

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103357.D
 Acq On : 2 Mar 2018 11:05
 Operator : SJ/JU
 Sample : PB106964BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106964BS

Manual Integrations
 APPROVED

Sohil
 3/5/2018 3:12:53 PM

Quant Time: Mar 02 13:41:59 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	121235	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	522056	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	237084	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	409541	20.00	ng	0.00
75) Chrysene-d12	14.07	240	288222	20.00	ng	0.00
86) Perylene-d12	15.57	264	258132	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1341496	167.35	ng	0.02
7) Phenol-d6	6.52	99	1643137	167.52	ng	0.00
23) Nitrobenzene-d5	7.45	82	723220	79.11	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	309275	154.11	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1083401	76.95	ng	0.00
78) Terphenyl-d14	13.00	244	1054454	87.94	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	203705	48.115	ng	92
3) Pyridine	3.53	79	566584m	50.128	ng	
4) n-Nitrosodimethylamine	3.46	42	264727	58.075	ng	92
6) Aniline	6.55	93	451442	31.890	ng	92
8) 2-Chlorophenol	6.67	128	384708	46.199	ng	95
9) Benzaldehyde	6.43	77	167602	25.289	ng	99
10) Phenol	6.53	94	482687	42.390	ng	83
11) bis(2-Chloroethyl)ether	6.62	93	396395	45.867	ng	92
12) 1,3-Dichlorobenzene	6.82	146	408736	42.952	ng	95
13) 1,4-Dichlorobenzene	6.89	146	406196	42.575	ng	99
14) 1,2-Dichlorobenzene	7.05	146	378740	43.052	ng	99
15) Benzyl Alcohol	7.02	79	342856	46.386	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	641694	43.239	ng	87
17) 2-Methylphenol	7.13	107	331587	43.817	ng	# 95
18) Hexachloroethane	7.38	117	154794	44.568	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	272979	44.717	ng	94
20) 3+4-Methylphenols	7.29	107	396089	42.938	ng	# 61
22) Acetophenone	7.29	105	518828	42.577	ng	# 88
24) Nitrobenzene	7.46	77	449801	44.691	ng	97
25) Isophorone	7.70	82	821786	45.644	ng	97
26) 2-Nitrophenol	7.78	139	222149	46.885	ng	95
27) 2,4-Dimethylphenol	7.82	122	362339	50.030	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	502409	47.462	ng	99
29) 2,4-Dichlorophenol	8.02	162	325318	46.917	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	311145	42.138	ng	98
31) Naphthalene	8.18	128	1101958	43.115	ng	99
32) Benzoic acid	7.91	122	41823	13.576	ng	97
33) 4-Chloroaniline	8.23	127	280361	25.420	ng	98
34) Hexachlorobutadiene	8.29	225	155596	40.466	ng	99
35) Caprolactam	8.61	113	112385m	46.117	ng	
36) 4-Chloro-3-methylphenol	8.72	107	364773	46.641	ng	98
37) 2-Methylnaphthalene	8.87	142	728285	44.090	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	269975	41.654	ng	97
40) Hexachlorocyclopentadiene	9.02	237	149824	67.181	ng	98

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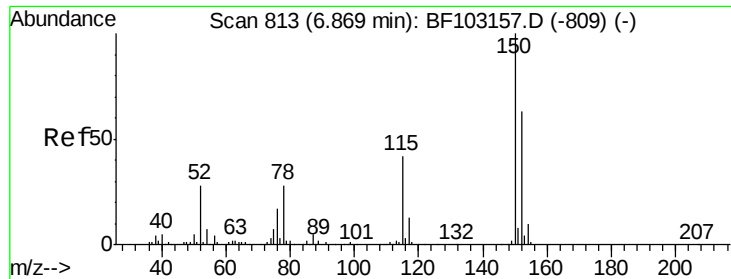
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	193019	44.258	nq	100
43) 2,4,5-Trichlorophenol	9.20	196	206433	41.155	nq	97
45) 1,1'-Biphenyl	9.34	154	825192	41.537	nq	99
46) 2-Chloronaphthalene	9.37	162	661326	42.077	nq	98
47) 2-Nitroaniline	9.47	65	269281	46.253	nq	88
48) Acenaphthylene	9.78	152	1000084	41.356	nq	100
49) Dimethylphthalate	9.63	163	781572	41.094	nq	99
50) 2,6-Dinitrotoluene	9.71	165	171080	42.864	nq	96
51) Acenaphthene	9.96	154	584686	41.464	nq	99
52) 3-Nitroaniline	9.88	138	159587	31.515	nq	97
53) 2,4-Dinitrophenol	10.00	184	53812	42.458	nq #	17
54) Dibenzofuran	10.13	168	842319	43.515	nq	95
55) 4-Nitrophenol	10.06	139	224835	71.640	nq	92
56) 2,4-Dinitrotoluene	10.12	165	212425	42.082	nq #	87
57) Fluorene	10.47	166	683960	41.478	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	147306	43.716	nq	96
59) Diethylphthalate	10.33	149	773004	42.495	nq	100
60) 4-Chlorophenyl-phenylether	10.46	204	297642	42.565	nq	99
61) 4-Nitroaniline	10.50	138	218428	43.186	nq	94
62) Azobenzene	10.62	77	839716	45.352	nq	96
64) 4,6-Dinitro-2-methylphenol	10.53	198	67018	29.069	nq	84
65) n-Nitrosodiphenylamine	10.58	169	611633	42.893	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	177217	41.540	nq	93
67) Hexachlorobenzene	11.02	284	189410	40.905	nq	97
68) Atrazine	11.11	200	191255	44.623	nq	100
69) Pentachlorophenol	11.22	266	133389	59.577	nq	100
70) Phenanthrene	11.44	178	939843	41.700	nq	99
71) Anthracene	11.49	178	990732	42.867	nq	99
72) Carbazole	11.65	167	971331	42.204	nq	99
73) Di-n-butylphthalate	11.96	149	1227611	42.627	nq	99
74) Fluoranthene	12.63	202	977153	43.144	nq	99
76) Benzidine	12.75	184	485564	45.063	nq	98
77) Pyrene	12.86	202	988046	43.969	nq	99
79) Butylbenzylphthalate	13.46	149	526818	44.373	nq	94
80) Benzo(a)anthracene	14.06	228	842534	45.053	nq	100
81) 3,3'-Dichlorobenzidine	14.01	252	219456	32.882	nq	97
82) Chrysene	14.10	228	799951	44.055	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	663865	41.435	nq	99
84) Di-n-octyl phthalate	14.64	149	1134365	43.821	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	629625	43.799	nq	98
87) Benzo(b)fluoranthene	15.13	252	762329m	44.917	nq	
88) Benzo(k)fluoranthene	15.16	252	697176	43.623	nq	99
89) Benzo(a)pyrene	15.51	252	683320	45.086	nq	96
90) Dibenzo(a,h)anthracene	17.12	278	529756	45.235	nq	99
91) Benzo(g,h,i)perylene	17.58	276	541222	47.285	nq	100

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



#1

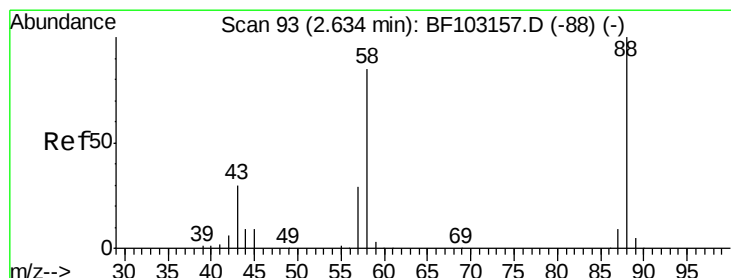
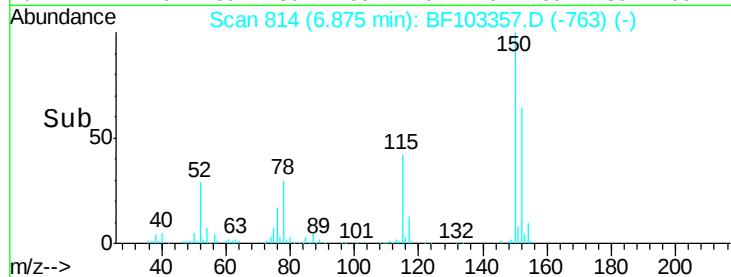
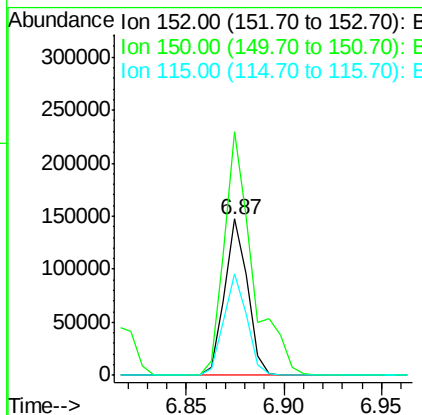
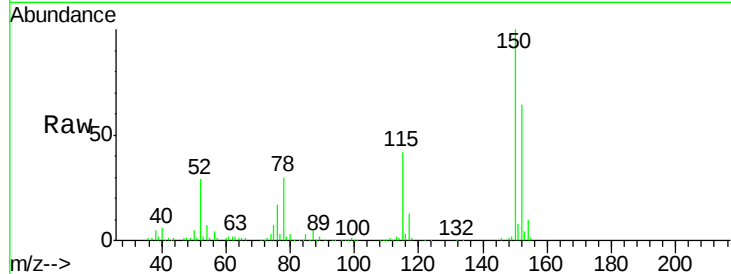
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	65.1	50.1	75.1

Manual Integrations
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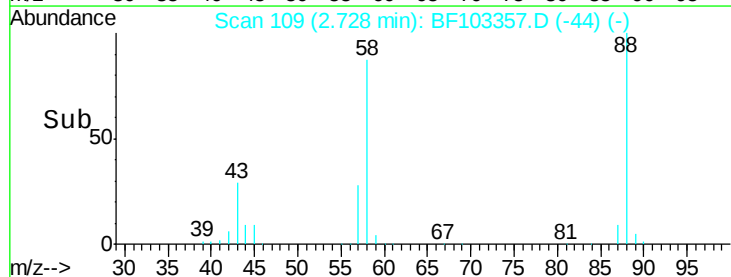
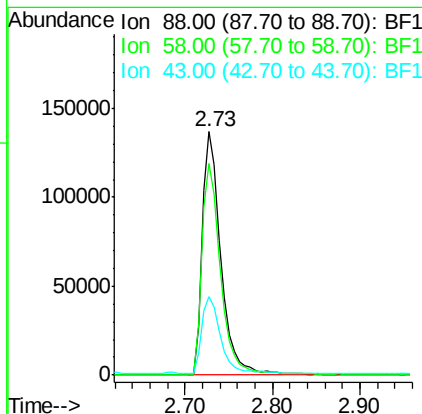
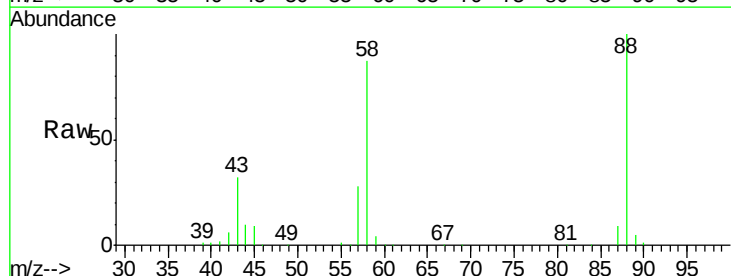
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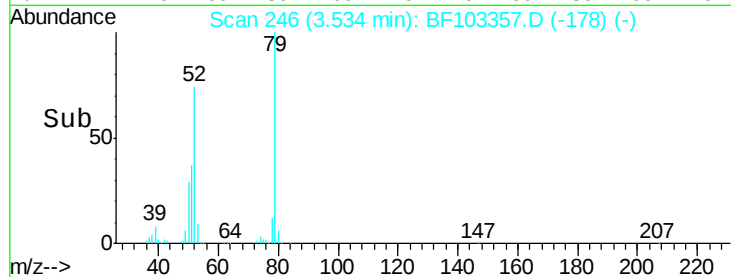
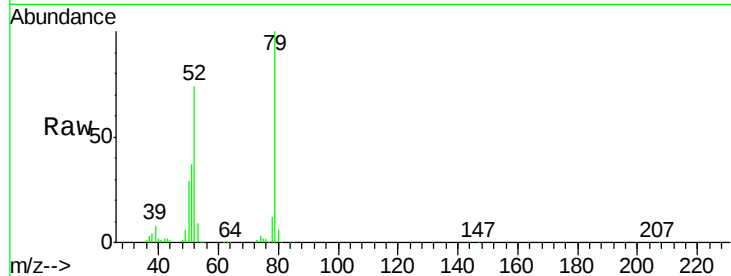
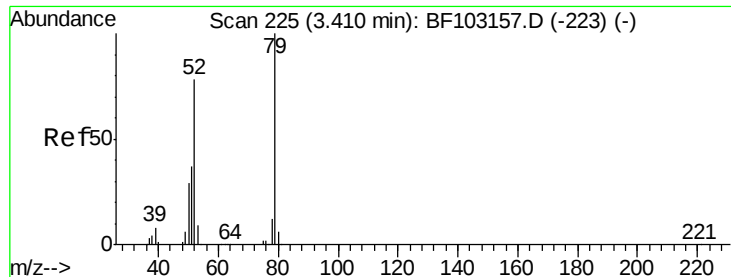


#2

1,4-Dioxane
Concen: 48.115 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.08 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	62.6	93.8
43	31.6	24.6	37.0





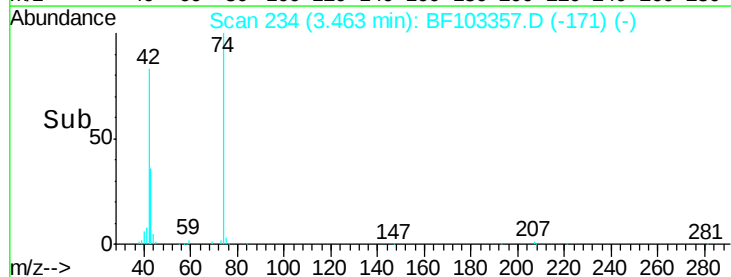
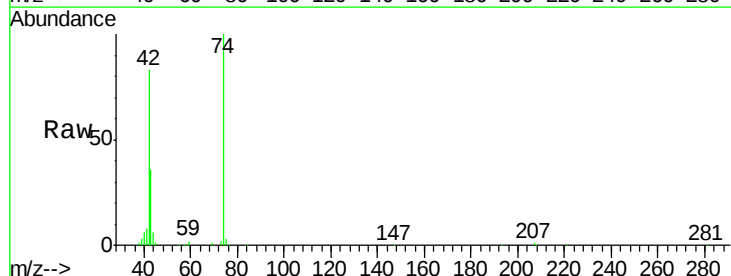
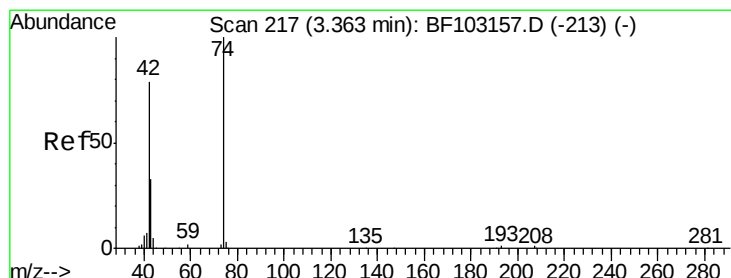
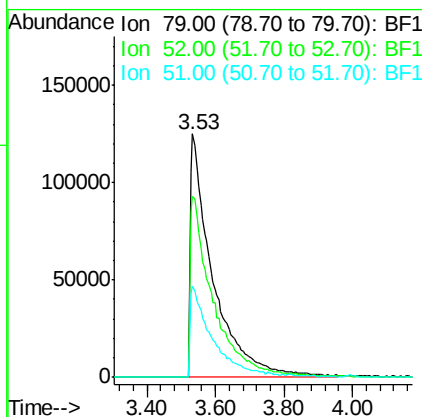
#3
 Pvridine
 Concen: 50.128 ng/ml
 RT: 3.53 min Scan# 246
 Delta R.T. 0.10 min
 Lab File: BF103357.D
 Acq: 2 Mar 2018 11:05

Tot Ion:	79	Resp:	566584
Ion Ratio	Lower	Upper	
79	100		
52	74.3	59.8	89.6
51	37.3	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 PB106964BS

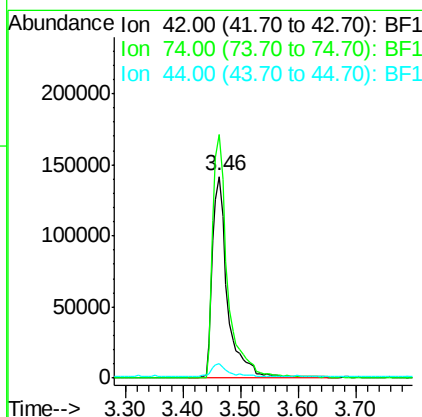
Manual Integrations
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#4
 n-Nitrosodimethylamine
 Concen: 58.075 ng/ml
 RT: 3.46 min Scan# 234
 Delta R.T. 0.07 min
 Lab File: BF103357.D
 Acq: 2 Mar 2018 11:05

Tgt Ion:	42	Resp:	264727
Ion Ratio	Lower	Upper	
42	100		
74	120.9	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 167.354 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Instrument :

BNA_F

ClientSampleId :

PB106964BS

Tot Ion: 112 Resp: 1341496

Ion Ratio Lower Upper

112 100

64 63.8 47.9 71.9

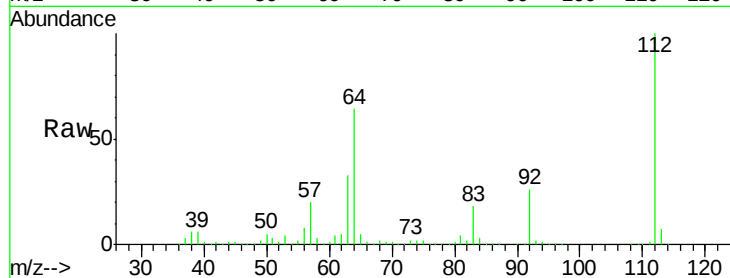
63 32.8 23.7 35.5

Manual Integrations

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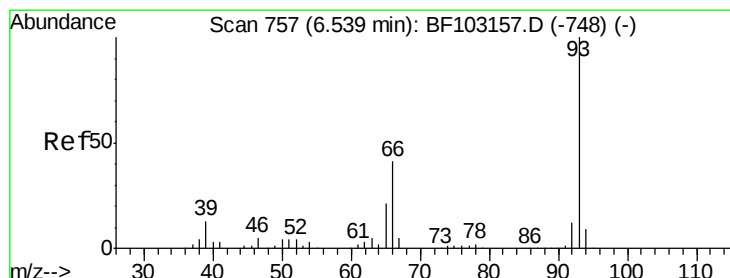
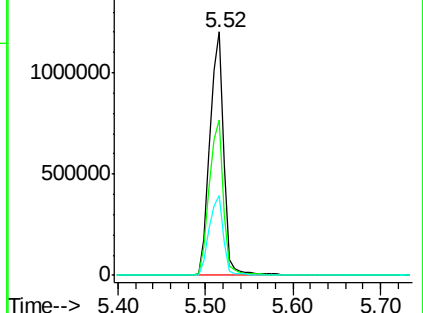
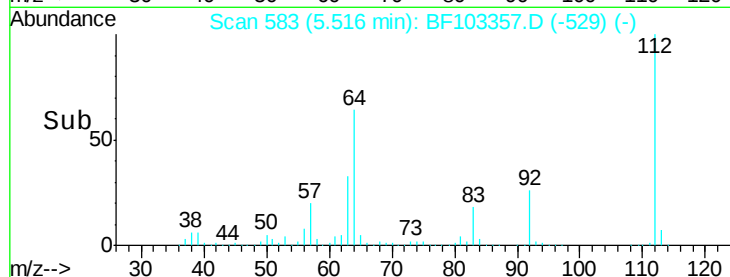
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.890 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

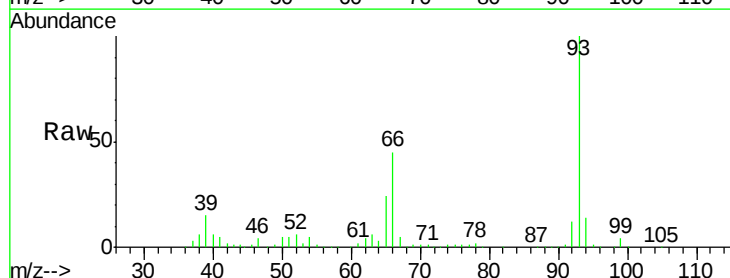
Tgt Ion: 93 Resp: 451442

Ion Ratio Lower Upper

93 100

66 44.8 32.2 48.2

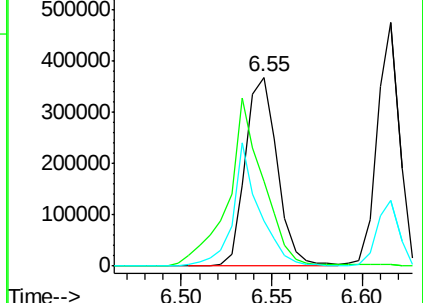
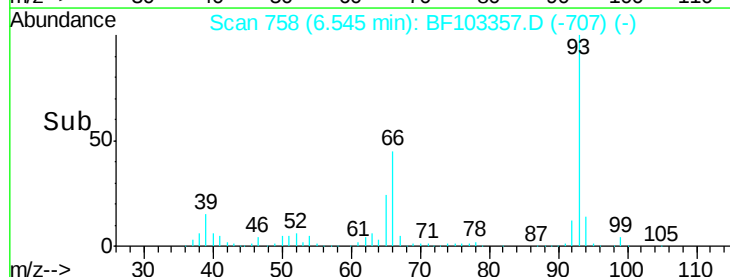
65 24.0 16.4 24.6

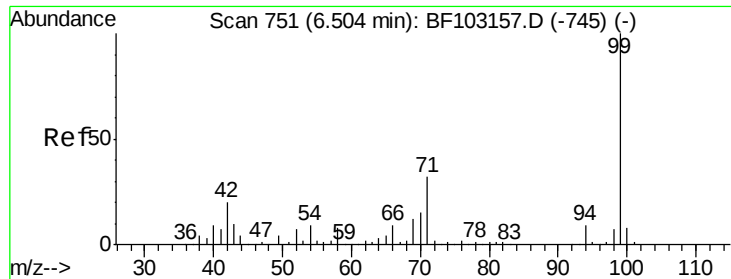


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 167.519 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Instrument :

BNA_F

ClientSampleId :

PB106964BS

Tot Ion: 99 Resp: 1643137

Ion Ratio Lower Upper

99 100

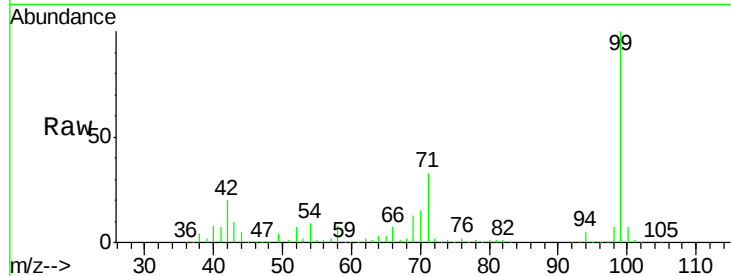
42 19.8 14.5 21.7

71 33.1 25.4 38.0

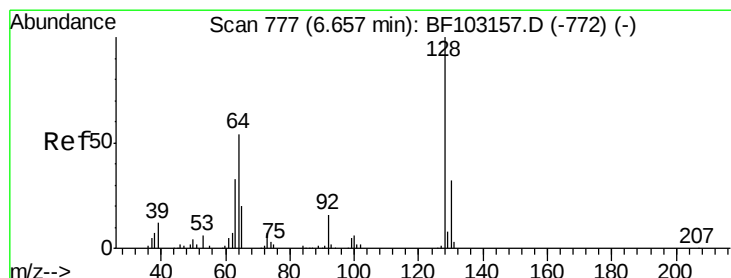
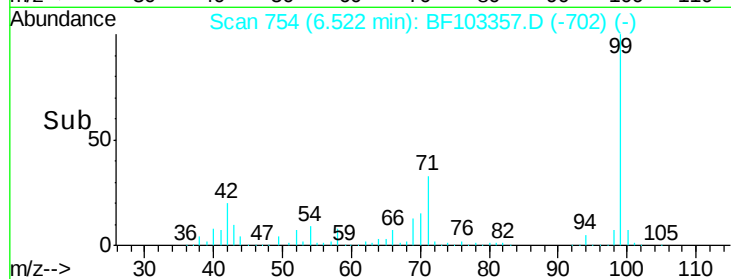
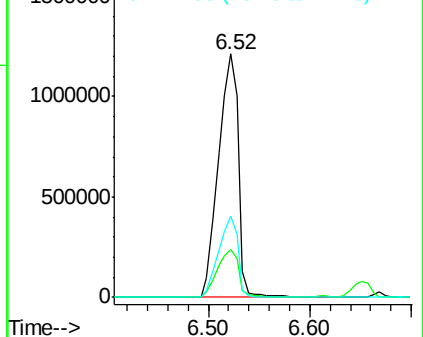
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.199 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

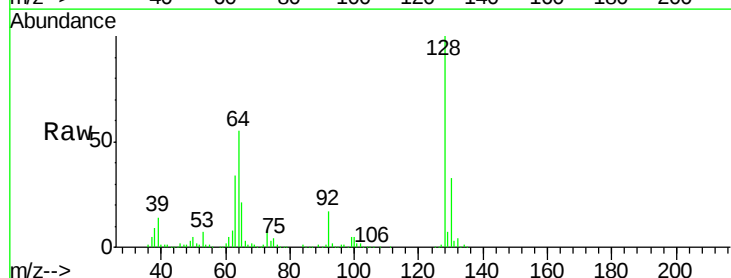
Tgt Ion: 128 Resp: 384708

Ion Ratio Lower Upper

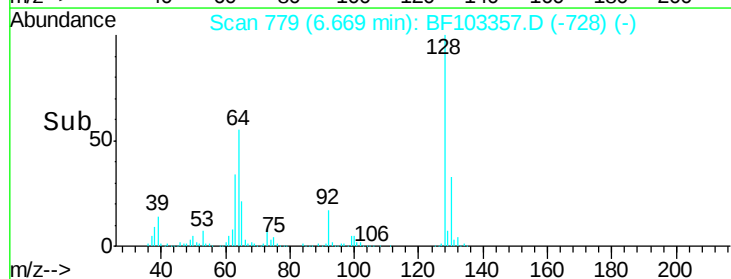
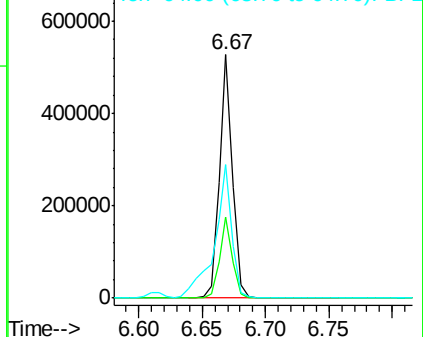
128 100

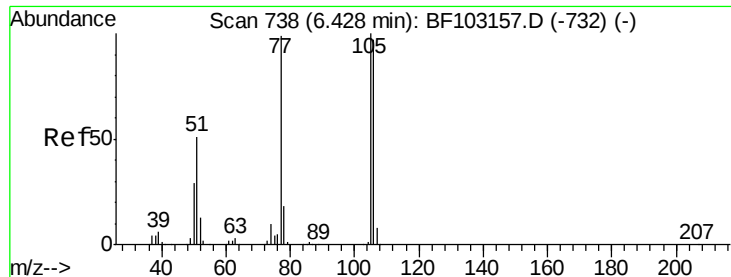
130 33.3 13.0 53.0

64 54.8 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.289 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Instrument :

BNA_F

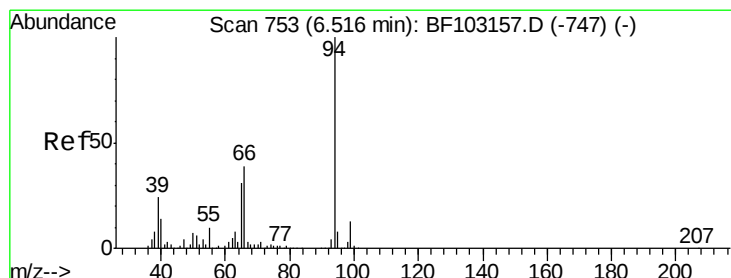
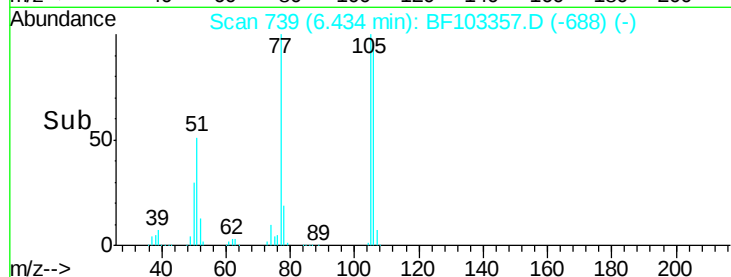
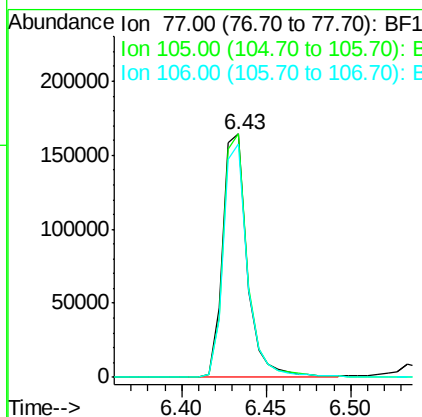
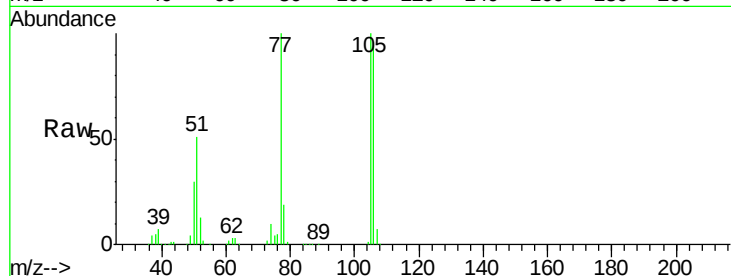
ClientSampleId :

PB106964BS

Tot Ion:	77	Resp:	167602
Ion Ratio	Lower	Upper	
77	100		
105	99.8	81.1	121.1
106	95.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 42.390 ng

