

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107577.D
 Acq On : 21 Jul 2018 15:34
 Operator : JU/SJ
 Sample : PB111309BS
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Manual Integrations
 APPROVED

Sohil
 7/23/2018 12:45:04 PM

Quant Time: Jul 23 05:09:31 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	330257	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1218096	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	507274	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	889789	20.00	ng	0.00
75) Chrysene-d12	14.17	240	715116	20.00	ng	0.00
86) Perylene-d12	15.69	264	646816	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1655473	80.59	ng	0.00
7) Phenol-d6	6.61	99	1973035	80.00	ng	0.00
23) Nitrobenzene-d5	7.54	82	1810820	100.33	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	515588	89.38	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	3003712	109.65	ng	0.00
78) Terphenyl-d14	13.10	244	2424627	86.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	313290	32.769	ng	# 87
3) Pyridine	3.67	79	874579	33.625	ng	# 85
4) n-Nitrosodimethylamine	3.64	42	409216	37.304	ng	96
6) Aniline	6.64	93	683787	21.495	ng	# 82
8) 2-Chlorophenol	6.77	128	902433	41.007	ng	97
9) Benzaldehyde	6.53	77	394195	23.503	ng	94
10) Phenol	6.62	94	1071892	36.953	ng	96
11) bis(2-Chloroethyl)ether	6.71	93	869391	36.152	ng	91
12) 1,3-Dichlorobenzene	6.91	146	956450	38.333	ng	97
13) 1,4-Dichlorobenzene	6.99	146	1009264	39.466	ng	98
14) 1,2-Dichlorobenzene	7.15	146	895519	39.021	ng	99
15) Benzyl Alcohol	7.12	79	702288	41.779	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1473359	36.316	ng	85
17) 2-Methylphenol	7.23	107	764424	40.869	ng	# 92
18) Hexachloroethane	7.48	117	313725	34.976	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	607094	38.102	ng	97
20) 3+4-Methylphenols	7.38	107	937350	42.204	ng	# 69
22) Acetophenone	7.38	105	1248125	43.630	ng	# 90
24) Nitrobenzene	7.56	77	925714	44.779	ng	99
25) Isophorone	7.80	82	1705669	44.259	ng	97
26) 2-Nitrophenol	7.87	139	463088	53.045	ng	95
27) 2,4-Dimethylphenol	7.91	122	802431	48.559	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	1123260	43.614	ng	99
29) 2,4-Dichlorophenol	8.12	162	750271	44.420	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	789050	41.594	ng	99
31) Naphthalene	8.28	128	2413058	45.049	ng	97
32) Benzoic acid	8.04	122	469235	41.880	ng	99
33) 4-Chloroaniline	8.34	127	155677	6.649	ng	# 93
34) Hexachlorobutadiene	8.39	225	466135	41.352	ng	99
35) Caprolactam	8.71	113	235429m	42.854	ng	
36) 4-Chloro-3-methylphenol	8.82	107	808071	43.069	ng	99
37) 2-Methylnaphthalene	8.97	142	1657217	44.647	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	779755	46.086	ng	97
40) Hexachlorocyclopentadiene	9.12	237	391346	45.500	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	493995	45.613	ng	100
43) 2,4,5-Trichlorophenol	9.30	196	528397	46.683	ng	94
45) 1,1'-Biphenyl	9.44	154	1964808	44.463	ng	97
46) 2-Chloronaphthalene	9.47	162	1471609	43.568	ng	99
47) 2-Nitroaniline	9.57	65	511384	51.932	ng	89
48) Acenaphthylene	9.88	152	2273914	44.815	ng	95
49) Dimethylphthalate	9.74	163	1796404	46.988	ng	98
50) 2,6-Dinitrotoluene	9.80	165	370435	48.802	ng	# 89
51) Acenaphthene	10.05	154	1431514	45.028	ng	98
52) 3-Nitroaniline	9.98	138	234302	25.373	ng	97
53) 2,4-Dinitrophenol	10.08	184	177274	58.073	ng	# 25
54) Dibenzofuran	10.22	168	1978115	42.264	ng	95
55) 4-Nitrophenol	10.15	139	561018	81.146	ng	97
56) 2,4-Dinitrotoluene	10.21	165	451840	49.314	ng	96
57) Fluorene	10.57	166	1537309	46.041	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.34	232	419730	44.556	ng	89
59) Diethylphthalate	10.44	149	1754293	43.936	ng	95
60) 4-Chlorophenyl-phenylether	10.56	204	784913	41.582	ng	92
61) 4-Nitroaniline	10.60	138	333925	43.041	ng	98
62) Azobenzene	10.72	77	1550992	41.425	ng	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	125343	32.583	ng	89
65) n-Nitrosodiphenylamine	10.68	169	1375203	45.507	ng	97
66) 4-Bromophenyl-phenylether	11.05	248	471202	44.986	ng	93
67) Hexachlorobenzene	11.12	284	493971	42.861	ng	# 87
68) Atrazine	11.20	200	428522	46.444	ng	96
69) Pentachlorophenol	11.31	266	509841	70.824	ng	98
70) Phenanthrene	11.54	178	1918246	44.240	ng	99
71) Anthracene	11.59	178	2047461	46.899	ng	97
72) Carbazole	11.75	167	1914570	42.173	ng	98
73) Di-n-butylphthalate	12.06	149	2356896	53.303	ng	97
74) Fluoranthene	12.73	202	2080902	44.723	ng	98
76) Benzidine	12.85	184	1019412	49.500	ng	98
77) Pyrene	12.96	202	2076148	42.444	ng	98
79) Butylbenzylphthalate	13.57	149	1033525	49.131	ng	95
80) Benzo(a)anthracene	14.15	228	1900430	45.349	ng	97
81) 3,3'-Dichlorobenzidine	14.11	252	582980	47.783	ng	# 97
82) Chrysene	14.19	228	1818163	45.165	ng	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	1349627	45.470	ng	99
84) Di-n-octyl phthalate	14.74	149	2325821	50.412	ng	100
85) Indeno(1,2,3-cd)pyrene	17.28	276	1582251	46.376	ng	95
87) Benzo(b)fluoranthene	15.24	252	1679711	47.450	ng	98
88) Benzo(k)fluoranthene	15.27	252	1670668	48.171	ng	98
89) Benzo(a)pyrene	15.64	252	1565495	48.346	ng	97
90) Dibenzo(a,h)anthracene	17.29	278	1344354	48.028	ng	97
91) Benzo(g,h,i)perylene	17.76	276	1292318	46.806	ng	94

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

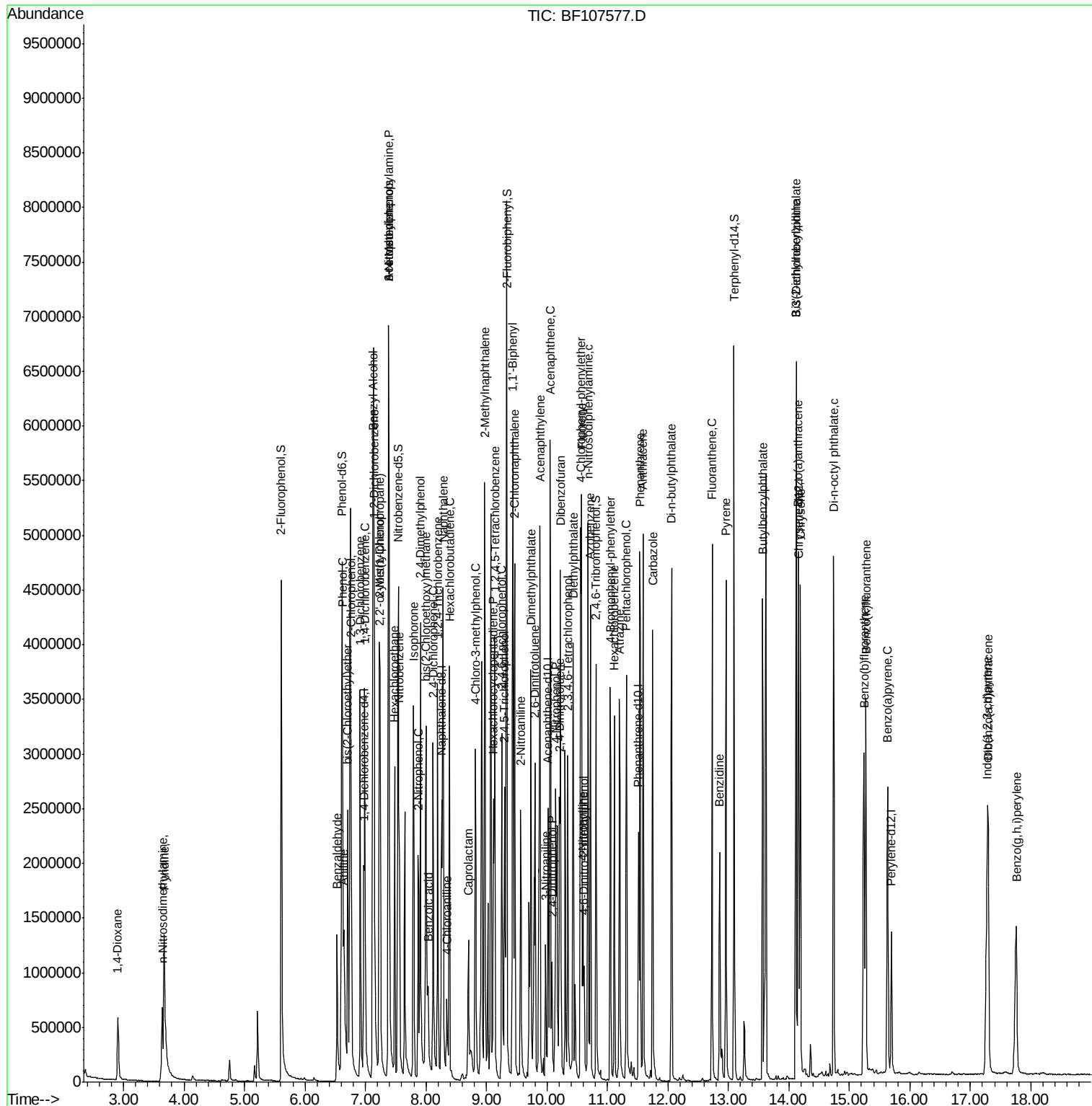
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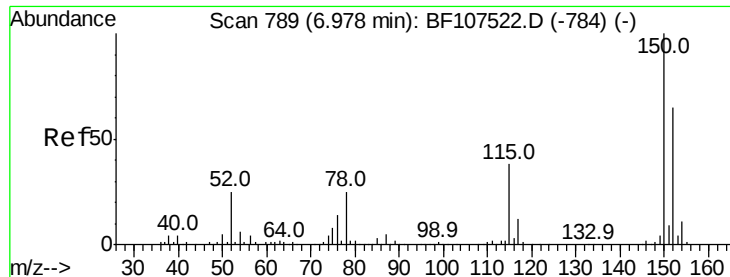
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#1

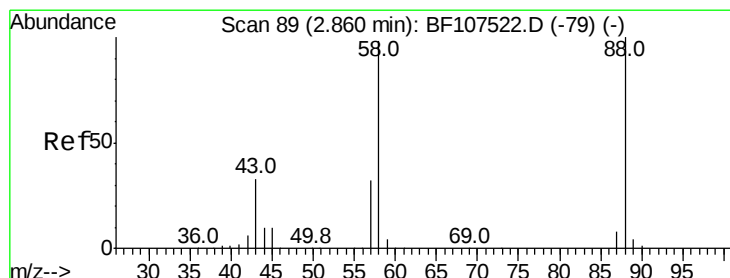
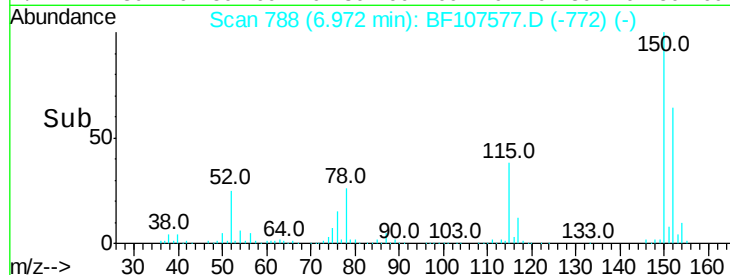
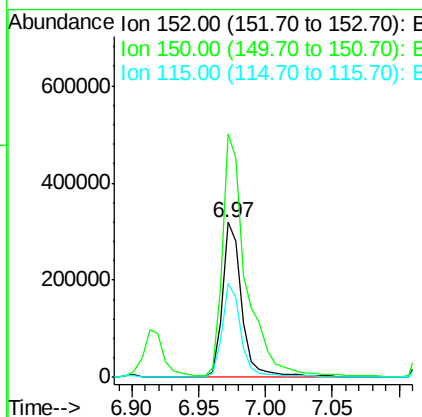
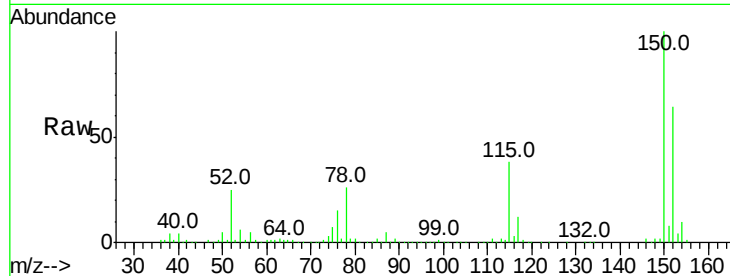
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	60.2	50.1	75.1

Manual Integrations
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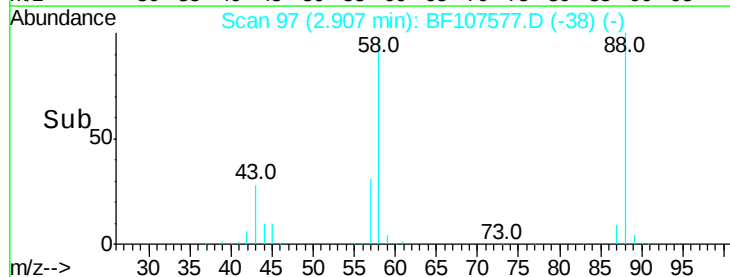
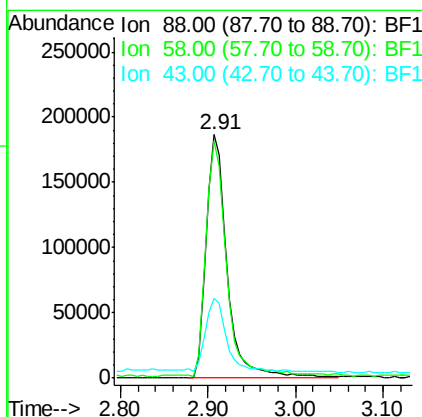
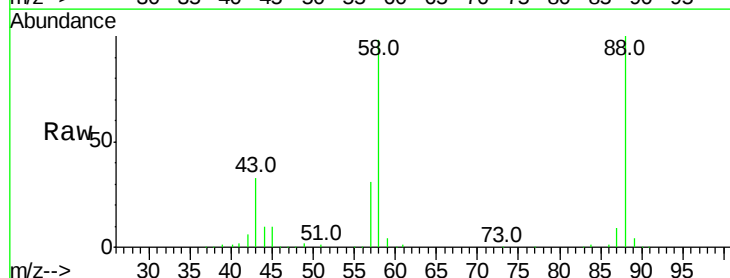
Sohil
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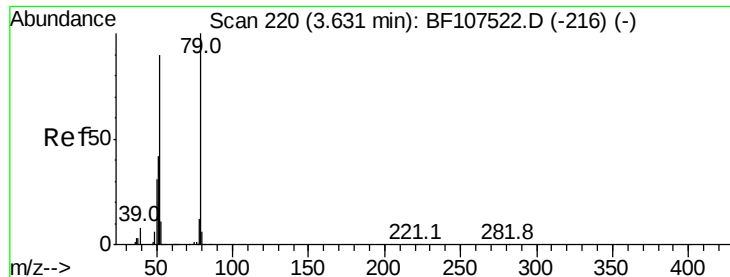


#2

1,4-Dioxane
Concen: 32.769 ng
RT: 2.91 min Scan# 97
Delta R.T. 0.05 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.3	62.6	93.8#
43	30.5	24.6	37.0





#3

Pvridine

Concen: 33.625 ng

RT: 3.67 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

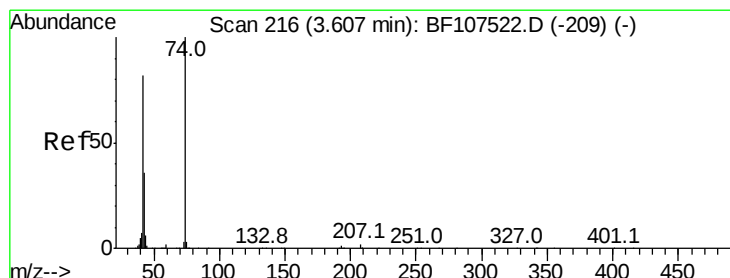
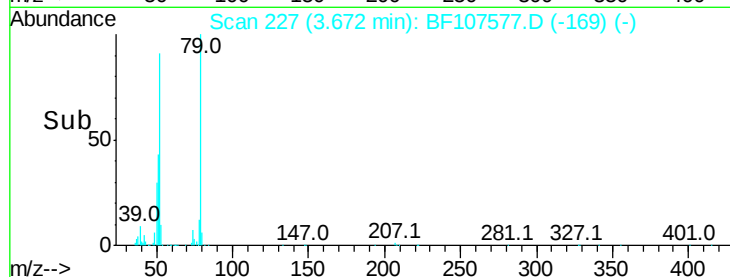
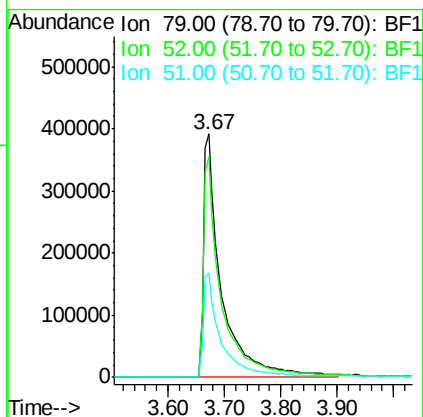
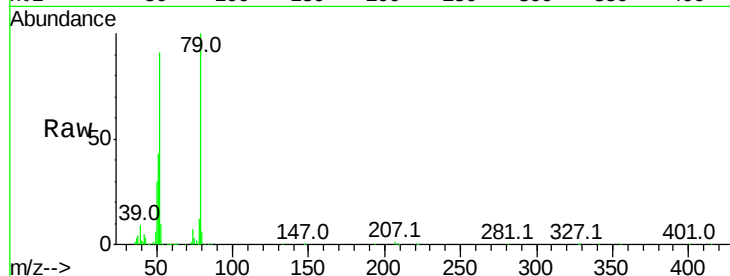
ClientSampled :

PB111309BS

Tot Ion:	79	Resp:	874579
Ion Ratio	Lower	Upper	
79	100		
52	90.5	59.8	89.6#
51	42.7	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 37.304 ng

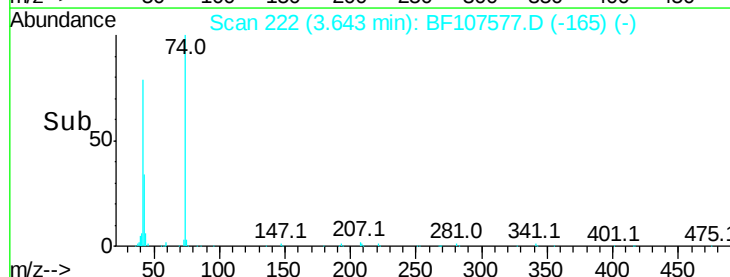
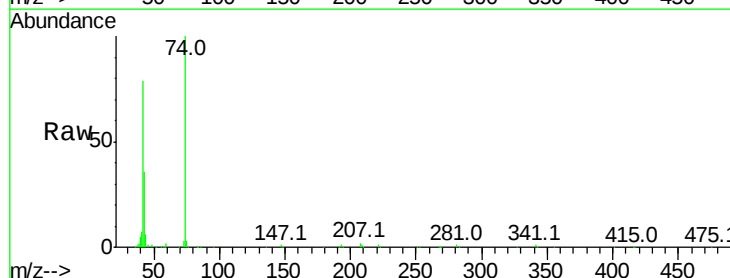
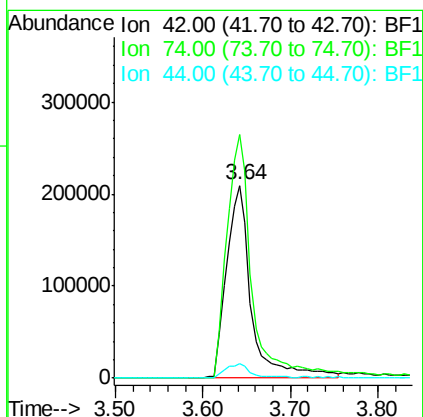
RT: 3.64 min Scan# 222

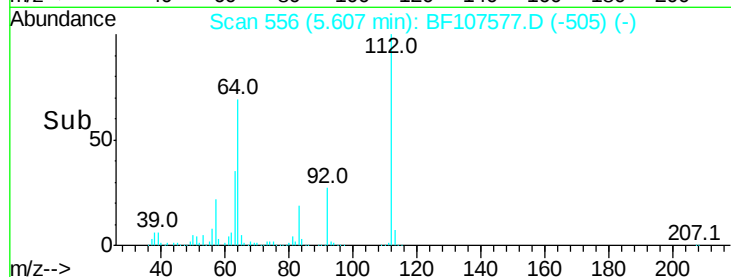
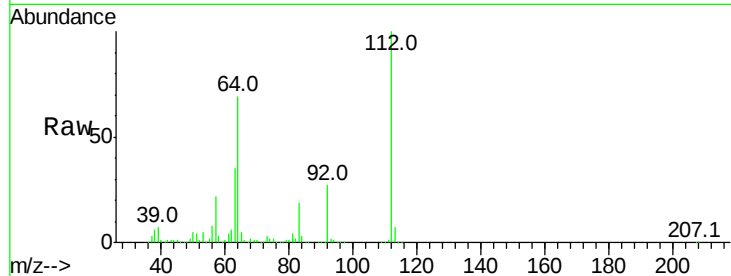
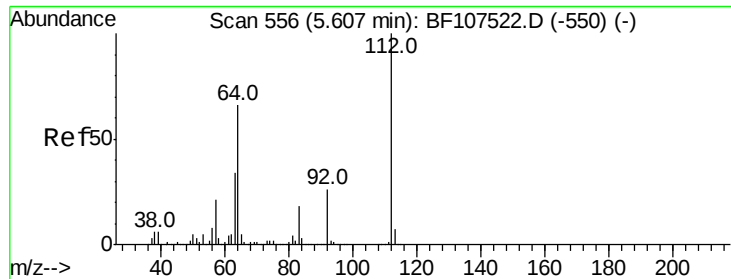
Delta R.T. 0.04 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Tgt Ion:	42	Resp:	409216
Ion Ratio	Lower	Upper	
42	100		
74	126.1	104.9	157.3
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 80.594 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Tot Ion: 112 Resp: 1655473

Ion Ratio Lower Upper

112 100

64 68.6 47.9 71.9

63 35.3 23.7 35.5

Instrument :

BNA_F

ClientSampleId :

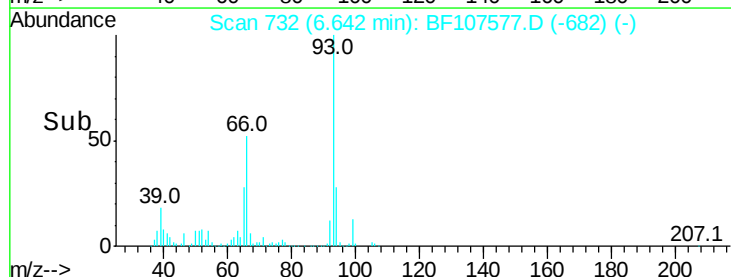
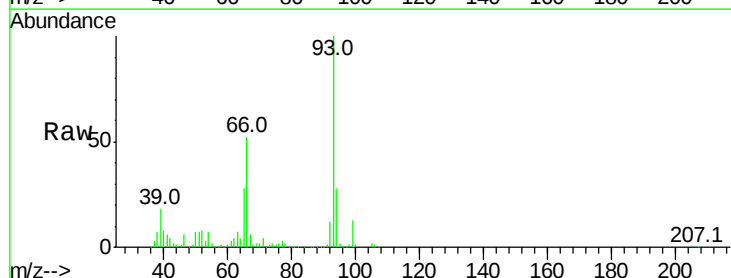
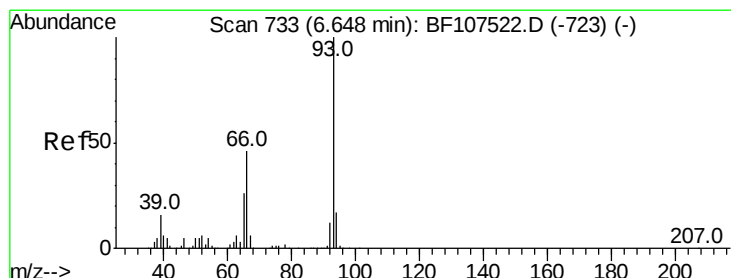
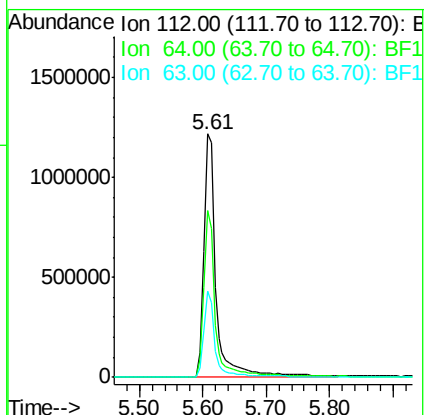
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Manual Integrations

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#6

Aniline

Concen: 21.495 ng

RT: 6.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

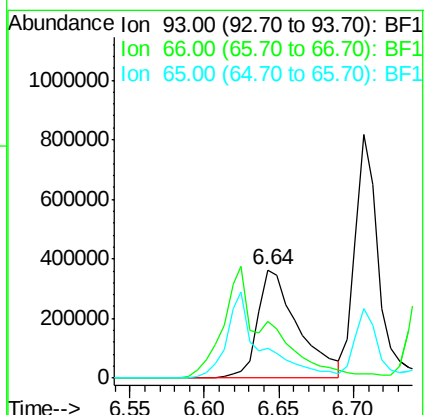
Tgt Ion: 93 Resp: 683787

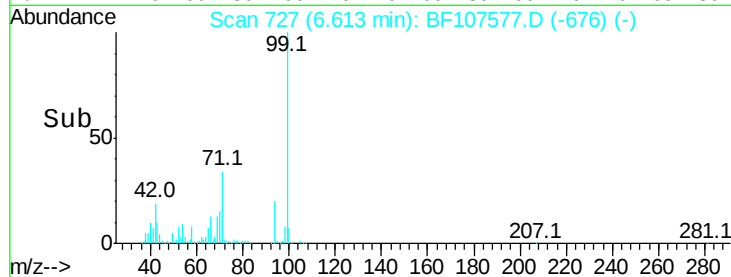
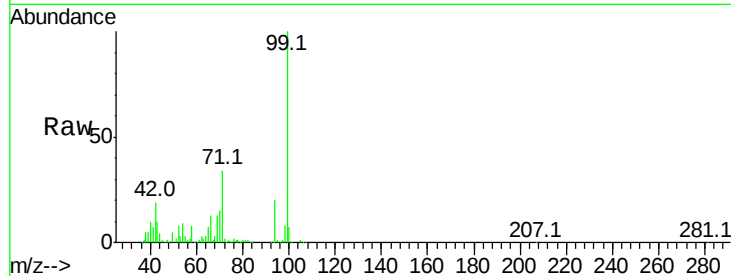
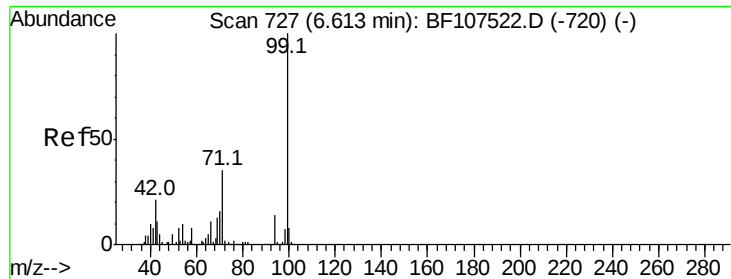
Ion Ratio Lower Upper

