

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107578.D
 Acq On : 21 Jul 2018 16:01
 Operator : JU/SJ
 Sample : PB111309BSD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Manual Integrations
 APPROVED

Sohil
 7/23/2018 12:45:06 PM

Quant Time: Jul 23 05:12:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	295550	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1109647	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	452797	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	797096	20.00	ng	0.00
75) Chrysene-d12	14.17	240	646812	20.00	ng	0.00
86) Perylene-d12	15.69	264	577727	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1592528	86.63	ng	0.00
7) Phenol-d6	6.61	99	1863500	84.43	ng	0.00
23) Nitrobenzene-d5	7.54	82	1726751	105.02	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	482673	93.74	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	2813068	118.20	ng	0.00
78) Terphenyl-d14	13.10	244	2273922	90.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	277347	32.416	ng	# 85
3) Pyridine	3.66	79	769132	33.044	ng	87
4) n-Nitrosodimethylamine	3.63	42	381838	38.896	ng	97
6) Aniline	6.64	93	798836	28.061	ng	# 87
8) 2-Chlorophenol	6.77	128	837019	42.501	ng	98
9) Benzaldehyde	6.52	77	363239	24.370	ng	98
10) Phenol	6.62	94	1010545	38.929	ng	97
11) bis(2-Chloroethyl)ether	6.71	93	827716	38.461	ng	92
12) 1,3-Dichlorobenzene	6.91	146	880708	39.443	ng	97
13) 1,4-Dichlorobenzene	6.99	146	917686	40.099	ng	99
14) 1,2-Dichlorobenzene	7.15	146	819836	39.918	ng	99
15) Benzyl Alcohol	7.12	79	659625	43.850	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1356691	37.367	ng	88
17) 2-Methylphenol	7.22	107	710314	42.436	ng	96
18) Hexachloroethane	7.48	117	289554	36.072	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	565905	39.688	ng	99
20) 3+4-Methylphenols	7.38	107	878994	44.224	ng	# 72
22) Acetophenone	7.38	105	1155997	44.359	ng	# 90
24) Nitrobenzene	7.56	77	872235	46.316	ng	98
25) Isophorone	7.80	82	1580949	45.032	ng	98
26) 2-Nitrophenol	7.87	139	436913	54.938	ng	96
27) 2,4-Dimethylphenol	7.91	122	744713	49.470	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	1027292	43.786	ng	99
29) 2,4-Dichlorophenol	8.12	162	700156	45.505	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	721015	41.722	ng	99
31) Naphthalene	8.28	128	2245149	46.011	ng	97
32) Benzoic acid	8.03	122	432272	42.262	ng	96
33) 4-Chloroaniline	8.34	127	251560	11.795	ng	98
34) Hexachlorobutadiene	8.39	225	420844	40.983	ng	99
35) Caprolactam	8.71	113	218675m	43.695	ng	
36) 4-Chloro-3-methylphenol	8.82	107	750435	43.907	ng	99
37) 2-Methylnaphthalene	8.97	142	1553397	45.940	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	722986	47.872	ng	97
40) Hexachlorocyclopentadiene	9.12	237	296137	38.573	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	453485	46.911	ng	97
43) 2,4,5-Trichlorophenol	9.30	196	488790	48.379	ng	99
45) 1,1'-Biphenyl	9.44	154	1849936	46.900	ng	98
46) 2-Chloronaphthalene	9.47	162	1370168	45.446	ng	99
47) 2-Nitroaniline	9.57	65	492459	56.027	ng	91
48) Acenaphthylene	9.88	152	2167935	47.867	ng	95
49) Dimethylphthalate	9.74	163	1641420	48.099	ng	# 98
50) 2,6-Dinitrotoluene	9.80	165	351380	51.862	ng	92
51) Acenaphthene	10.05	154	1213733	42.771	ng	99
52) 3-Nitroaniline	9.98	138	255803	31.034	ng	96
53) 2,4-Dinitrophenol	10.08	184	149813	55.979	ng	# 25
54) Dibenzofuran	10.22	168	1869693	44.754	ng	96
55) 4-Nitrophenol	10.14	139	530266	85.925	ng	93
56) 2,4-Dinitrotoluene	10.21	165	427551	52.278	ng	96
57) Fluorene	10.57	166	1430619	48.000	ng	95
58) 2,3,4,6-Tetrachlorophenol	10.34	232	396308	47.131	ng	# 86
59) Diethylphthalate	10.43	149	1635020	45.875	ng	97
60) 4-Chlorophenyl-phenylether	10.56	204	727437	43.173	ng	90
61) 4-Nitroaniline	10.60	138	321906	46.484	ng	95
62) Azobenzene	10.72	77	1446132	43.272	ng	92
64) 4,6-Dinitro-2-methylphenol	10.61	198	109126	31.911	ng	92
65) n-Nitrosodiphenylamine	10.68	169	1308690	48.342	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	434301	46.285	ng	93
67) Hexachlorobenzene	11.12	284	453079	43.885	ng	# 85
68) Atrazine	11.20	200	399178	48.295	ng	97
69) Pentachlorophenol	11.31	266	462293	71.687	ng	98
70) Phenanthrene	11.54	178	1798211	46.295	ng	97
71) Anthracene	11.59	178	1922533	49.159	ng	97
72) Carbazole	11.75	167	1778906	43.742	ng	97
73) Di-n-butylphthalate	12.06	149	2187853	56.383	ng	98
74) Fluoranthene	12.73	202	1910196	45.829	ng	98
76) Benzidine	12.85	184	1143313	61.379	ng	99
77) Pyrene	12.96	202	1916462	43.317	ng	98
79) Butylbenzylphthalate	13.57	149	908746	47.761	ng	95
80) Benzo(a)anthracene	14.15	228	1792500	47.290	ng	98
81) 3,3'-Dichlorobenzidine	14.11	252	582916	55.461	ng	99
82) Chrysene	14.19	228	1697760	46.628	ng	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	1185621	44.163	ng	100
84) Di-n-octyl phthalate	14.74	149	2083374	49.926	ng	100
85) Indeno(1,2,3-cd)pyrene	17.28	276	1477128	47.866	ng	96
87) Benzo(b)fluoranthene	15.24	252	1558432	49.289	ng	97
88) Benzo(k)fluoranthene	15.27	252	1524748	49.222	ng	98
89) Benzo(a)pyrene	15.63	252	1435372	49.629	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	1242243	49.687	ng	97
91) Benzo(g,h,i)perylene	17.75	276	1203626	48.807	ng	95

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

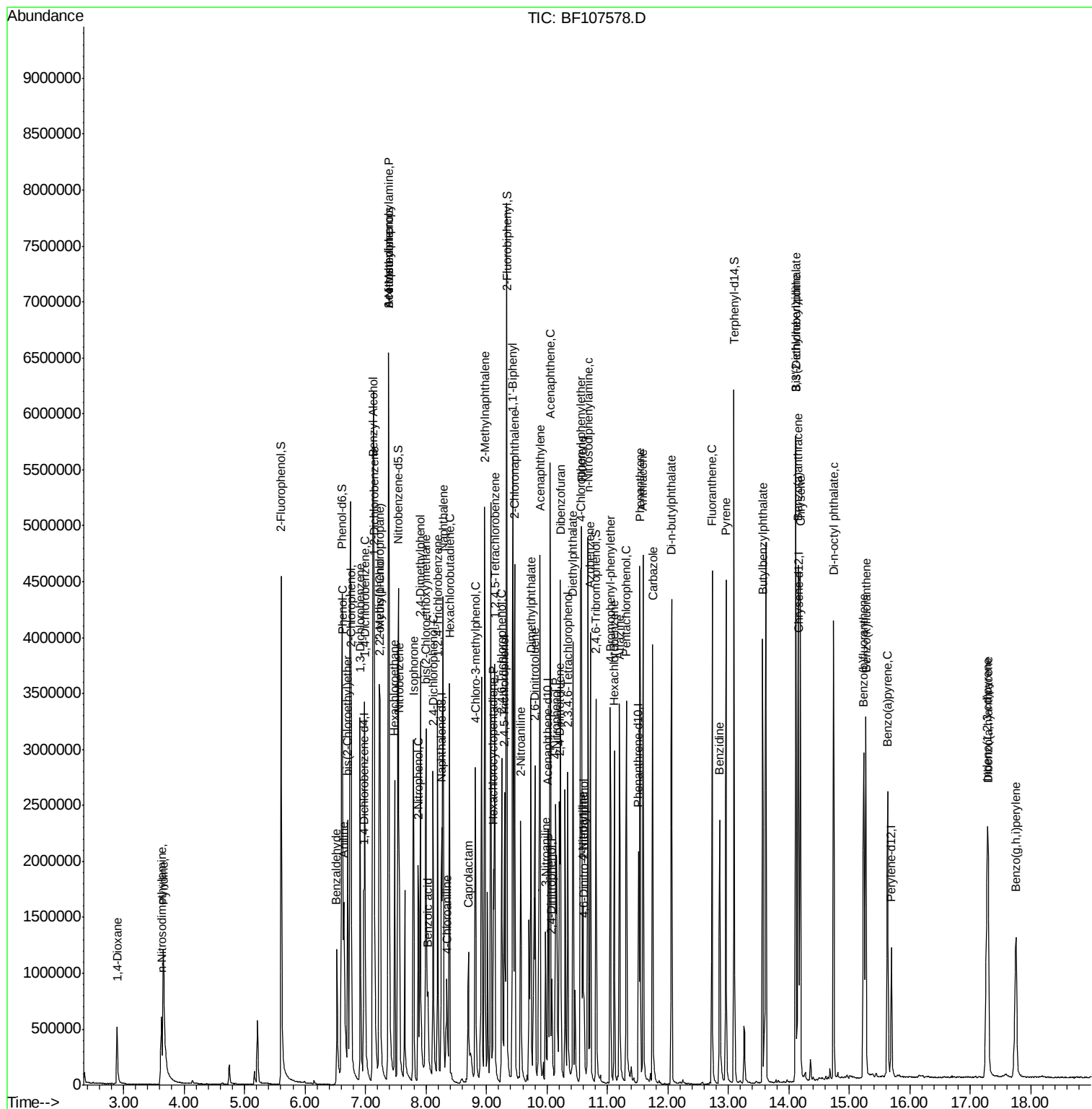
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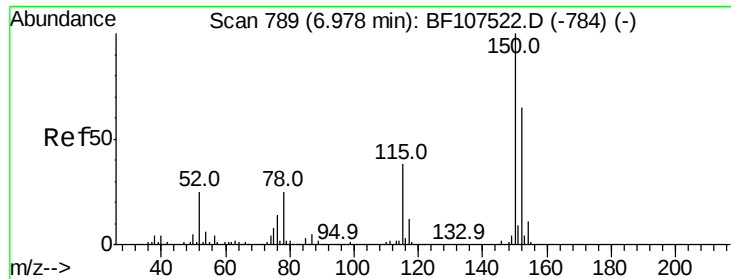
Instrument :
BNA_F
ClientSampled :
PB111309BSD

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#1

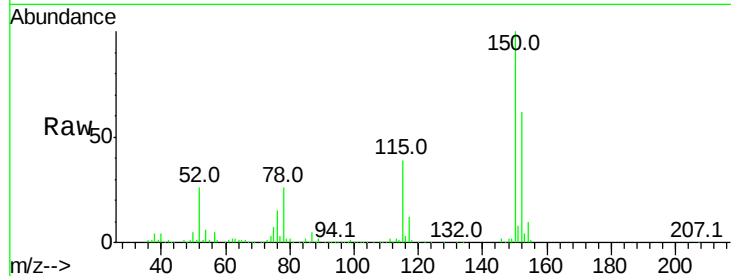
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

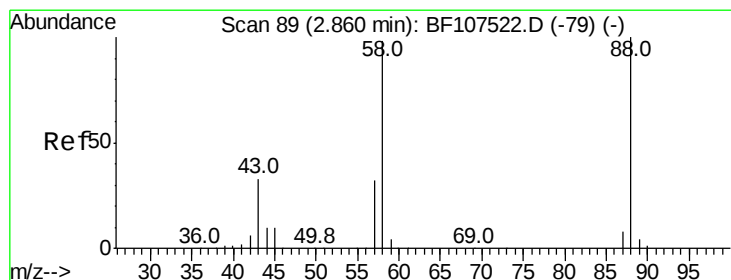
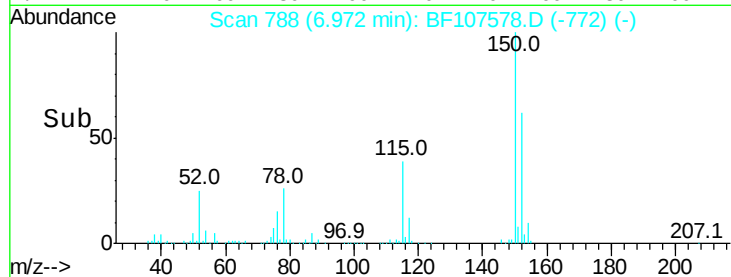
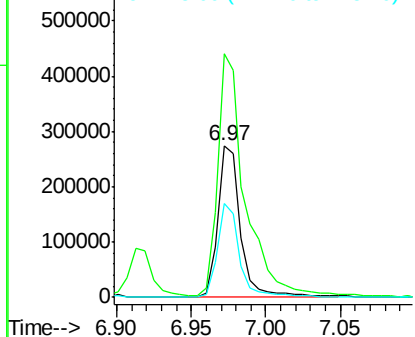
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	61.8	50.1	75.1

Manual Integrations
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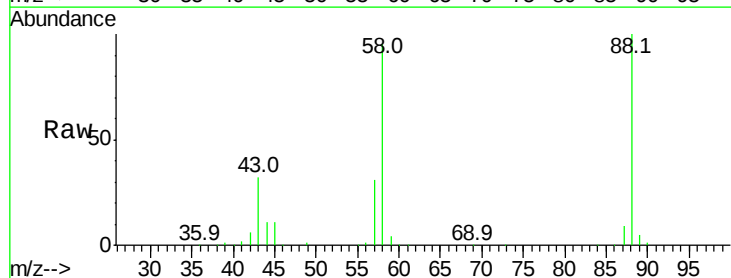
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



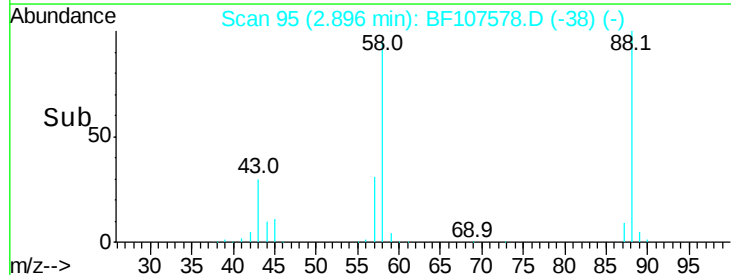
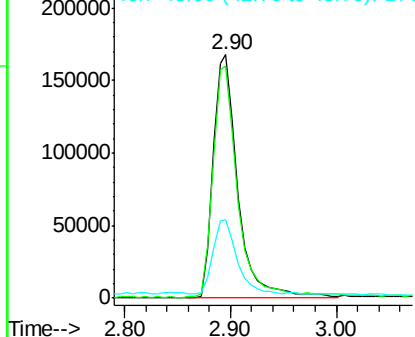
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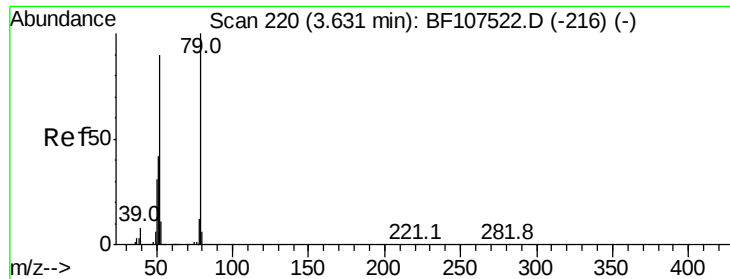
1,4-Dioxane
Concen: 32.416 ng
RT: 2.90 min Scan# 95
Delta R.T. 0.04 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.7	62.6	93.8#
43	30.0	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





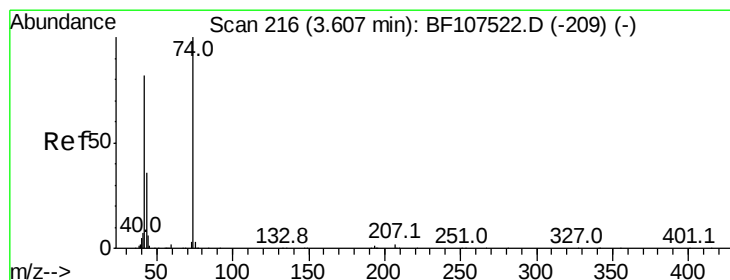
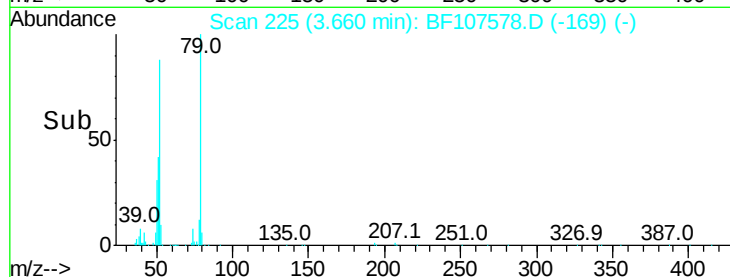
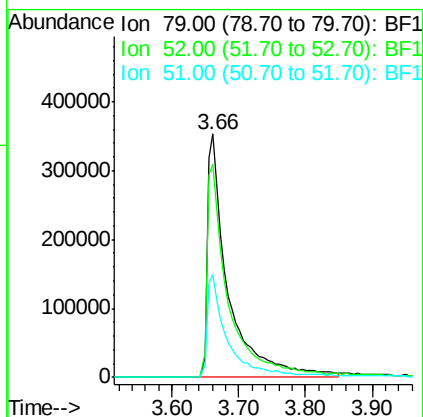
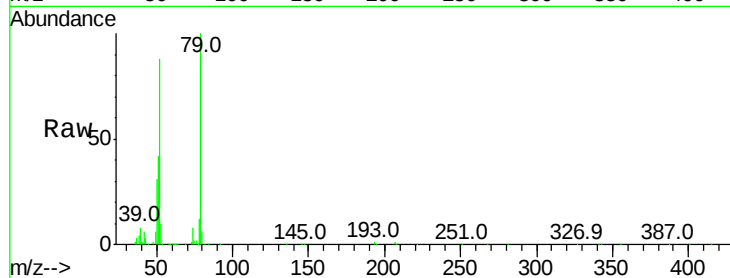
#3
Pvrindine
Concen: 33.044 ng
RT: 3.66 min Scan# 225
Delta R.T. 0.03 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	87.6	59.8		89.6	
51	42.0	29.8		44.8	

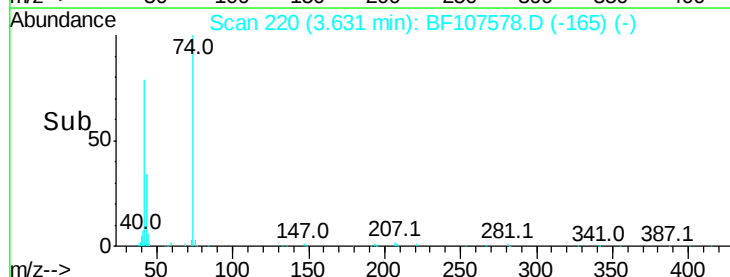
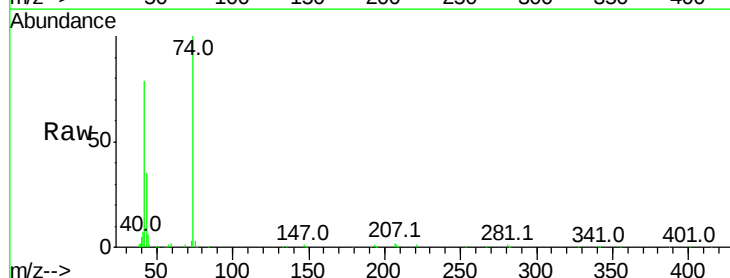
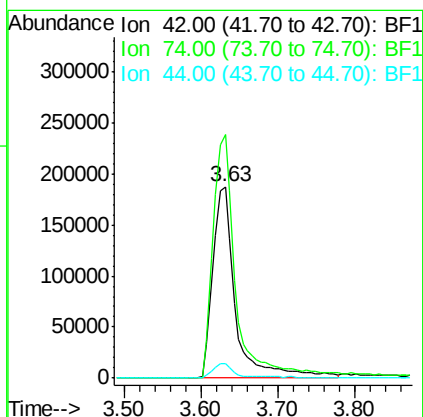
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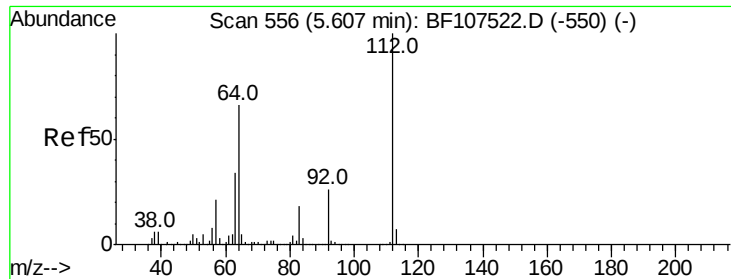
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#4
n-Nitrosodimethylamine
Concen: 38.896 ng
RT: 3.63 min Scan# 220
Delta R.T. 0.02 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	127.0	104.9		157.3	
44	7.6	6.9		10.3	





#5

2-Fluorophenol

Concen: 86.634 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

Tot Ion:112 Resp: 1592528

Ion Ratio Lower Upper

112 100

64 67.0 47.9 71.9

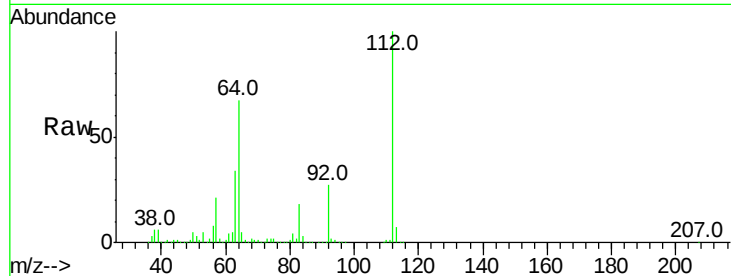
63 34.4 23.7 35.5

Manual Integrations

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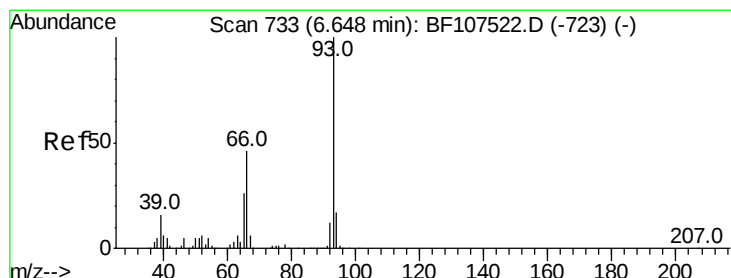
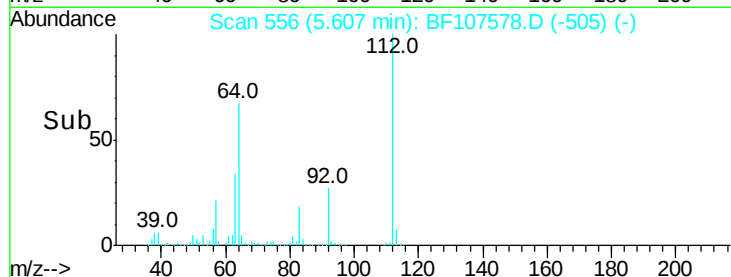
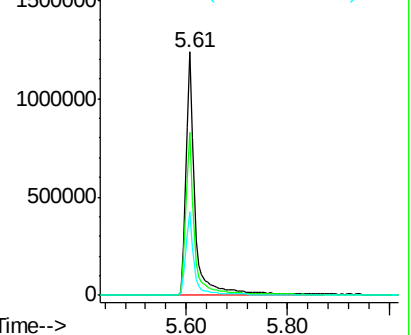
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.061 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

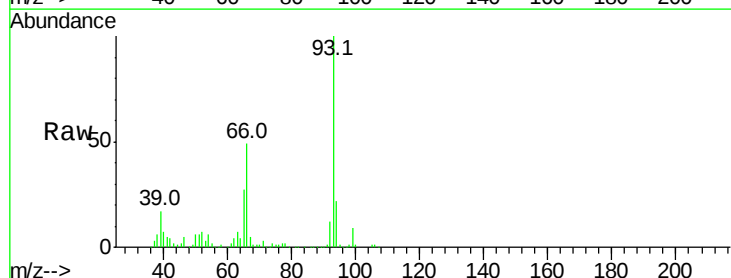
Tgt Ion: 93 Resp: 798836

Ion Ratio Lower Upper

93 100

66 48.7 32.2 48.2#

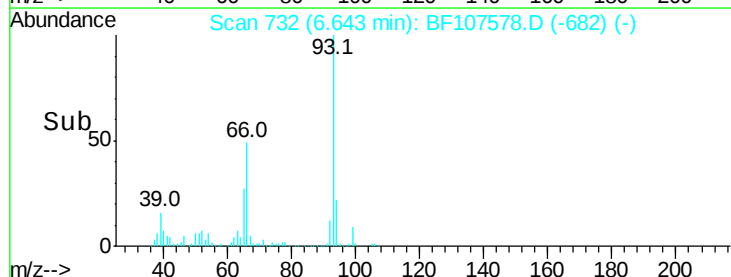
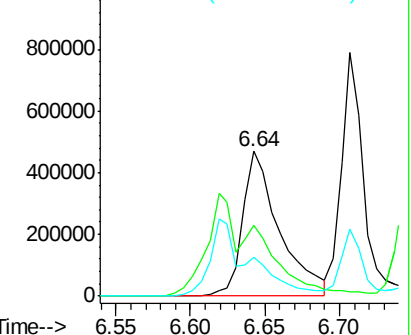
65 26.5 16.4 24.6#

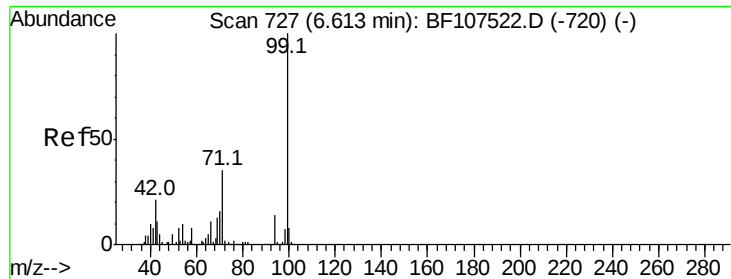


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 84.428 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

PB111309BSD

Tot Ion: 99 Resp: 1863500

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

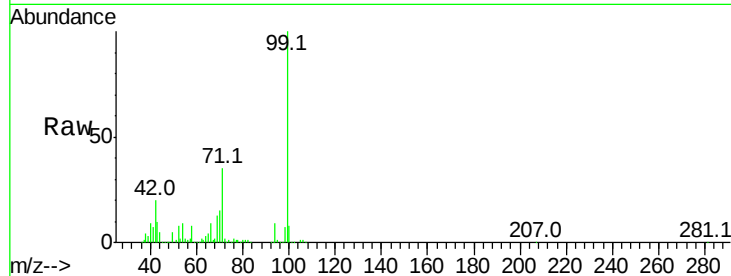
71 34.8 25.4 38.0

Manual Integrations

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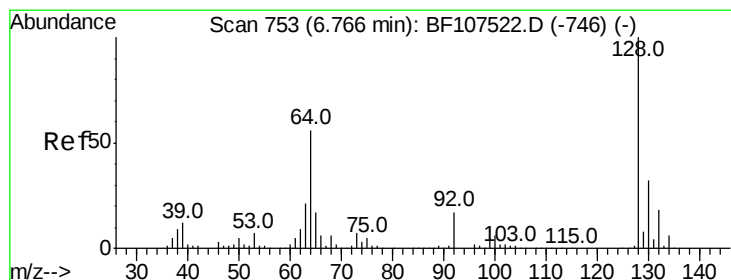
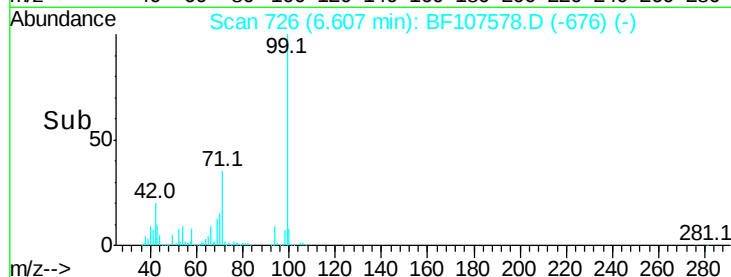
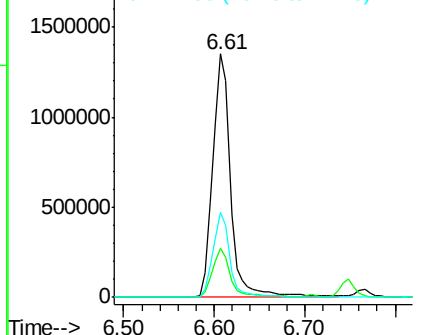
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.501 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

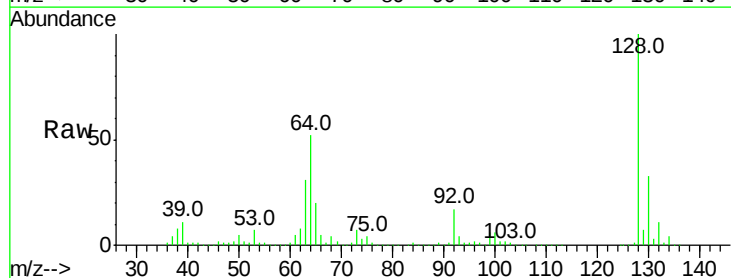
Tgt Ion: 128 Resp: 837019

Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

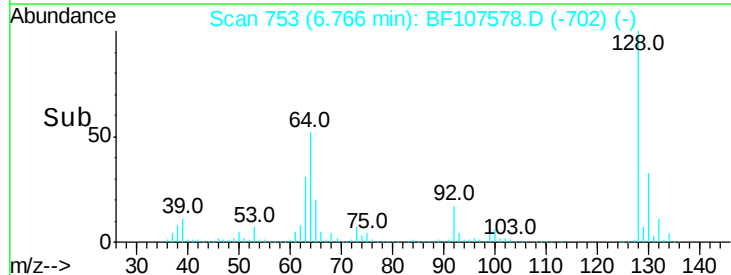
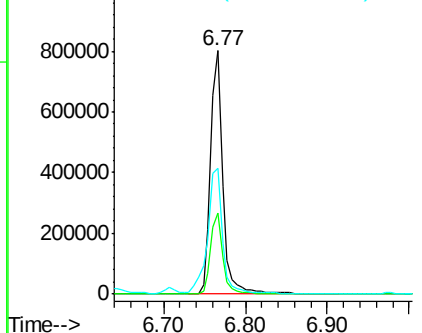
64 51.7 29.4 69.4

