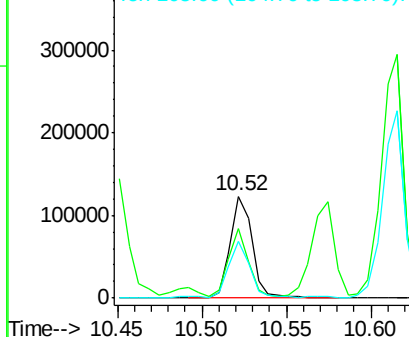
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	112392		
51	68.6		37.7	77.7
105	55.3		36.3	76.3

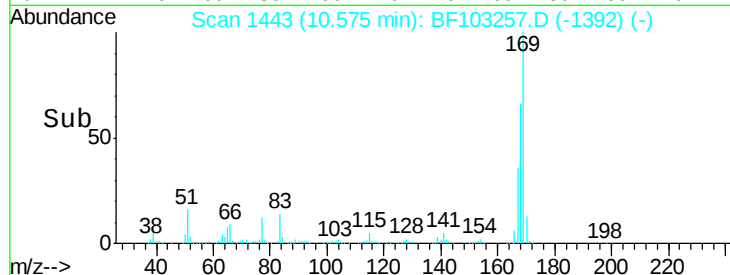
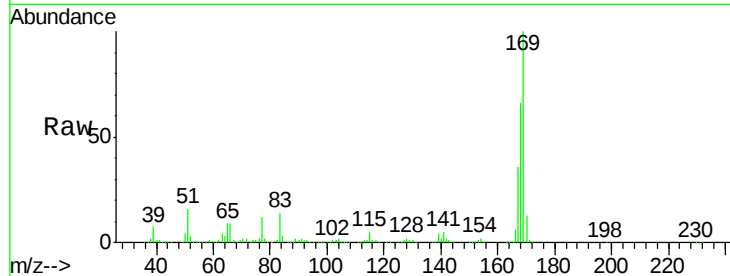
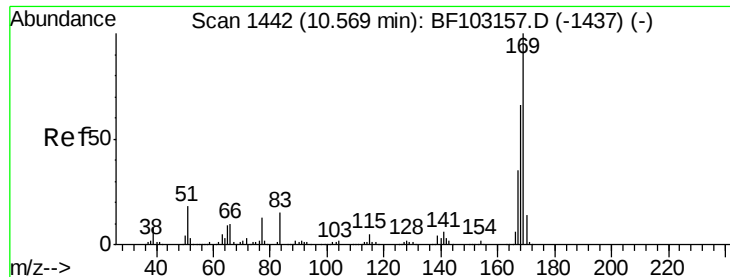


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





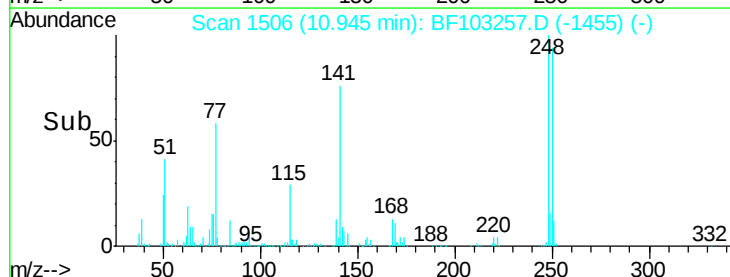
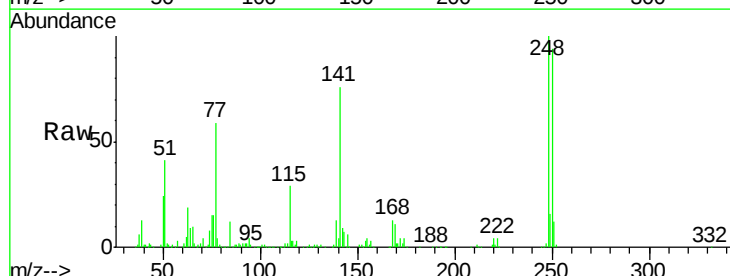
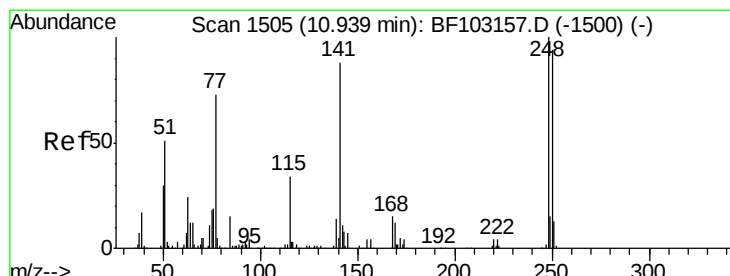
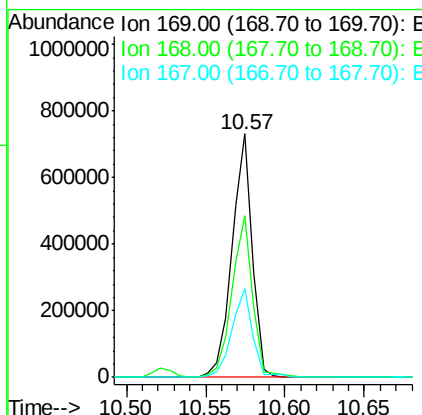
#65
n-Nitrosodiphenylamine
Concen: 43.946 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.2	54.4	81.6
167	36.3	29.8	44.6

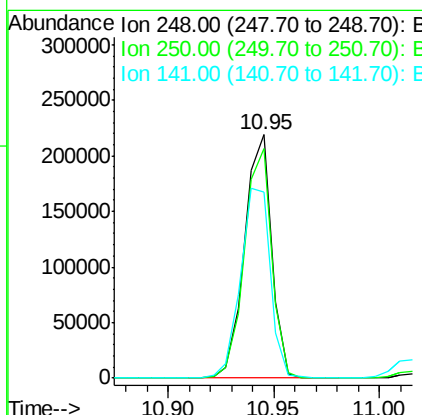
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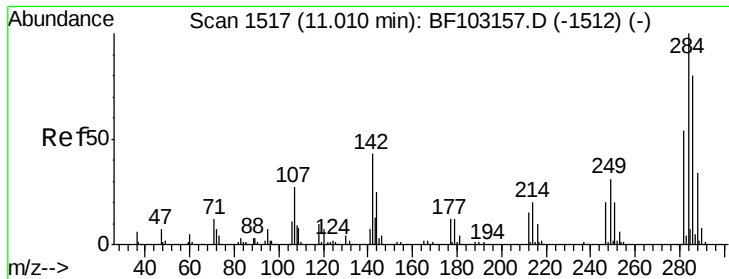
Sohil
2/28/2018 11:17:23 AM



#66
4-Bromophenyl-phenylether
Concen: 44.607 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.0	76.9	115.3
141	76.2	74.4	111.6





#67

Hexachlorobenzene

Concen: 42.722 ng

RT: 11.02 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

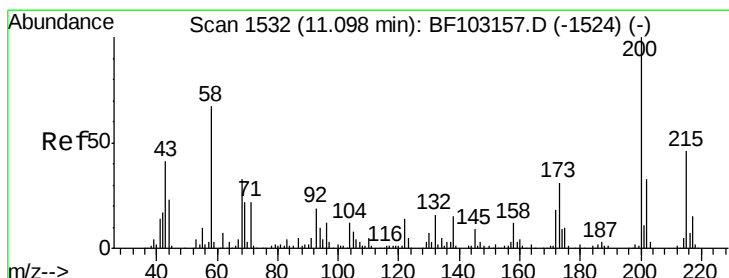
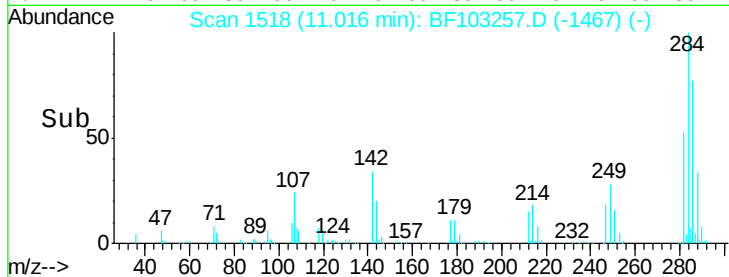
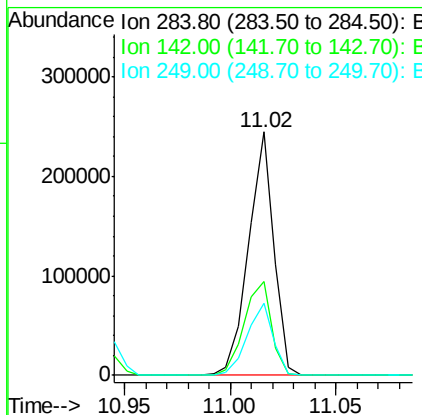
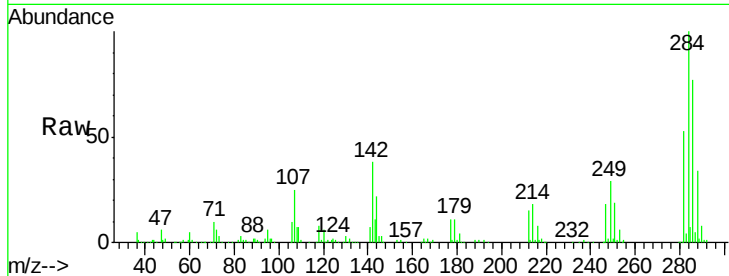
ClientSampleId :