93 100

66 51.8 32.2 48.2#

65 27.7 16.4 24.6#





#7

Phenol-d6

Concen: 79.996 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Tot Ion: 99 Resp: 1973035

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 34.2 25.4 38.0

Instrument :

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ClientSampleId :

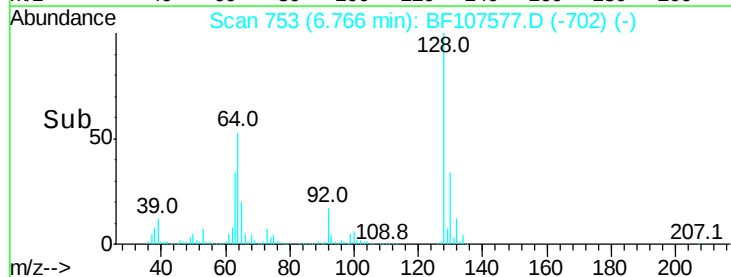
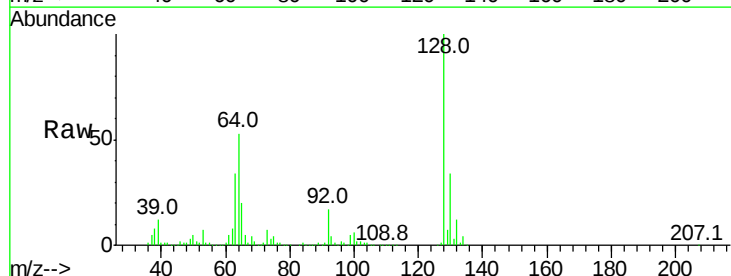
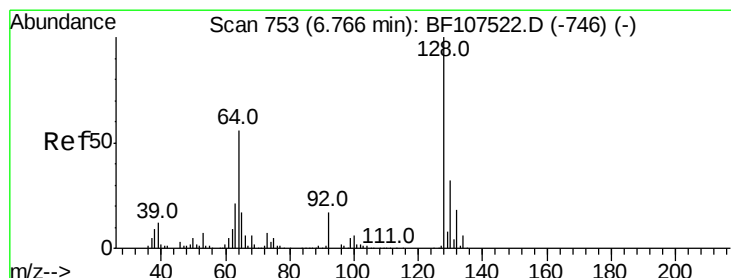
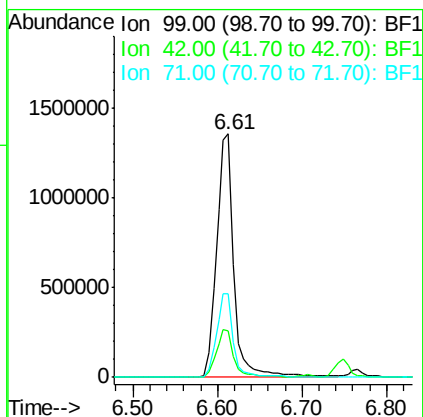
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Manual Integrations

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#8

2-Chlorophenol

Concen: 41.007 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

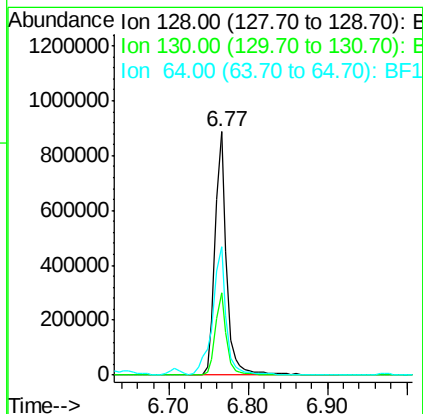
Tgt Ion:128 Resp: 902433

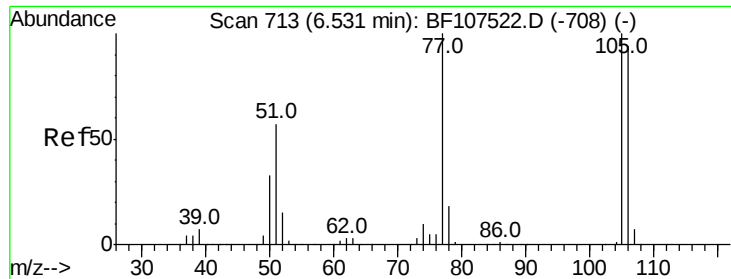
Ion Ratio Lower Upper

128 100

130 33.7 13.0 53.0

64 52.8 29.4 69.4





#9

Benzaldehyde

Concen: 23.503 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

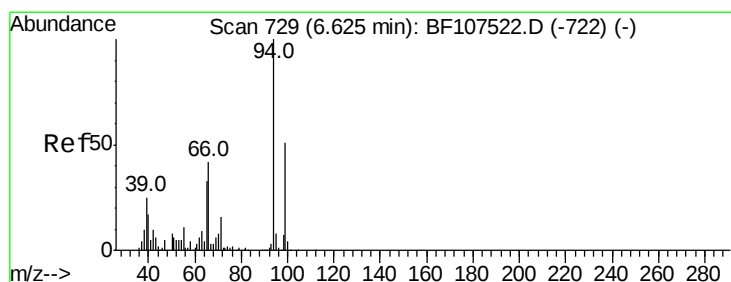
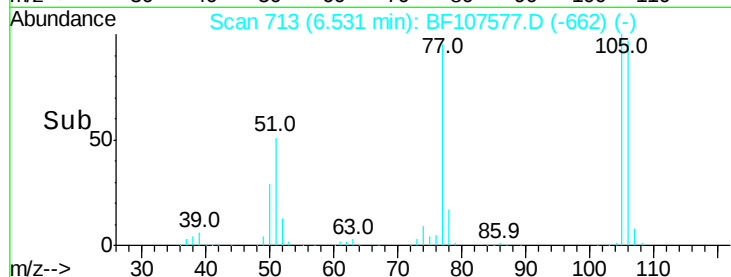
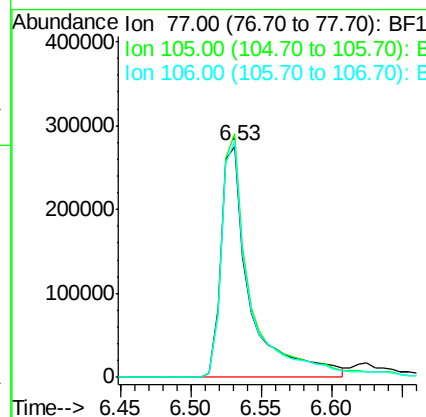
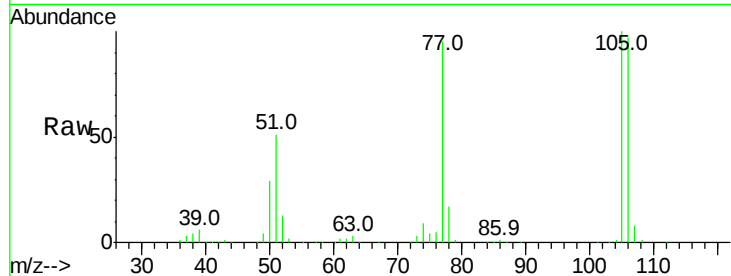
ClientSampleId :

PB111309BS

Tot Ion:	77	Resp:	394195
Ion	Ratio	Lower	Upper
77	100		
105	105.4	81.1	121.1
106	102.1	74.5	114.5

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#10

Phenol

Concen: 36.953 ng

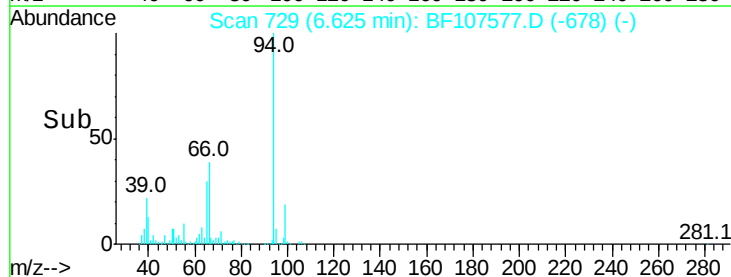
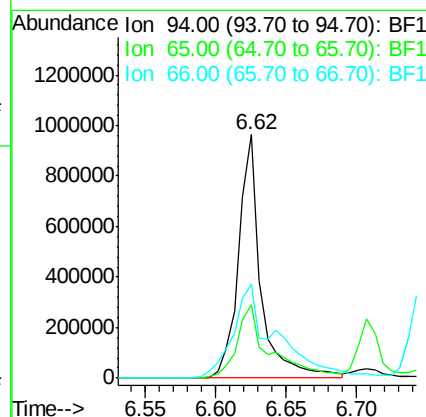
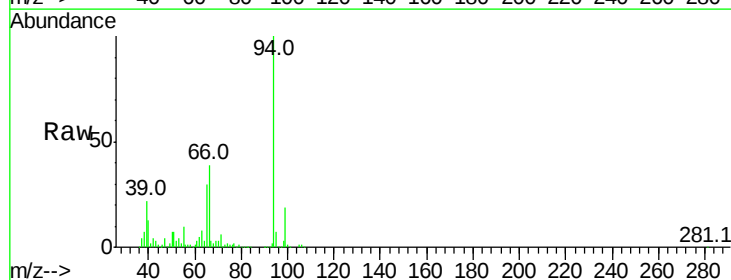
RT: 6.62 min Scan# 729

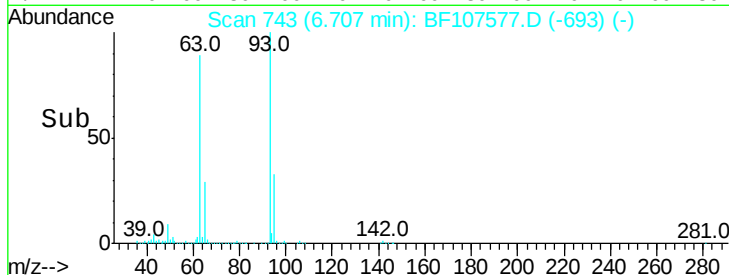
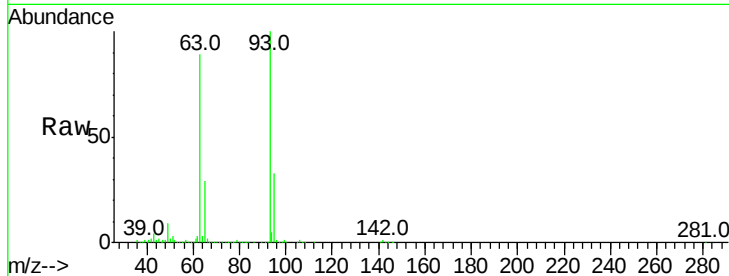
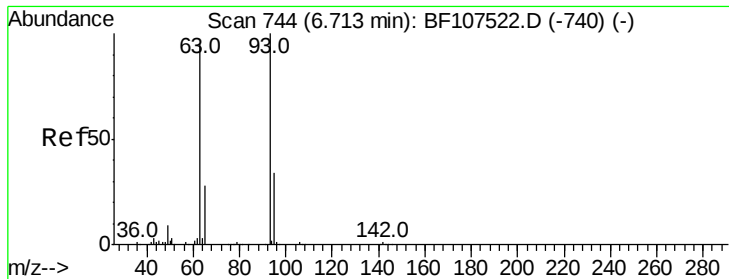
Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Tgt Ion:	94	Resp:	1071892
Ion	Ratio	Lower	Upper
94	100		
65	30.2	7.9	47.9
66	38.8	16.2	56.2





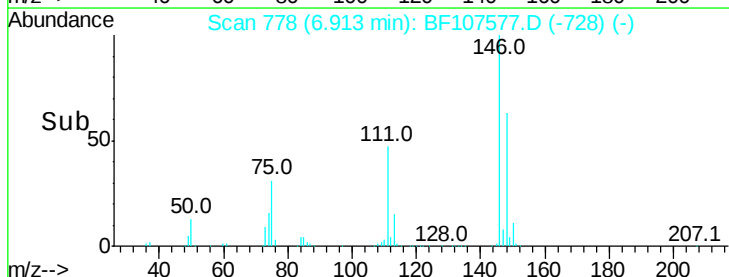
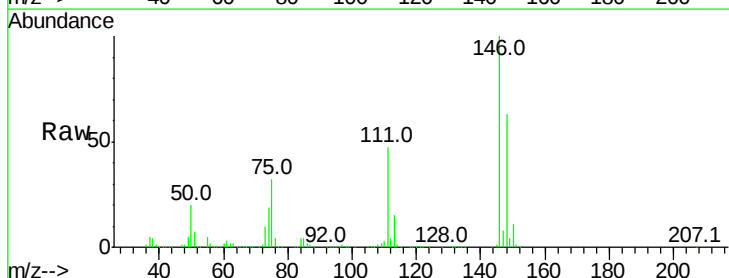
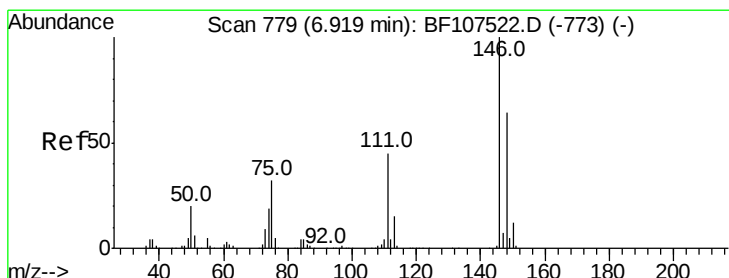
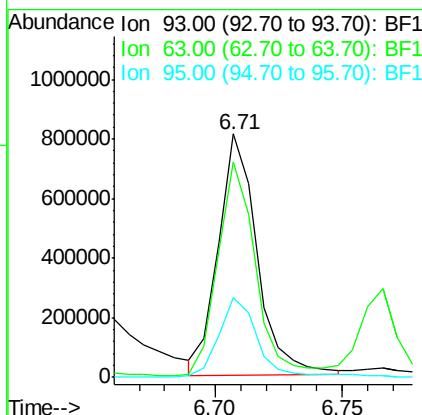
#11
bis(2-Chloroethyl)ether
Concen: 36.152 ng
RT: 6.71 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tot Ion	93	Resp	869391
Ion Ratio	100	Lower	Upper
93	100		
63	88.5	58.6	98.6
95	32.8	11.8	51.8

Instrument :
BNA_F
ClientSampled :
PB111309BS

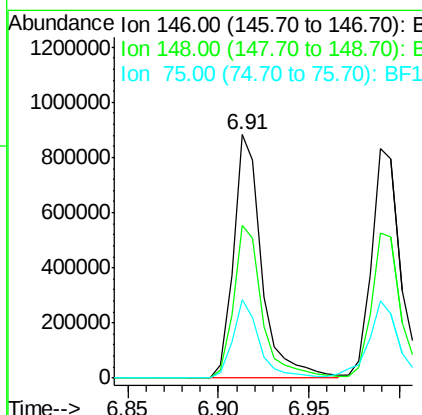
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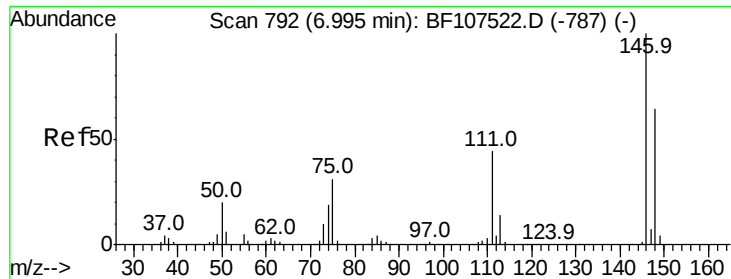
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.333 ng
RT: 6.91 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion	146	Resp	956450
Ion Ratio	100	Lower	Upper
146	100		
148	62.9	51.8	77.8
75	32.3	24.2	36.4





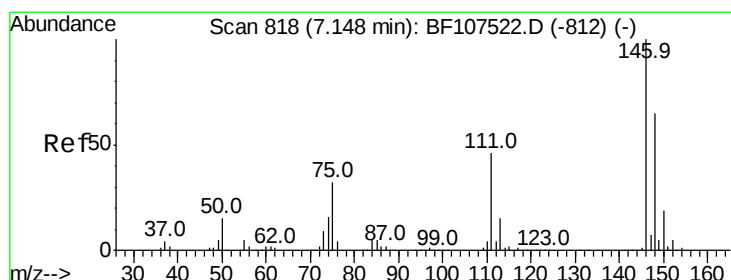
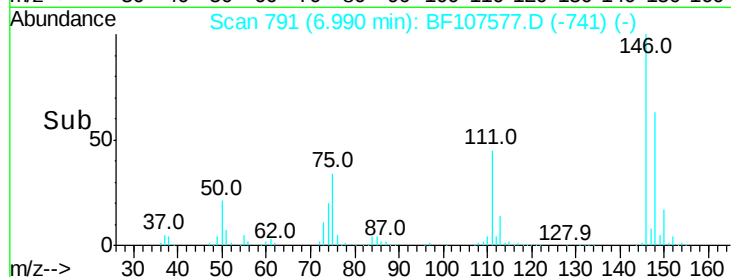
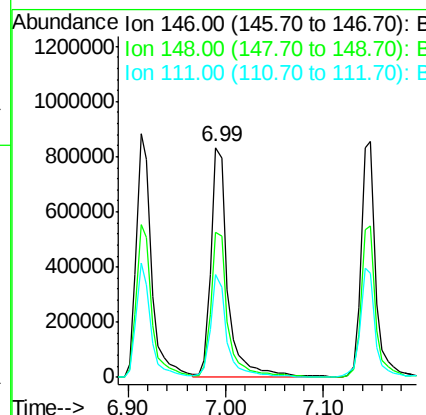
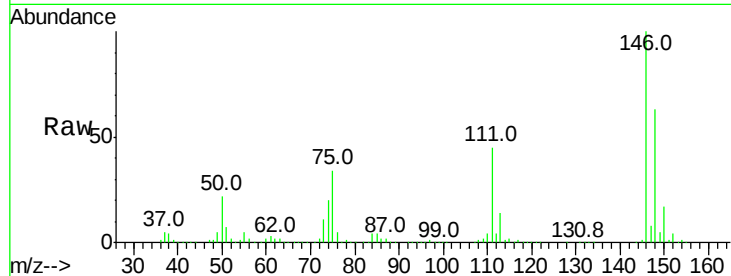
#13
 1,4-Dichlorobenzene
 Concen: 39.466 ng
 RT: 6.99 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Tot Ion:146 Resp: 1009264
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 44.9 34.2 51.2

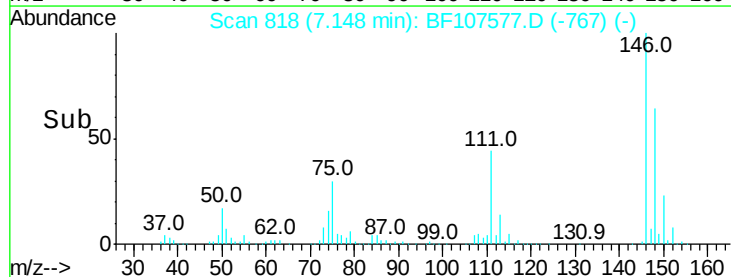
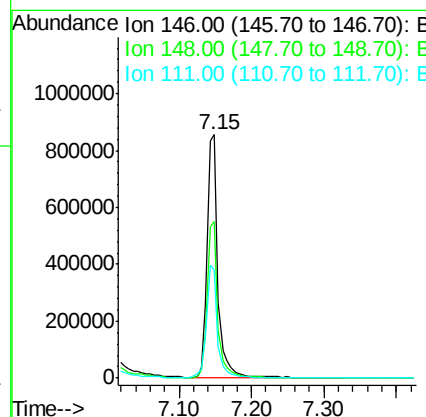
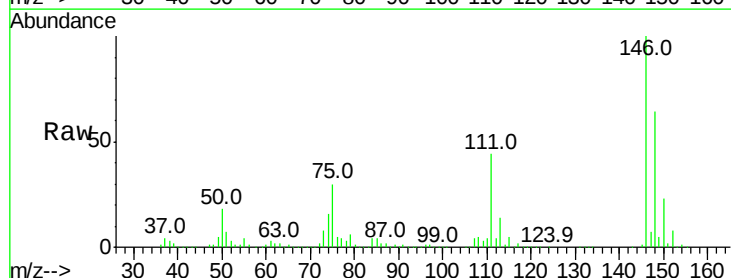
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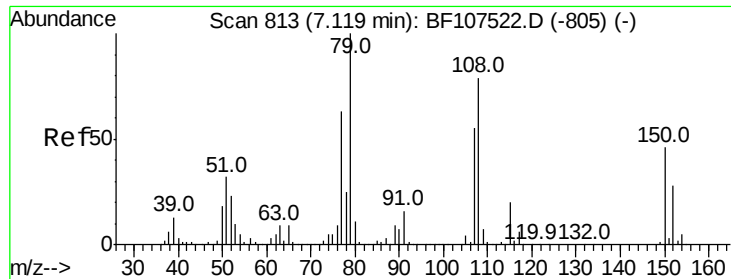
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#14
 1,2-Dichlorobenzene
 Concen: 39.021 ng
 RT: 7.15 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion:146 Resp: 895519
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 44.1 36.0 54.0





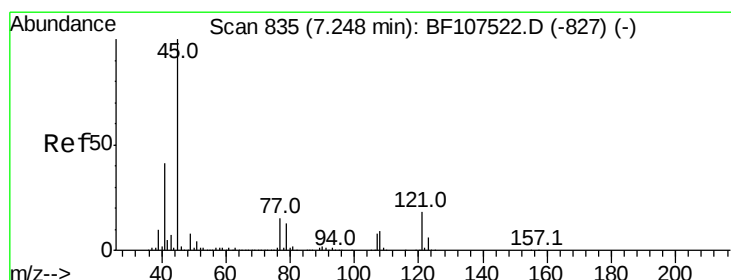
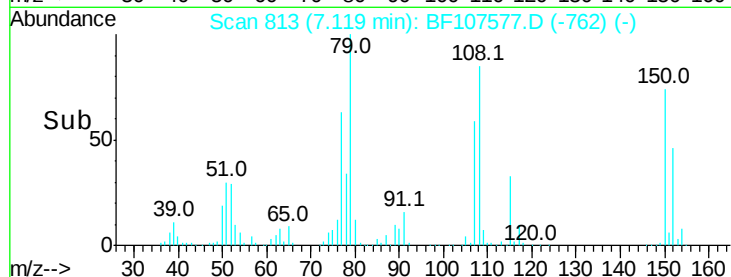
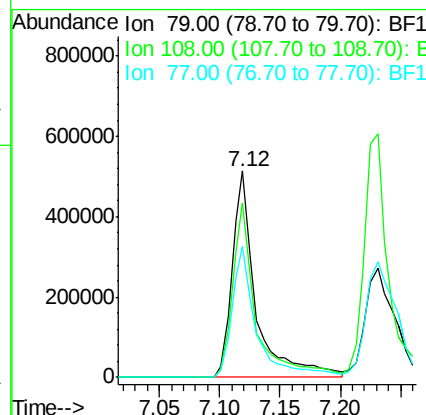
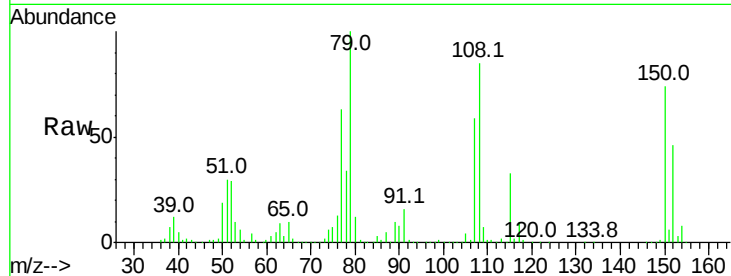
#15
Benzyl Alcohol
Concen: 41.779 ng
RT: 7.12 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion:	79	Resp:	702288
Ion Ratio	Lower	Upper	
79	100		
108	84.6	65.1	97.7
77	63.2	50.6	75.8

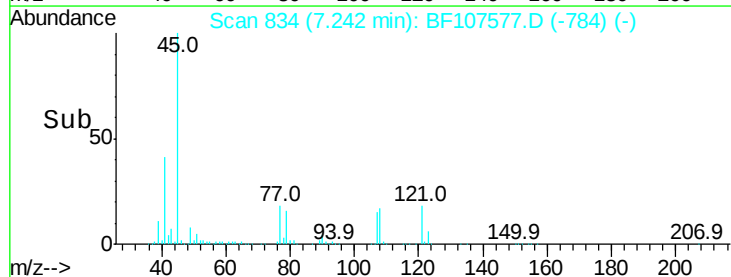
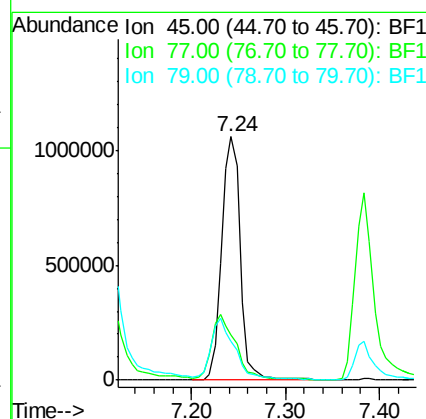
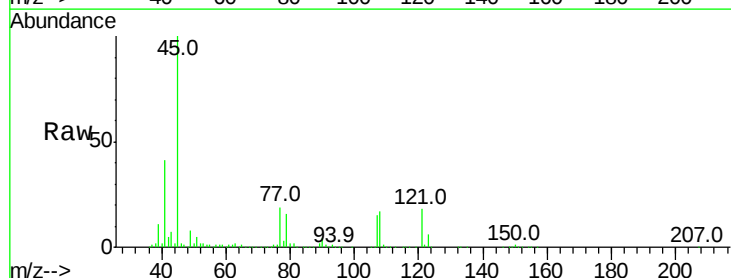
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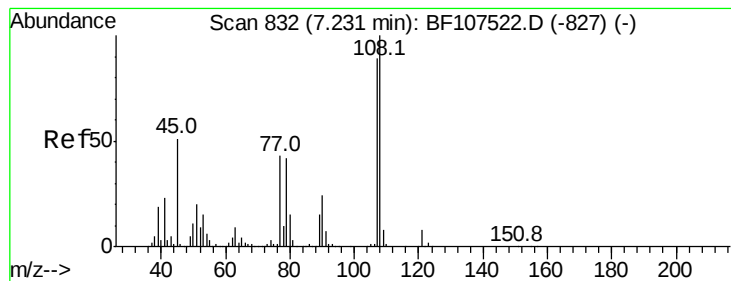
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.316 ng
RT: 7.24 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:	45	Resp:	1473359
Ion Ratio	Lower	Upper	
45	100		
77	18.5	0.0	32.9
79	15.7	0.0	29.6