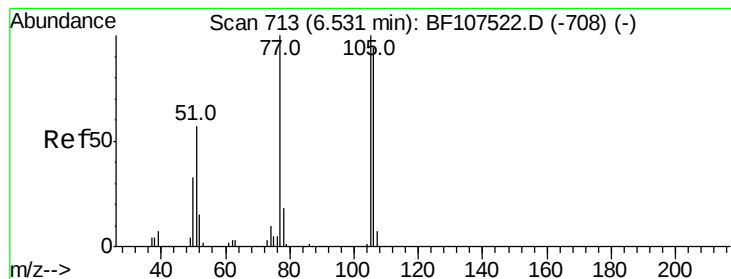


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.370 ng

RT: 6.52 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

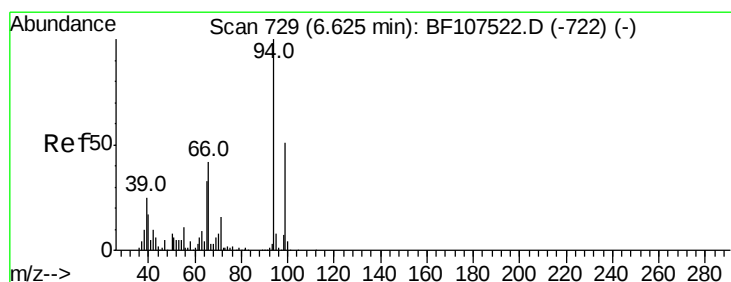
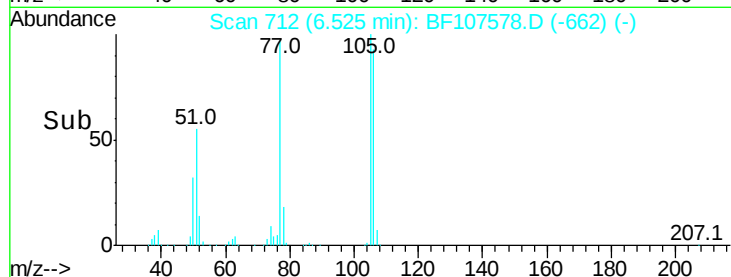
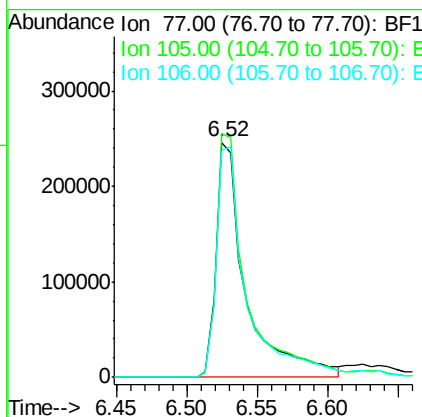
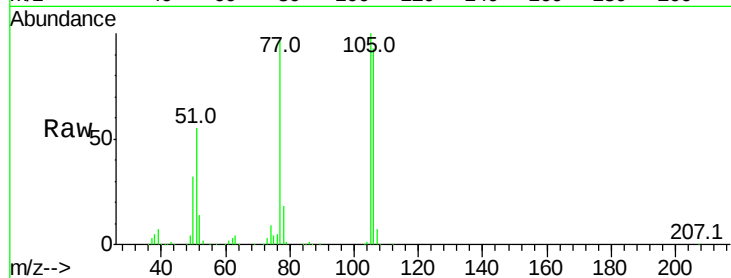
ClientSampleId :

PB111309BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.6	81.1	121.1
106	96.7	74.5	114.5

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#10

Phenol

Concen: 38.929 ng

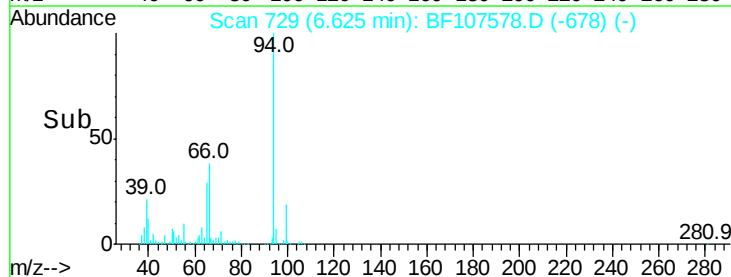
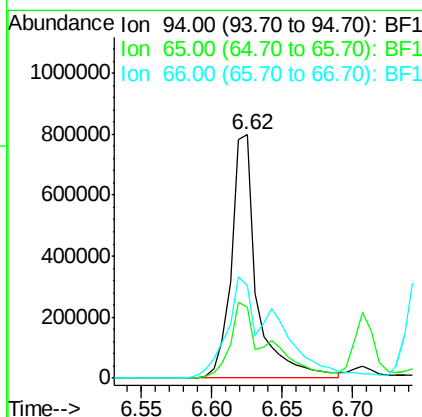
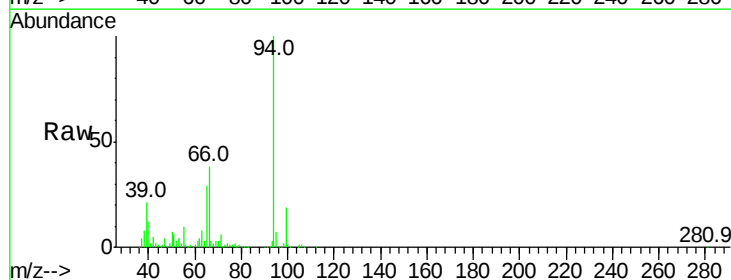
RT: 6.62 min Scan# 729

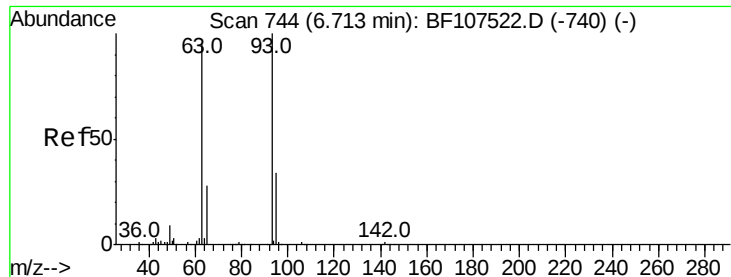
Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.3	7.9	47.9
66	38.1	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.461 ng

RT: 6.71 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

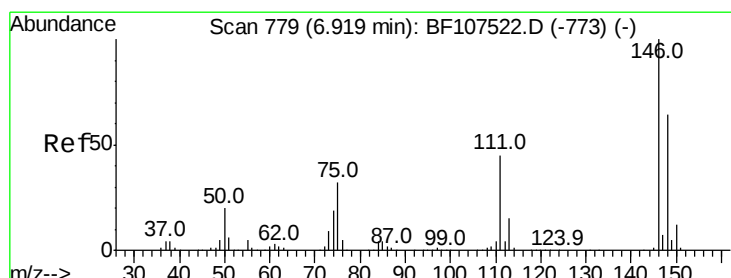
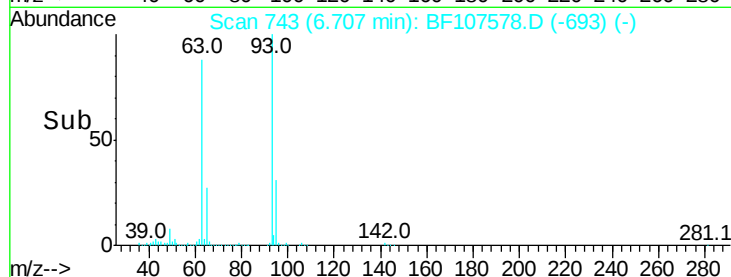
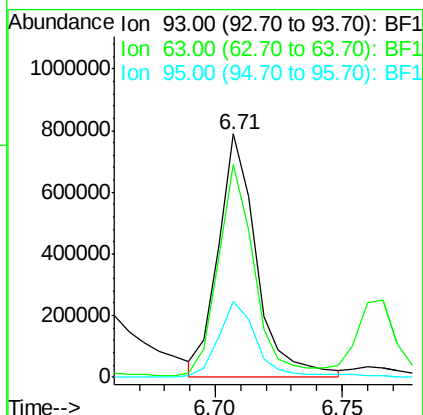
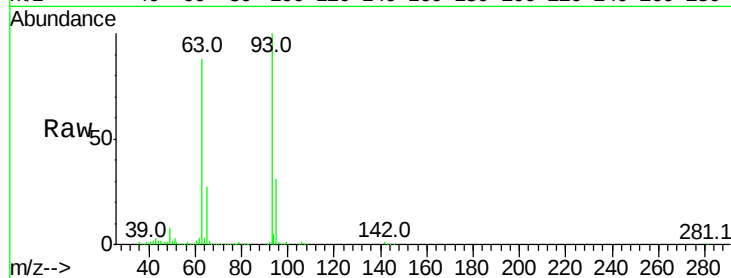
ClientSampleId :

PB111309BSD

Tot Ion:	93	Resp:	827716
Ion Ratio	Lower	Upper	
93	100		
63	87.6	58.6	98.6
95	31.2	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 39.443 ng

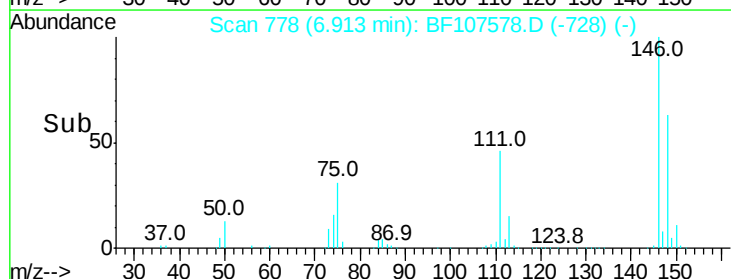
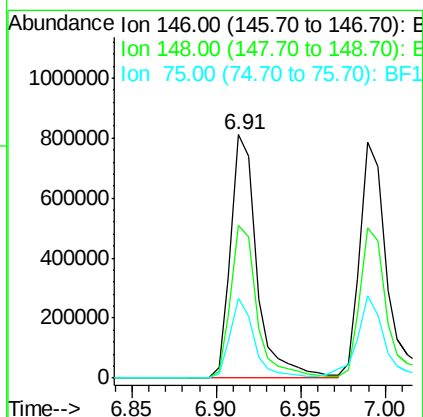
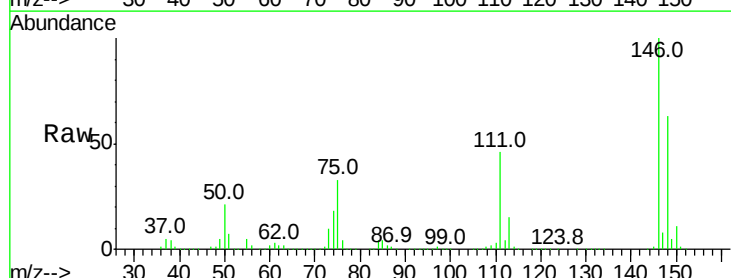
RT: 6.91 min Scan# 778

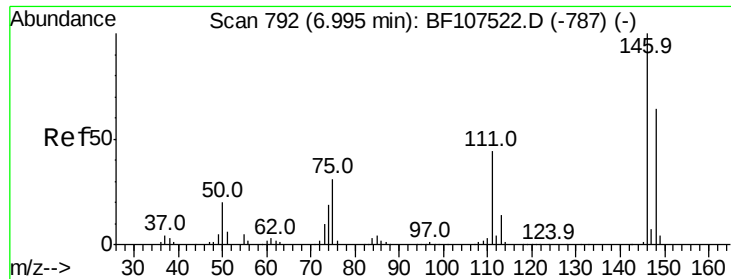
Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Tgt Ion:	146	Resp:	880708
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.8	77.8
75	32.5	24.2	36.4





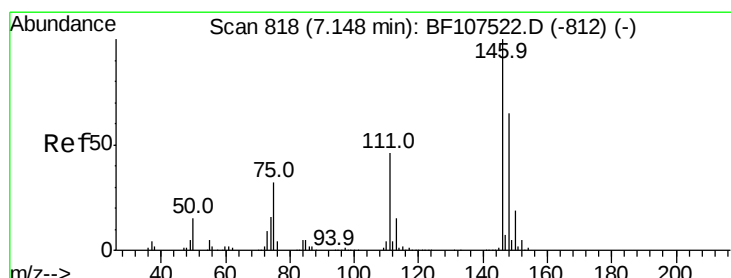
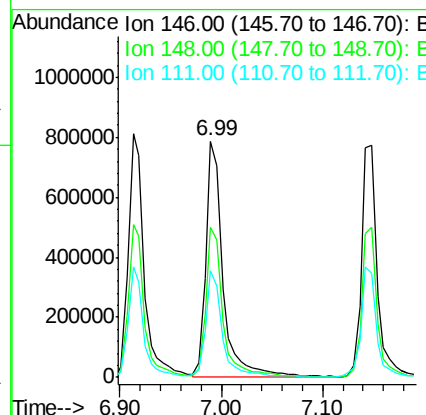
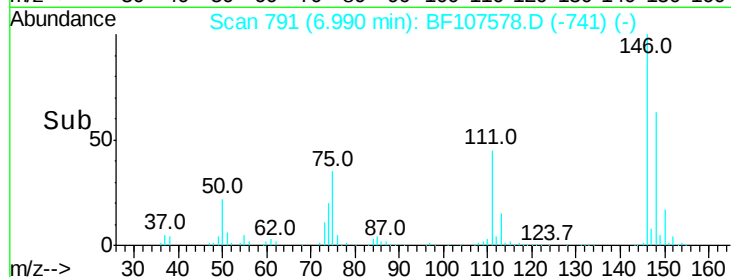
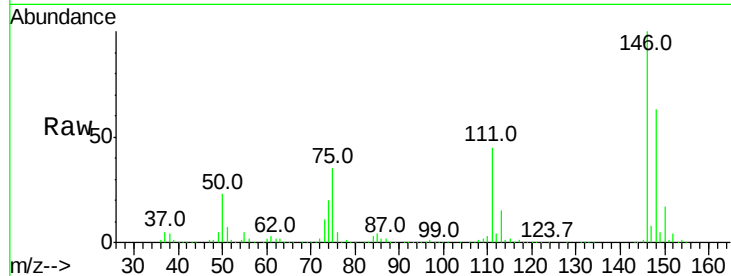
#13
 1,4-Dichlorobenzene
 Concen: 40.099 ng
 RT: 6.99 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampled :
 PB111309BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	45.0	34.2	51.2

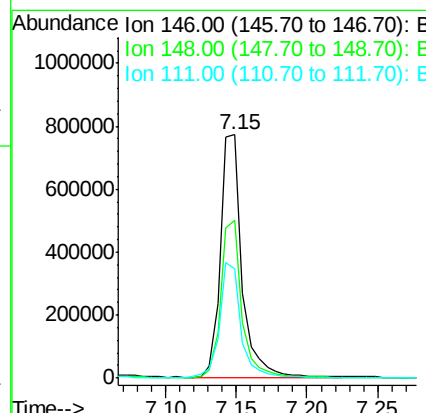
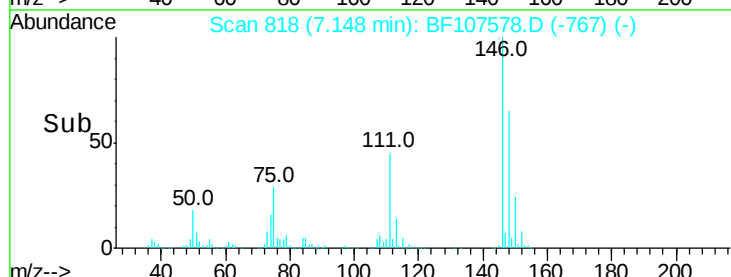
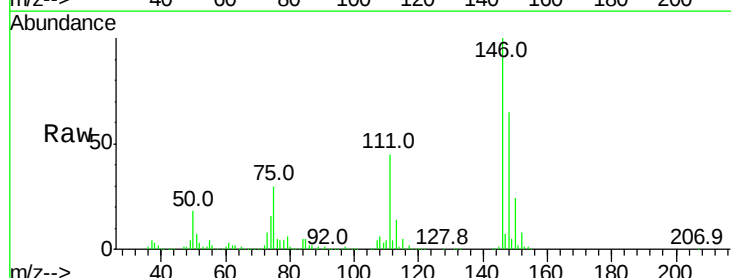
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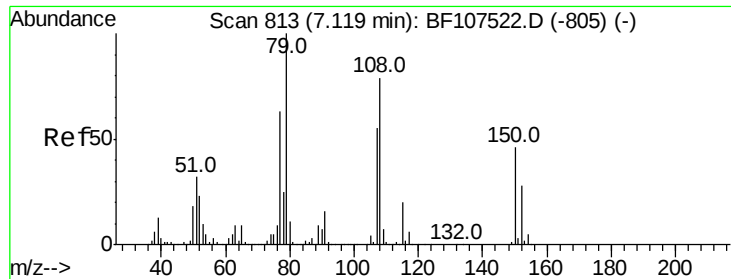
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#14
 1,2-Dichlorobenzene
 Concen: 39.918 ng
 RT: 7.15 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	44.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 43.850 ng

RT: 7.12 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

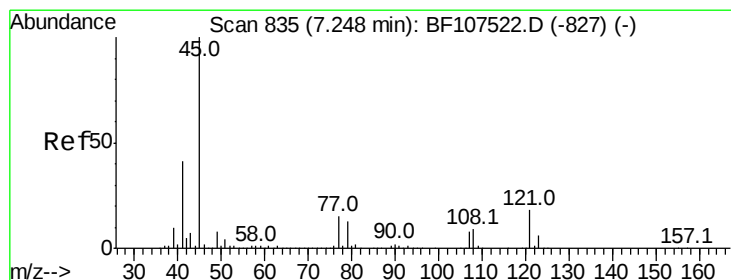
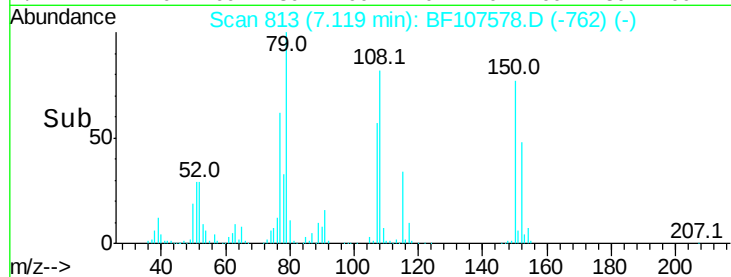
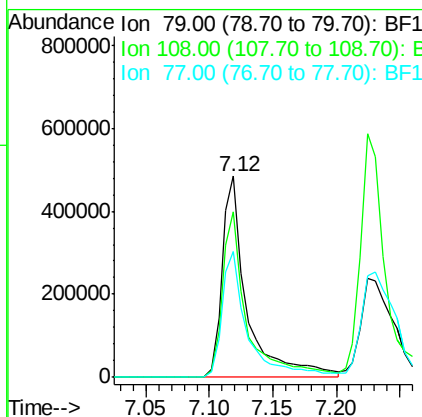
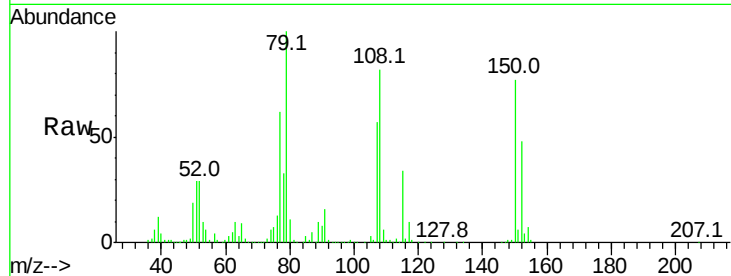
ClientSampleId :

PB111309BSD

Tot Ion:	79	Resp:	659625
Ion Ratio	Lower	Upper	
79	100		
108	82.3	65.1	97.7
77	62.4	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.367 ng

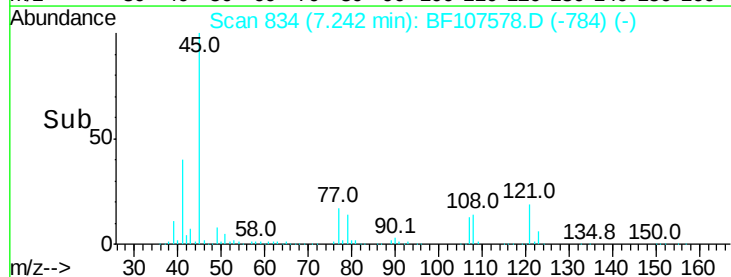
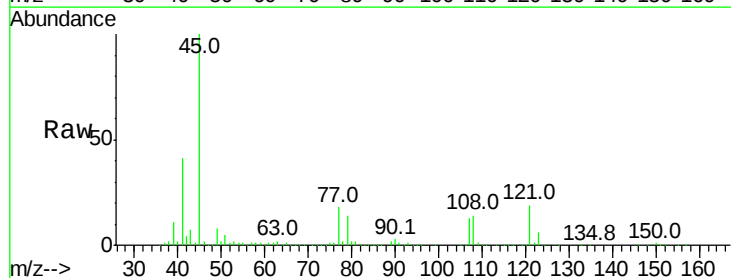
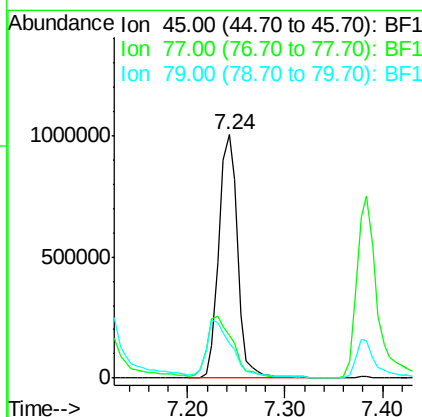
RT: 7.24 min Scan# 834

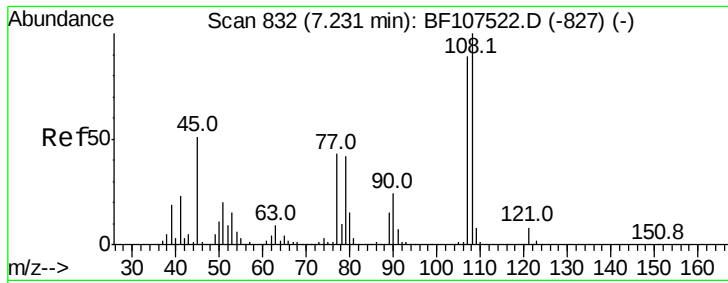
Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Tgt Ion:	45	Resp:	1356691
Ion Ratio	Lower	Upper	
45	100		
77	17.6	0.0	32.9
79	14.5	0.0	29.6





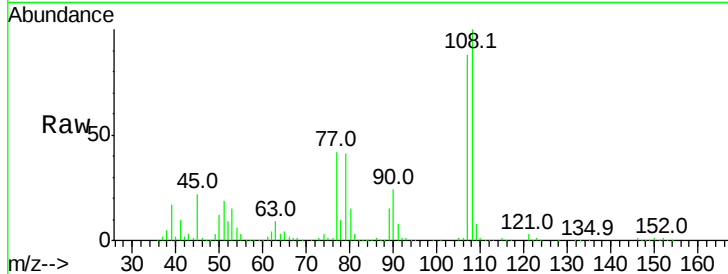
#17
2-Methylphenol
Concen: 42.436 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	710314		
108	113.7	91.7	137.5	
77	47.5	33.8	50.8	
79	46.5	33.8	50.8	

Manual Integrations
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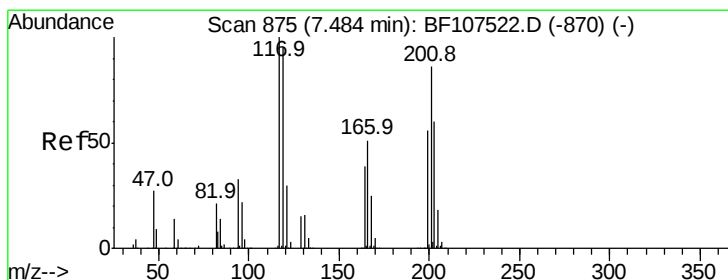
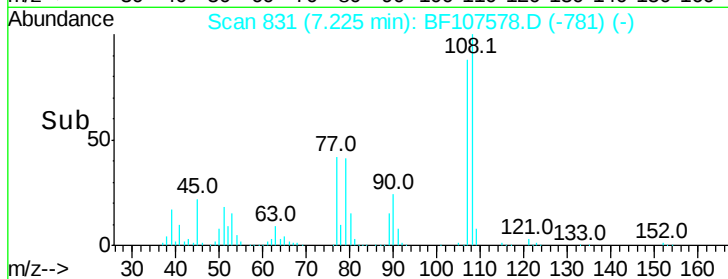
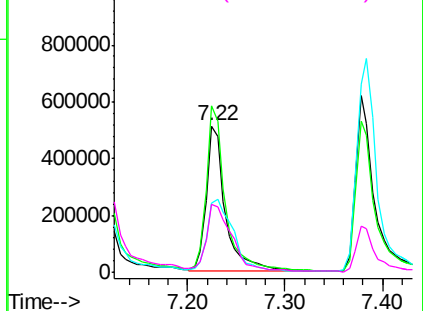
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

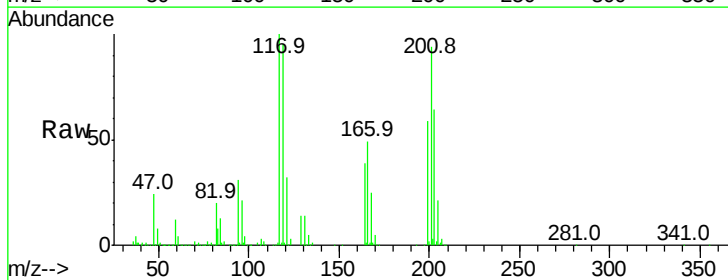
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 36.072 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	289554		
119	95.1	75.8	113.8	
201	93.8	75.7	113.5	

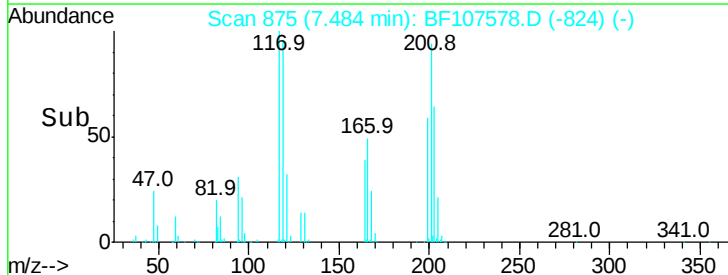
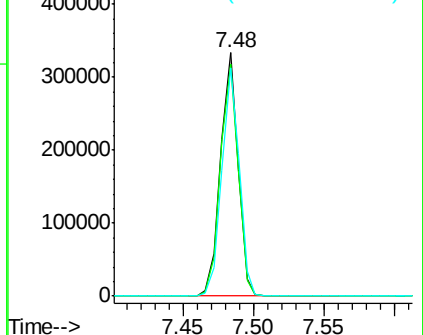


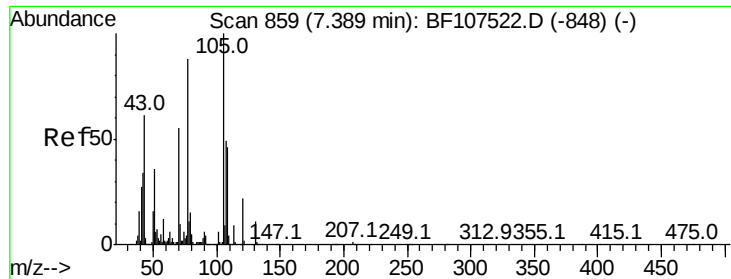
Abundance

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





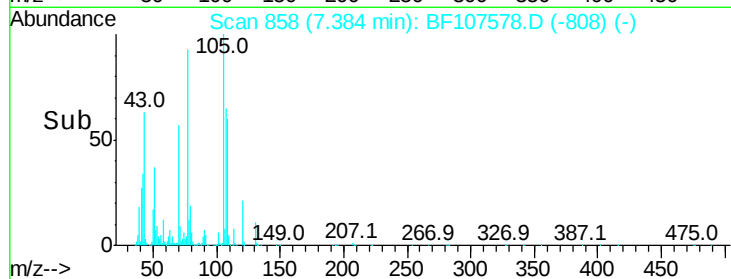
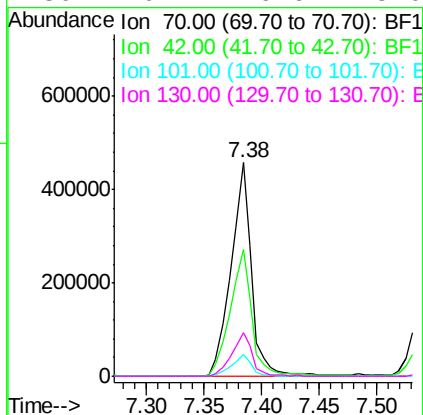
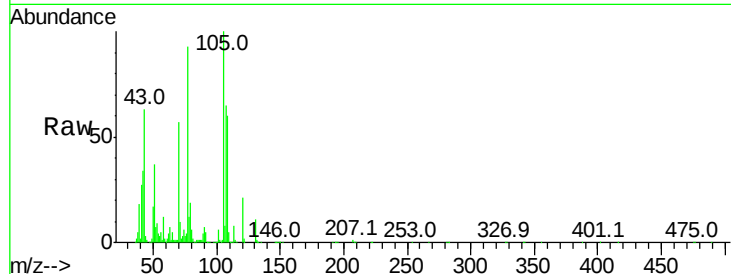
#19
n-Nitroso-di-n-propylamine
Concen: 39.688 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.6	47.5	71.3
101	10.2	7.4	11.2
130	20.2	16.6	25.0

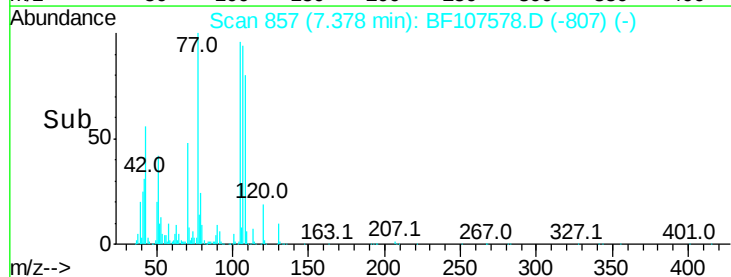
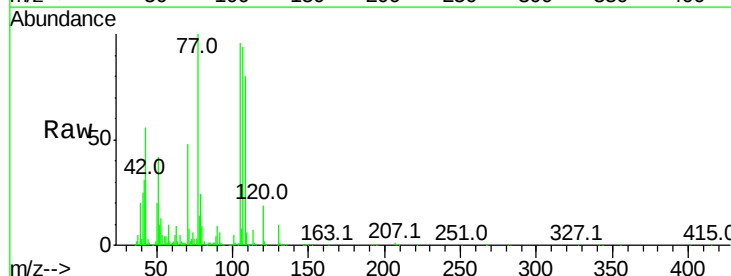
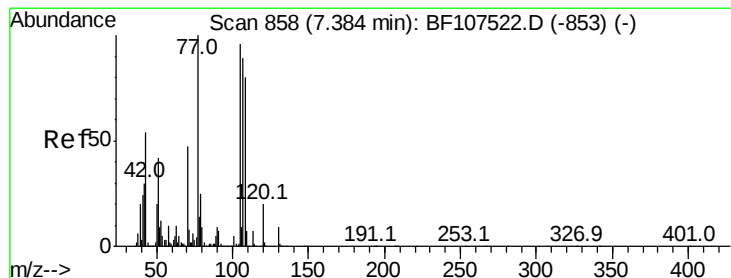
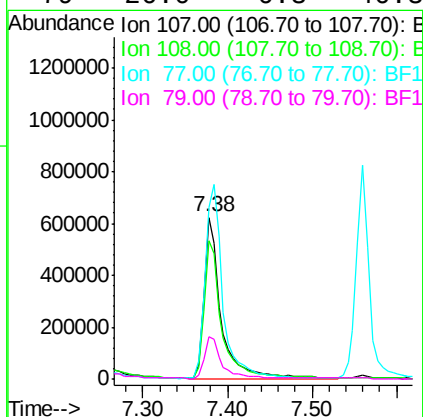
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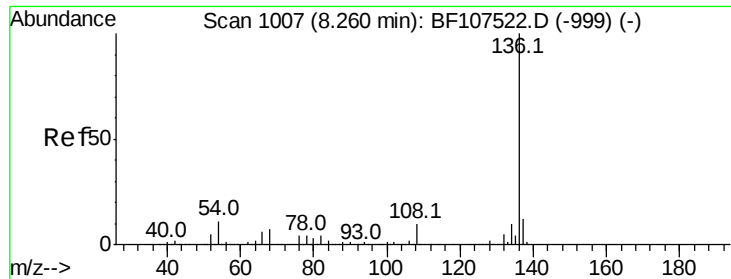
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#20
3+4-Methylphenols
Concen: 44.224 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	68.2	108.2
77	106.6	26.7	66.7#
79	26.0	6.3	46.3