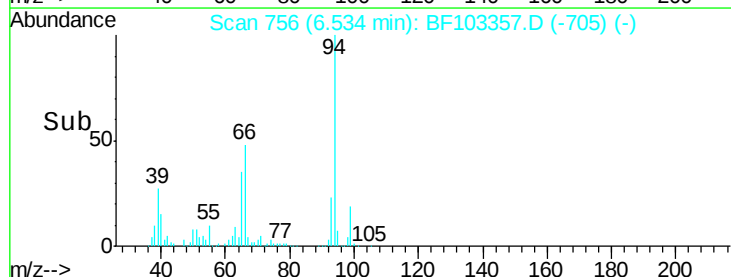
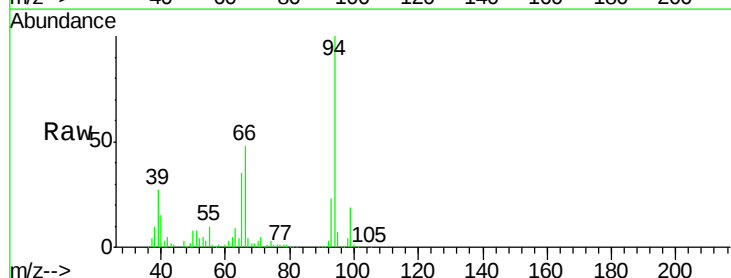
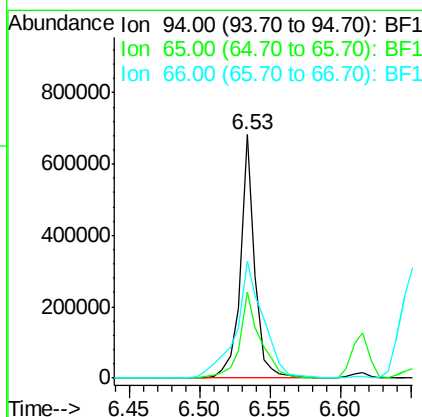
RT: 6.53 min Scan# 756

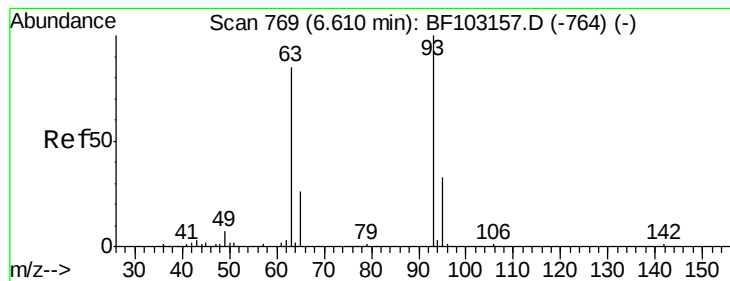
Delta R.T. -0.00 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Tgt Ion:	94	Resp:	482687
Ion Ratio	Lower	Upper	
94	100		
65	35.2	7.9	47.9
66	47.9	16.2	56.2





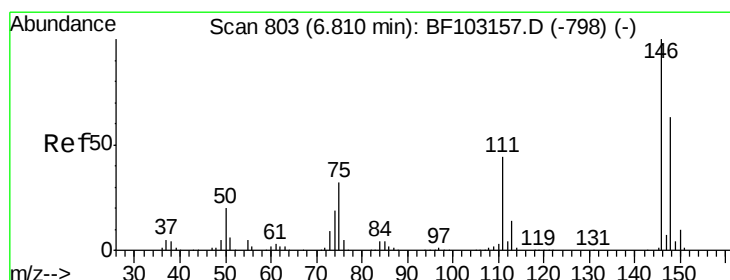
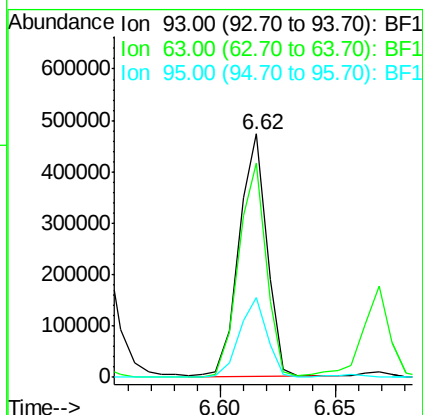
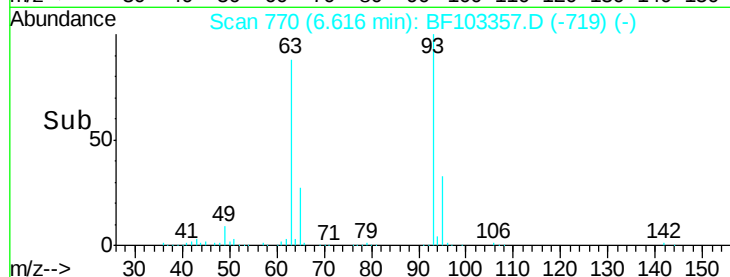
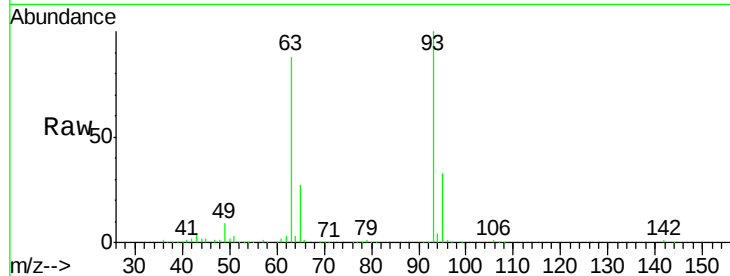
#11
bis(2-Chloroethyl)ether
Concen: 45.867 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.0	58.6	98.6
95	33.0	11.8	51.8

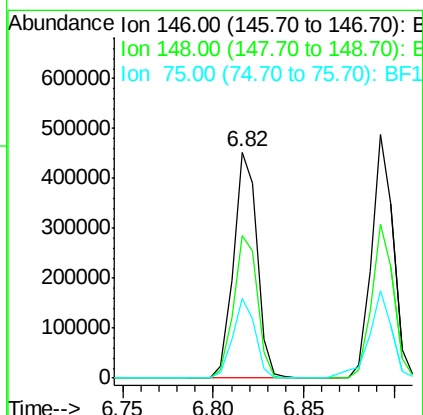
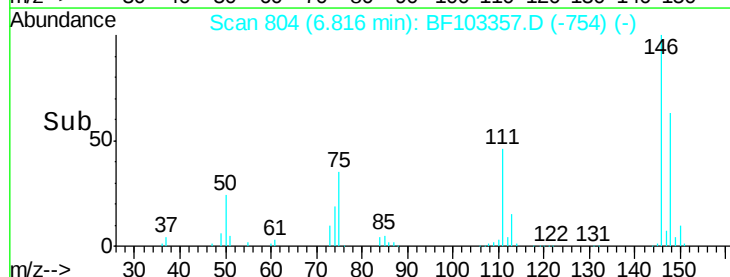
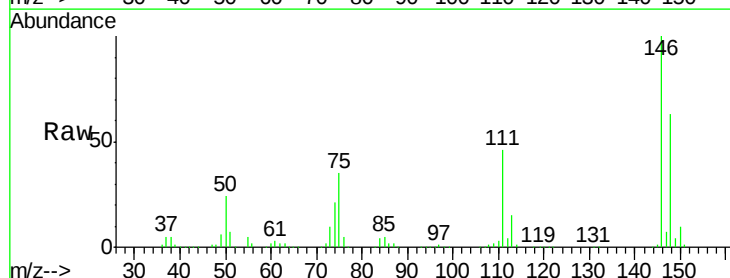
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#12
1,3-Dichlorobenzene
Concen: 42.952 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.8
75	35.2	24.2	36.4





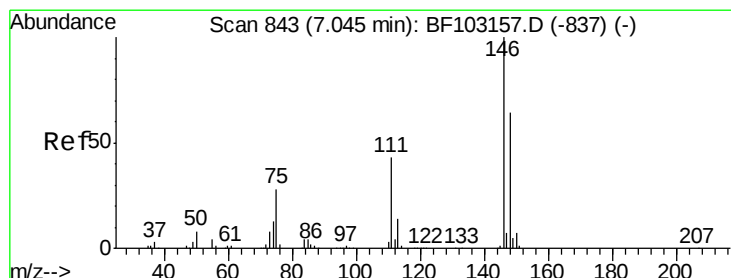
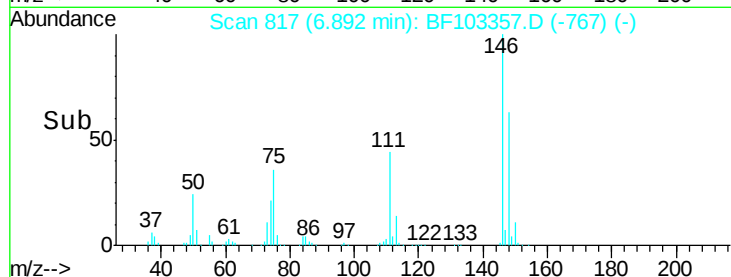
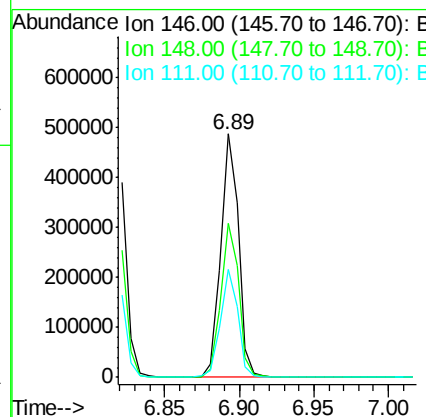
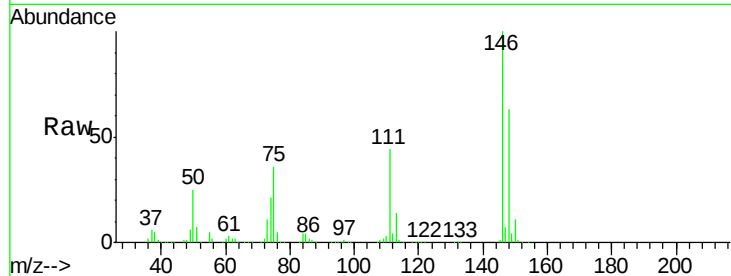
#13
 1,4-Dichlorobenzene
 Concen: 42.575 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF103357.D
 Acq: 2 Mar 2018 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB106964BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	44.1	34.2	51.2

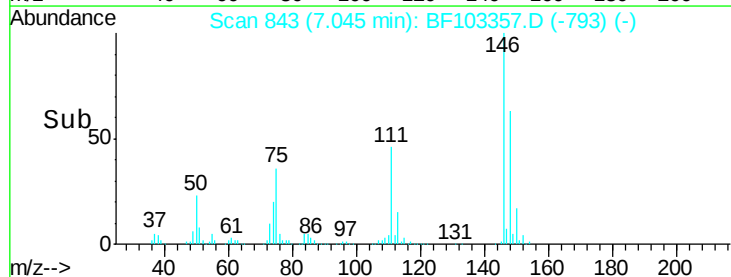
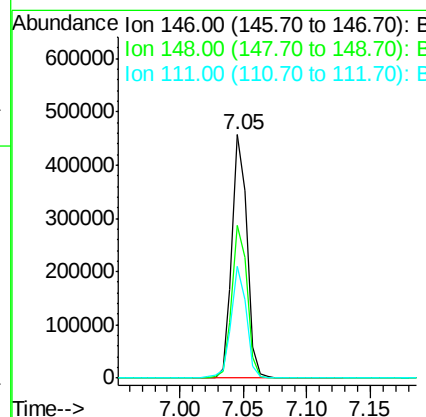
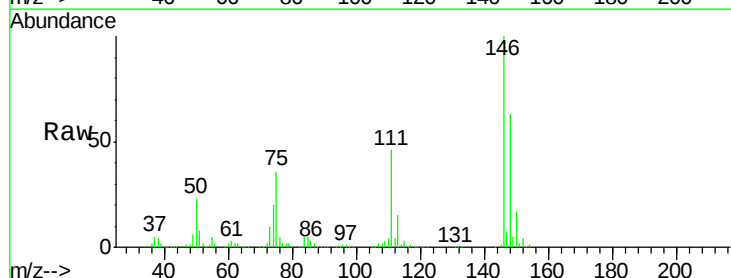
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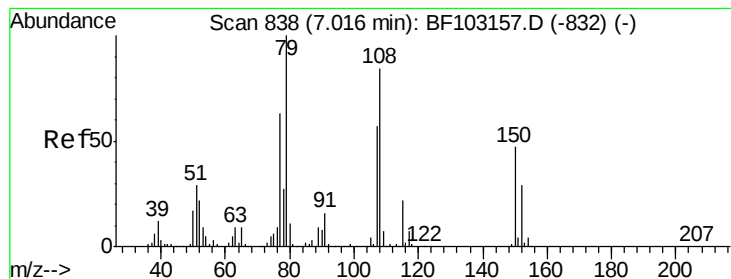
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#14
 1,2-Dichlorobenzene
 Concen: 43.052 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF103357.D
 Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
111	45.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 46.386 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Instrument :

BNA_F

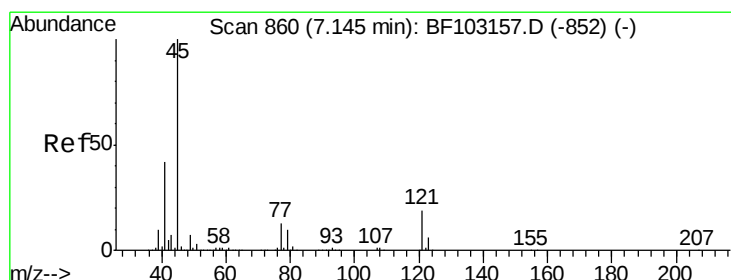
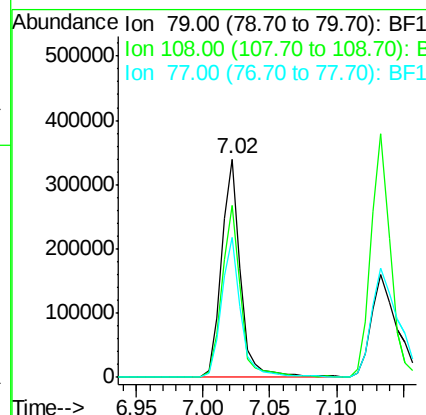
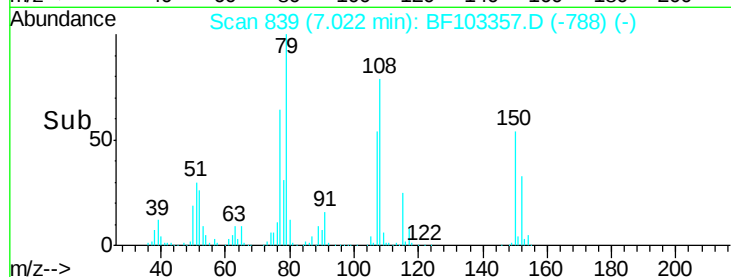
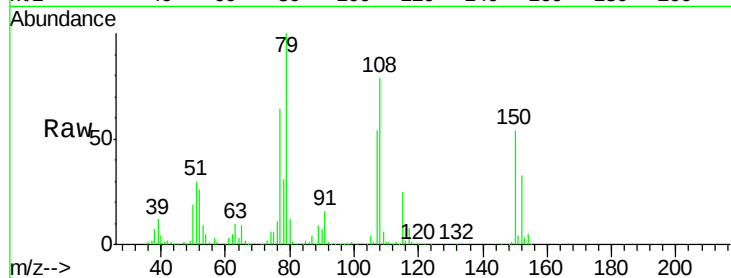
ClientSampled :

PB106964BS

Tot Ion:	79	Resp:	342856
Ion Ratio	Lower	Upper	
79	100		
108	79.0	65.1	97.7
77	63.9	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.239 ng

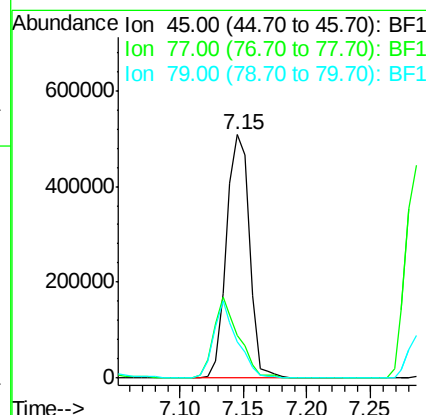
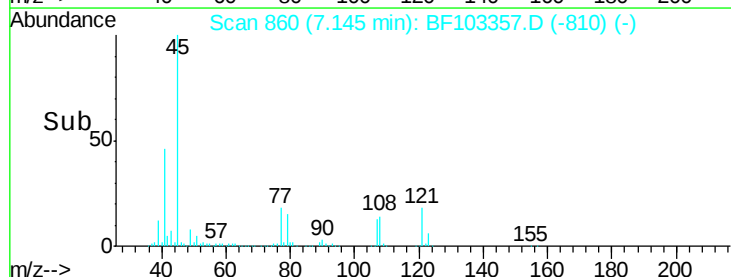
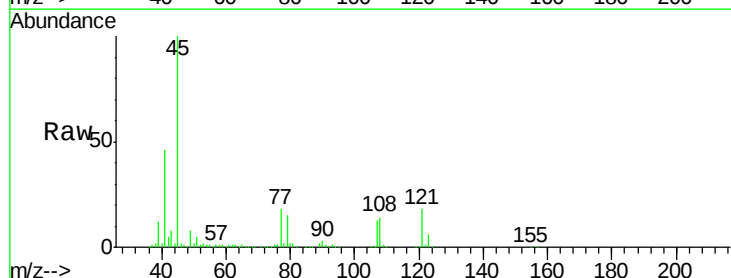
RT: 7.15 min Scan# 860

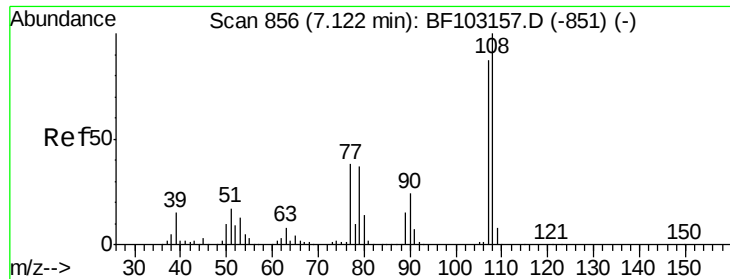
Delta R.T. -0.01 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Tgt Ion:	45	Resp:	641694
Ion Ratio	Lower	Upper	
45	100		
77	17.6	0.0	32.9
79	14.8	0.0	29.6





#17

2-Methylphenol

Concen: 43.817 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Instrument :

BNA_F

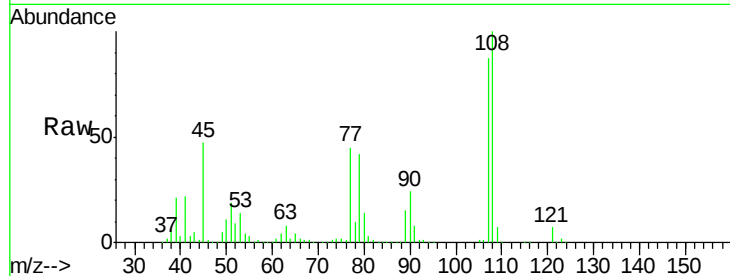
ClientSampled :

PB106964BS

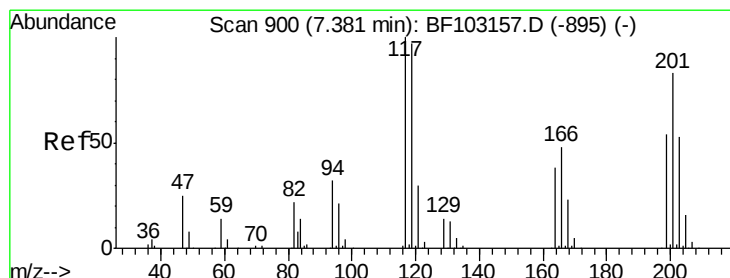
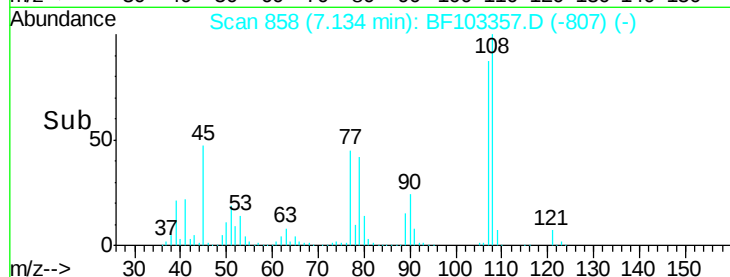
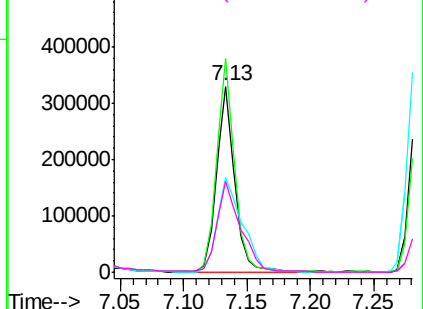
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	91.7	137.5	
77	51.4	33.8	50.8	
79	48.9	33.8	50.8	

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



#18

Hexachloroethane

Concen: 44.568 ng

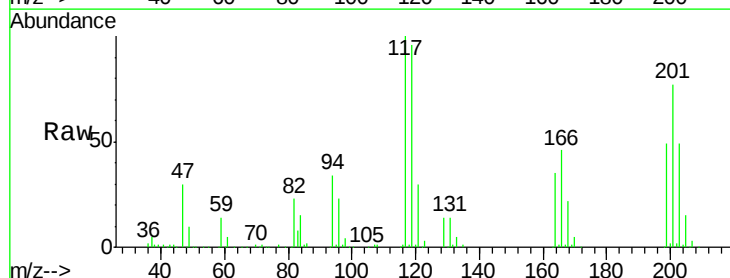
RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

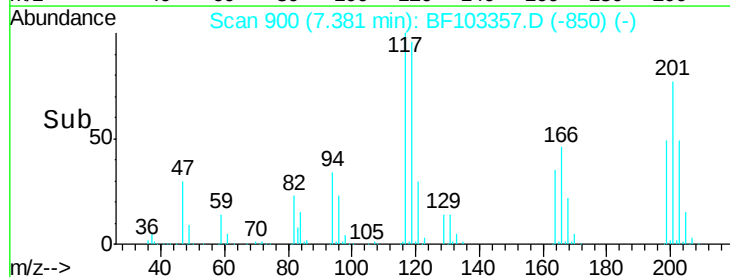
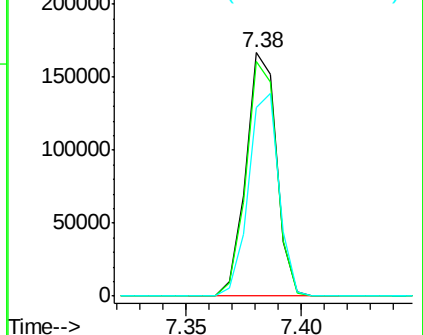
Lab File: BF103357.D

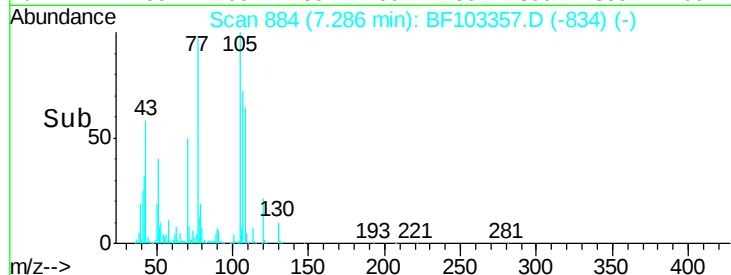
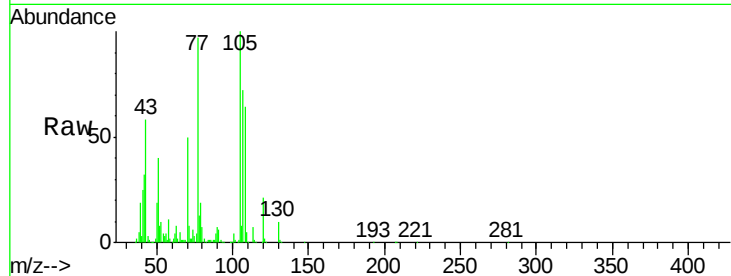
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	75.8	113.8	
201	77.5	75.7	113.5	



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





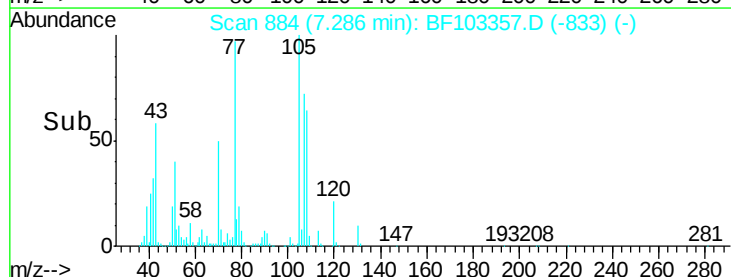
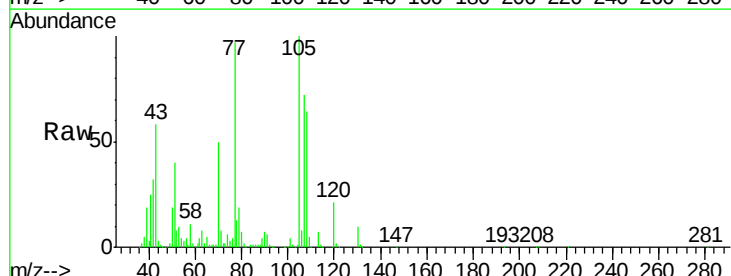
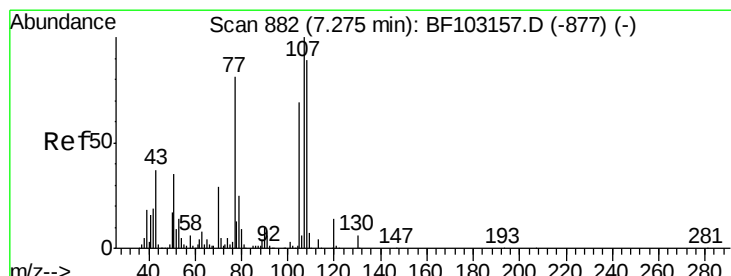
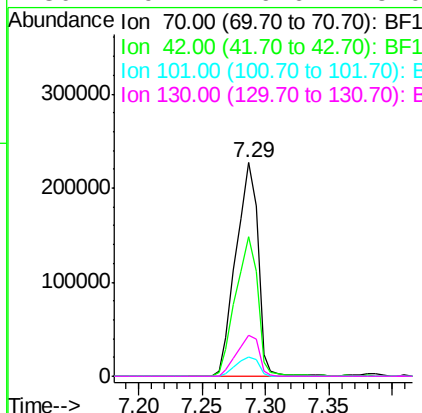
#19
n-Nitroso-di-n-propylamine
Concen: 44.717 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.1	47.5	71.3
101	9.0	7.4	11.2
130	19.2	16.6	25.0

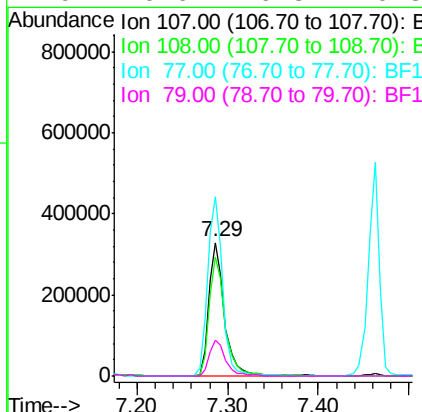
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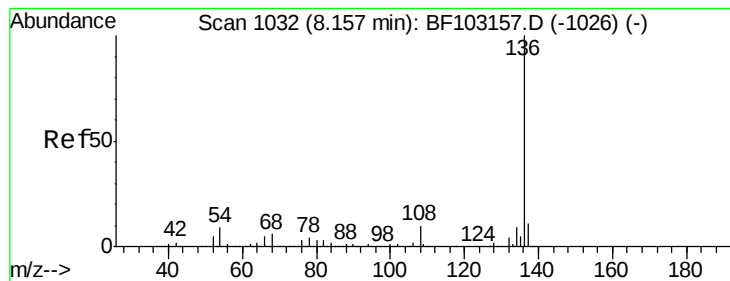
Sohil
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#20
3+4-Methylphenols
Concen: 42.938 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.2	108.2
77	134.4	26.7	66.7#
79	26.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Instrument :

BNA_F

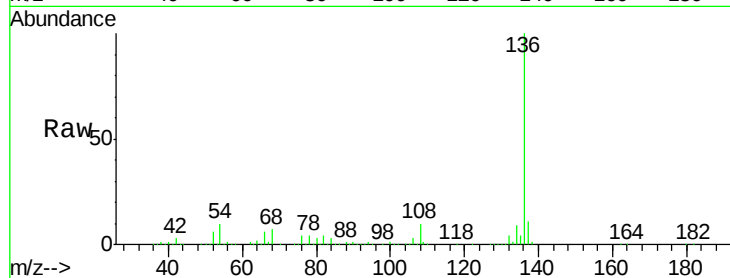
ClientSampleId :

PB106964BS

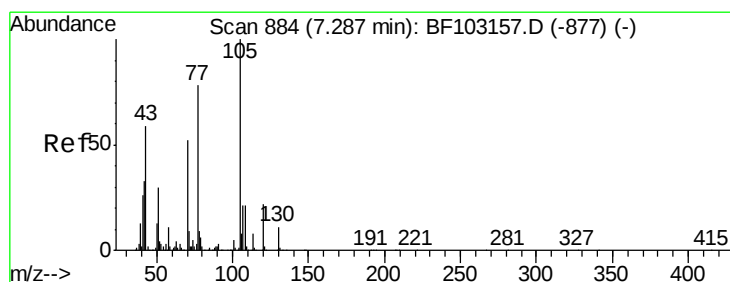
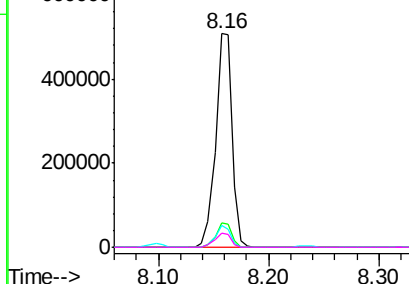
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	10.1	6.6	9.8	
68	6.9	5.0	7.4	

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Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
600000
Ion 54.00 (53.70 to 54.70): BF1
400000
Ion 68.00 (67.70 to 68.70): BF1
200000
0