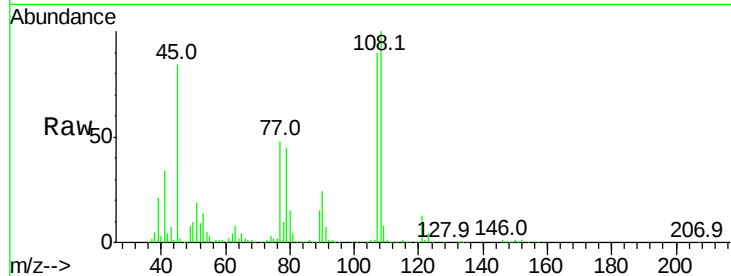
#17
2-Methylphenol
Concen: 40.869 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	764424		
108	110.7	91.7	137.5	
77	52.7	33.8	50.8	
79	49.6	33.8	50.8	

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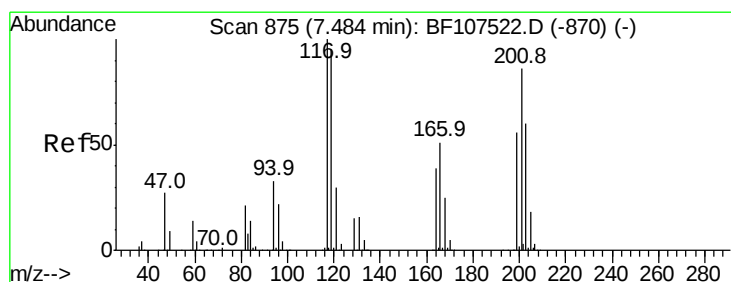
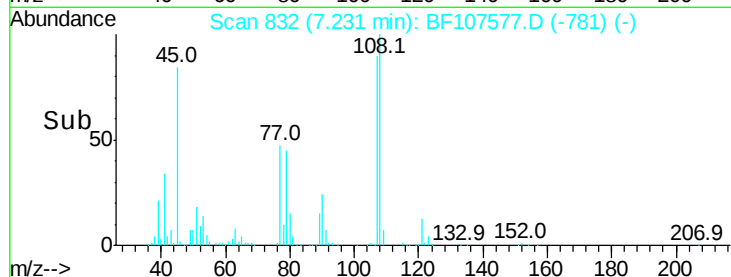
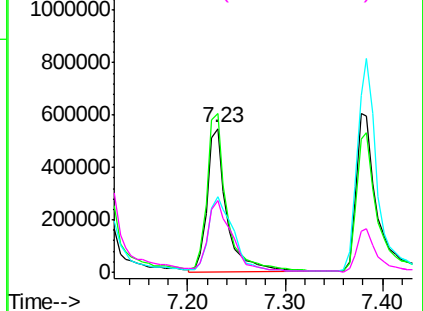
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 34.976 ng
RT: 7.48 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

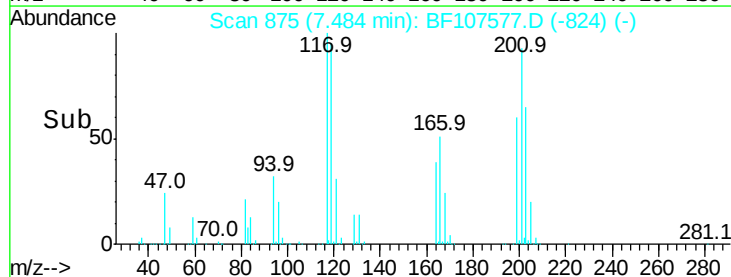
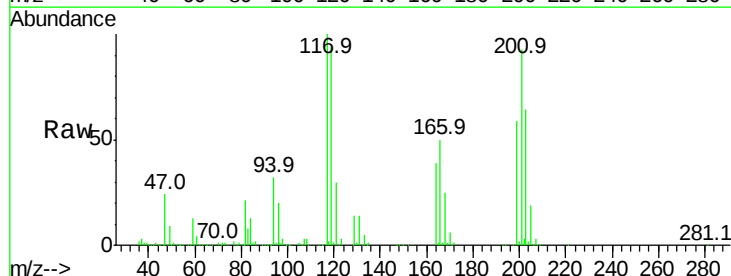
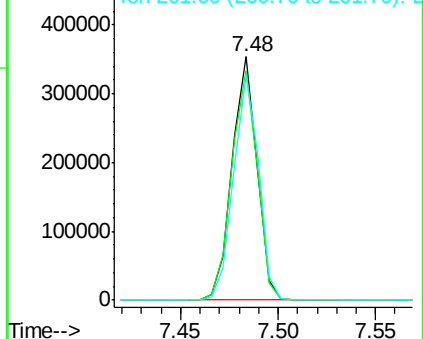
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	313725		
119	94.2	75.8	113.8	
201	92.6	75.7	113.5	

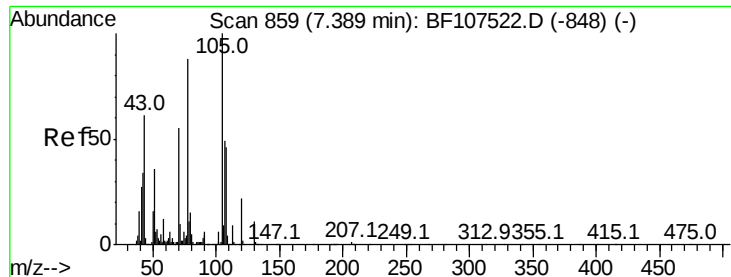
Abundance

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





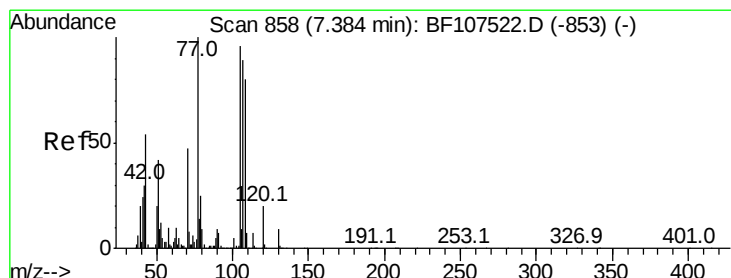
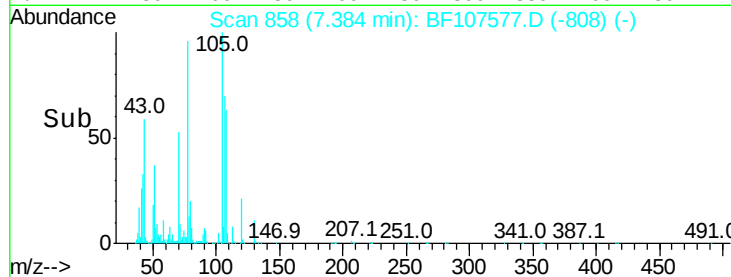
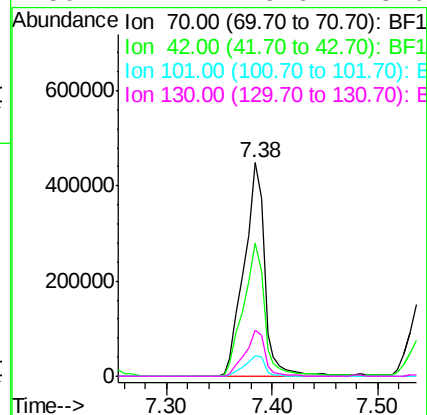
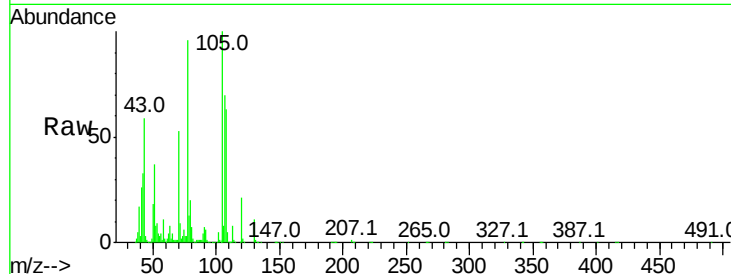
#19
n-Nitroso-di-n-propylamine
Concen: 38.102 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion	70	Resp	607094
Ion Ratio	Lower	Upper	
70	100		
42	62.1	47.5	71.3
101	9.8	7.4	11.2
130	21.4	16.6	25.0

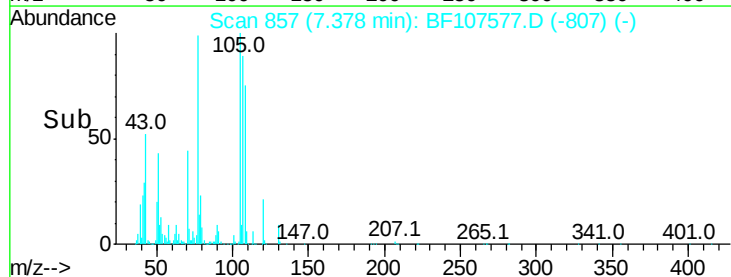
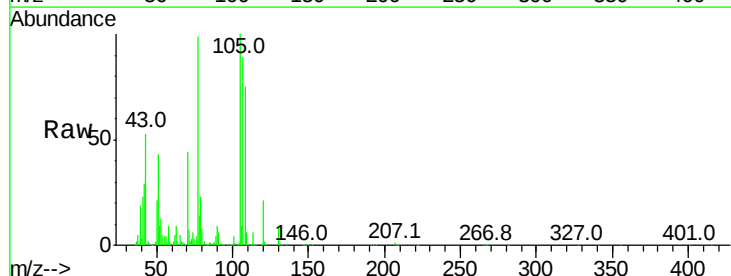
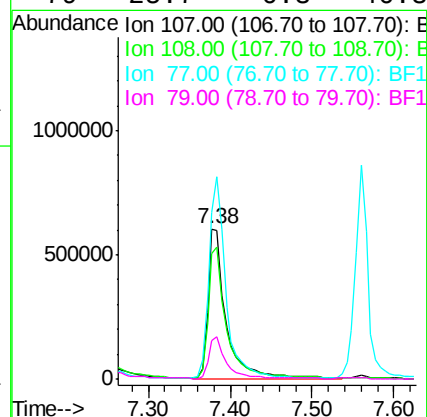
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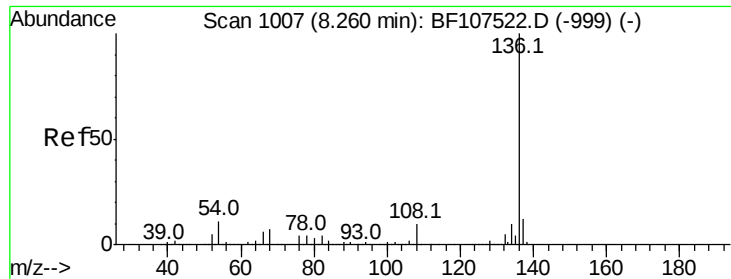
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#20
3+4-Methylphenols
Concen: 42.204 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion	107	Resp	937350
Ion Ratio	Lower	Upper	
107	100		
108	84.1	68.2	108.2
77	111.4	26.7	66.7#
79	25.7	6.3	46.3





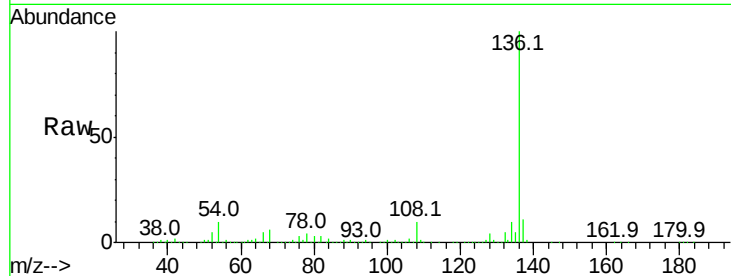
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

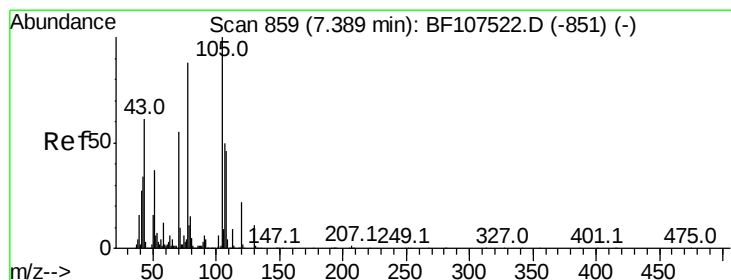
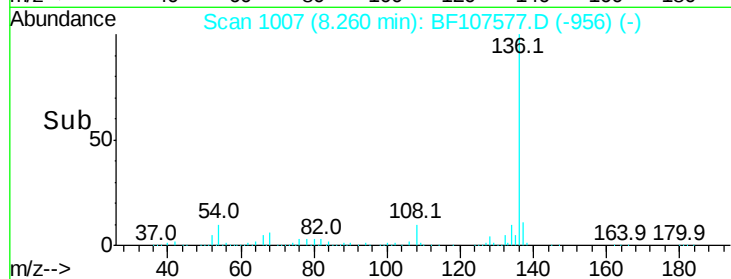
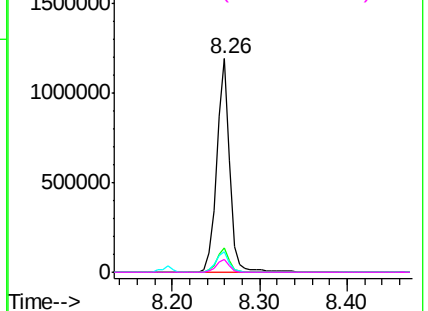
Tot Ion	136	Resp	1218096
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	9.7	6.6	9.8
68	6.1	5.0	7.4

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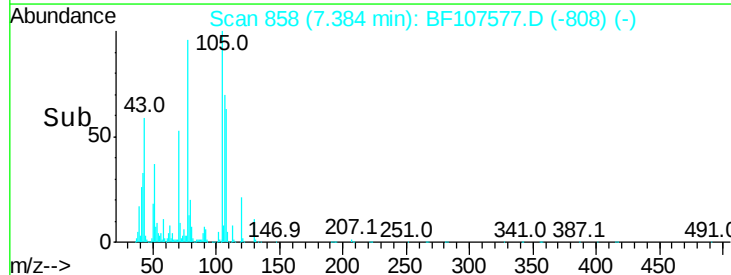
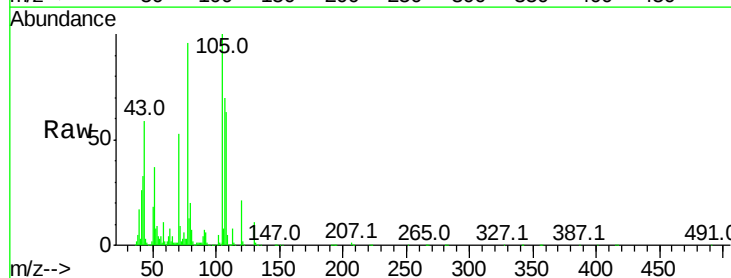
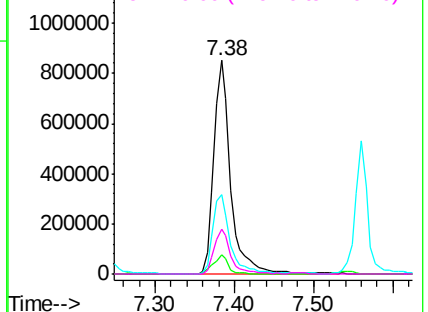
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

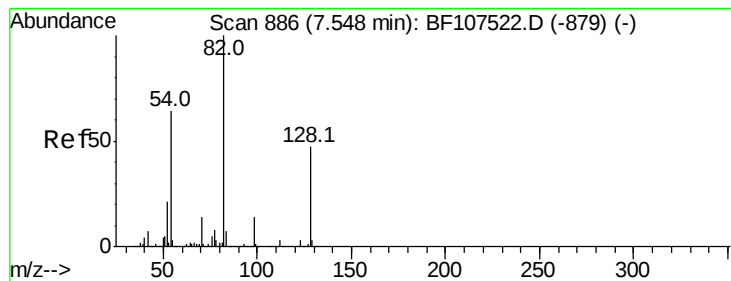


#22
Acetophenone
Concen: 43.630 ng
RT: 7.38 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion	105	Resp	1248125
Ion Ratio	Lower	Upper	
105	100		
71	9.0	4.4	6.6#
51	37.4	22.3	33.5#
120	21.0	16.9	25.3

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





#23

Nitrobenzene-d5

Concen: 100.327 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

Tot Ion: 82 Resp: 1810820

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

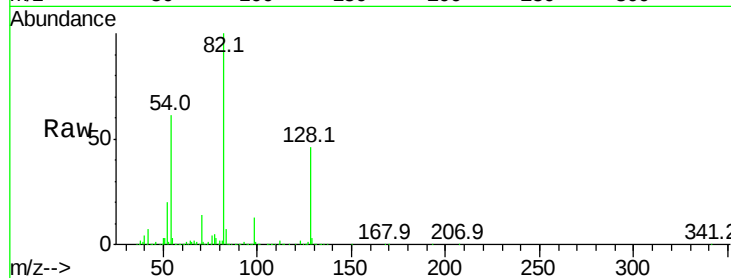
54 61.1 41.4 62.2

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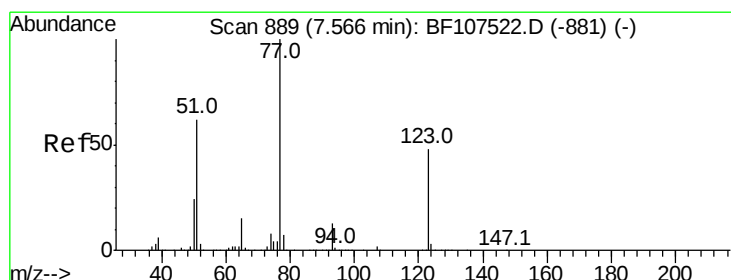
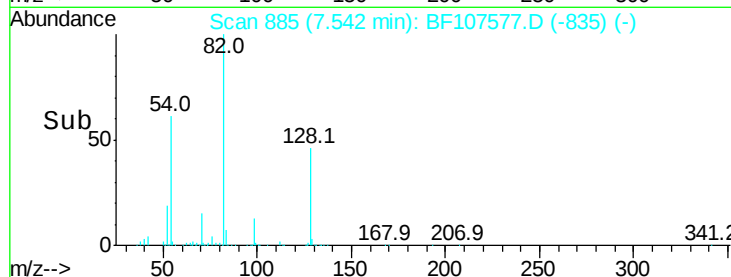
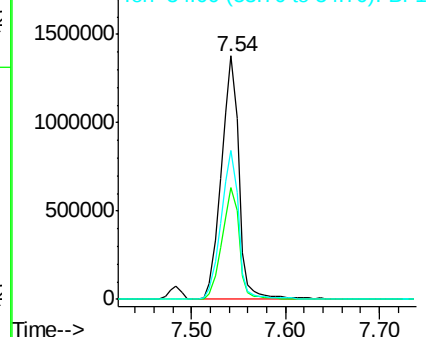
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 44.779 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

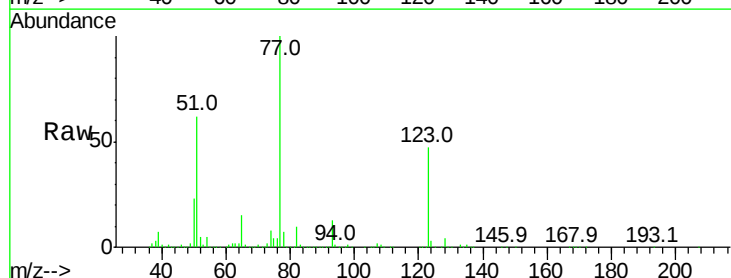
Tgt Ion: 77 Resp: 925714

Ion Ratio Lower Upper

77 100

123 47.3 37.9 56.9

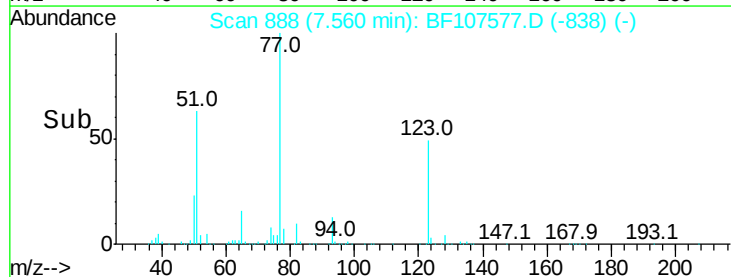
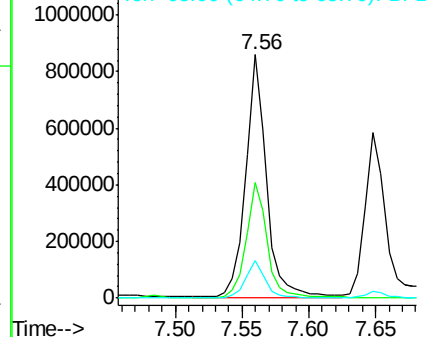
65 15.3 11.0 16.4

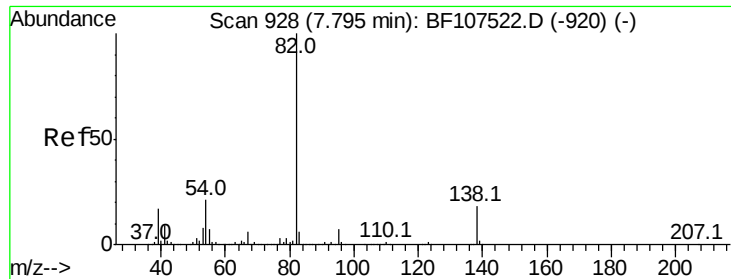


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





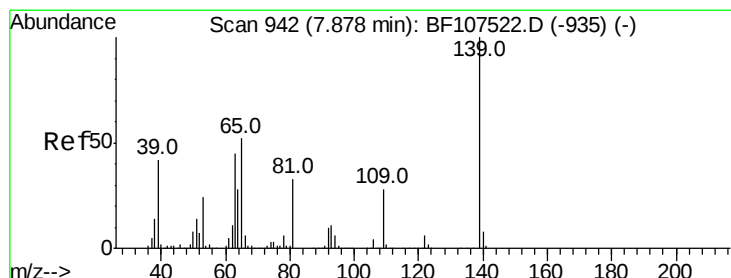
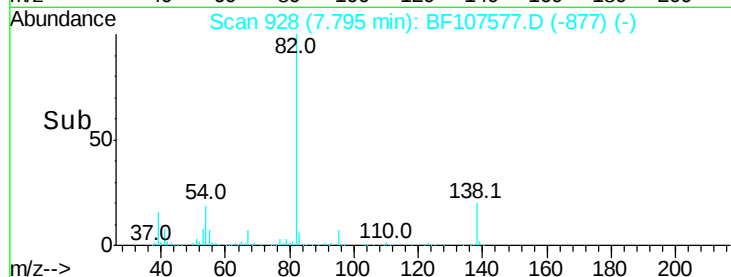
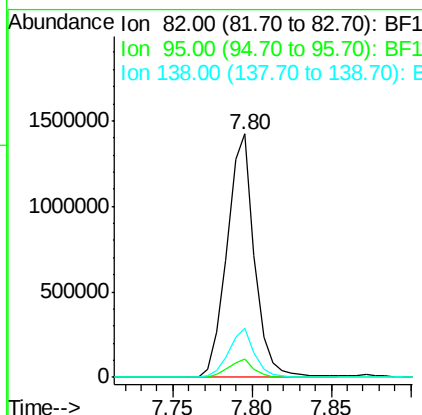
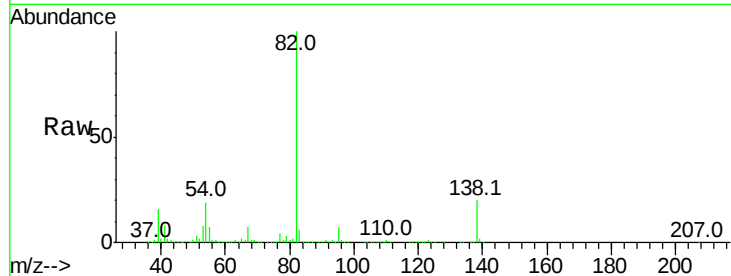
#25
Isophorone
Concen: 44.259 ng
RT: 7.80 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion: 82 Resp: 1705669
Ion Ratio Lower Upper
82 100
95 7.4 5.2 7.8
138 20.0 14.9 22.3

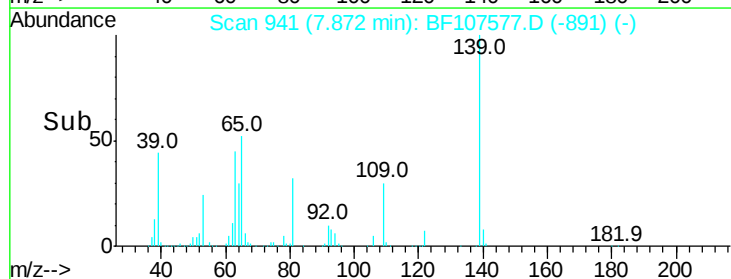
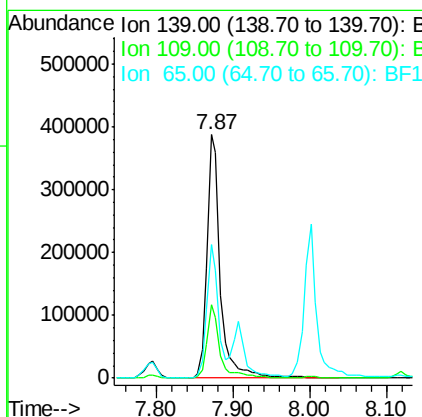
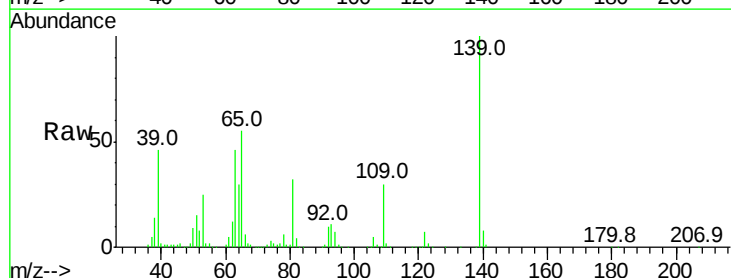
Manual Integrations
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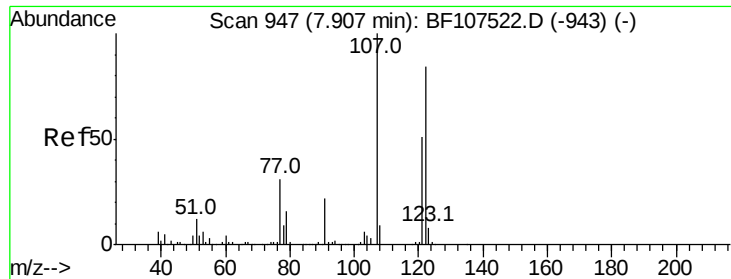
Sohil
7/23/2018 12:45:04 PM