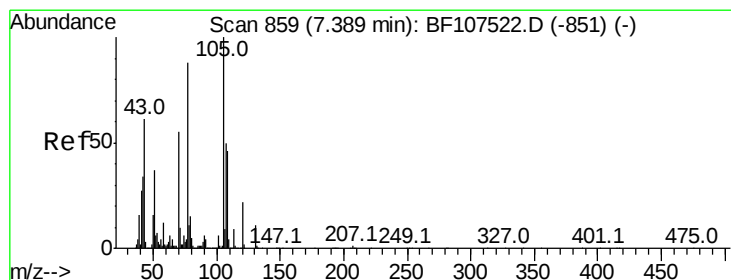
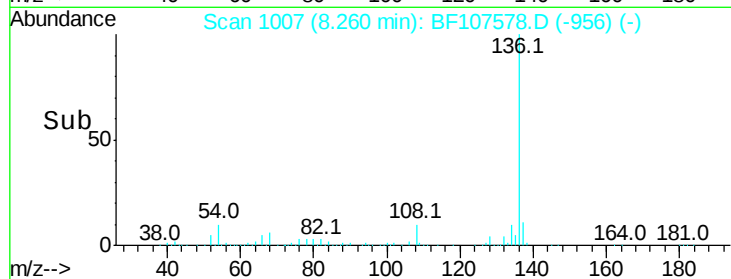
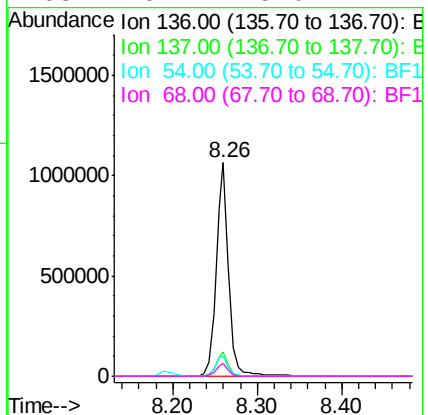
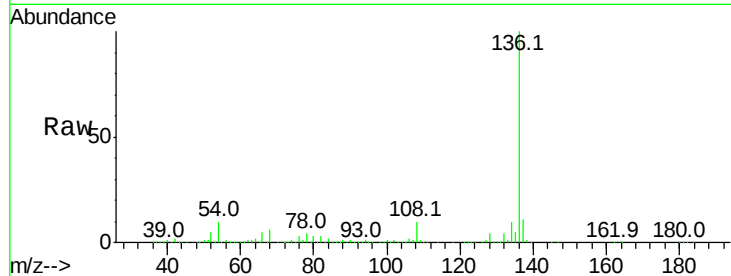
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion	136	Resp	1109647
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.7	6.6	9.8
68	6.1	5.0	7.4

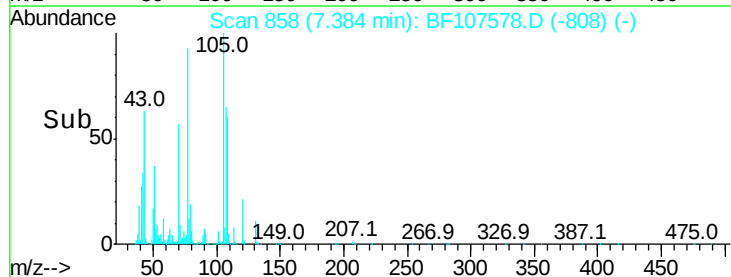
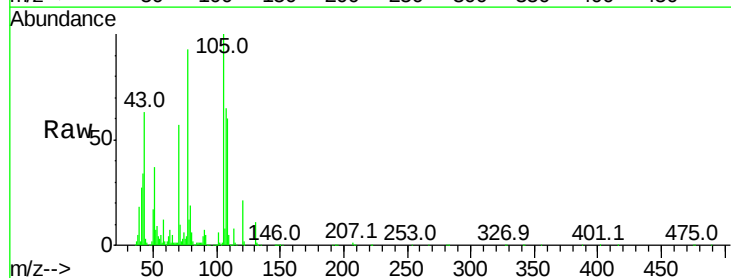
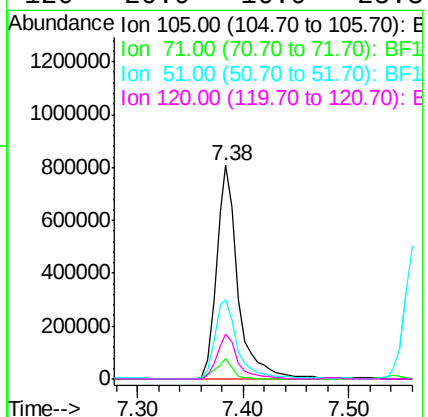
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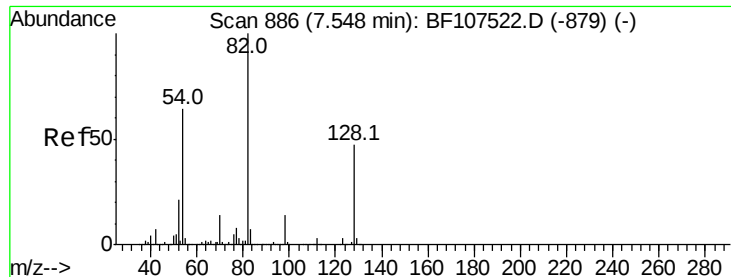
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#22
Acetophenone
Concen: 44.359 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion	105	Resp	1155997
Ion	Ratio	Lower	Upper
105	100		
71	9.5	4.4	6.6#
51	37.1	22.3	33.5#
120	20.9	16.9	25.3





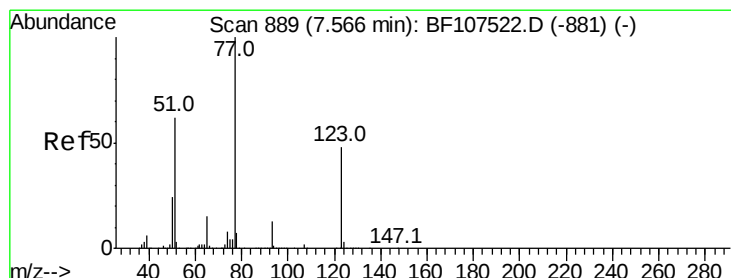
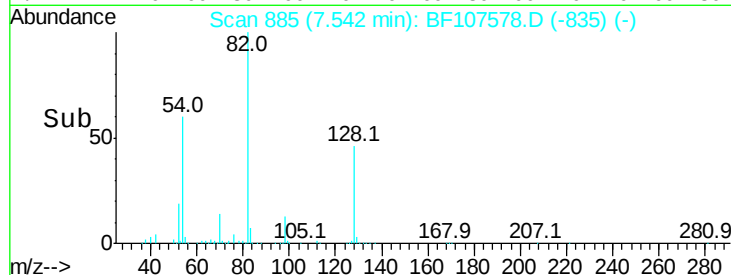
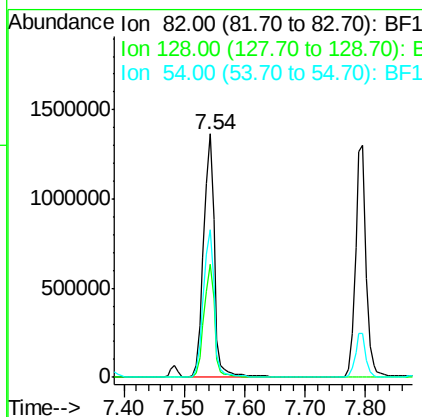
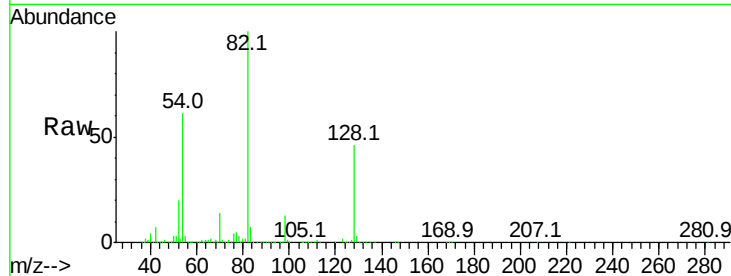
#23
 Nitrobenzene-d5
 Concen: 105.019 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tot Ion: 82 Resp: 1726751
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 60.6 41.4 62.2

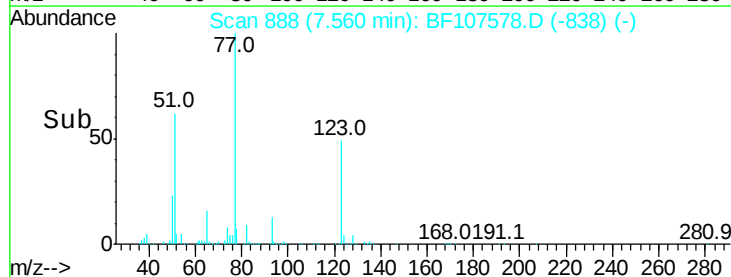
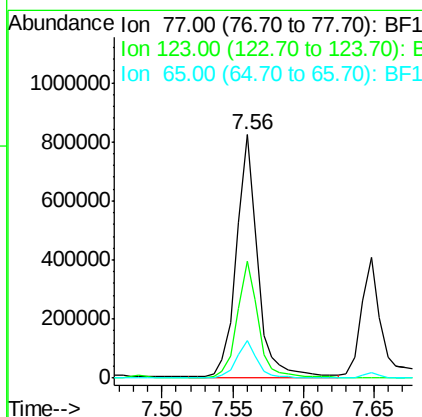
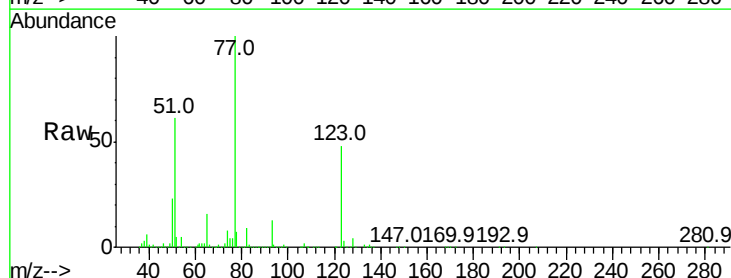
Manual Integrations
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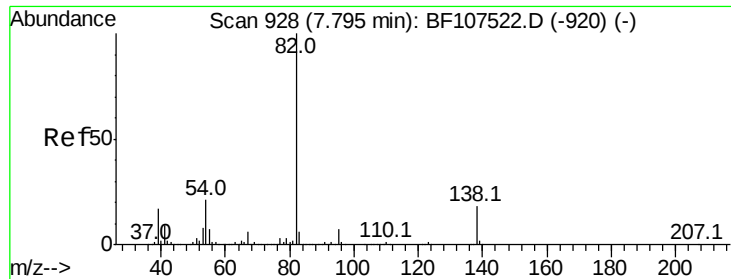
Sohil
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#24
 Nitrobenzene
 Concen: 46.316 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion: 77 Resp: 872235
 Ion Ratio Lower Upper
 77 100
 123 48.1 37.9 56.9
 65 15.7 11.0 16.4





#25

Isophorone

Concen: 45.032 ng

RT: 7.80 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

Tot Ion: 82 Resp: 1580949

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

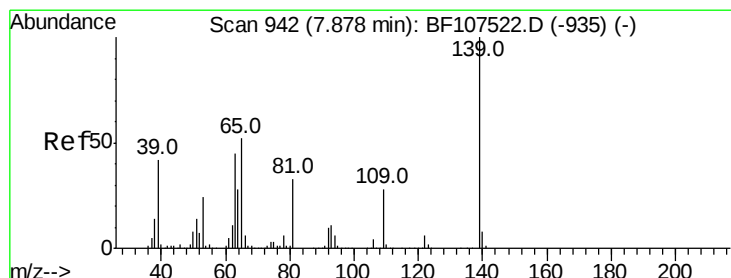
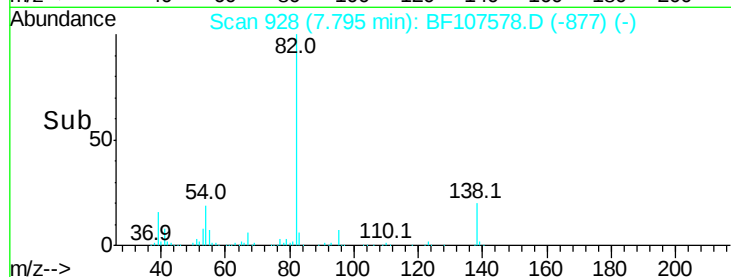
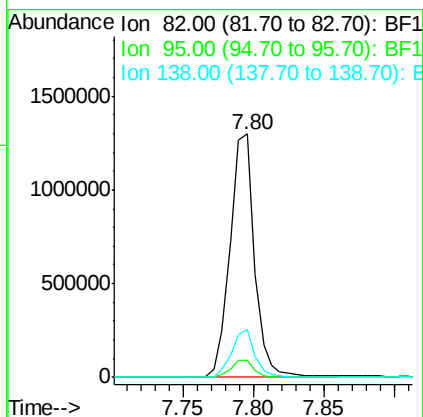
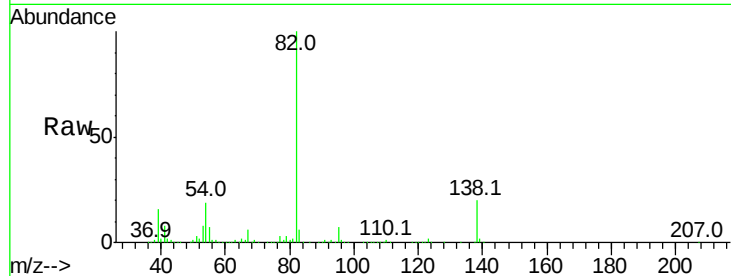
138 19.6 14.9 22.3

Manual Integrations

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#26

2-Nitrophenol

Concen: 54.938 ng

RT: 7.87 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

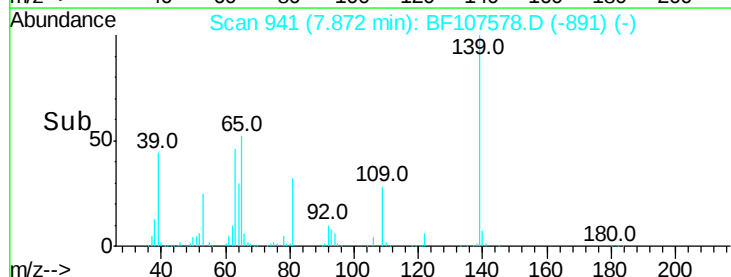
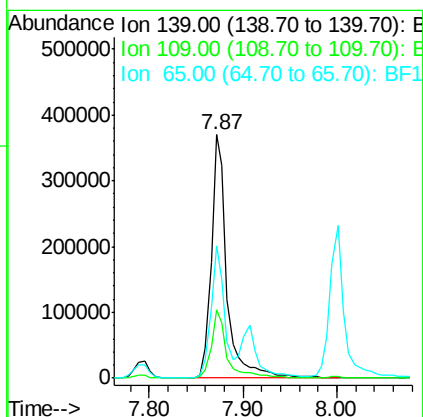
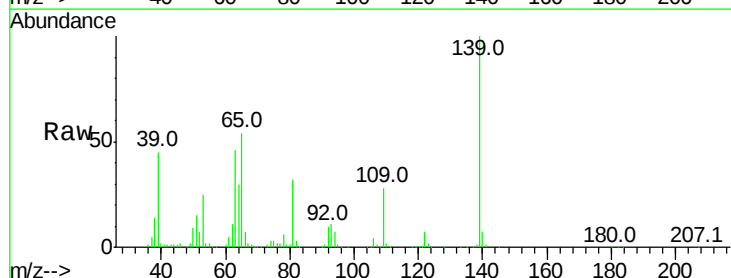
Tgt Ion: 139 Resp: 436913

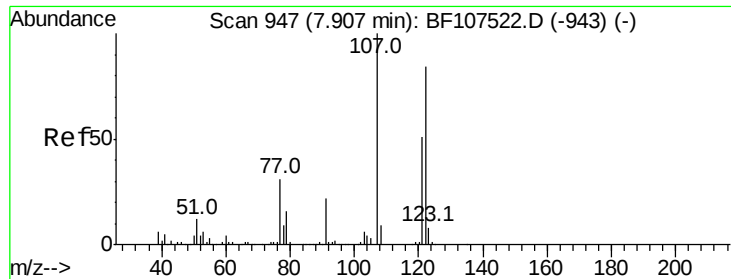
Ion Ratio Lower Upper

139 100

109 27.9 22.7 34.1

65 54.2 40.5 60.7





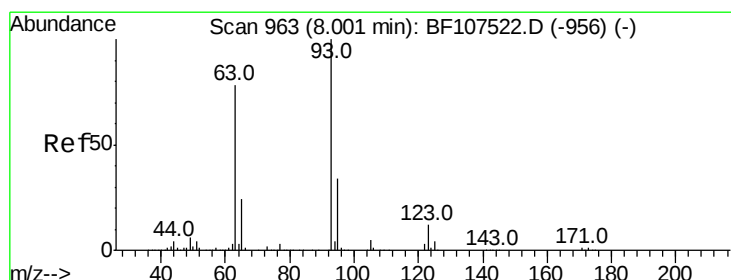
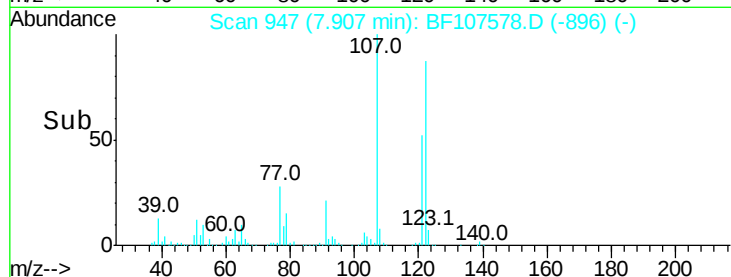
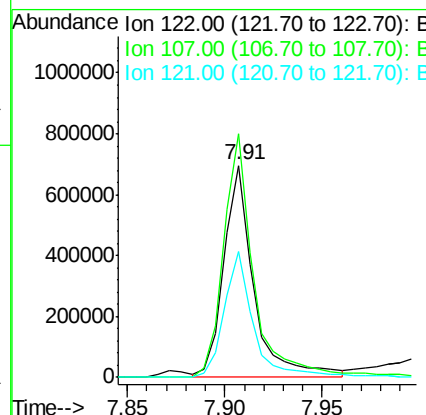
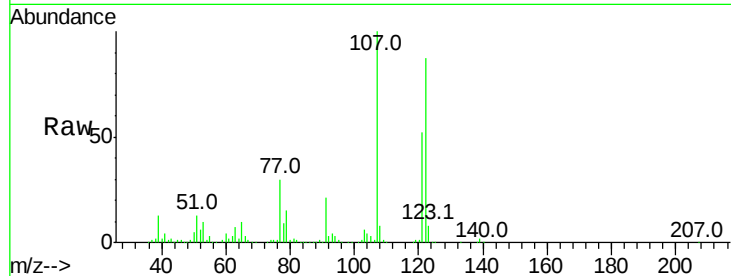
#27
 2,4-Dimethylphenol
 Concen: 49.470 ng
 RT: 7.91 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	91.2	136.8
121	59.3	47.2	70.8

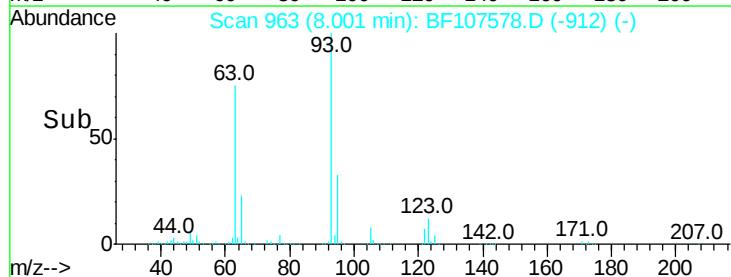
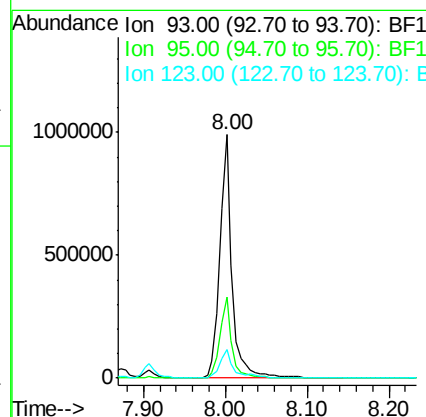
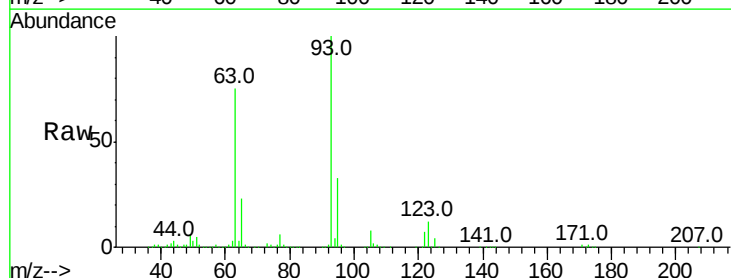
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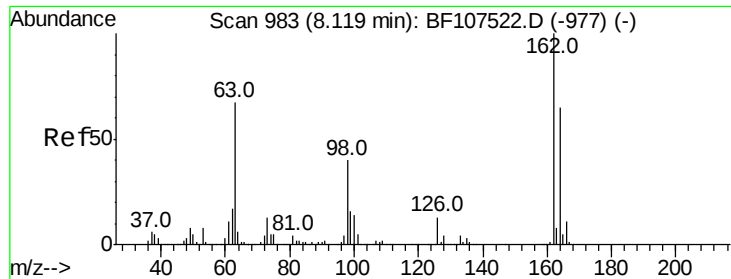
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.786 ng
 RT: 8.00 min Scan# 963
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	11.8	9.8	14.6





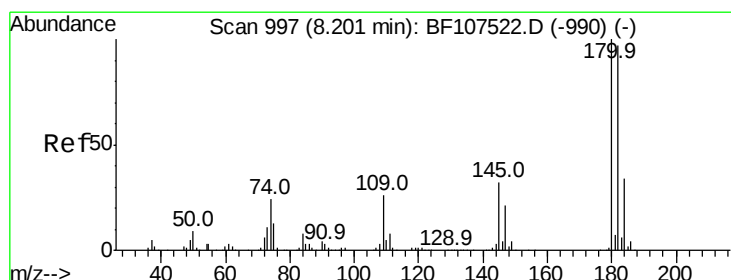
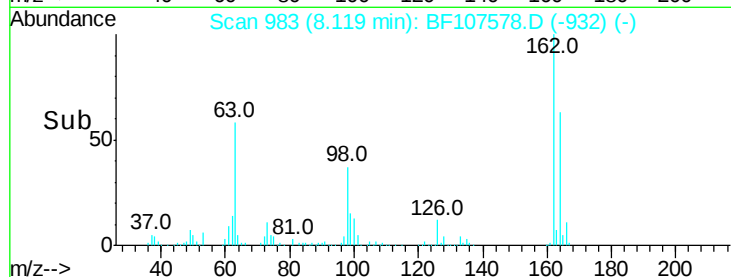
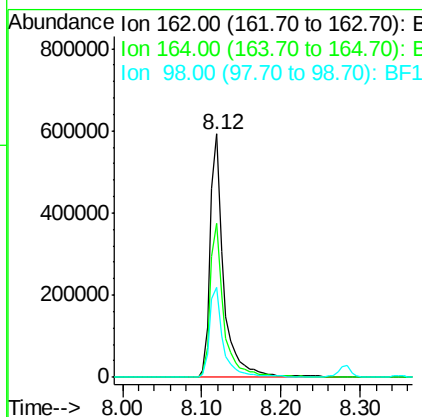
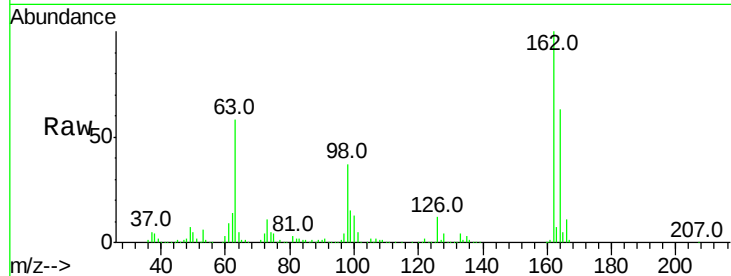
#29
2,4-Dichlorophenol
Concen: 45.505 ng
RT: 8.12 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	700156		
164	63.4	42.7	82.7	
98	37.1	18.1	58.1	

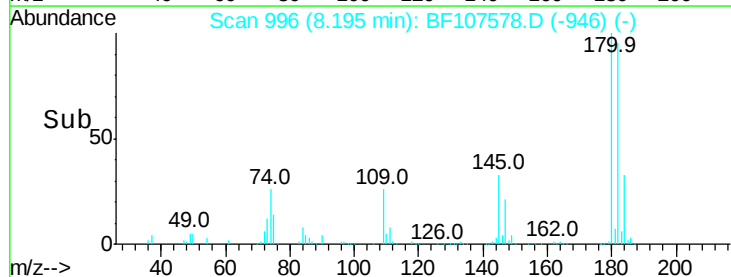
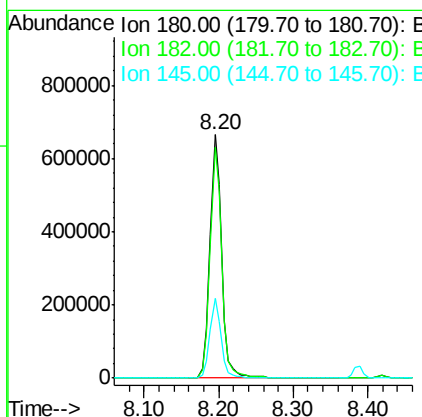
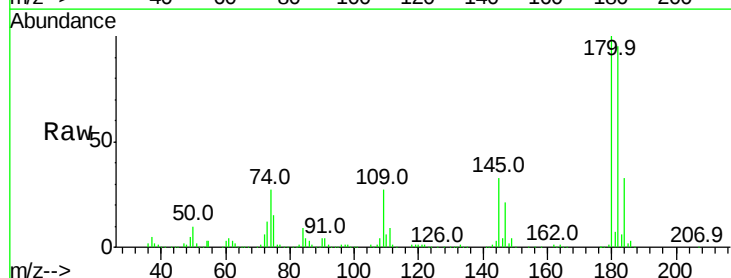
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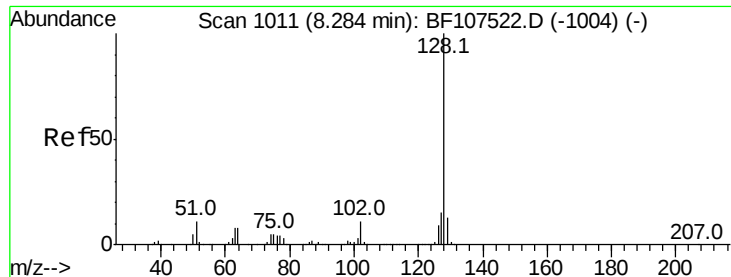
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.722 ng
RT: 8.20 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	721015		
182	94.8	76.8	115.2	
145	32.9	26.5	39.7	





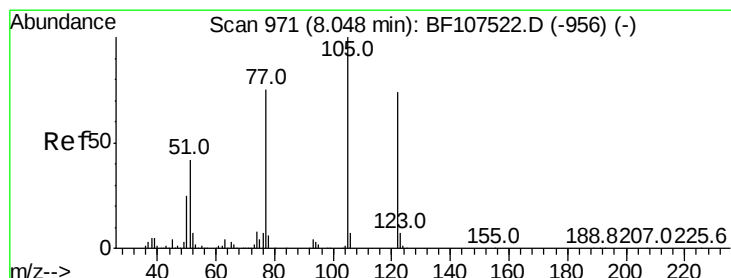
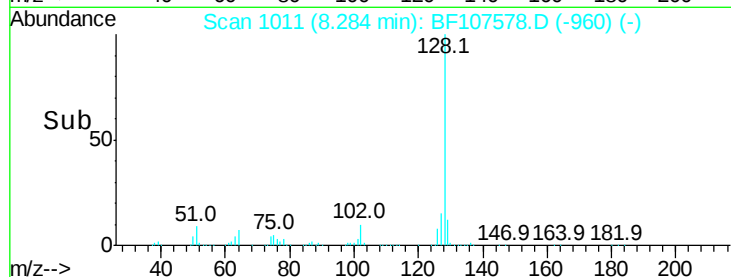
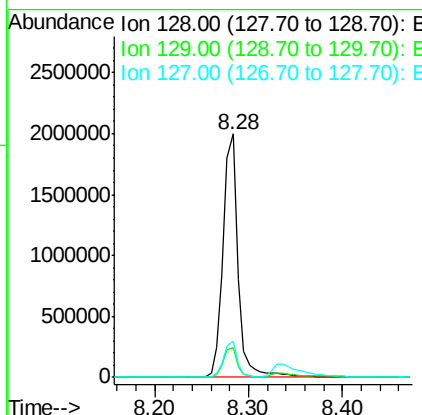
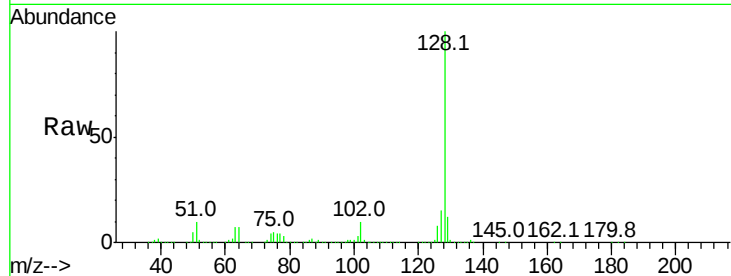
#31
Naphthalene
Concen: 46.011 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion:128 Resp: 2245149
Ion Ratio Lower Upper
128 100
129 12.0 8.8 13.2
127 14.9 10.9 16.3

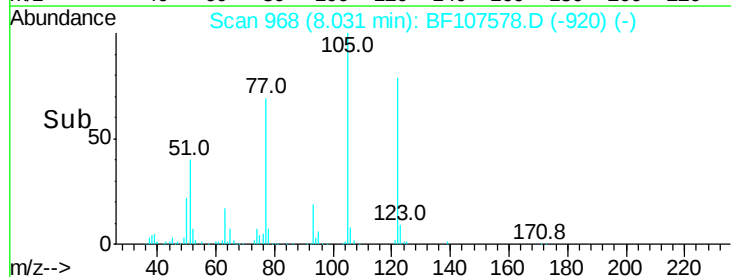
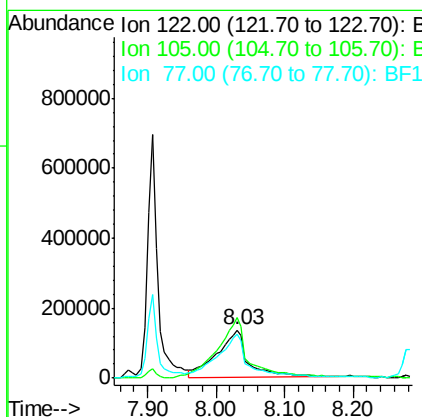
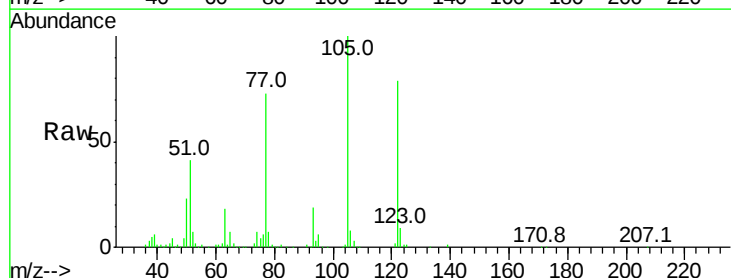
Manual Integrations
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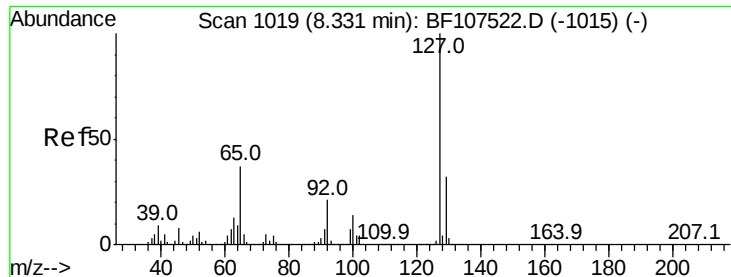
Sohil
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#32
Benzoic acid
Concen: 42.262 ng
RT: 8.03 min Scan# 968
Delta R.T. -0.02 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:122 Resp: 432272
Ion Ratio Lower Upper
122 100
105 126.9 101.1 141.1
77 92.6 70.7 110.7