#22

Acetophenone

Concen: 42.577 ng

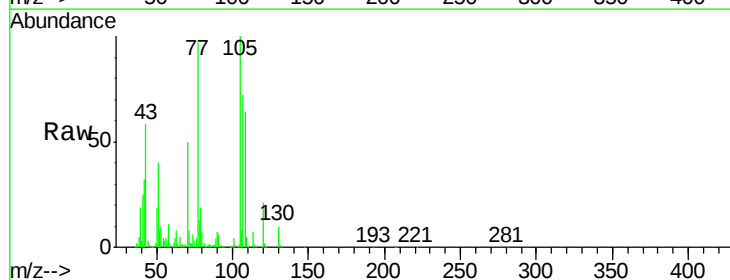
RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

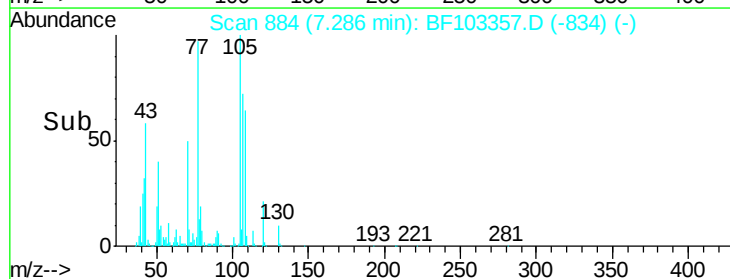
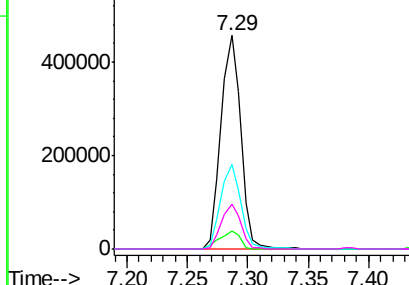
Lab File: BF103357.D

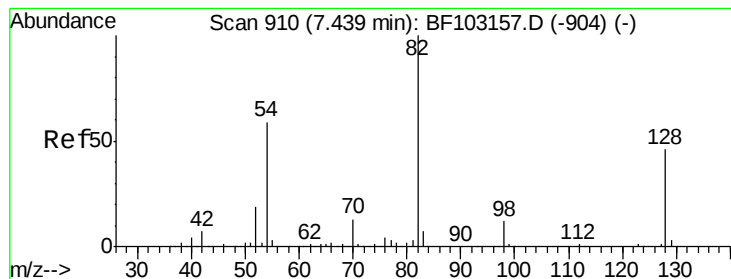
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.3	4.4	6.6	
51	39.7	22.3	33.5	
120	21.2	16.9	25.3	



Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
400000
Ion 51.00 (50.70 to 51.70): BF1
200000
Ion 120.00 (119.70 to 120.70): E
0





#23

Nitrobenzene-d5

Concen: 79.114 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Instrument :

BNA_F

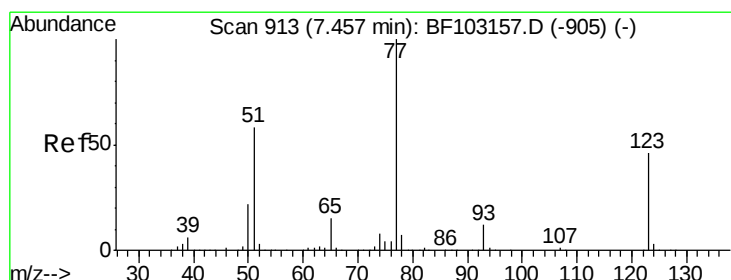
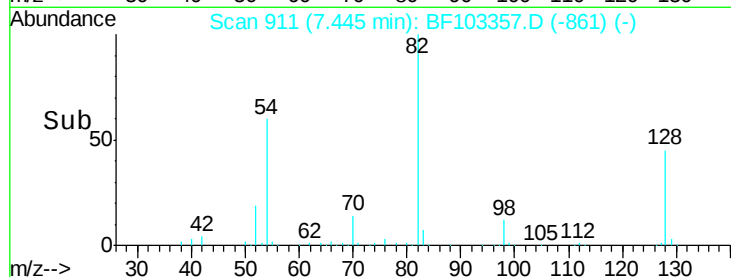
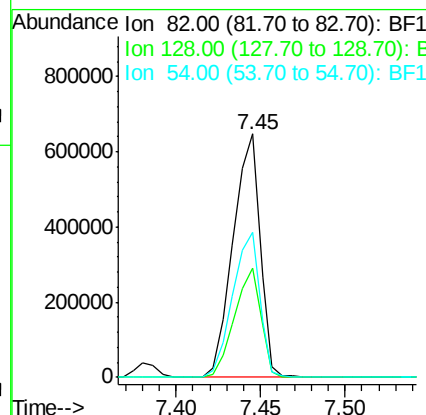
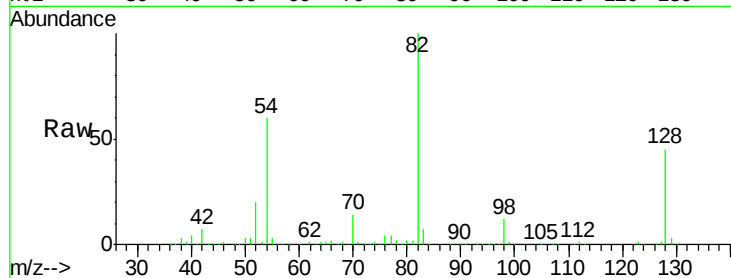
ClientSampleId :

PB106964BS

Tot Ion:	82	Resp:	723220
Ion Ratio	Lower	Upper	
82	100		
128	44.7	36.1	54.1
54	59.8	41.4	62.2

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#24

Nitrobenzene

Concen: 44.691 ng

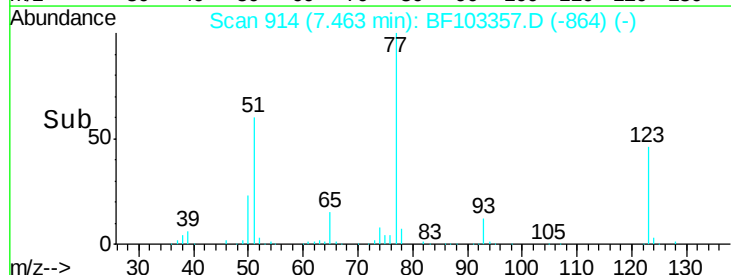
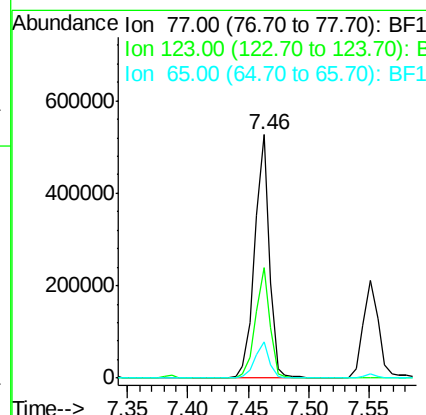
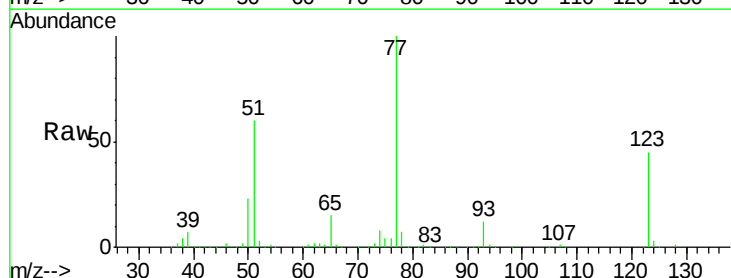
RT: 7.46 min Scan# 914

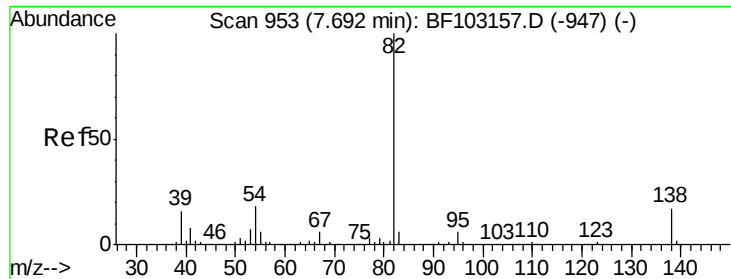
Delta R.T. -0.01 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Tgt Ion:	77	Resp:	449801
Ion Ratio	Lower	Upper	
77	100		
123	45.4	37.9	56.9
65	14.8	11.0	16.4





#25

Isophorone

Concen: 45.644 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Instrument :

BNA_F

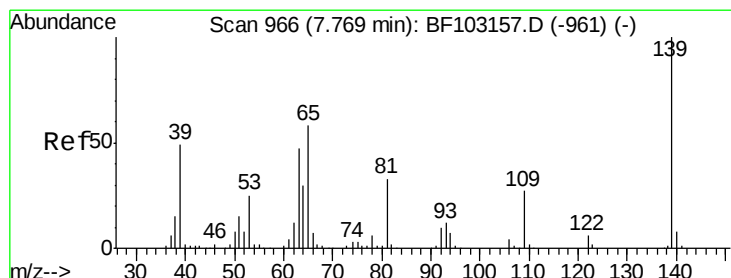
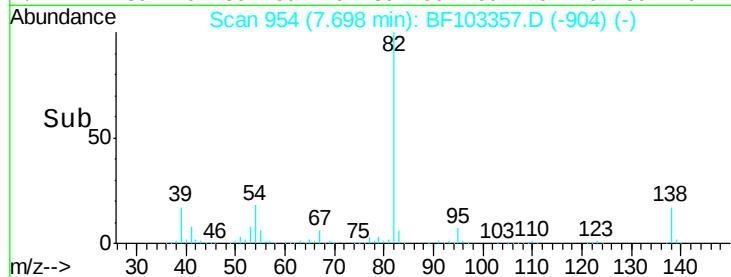
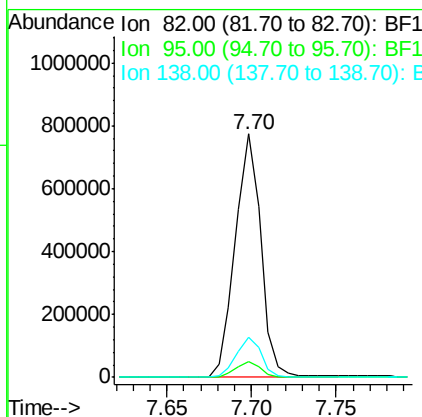
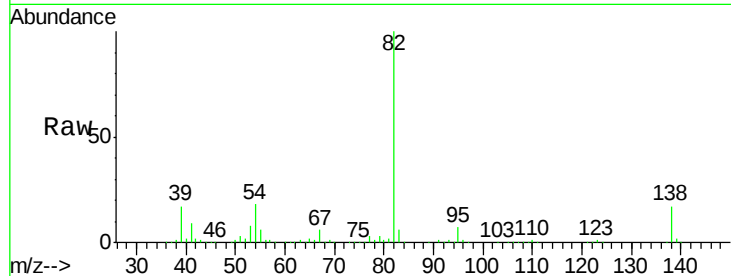
ClientSampleId :

PB106964BS

Tot Ion:	82	Resp:	821786
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	16.5	14.9	22.3

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#26

2-Nitrophenol

Concen: 46.885 ng

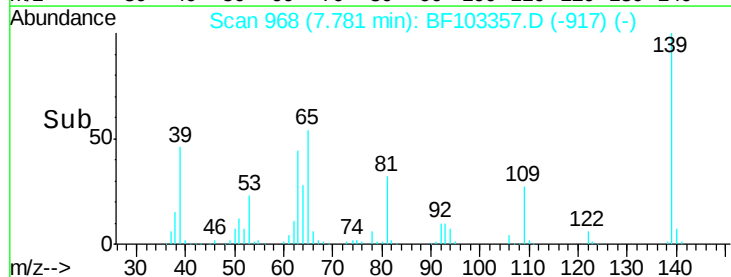
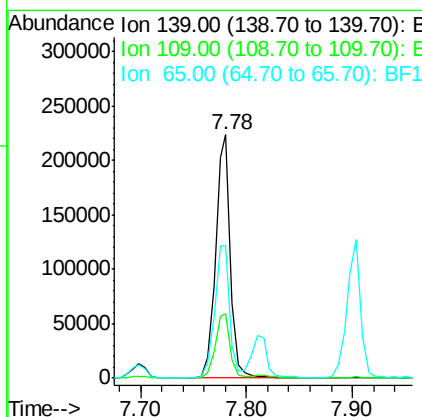
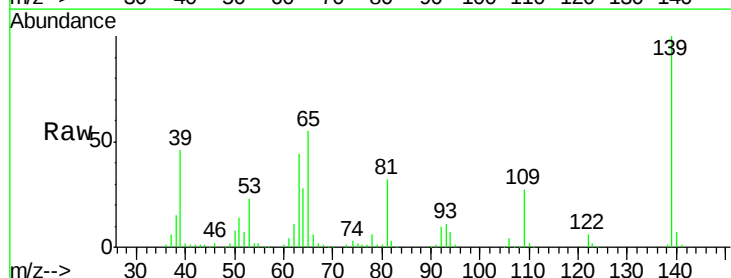
RT: 7.78 min Scan# 968

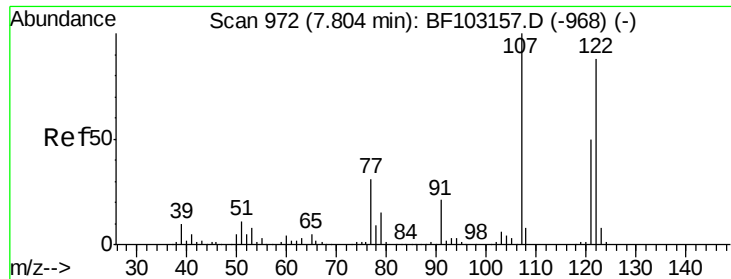
Delta R.T. -0.00 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Tgt Ion:	139	Resp:	222149
Ion Ratio	Lower	Upper	
139	100		
109	26.6	22.7	34.1
65	54.6	40.5	60.7





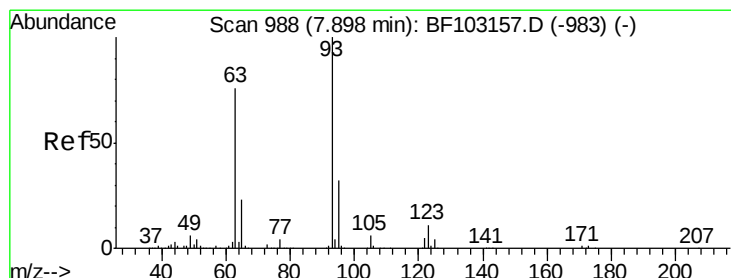
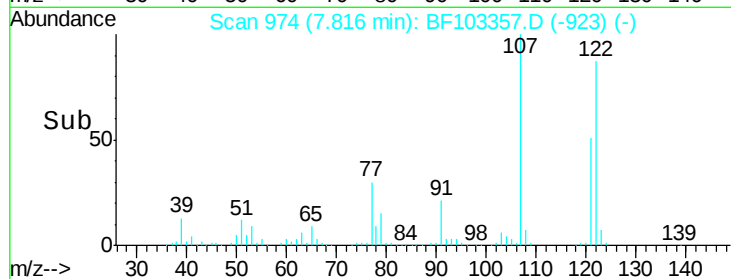
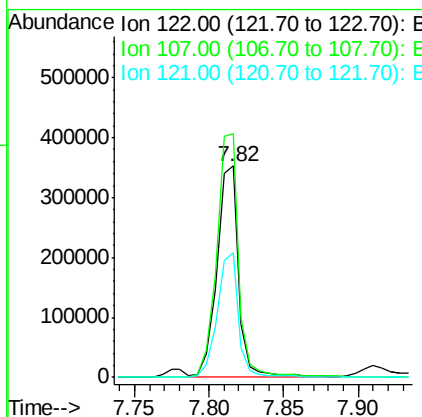
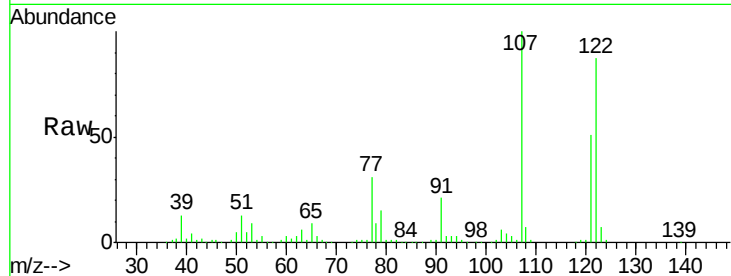
#27
2,4-Dimethylphenol
Concen: 50.030 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampled :
PB106964BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	362339		
107	115.2	91.2	136.8	
121	59.2	47.2	70.8	

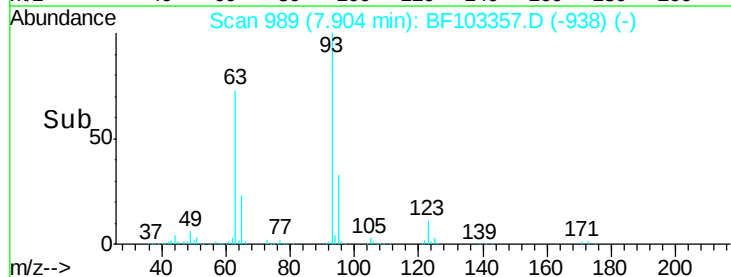
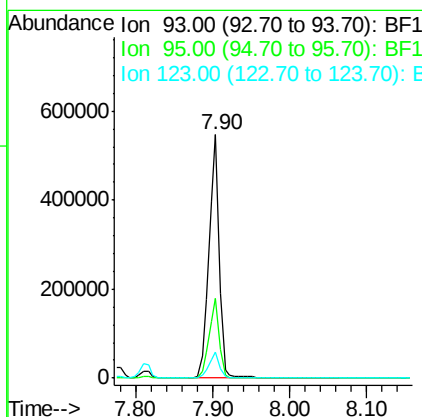
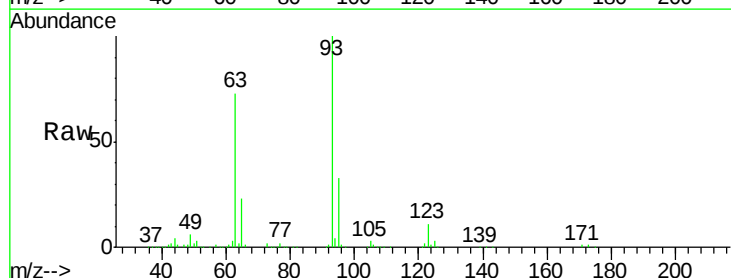
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 47.462 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	502409		
95	32.6	26.3	39.5	
123	10.9	9.8	14.6	





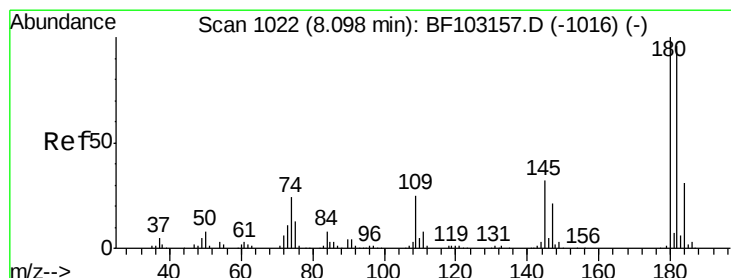
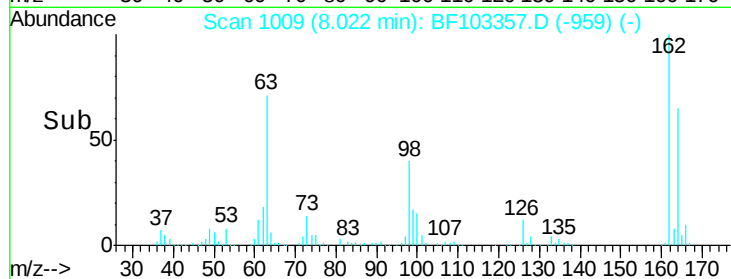
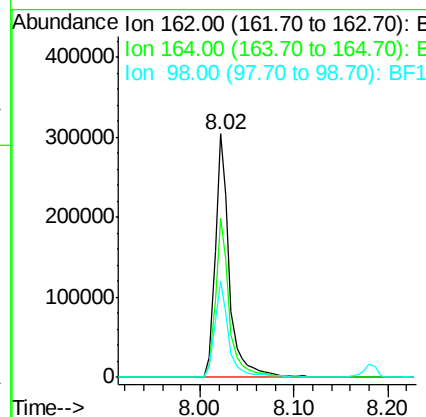
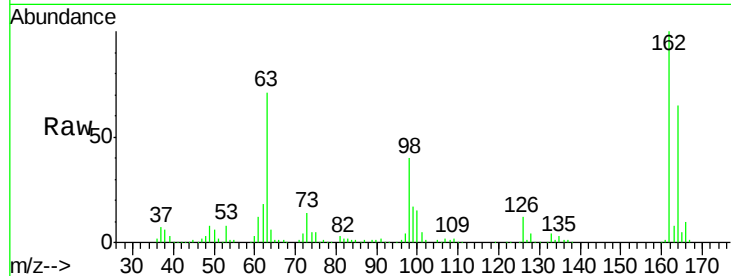
#29
 2,4-Dichlorophenol
 Concen: 46.917 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF103357.D
 Acq: 2 Mar 2018 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB106964BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	325318		
164	65.2	42.7	82.7	
98	39.6	18.1	58.1	

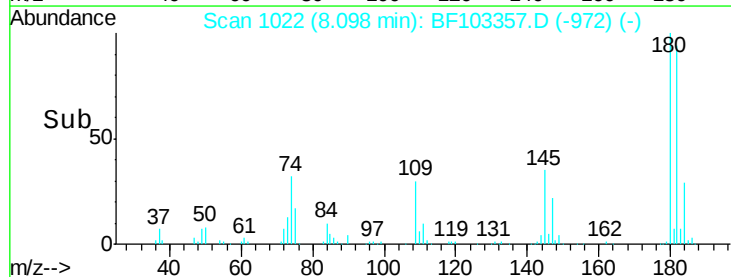
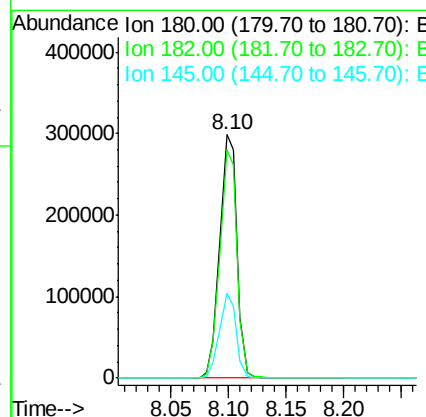
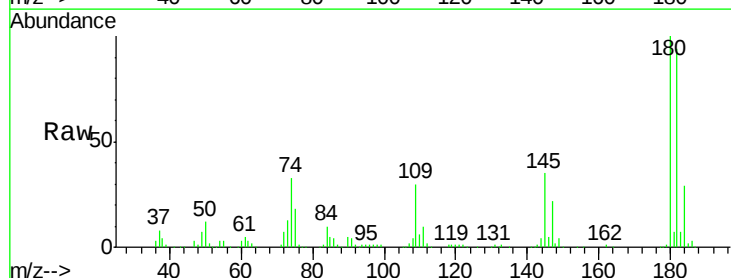
Manual Integrations
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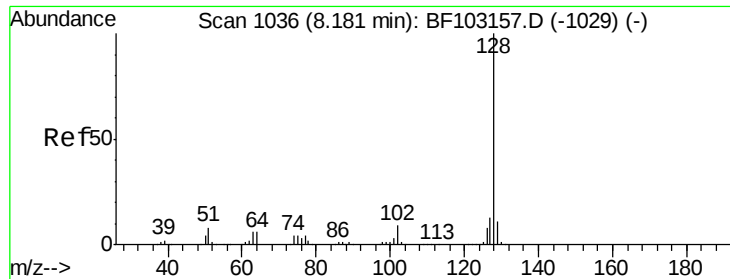
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.138 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF103357.D
 Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	311145		
182	93.9	76.8	115.2	
145	35.0	26.5	39.7	





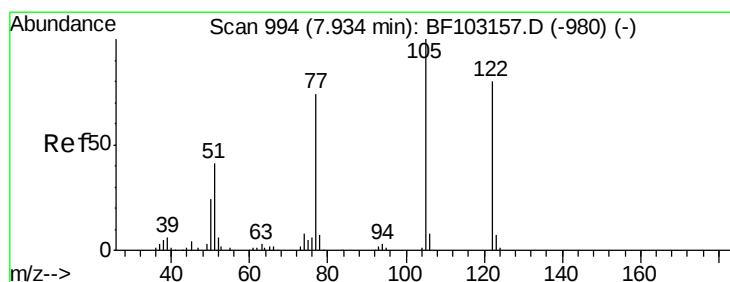
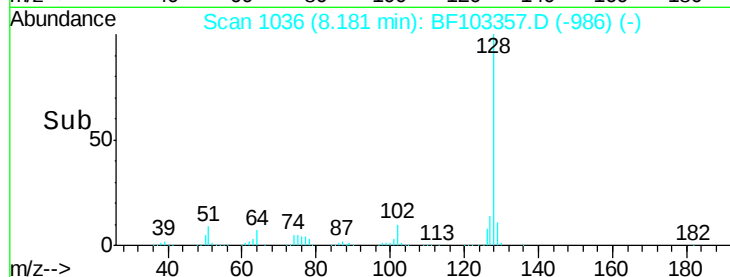
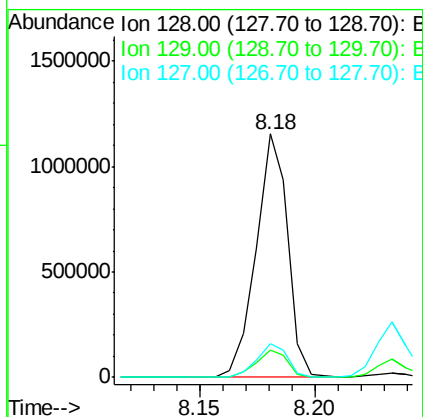
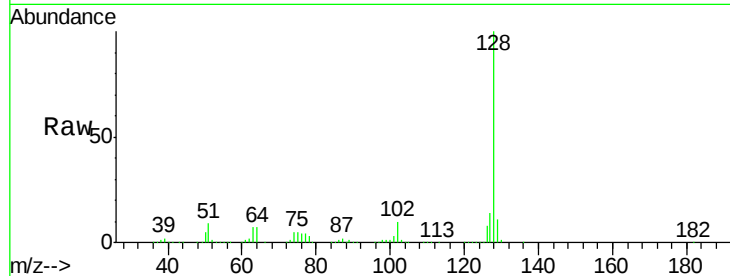
#31
Naphthalene
Concen: 43.115 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.8	10.9	16.3

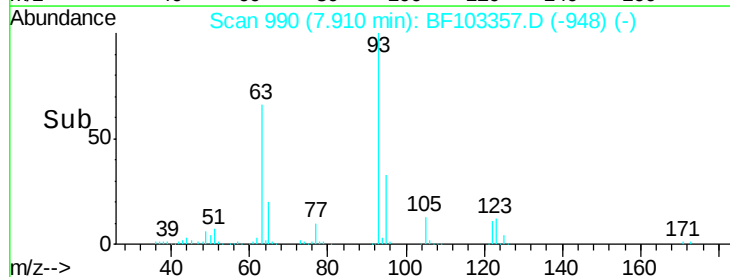
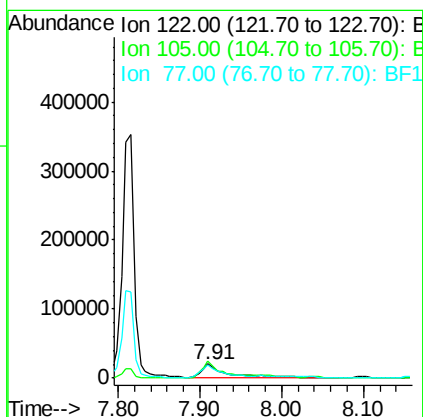
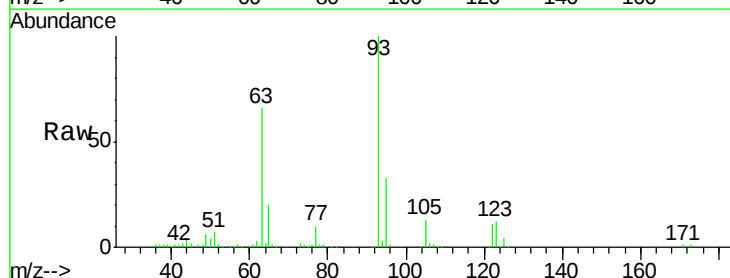
Manual Integrations
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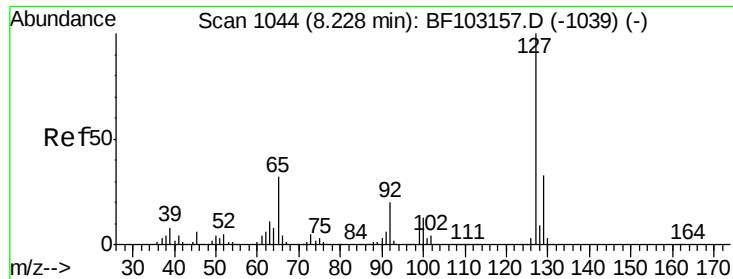
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#32
Benzoic acid
Concen: 13.576 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.05 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.5	101.1	141.1
77	95.4	70.7	110.7