#26
2-Nitrophenol
Concen: 53.045 ng
RT: 7.87 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion: 139 Resp: 463088
Ion Ratio Lower Upper
139 100
109 29.9 22.7 34.1
65 54.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 48.559 ng

RT: 7.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

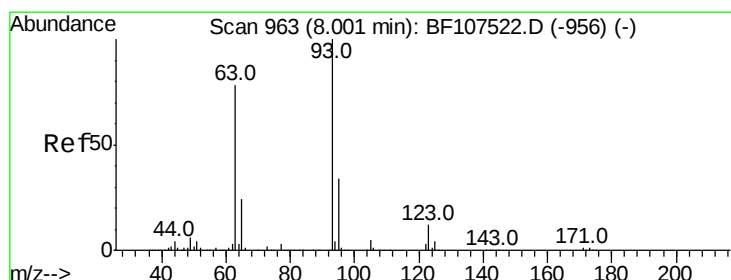
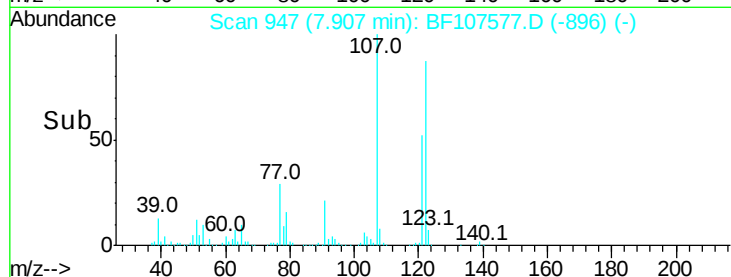
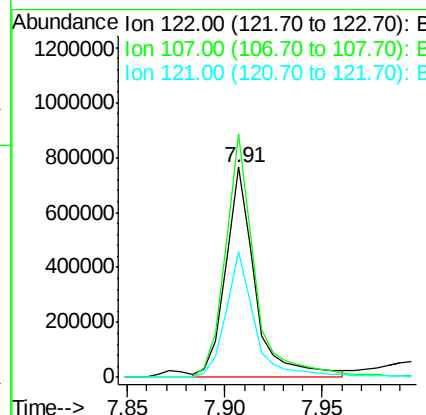
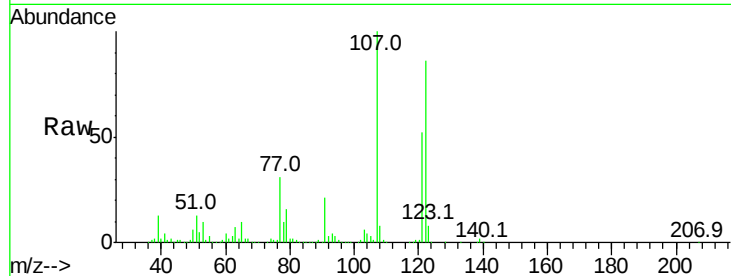
ClientSampled :

PB111309BS

Tot Ion:	122	Resp:	802431
Ion Ratio	Lower	Upper	
122	100		
107	115.8	91.2	136.8
121	59.8	47.2	70.8

Manual Integrations
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7/23/2018 12:45:04 PM



#28

bis(2-Chloroethoxy)methane

Concen: 43.614 ng

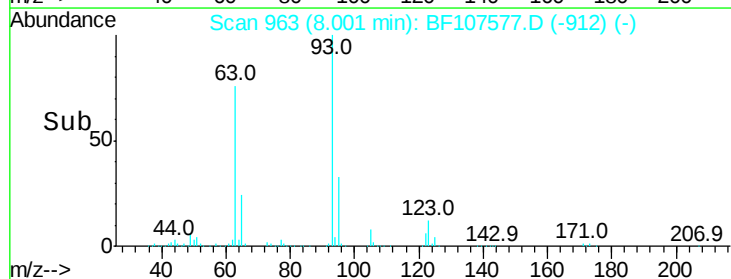
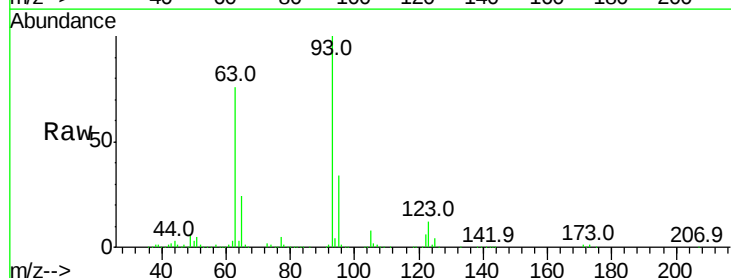
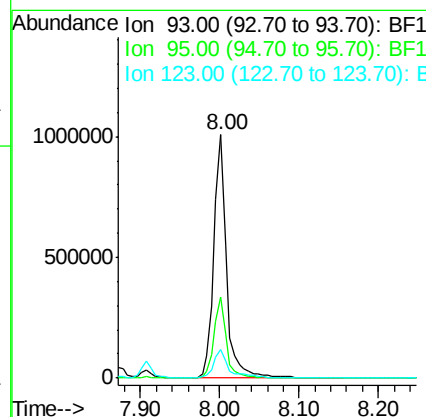
RT: 8.00 min Scan# 963

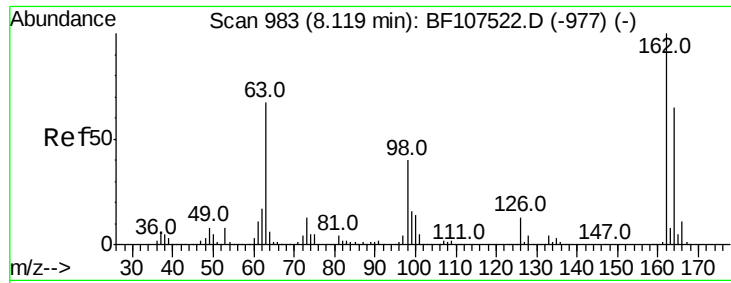
Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Tgt Ion:	93	Resp:	1123260
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.3	39.5
123	12.0	9.8	14.6





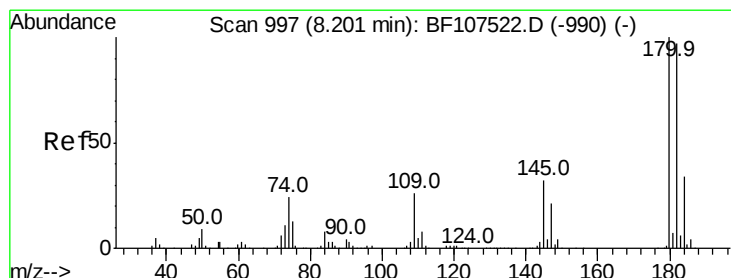
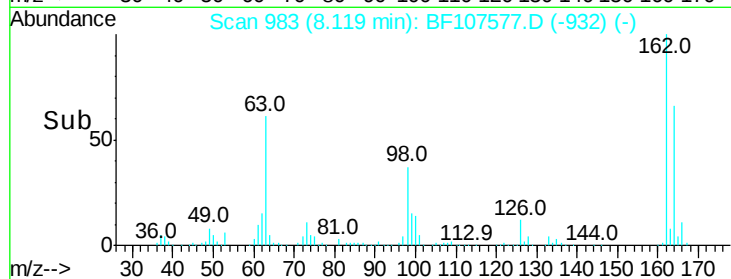
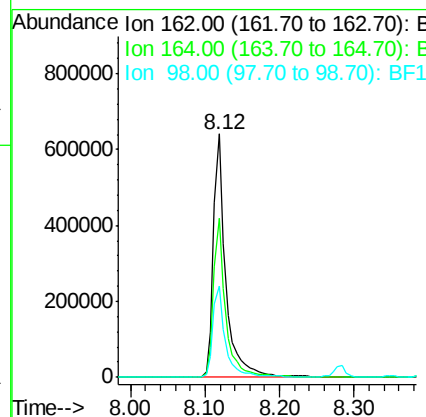
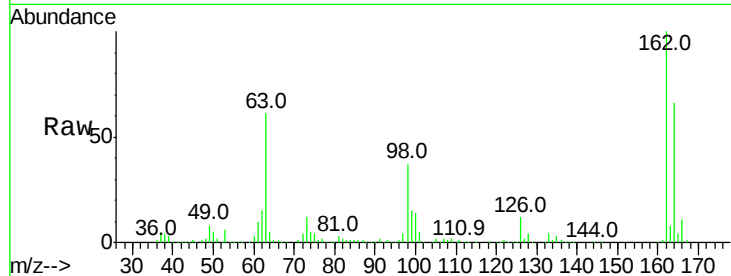
#29
2,4-Dichlorophenol
Concen: 44.420 ng
RT: 8.12 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	750271		
164	65.6	42.7	82.7	
98	37.4	18.1	58.1	

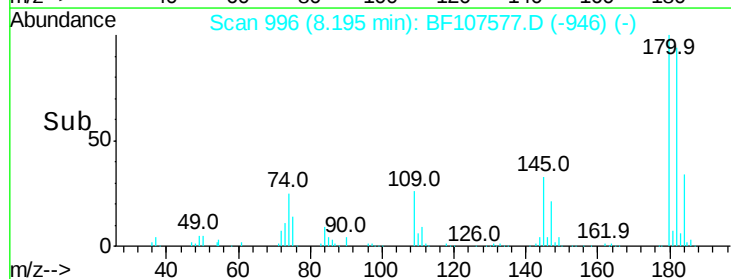
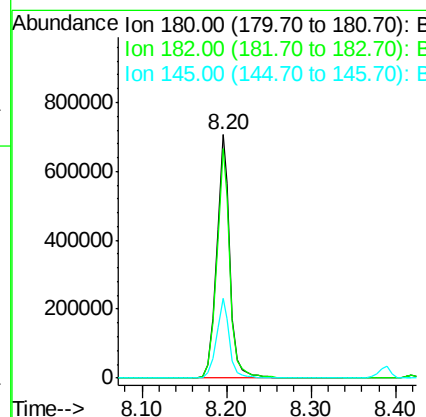
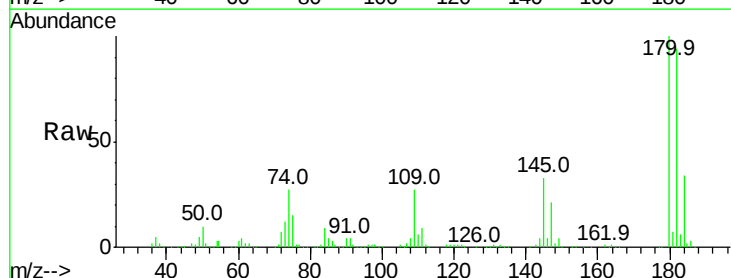
Manual Integrations
APPROVED

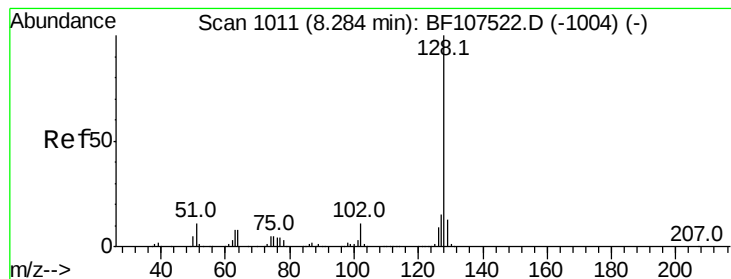
Sohil
7/23/2018 12:45:04 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.594 ng
RT: 8.20 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	789050		
182	94.3	76.8	115.2	
145	32.8	26.5	39.7	





#31

Naphthalene

Concen: 45.049 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

Tot Ion:128 Resp: 2413058

Ion Ratio Lower Upper

128 100

129 11.9 8.8 13.2

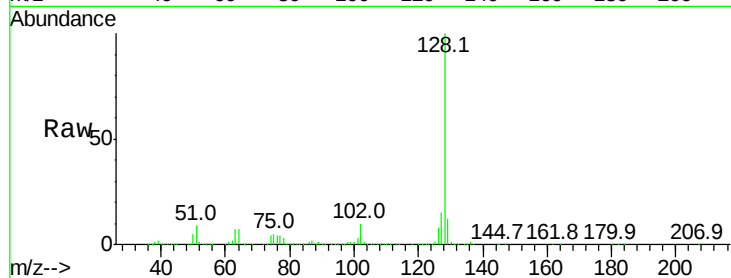
127 14.7 10.9 16.3

Manual Integrations

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Sohil

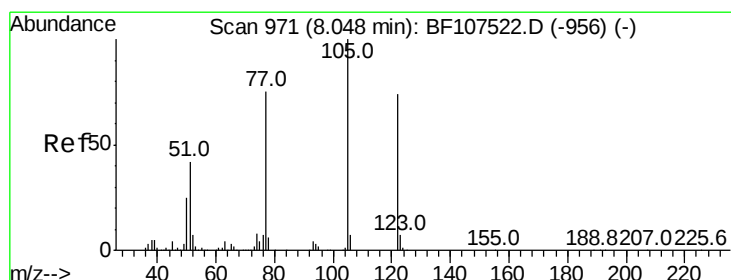
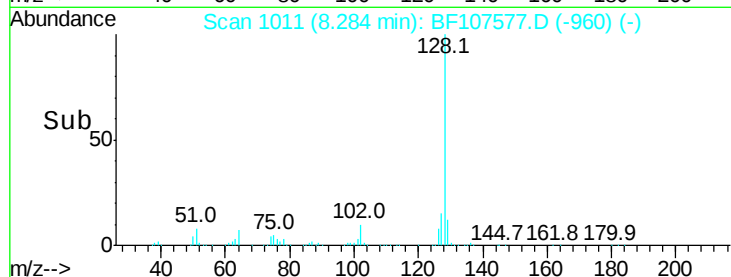
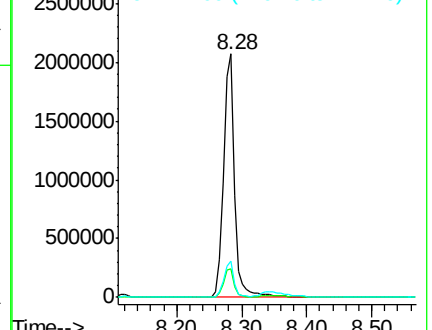
7/23/2018 12:45:04 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.880 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

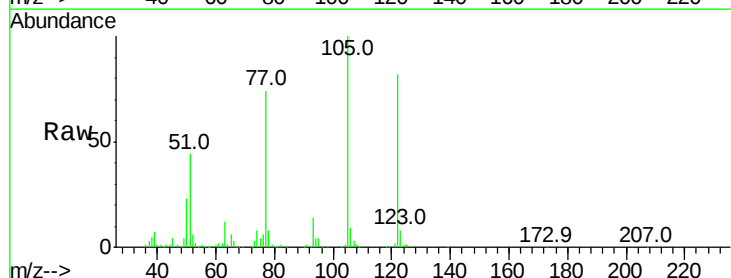
Tgt Ion:122 Resp: 469235

Ion Ratio Lower Upper

122 100

105 122.6 101.1 141.1

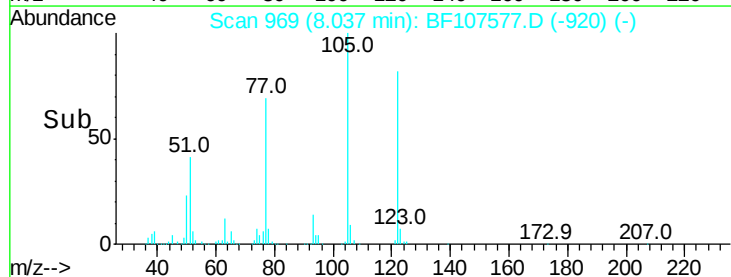
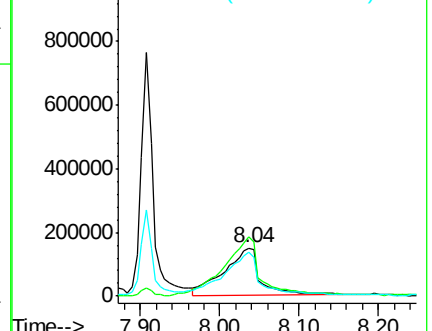
77 90.5 70.7 110.7

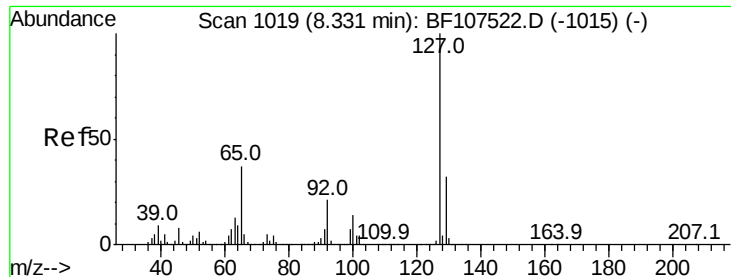


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





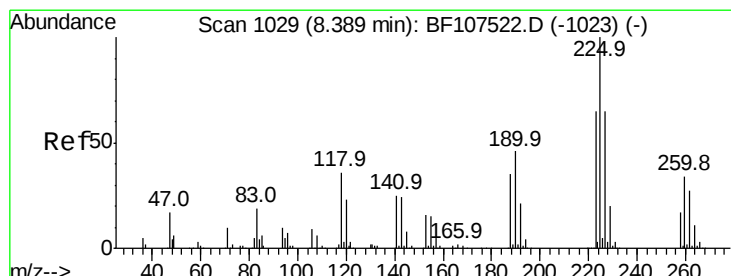
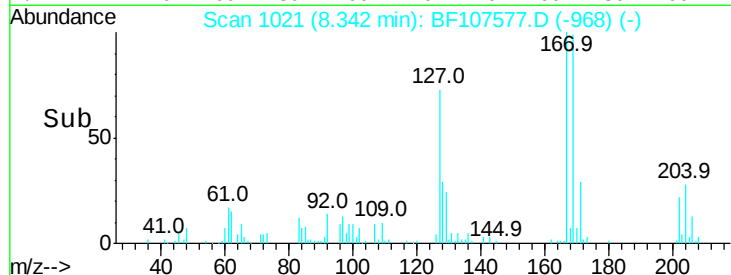
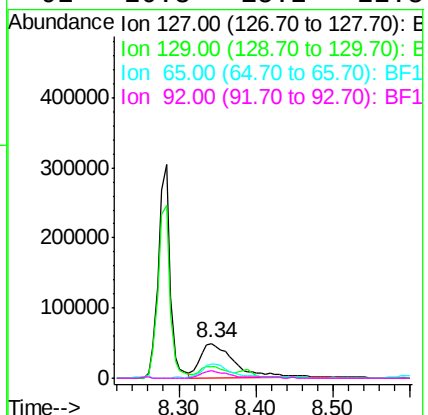
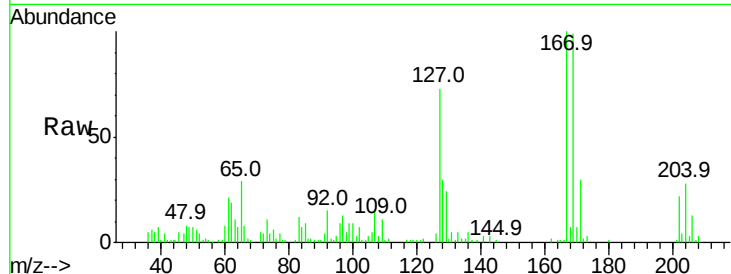
#33
 4-Chloroaniline
 Concen: 6.649 ng
 RT: 8.34 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.9	25.9	38.9
65	40.1	25.0	37.4
92	20.3	15.2	22.8

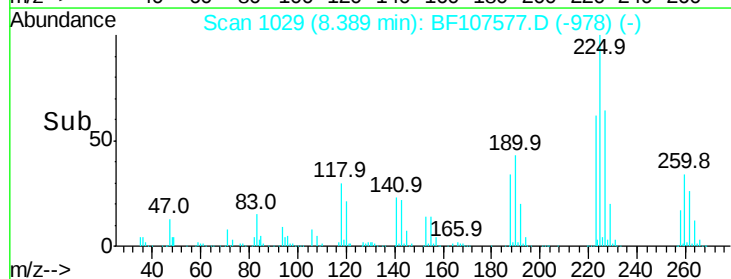
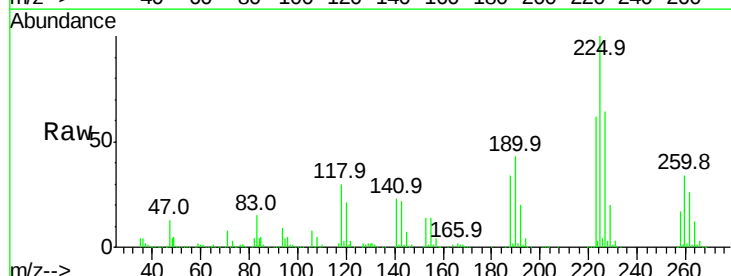
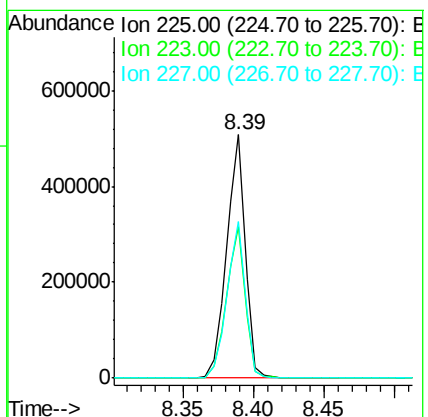
Manual Integrations
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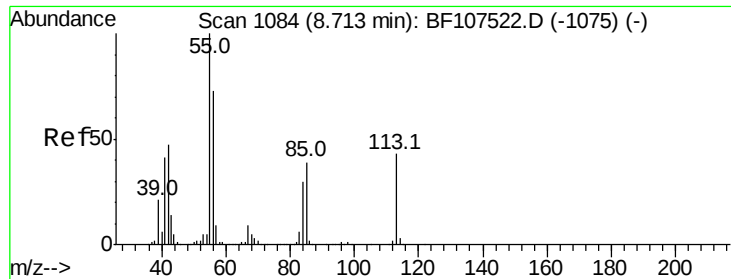
Sohil
 7/23/2018 12:45:04 PM



#34
 Hexachlorobutadiene
 Concen: 41.352 ng
 RT: 8.39 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.2	50.6	76.0
227	64.2	51.9	77.9





#35

Caprolactam

Concen: 42.854 ng/ml

RT: 8.71 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

Tot Ion:113 Resp: 235429
Ion Ratio Lower Upper

113 100

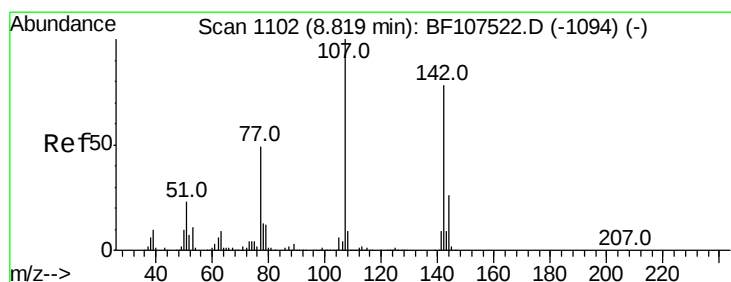
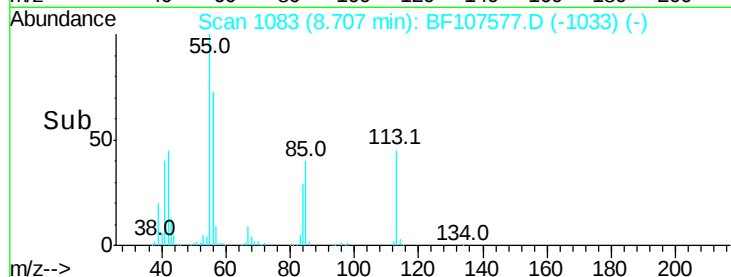
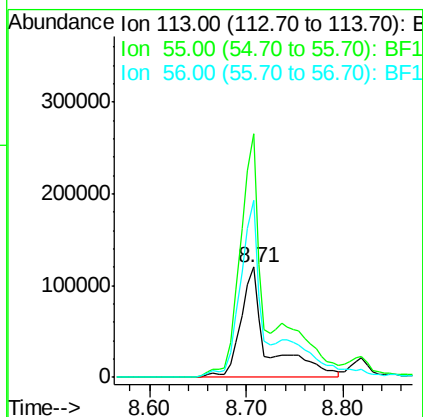
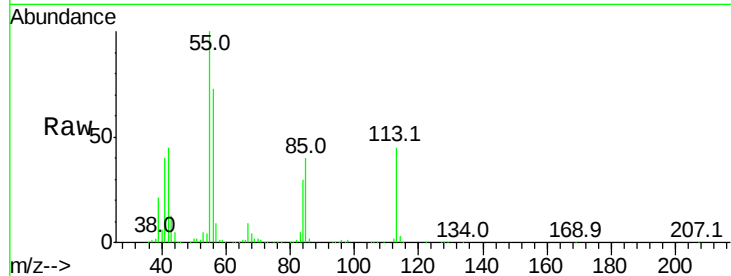
55 220.6 163.3 203.3#

56 160.2 115.7 155.7#

Manual Integrations
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Sohil

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#36

4-Chloro-3-methylphenol

Concen: 43.069 ng/ml

RT: 8.82 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF107577.D

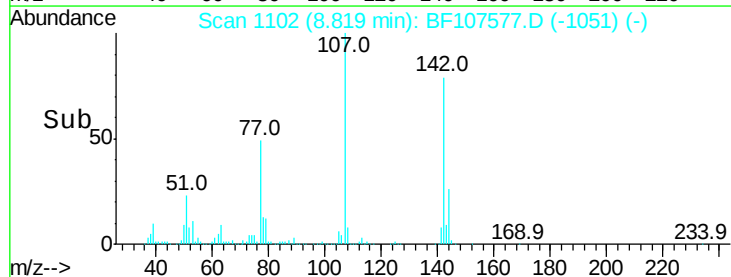
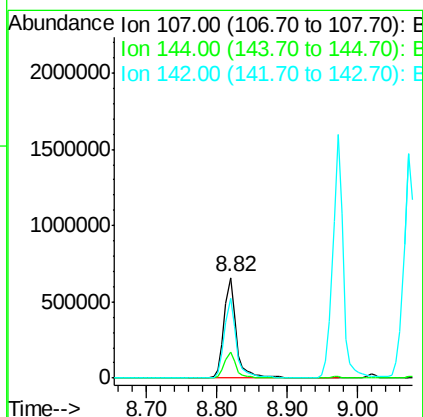
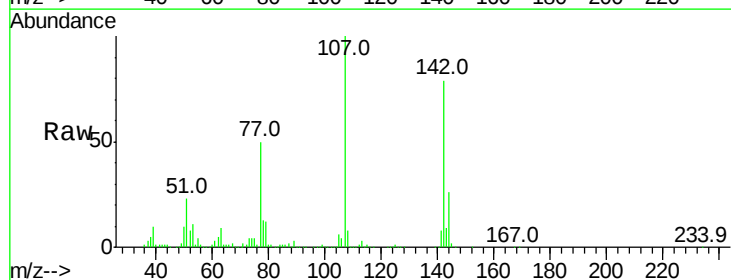
Acq: 21 Jul 2018 15:34