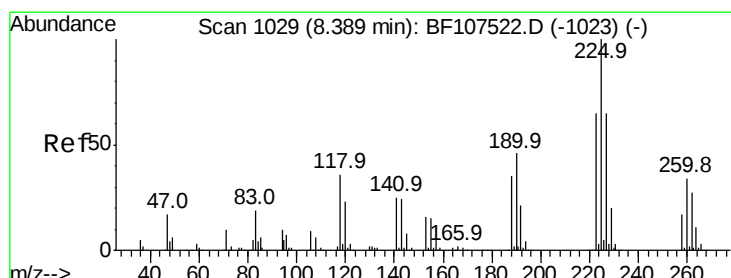
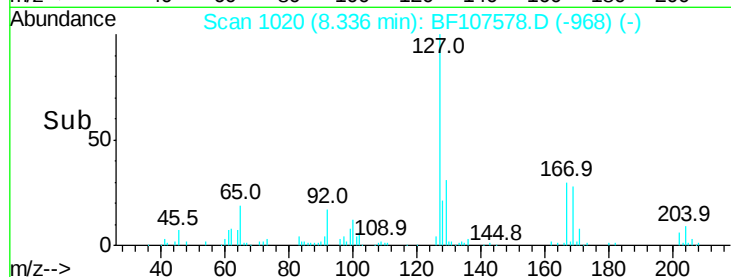
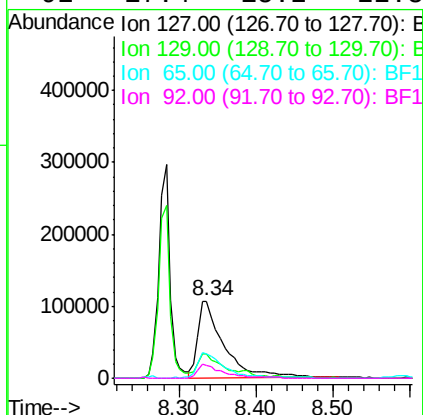
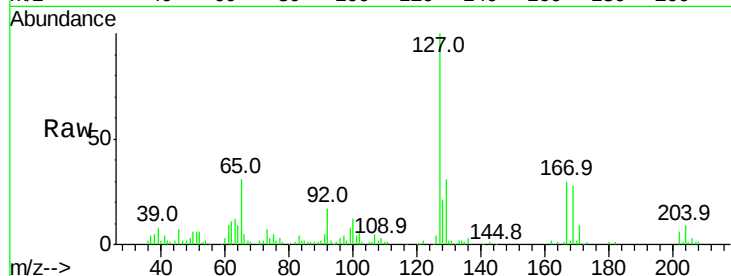
#33
4-Chloroaniline
Concen: 11.795 ng
RT: 8.34 min Scan# 1020
Delta R.T. 0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.1	25.9	38.9	
65	31.4	25.0	37.4	
92	17.4	15.2	22.8	

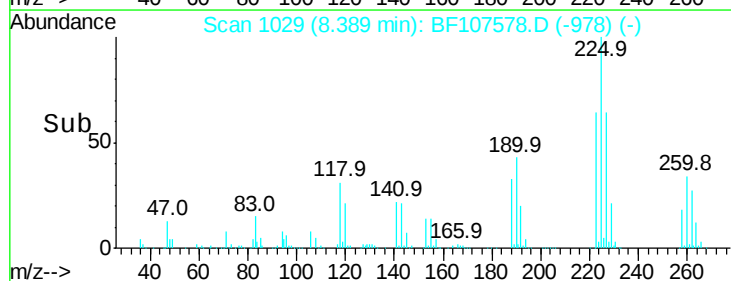
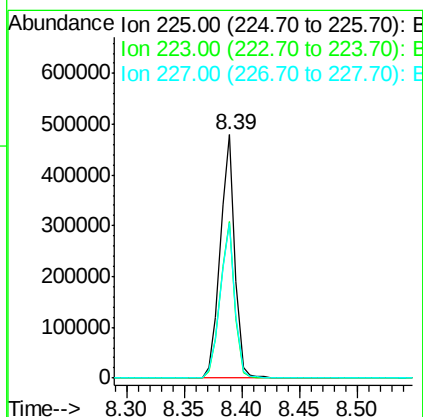
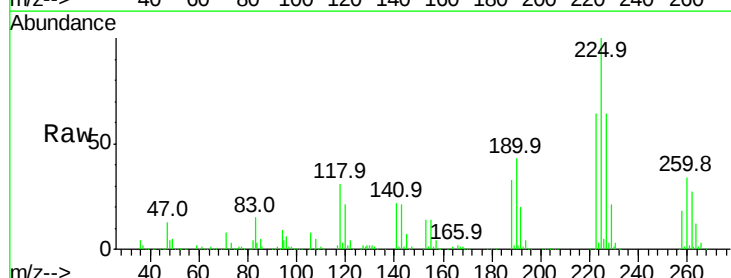
Manual Integrations
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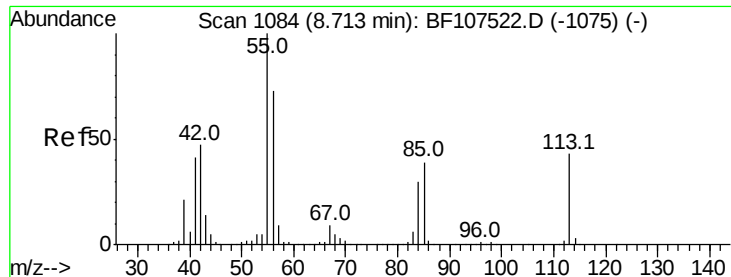
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#34
Hexachlorobutadiene
Concen: 40.983 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.5	50.6	76.0	
227	64.0	51.9	77.9	





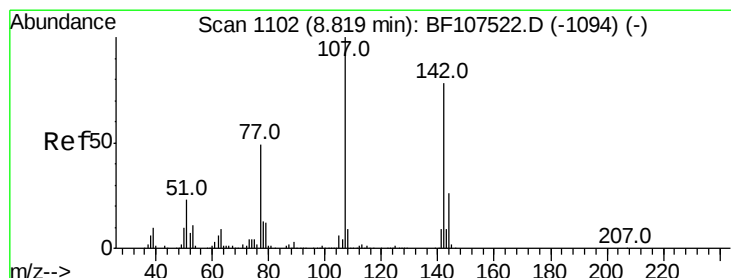
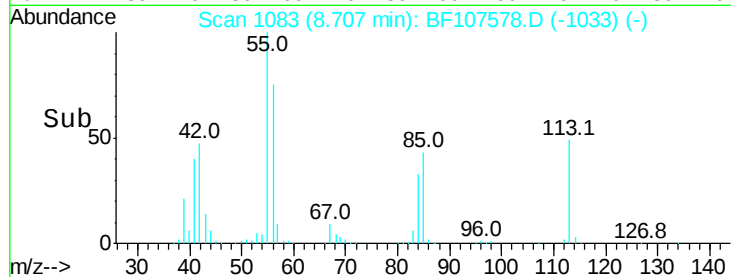
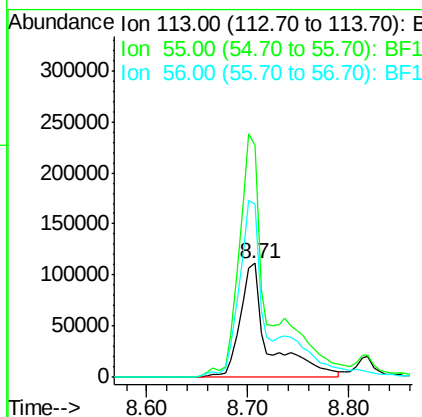
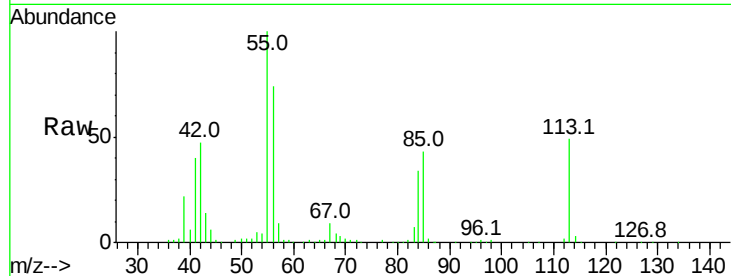
#35
Caprolactam
Concen: 43.695 ng/ml
RT: 8.71 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleID :
PB111309BSD

Tot Ion:113 Resp: 218675
Ion Ratio Lower Upper
113 100
55 204.1 163.3 203.3#
56 151.9 115.7 155.7

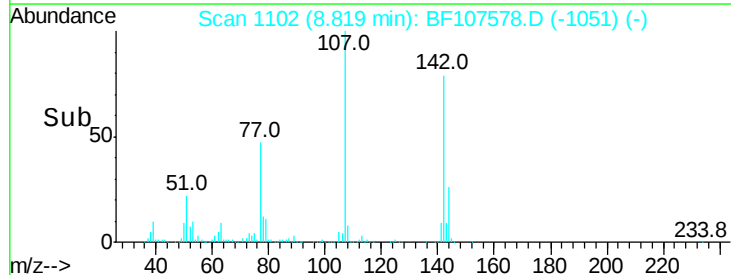
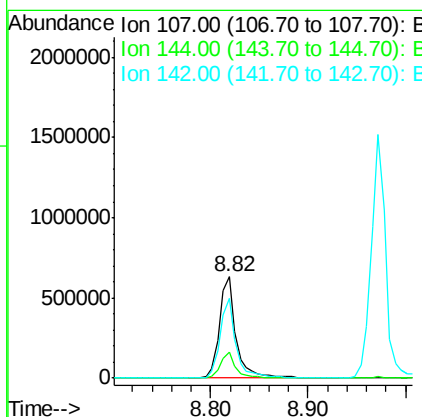
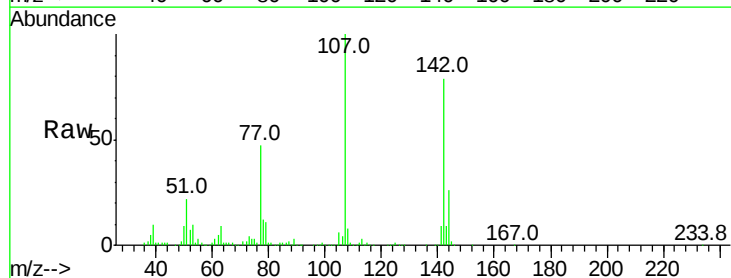
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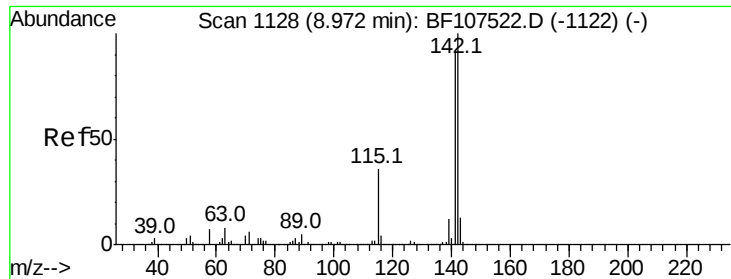
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 43.907 ng/ml
RT: 8.82 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:107 Resp: 750435
Ion Ratio Lower Upper
107 100
144 26.2 20.5 30.7
142 78.8 62.0 93.0





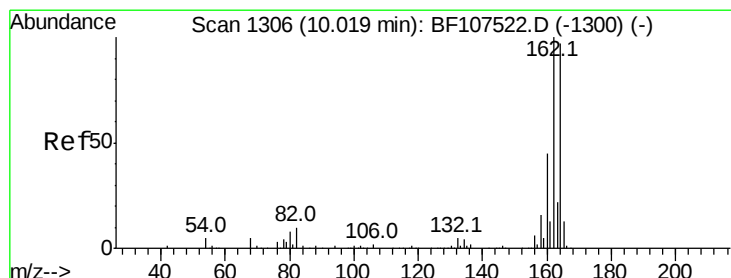
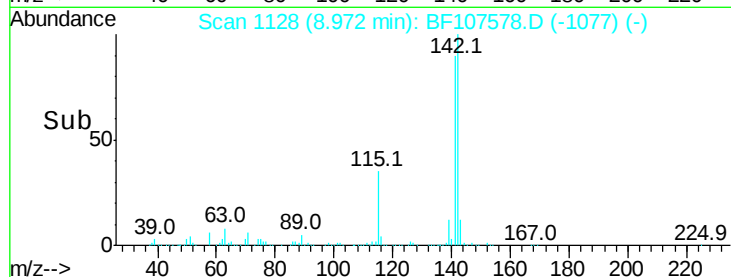
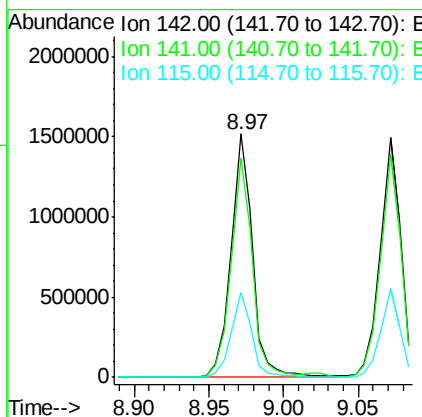
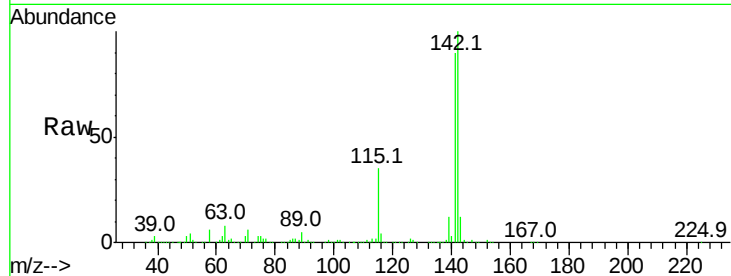
#37
2-Methylnaphthalene
Concen: 45.940 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	35.1	26.1	39.1

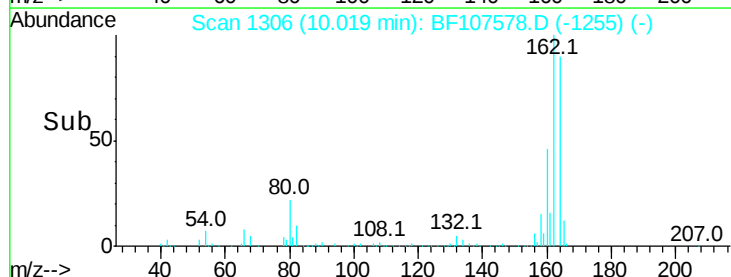
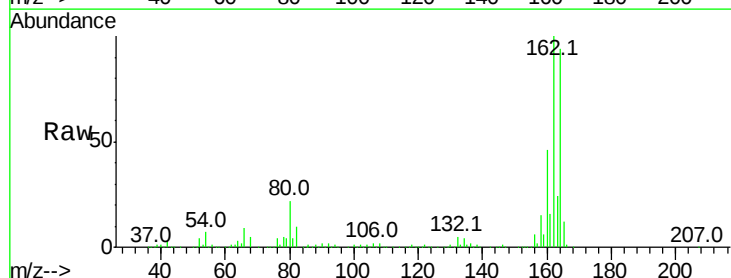
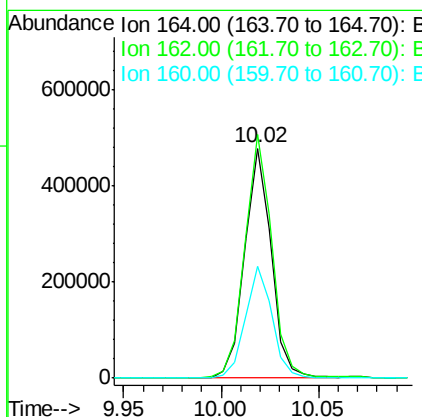
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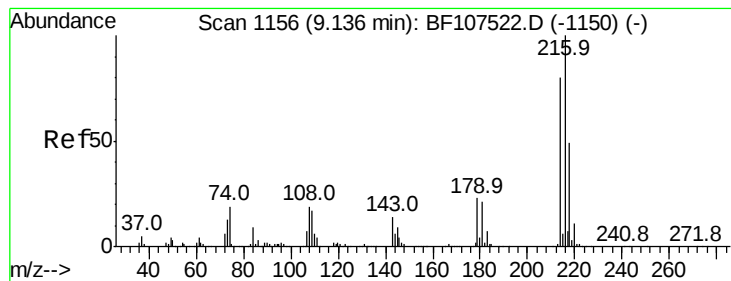
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	48.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.872 ng

RT: 9.14 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

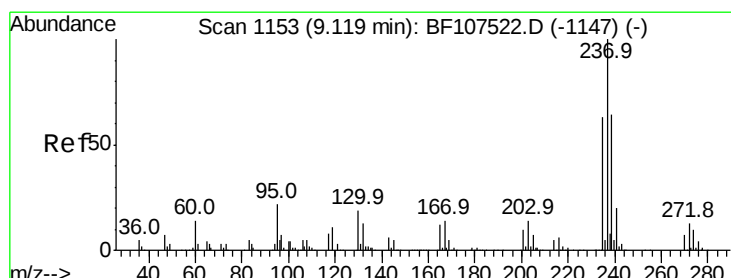
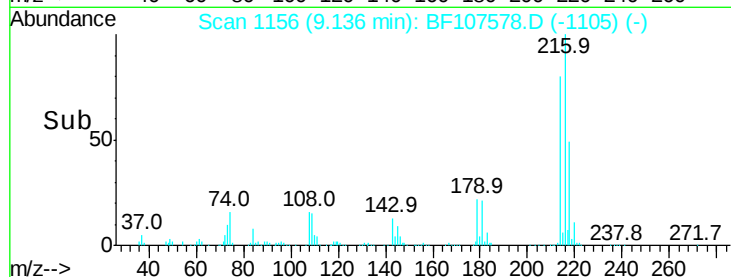
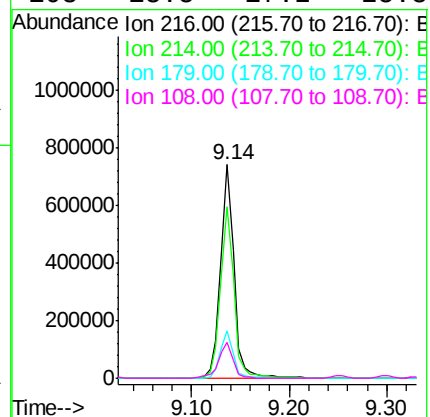
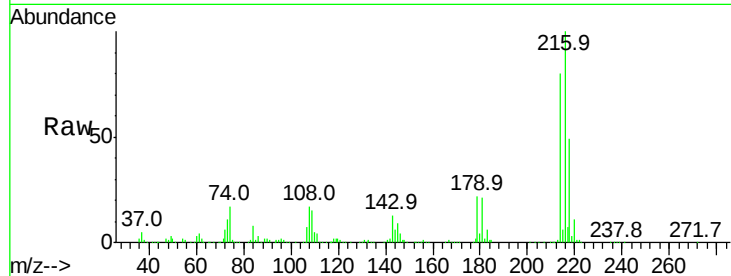
ClientSampleId :

PB111309BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	722986		
214	80.5	63.0	94.4	
179	21.4	18.1	27.1	
108	18.5	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 38.573 ng

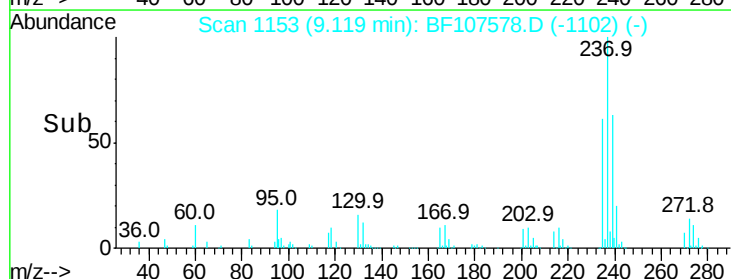
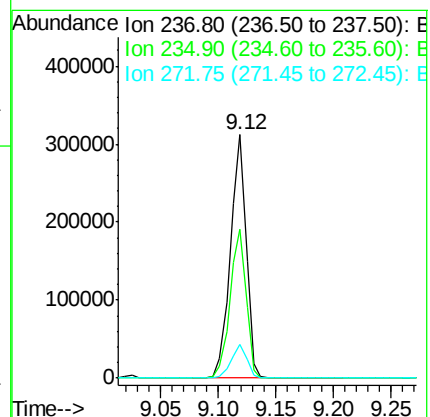
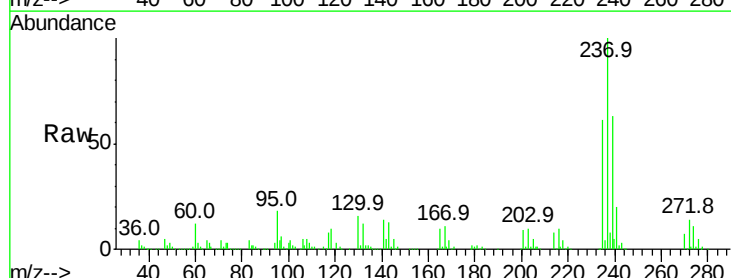
RT: 9.12 min Scan# 1153

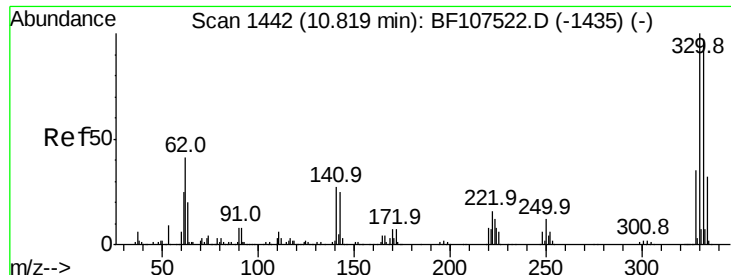
Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	296137		
235	61.1	44.8	84.8	
272	13.7	0.0	33.3	





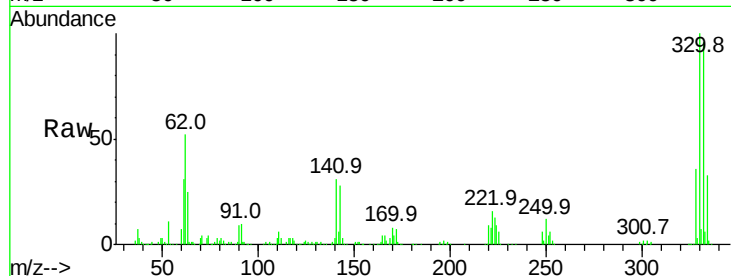
#41
 2,4,6-Tribromophenol
 Concen: 93.741 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	29.8	29.9	44.9#

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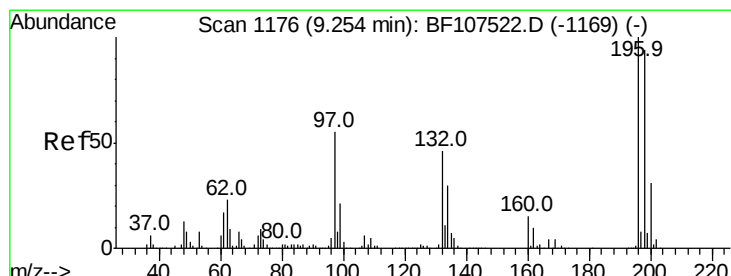
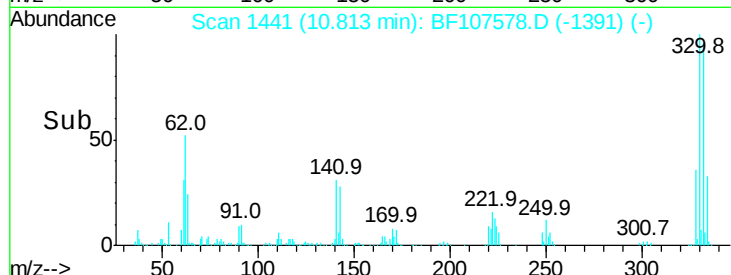
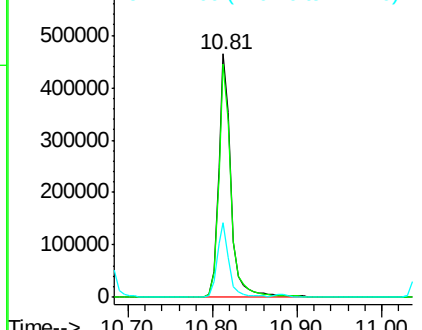


Abundance

Ion 329.80 (329.50 to 330.50): E

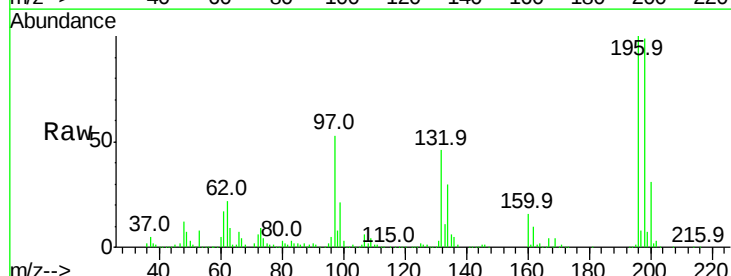
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 46.911 ng
 RT: 9.25 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	75.7	113.5
200	30.9	24.5	36.7

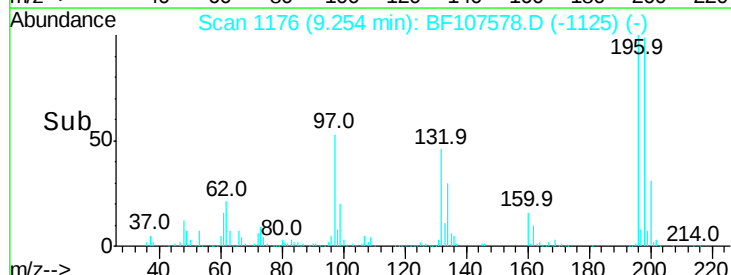
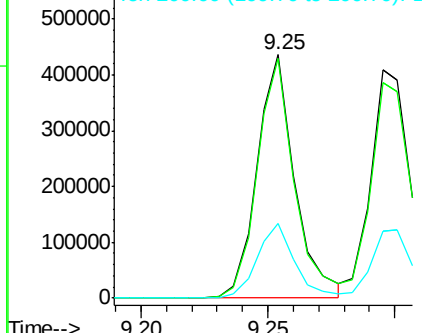


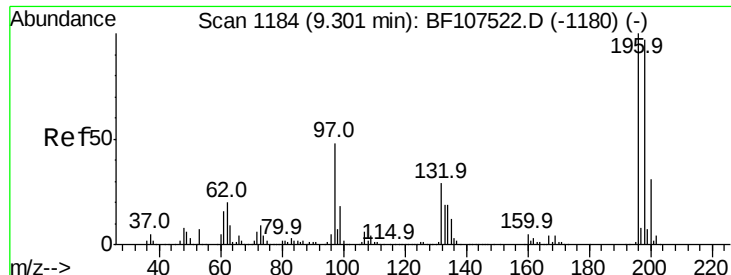
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





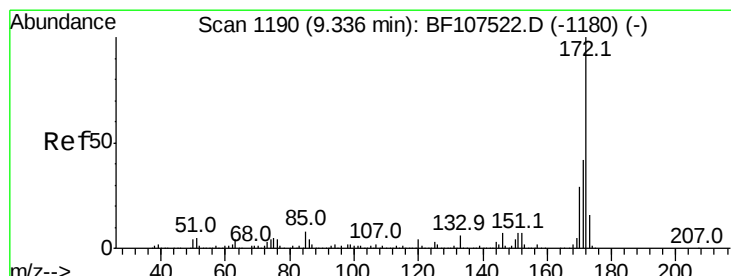
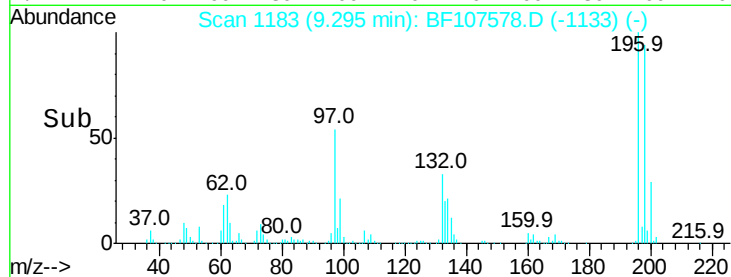
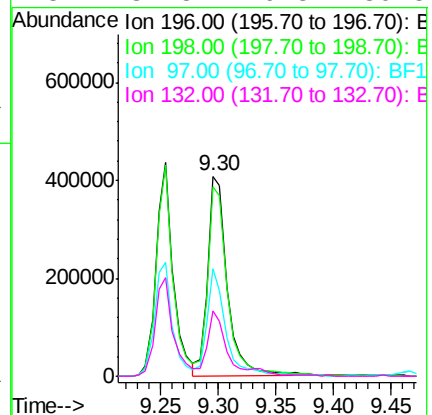
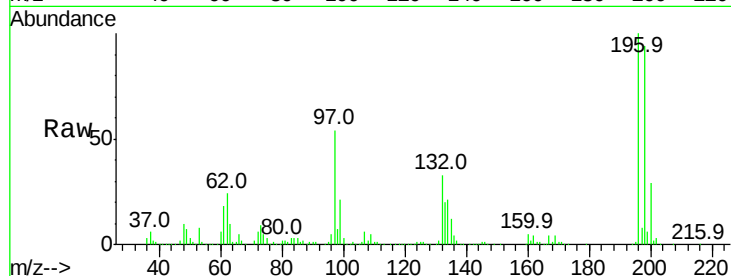
#43
 2,4,5-Trichlorophenol
 Concen: 48.379 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tot Ion:	196	Resp:	488790
Ion Ratio	Lower	Upper	
196	100		
198	94.3	74.6	112.0
97	53.8	42.9	64.3
132	32.8	26.3	39.5

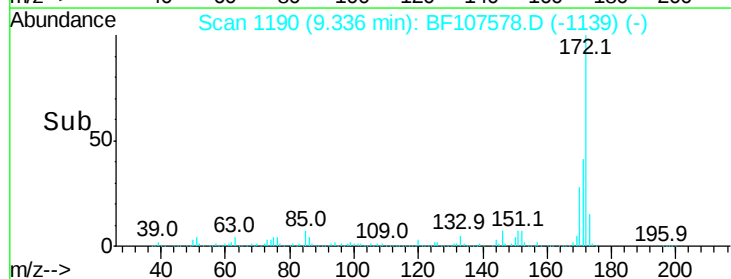
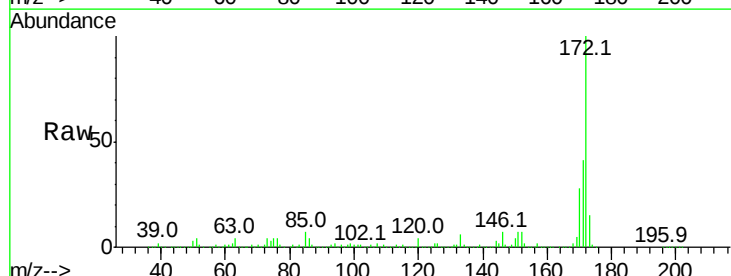
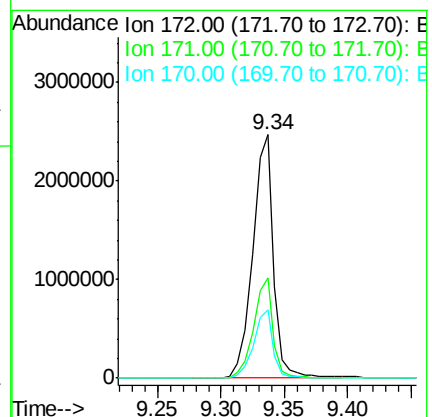
Manual Integrations
 APPROVED