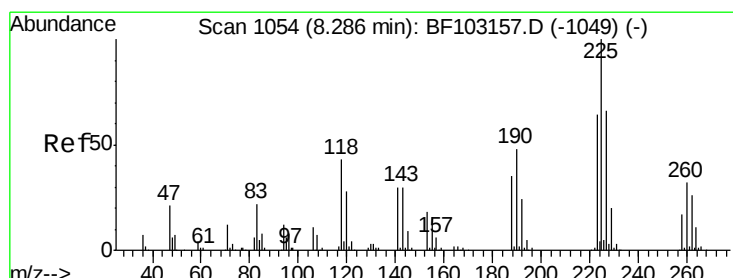
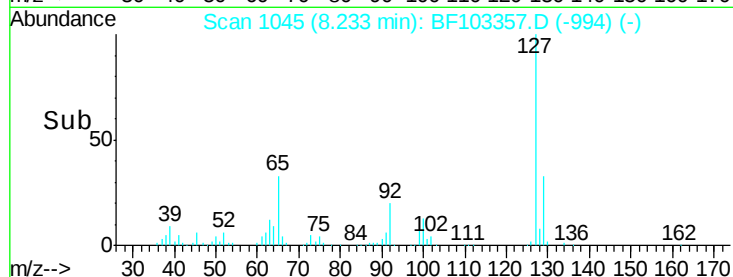
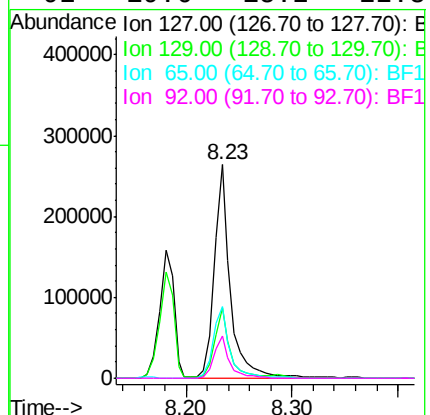
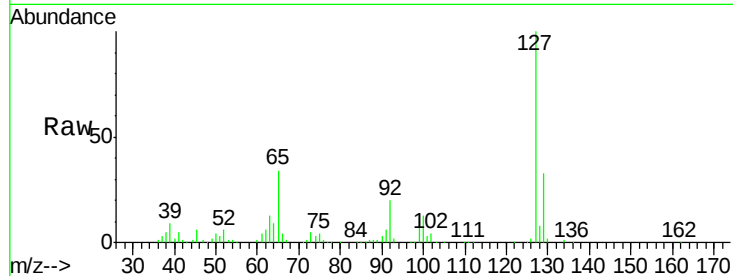
#33
4-Chloroaniline
Concen: 25.420 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
280361	127	100			
	129	32.8	25.9	38.9	
	65	33.5	25.0	37.4	
	92	19.6	15.2	22.8	

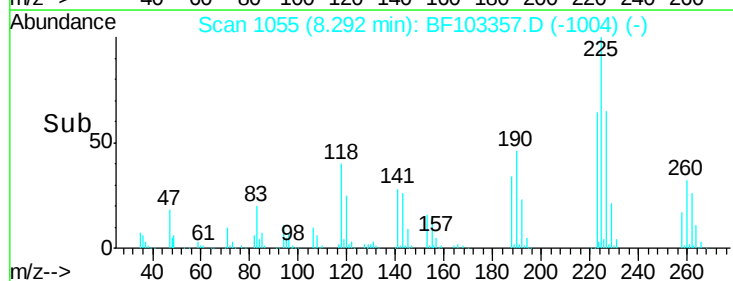
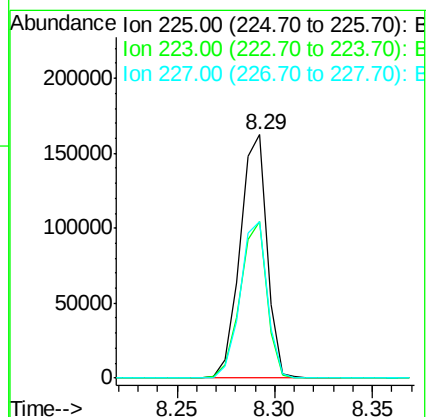
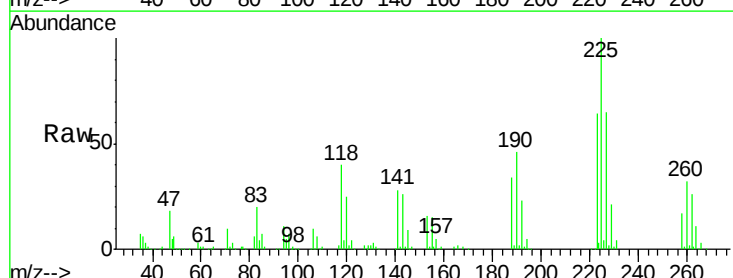
Manual Integrations
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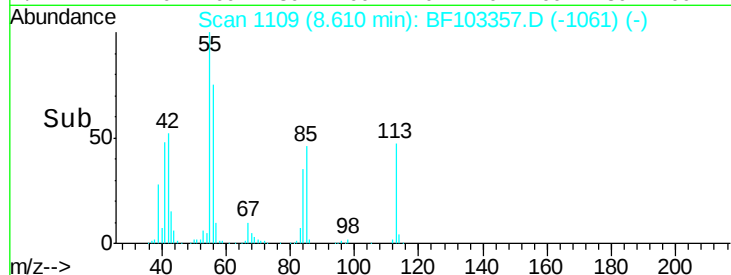
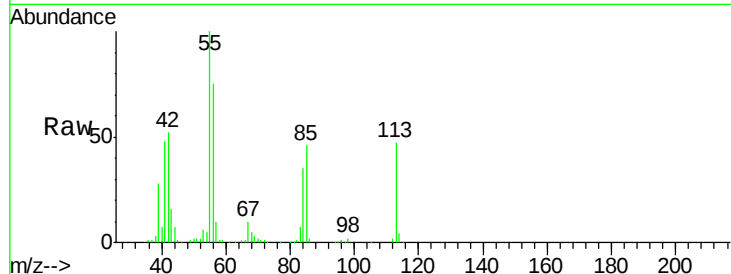
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#34
Hexachlorobutadiene
Concen: 40.466 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
155596	225	100			
	223	64.1	50.6	76.0	
	227	64.5	51.9	77.9	





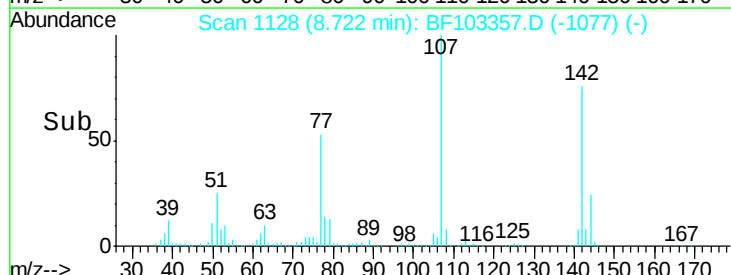
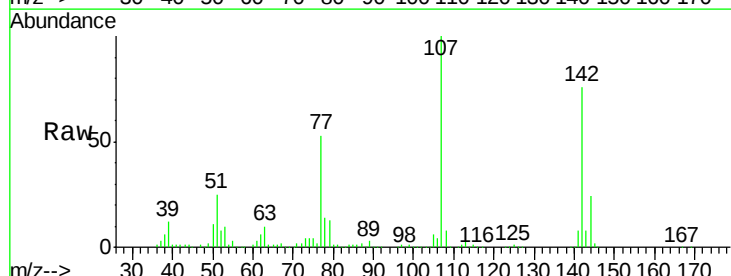
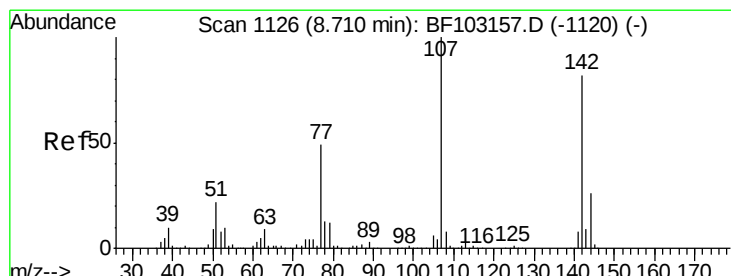
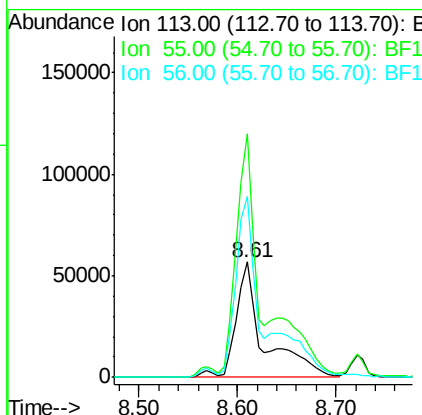
#35
Caprolactam
Concen: 46.117 ng/ml
RT: 8.61 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tot Ion: 113 Resp: 112385
Ion Ratio Lower Upper
113 100
55 211.0 163.3 203.3#
56 157.2 115.7 155.7#

Instrument :
BNA_F
ClientSampleId :
PB106964BS

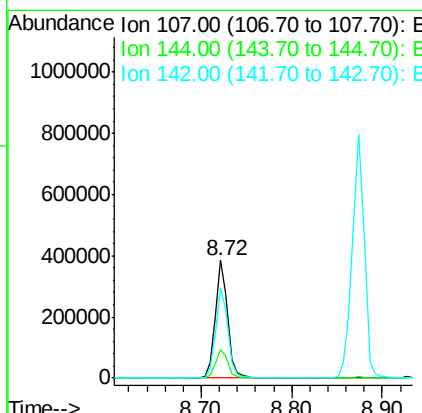
Manual Integrations
APPROVED

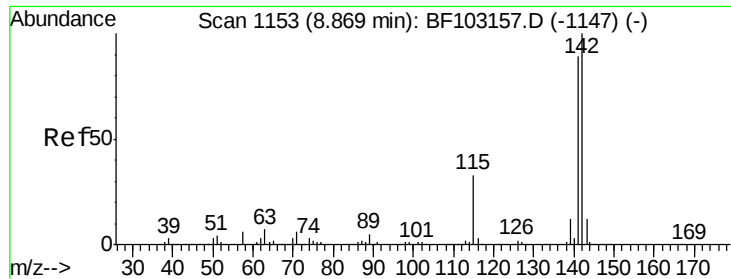
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#36
4-Chloro-3-methylphenol
Concen: 46.641 ng/ml
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion: 107 Resp: 364773
Ion Ratio Lower Upper
107 100
144 24.0 20.5 30.7
142 75.8 62.0 93.0





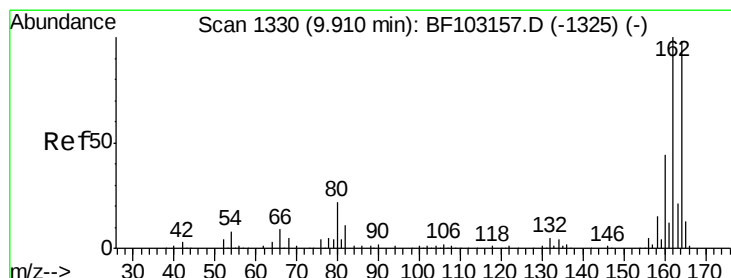
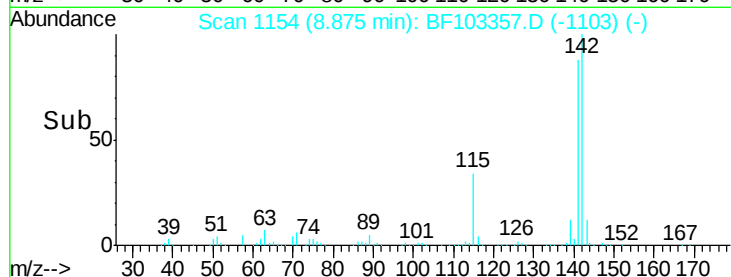
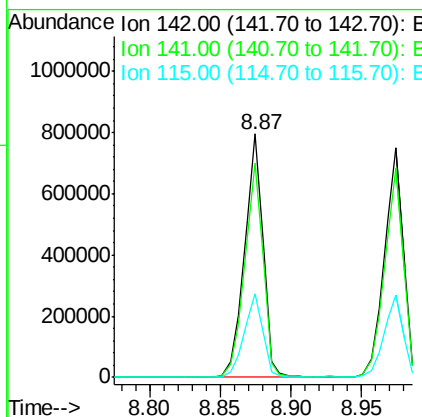
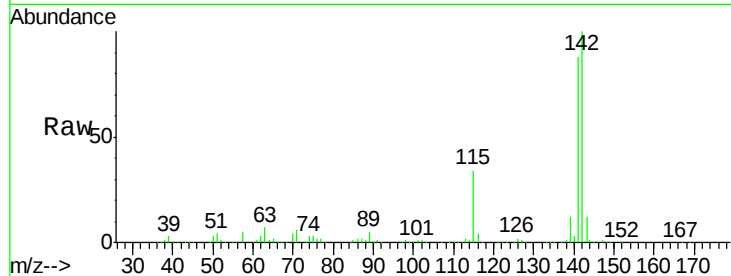
#37
2-Methylnaphthalene
Concen: 44.090 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampled :
PB106964BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	34.3	26.1	39.1

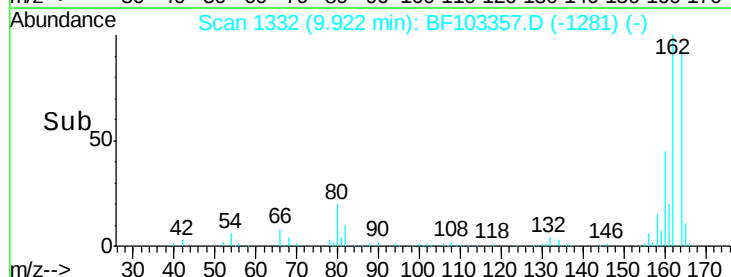
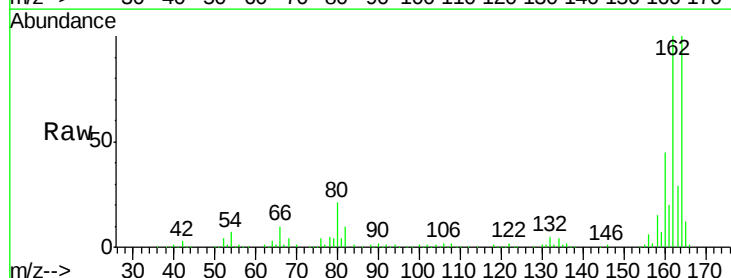
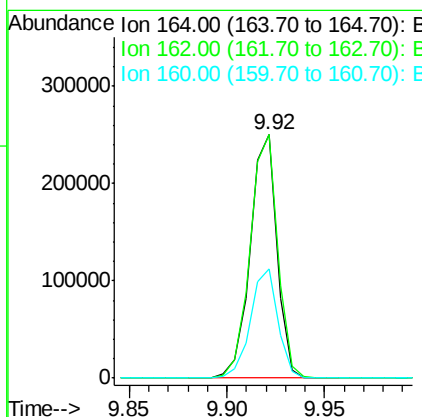
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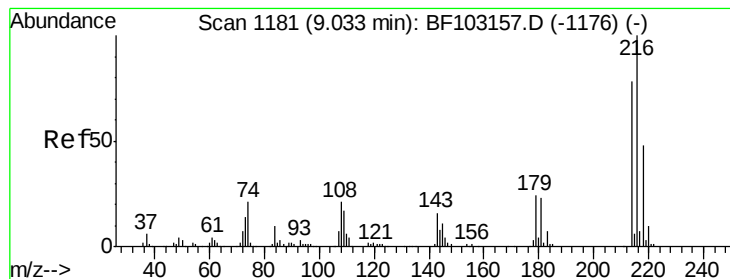
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	86.1	129.1
160	44.9	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.654 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Instrument :

BNA_F

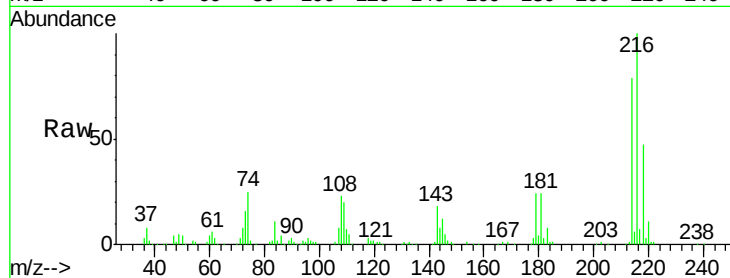
ClientSampleId :

PB106964BS

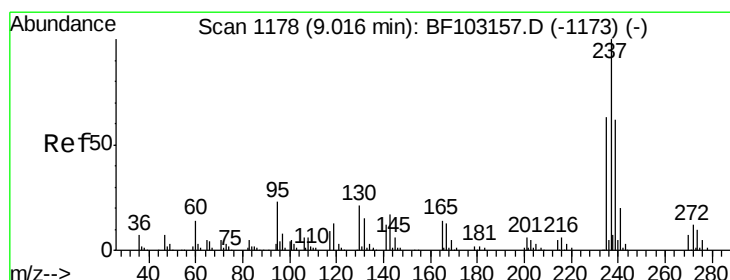
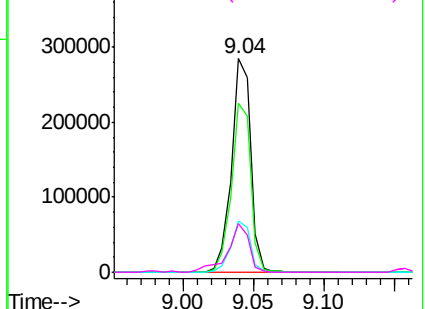
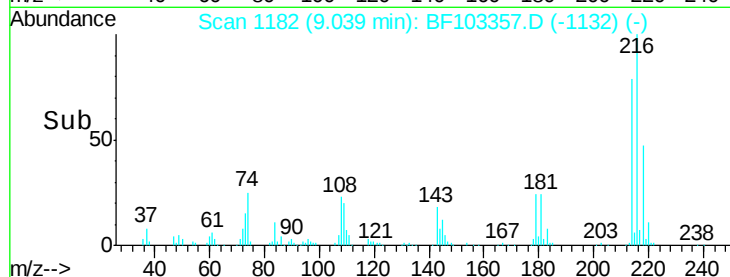
Tot Ion	Ratio	Resp	Lower	Upper
216	100	269975		
214	79.7	63.0	94.4	
179	23.7	18.1	27.1	
108	25.2	17.2	25.8	

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



#40

Hexachlorocyclopentadiene

Concen: 67.181 ng

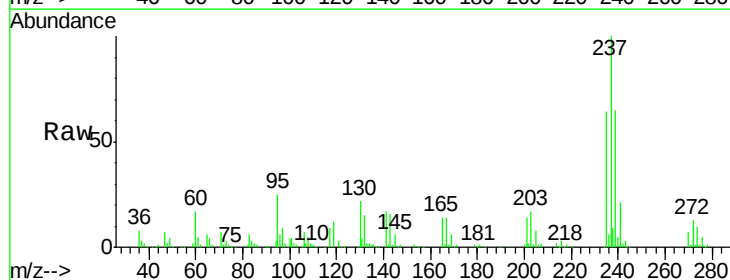
RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

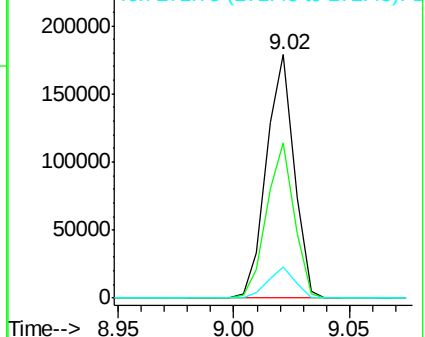
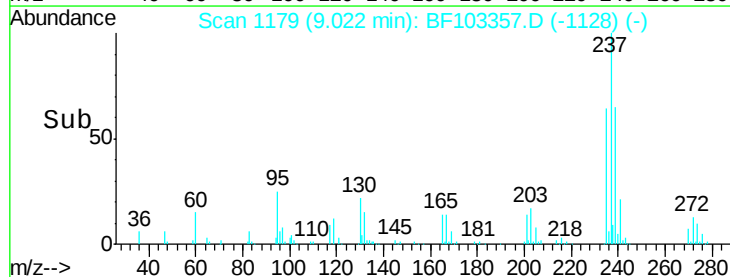
Lab File: BF103357.D

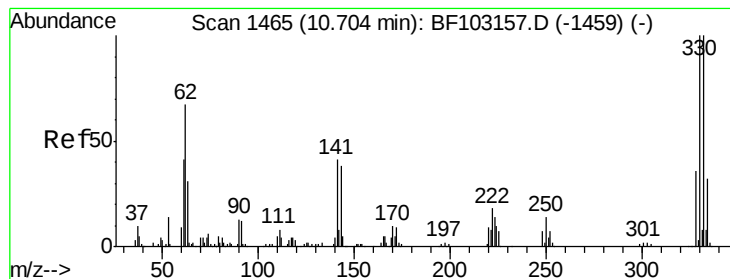
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	149824		
235	63.5	44.8	84.8	
272	12.6	0.0	33.3	



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





#41

2,4,6-Tribromophenol

Concen: 154.115 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Instrument :

BNA_F

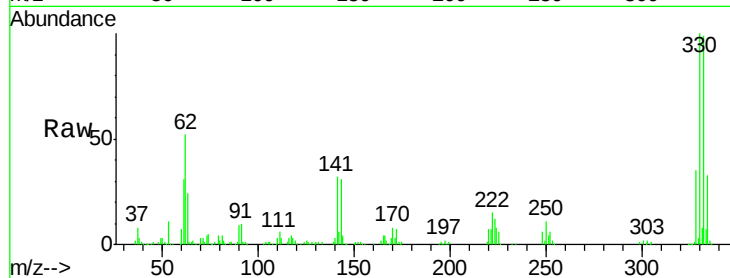
ClientSampleId :

PB106964BS

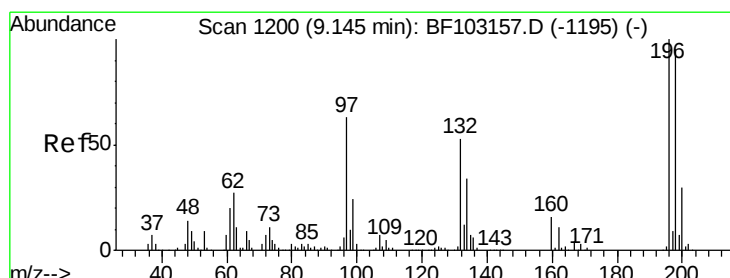
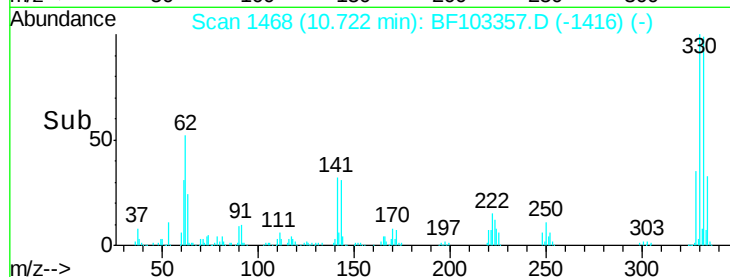
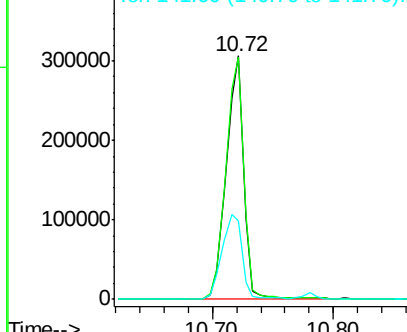
Tot Ion:	330	Resp:	309275
Ion Ratio	Lower	Upper	
330	100		
332	103.0	77.0	115.6
141	39.9	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 44.258 ng

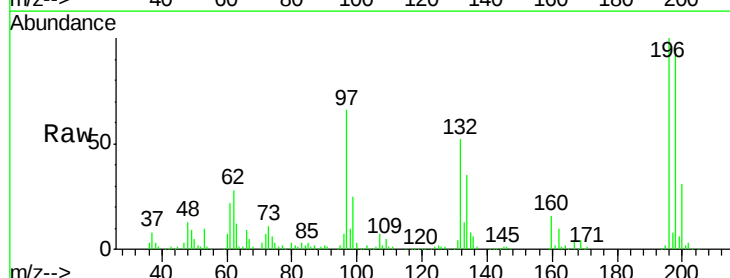
RT: 9.16 min Scan# 1202

Delta R.T. -0.00 min

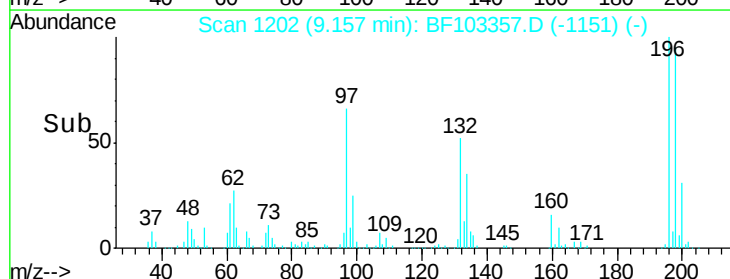
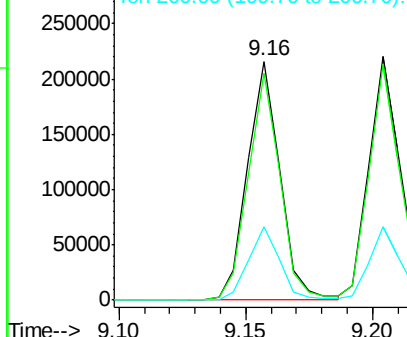
Lab File: BF103357.D

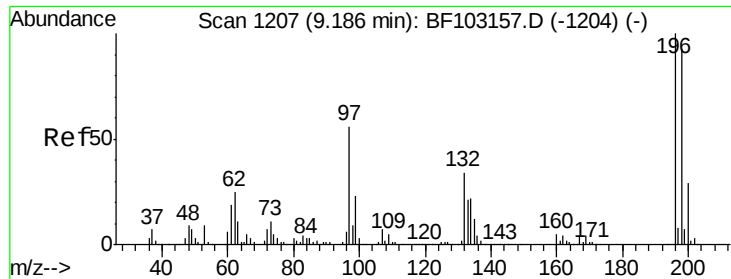
Acq: 2 Mar 2018 11:05

Tgt Ion:	196	Resp:	193019
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.7	113.5
200	30.5	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





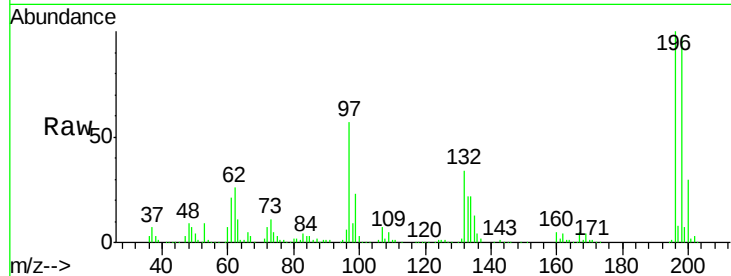
#43
2,4,5-Trichlorophenol
Concen: 41.155 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	206433		
198	96.8	74.6	112.0	
97	56.6	42.9	64.3	
132	33.5	26.3	39.5	

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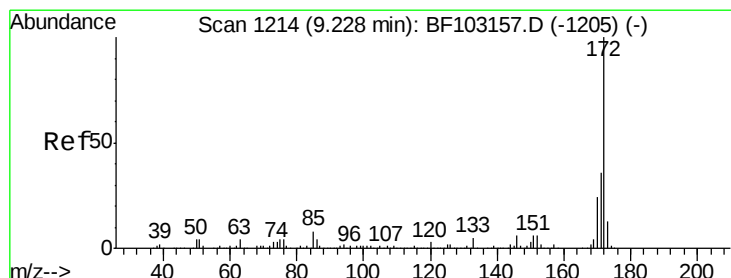
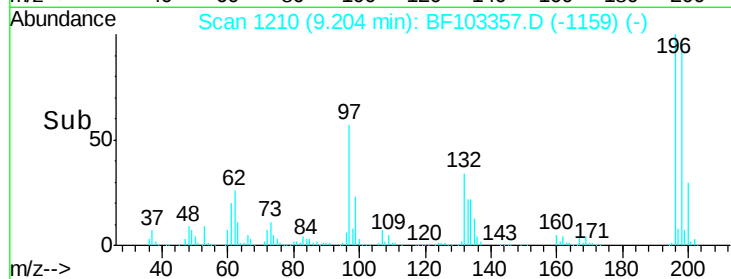
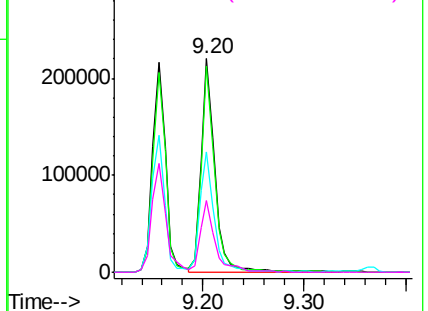
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 76.952 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

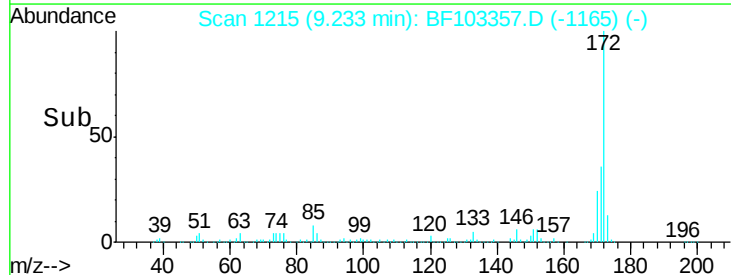
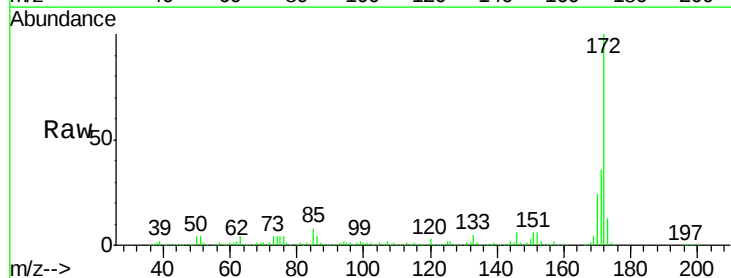
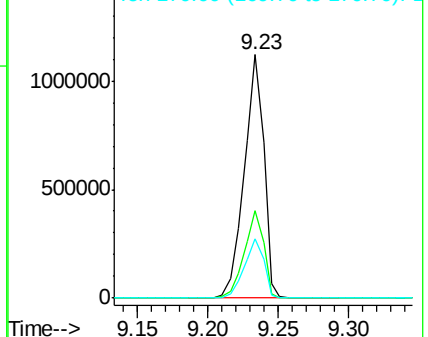
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1083401		
171	35.8	29.7	44.5	
170	24.2	19.6	29.4	

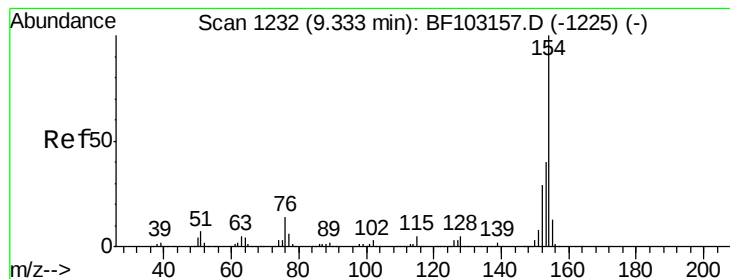
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.537 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Instrument :