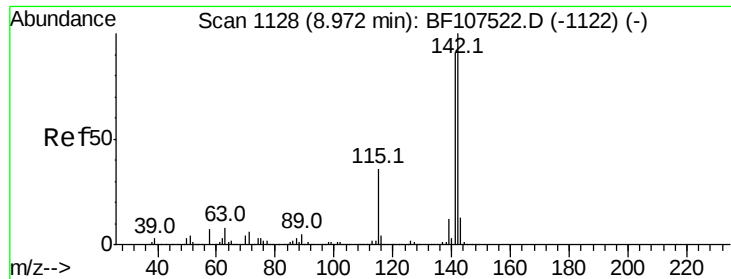
Tgt Ion:107 Resp: 808071
Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

142 78.9 62.0 93.0





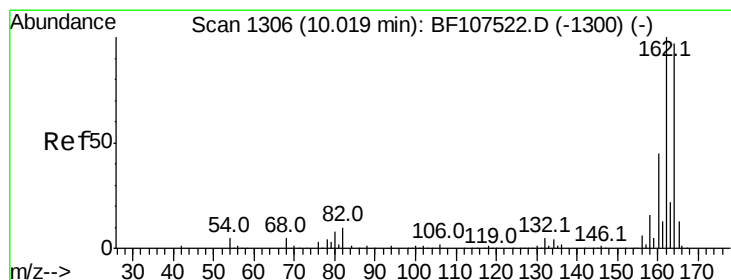
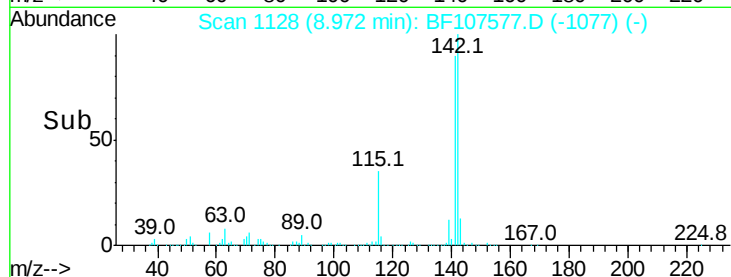
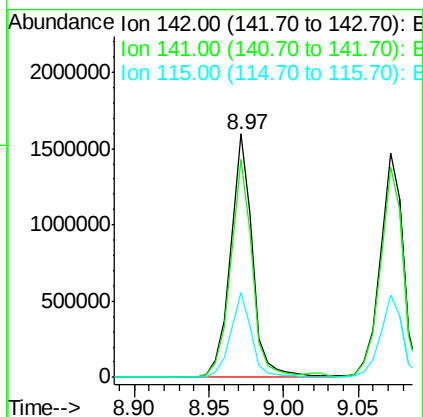
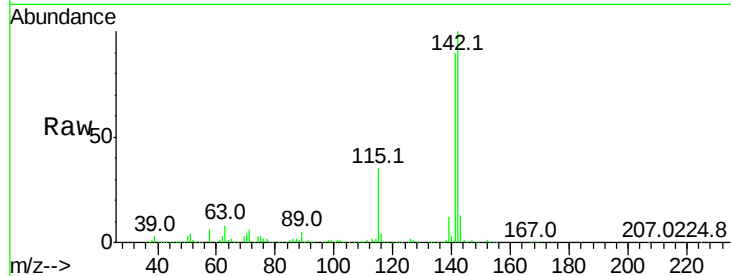
#37
2-Methylnaphthalene
Concen: 44.647 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.8	106.2
115	34.8	26.1	39.1

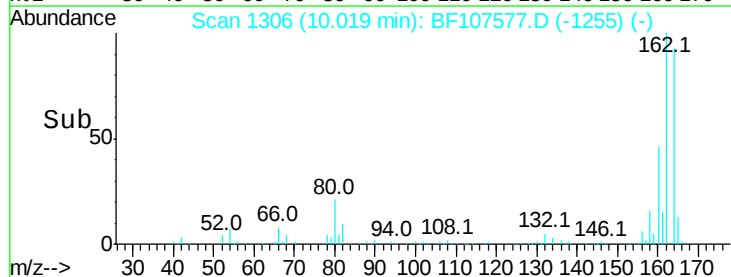
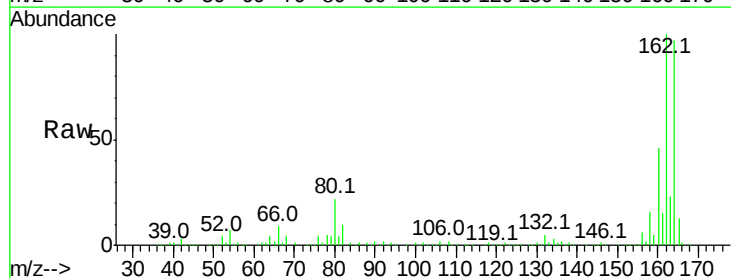
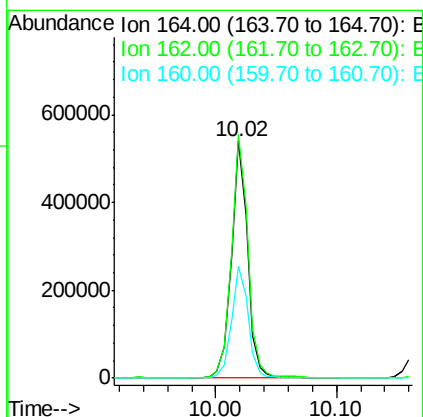
Manual Integrations
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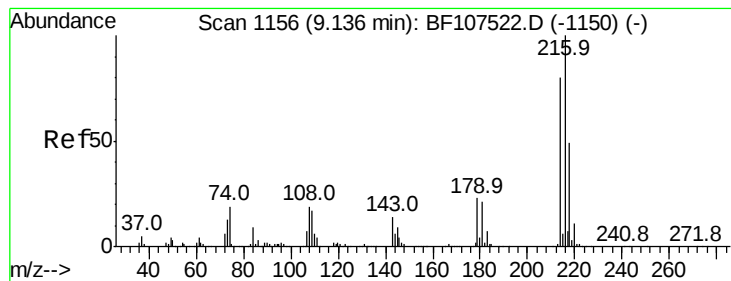
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	47.2	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.086 ng

RT: 9.14 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

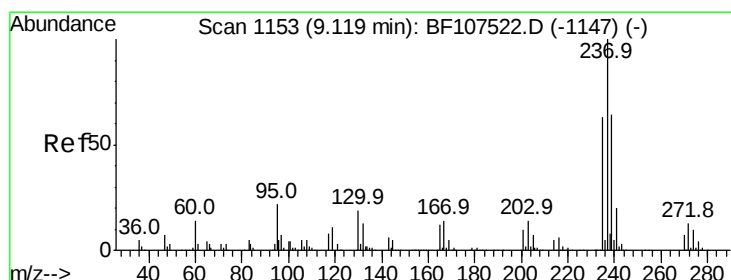
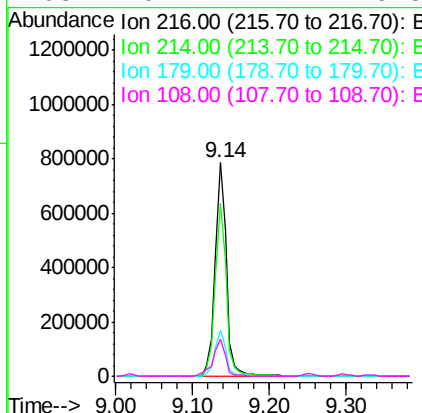
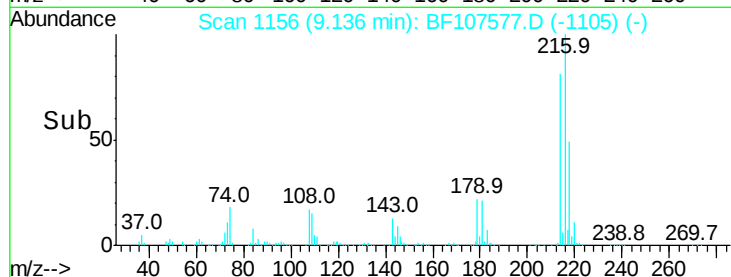
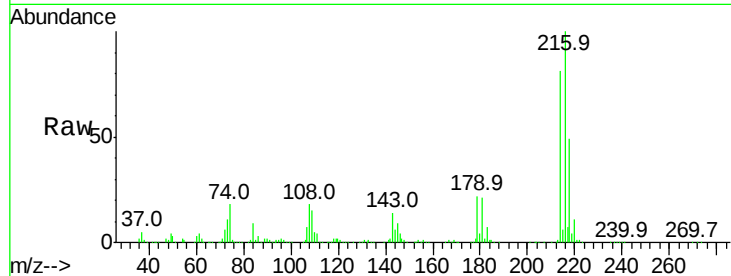
ClientSampleId :

PB111309BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	779755		
214	80.3	63.0	94.4	
179	21.1	18.1	27.1	
108	19.1	17.2	25.8	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 45.500 ng

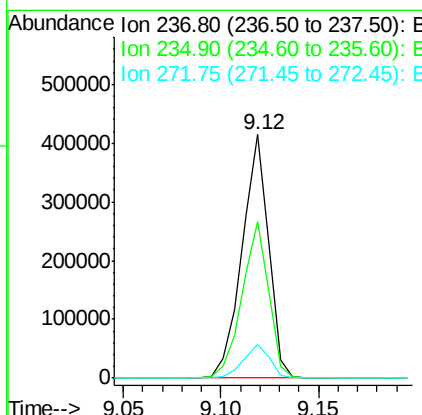
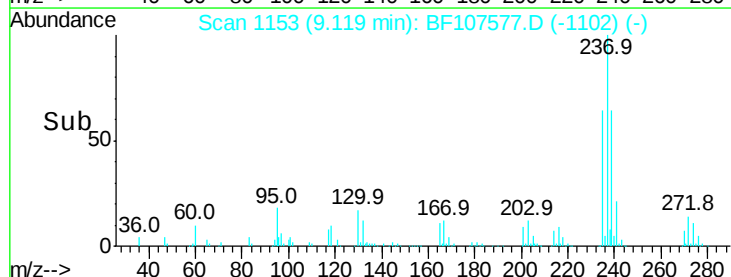
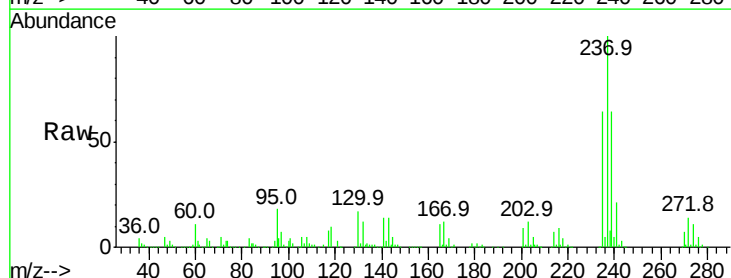
RT: 9.12 min Scan# 1153

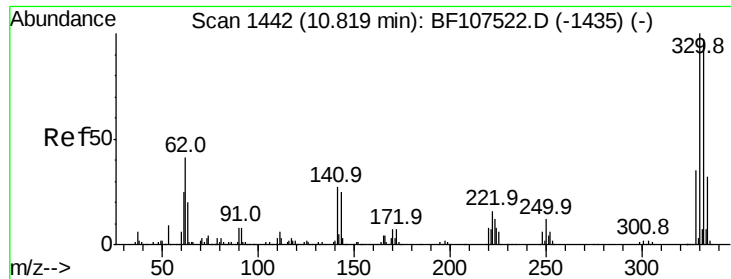
Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	391346		
235	64.4	44.8	84.8	
272	13.7	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 89.380 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

Tot Ion:330 Resp: 515588

Ion Ratio Lower Upper

330 100

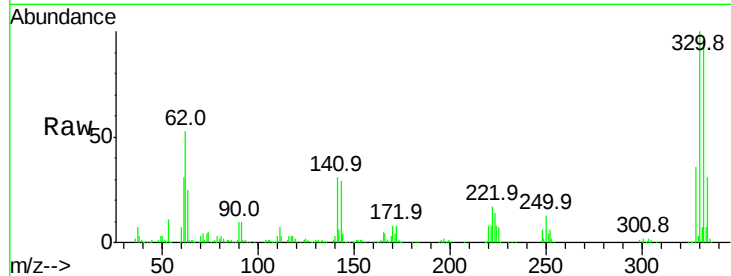
332 96.1 77.0 115.6

141 29.2 29.9 44.9#

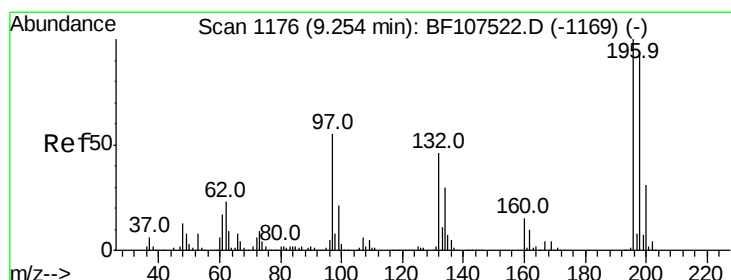
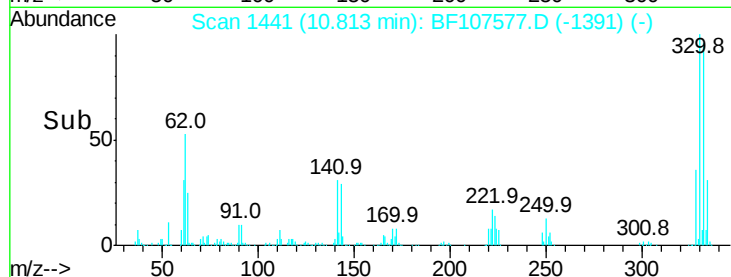
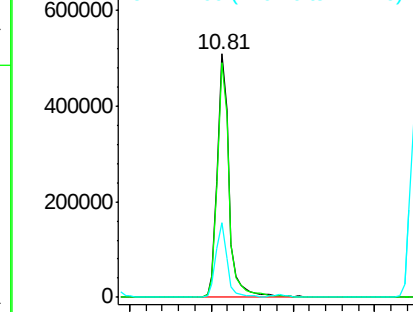
Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 45.613 ng

RT: 9.25 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

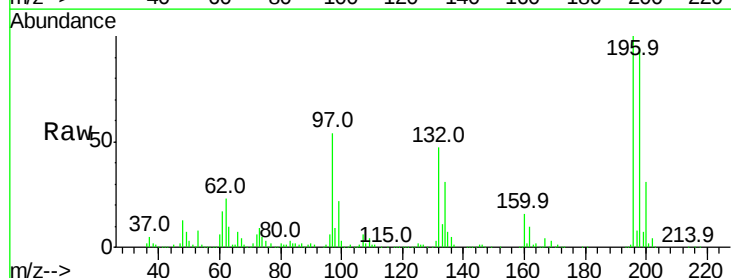
Tgt Ion:196 Resp: 493995

Ion Ratio Lower Upper

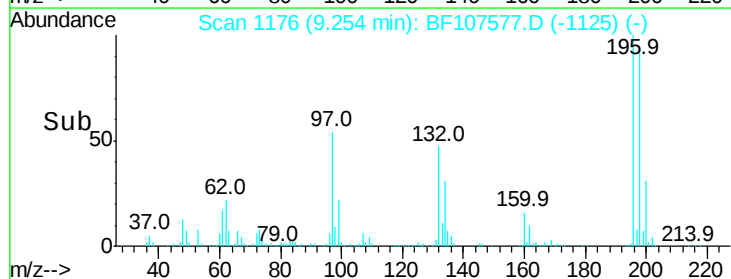
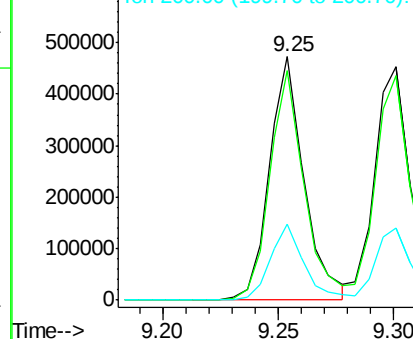
196 100

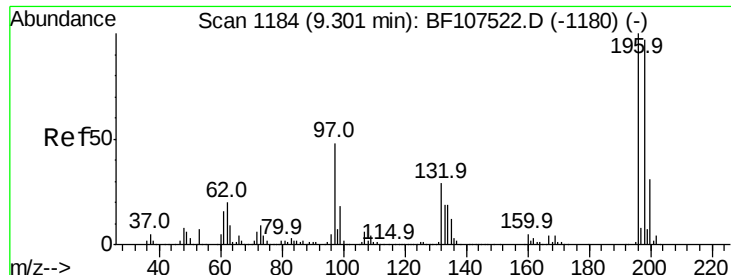
198 94.5 75.7 113.5

200 31.3 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





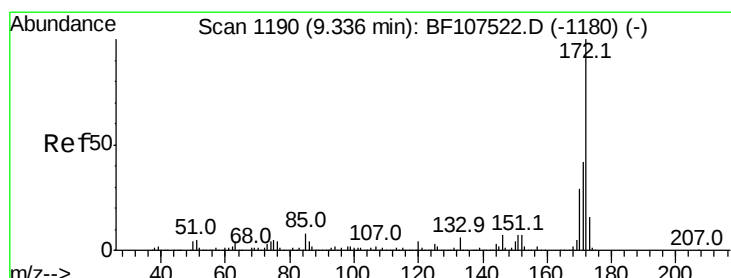
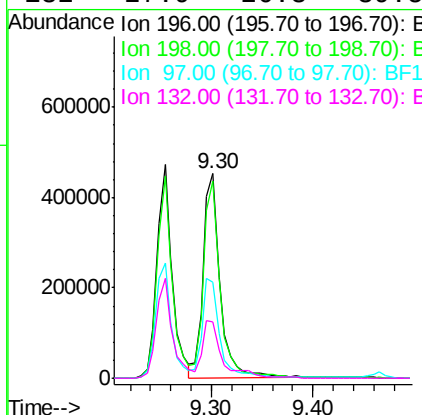
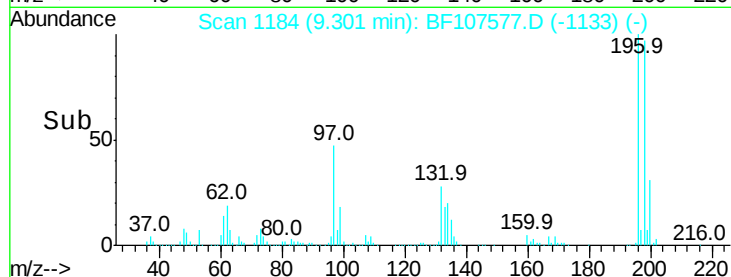
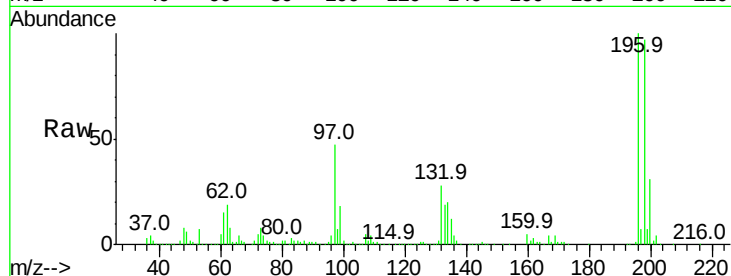
#43
 2,4,5-Trichlorophenol
 Concen: 46.683 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Tot Ion:	196	Resp:	528397
Ion Ratio	Lower	Upper	
196	100		
198	96.6	74.6	112.0
97	46.9	42.9	64.3
132	27.9	26.3	39.5

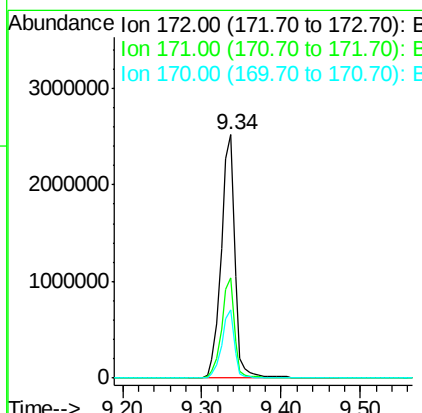
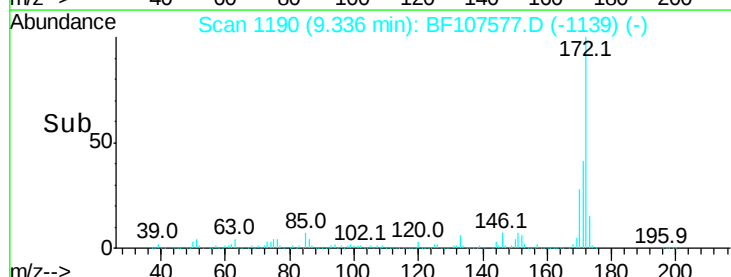
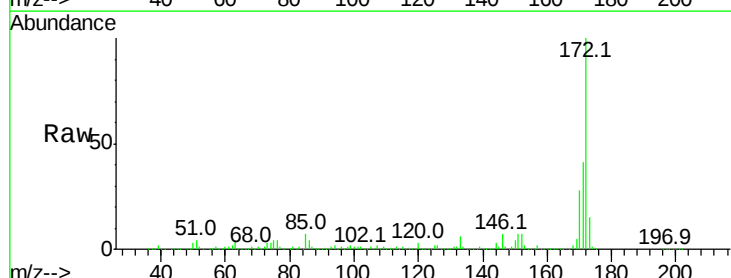
Manual Integrations
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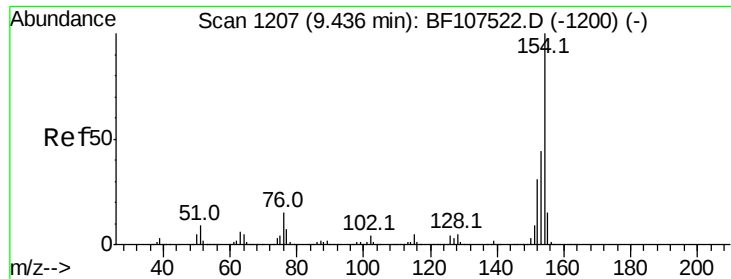
Sohil
 7/23/2018 12:45:04 PM



#44
 2-Fluorobiphenyl
 Concen: 109.647 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion:	172	Resp:	3003712
Ion Ratio	Lower	Upper	
172	100		
171	41.0	29.7	44.5
170	27.9	19.6	29.4





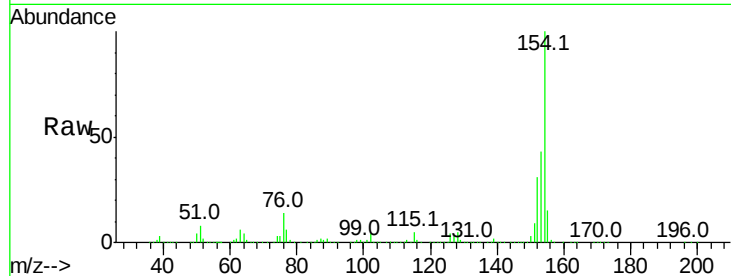
#45
 1,1'-Biphenyl
 Concen: 44.463 ng
 RT: 9.44 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleID :
 PB111309BS

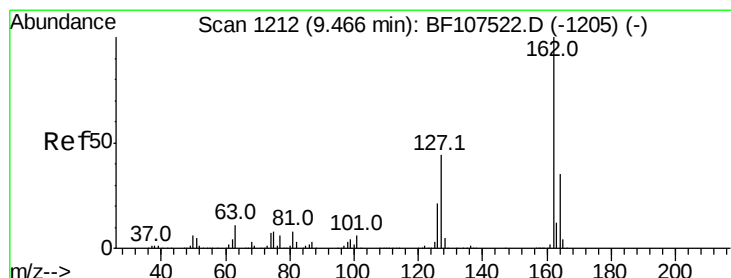
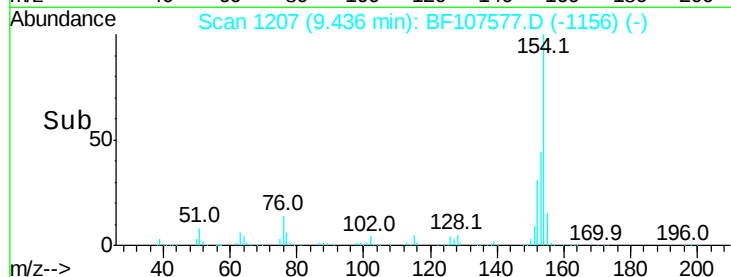
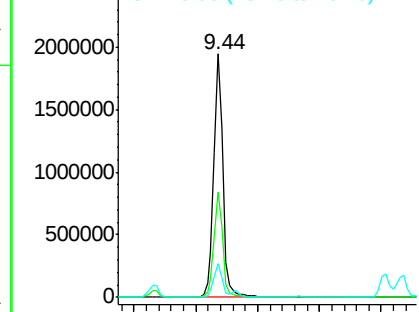
Tot Ion:154 Resp: 1964808
 Ion Ratio Lower Upper
 154 100
 153 43.5 21.3 61.3
 76 13.9 0.0 34.0

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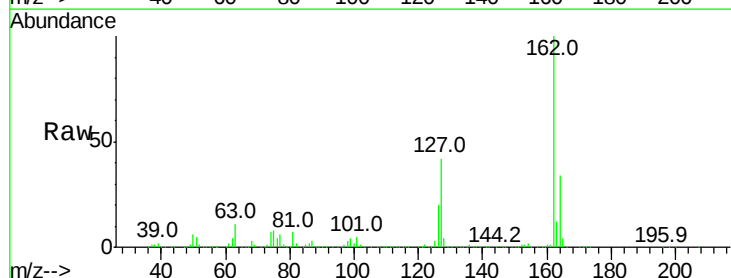


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

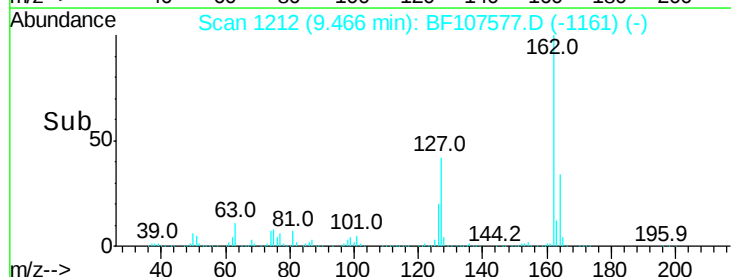
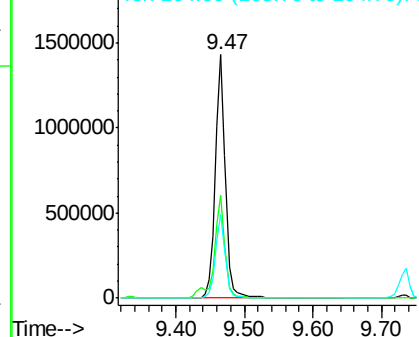