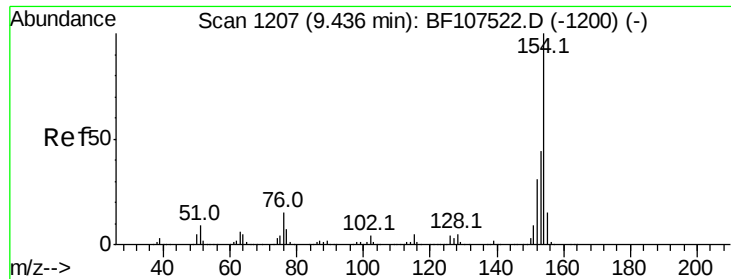
Sohil
 7/23/2018 12:45:06 PM



#44
 2-Fluorobiphenyl
 Concen: 118.198 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion:	172	Resp:	2813068
Ion Ratio	Lower	Upper	
172	100		
171	41.0	29.7	44.5
170	28.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 46.900 ng

RT: 9.44 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

Tot Ion:154 Resp: 1849936

Ion Ratio Lower Upper

154 100

153 43.1 21.3 61.3

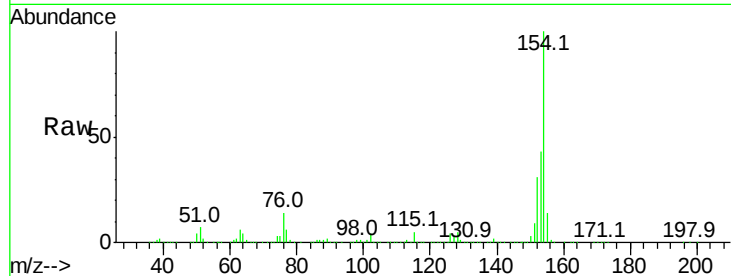
76 13.5 0.0 34.0

Manual Integrations

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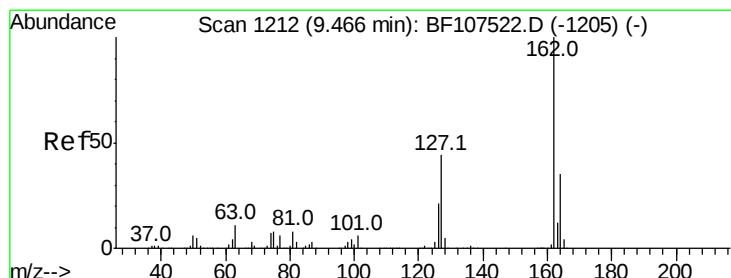
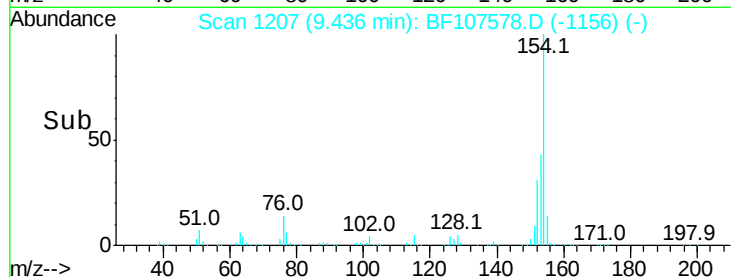
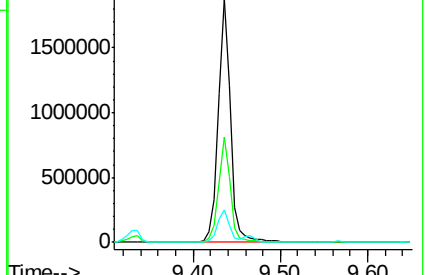
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 45.446 ng

RT: 9.47 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

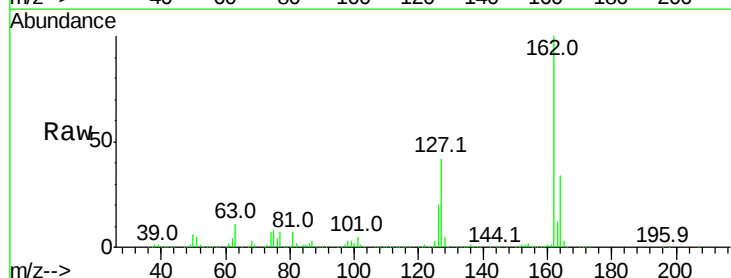
Tgt Ion:162 Resp: 1370168

Ion Ratio Lower Upper

162 100

127 42.3 33.9 50.9

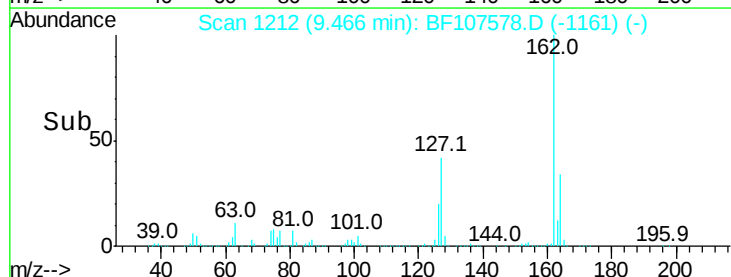
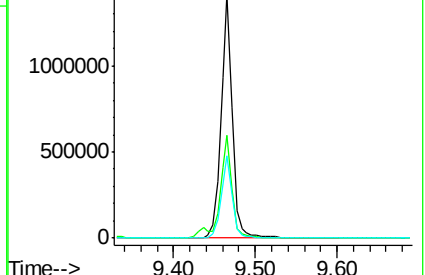
164 33.8 26.5 39.7

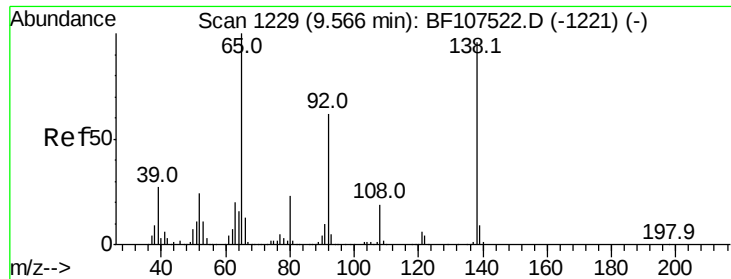


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 56.027 ng

RT: 9.57 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

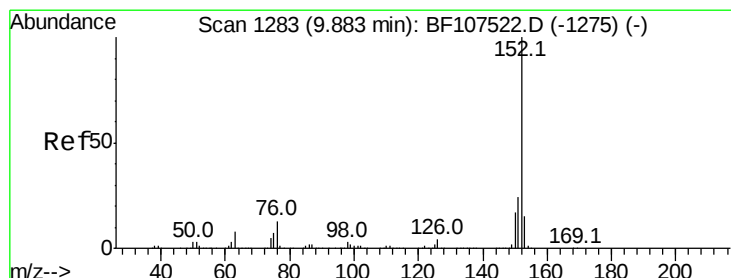
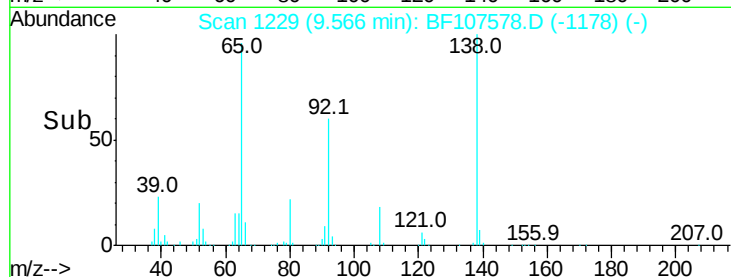
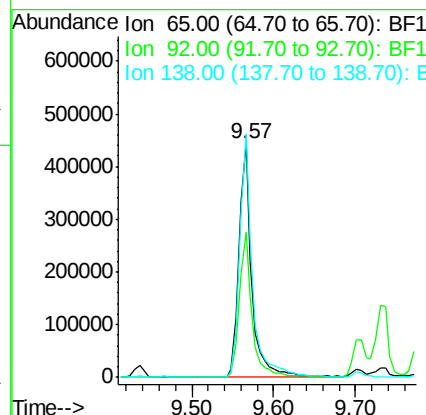
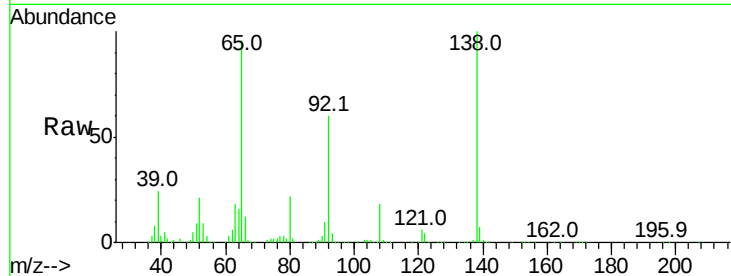
ClientSampleId :

PB111309BSD

Tot Ion:	65	Resp:	492459
Ion Ratio	Lower	Upper	
65	100		
92	62.0	55.8	83.6
138	103.9	91.2	136.8

Manual Integrations
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#48

Acenaphthylene

Concen: 47.867 ng

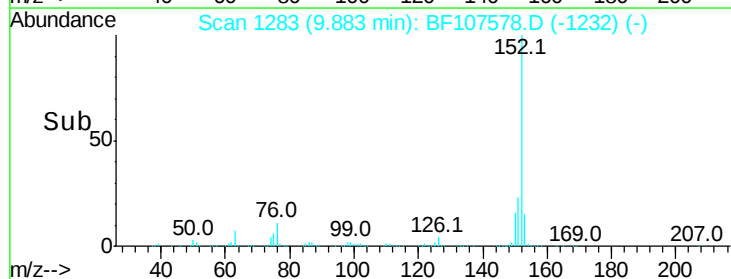
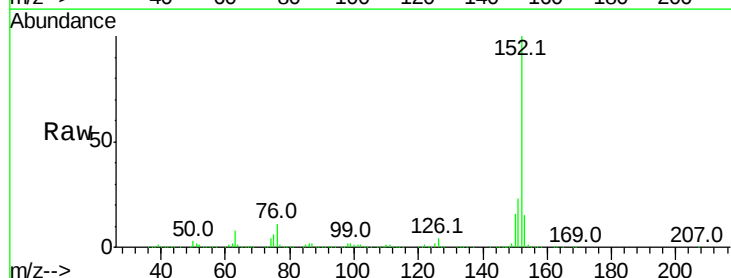
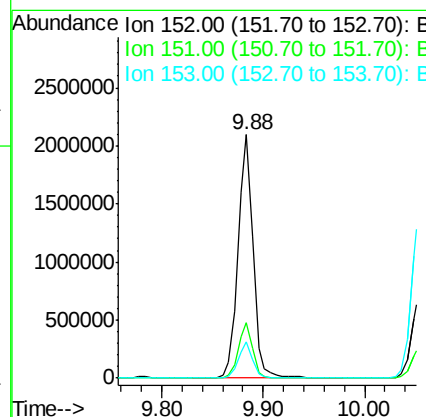
RT: 9.88 min Scan# 1283

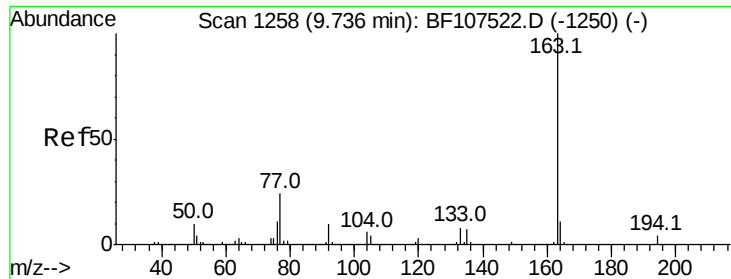
Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Tgt Ion:	152	Resp:	2167935
Ion Ratio	Lower	Upper	
152	100		
151	23.0	16.3	24.5
153	15.1	10.7	16.1





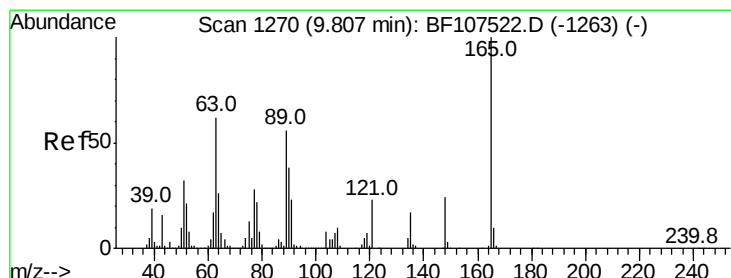
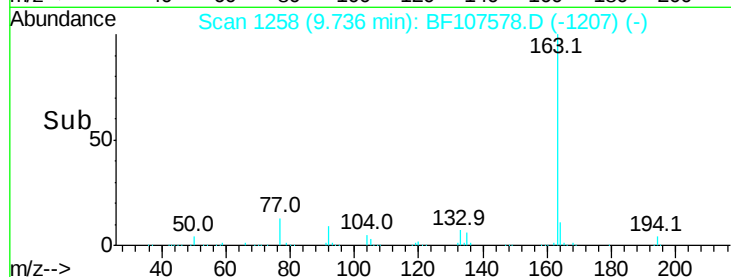
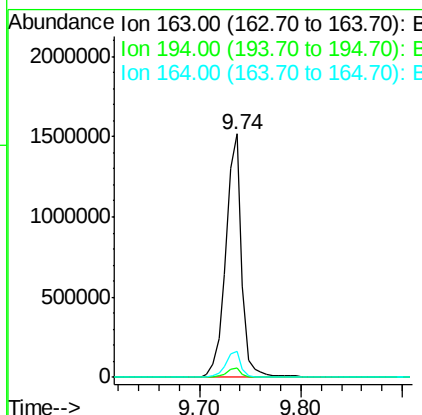
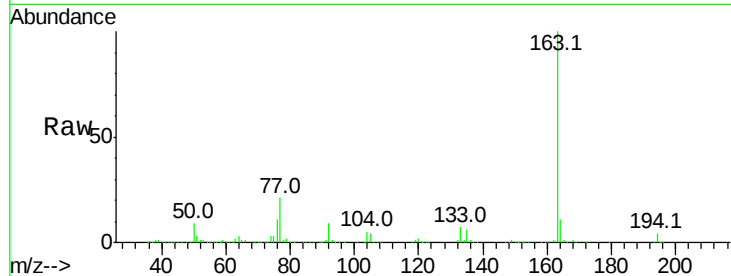
#49
Dimethylphthalate
Concen: 48.099 ng
RT: 9.74 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion:163 Resp: 1641420
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.8 8.2 12.2

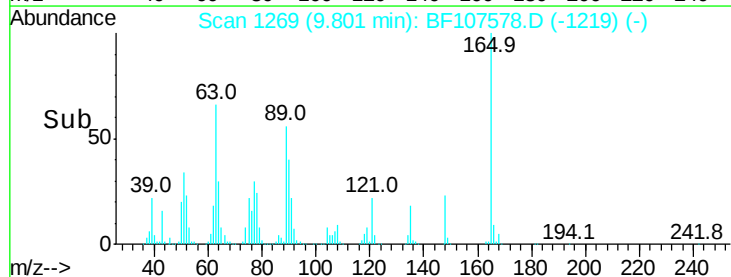
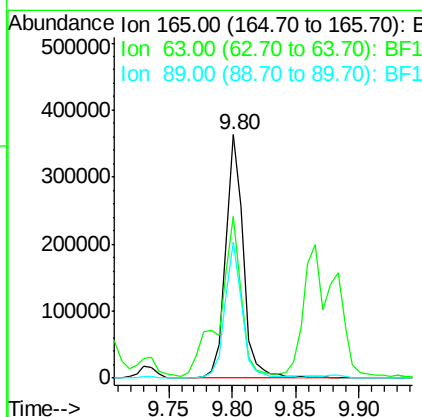
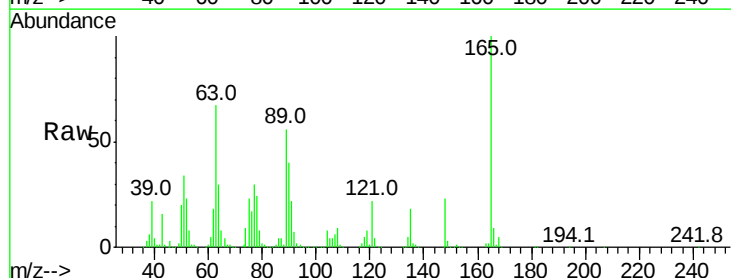
Manual Integrations
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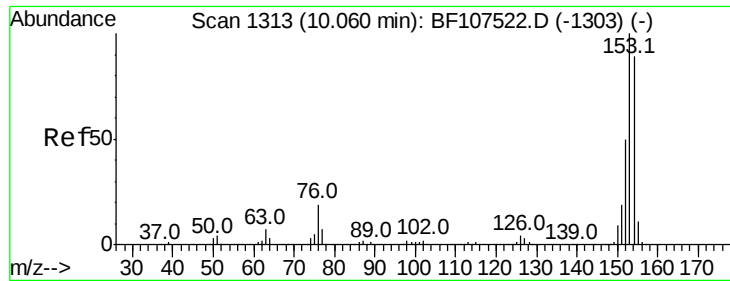
Sohil
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#50
2,6-Dinitrotoluene
Concen: 51.862 ng
RT: 9.80 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:165 Resp: 351380
Ion Ratio Lower Upper
165 100
63 66.6 44.7 67.1
89 56.0 44.0 66.0





#51

Acenaphthene

Concen: 42.771 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

Tot Ion:154 Resp: 1213733

Ion Ratio Lower Upper

154 100

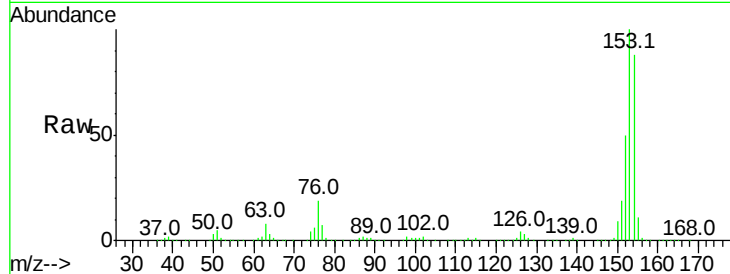
153 113.1 91.2 136.8

152 56.5 43.8 65.8

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Sohil

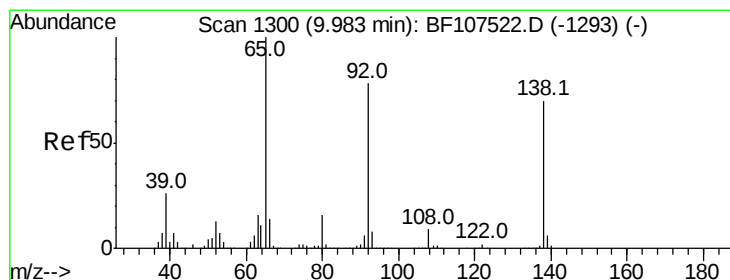
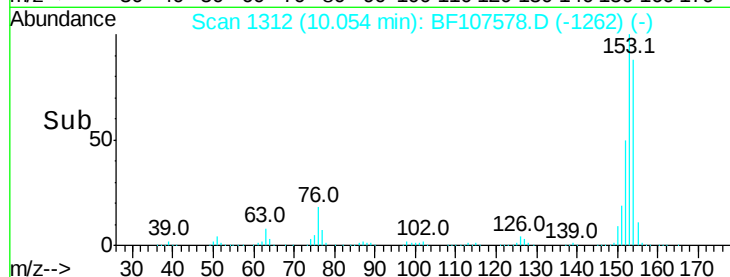
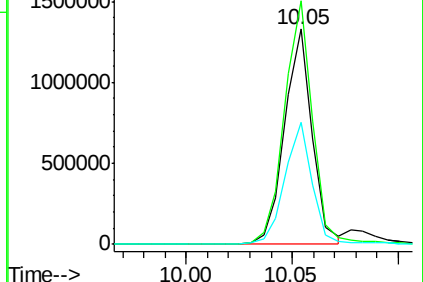
7/23/2018 12:45:06 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.034 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

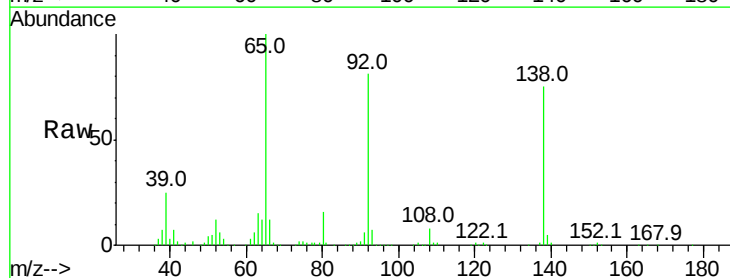
Tgt Ion:138 Resp: 255803

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

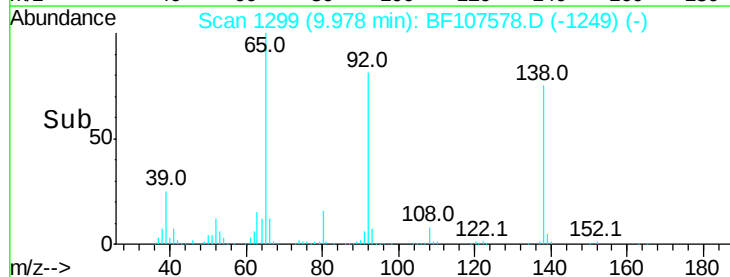
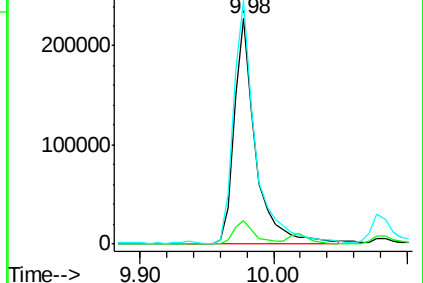
92 107.9 89.4 134.2

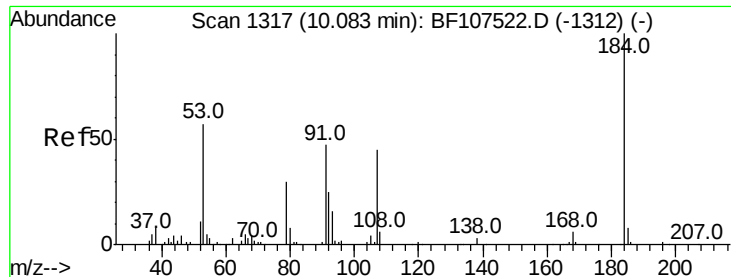


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





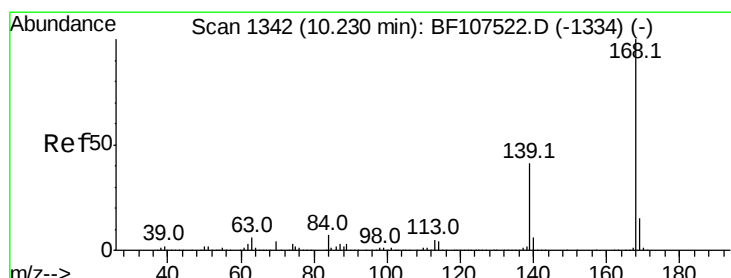
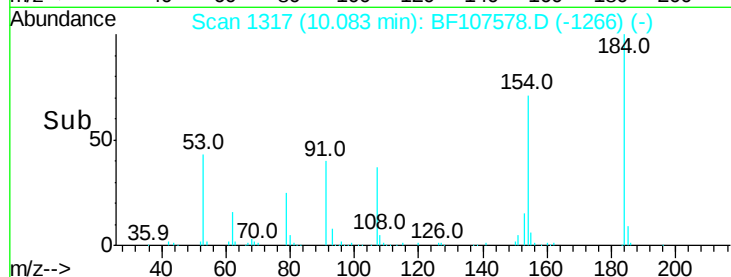
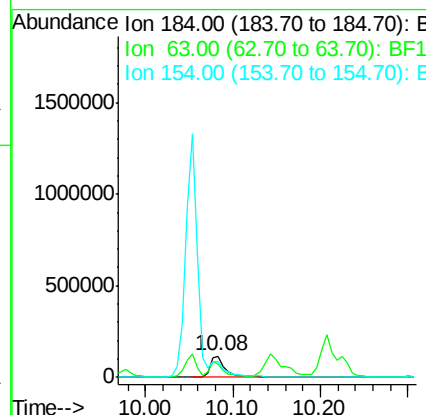
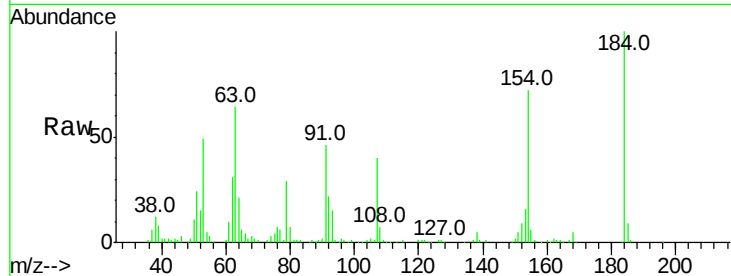
#53
 2,4-Dinitrophenol
 Concen: 55.979 ng
 RT: 10.08 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	149813		
63	63.9	54.2	81.2	
154	71.5	184.0	276.0	#

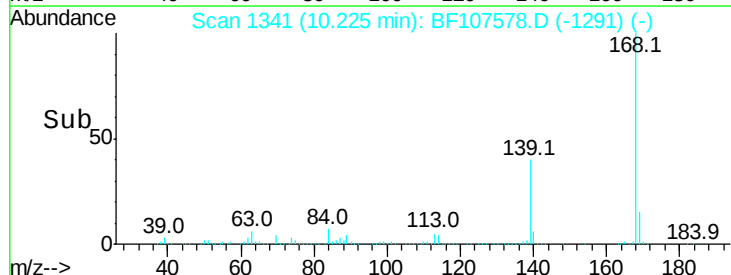
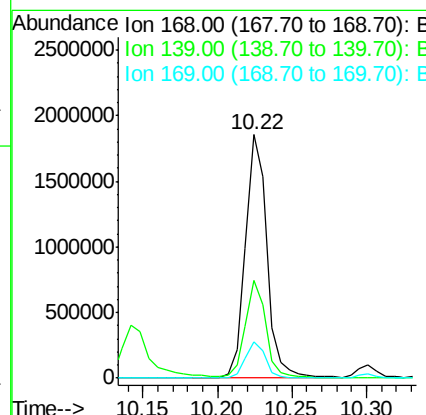
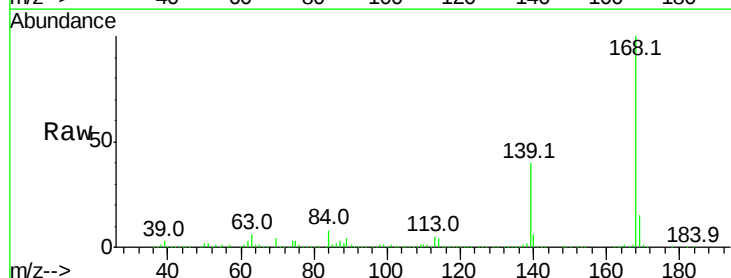
Manual Integrations
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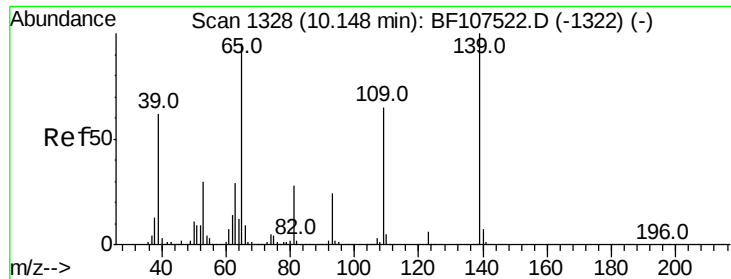
Sohil
 7/23/2018 12:45:06 PM



#54
 Dibenzofuran
 Concen: 44.754 ng
 RT: 10.22 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1869693		
139	40.3	30.1	45.1	
169	14.6	10.9	16.3	





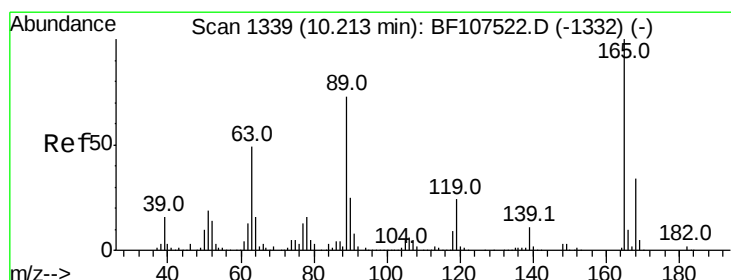
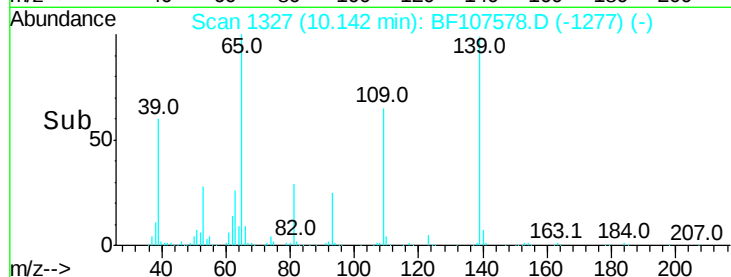
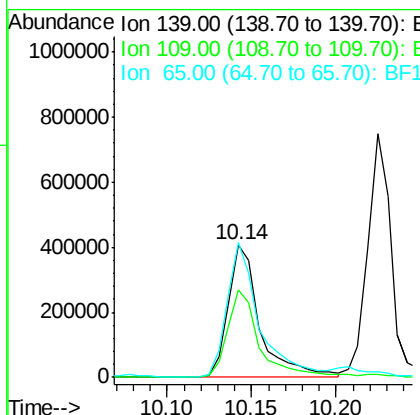
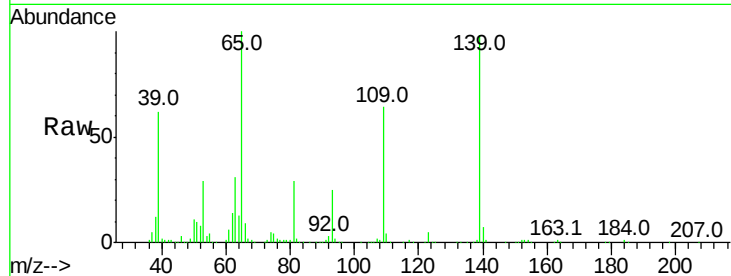
#55
4-Nitrophenol
Concen: 85.925 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.7	48.4	88.4	
65	101.9	72.6	112.6	