BNA_F

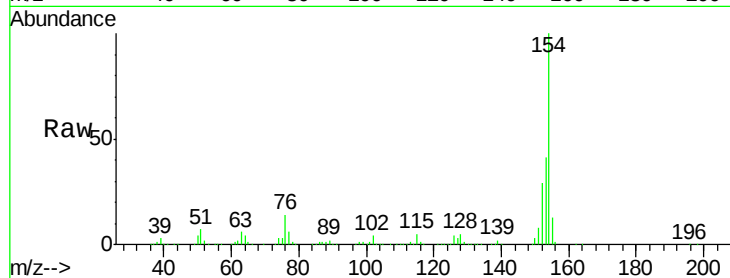
ClientSampleId :

PB106964BS

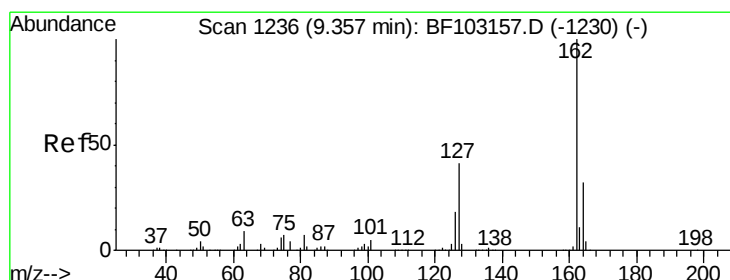
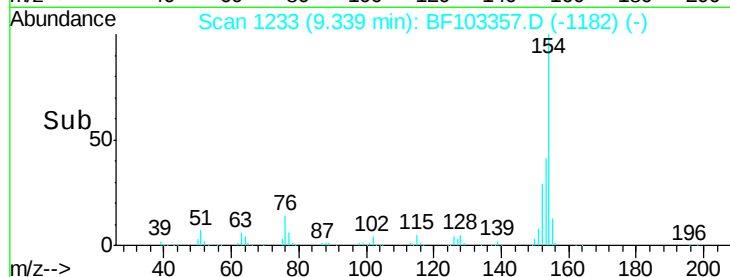
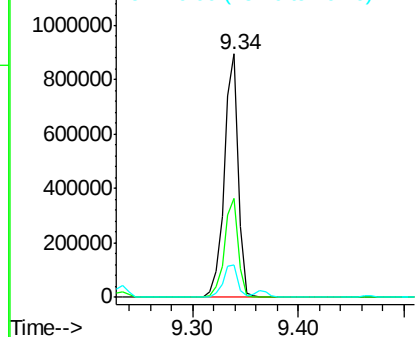
Tot Ion:	154	Resp:	825192
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.3	61.3
76	13.5	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 42.077 ng

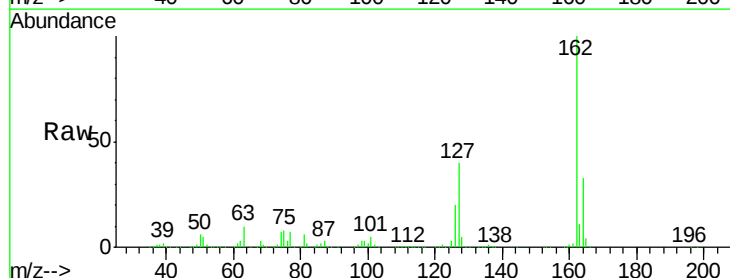
RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

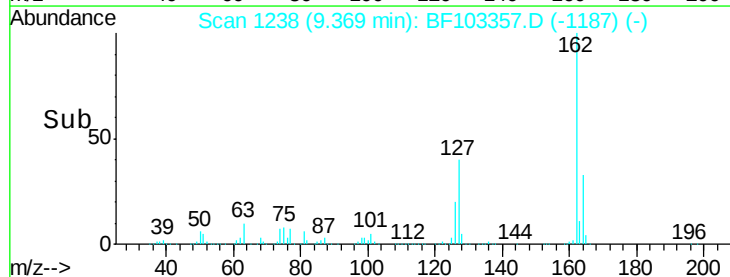
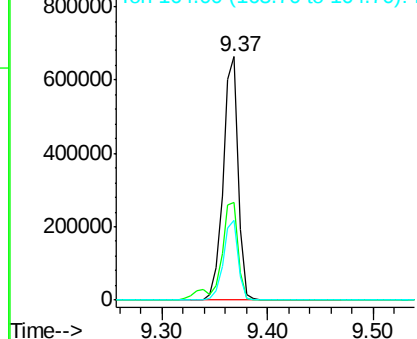
Lab File: BF103357.D

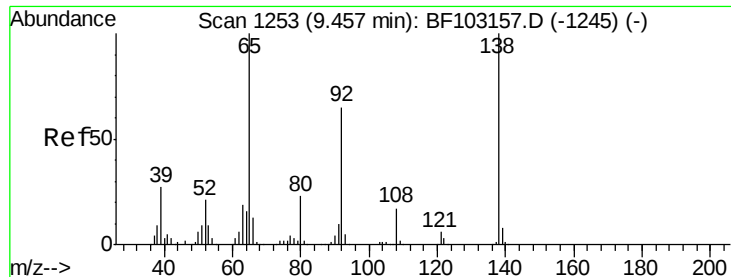
Acq: 2 Mar 2018 11:05

Tgt Ion:	162	Resp:	661326
Ion Ratio	Lower	Upper	
162	100		
127	40.4	33.9	50.9
164	32.9	26.5	39.7



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





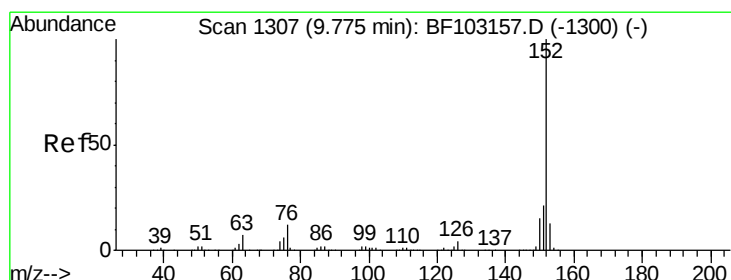
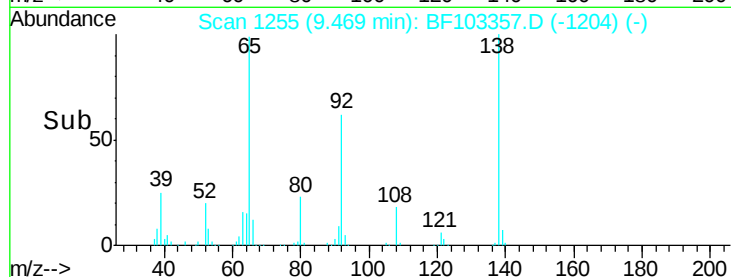
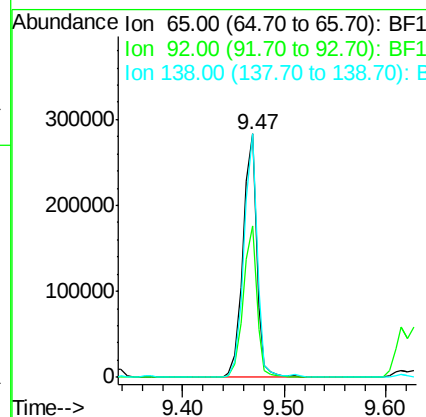
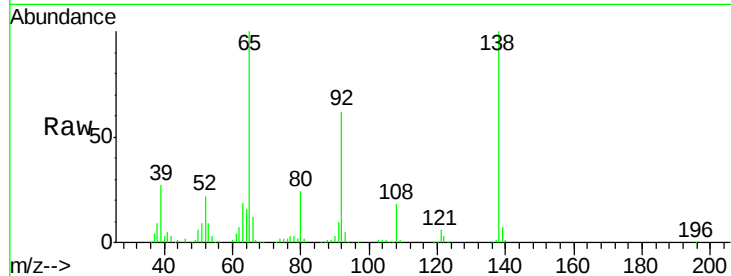
#47
2-Nitroaniline
Concen: 46.253 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.2	55.8	83.6
138	99.9	91.2	136.8

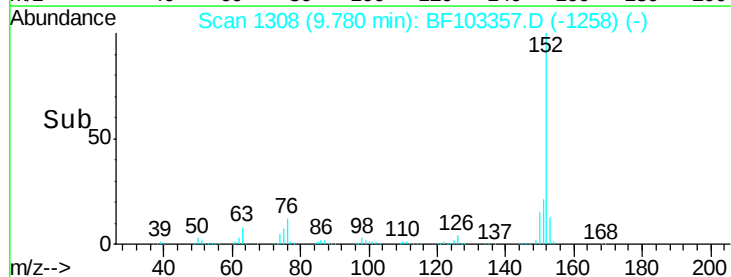
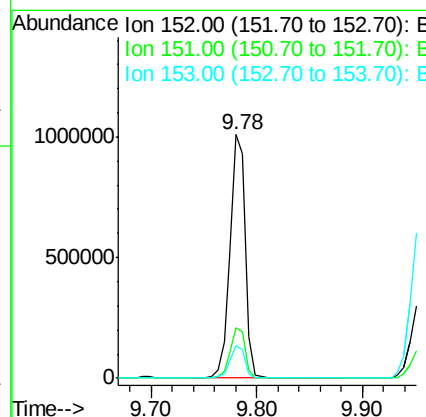
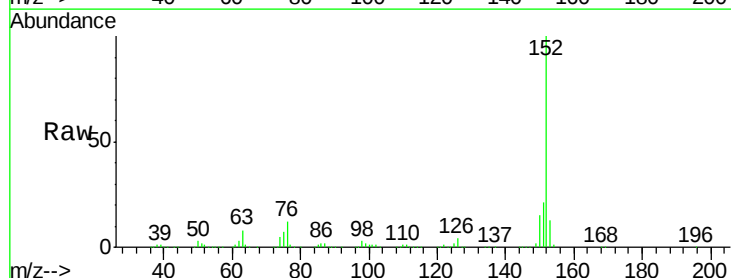
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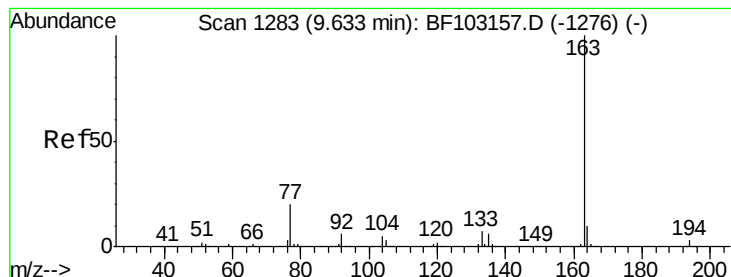
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#48
Acenaphthylene
Concen: 41.356 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.4	10.7	16.1





#49

Dimethylphthalate

Concen: 41.094 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Instrument :

BNA_F

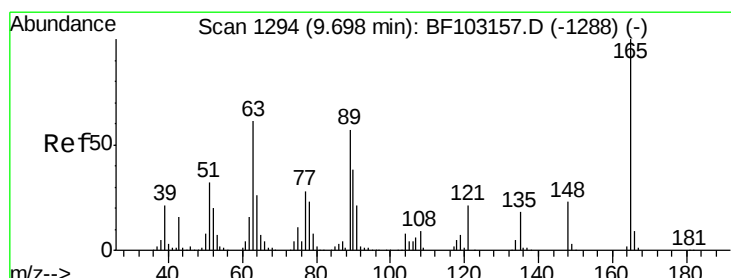
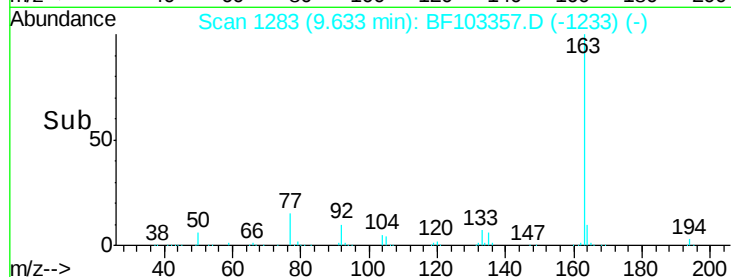
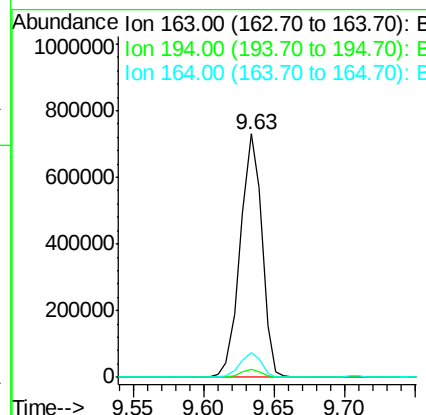
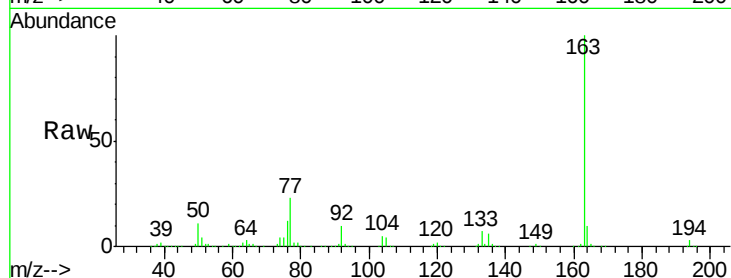
ClientSampleId :

PB106964BS

Tot Ion:	163	Resp:	781572
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	10.0	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 42.864 ng

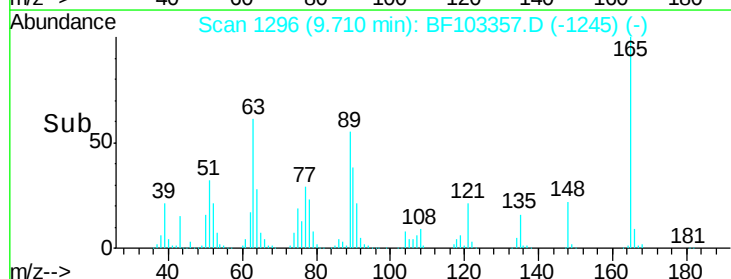
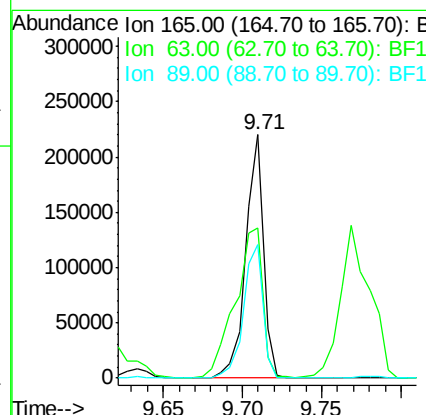
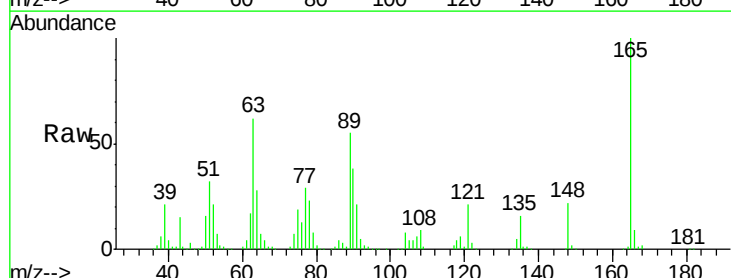
RT: 9.71 min Scan# 1296

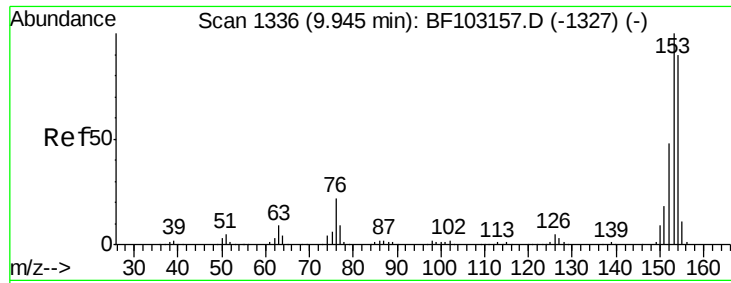
Delta R.T. -0.00 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Tgt Ion:	165	Resp:	171080
Ion Ratio	Lower	Upper	
165	100		
63	61.6	44.7	67.1
89	55.0	44.0	66.0





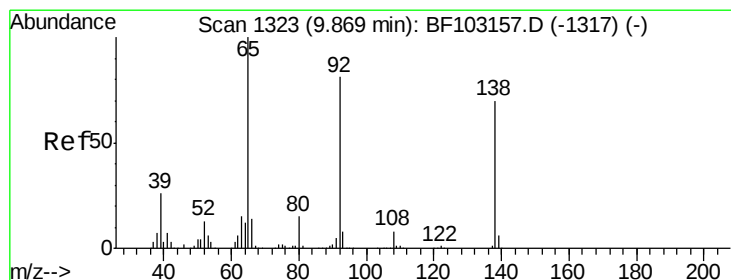
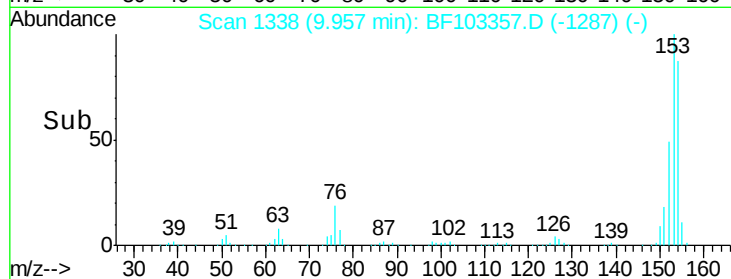
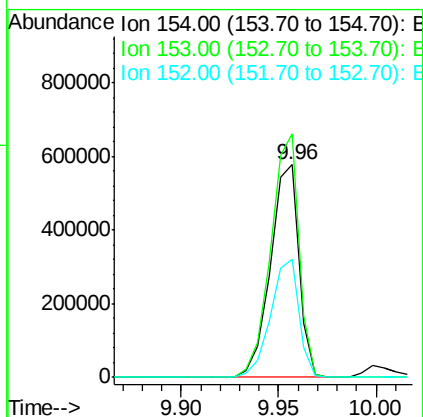
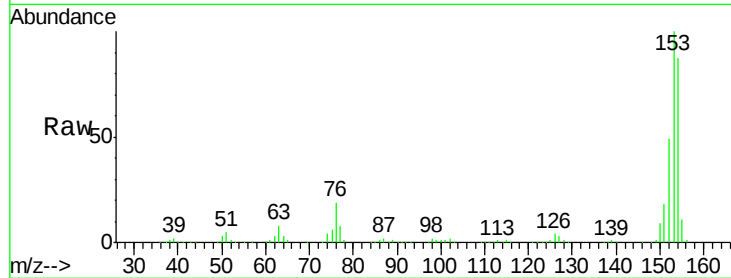
#51
Acenaphthene
Concen: 41.464 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.2	136.8
152	55.7	43.8	65.8

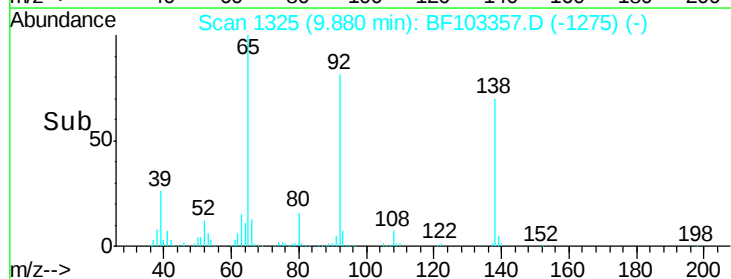
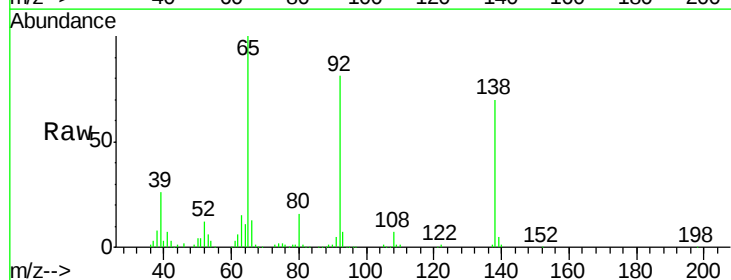
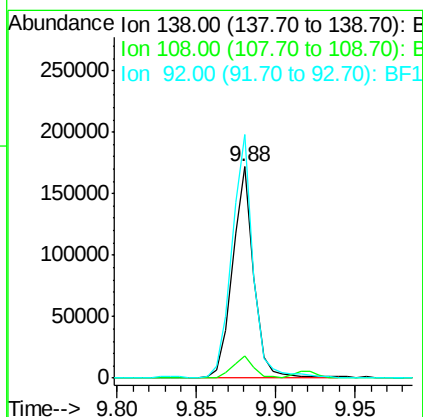
Manual Integrations
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#52
3-Nitroaniline
Concen: 31.515 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.4	14.0
92	115.4	89.4	134.2





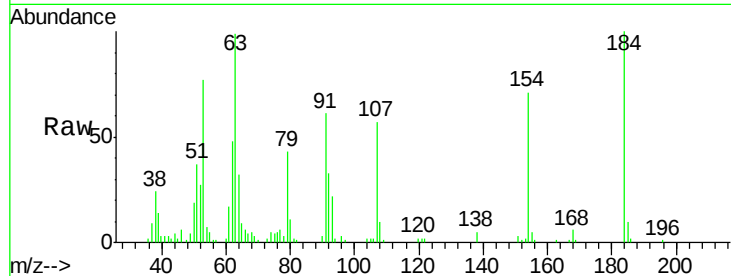
#53
2,4-Dinitrophenol
Concen: 42.458 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	53812		
63	99.3	54.2	81.2#	
154	70.5	184.0	276.0#	

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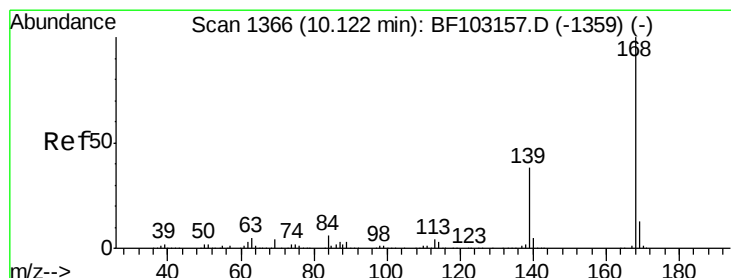
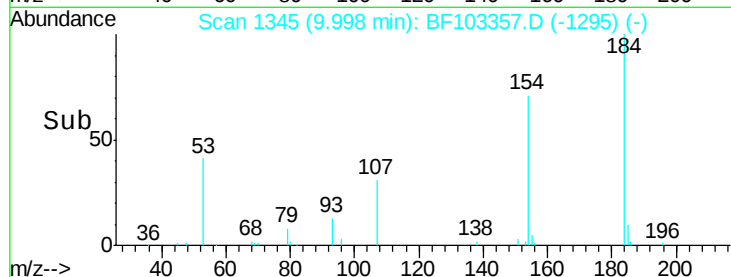
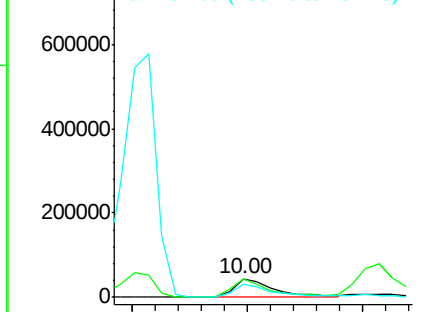


Abundance

Ion 184.00 (183.70 to 184.70): E

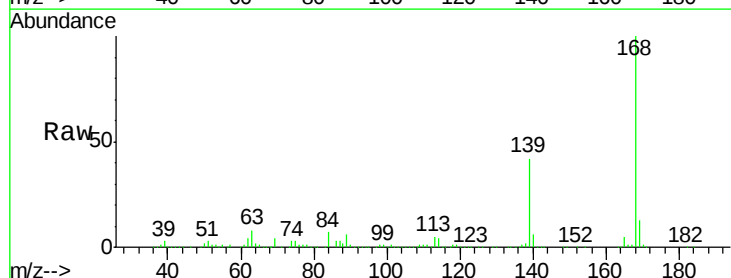
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 43.515 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	842319		
139	41.9	30.1	45.1	
169	13.3	10.9	16.3	

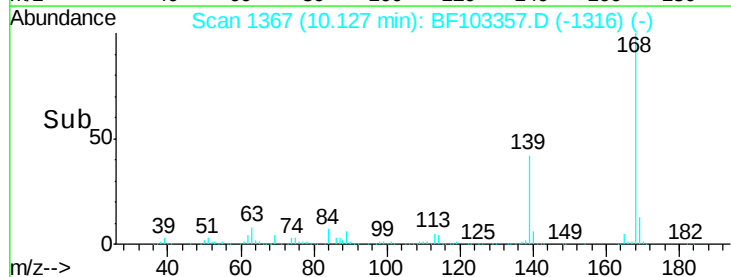
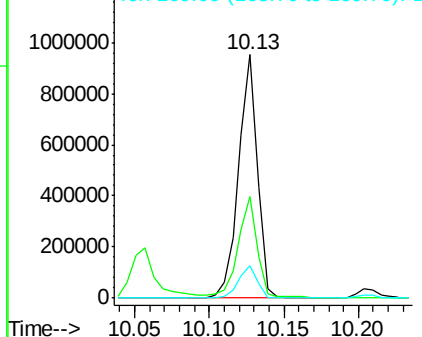


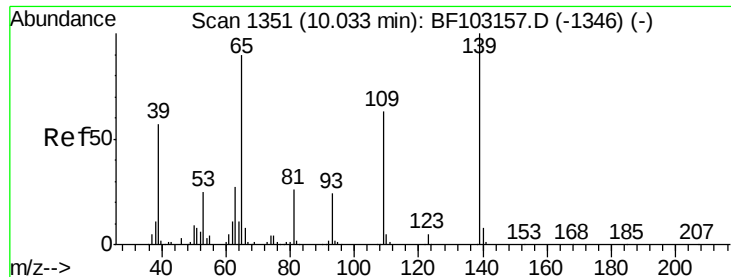
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





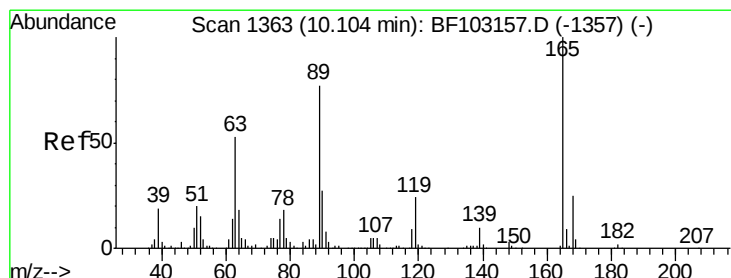
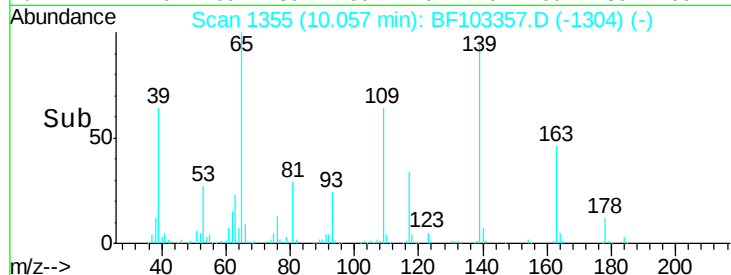
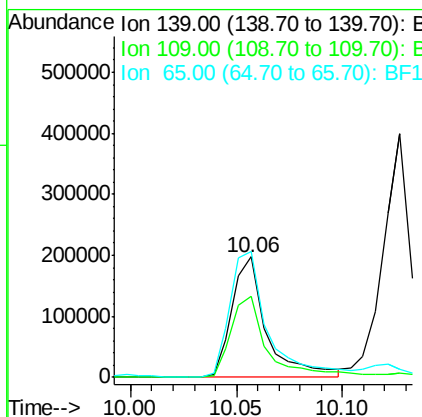
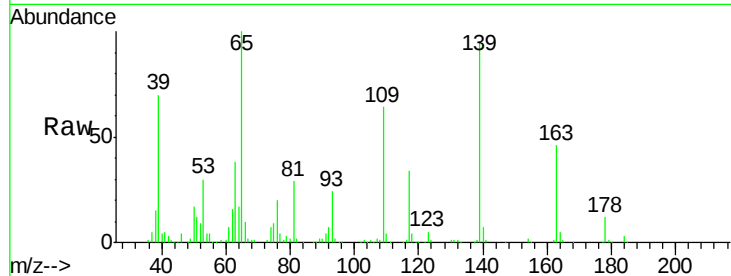
#55
4-Nitrophenol
Concen: 71.640 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampled :
PB106964BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	224835		
109	66.9	48.4	88.4	
65	104.7	72.6	112.6	

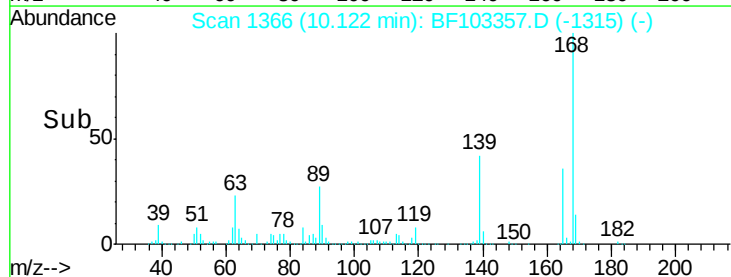
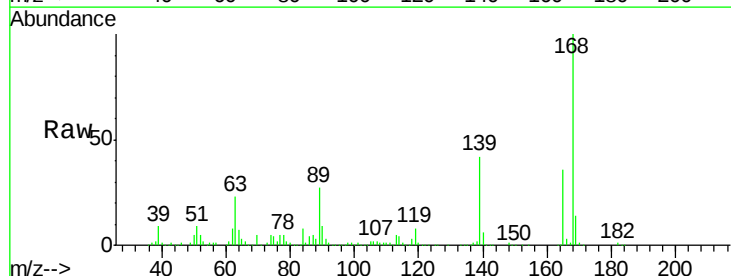
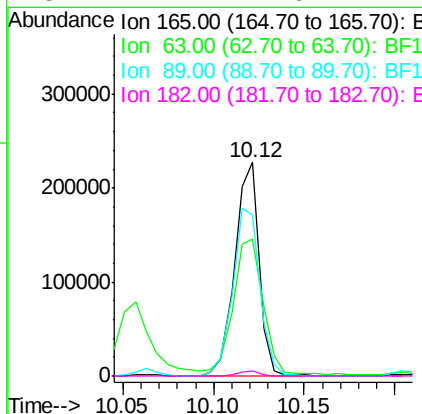
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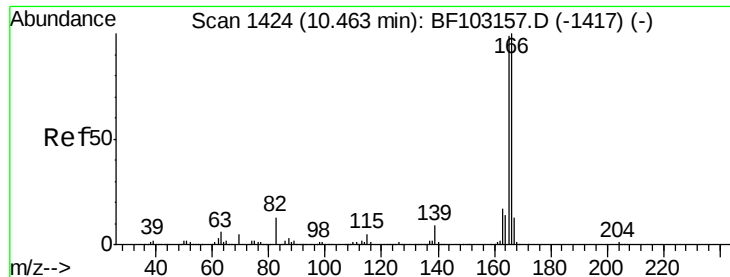
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#56
2,4-Dinitrotoluene
Concen: 42.082 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	212425		
63	64.1	36.4	54.6#	
89	75.6	57.8	86.6	
182	2.1	1.6	2.4	