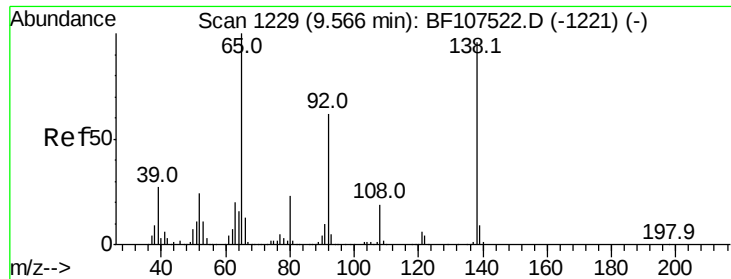
#46
 2-Chloronaphthalene
 Concen: 43.568 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion:162 Resp: 1471609
 Ion Ratio Lower Upper
 162 100
 127 42.3 33.9 50.9
 164 34.2 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: 51.932 ng

RT: 9.57 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

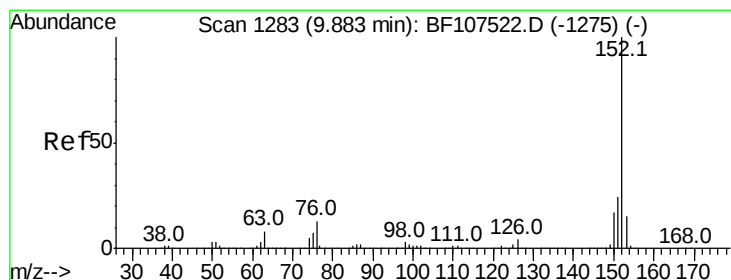
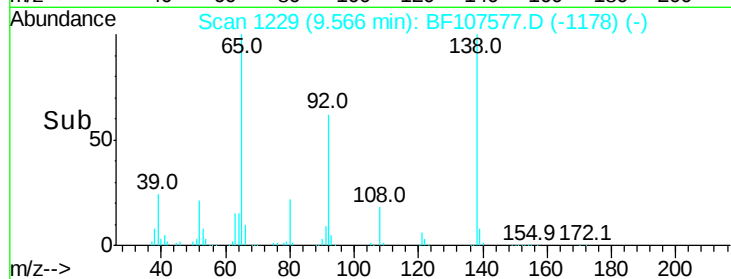
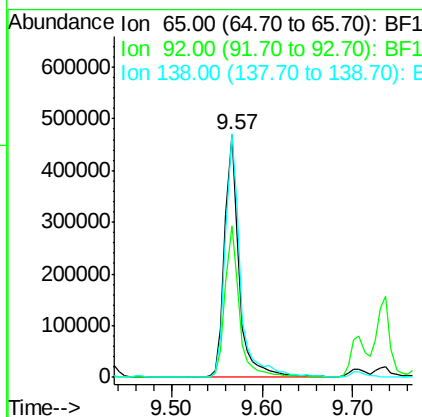
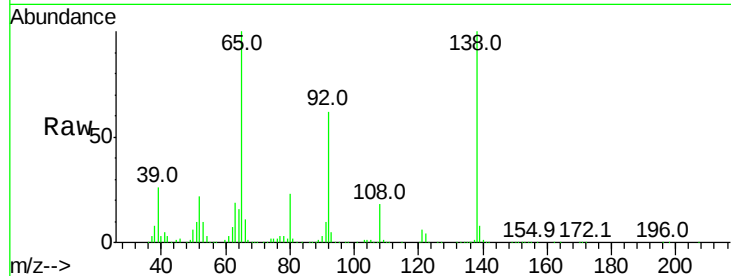
ClientSampleId :

PB111309BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.8	55.8	83.6
138	100.5	91.2	136.8

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#48

Acenaphthylene

Concen: 44.815 ng

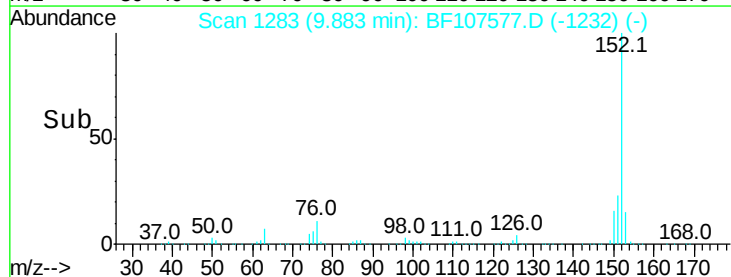
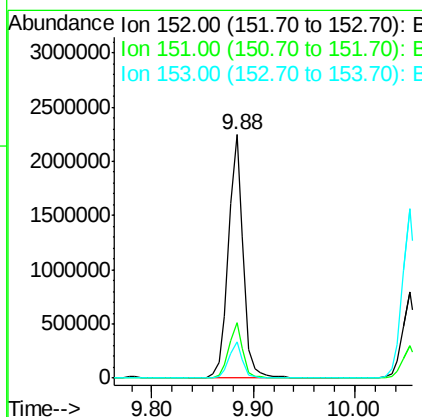
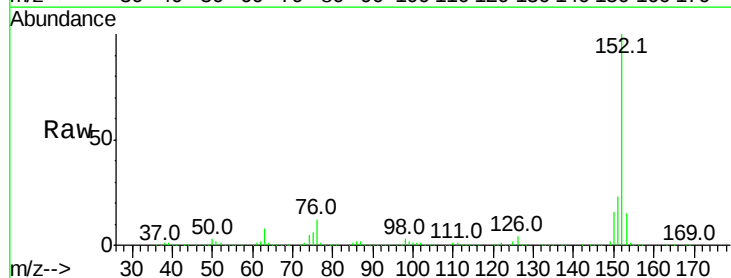
RT: 9.88 min Scan# 1283

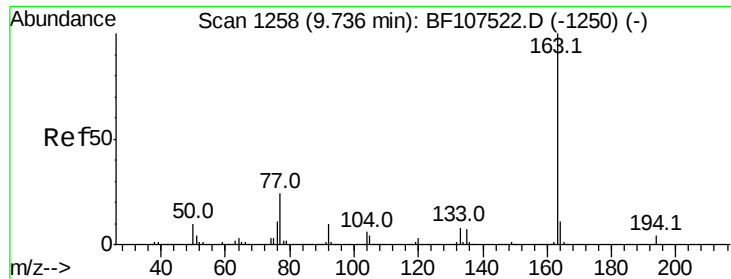
Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.3	24.5
153	14.8	10.7	16.1





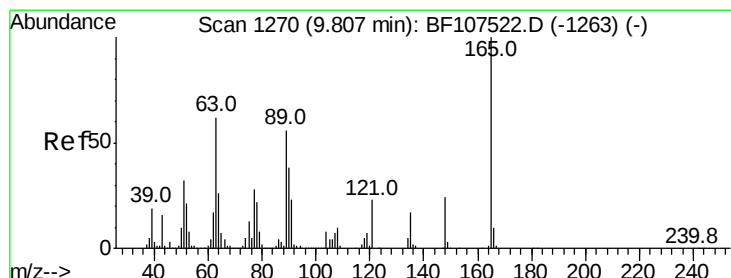
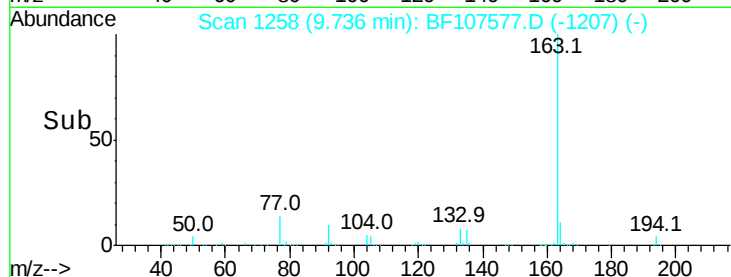
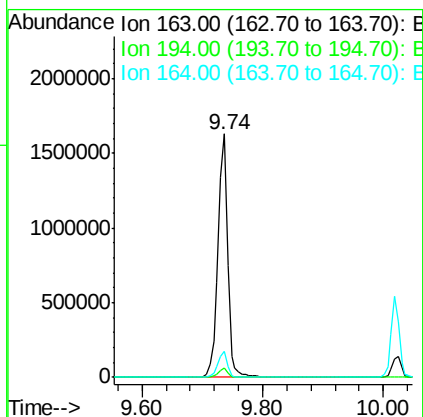
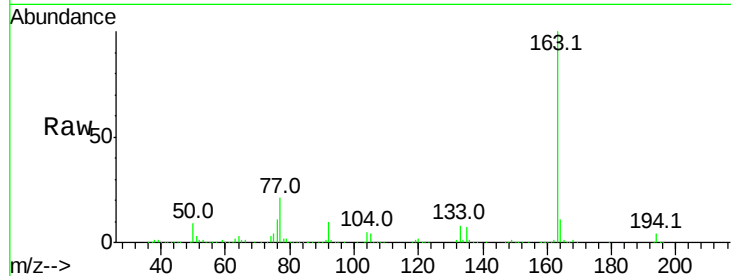
#49
Dimethylphthalate
Concen: 46.988 ng
RT: 9.74 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion:163 Resp: 1796404
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.9 8.2 12.2

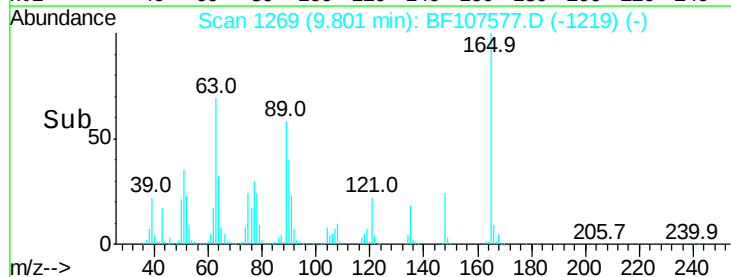
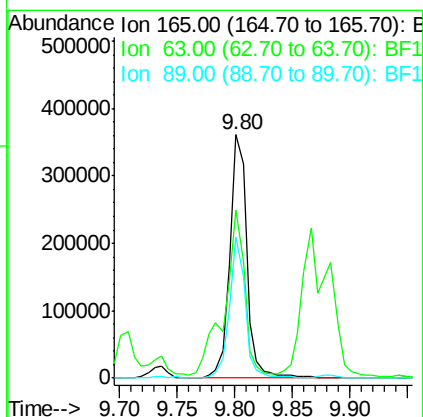
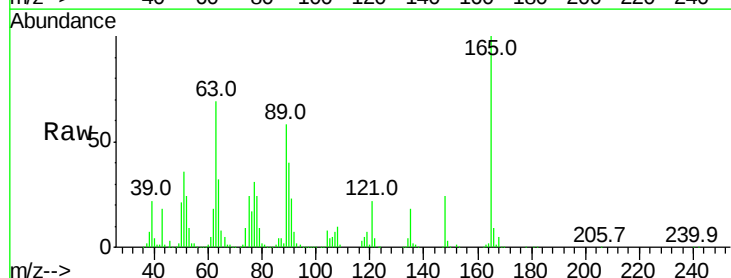
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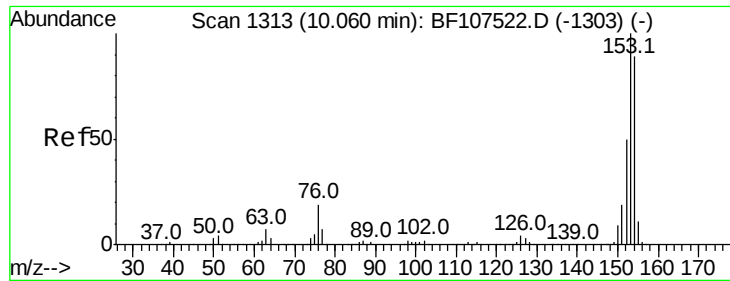
Sohil
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#50
2,6-Dinitrotoluene
Concen: 48.802 ng
RT: 9.80 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:165 Resp: 370435
Ion Ratio Lower Upper
165 100
63 69.2 44.7 67.1#
89 57.8 44.0 66.0





#51

Acenaphthene

Concen: 45.028 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

Tot Ion:154 Resp: 1431514

Ion Ratio Lower Upper

154 100

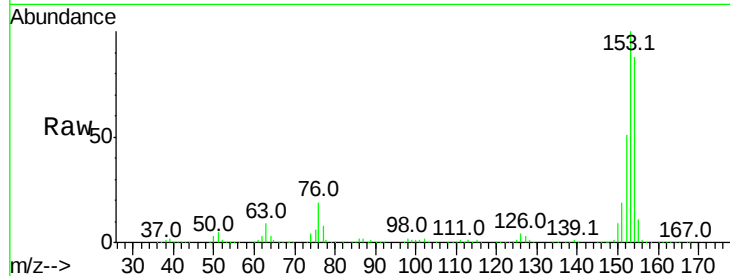
153 113.1 91.2 136.8

152 57.2 43.8 65.8

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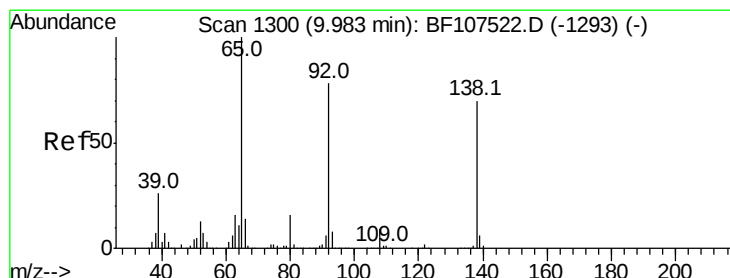
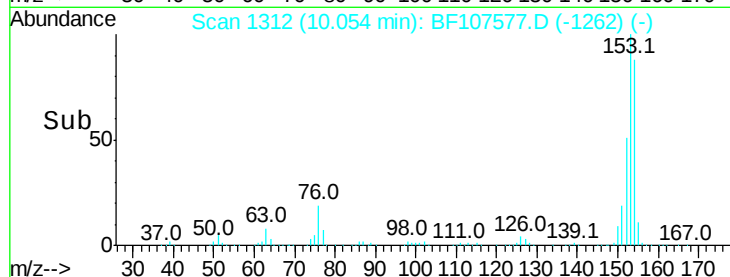
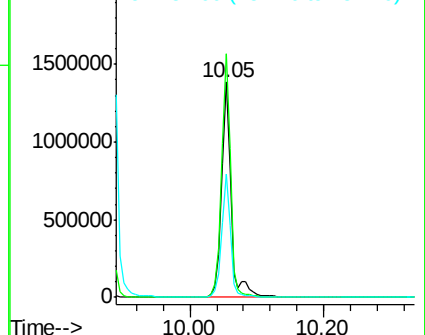
7/23/2018 12:45:04 PM



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: 25.373 ng

RT: 9.98 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

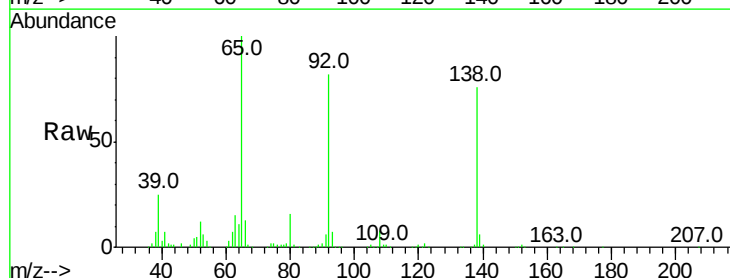
Tgt Ion:138 Resp: 234302

Ion Ratio Lower Upper

138 100

108 10.9 9.4 14.0

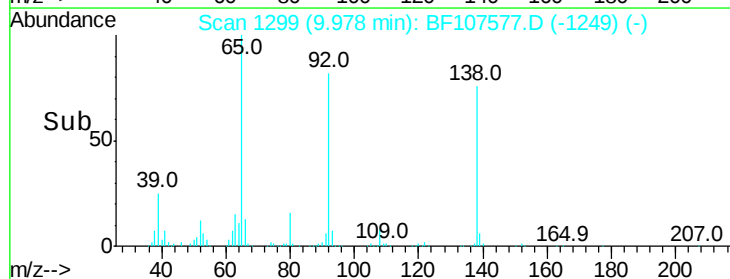
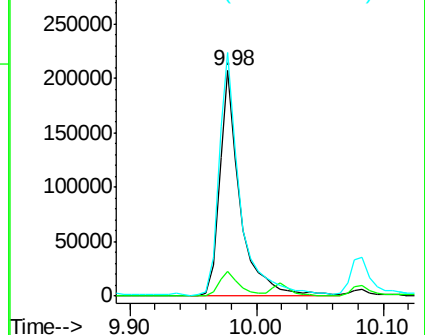
92 108.1 89.4 134.2

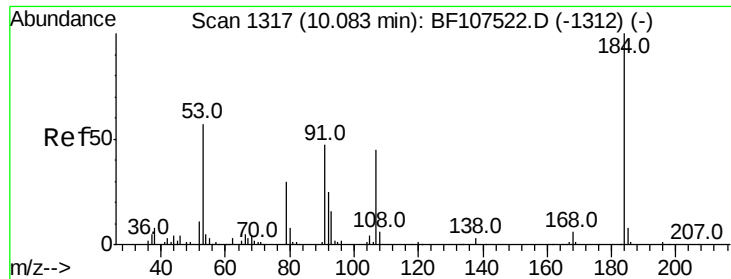


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





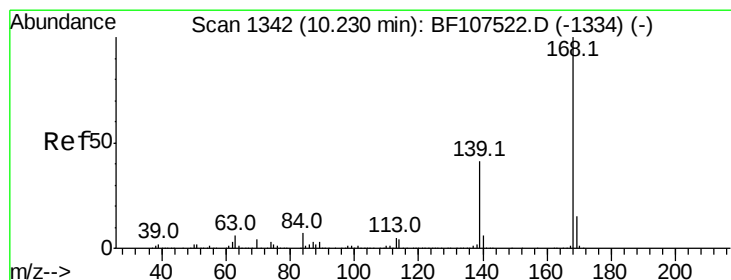
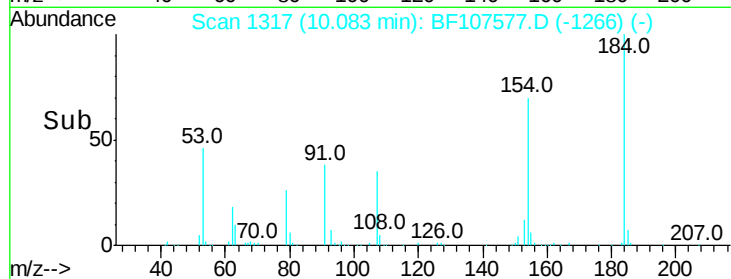
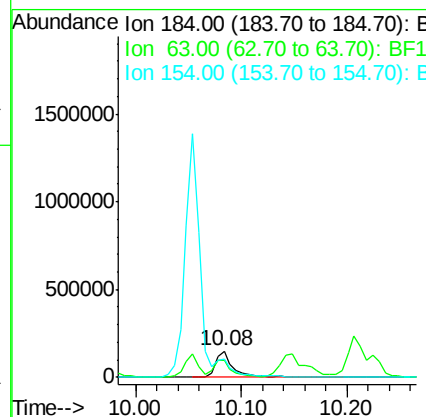
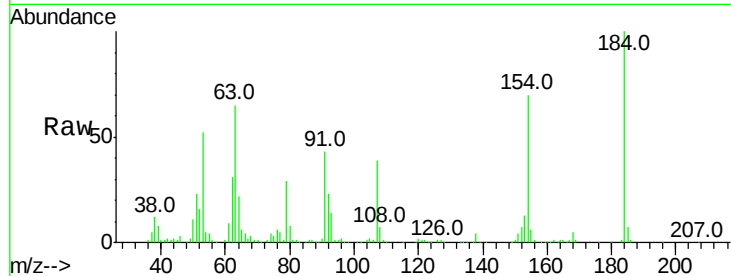
#53
2,4-Dinitrophenol
Concen: 58.073 ng
RT: 10.08 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	64.9	54.2	81.2
154	70.4	184.0	276.0#

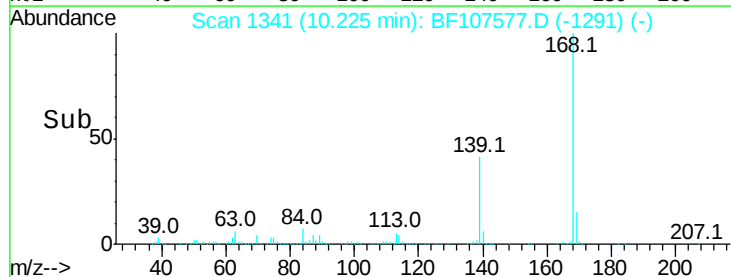
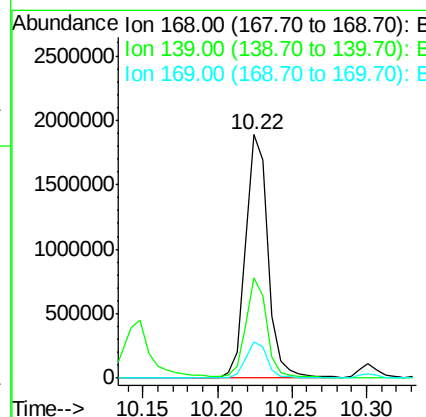
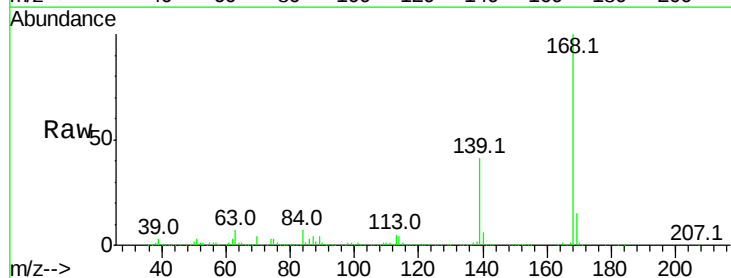
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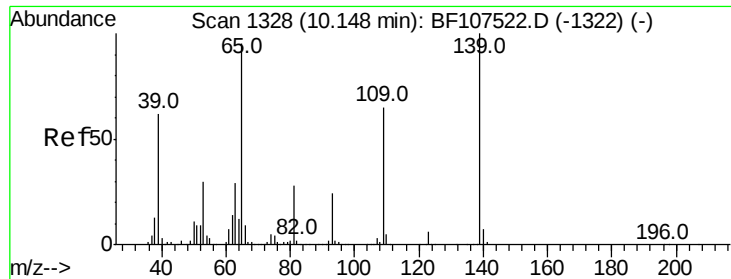
Sohil
7/23/2018 12:45:04 PM



#54
Dibenzofuran
Concen: 42.264 ng
RT: 10.22 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.3	30.1	45.1
169	14.7	10.9	16.3





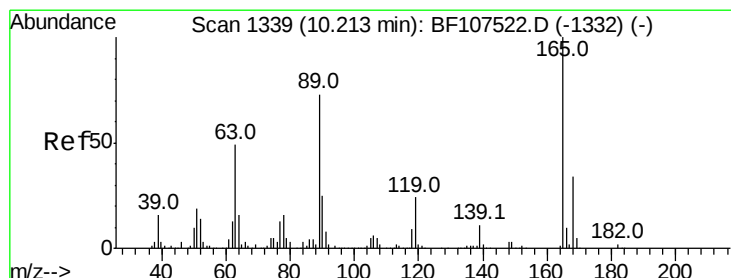
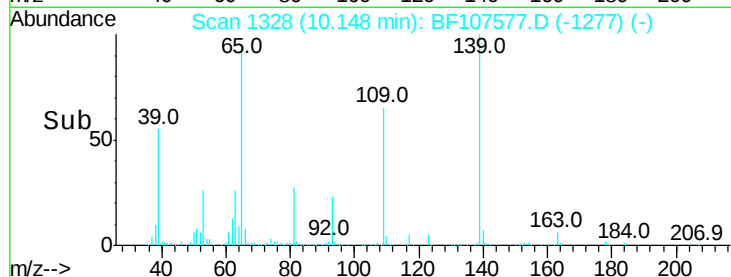
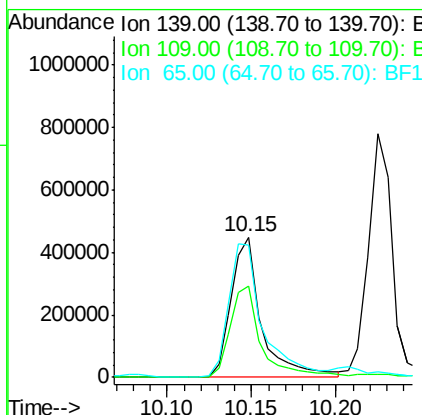
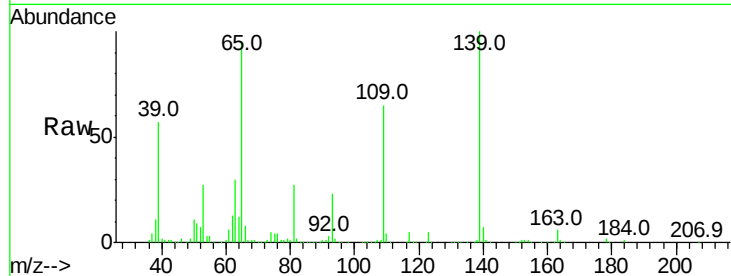
#55
4-Nitrophenol
Concen: 81.146 ng
RT: 10.15 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampled :
PB111309BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	561018		
109	64.8	48.4	88.4	
65	94.6	72.6	112.6	

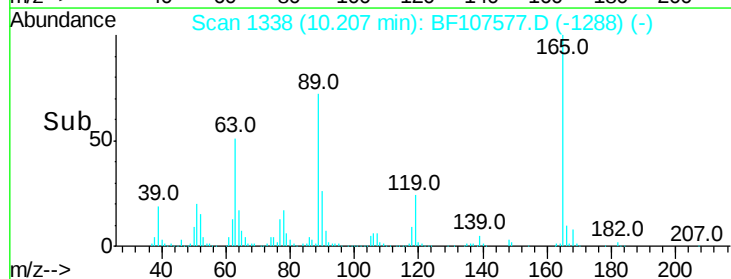
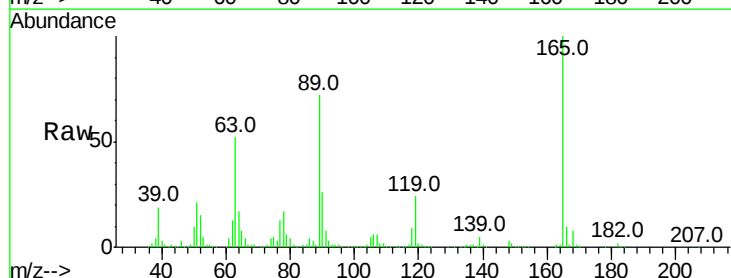
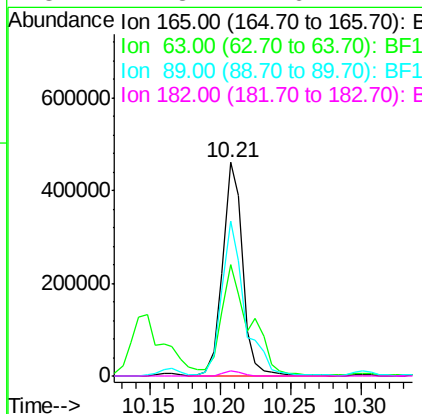
Manual Integrations
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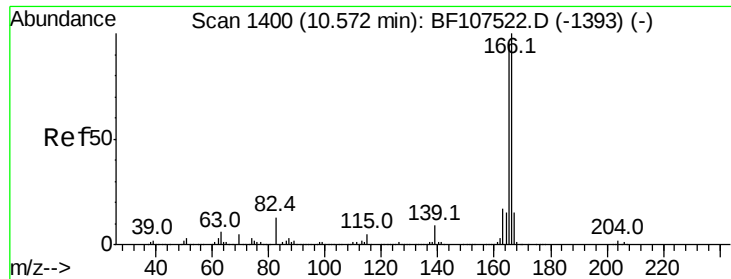
Sohil
7/23/2018 12:45:04 PM