PB106758BS

Tot Ion:	284	Resp:	203632
Ion Ratio		Lower	Upper
284	100		
142	38.4	34.6	52.0
249	29.4	24.8	37.2

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#68

Atrazine

Concen: 46.644 ng

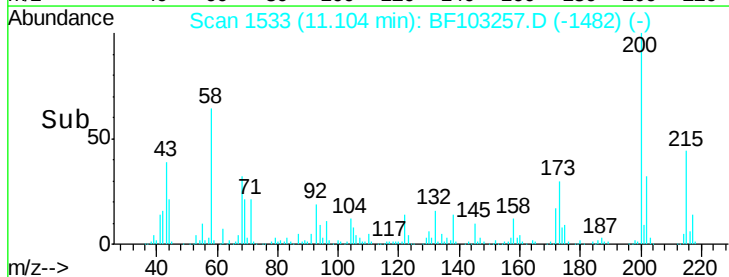
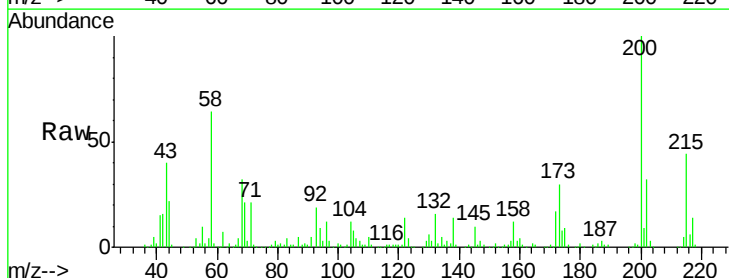
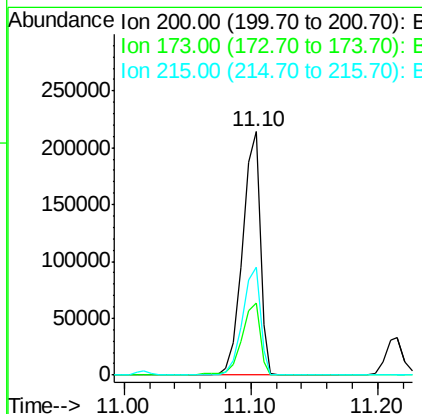
RT: 11.10 min Scan# 1533

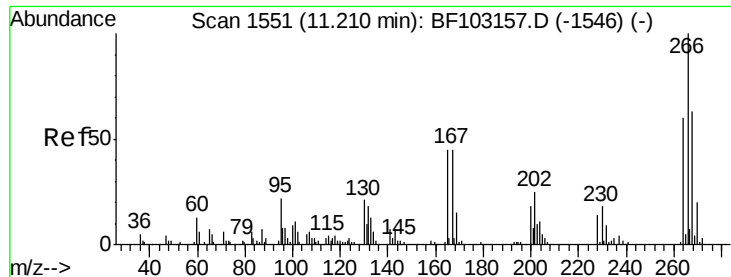
Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Tgt Ion:	200	Resp:	205783
Ion Ratio		Lower	Upper
200	100		
173	29.7	8.6	48.6
215	44.1	25.1	65.1





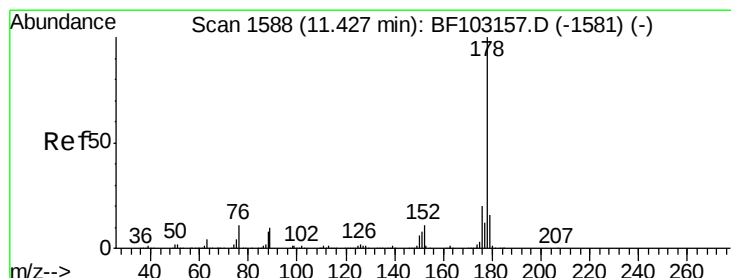
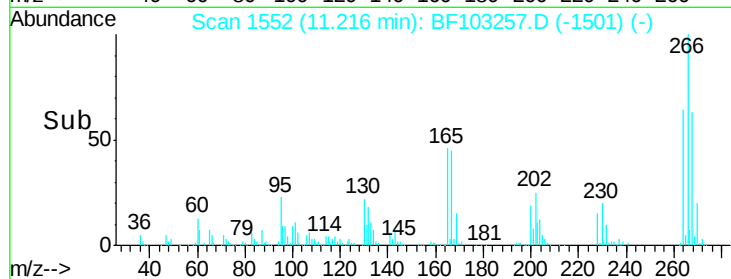
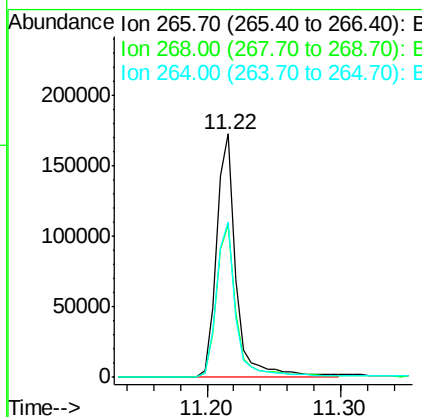
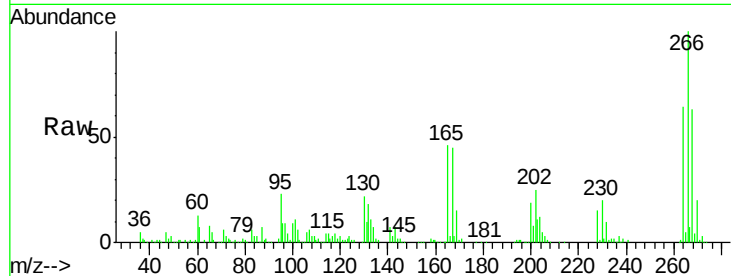
#69
 Pentachlorophenol
 Concen: 78.002 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	64.0	49.5	74.3

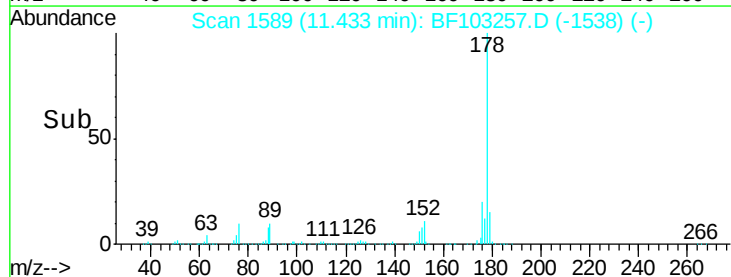
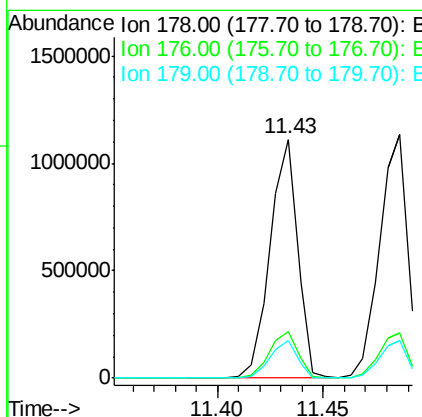
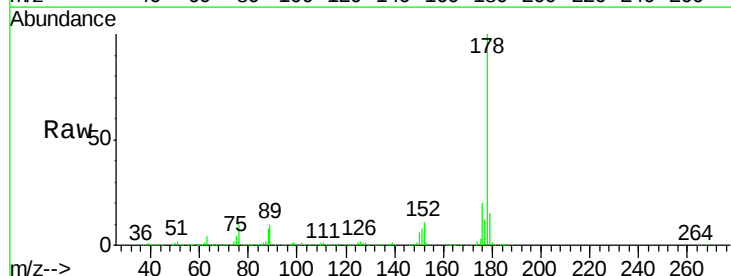
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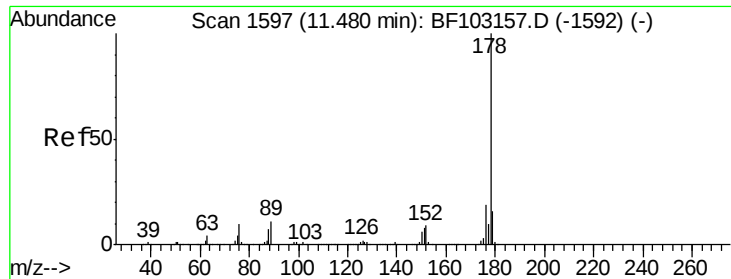
Sohil
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#70
 Phenanthrene
 Concen: 43.638 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	13.0	19.6