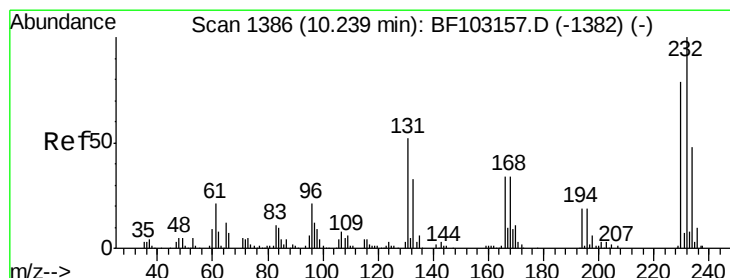
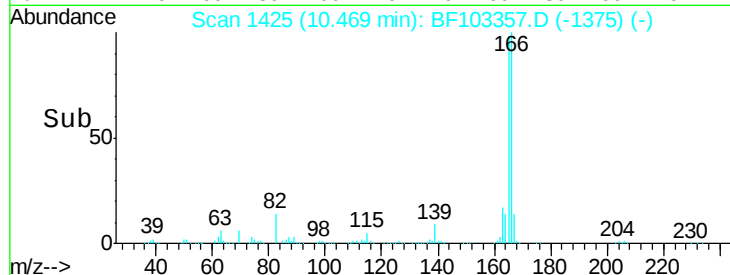
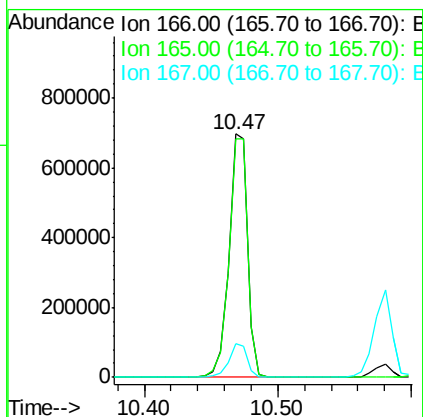
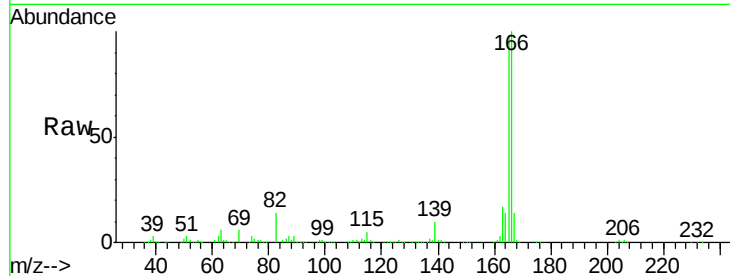
#57
 Fluorene
 Concen: 41.478 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF103357.D
 Acq: 2 Mar 2018 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB106964BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.8	119.8
167	13.6	10.6	16.0

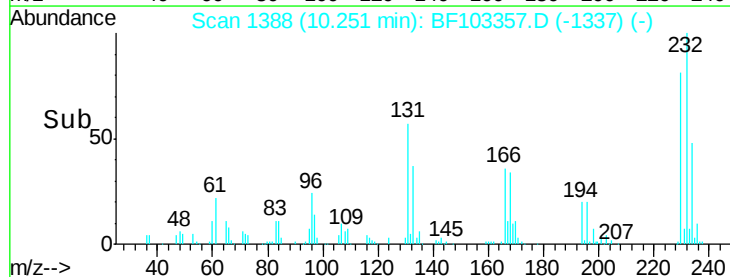
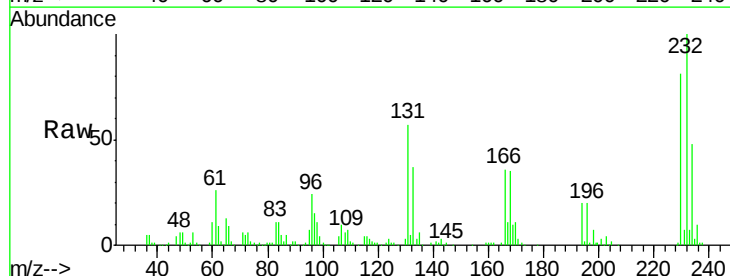
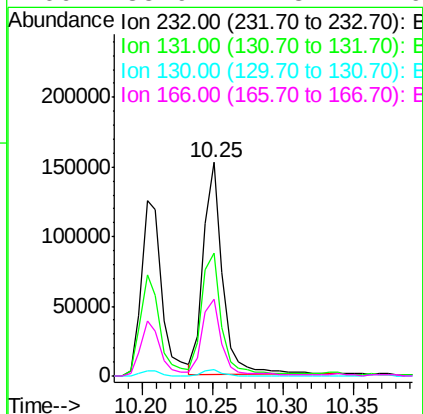
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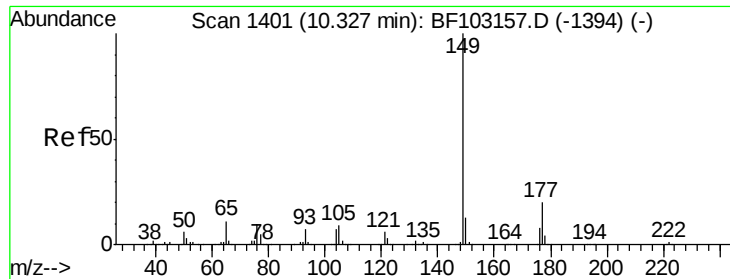
Sohil
 3/5/2018 3:12:53 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.716 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BF103357.D
 Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.5	43.8	65.8
130	2.7	2.1	3.1
166	35.9	27.8	41.6





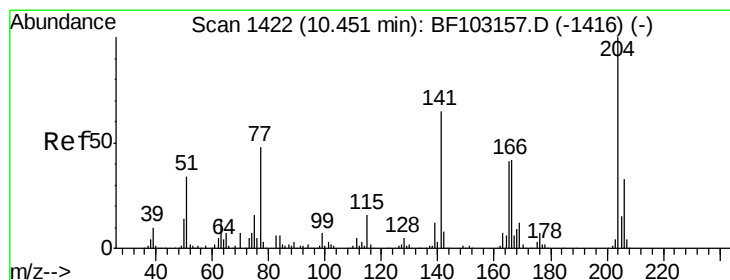
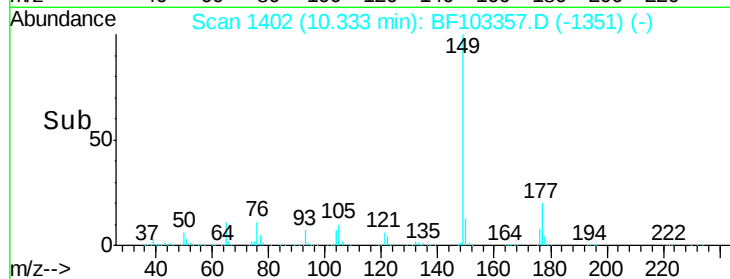
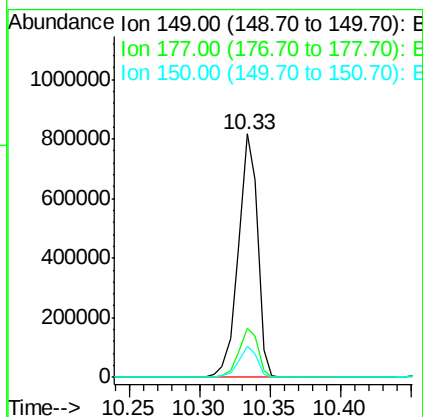
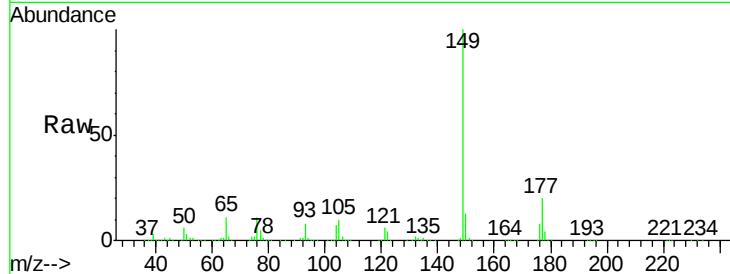
#59
Diethylphthalate
Concen: 42.495 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampled :
PB106964BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.1	24.1
150	12.8	10.1	15.1

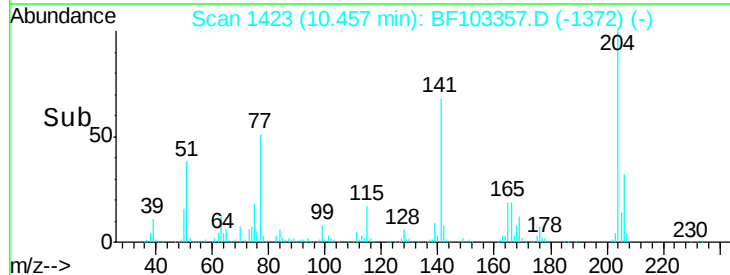
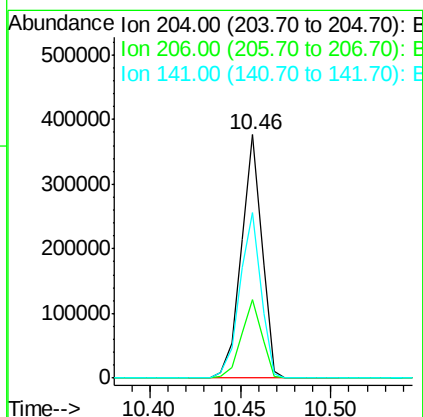
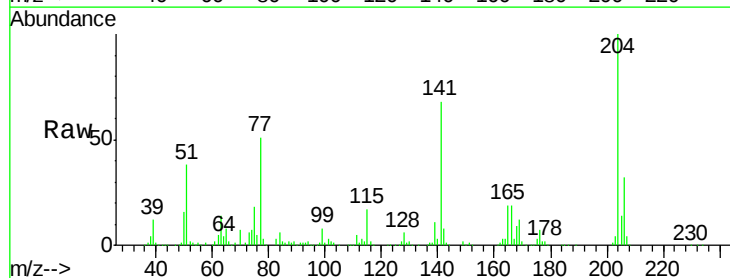
Manual Integrations
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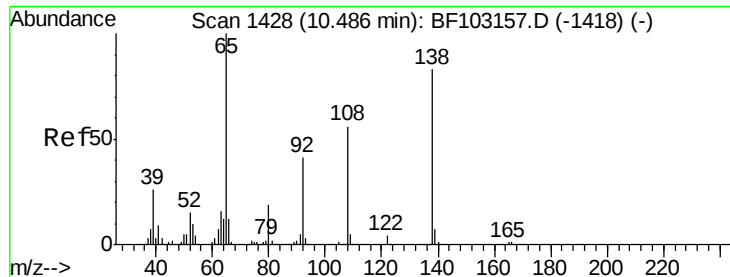
Sohil
3/5/2018 3:12:53 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.565 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	67.8	54.6	81.8





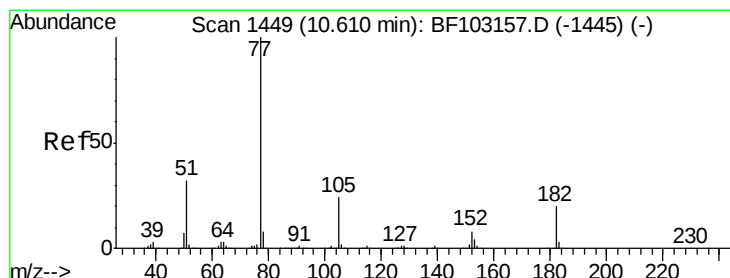
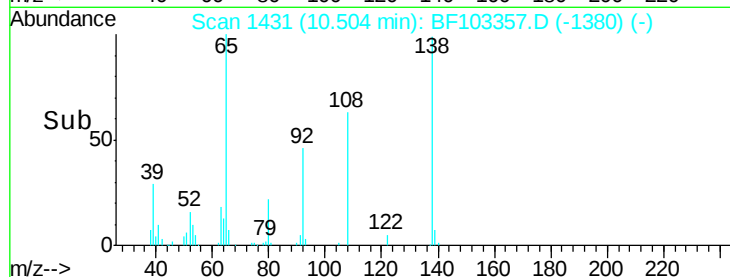
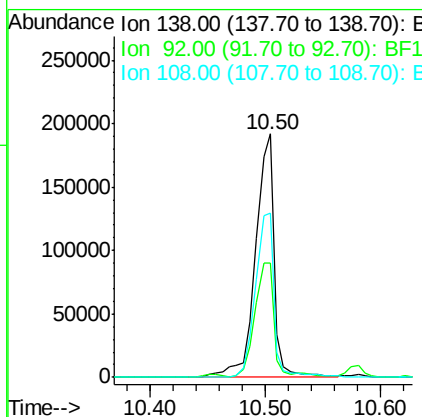
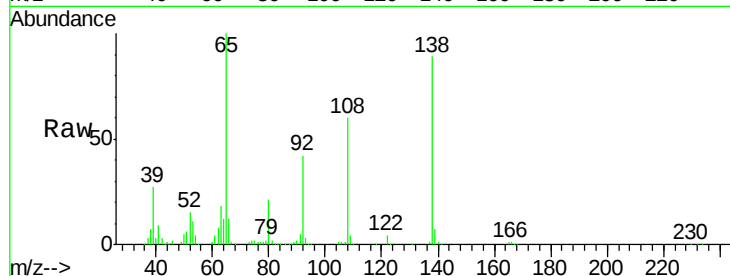
#61
4-Nitroaniline
Concen: 43.186 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampled :
PB106964BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.8	30.2	70.2
108	67.4	52.5	92.5

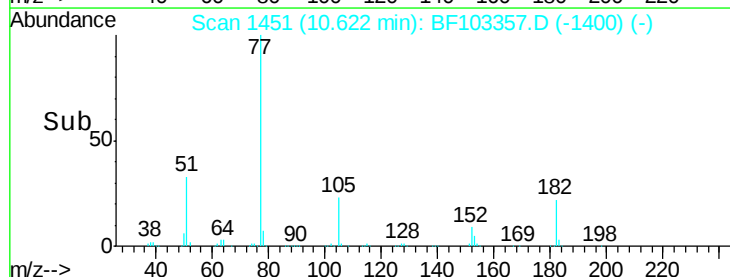
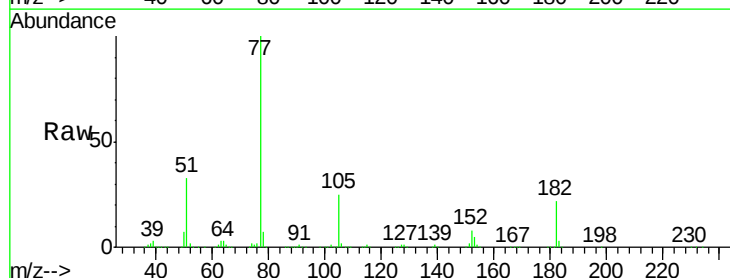
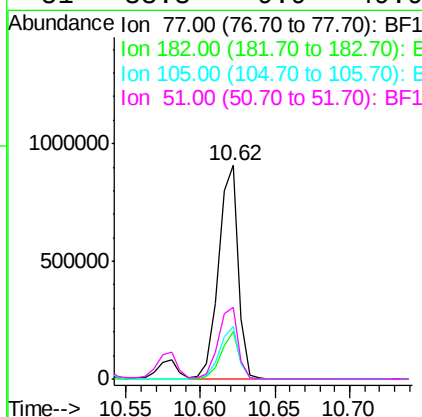
Manual Integrations
APPROVED

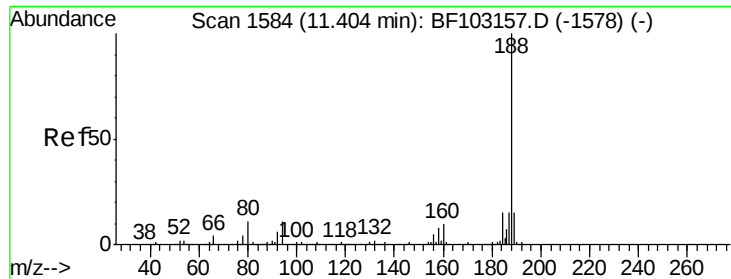
Sohil
3/5/2018 3:12:53 PM



#62
Azobenzene
Concen: 45.352 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	1.7	41.7
105	24.6	3.0	43.0
51	33.3	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Instrument :

BNA_F

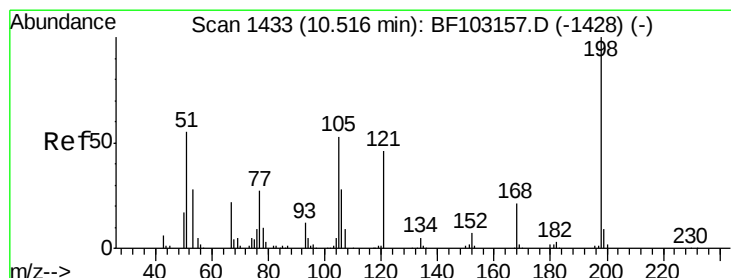
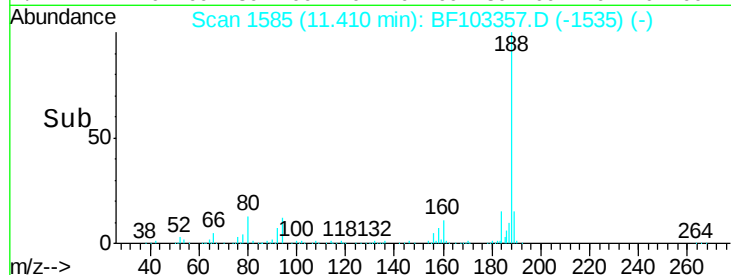
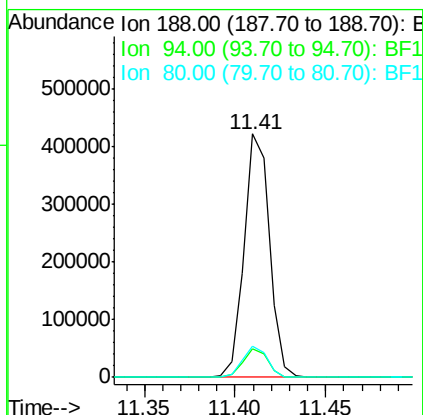
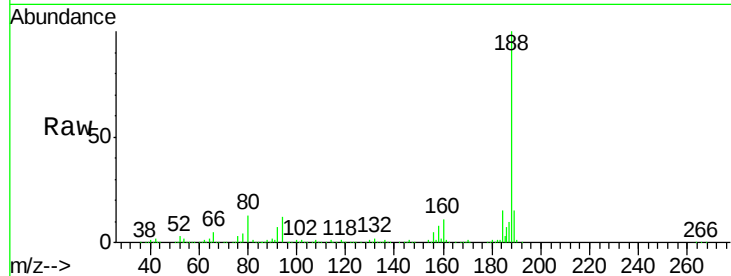
ClientSampleId :

PB106964BS

Tot Ion:188	Resp:	409541
Ion Ratio	Lower	Upper
188 100		
94 12.0	8.5	12.7
80 12.9	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 29.069 ng

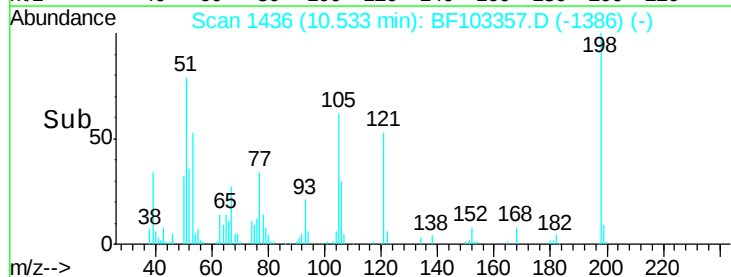
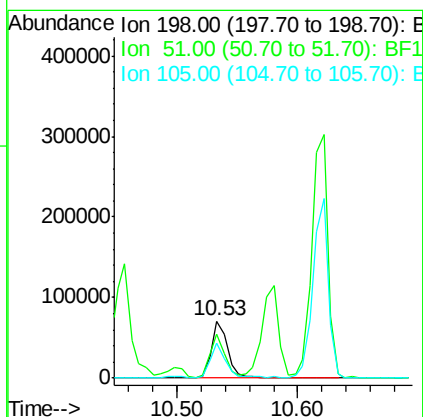
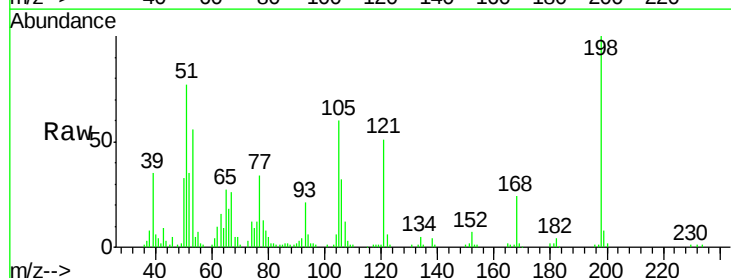
RT: 10.53 min Scan# 1436

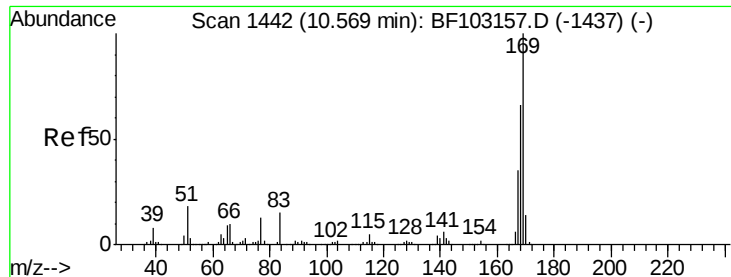
Delta R.T. -0.01 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Tgt Ion:198	Resp:	67018
Ion Ratio	Lower	Upper
198 100		
51 77.1	37.7	77.7
105 60.1	36.3	76.3





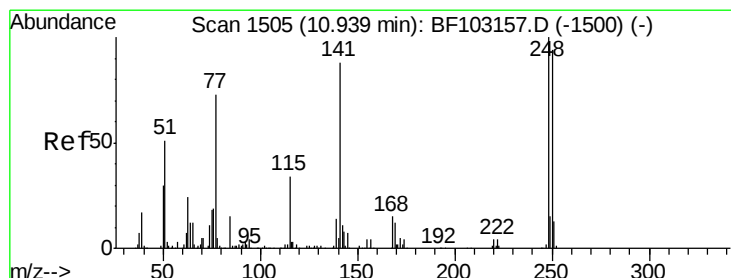
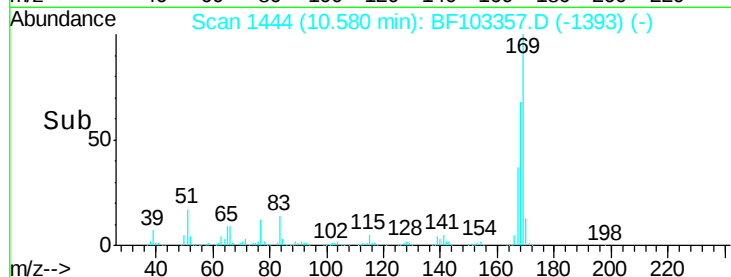
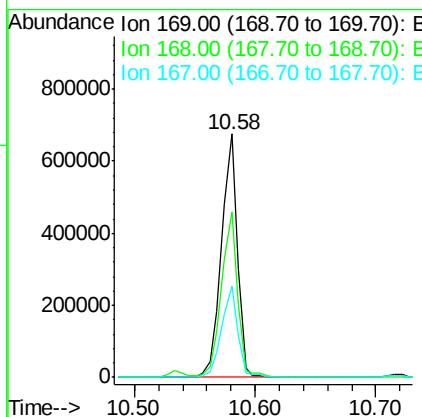
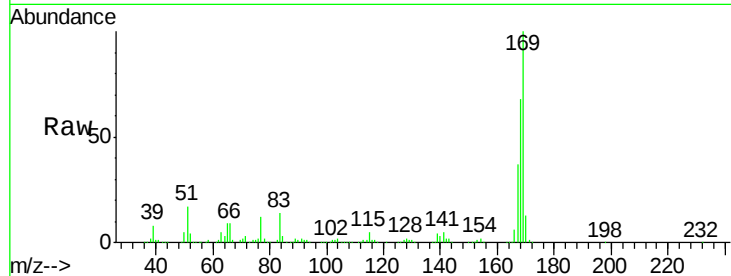
#65
n-Nitrosodiphenylamine
Concen: 42.893 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	611633		
168	68.0		54.4	81.6
167	37.3		29.8	44.6

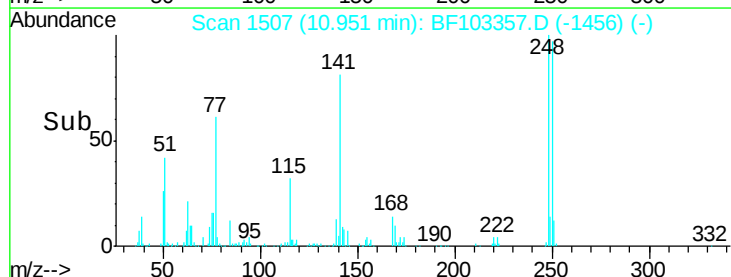
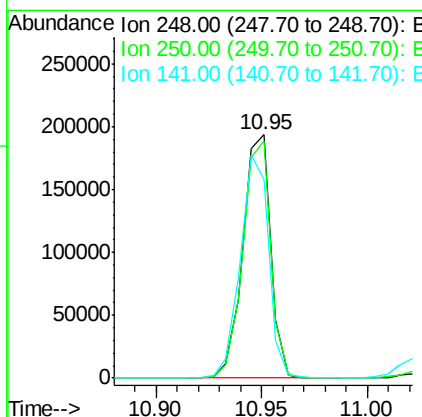
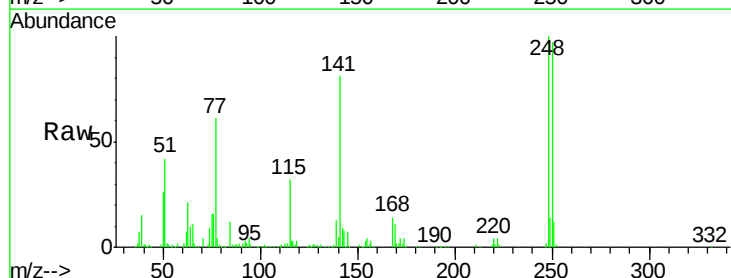
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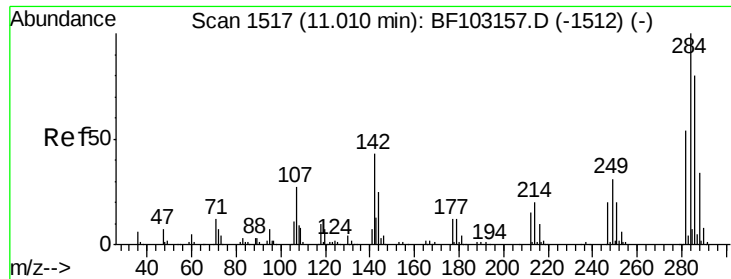
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 41.540 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	177217		
250	97.4		76.9	115.3
141	81.5		74.4	111.6





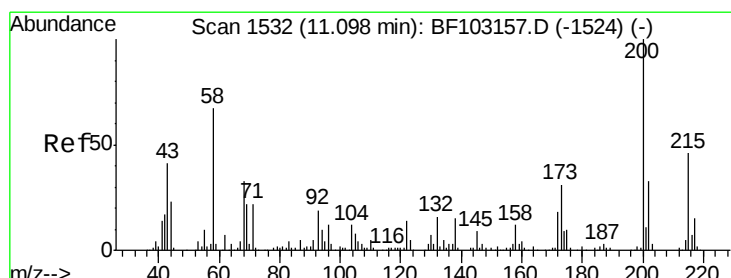
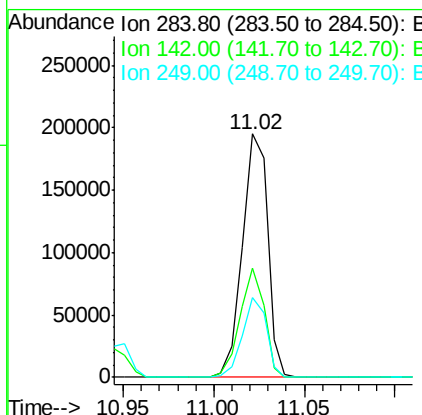
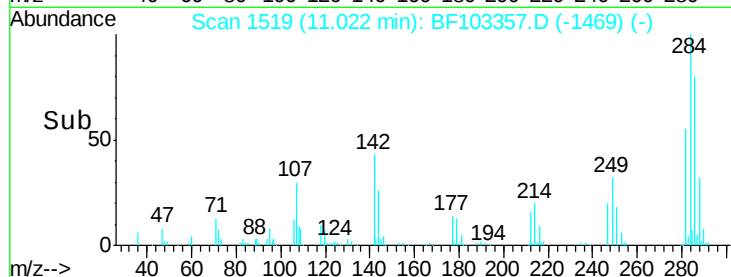
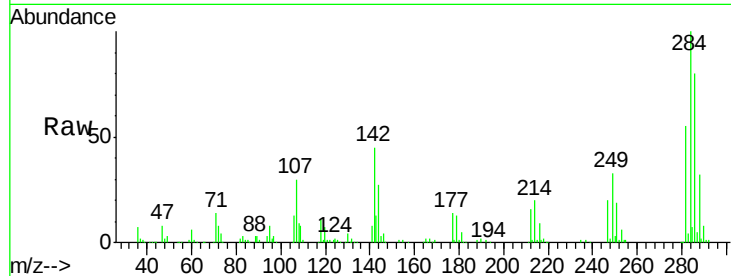
#67
Hexachlorobenzene
Concen: 40.905 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	189410		
142	45.1	34.6	52.0	
249	32.7	24.8	37.2	