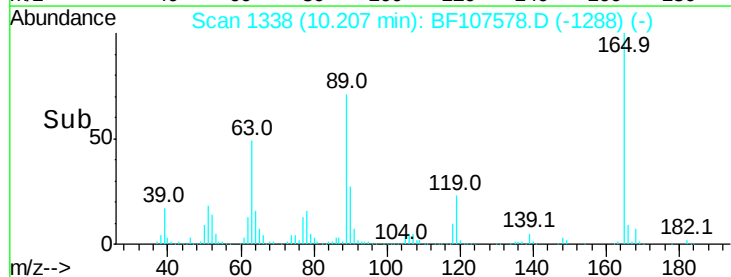
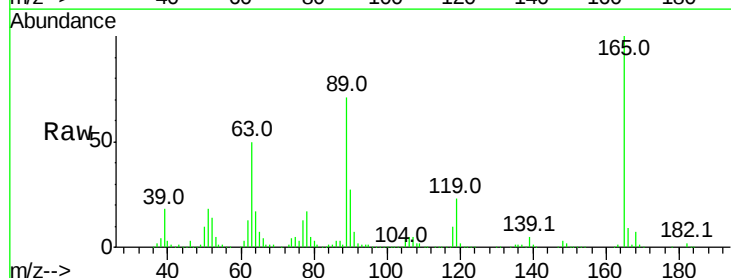
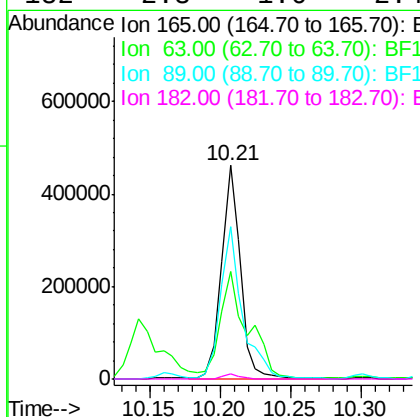
Manual Integrations
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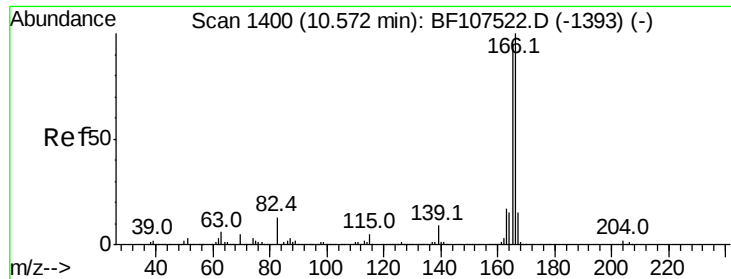
Sohil
7/23/2018 12:45:06 PM



#56
2,4-Dinitrotoluene
Concen: 52.278 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.3	36.4	54.6	
89	71.2	57.8	86.6	
182	2.3	1.6	2.4	





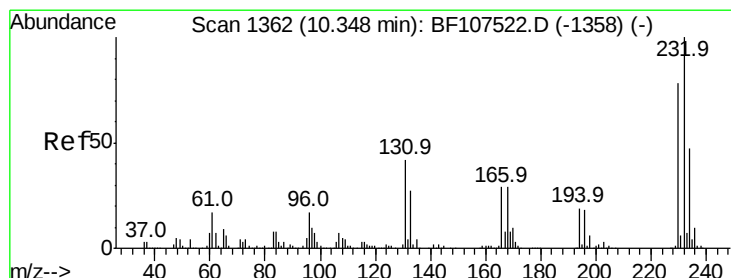
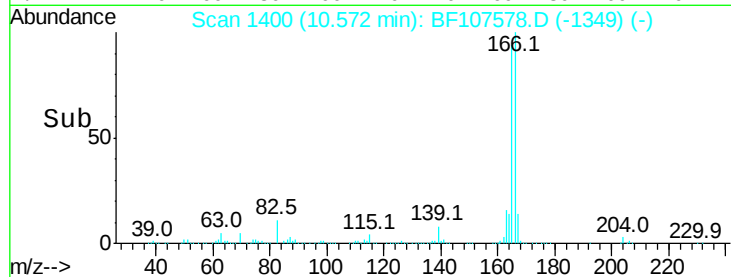
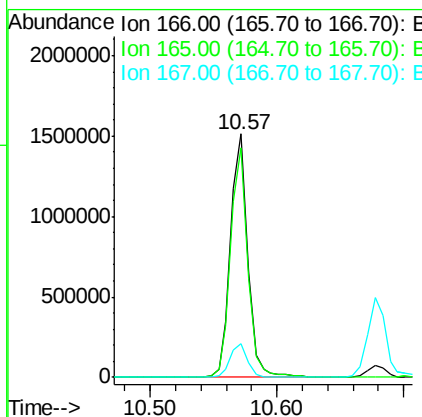
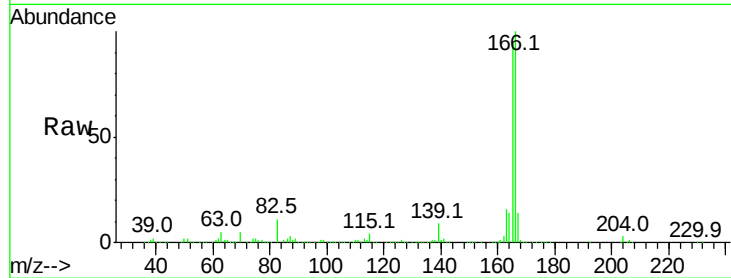
#57
 Fluorene
 Concen: 48.000 ng
 RT: 10.57 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tot Ion:166 Resp: 1430619
 Ion Ratio Lower Upper
 166 100
 165 94.0 79.8 119.8
 167 14.0 10.6 16.0

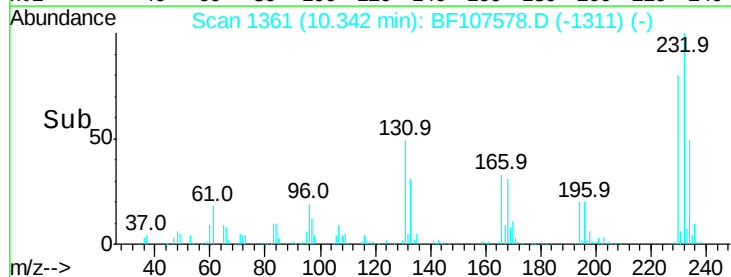
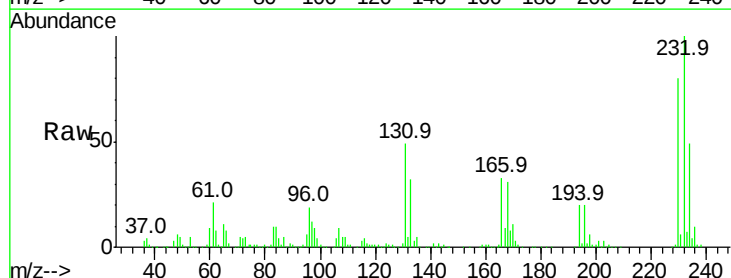
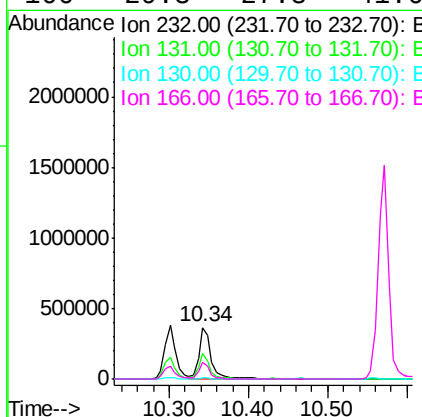
Manual Integrations
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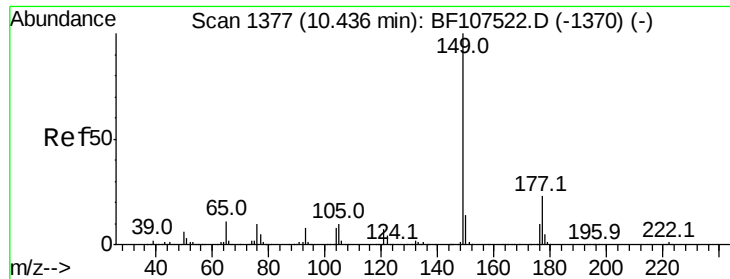
Sohil
 7/23/2018 12:45:06 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.131 ng
 RT: 10.34 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion:232 Resp: 396308
 Ion Ratio Lower Upper
 232 100
 131 42.5 43.8 65.8#
 130 1.7 2.1 3.1#
 166 29.3 27.8 41.6





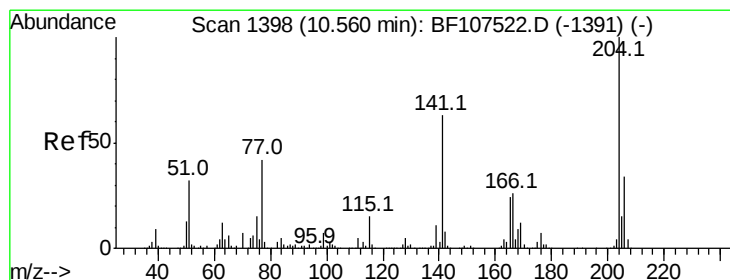
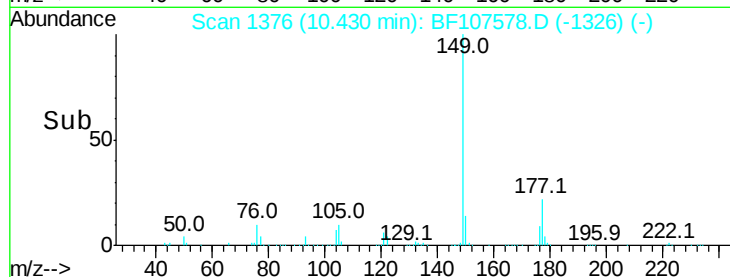
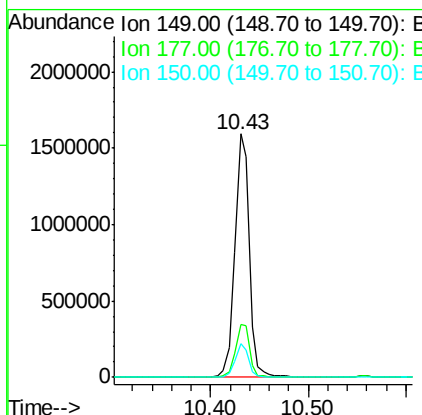
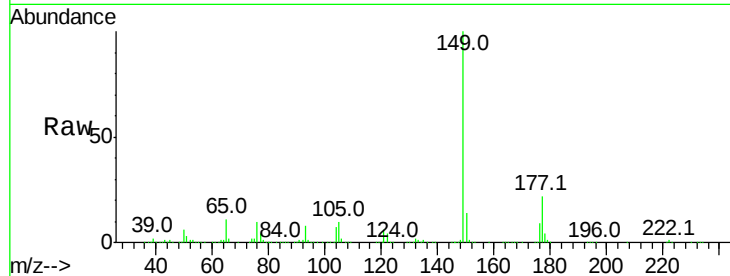
#59
Diethylphthalate
Concen: 45.875 ng
RT: 10.43 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion:149 Resp: 1635020
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 13.7 10.1 15.1

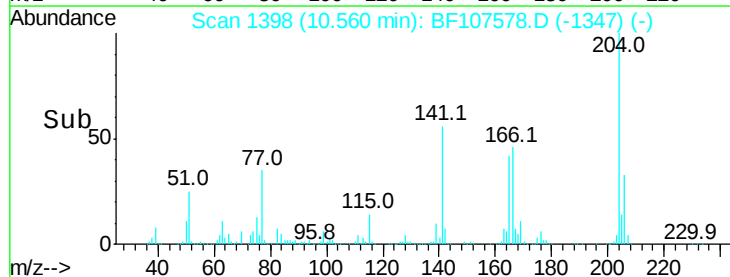
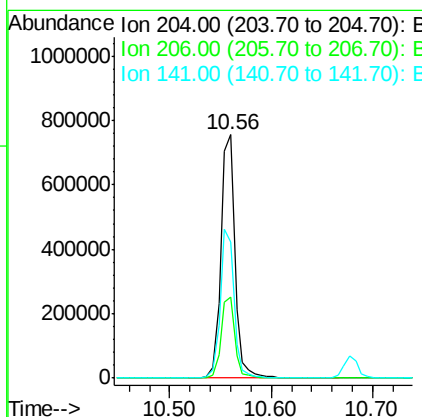
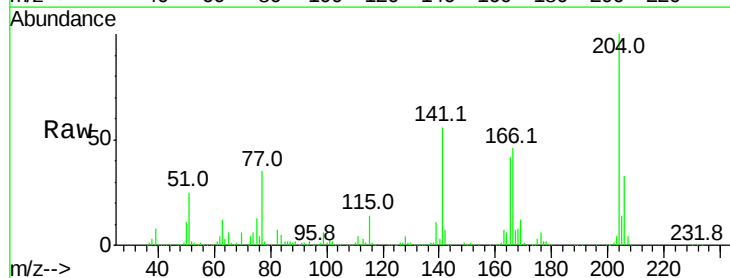
Manual Integrations
APPROVED

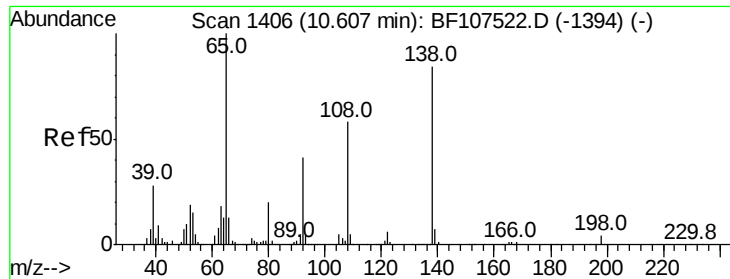
Sohil
7/23/2018 12:45:06 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.173 ng
RT: 10.56 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:204 Resp: 727437
Ion Ratio Lower Upper
204 100
206 33.3 26.5 39.7
141 56.0 54.6 81.8





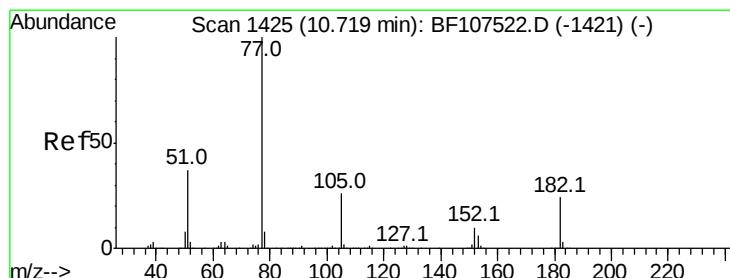
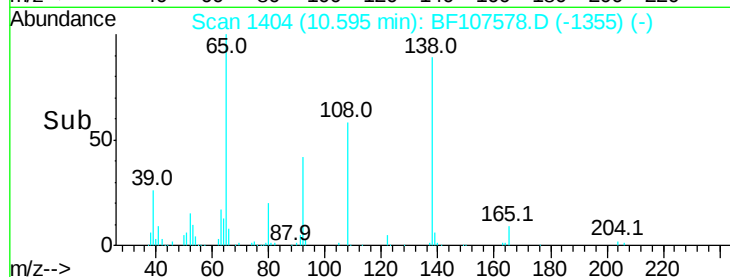
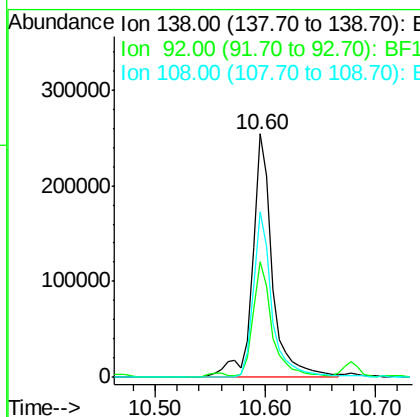
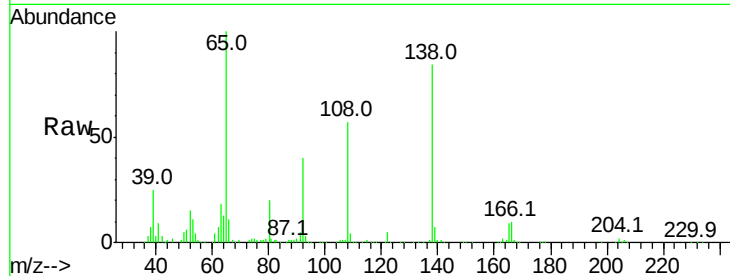
#61
4-Nitroaniline
Concen: 46.484 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.6	30.2	70.2
108	67.8	52.5	92.5

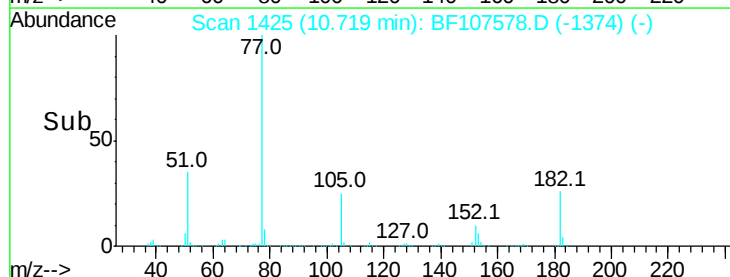
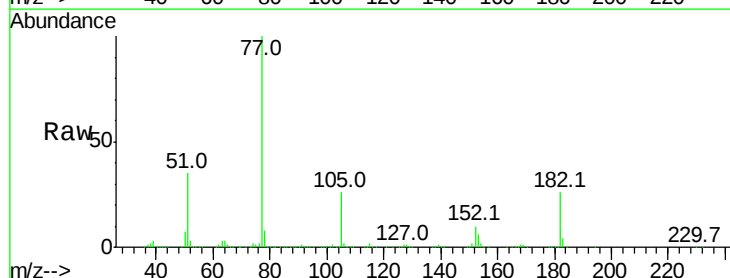
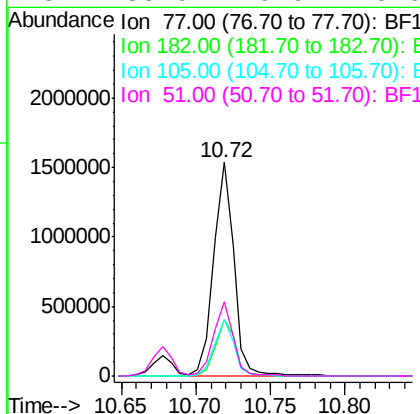
Manual Integrations
APPROVED

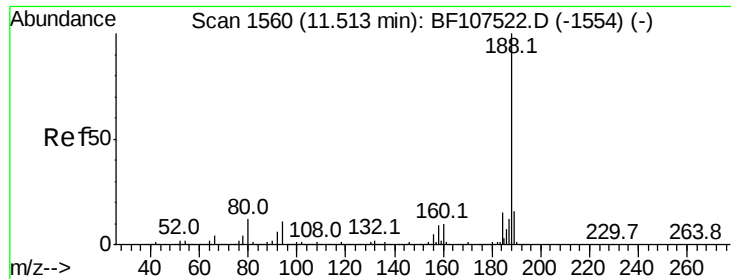
Sohil
7/23/2018 12:45:06 PM



#62
Azobenzene
Concen: 43.272 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	1.7	41.7
105	26.2	3.0	43.0
51	35.0	9.9	49.9





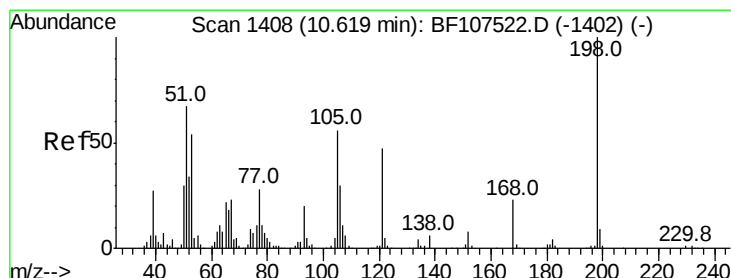
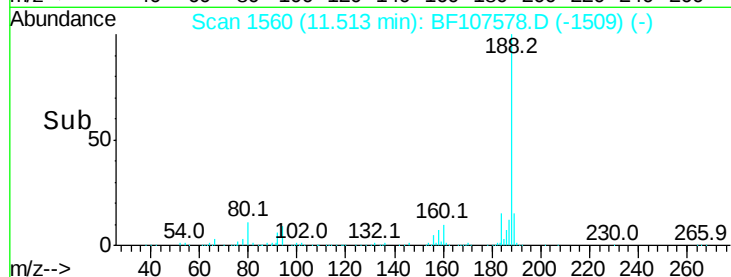
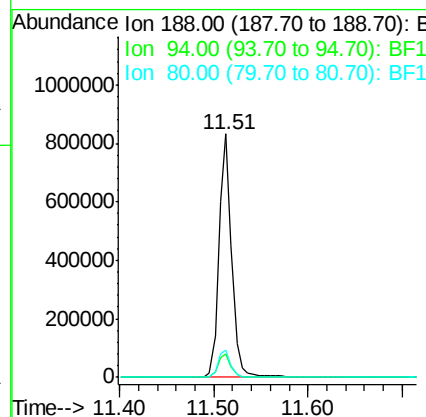
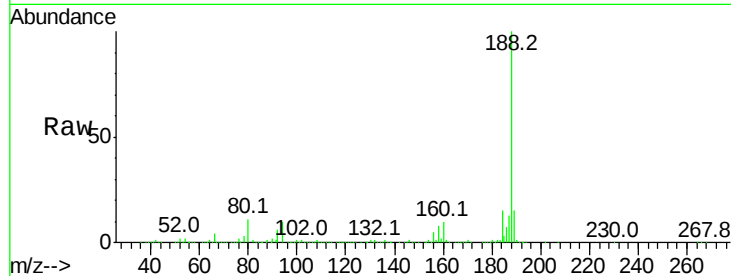
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	797096		
94	9.9	8.5	12.7	
80	11.0	9.2	13.8	

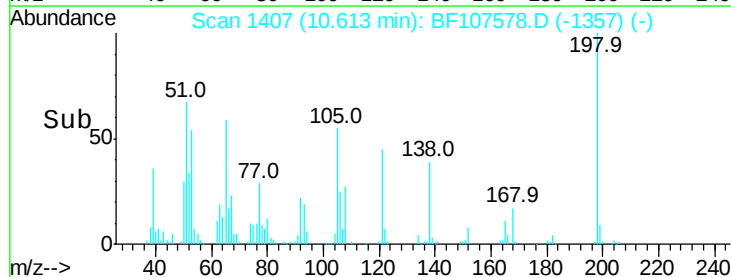
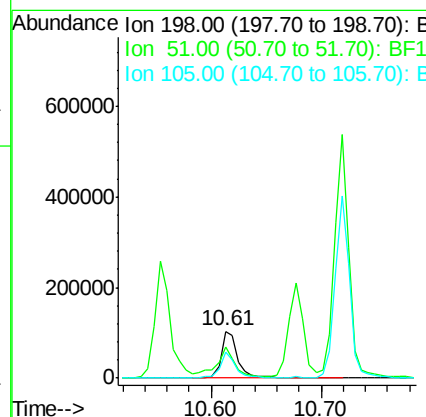
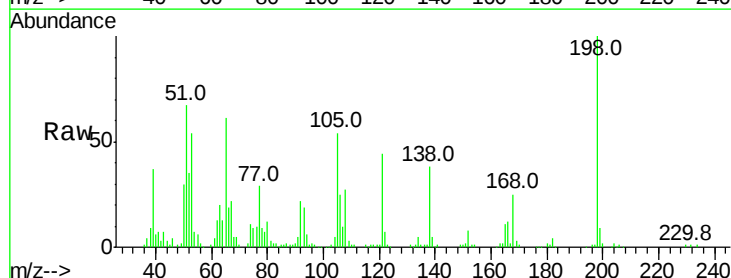
Manual Integrations
APPROVED

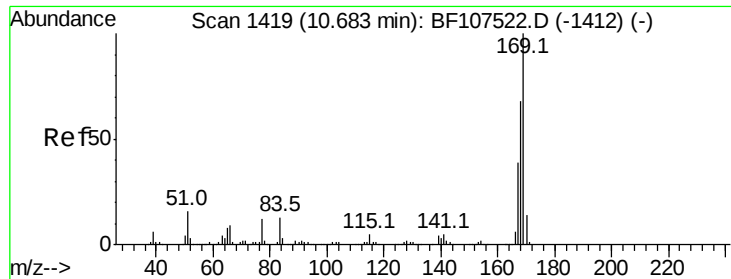
Sohil
7/23/2018 12:45:06 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 31.911 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	109126		
51	66.9	37.7	77.7	
105	54.1	36.3	76.3	





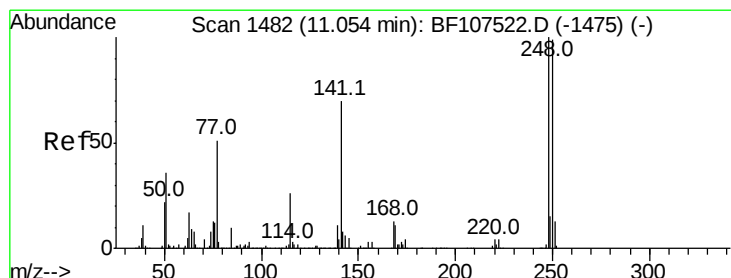
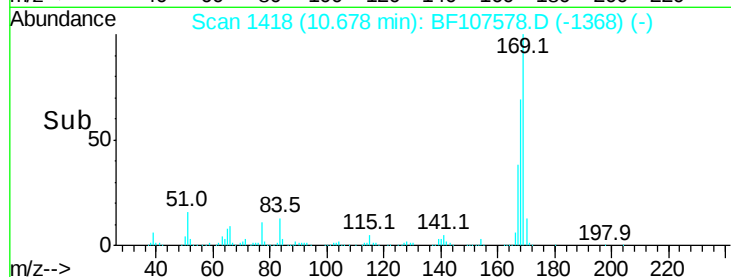
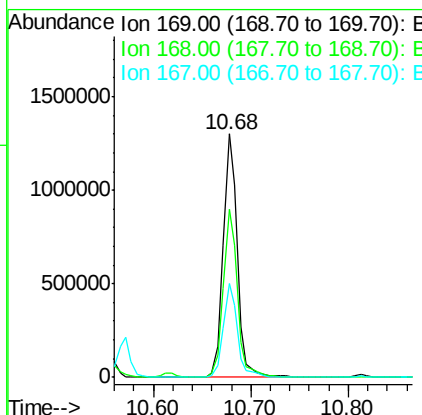
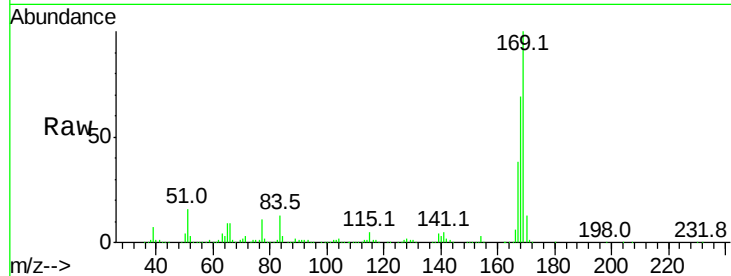
#65
n-Nitrosodiphenylamine
Concen: 48.342 ng
RT: 10.68 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion:169 Resp: 1308690
Ion Ratio Lower Upper
169 100
168 68.8 54.4 81.6
167 38.3 29.8 44.6

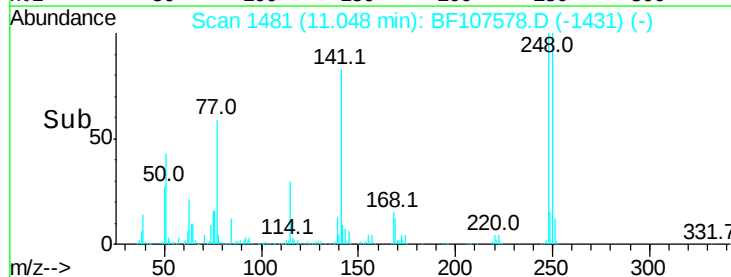
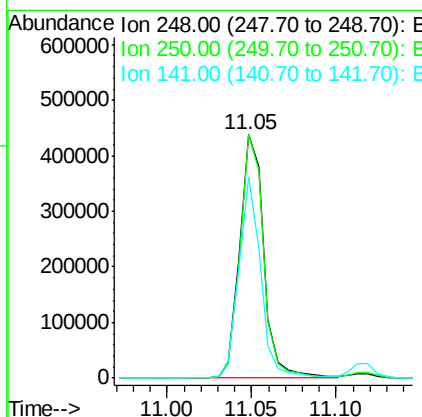
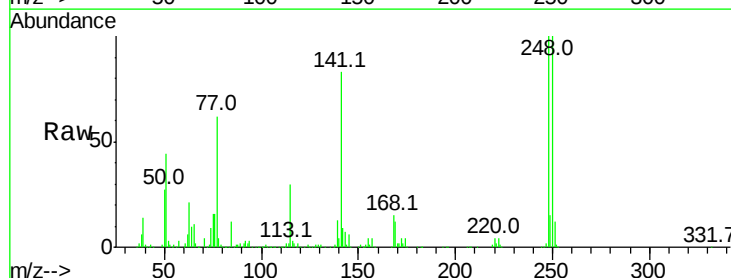
Manual Integrations
APPROVED

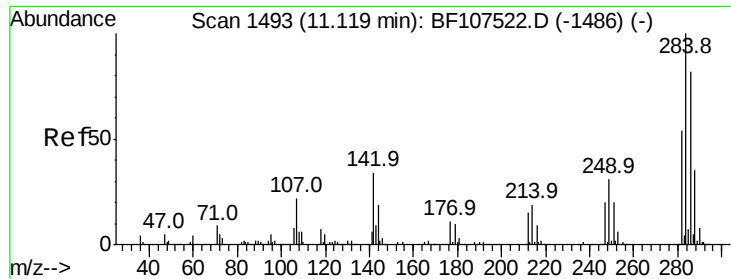
Sohil
7/23/2018 12:45:06 PM



#66
4-Bromophenyl-phenylether
Concen: 46.285 ng
RT: 11.05 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:248 Resp: 434301
Ion Ratio Lower Upper
248 100
250 100.2 76.9 115.3
141 83.1 74.4 111.6





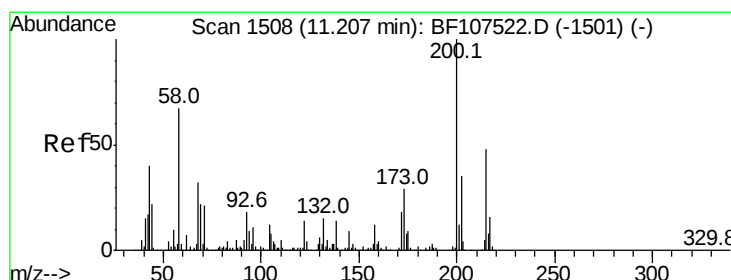
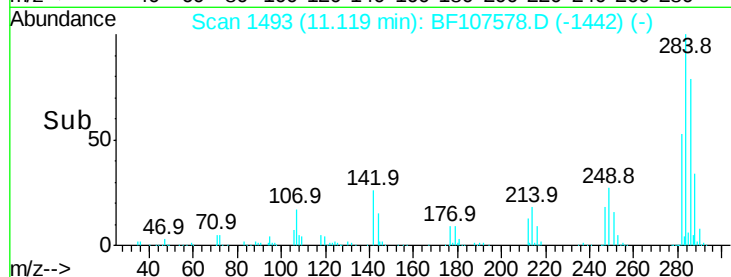
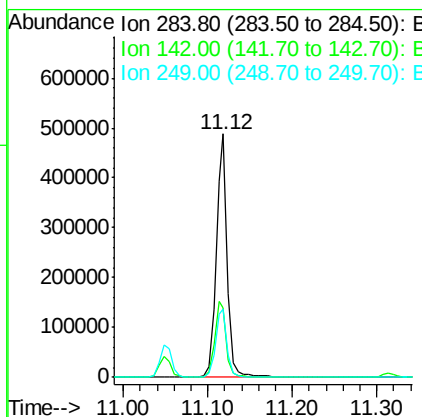
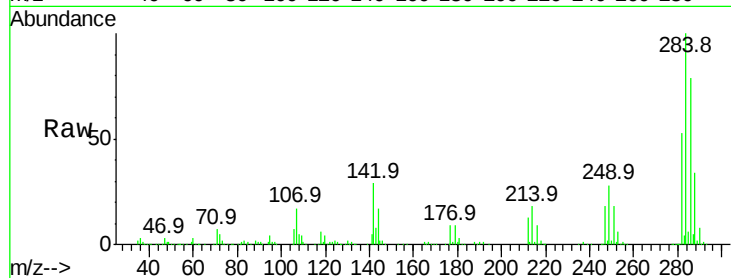
#67
Hexachlorobenzene
Concen: 43.885 ng
RT: 11.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.8	34.6	52.0	
249	28.2	24.8	37.2	