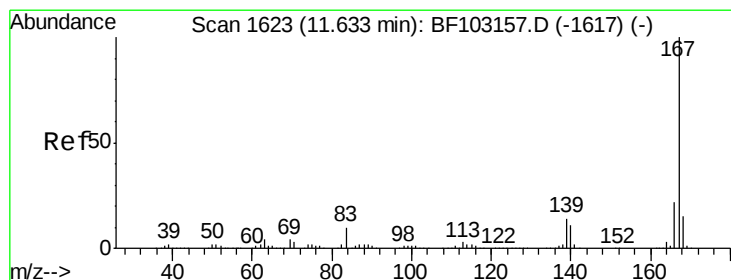
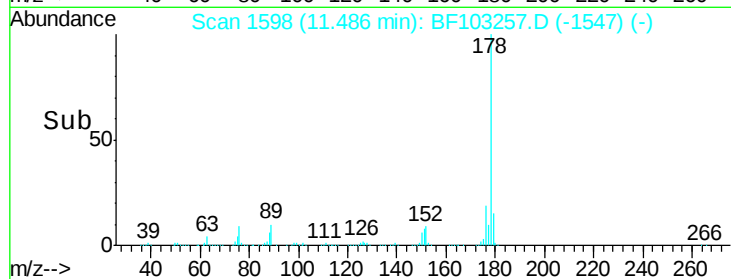
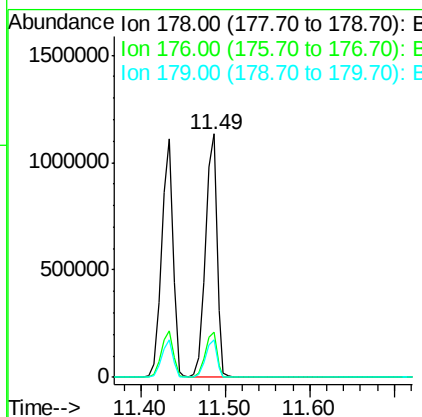
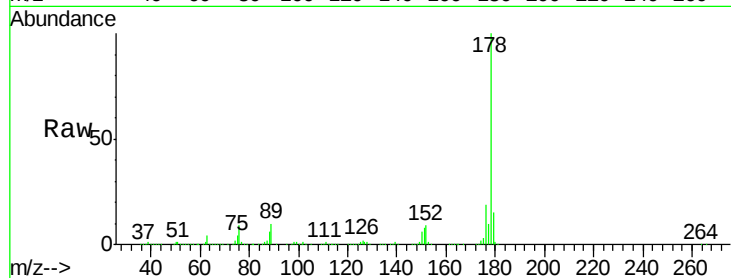
#71
 Anthracene
 Concen: 44.766 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

Tot Ion:178 Resp: 1064979
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.2
 179 15.3 12.6 19.0

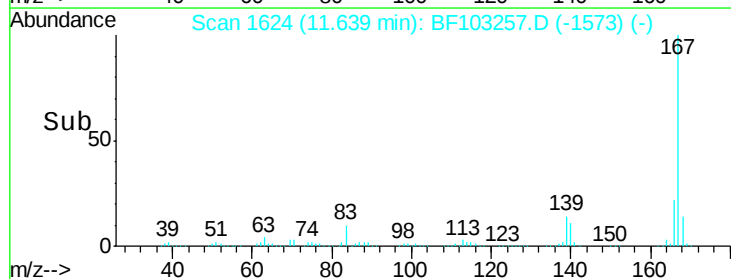
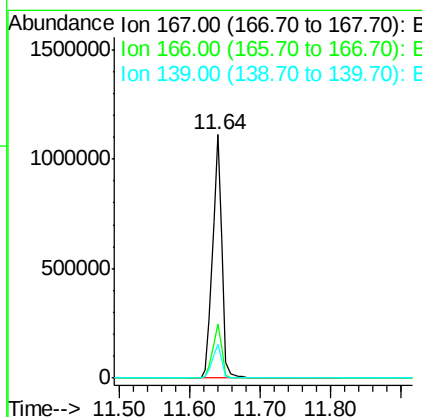
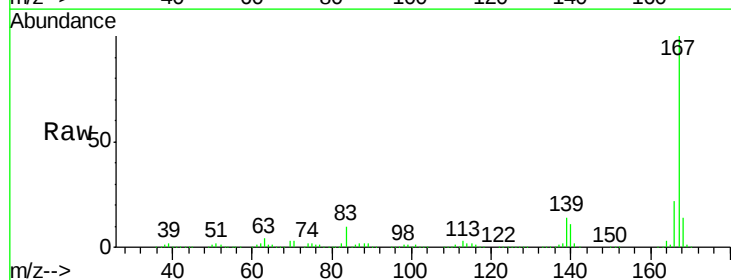
Manual Integrations
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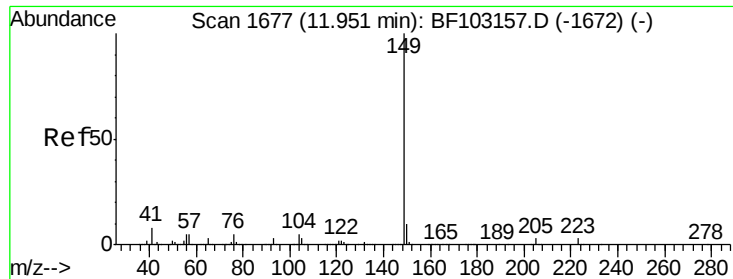
Sohil
 2/28/2018 11:17:23 AM



#72
 Carbazole
 Concen: 43.435 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion:167 Resp: 1029014
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 14.1 10.9 16.3





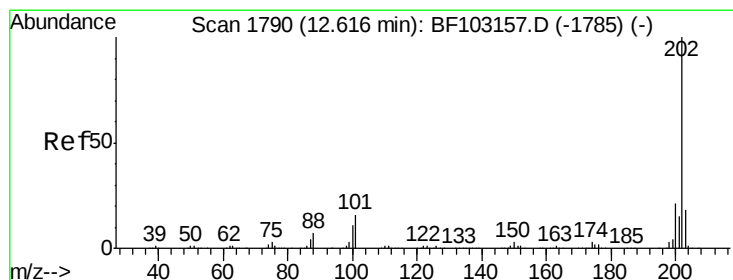
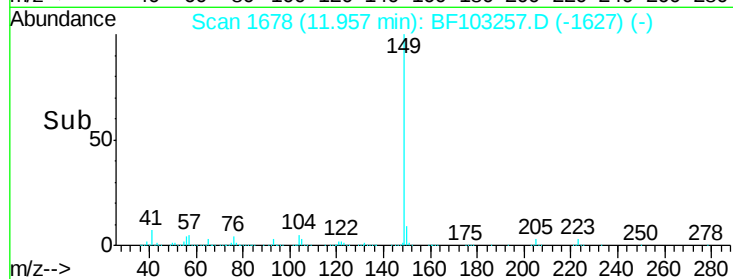
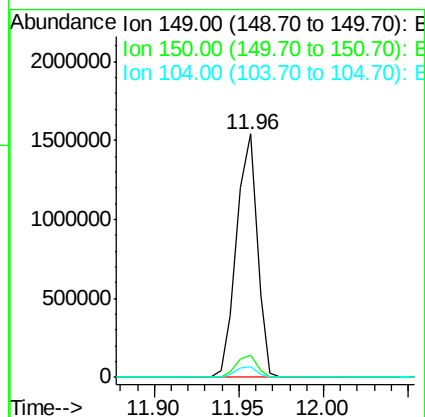
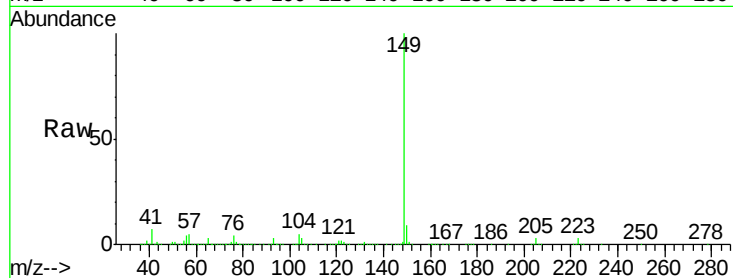
#73
Di-n-butylphthalate
Concen: 44.518 ng
RT: 11.96 min Scan# 1678
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.6	3.8	5.8

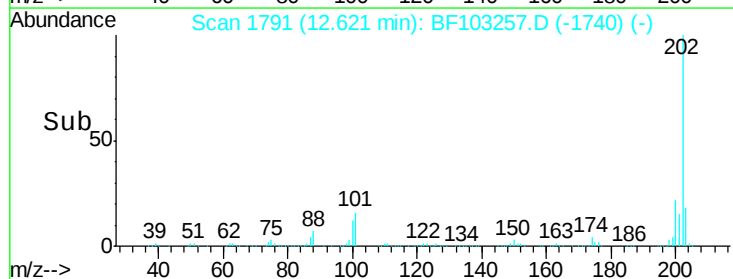
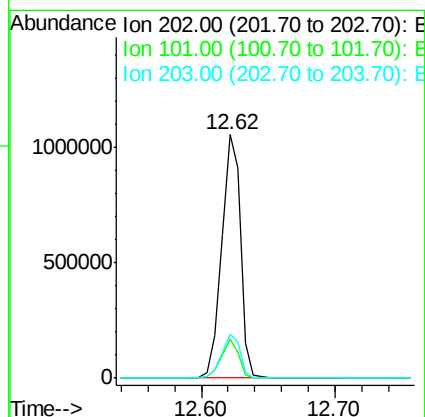
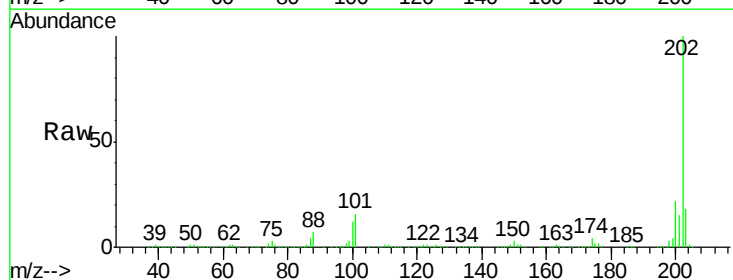
Manual Integrations
APPROVED