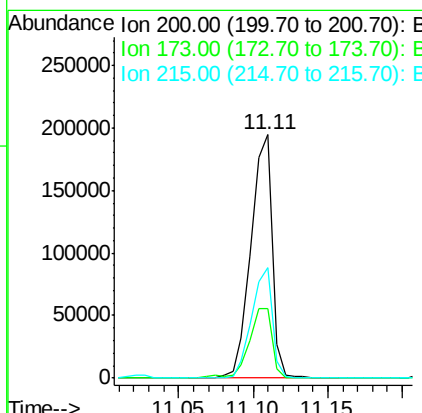
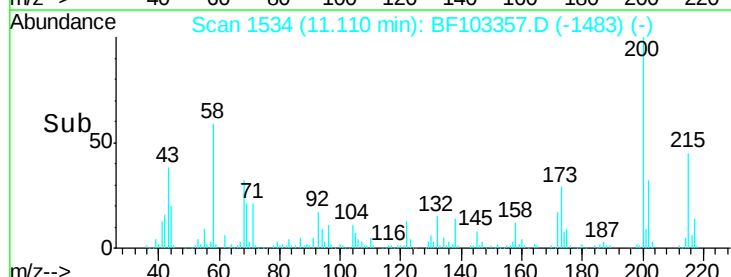
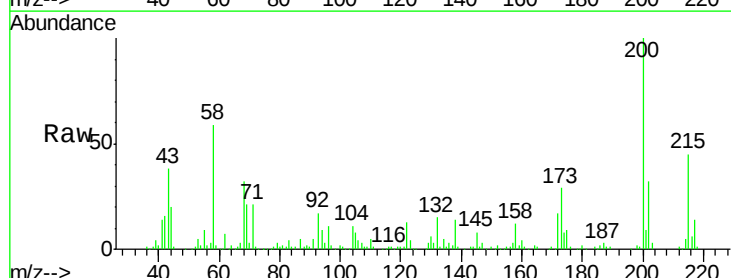
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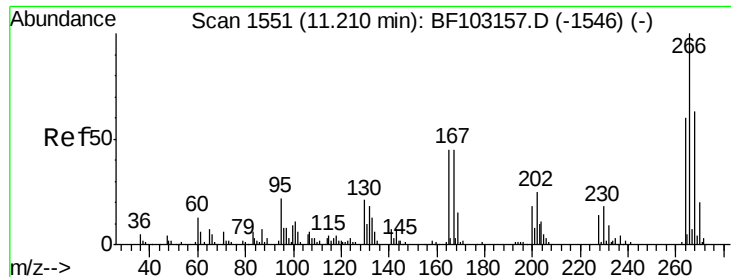
Sohil
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#68
Atrazine
Concen: 44.623 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	191255		
173	28.7	8.6	48.6	
215	45.2	25.1	65.1	





#69

Pentachlorophenol

Concen: 59.577 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Instrument :

BNA_F

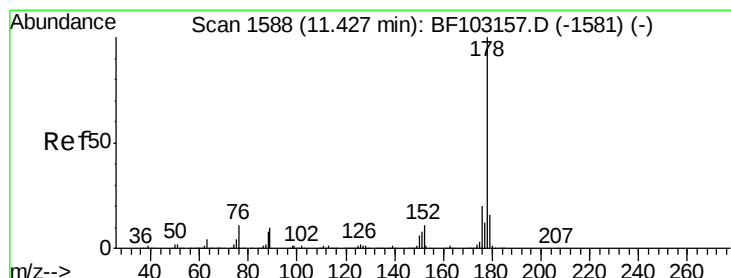
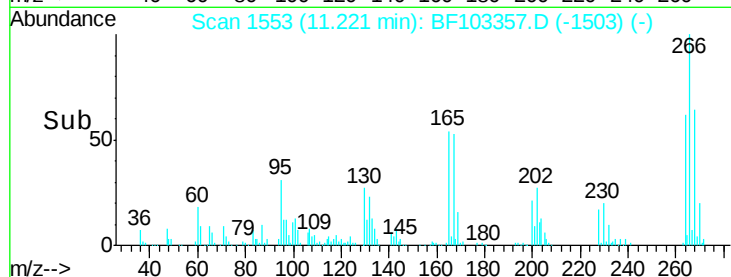
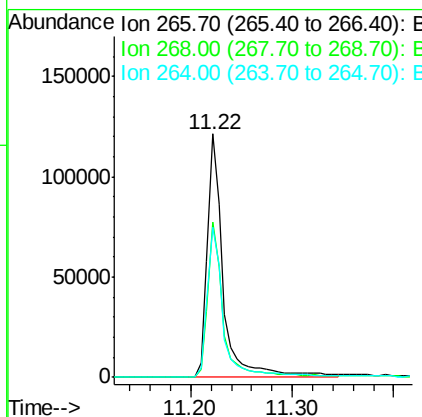
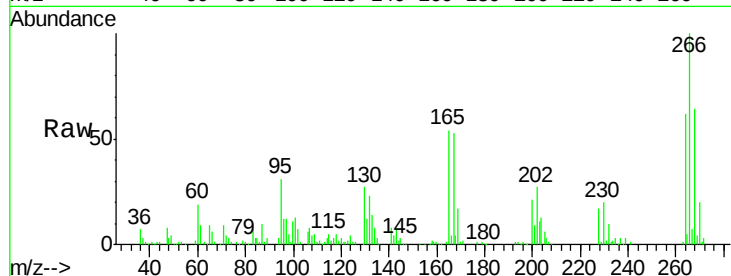
ClientSampleId :

PB106964BS

Tot Ion:	266	Resp:	133389
Ion Ratio	Lower	Upper	
266	100		
268	64.0	51.1	76.7
264	61.8	49.5	74.3

Manual Integrations
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3/5/2018 3:12:53 PM



#70

Phenanthrene

Concen: 41.700 ng

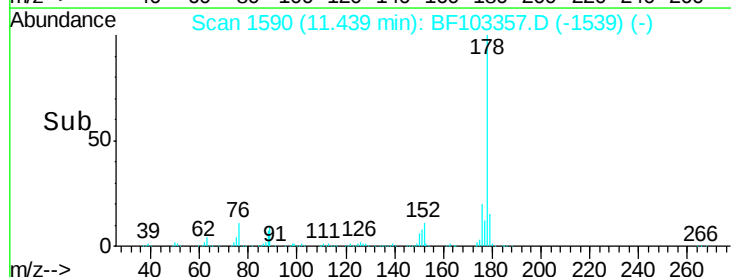
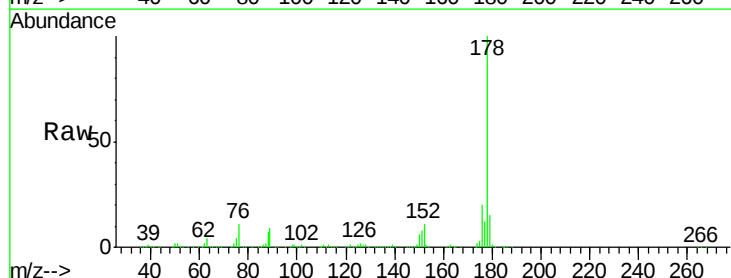
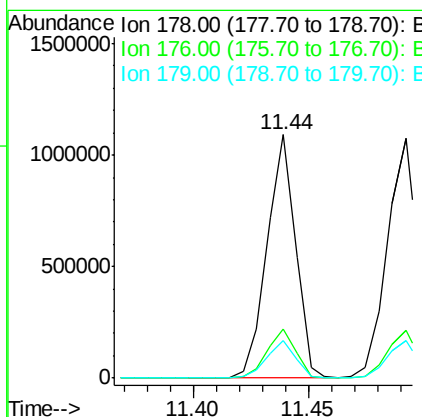
RT: 11.44 min Scan# 1590

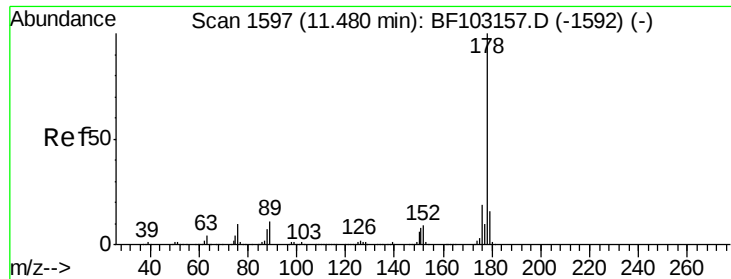
Delta R.T. -0.00 min

Lab File: BF103357.D

Acq: 2 Mar 2018 11:05

Tgt Ion:	178	Resp:	939843
Ion Ratio	Lower	Upper	
178	100		
176	20.0	15.8	23.8
179	15.4	13.0	19.6





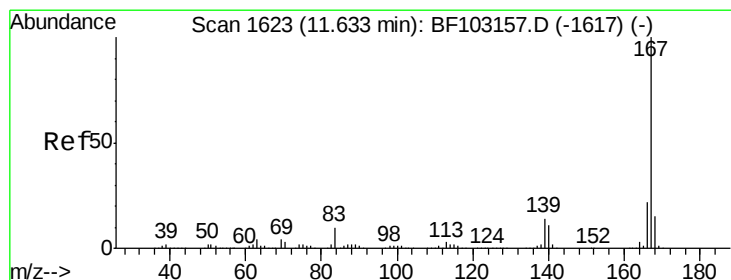
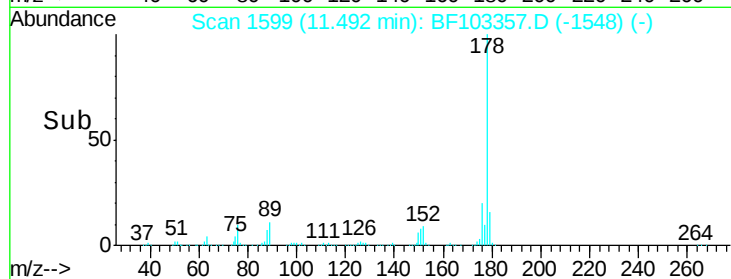
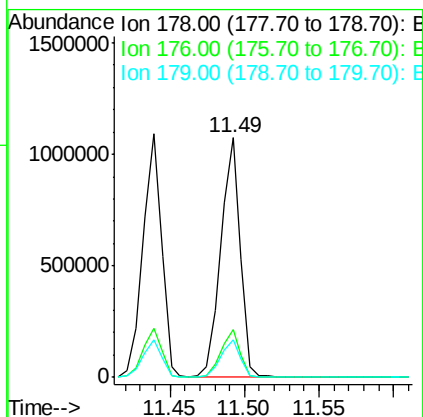
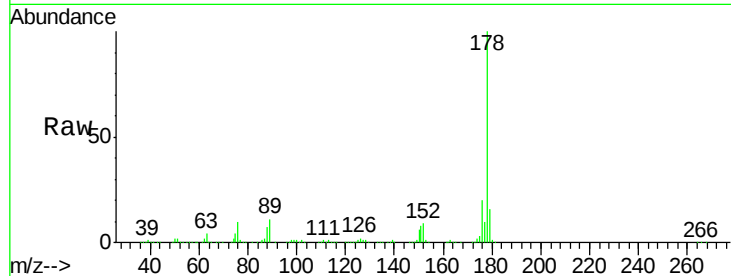
#71
 Anthracene
 Concen: 42.867 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BF103357.D
 Acq: 2 Mar 2018 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB106964BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
176	19.8	15.4	23.2		
179	15.9	12.6	19.0		

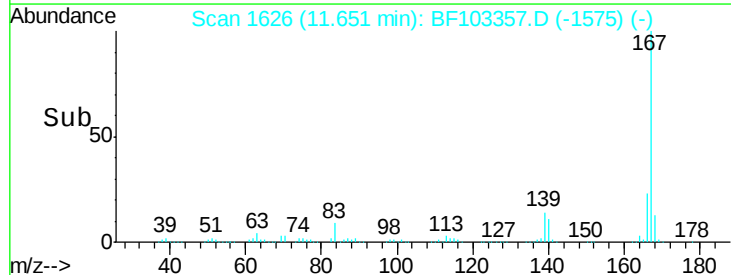
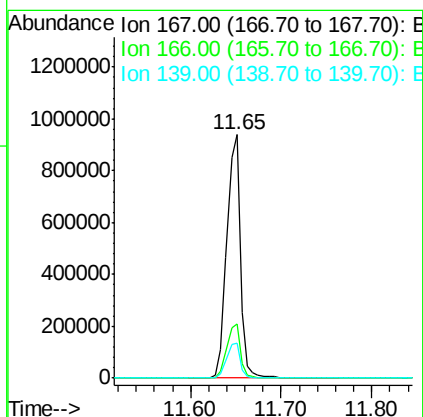
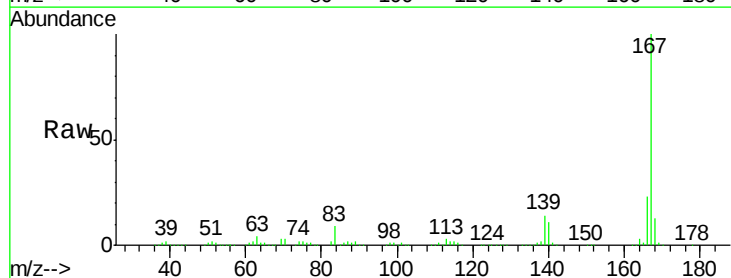
Manual Integrations
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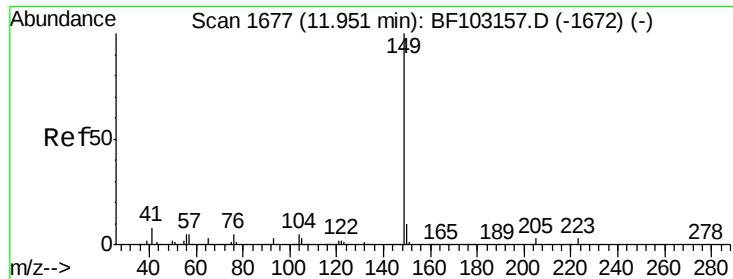
Sohil
 3/5/2018 3:12:53 PM



#72
 Carbazole
 Concen: 42.204 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BF103357.D
 Acq: 2 Mar 2018 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	22.5	17.6	26.4		
139	14.3	10.9	16.3		





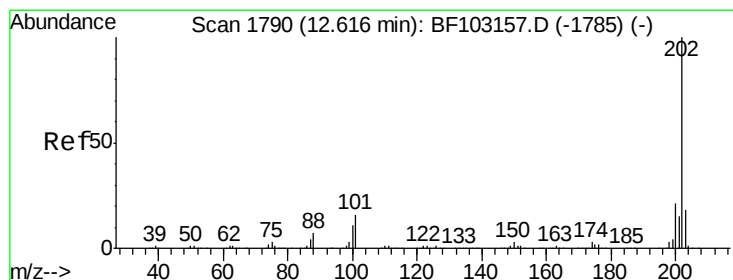
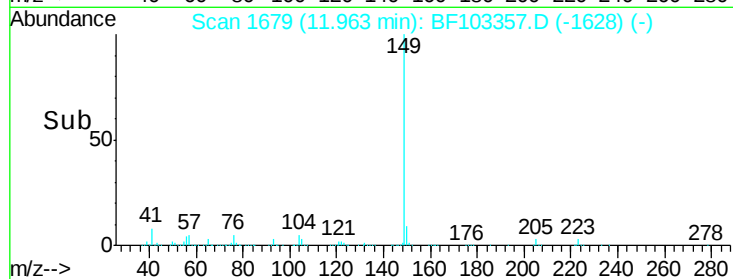
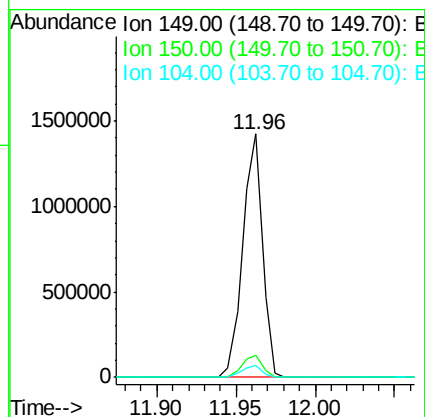
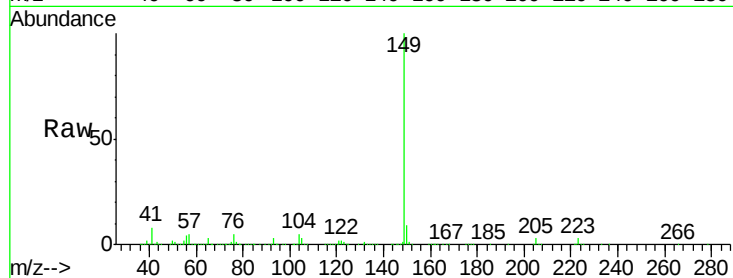
#73
Di-n-butylphthalate
Concen: 42.627 ng
RT: 11.96 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	5.0	3.8	5.8

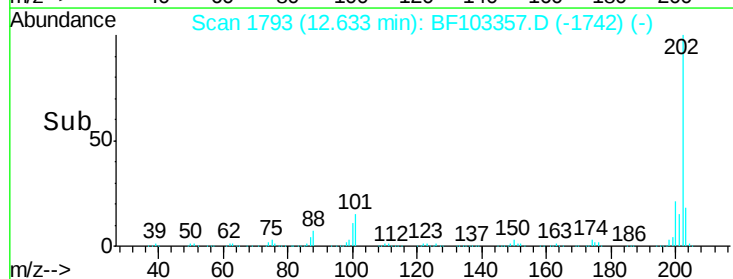
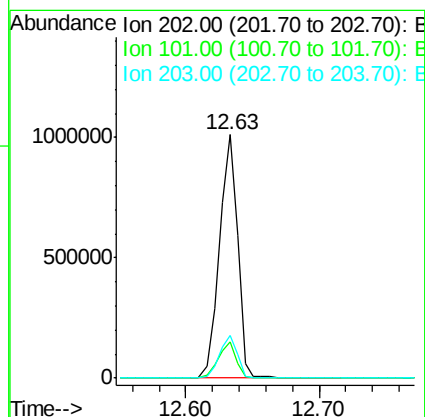
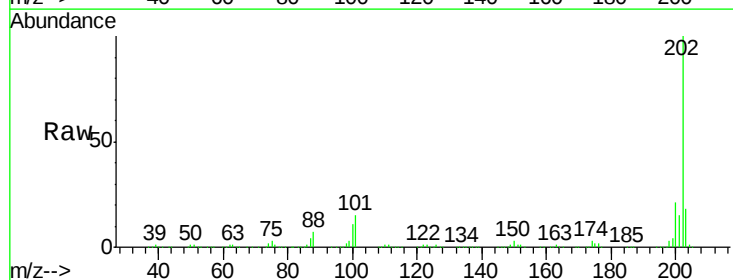
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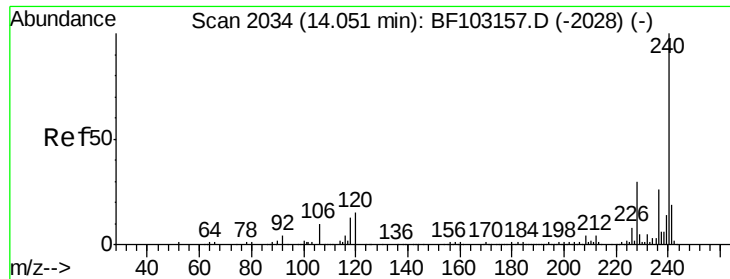
Sohil
3/5/2018 3:12:53 PM



#74
Fluoranthene
Concen: 43.144 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	34.1
203	17.7	0.0	38.1





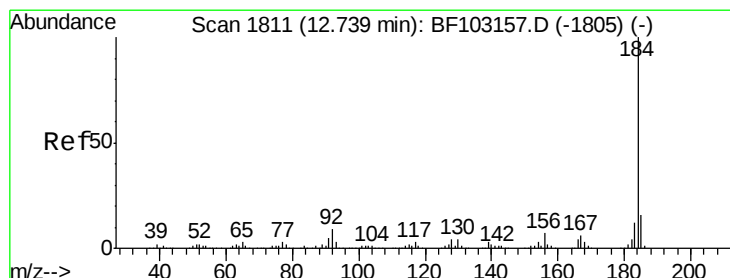
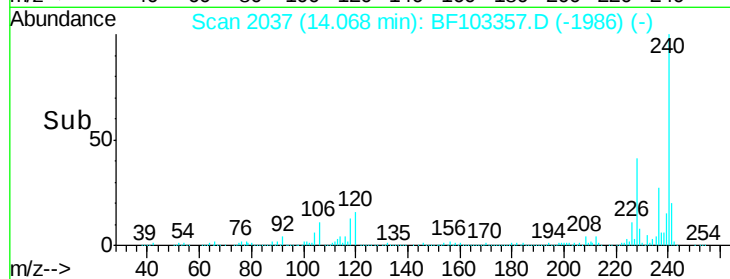
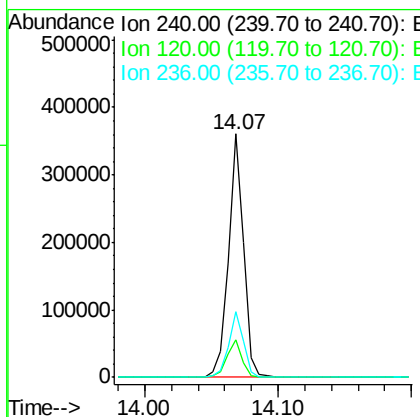
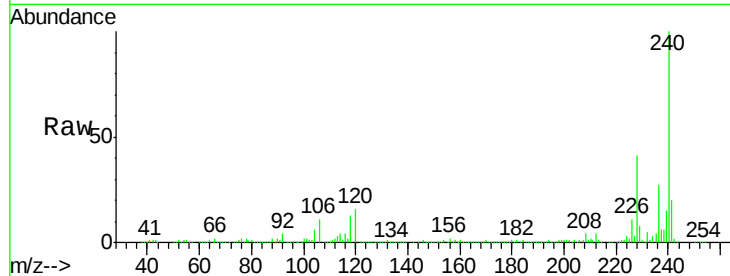
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.5	9.5	14.3
236	27.2	20.7	31.1

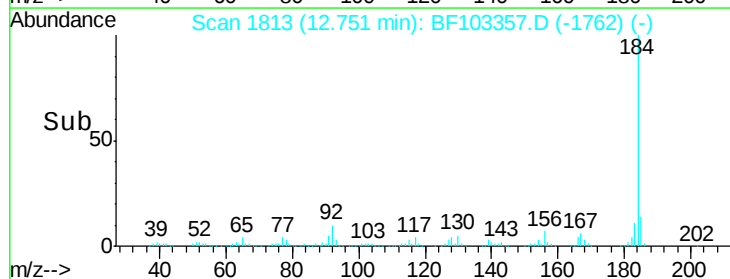
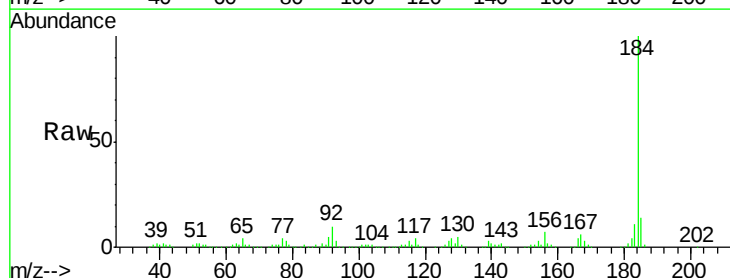
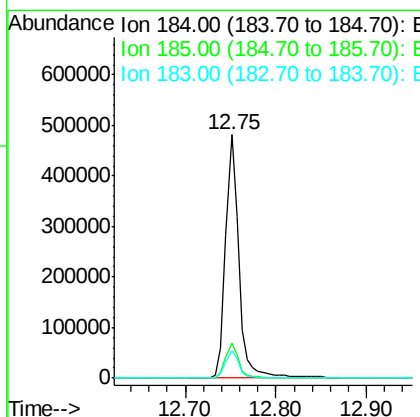
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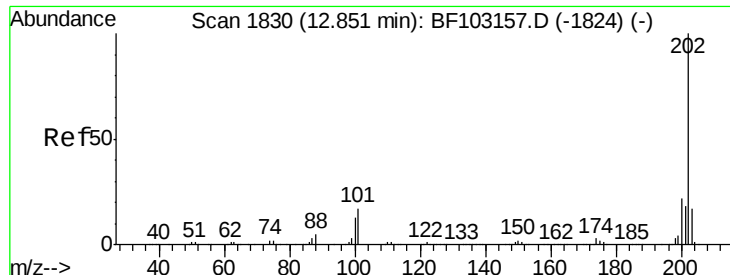
Sohil
3/5/2018 3:12:53 PM



#76
Benzidine
Concen: 45.063 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.6	18.8
183	11.3	9.3	13.9





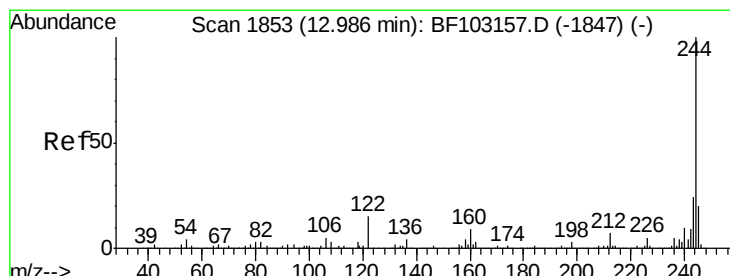
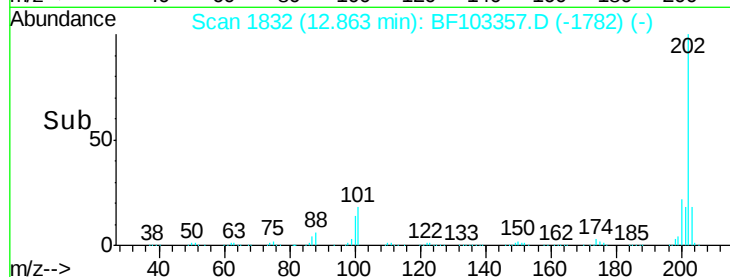
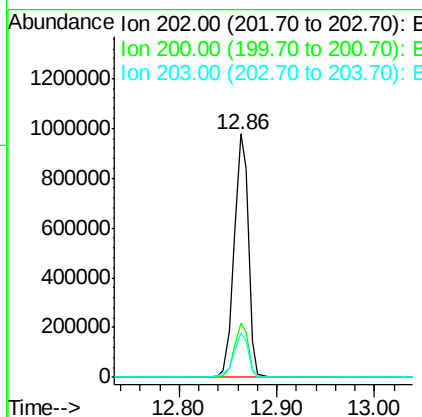
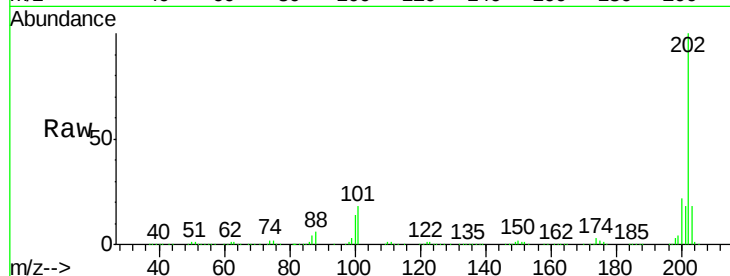
#77
Pvrene
Concen: 43.969 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.2	14.3	21.5

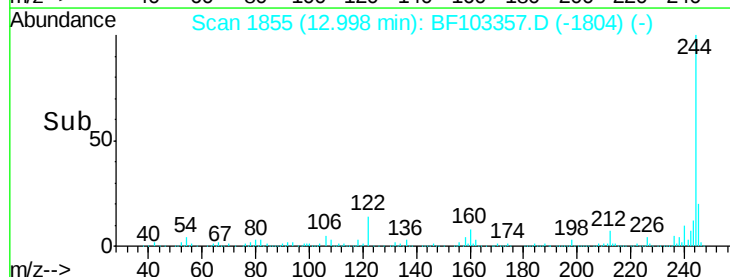
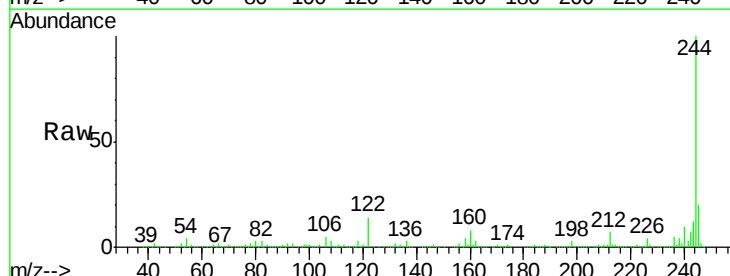
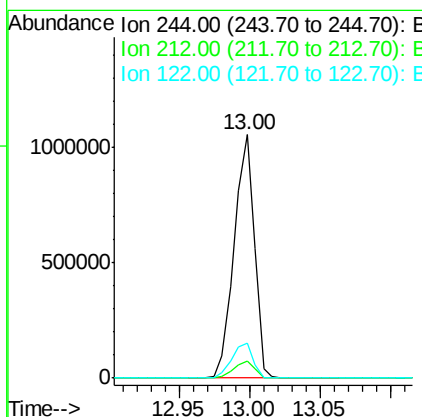
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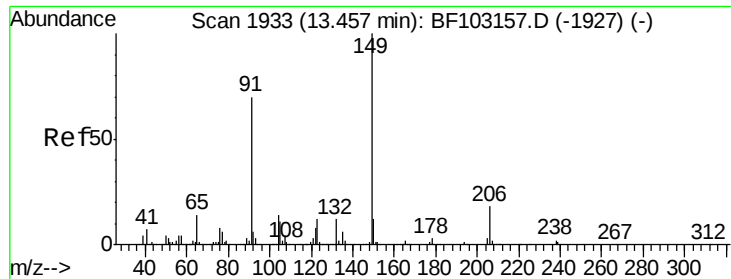
Sohil
3/5/2018 3:12:53 PM



#78
Terphenyl-d14
Concen: 87.945 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.2	11.0	16.4