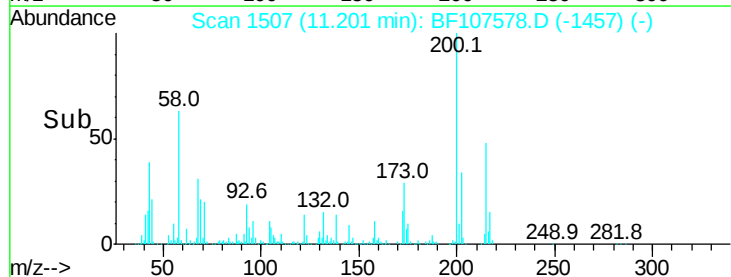
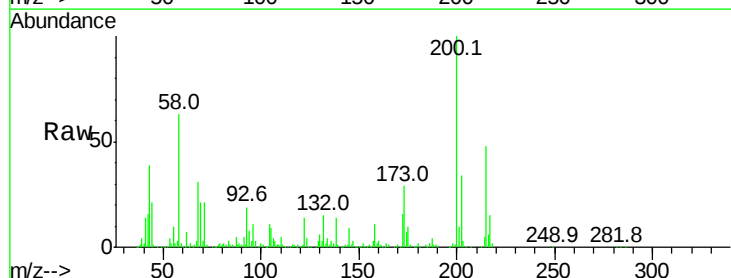
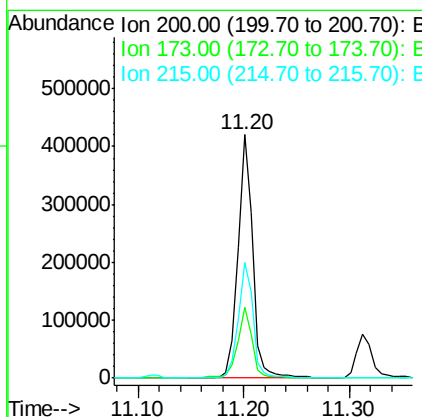
Manual Integrations
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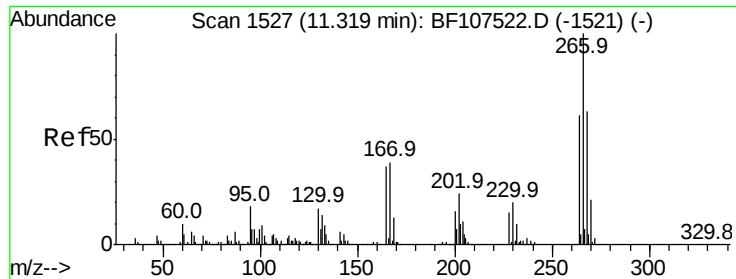
Sohil
7/23/2018 12:45:06 PM



#68
Atrazine
Concen: 48.295 ng
RT: 11.20 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.8	8.6	48.6	
215	47.6	25.1	65.1	





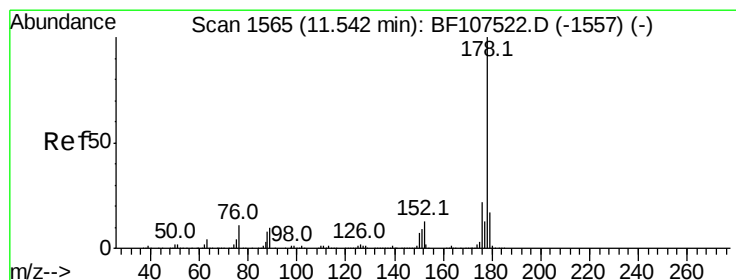
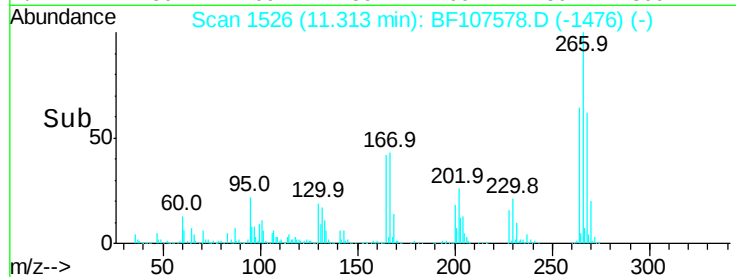
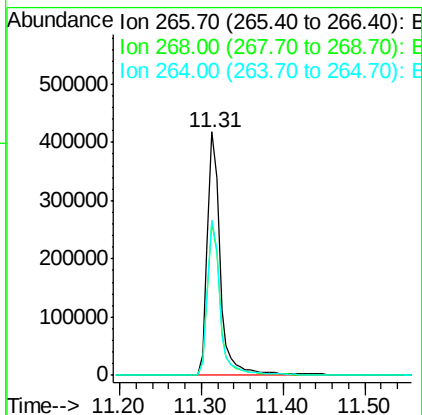
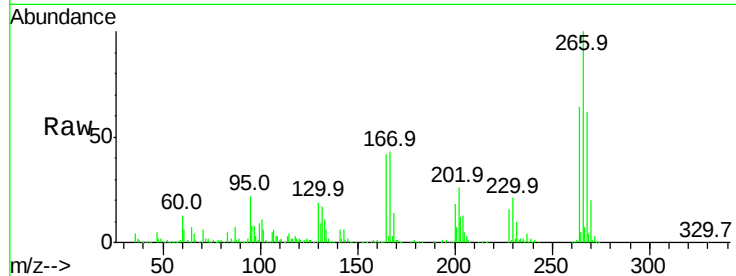
#69
 Pentachlorophenol
 Concen: 71.687 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	462293		
268	62.5	51.1	76.7	
264	63.6	49.5	74.3	

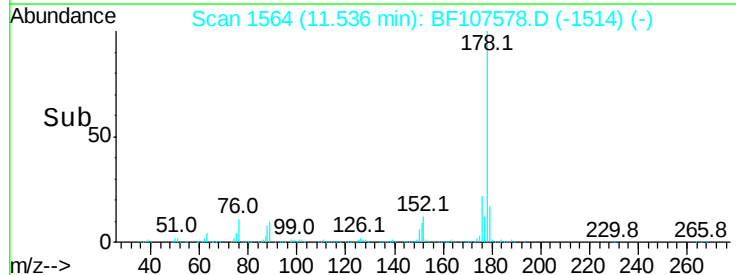
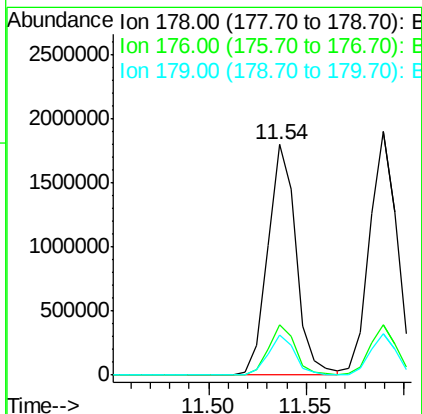
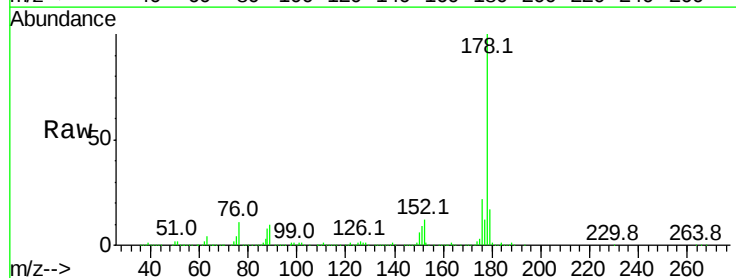
Manual Integrations
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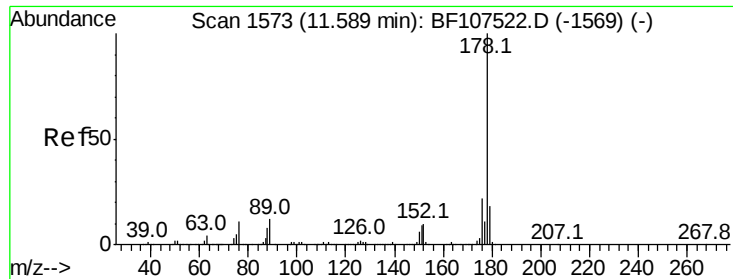
Sohil
 7/23/2018 12:45:06 PM



#70
 Phenanthrene
 Concen: 46.295 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1798211		
176	21.8	15.8	23.8	
179	17.2	13.0	19.6	





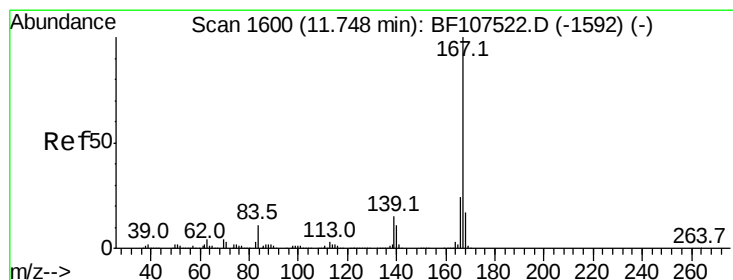
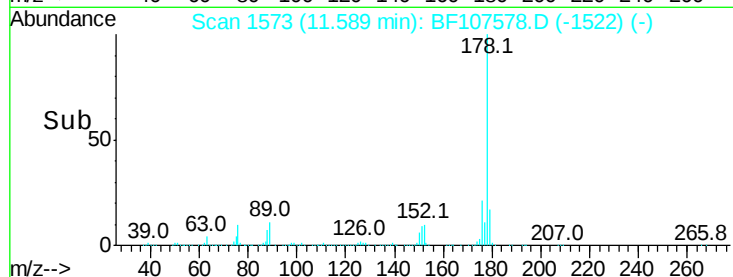
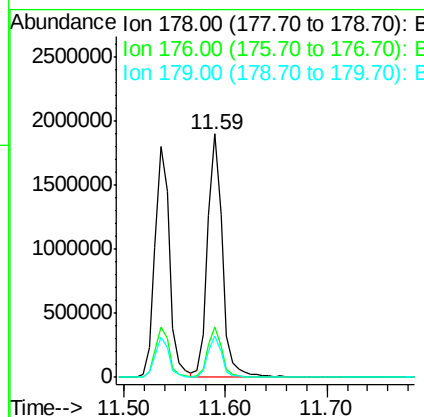
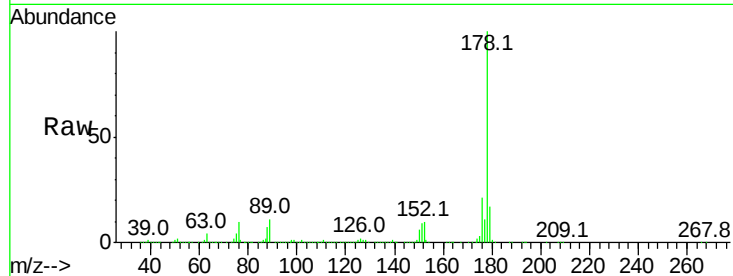
#71
 Anthracene
 Concen: 49.159 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.4	23.2
179	16.9	12.6	19.0

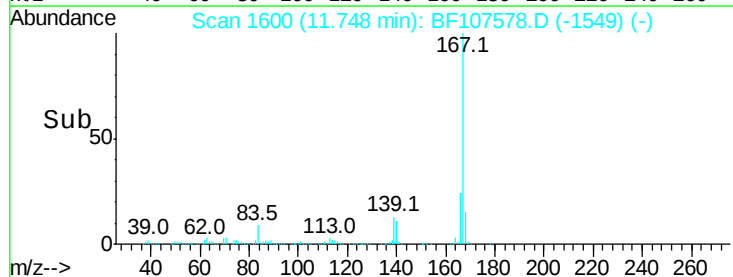
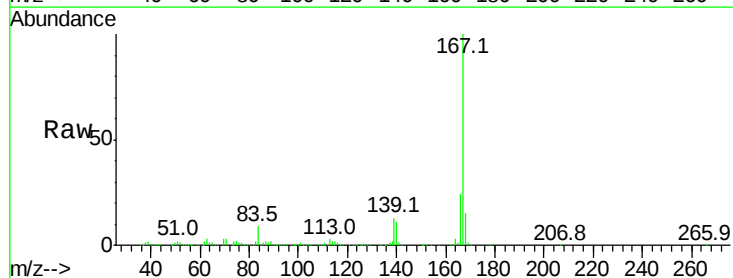
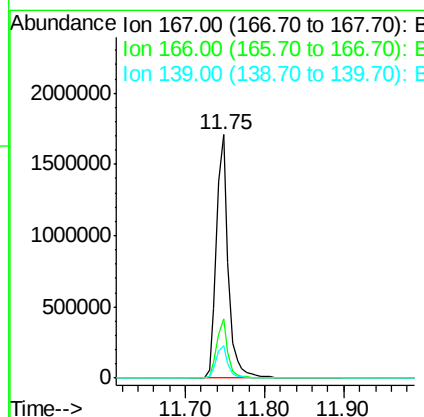
Manual Integrations
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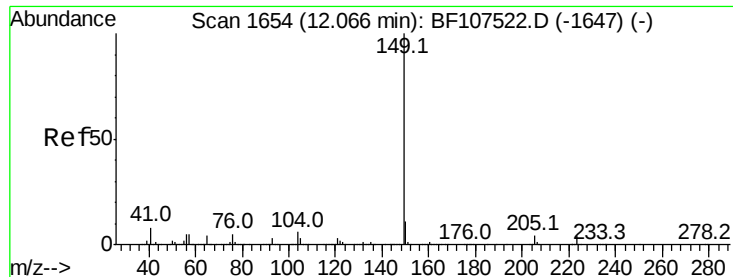
Sohil
 7/23/2018 12:45:06 PM



#72
 Carbazole
 Concen: 43.742 ng
 RT: 11.75 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.2	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 56.383 ng

RT: 12.06 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

Tot Ion:149 Resp: 2187853

Ion Ratio Lower Upper

149 100

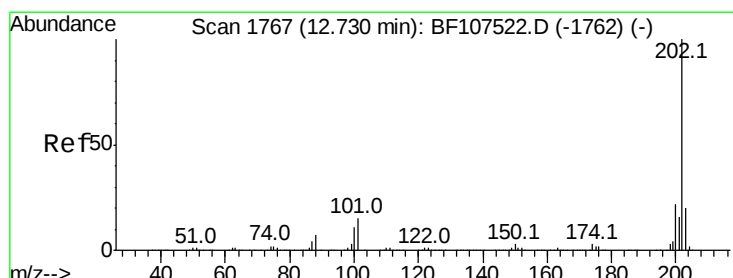
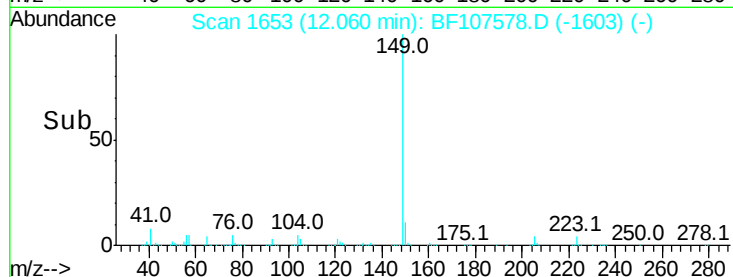
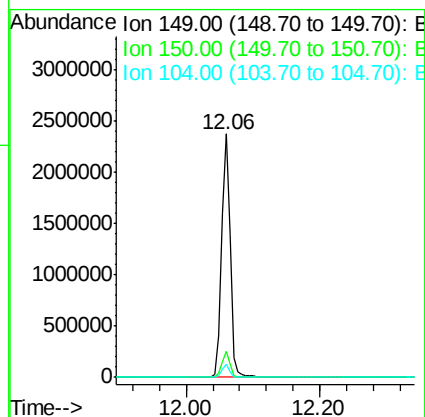
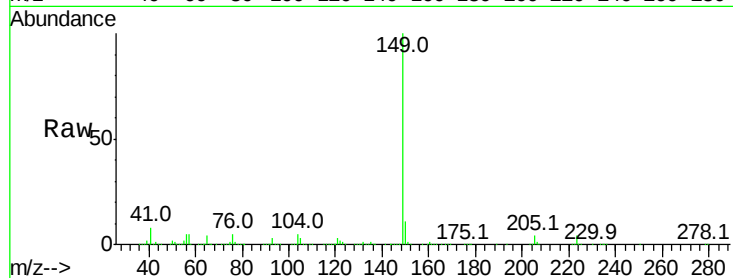
150 10.7 7.8 11.6

104 5.4 3.8 5.8

Manual Integrations
APPROVED

Sohil

7/23/2018 12:45:06 PM



#74

Fluoranthene

Concen: 45.829 ng

RT: 12.73 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

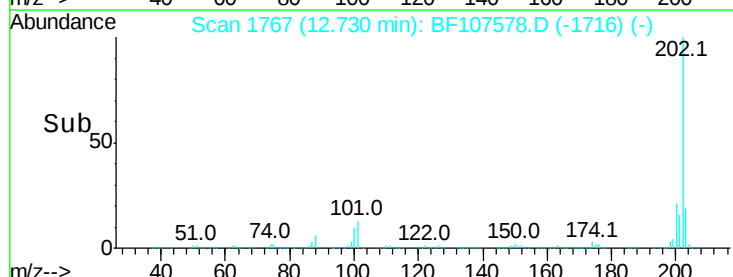
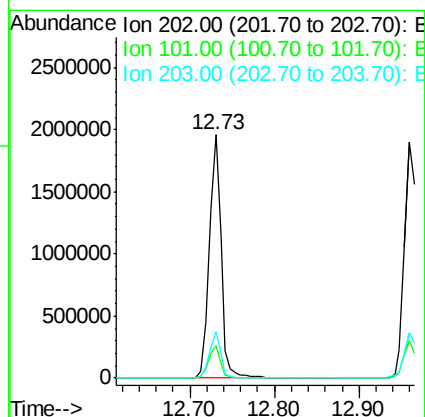
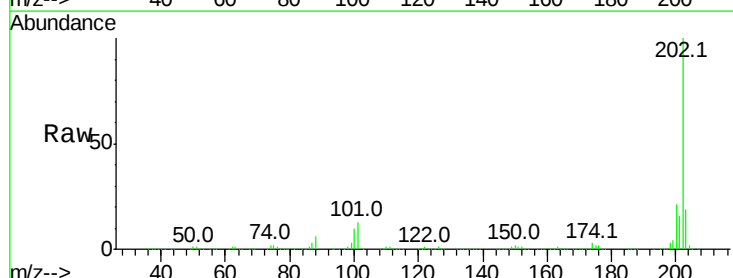
Tgt Ion:202 Resp: 1910196

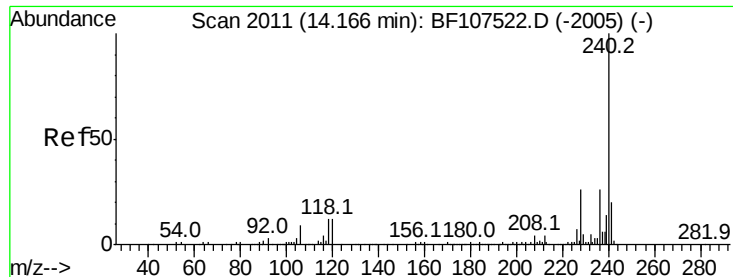
Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

203 19.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

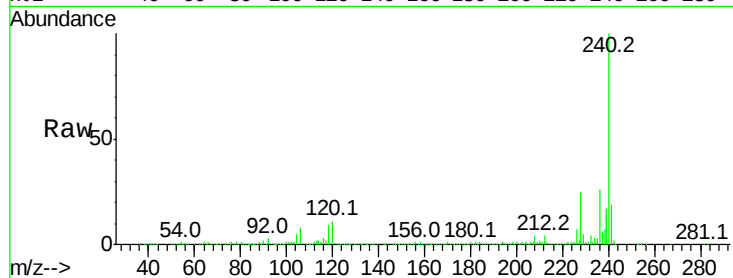
ClientSampleId :

PB111309BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	25.9	20.7	31.1

Manual Integrations
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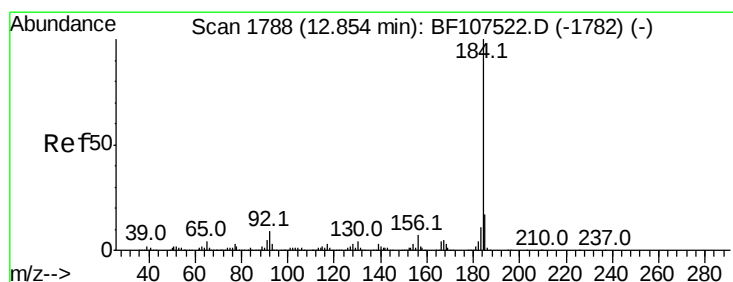
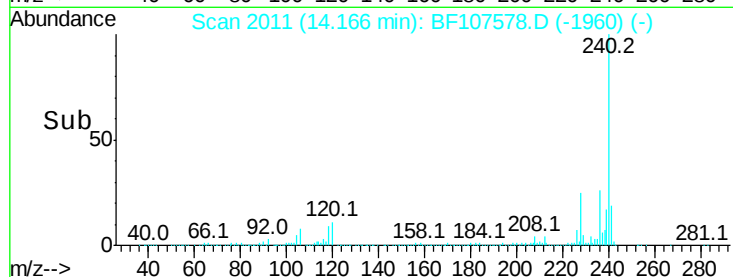
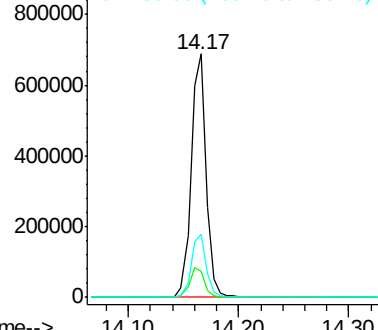
Sohil
7/23/2018 12:45:06 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 61.379 ng

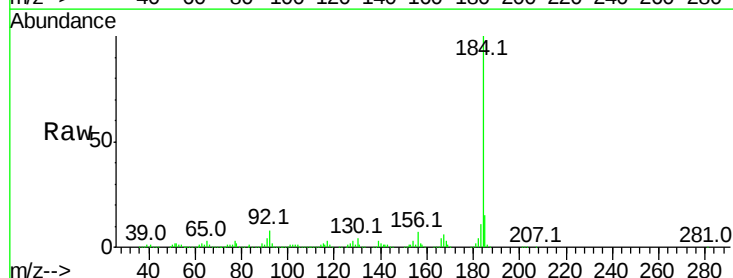
RT: 12.85 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

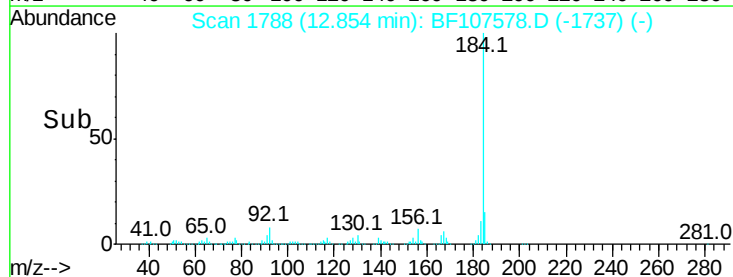
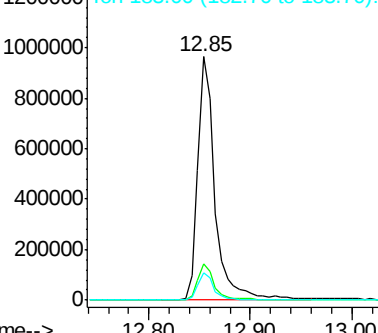
Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	18.8
183	11.2	9.3	13.9

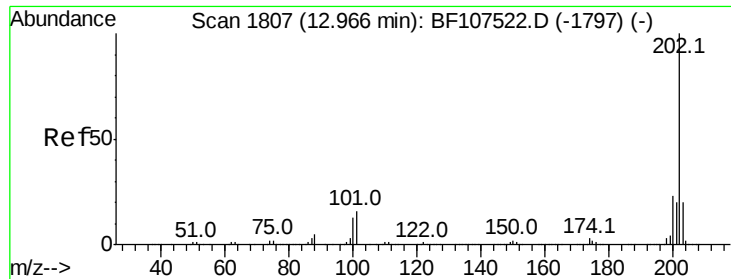


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





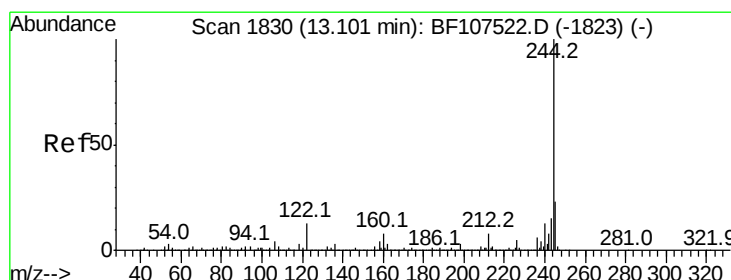
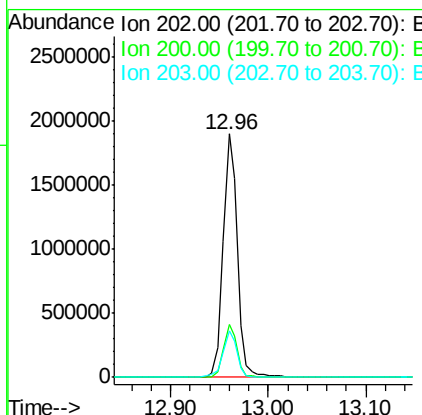
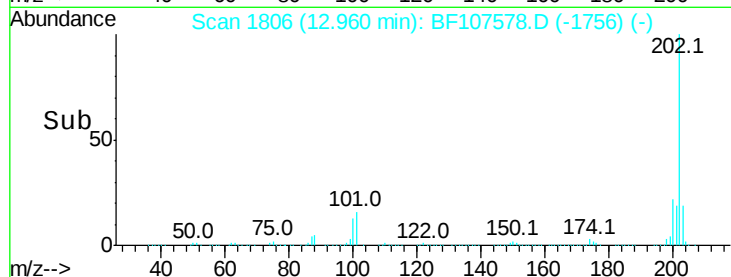
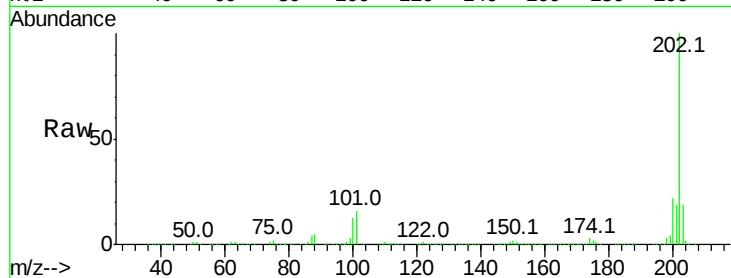
#77
Pvrene
Concen: 43.317 ng
RT: 12.96 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	19.2	14.3	21.5

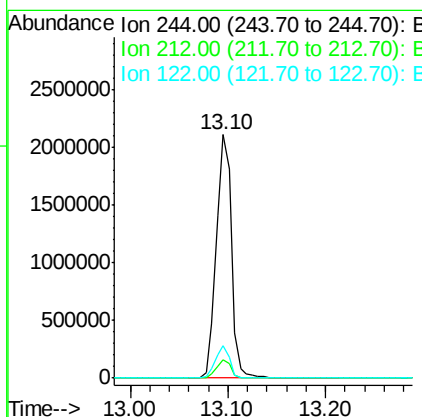
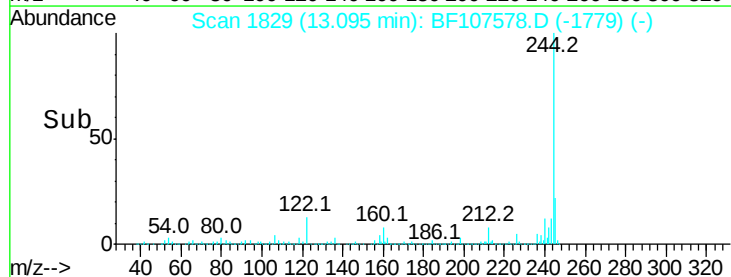
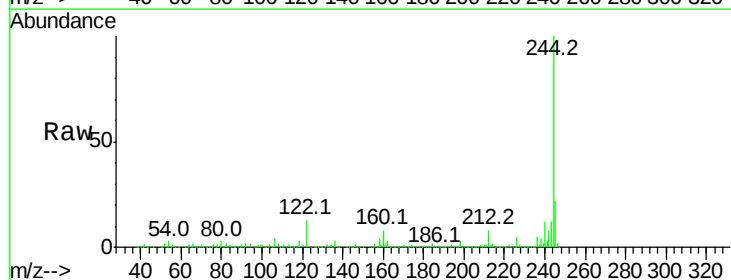
Manual Integrations
APPROVED

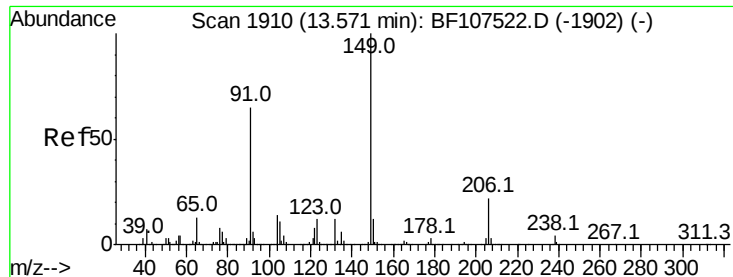
Sohil
7/23/2018 12:45:06 PM



#78
Terphenyl-d14
Concen: 90.002 ng
RT: 13.10 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.0
122	13.2	11.0	16.4





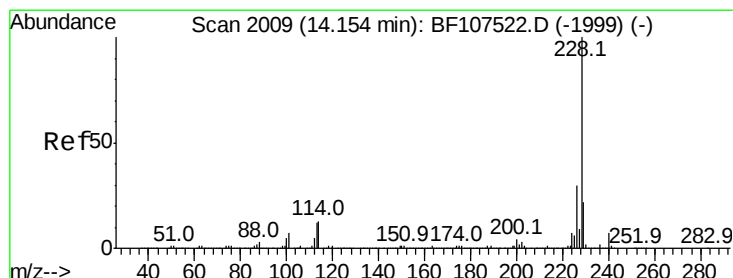
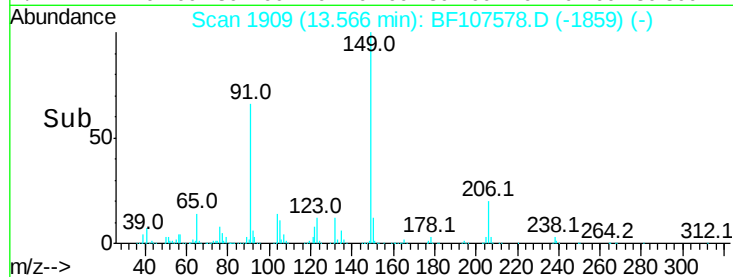
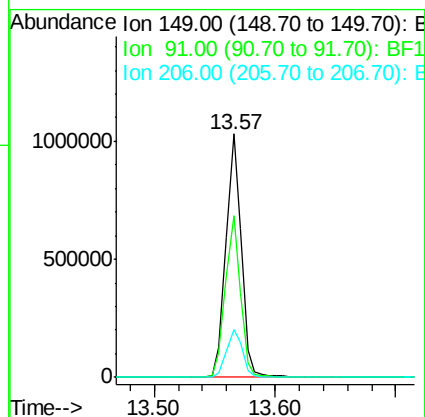
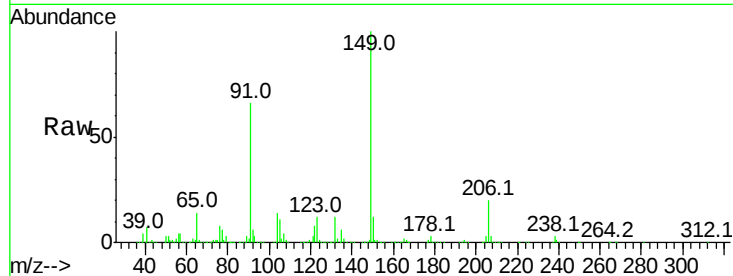
#79
Butylbenzylphthalate
Concen: 47.761 ng
RT: 13.57 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	908746		
91	66.5	56.8	85.2	
206	19.8	14.1	21.1	