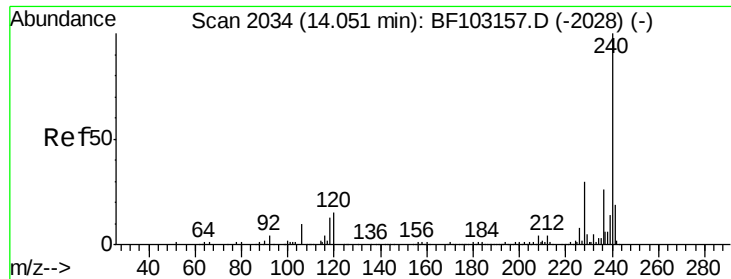
Sohil
2/28/2018 11:17:23 AM



#74
Fluoranthene
Concen: 45.257 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.1	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

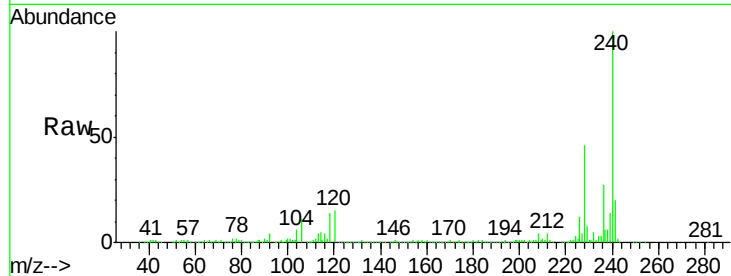
ClientSampled :

PB106758BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	26.6	20.7	31.1

Manual Integrations
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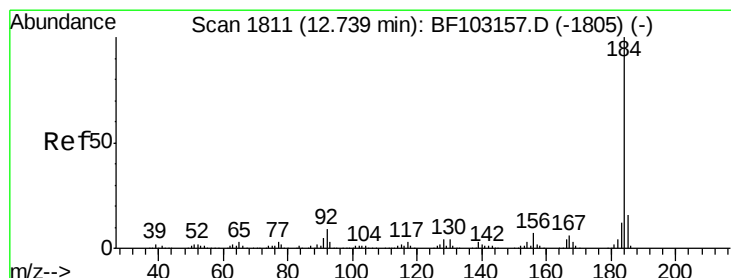
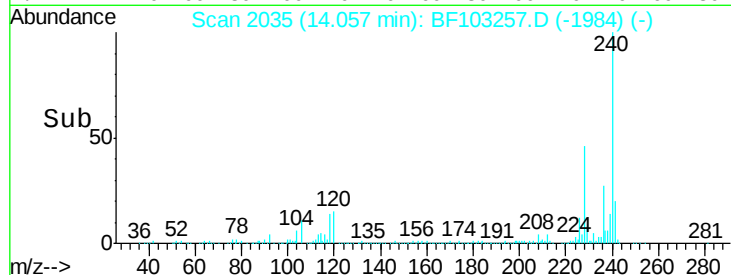
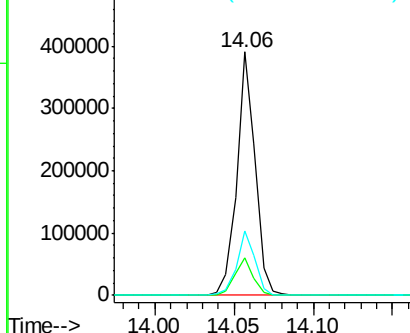
Sohil
2/28/2018 11:17:23 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.601 ng

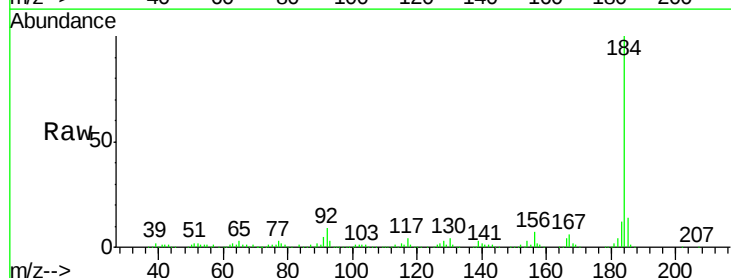
RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

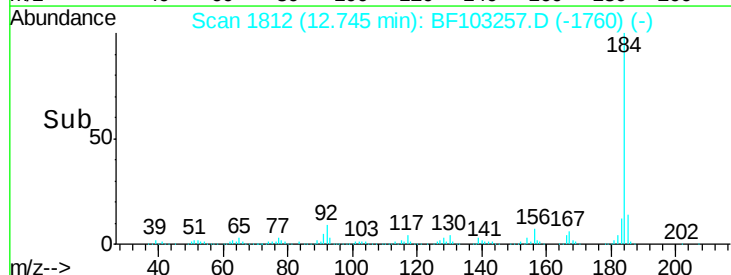
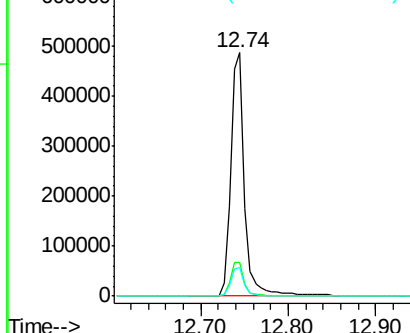
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	11.9	9.3	13.9

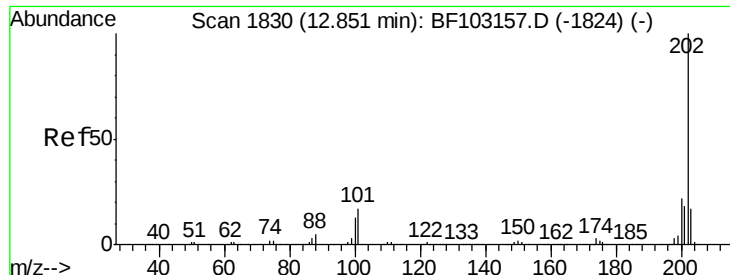


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.647 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

ClientSampleId :

PB106758BS

Tot Ion:202 Resp: 1066425

Ion Ratio Lower Upper

202 100

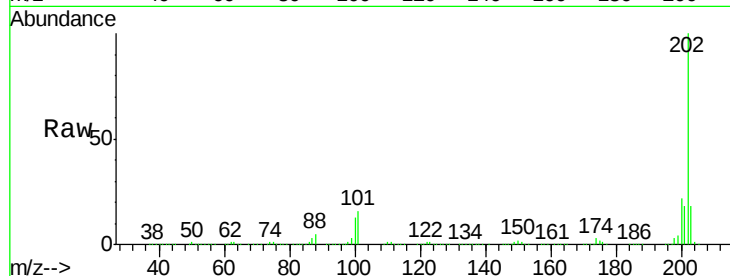
200 21.7 17.4 26.2

203 17.6 14.3 21.5

Manual Integrations
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Sohil

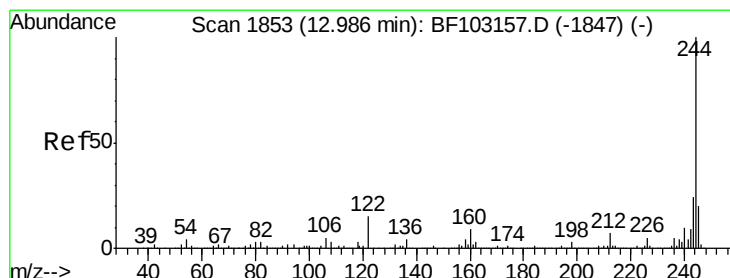
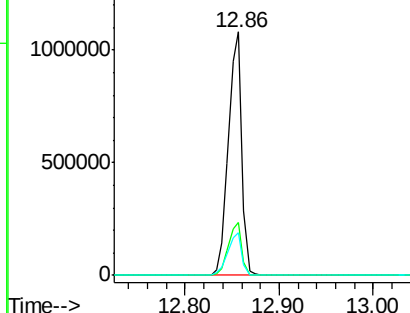
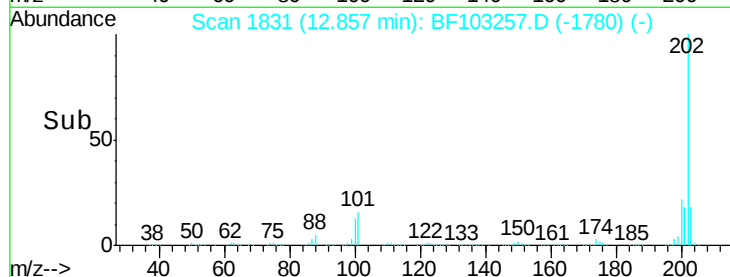
2/28/2018 11:17:23 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.390 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