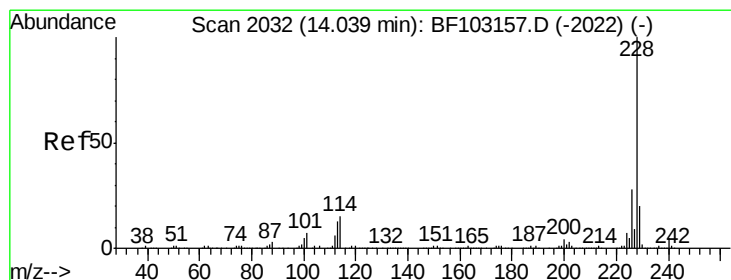
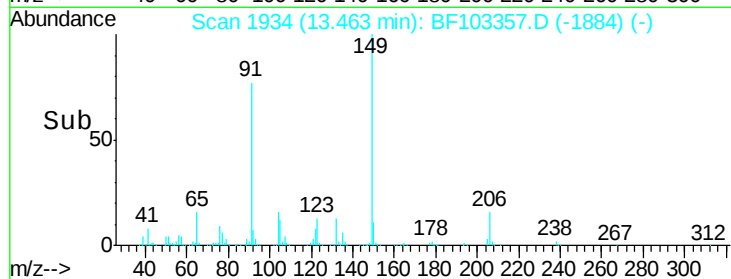
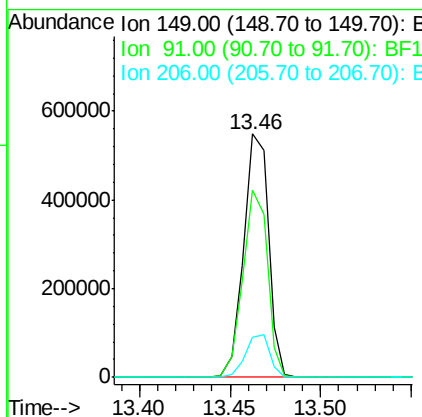
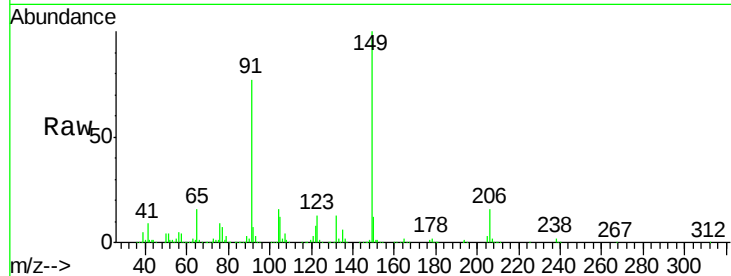
#79
Butylbenzylphthalate
Concen: 44.373 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.8	56.8	85.2
206	16.2	14.1	21.1

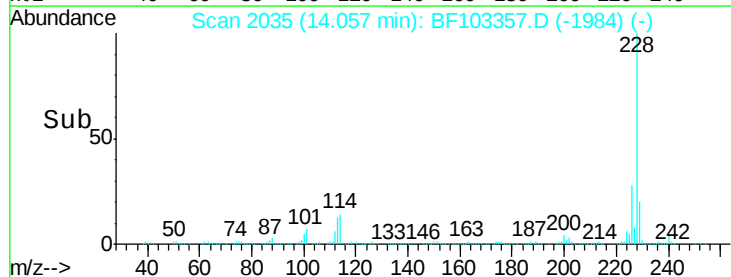
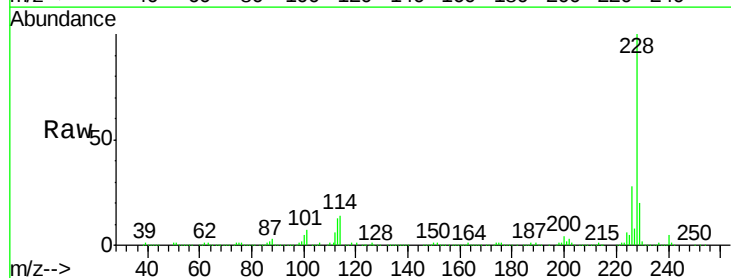
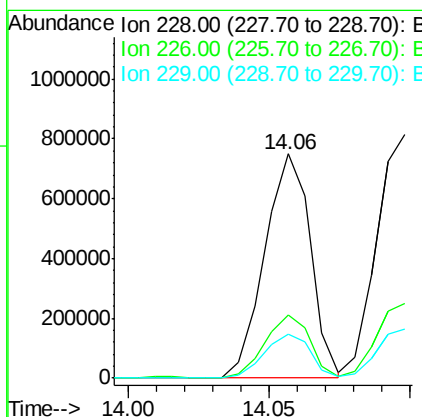
Manual Integrations
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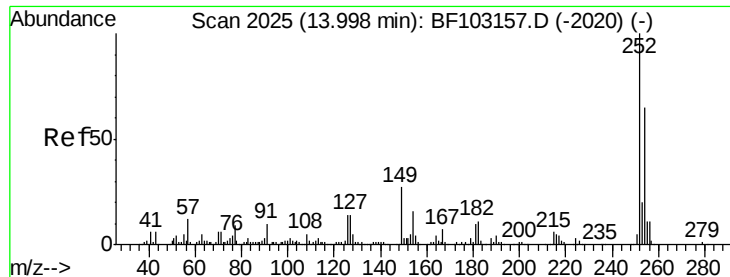
Sohil
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#80
Benzo(a)anthracene
Concen: 45.053 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.7	15.8	23.6





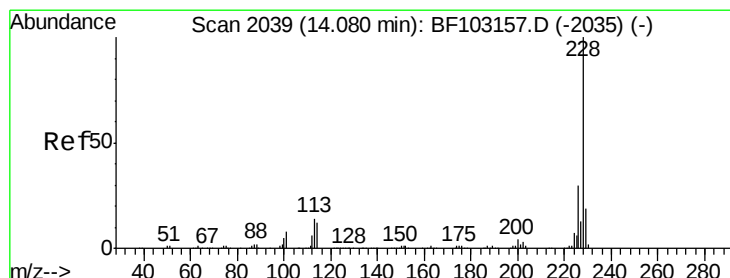
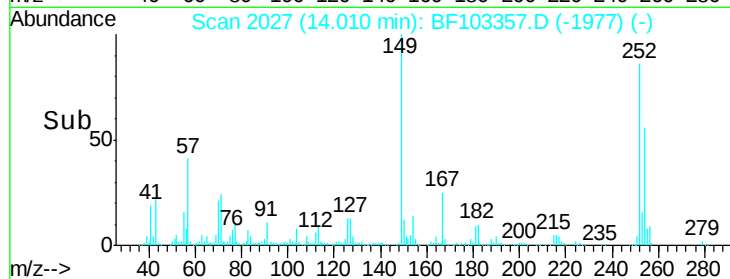
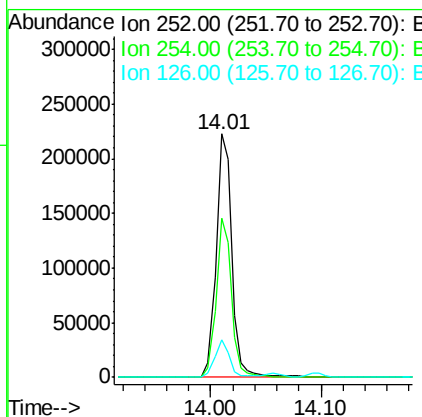
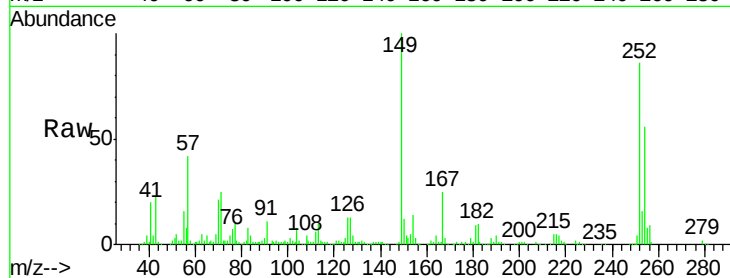
#81
 3,3'-Dichlorobenzidine
 Concen: 32.882 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF103357.D
 Acq: 2 Mar 2018 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB106964BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.3	50.4	75.6
126	15.2	11.3	16.9

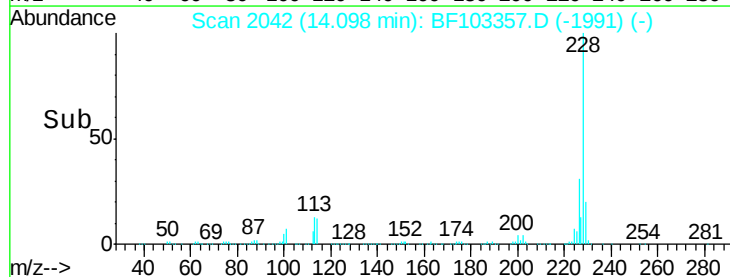
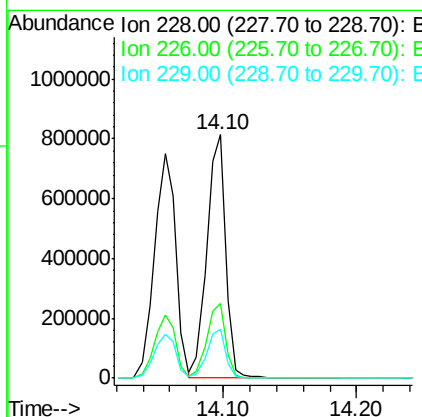
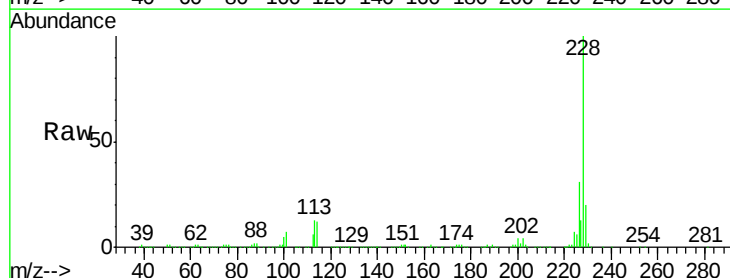
Manual Integrations
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#82
 Chrysene
 Concen: 44.055 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF103357.D
 Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.1	16.2	24.4





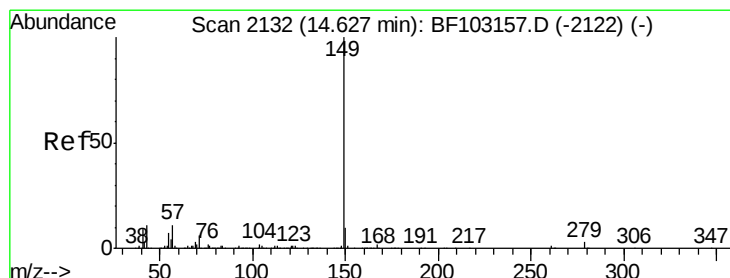
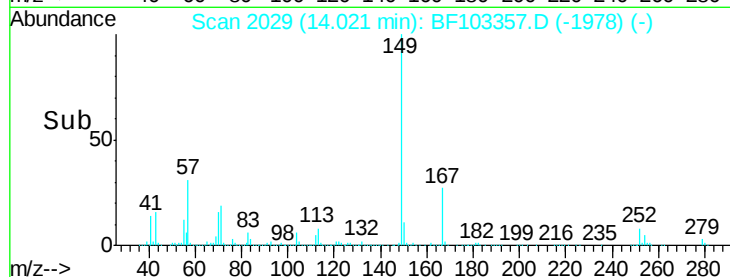
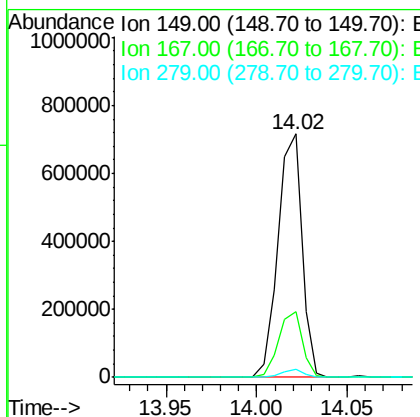
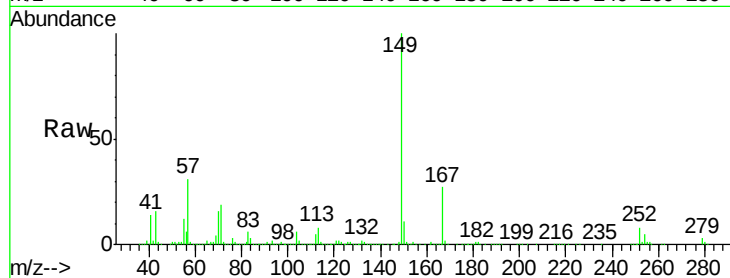
#83
Bis(2-ethylhexyl)phthalate
Concen: 41.435 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.2	3.0	4.4

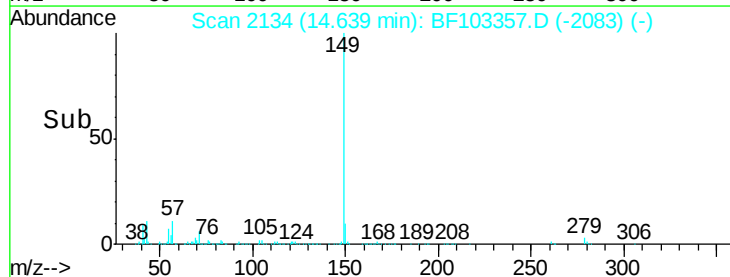
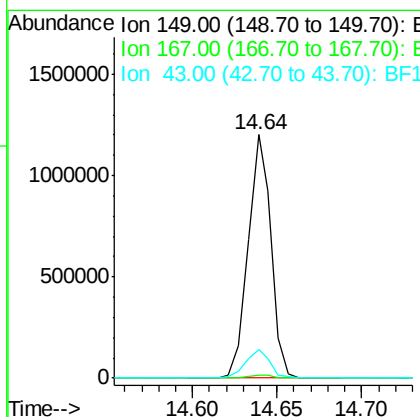
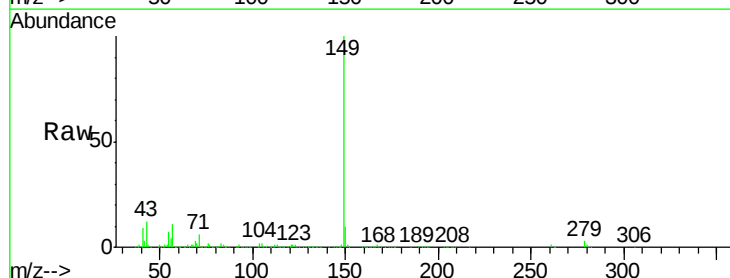
Manual Integrations
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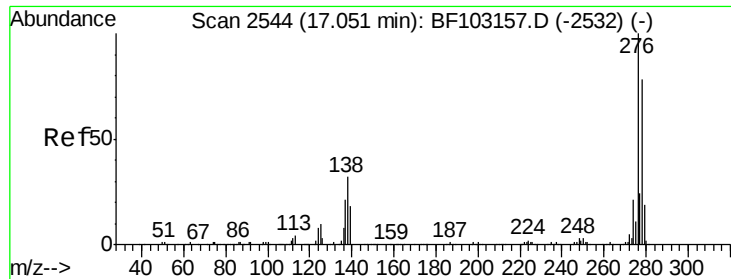
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#84
Di-n-octyl phthalate
Concen: 43.821 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.4	8.4	12.6





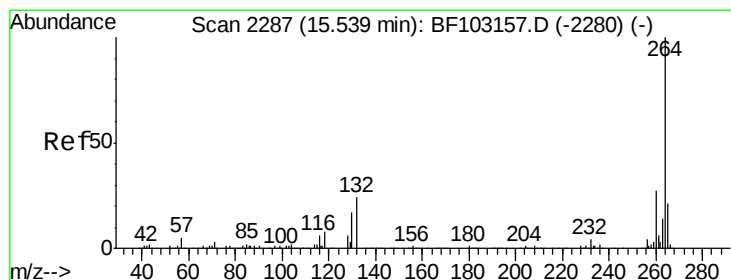
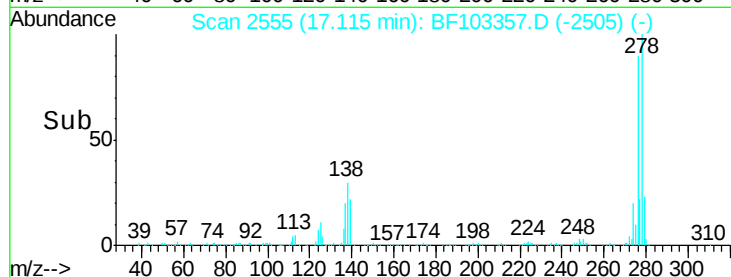
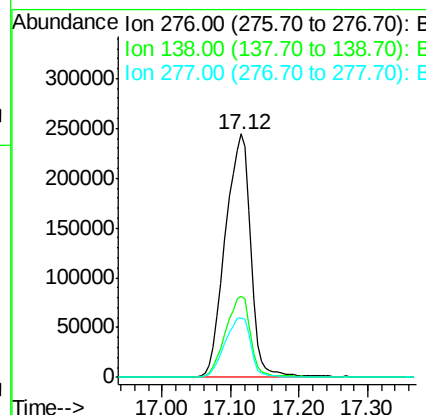
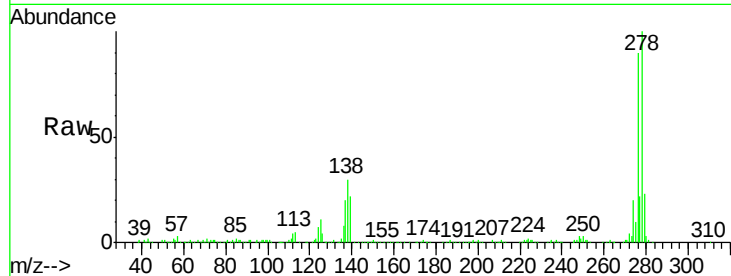
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.799 ng
RT: 17.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.1	25.0	37.6
277	25.3	20.1	30.1

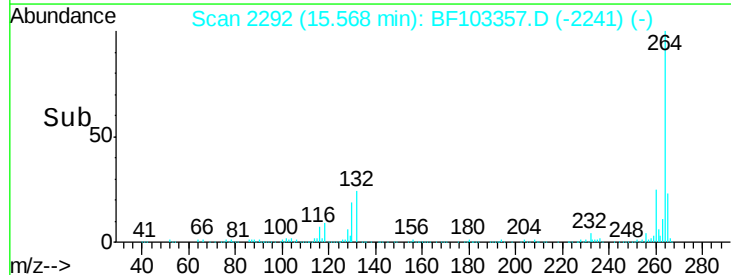
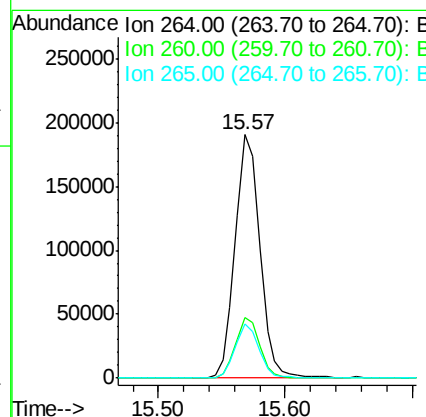
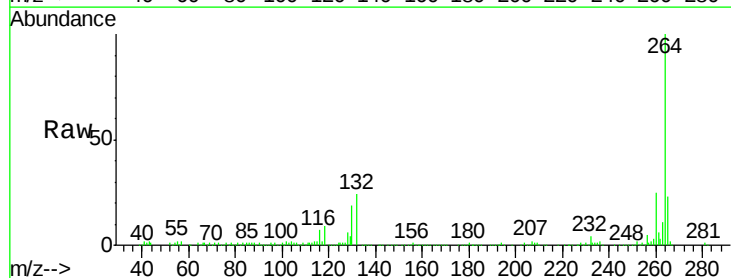
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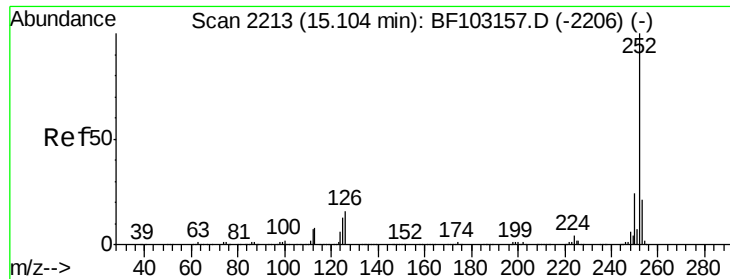
Sohil
3/5/2018 3:12:53 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.5	17.5	26.3





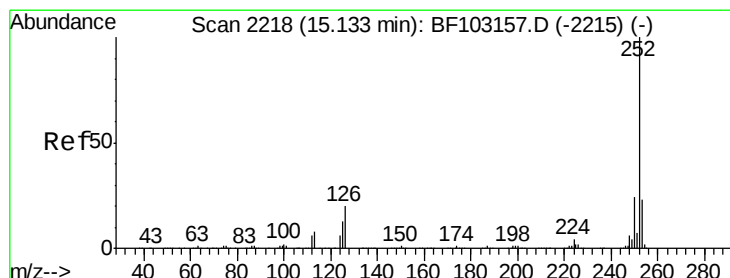
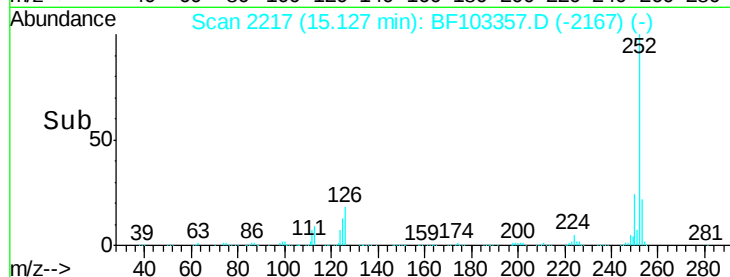
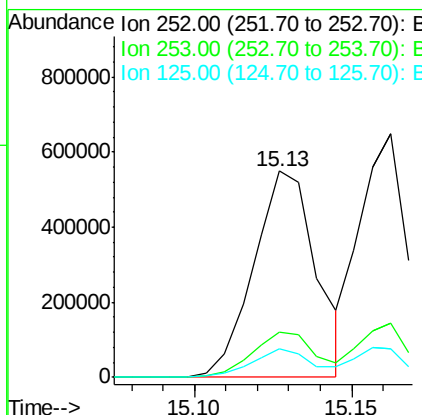
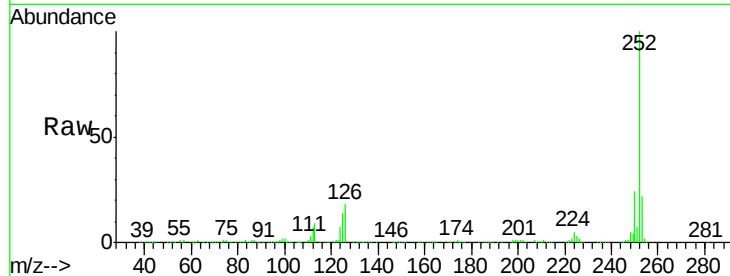
#87
Benzo(b)fluoranthene
Concen: 44.917 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	13.6	9.0	13.6

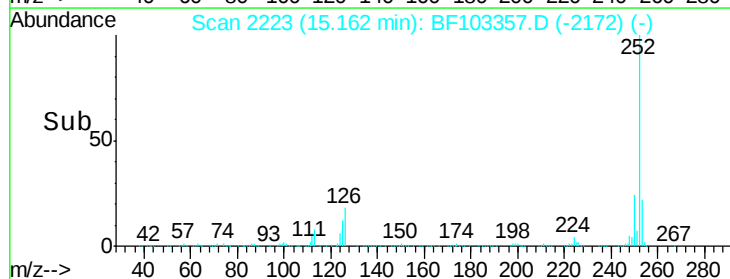
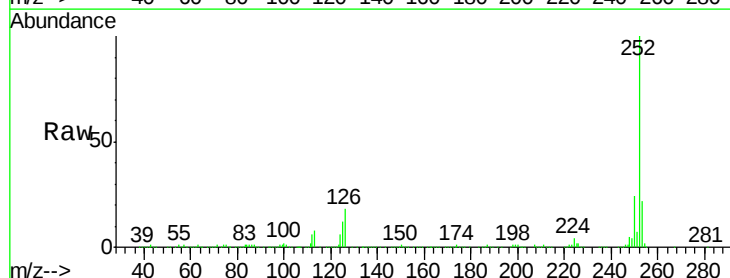
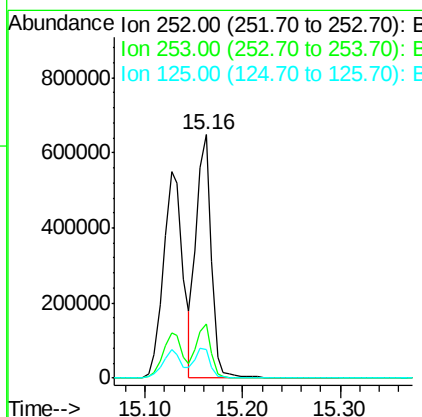
Manual Integrations
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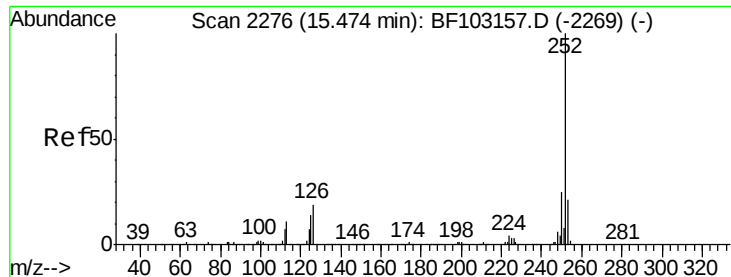
Sohil
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#88
Benzo(k)fluoranthene
Concen: 43.623 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	11.7	10.2	15.2





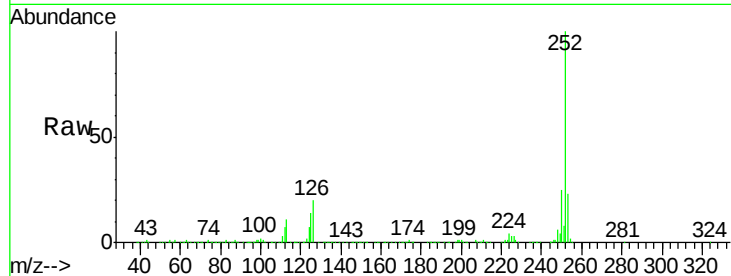
#89
Benzo(a)pyrene
Concen: 45.086 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Instrument :
BNA_F
ClientSampleId :
PB106964BS

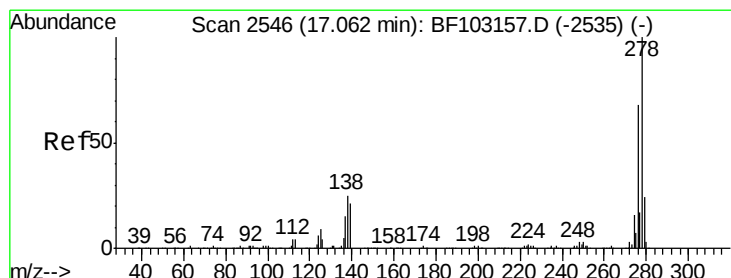
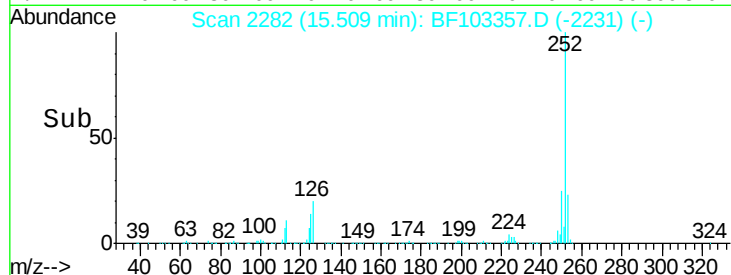
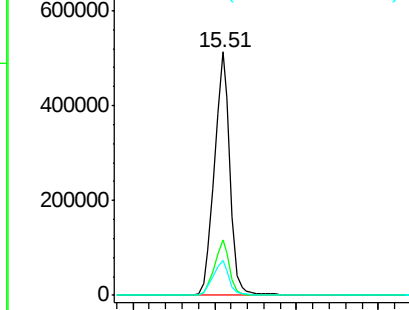
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	14.3	9.8	14.6

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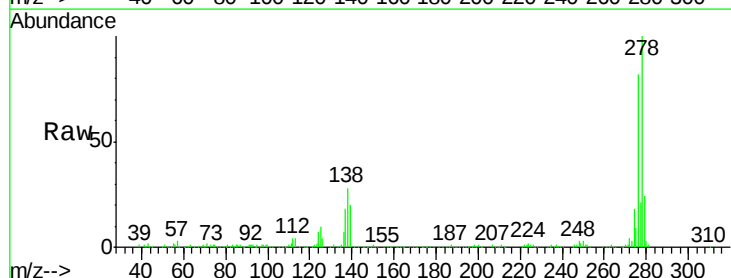


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

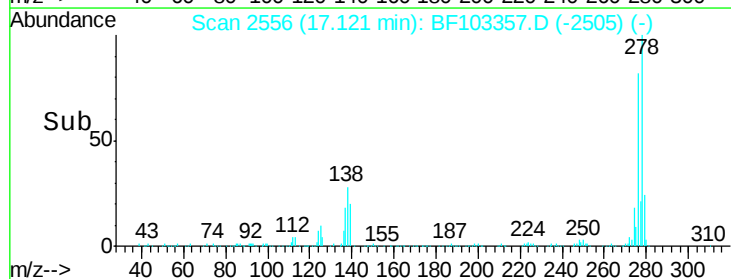
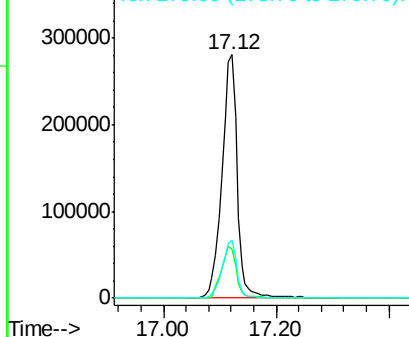


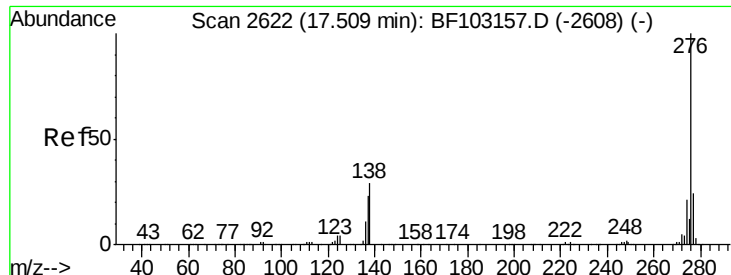
#90
Dibenzo(a,h)anthracene
Concen: 45.235 ng
RT: 17.12 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BF103357.D
Acq: 2 Mar 2018 11:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.9	23.9
279	24.1	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 47.285 ng
 RT: 17.58 min Scan# 2634
 Delta R.T. -0.00 min
 Lab File: BF103357.D
 Acq: 2 Mar 2018 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB106964BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.2	17.9	26.9
138	27.4	21.8	32.8

Manual Integrations
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