#56
2,4-Dinitrotoluene
Concen: 49.314 ng
RT: 10.21 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	451840		
63	51.9	36.4	54.6	
89	72.2	57.8	86.6	
182	2.3	1.6	2.4	





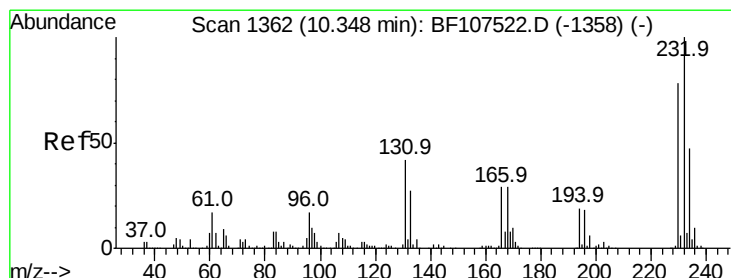
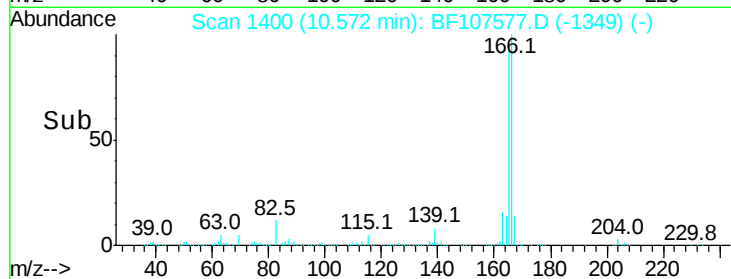
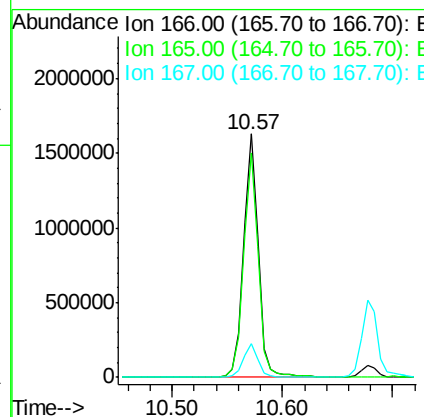
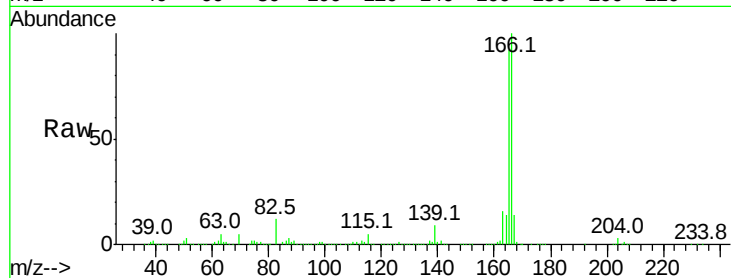
#57
 Fluorene
 Concen: 46.041 ng
 RT: 10.57 min Scan# 1400
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	92.3	79.8	119.8
167	14.0	10.6	16.0

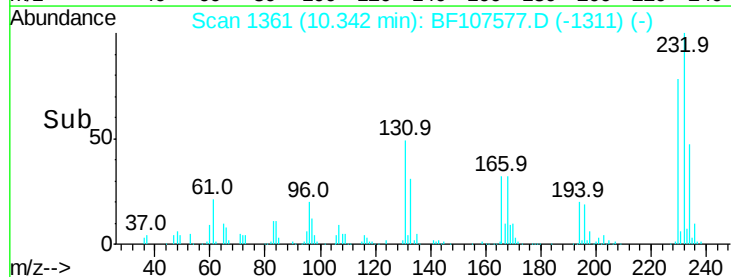
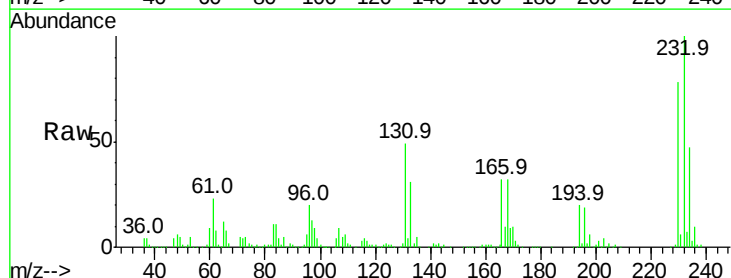
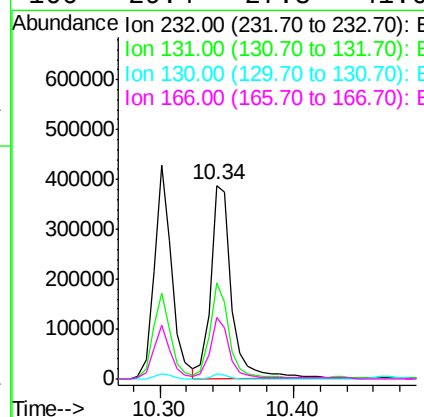
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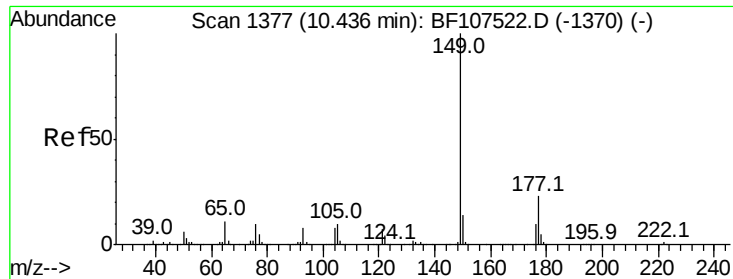
Sohil
 7/23/2018 12:45:04 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.556 ng
 RT: 10.34 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.4	43.8	65.8
130	2.2	2.1	3.1
166	29.4	27.8	41.6





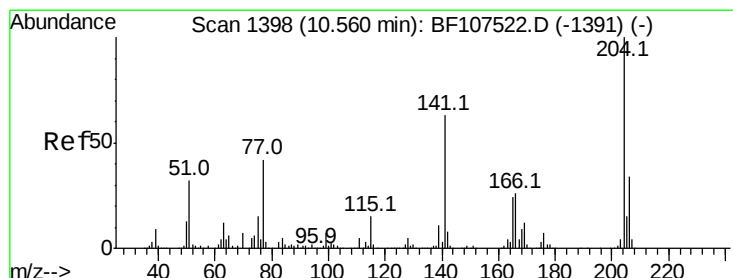
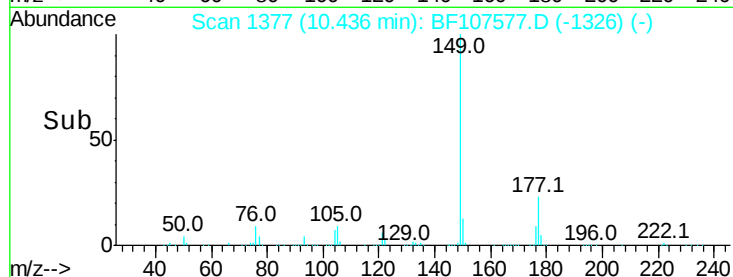
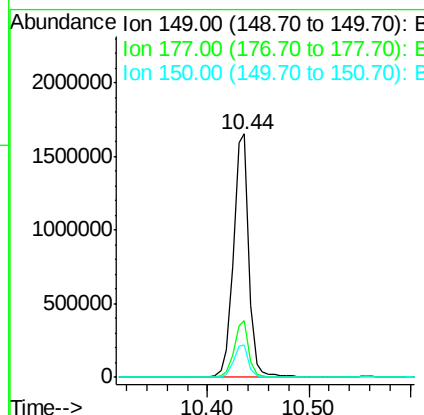
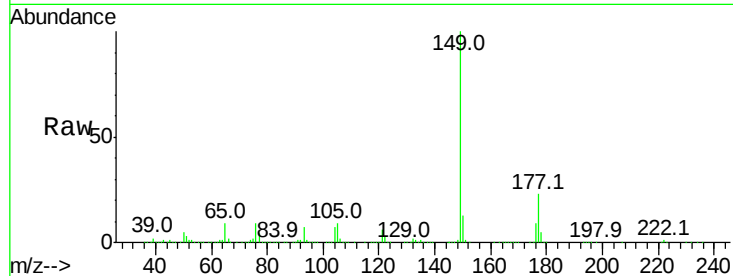
#59
Diethylphthalate
Concen: 43.936 ng
RT: 10.44 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	16.1	24.1
150	13.2	10.1	15.1

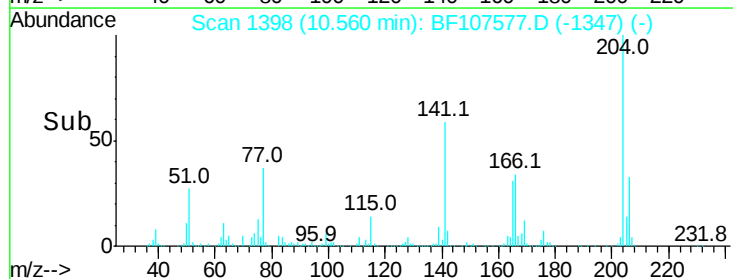
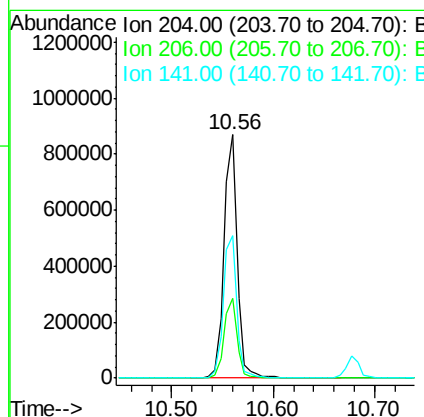
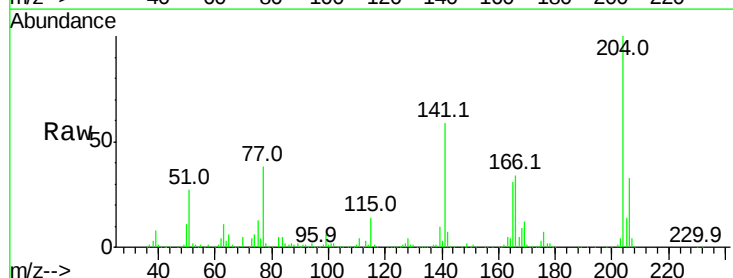
Manual Integrations
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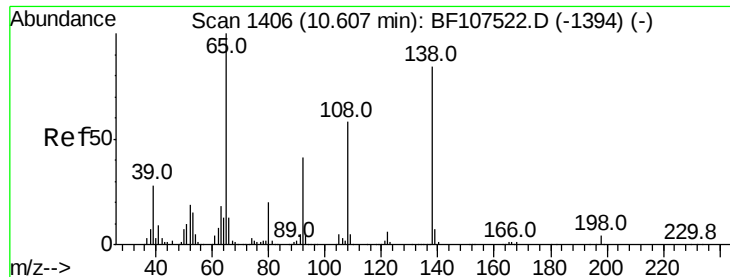
Sohil
7/23/2018 12:45:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.582 ng
RT: 10.56 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	58.7	54.6	81.8





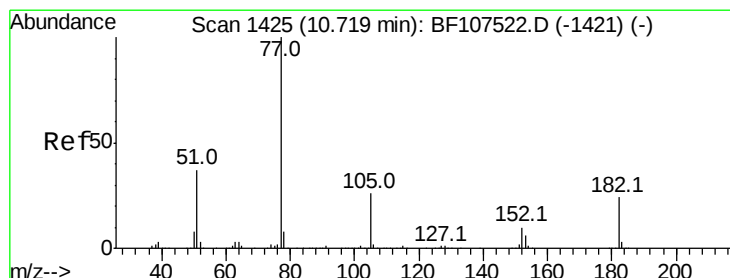
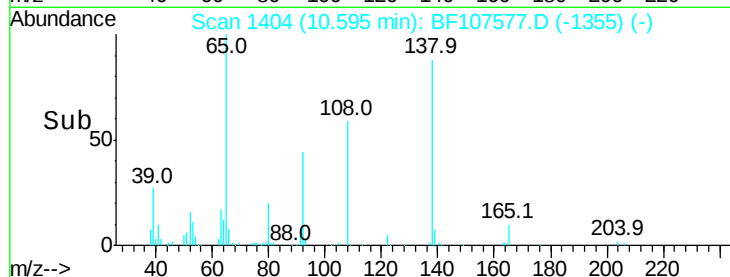
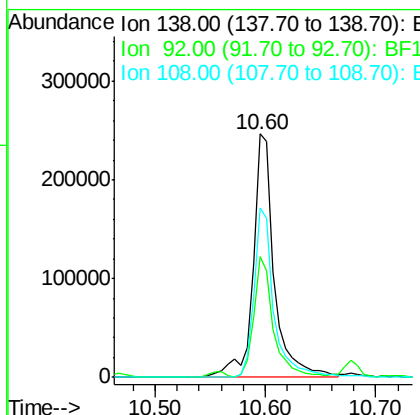
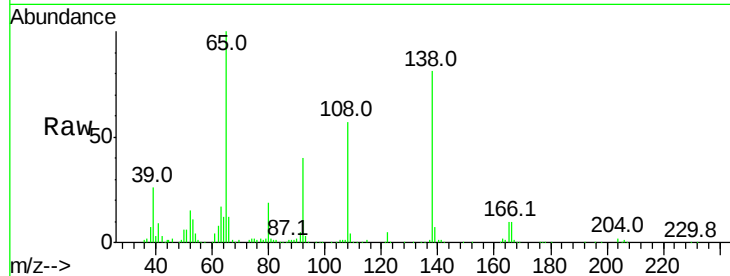
#61
4-Nitroaniline
Concen: 43.041 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	333925		
92	49.7	30.2	70.2	
108	69.6	52.5	92.5	

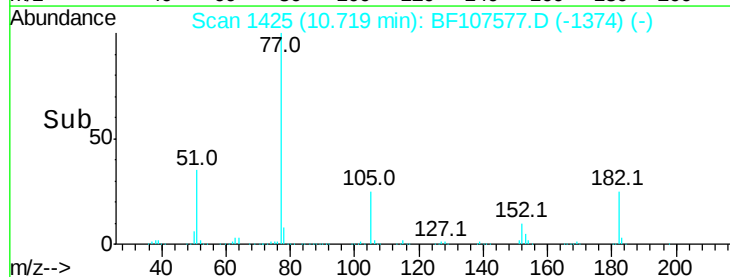
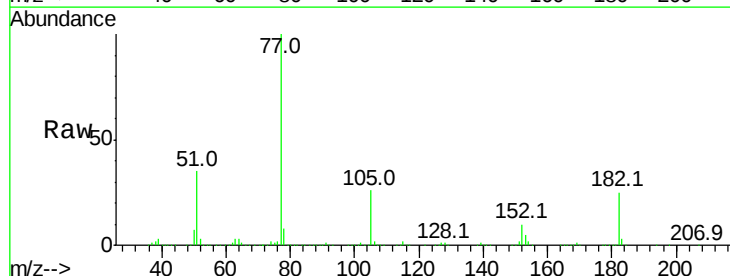
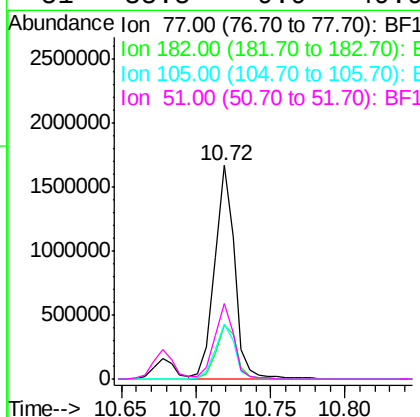
Manual Integrations
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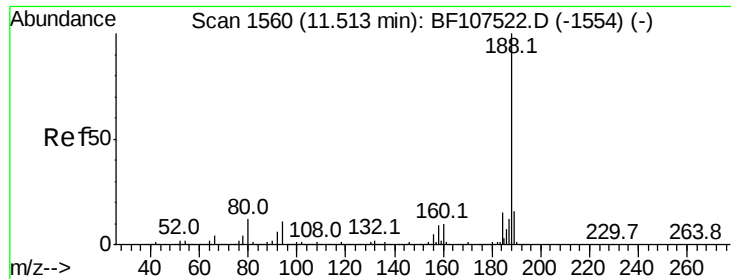
Sohil
7/23/2018 12:45:04 PM



#62
Azobenzene
Concen: 41.425 ng
RT: 10.72 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1550992		
182	25.2	1.7	41.7	
105	25.6	3.0	43.0	
51	35.5	9.9	49.9	





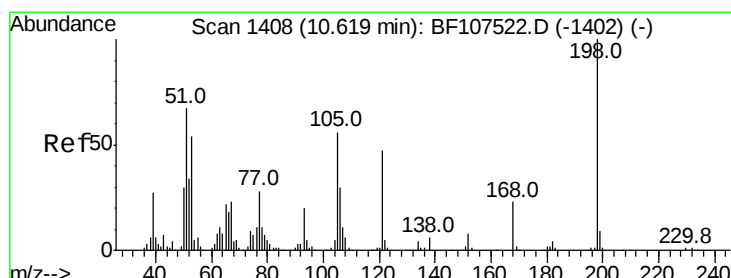
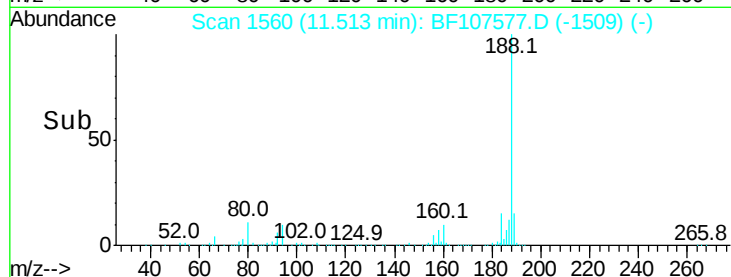
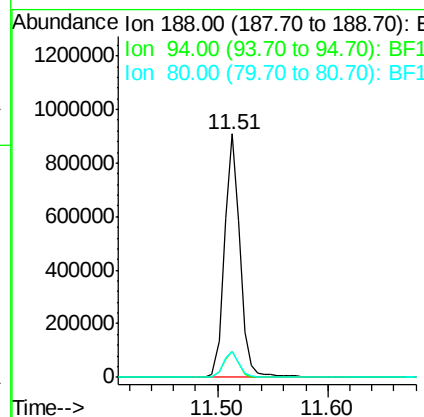
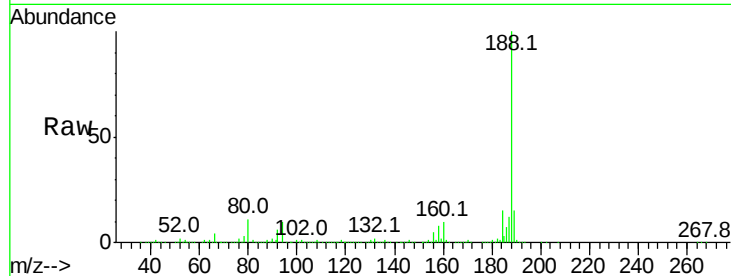
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	889789		
94	10.4		8.5	12.7
80	10.9		9.2	13.8

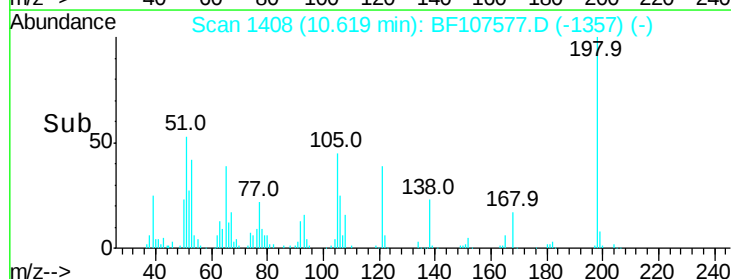
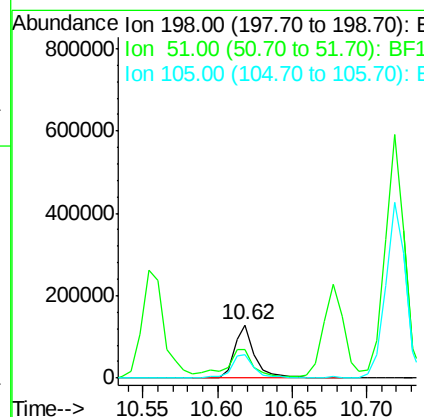
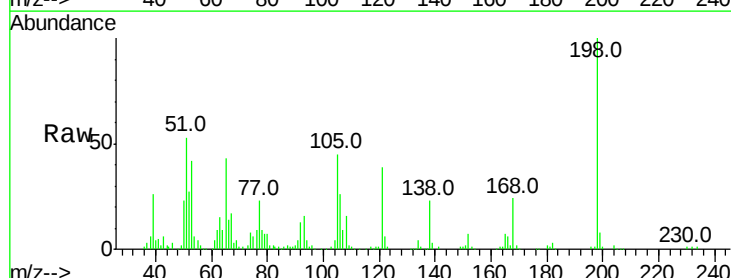
Manual Integrations
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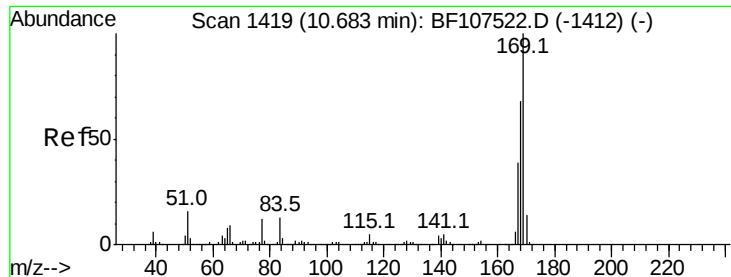
Sohil
 7/23/2018 12:45:04 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 32.583 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	125343		
51	52.7		37.7	77.7
105	44.7		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 45.507 ng

RT: 10.68 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

ClientSampleId :

PB111309BS

Tot Ion:169 Resp: 1375203

Ion Ratio Lower Upper

169 100

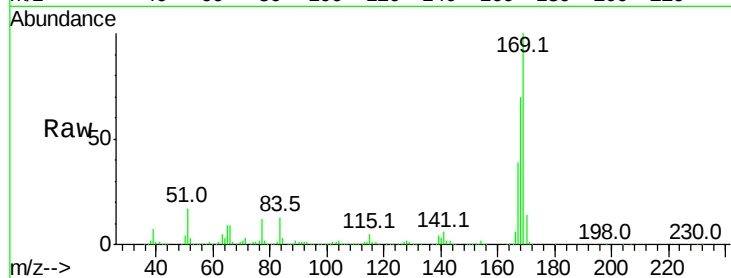
168 70.1 54.4 81.6

167 38.7 29.8 44.6

Manual Integrations
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Sohil

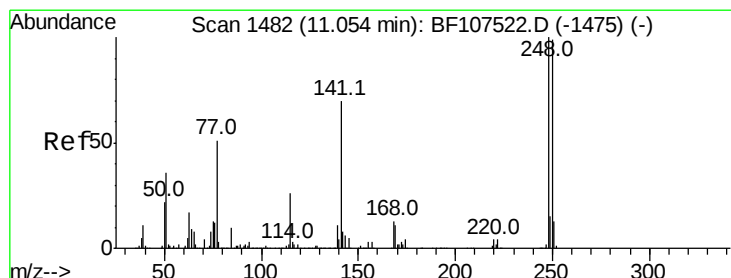
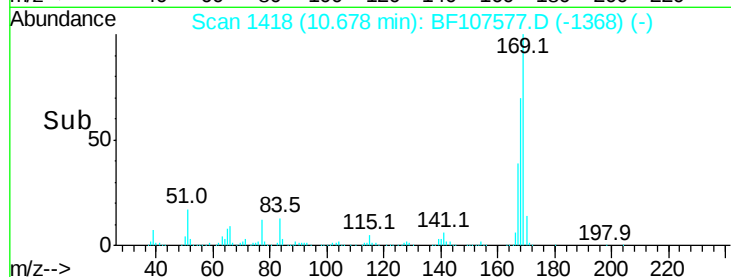
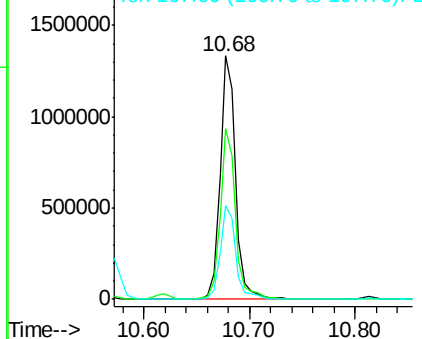
7/23/2018 12:45:04 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.986 ng

RT: 11.05 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

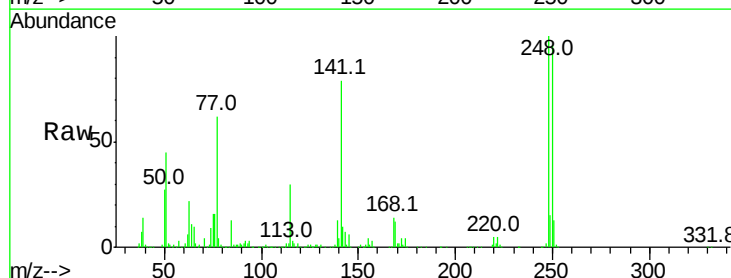
Tgt Ion:248 Resp: 471202

Ion Ratio Lower Upper

248 100

250 96.1 76.9 115.3

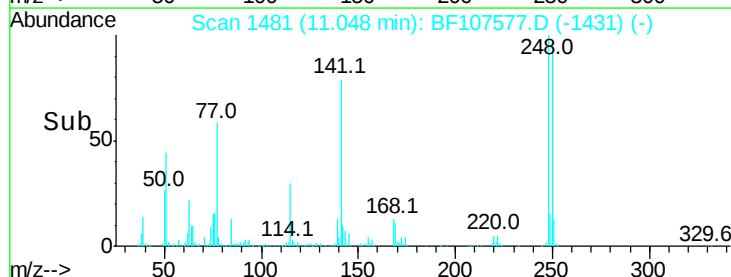
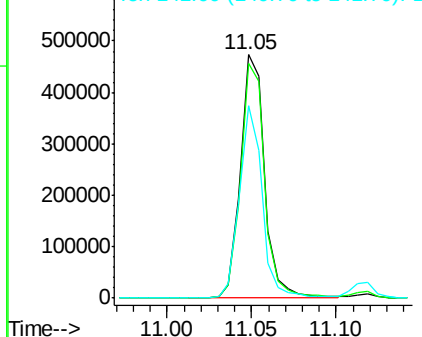
141 78.8 74.4 111.6