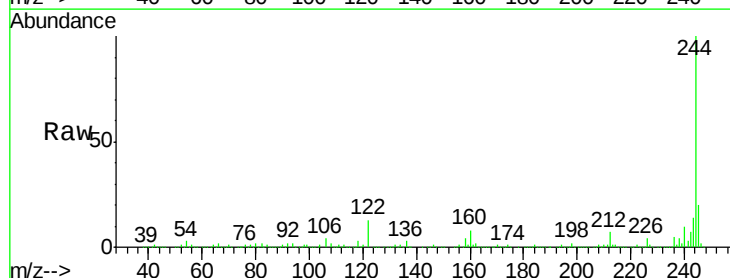
Tgt Ion:244 Resp: 1139261

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

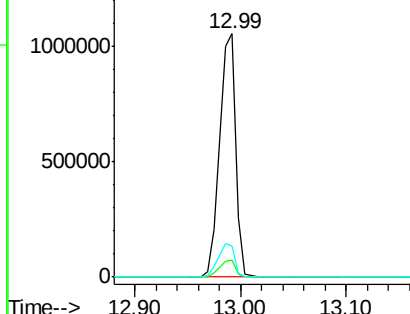
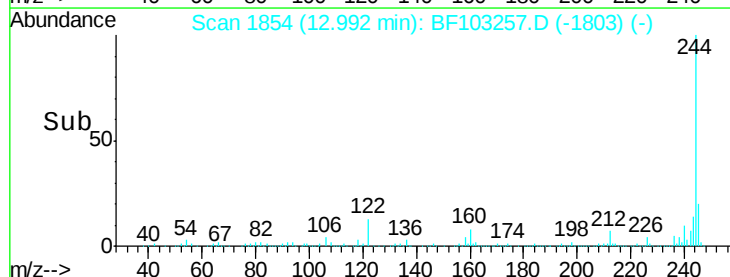
122 12.8 11.0 16.4

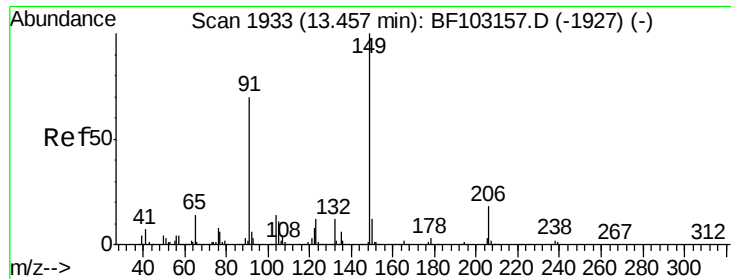


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





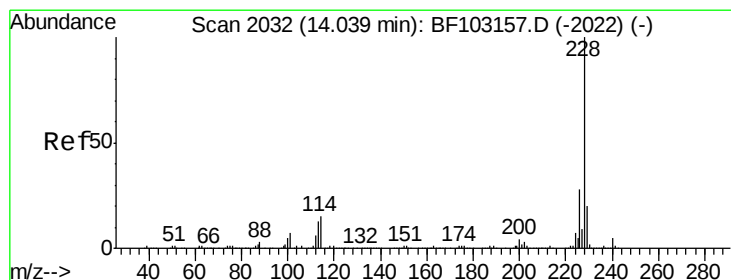
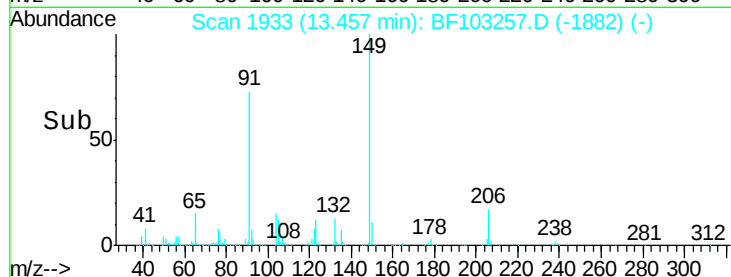
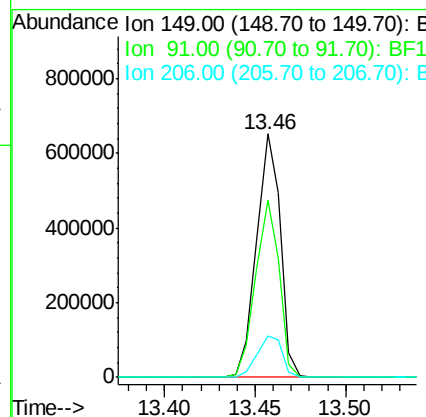
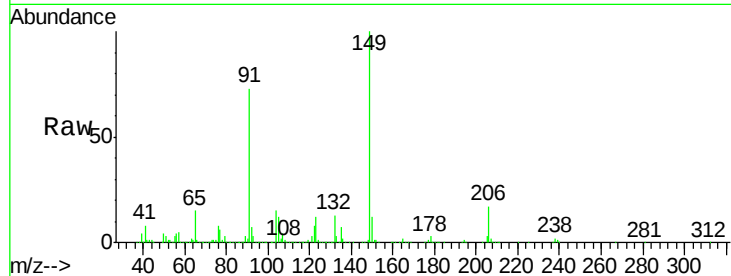
#79
Butylbenzylphthalate
Concen: 46.220 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	596643		
91	72.8	56.8	85.2	
206	16.9	14.1	21.1	

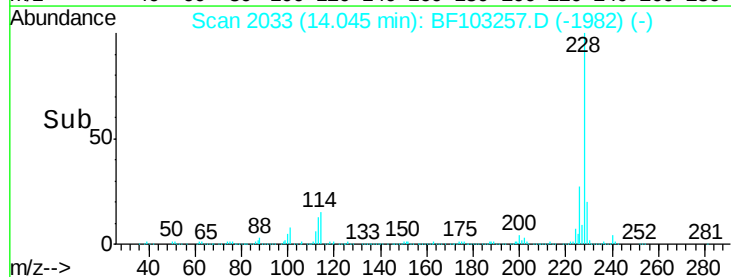
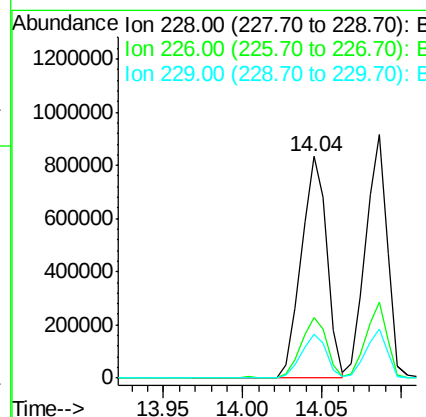
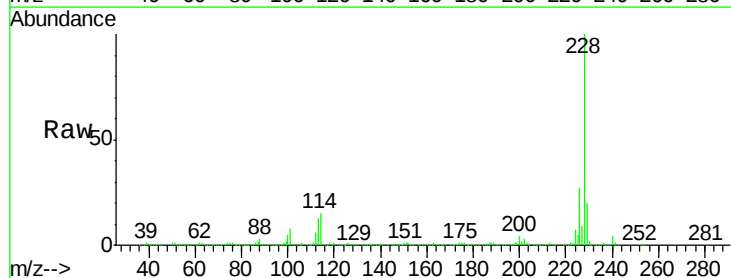
Manual Integrations
APPROVED

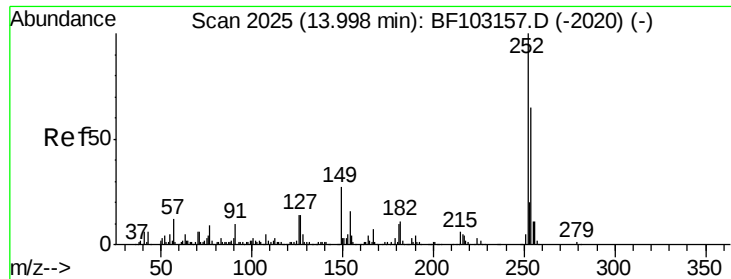
Sohil
2/28/2018 11:17:23 AM



#80
Benzo(a)anthracene
Concen: 45.565 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	926476		
226	27.3	22.6	33.8	
229	19.8	15.8	23.6	





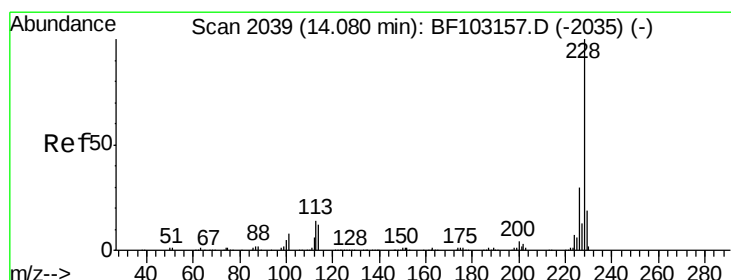
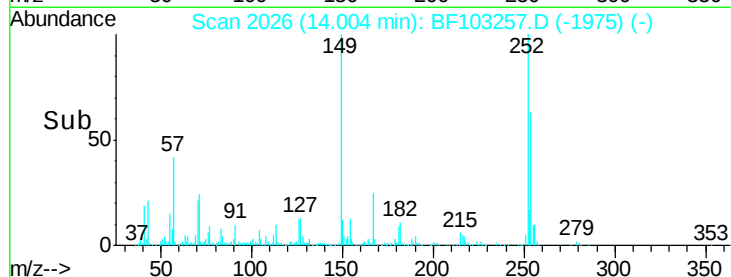
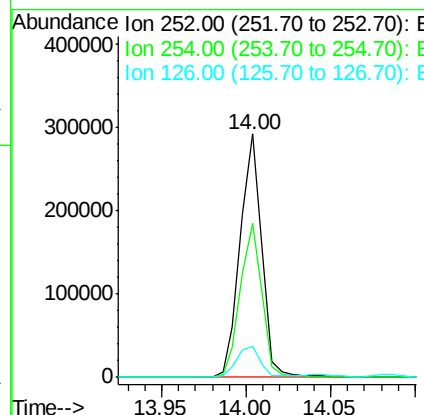
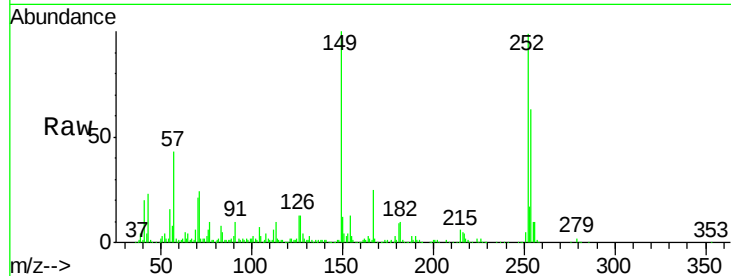
#81
 3,3'-Dichlorobenzidine
 Concen: 35.700 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.4	75.6
126	12.8	11.3	16.9