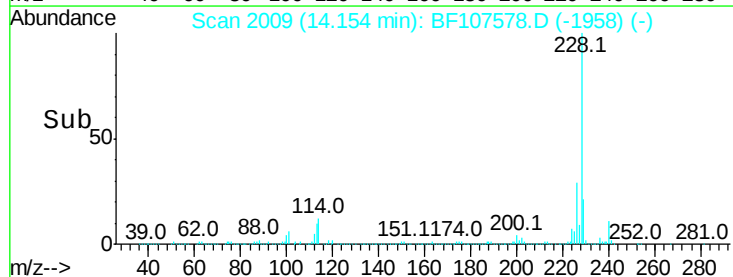
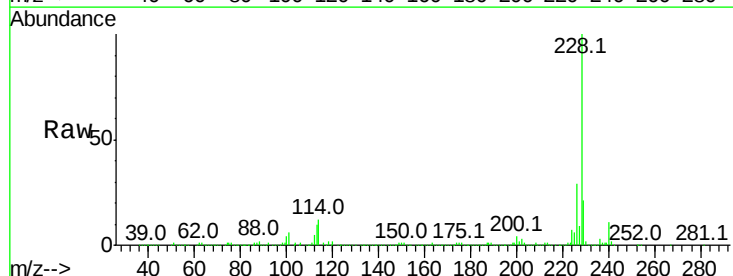
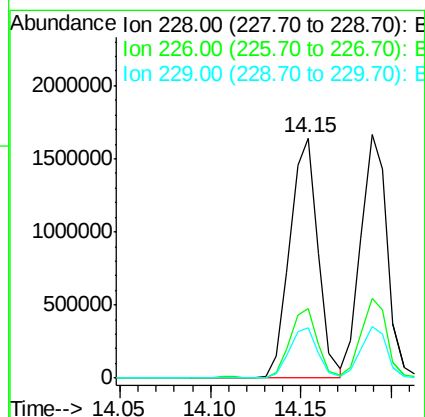
Manual Integrations
APPROVED

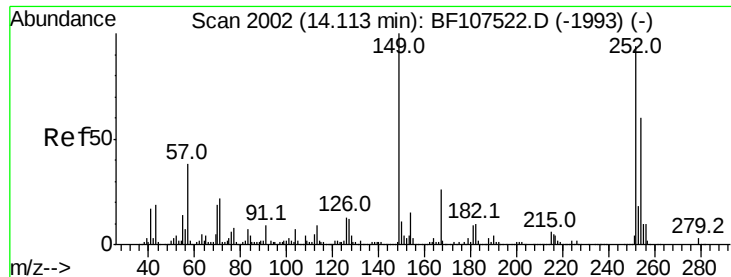
Sohil
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#80
Benzo(a)anthracene
Concen: 47.290 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1792500		
226	28.8	22.6	33.8	
229	20.8	15.8	23.6	





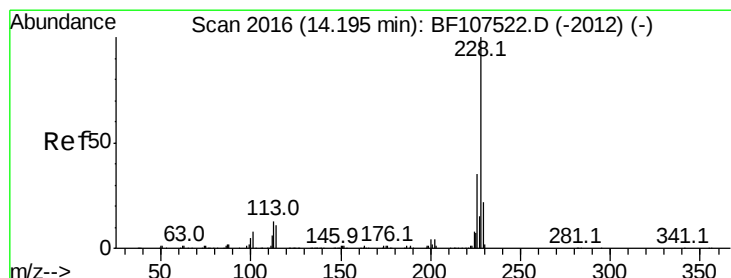
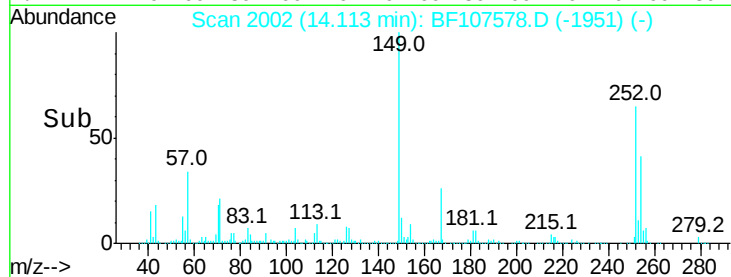
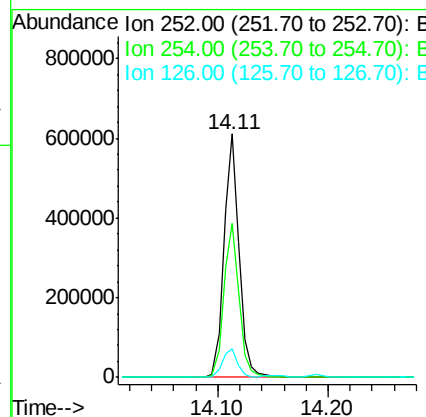
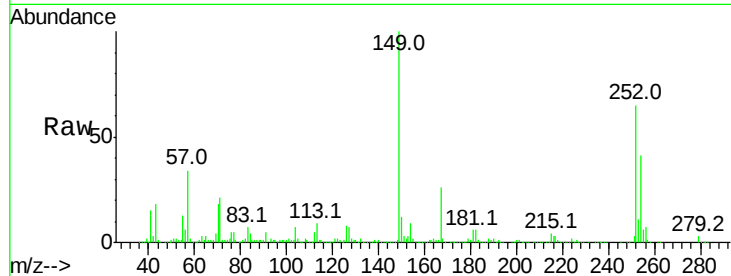
#81
 3,3'-Dichlorobenzidine
 Concen: 55.461 ng
 RT: 14.11 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	582916		
254	63.4		50.4	75.6
126	11.9		11.3	16.9

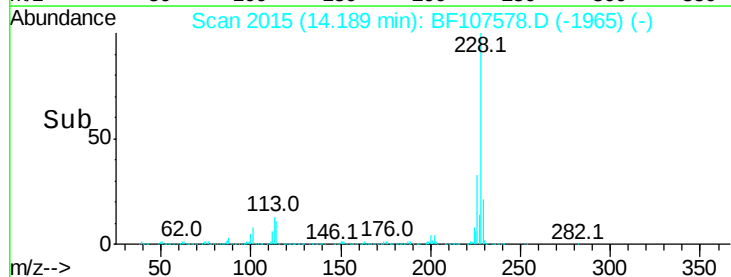
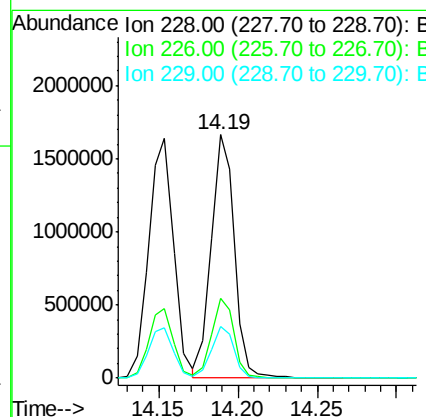
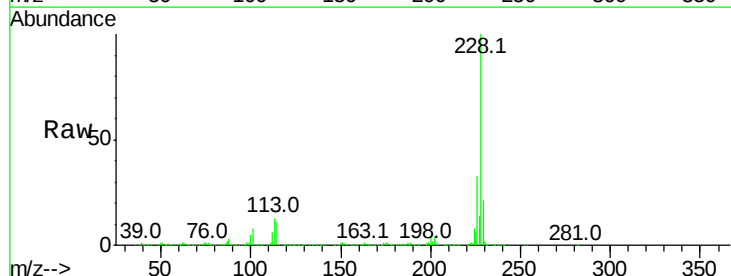
Manual Integrations
 APPROVED

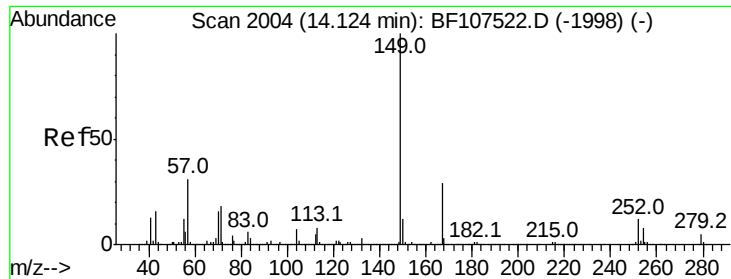
Sohil
 7/23/2018 12:45:06 PM



#82
 Chrysene
 Concen: 46.628 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1697760		
226	32.7		25.0	37.6
229	21.1		16.2	24.4





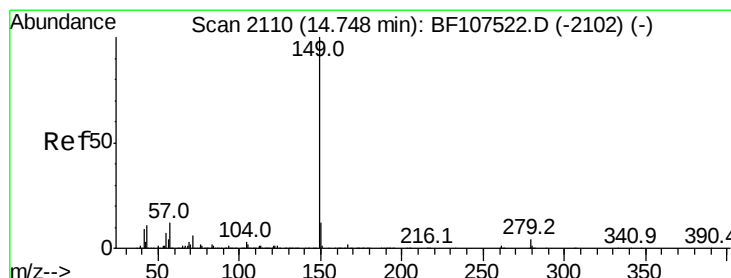
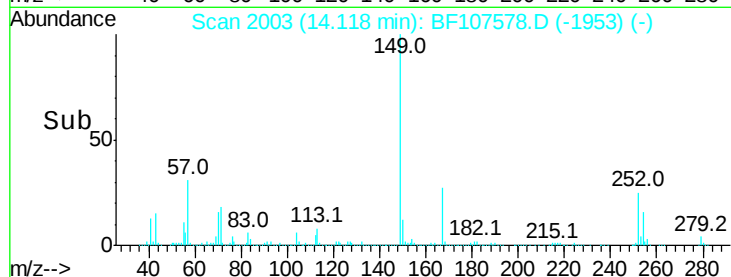
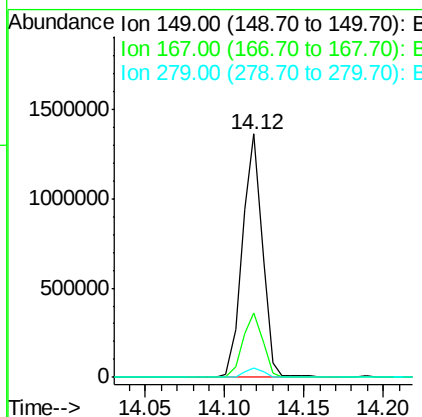
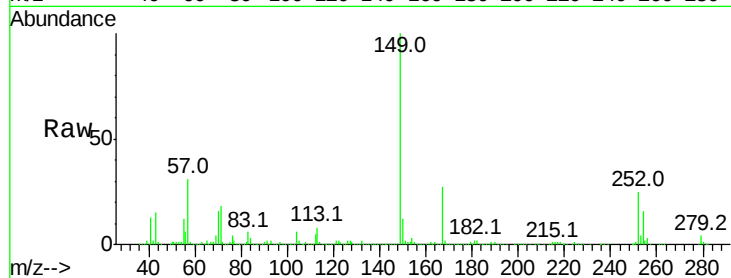
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.163 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Tot Ion:149 Resp: 1185621
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.9 3.0 4.4

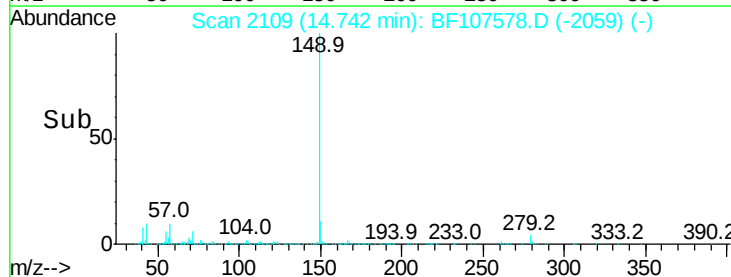
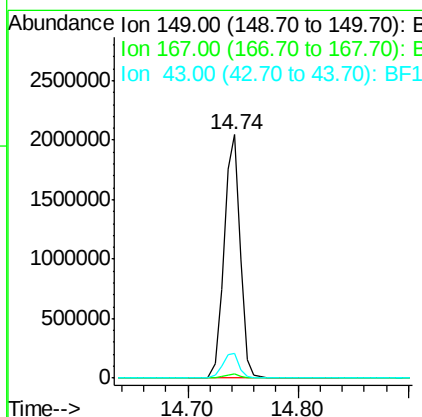
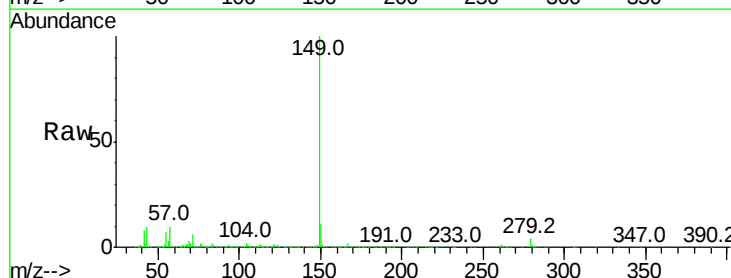
Manual Integrations
 APPROVED

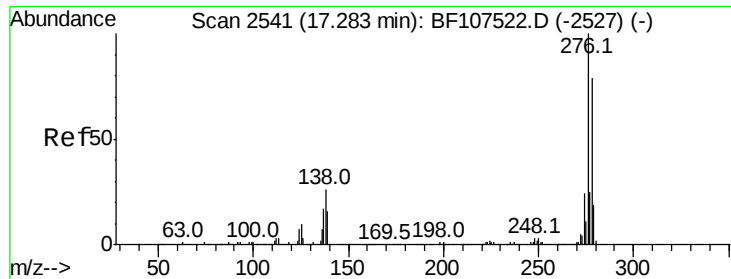
Sohil
 7/23/2018 12:45:06 PM



#84
 Di-n-octyl phthalate
 Concen: 49.926 ng
 RT: 14.74 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tgt Ion:149 Resp: 2083374
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.4 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.866 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

Instrument :

BNA_F

ClientSampleId :

PB111309BSD

Tot Ion:276 Resp: 1477128

Ion Ratio Lower Upper

276 100

138 27.2 25.0 37.6

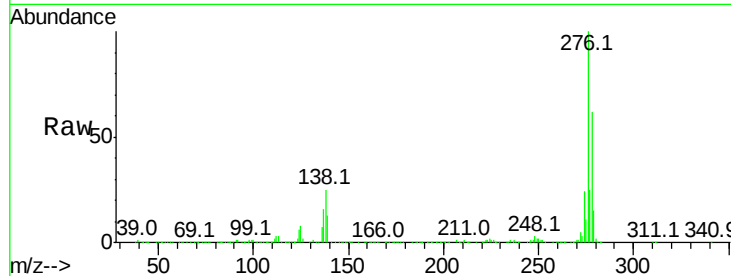
277 25.4 20.1 30.1

Manual Integrations

APPROVED

Sohil

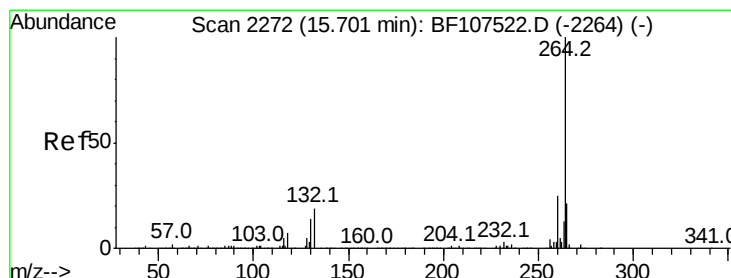
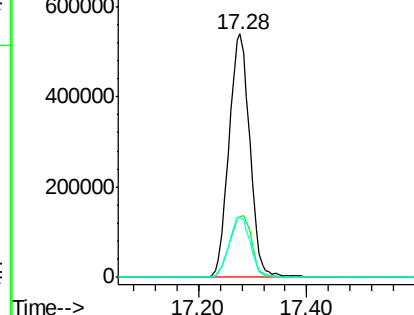
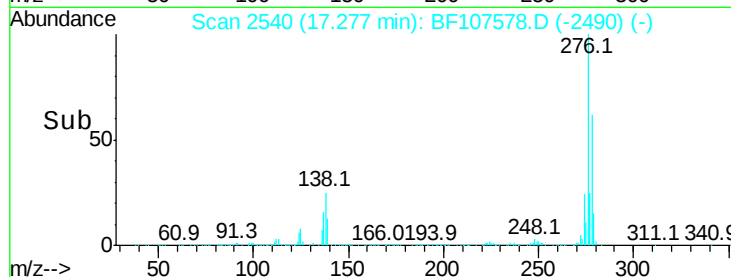
7/23/2018 12:45:06 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF107578.D

Acq: 21 Jul 2018 16:01

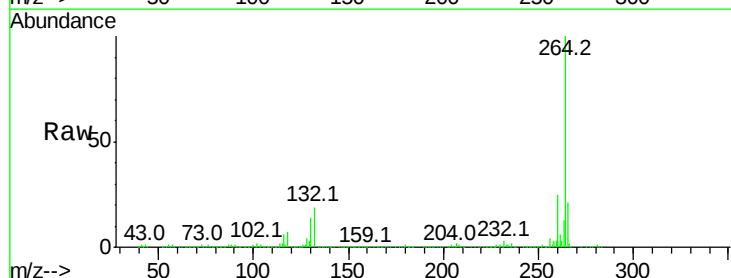
Tgt Ion:264 Resp: 577727

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

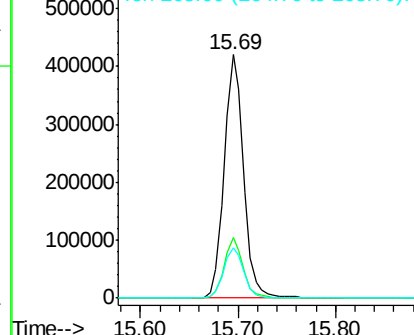
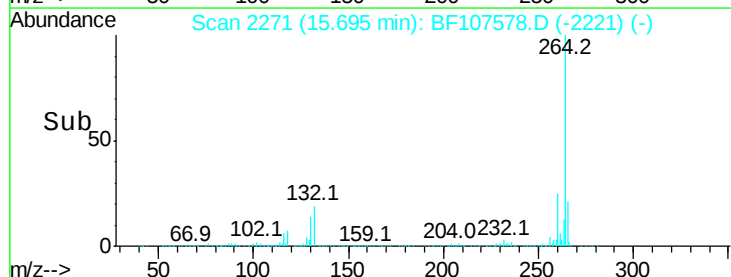
265 20.8 17.5 26.3

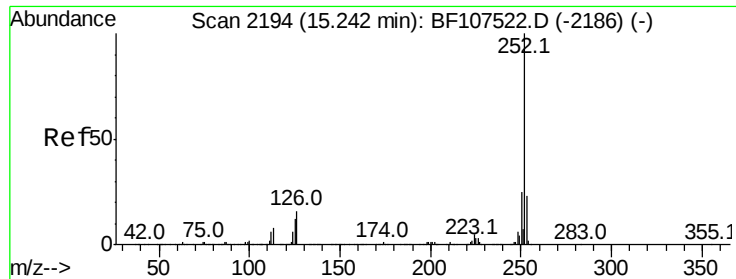


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





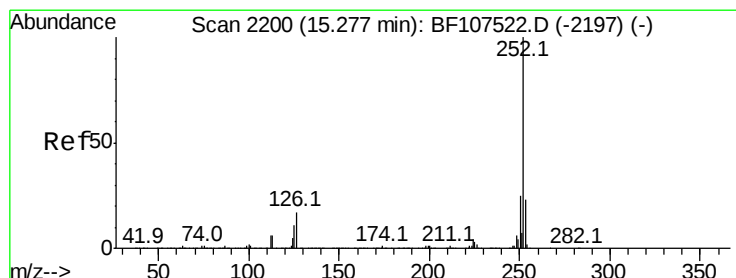
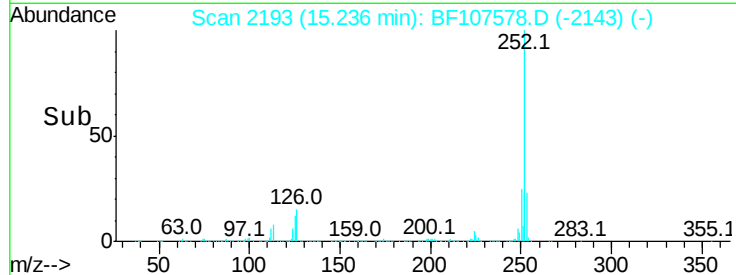
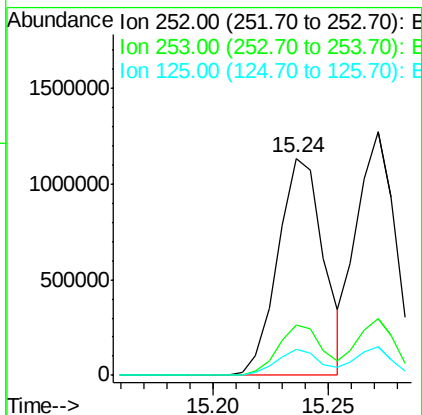
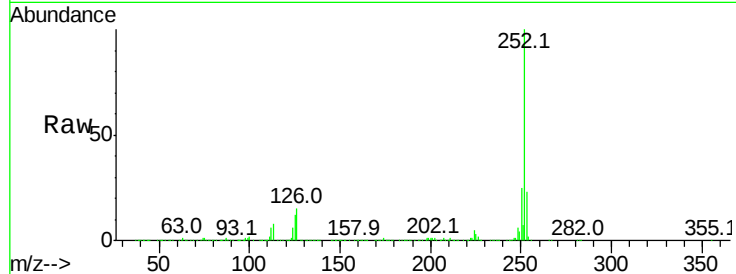
#87
Benzo(b)fluoranthene
Concen: 49.289 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	11.8	9.0	13.6

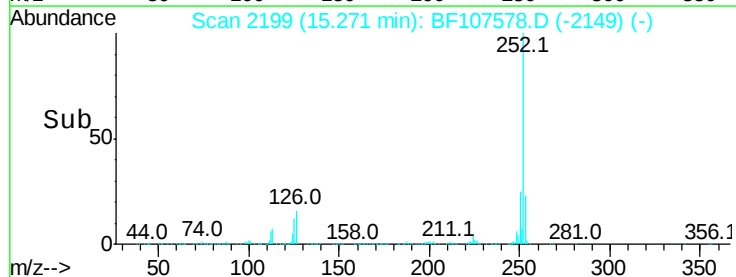
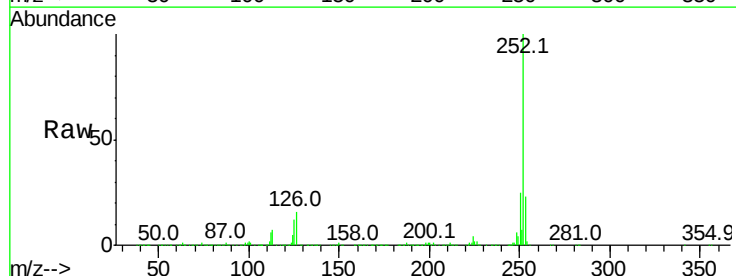
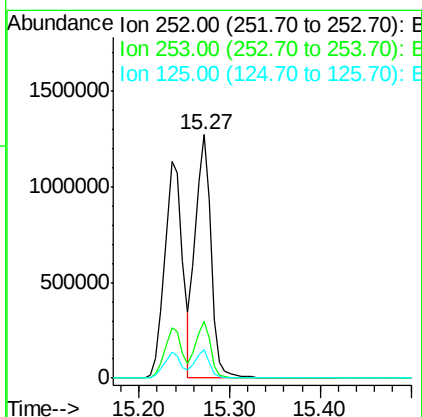
Manual Integrations
APPROVED

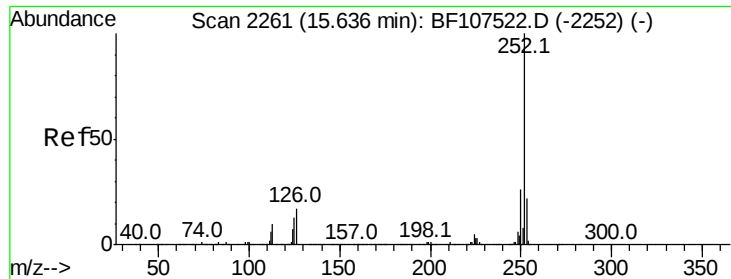
Sohil
7/23/2018 12:45:06 PM



#88
Benzo(k)fluoranthene
Concen: 49.222 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	11.6	10.2	15.2





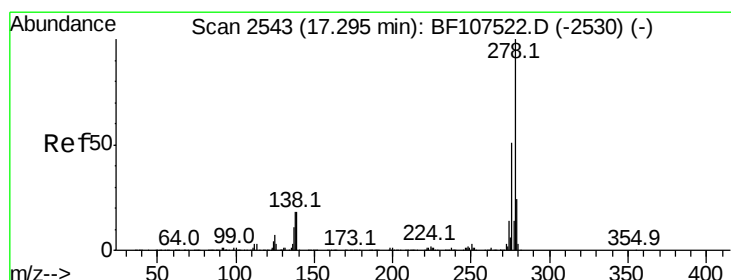
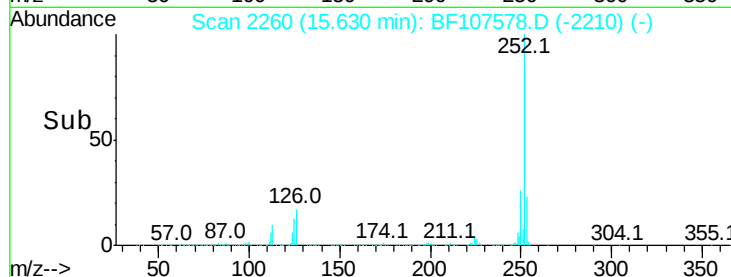
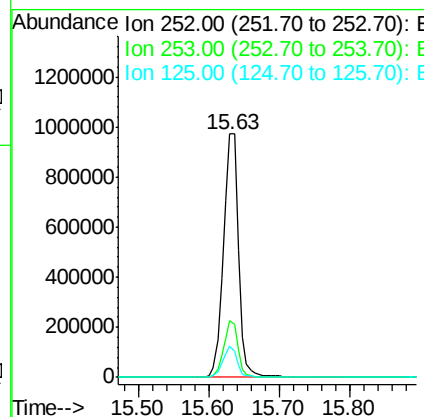
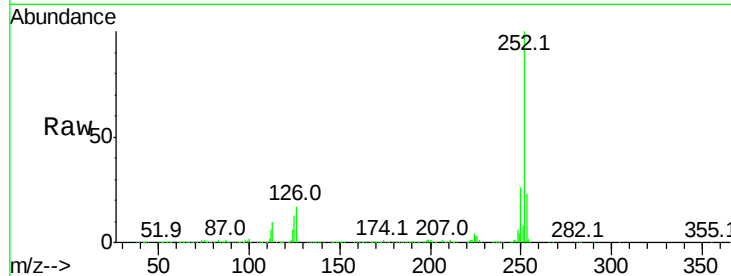
#89
Benzo(a)pyrene
Concen: 49.629 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Instrument :
BNA_F
ClientSampleId :
PB111309BSD

Tot Ion:252 Resp: 1435372
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 12.9 9.8 14.6

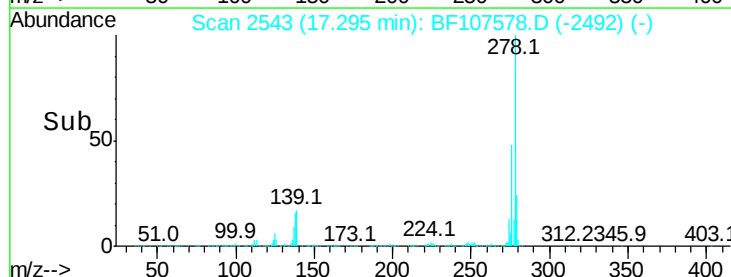
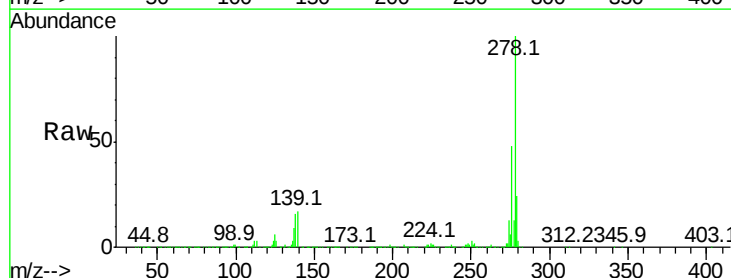
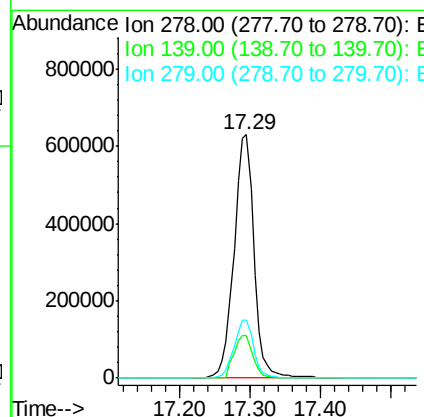
Manual Integrations
APPROVED

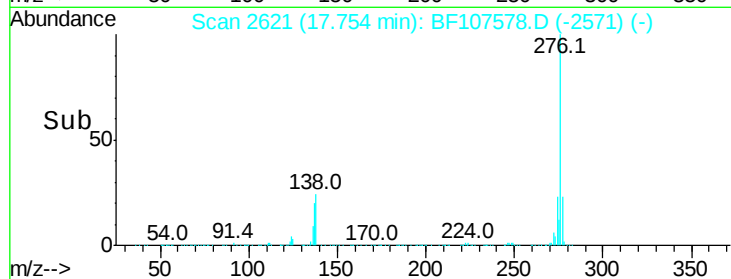
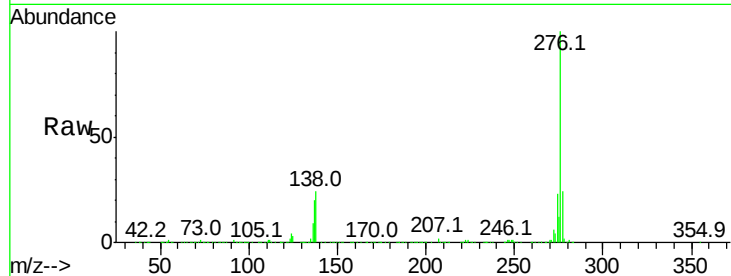
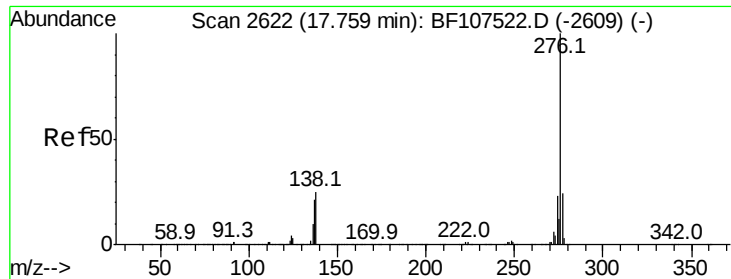
Sohil
7/23/2018 12:45:06 PM



#90
Dibenzo(a,h)anthracene
Concen: 49.687 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BF107578.D
Acq: 21 Jul 2018 16:01

Tgt Ion:278 Resp: 1242243
Ion Ratio Lower Upper
278 100
139 17.5 15.9 23.9
279 23.9 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.807 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF107578.D
 Acq: 21 Jul 2018 16:01

Tot Ion:	276	Resp:	1203626
Ion Ratio	Lower	Upper	
276	100		
277	23.5	17.9	26.9
138	23.6	21.8	32.8

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BSD

Manual Integrations
 APPROVED

Sohil
 7/23/2018 12:45:06 PM