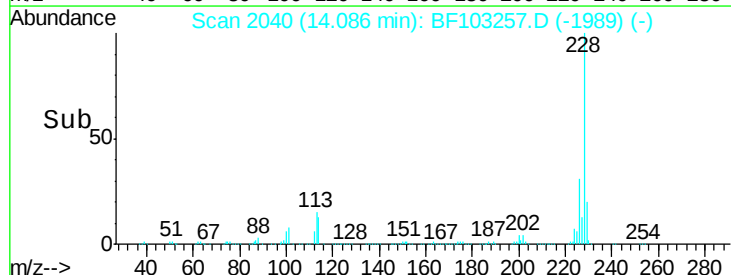
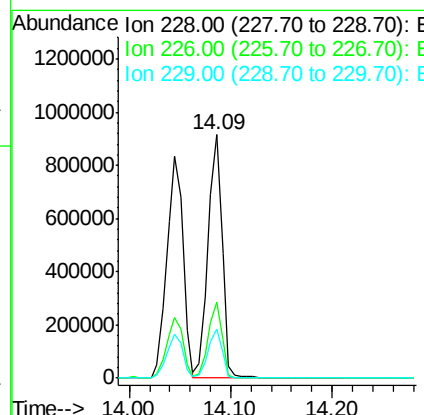
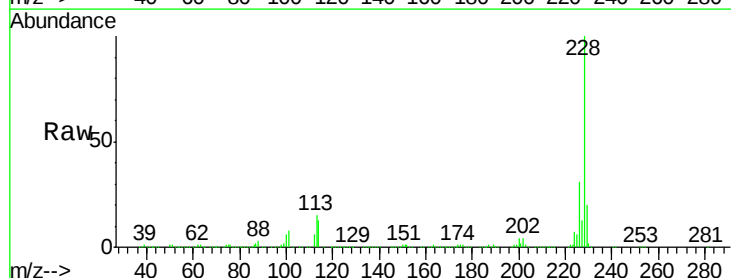
Manual Integrations
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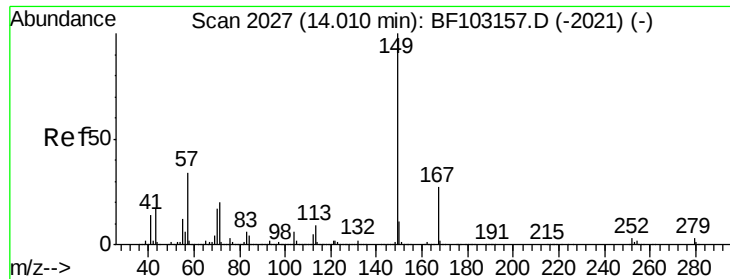
Sohil
 2/28/2018 11:17:23 AM



#82
 Chrysene
 Concen: 44.959 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.2	16.2	24.4





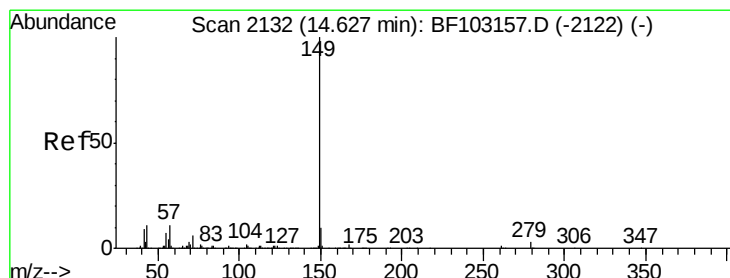
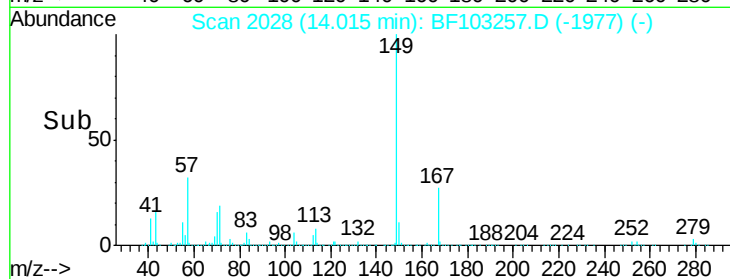
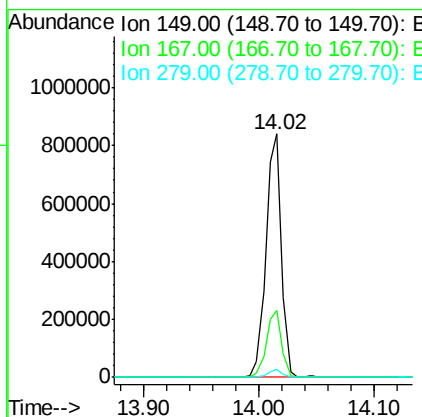
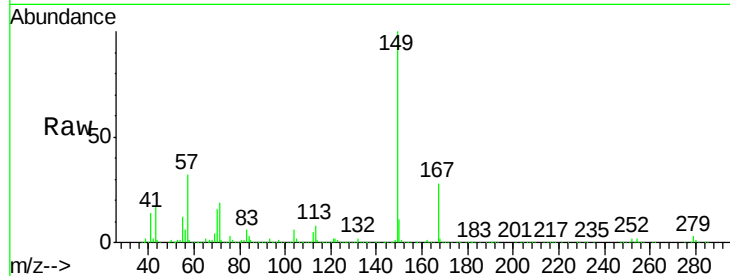
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.528 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.3	31.9
279	3.4	3.0	4.4

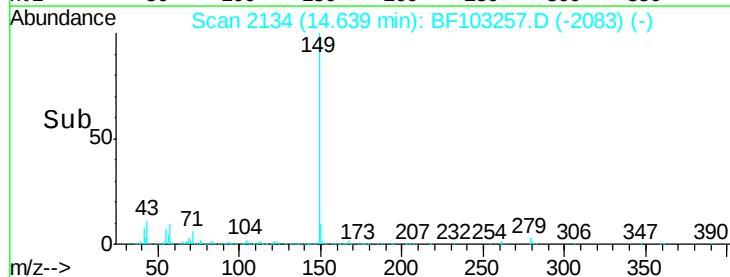
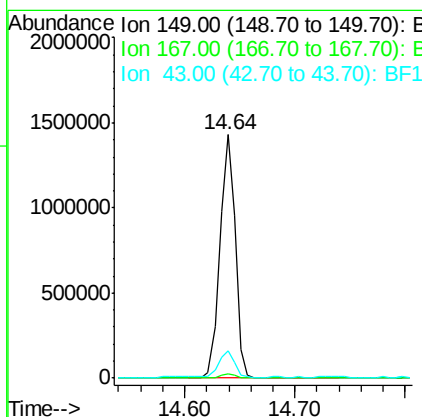
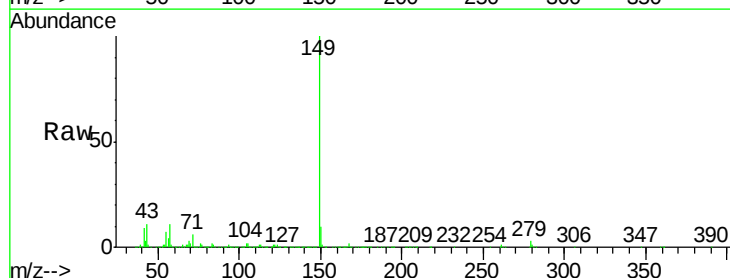
Manual Integrations
 APPROVED

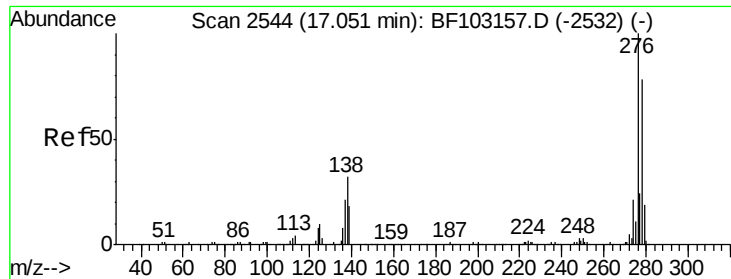
Sohil
 2/28/2018 11:17:23 AM



#84
 Di-n-octyl phthalate
 Concen: 49.009 ng
 RT: 14.64 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.1	8.4	12.6





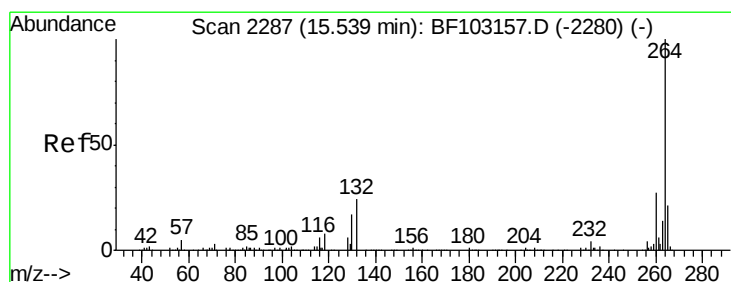
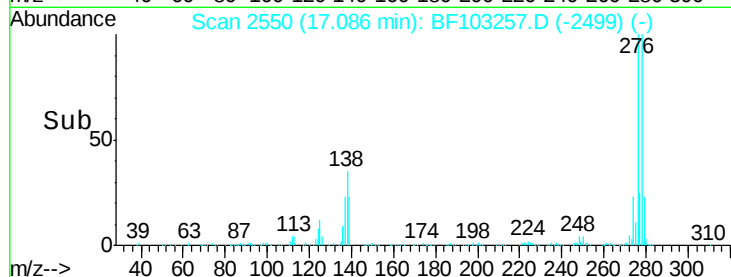
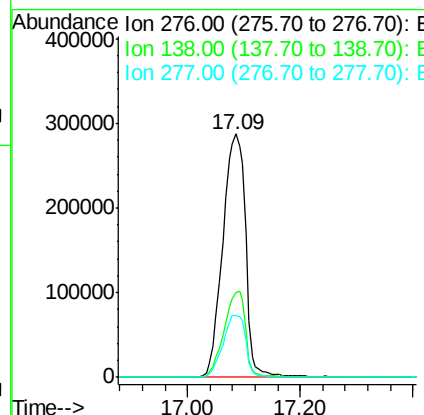
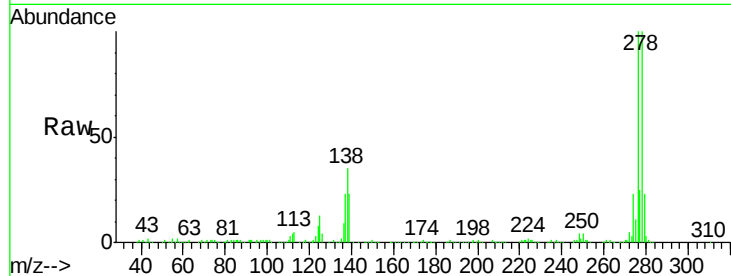
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.798 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.7	25.0	37.6
277	25.4	20.1	30.1

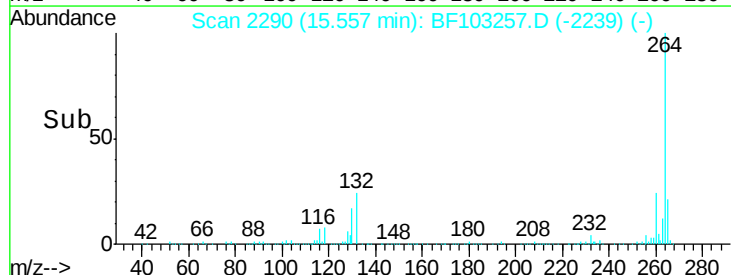
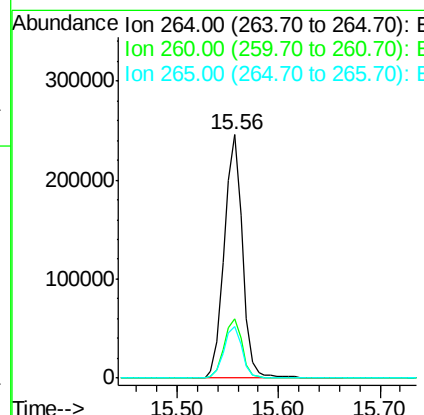
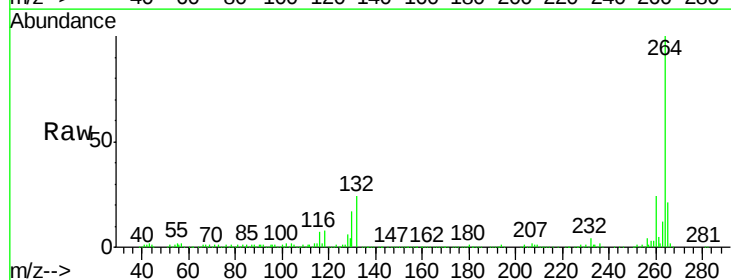
Manual Integrations
APPROVED

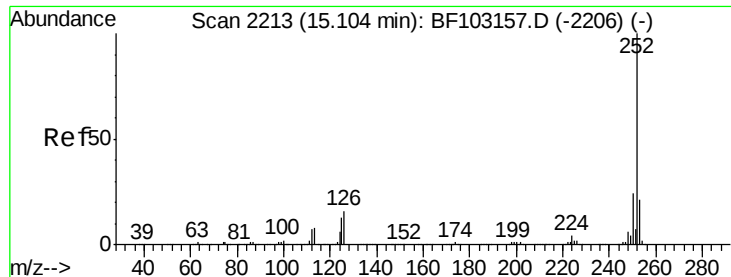
Sohil
2/28/2018 11:17:23 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.188 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Instrument :

BNA_F

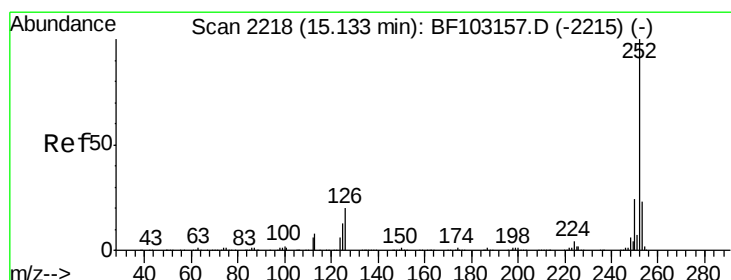
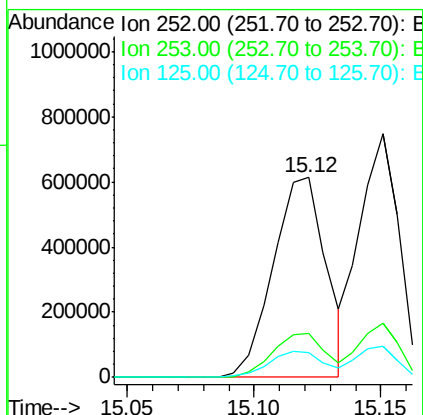
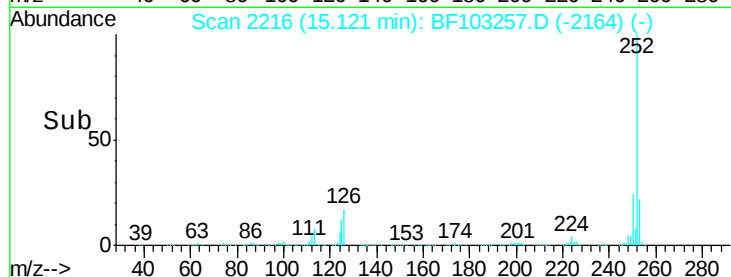
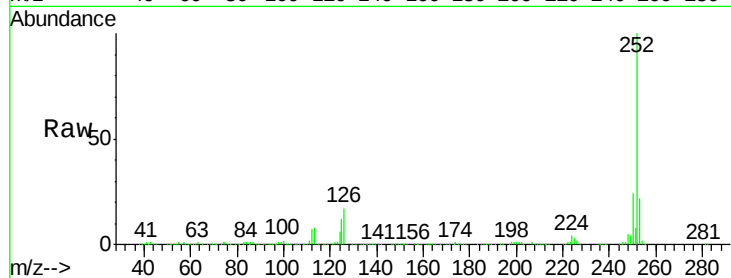
ClientSampleId :

PB106758BS

Tot Ion:252	Resp:	889243
Ion Ratio	Lower	Upper
252	100	
253	21.7	17.0 25.6
125	12.5	9.0 13.6

Manual Integrations
APPROVED

Sohil
2/28/2018 11:17:23 AM



#88

Benzo(k)fluoranthene

Concen: 43.654 ng

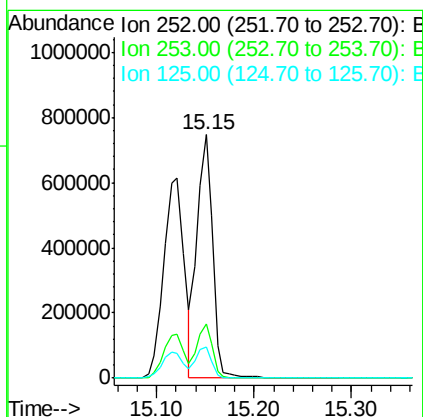
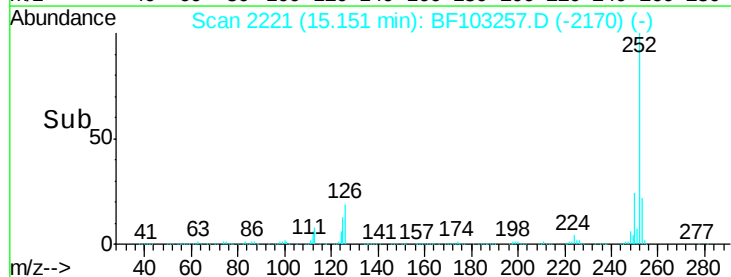
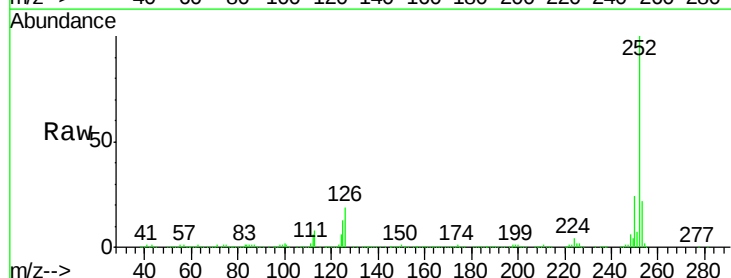
RT: 15.15 min Scan# 2221

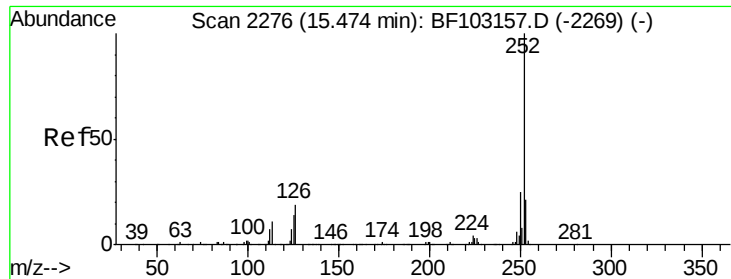
Delta R.T. -0.00 min

Lab File: BF103257.D

Acq: 27 Feb 2018 12:42

Tgt Ion:252	Resp:	827243
Ion Ratio	Lower	Upper
252	100	
253	22.4	17.9 26.9
125	13.0	10.2 15.2





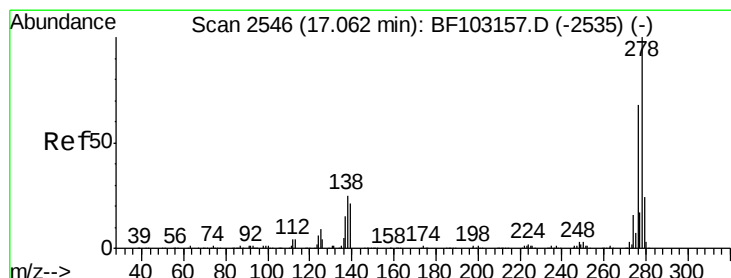
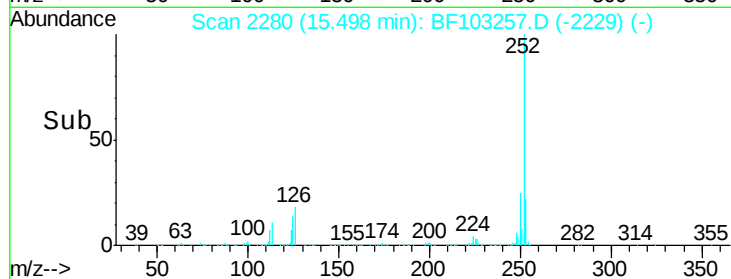
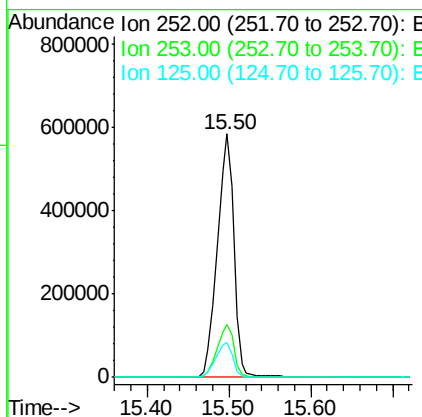
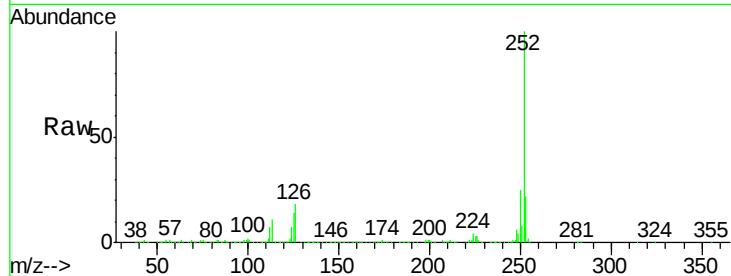
#89
Benzo(a)pyrene
Concen: 46.198 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Instrument :
BNA_F
ClientSampleId :
PB106758BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	14.3	9.8	14.6

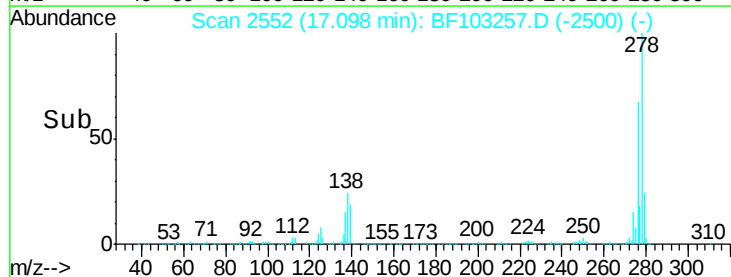
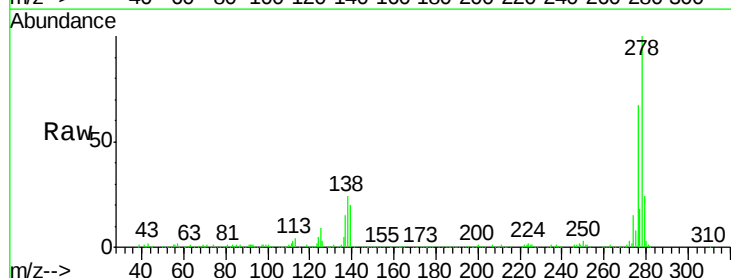
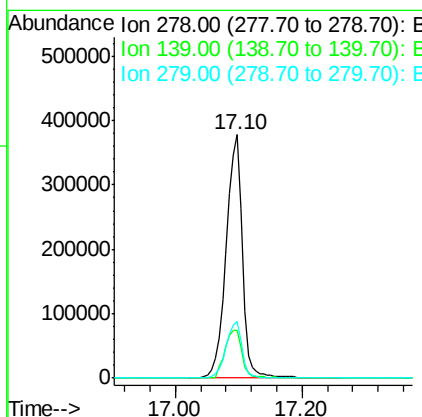
Manual Integrations
APPROVED

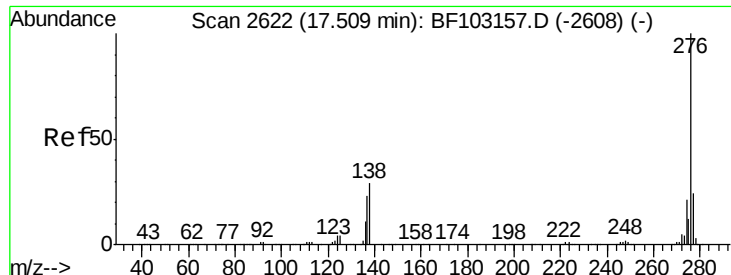
Sohil
2/28/2018 11:17:23 AM



#90
Dibenzo(a,h)anthracene
Concen: 48.686 ng
RT: 17.10 min Scan# 2552
Delta R.T. 0.01 min
Lab File: BF103257.D
Acq: 27 Feb 2018 12:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.9	23.9
279	23.5	19.0	28.4





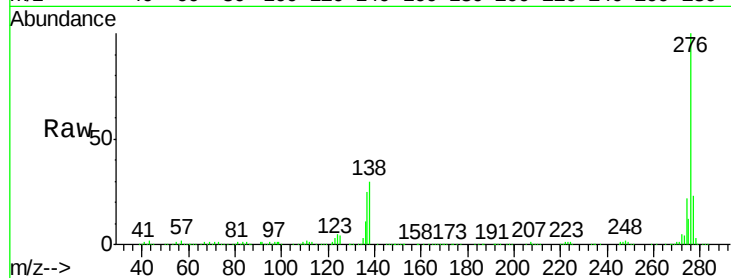
#91
 Benzo(a,h,i)perylene
 Concen: 50.639 ng
 RT: 17.54 min Scan# 2628
 Delta R.T. 0.01 min
 Lab File: BF103257.D
 Acq: 27 Feb 2018 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PB106758BS

Tot Ion:	276	Resp:	687257
Ion Ratio		Lower	Upper
276	100		
277	23.5	17.9	26.9
138	30.5	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 2/28/2018 11:17:23 AM



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