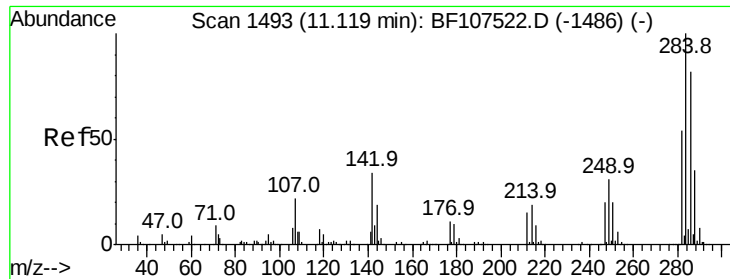


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





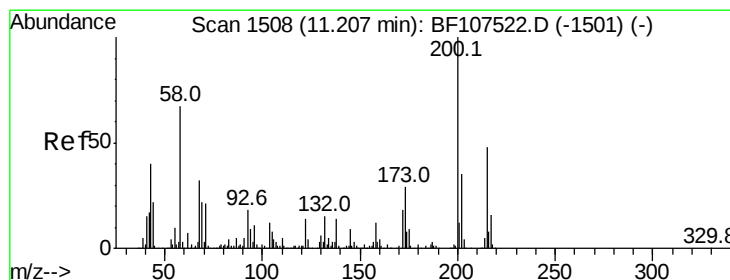
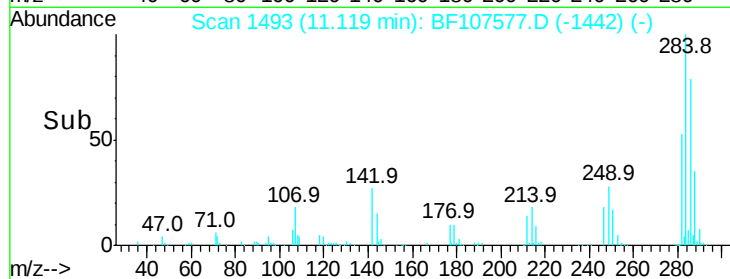
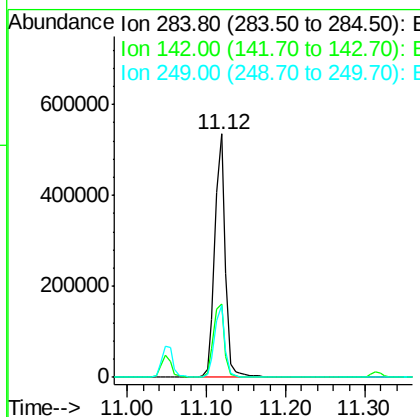
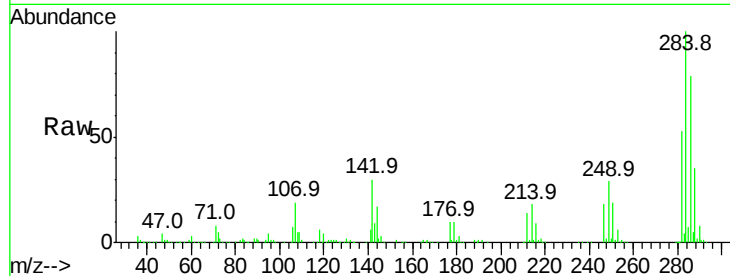
#67
Hexachlorobenzene
Concen: 42.861 ng
RT: 11.12 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.1	34.6	52.0	
249	29.5	24.8	37.2	

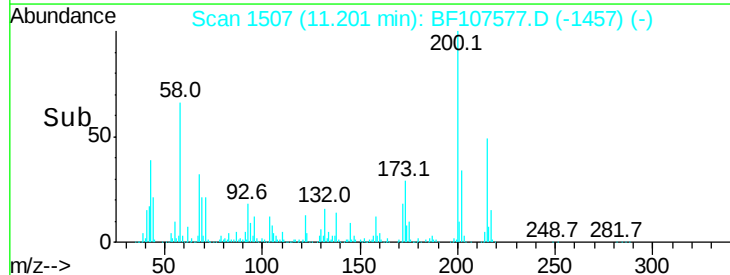
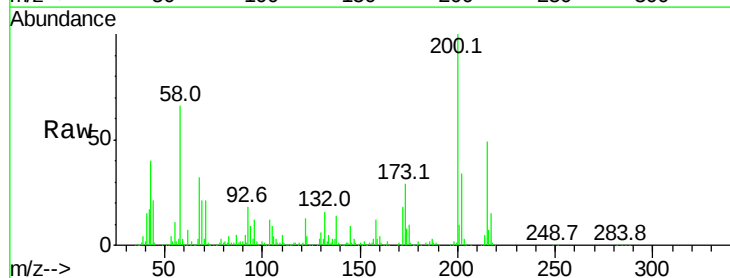
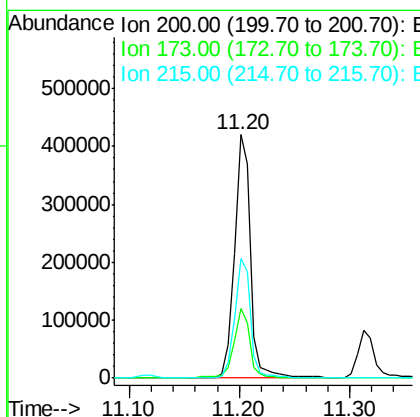
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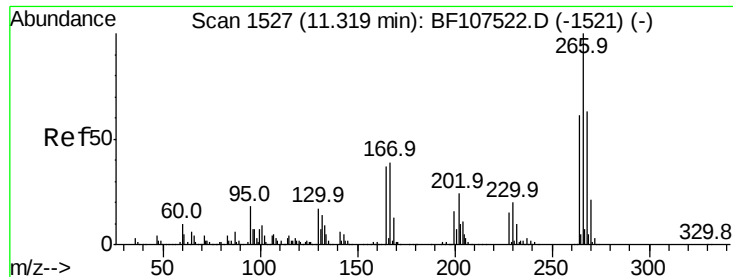
Sohil
7/23/2018 12:45:04 PM



#68
Atrazine
Concen: 46.444 ng
RT: 11.20 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	28.5	8.6	48.6	
215	48.8	25.1	65.1	





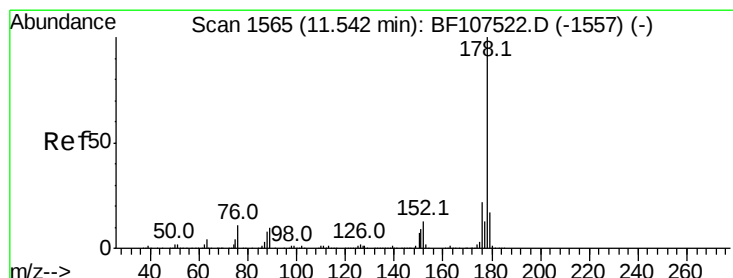
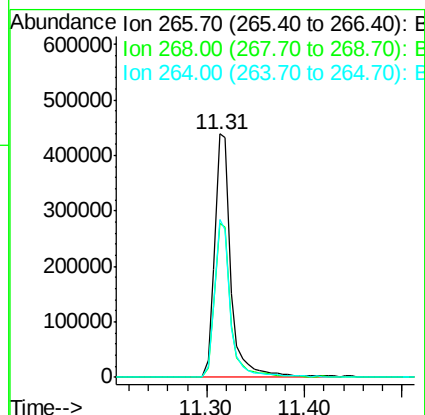
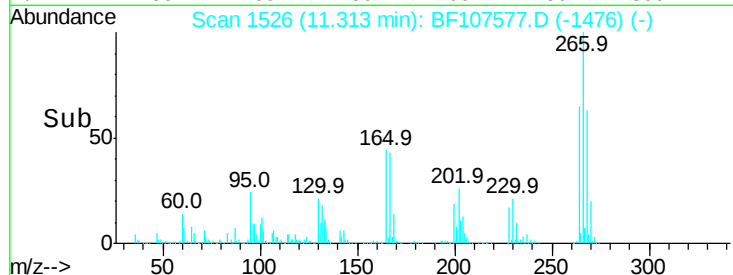
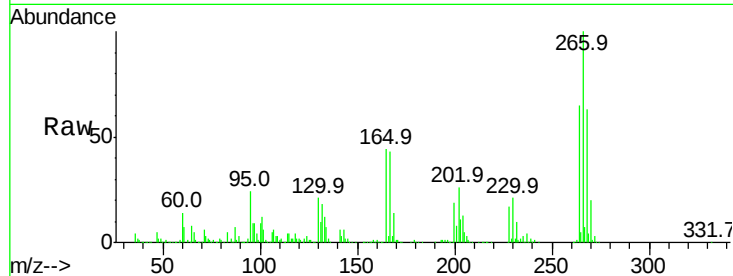
#69
 Pentachlorophenol
 Concen: 70.824 ng
 RT: 11.31 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	509841		
268	63.3		51.1	76.7
264	65.0		49.5	74.3

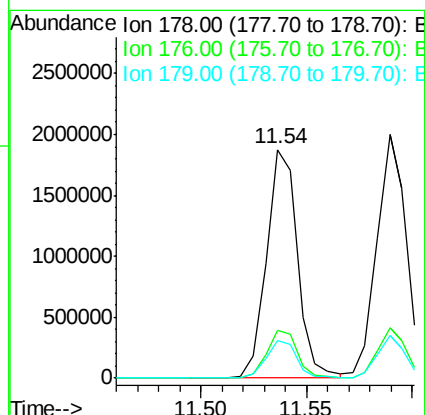
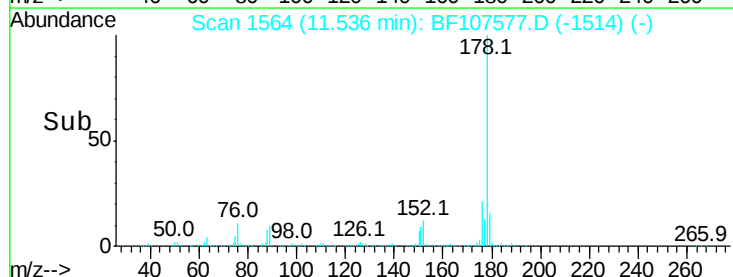
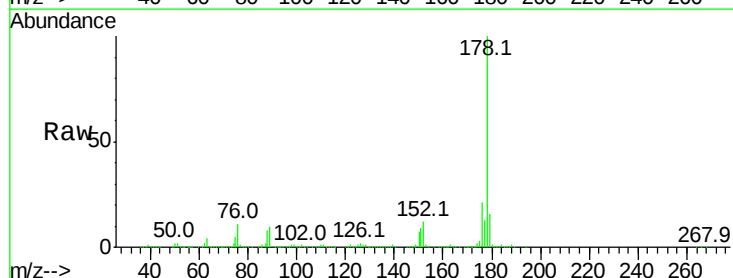
Manual Integrations
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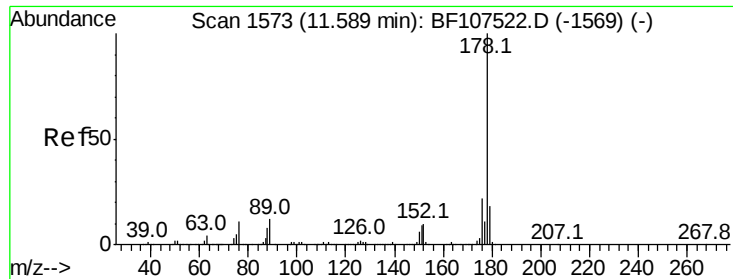
Sohil
 7/23/2018 12:45:04 PM



#70
 Phenanthrene
 Concen: 44.240 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1918246		
176	20.9		15.8	23.8
179	16.5		13.0	19.6





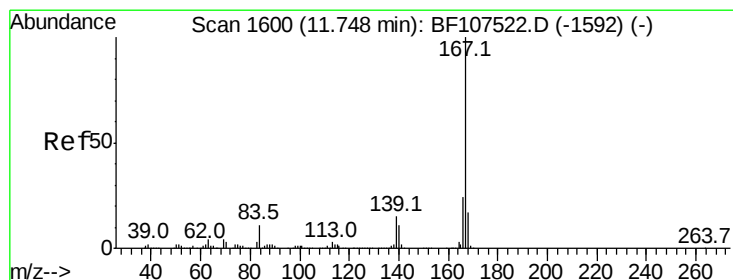
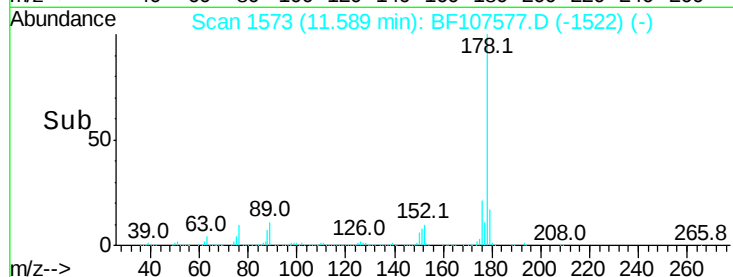
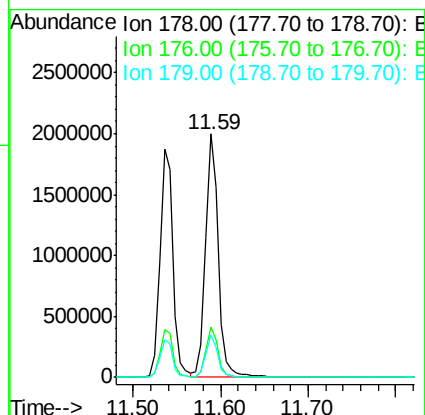
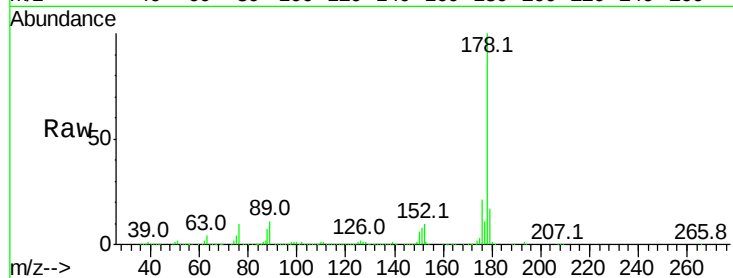
#71
 Anthracene
 Concen: 46.899 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.2
179	17.3	12.6	19.0

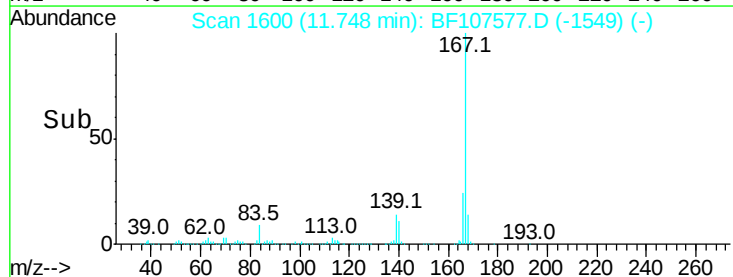
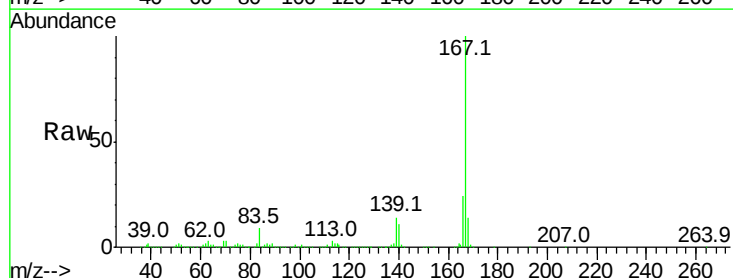
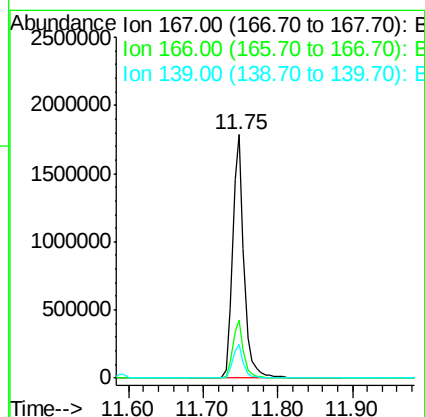
Manual Integrations
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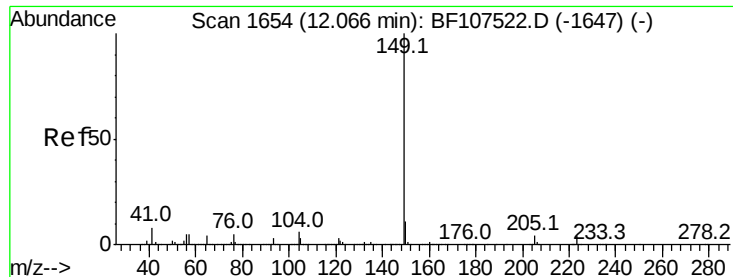
Sohil
 7/23/2018 12:45:04 PM



#72
 Carbazole
 Concen: 42.173 ng
 RT: 11.75 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.8	17.6	26.4
139	13.7	10.9	16.3





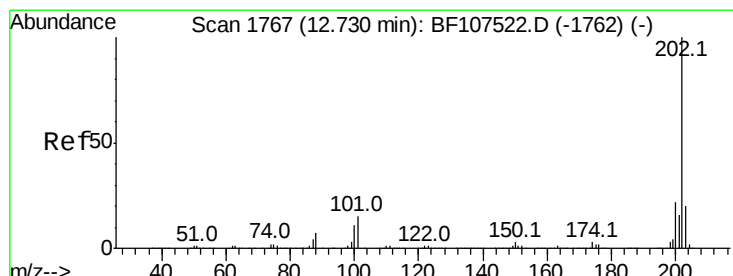
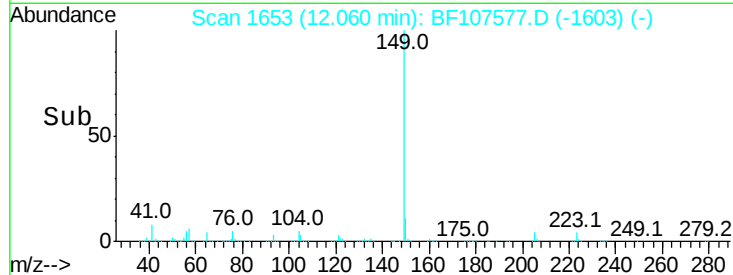
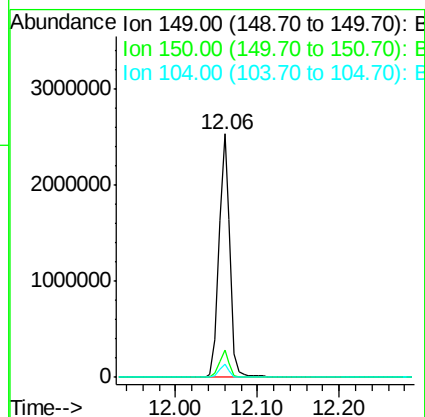
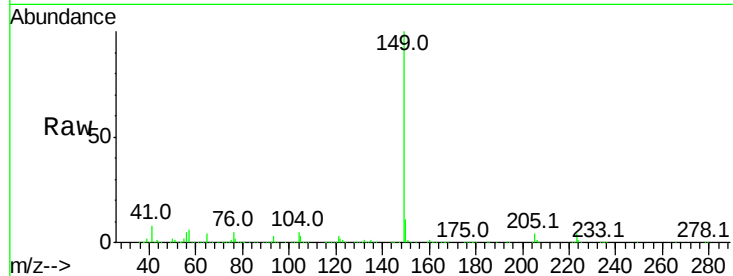
#73
Di-n-butylphthalate
Concen: 53.303 ng
RT: 12.06 min Scan# 1653
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion:149 Resp: 2356896
Ion Ratio Lower Upper
149 100
150 11.2 7.8 11.6
104 5.4 3.8 5.8

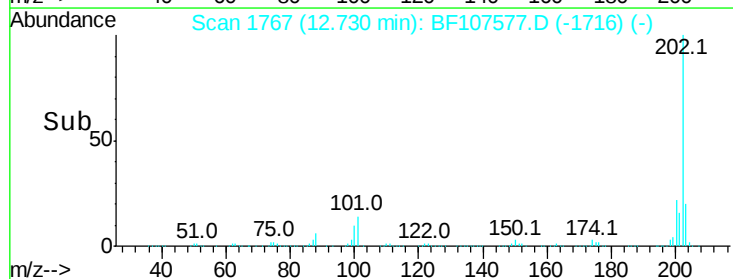
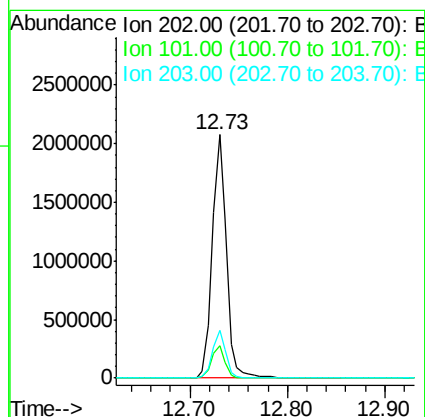
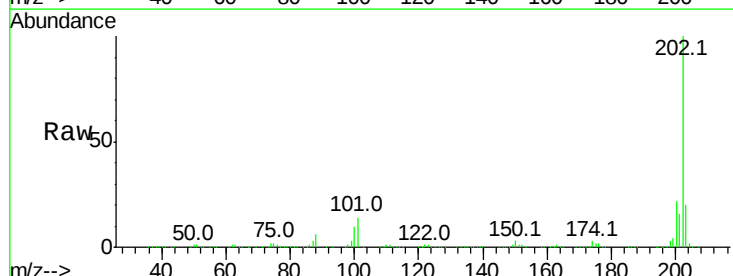
Manual Integrations
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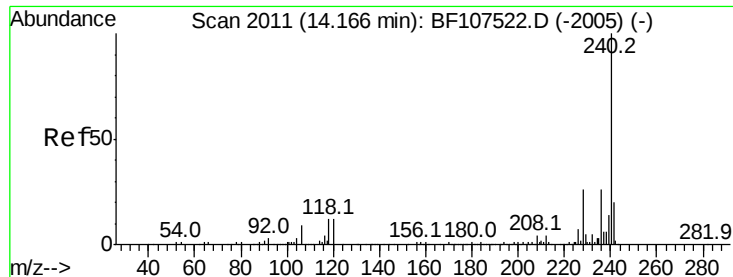
Sohil
7/23/2018 12:45:04 PM



#74
Fluoranthene
Concen: 44.723 ng
RT: 12.73 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:202 Resp: 2080902
Ion Ratio Lower Upper
202 100
101 13.5 0.0 34.1
203 19.5 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: BF107577.D

Acq: 21 Jul 2018 15:34

Instrument :

BNA_F

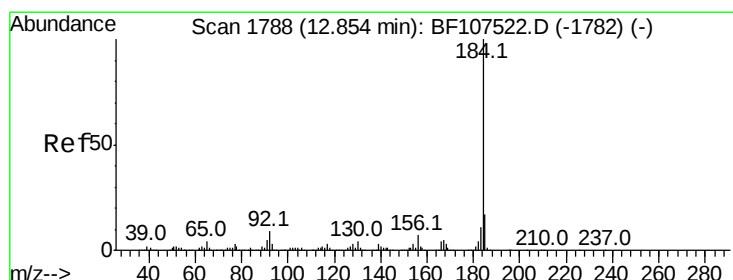
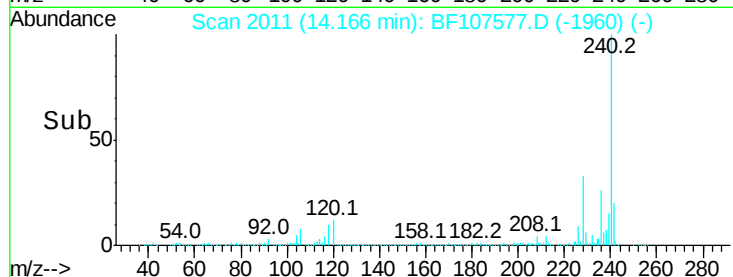
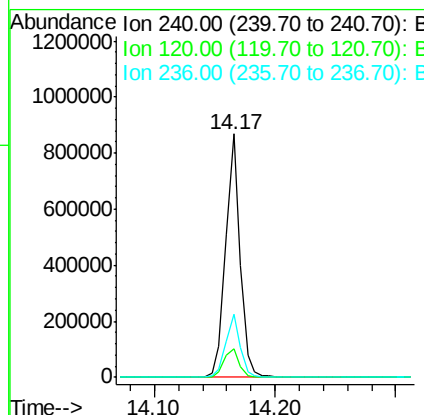
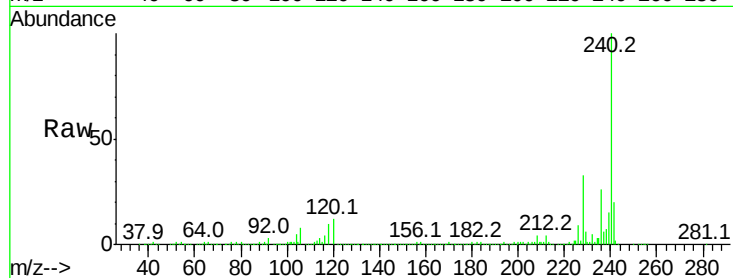
ClientSampleId :

PB111309BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	715116		
120	11.6	9.5	14.3	
236	26.1	20.7	31.1	

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#76

Benzidine

Concen: 49.500 ng

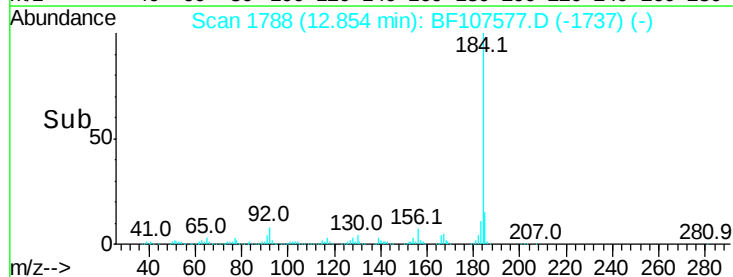
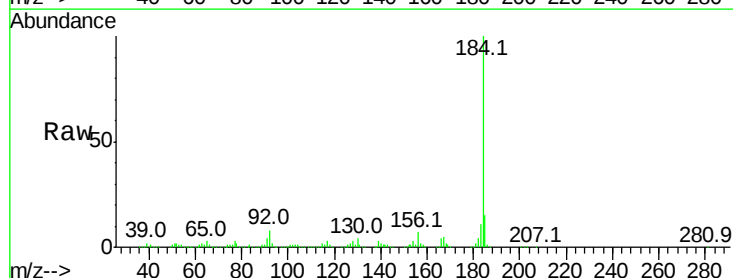
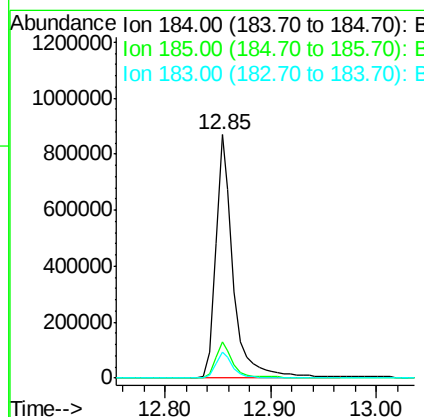
RT: 12.85 min Scan# 1788

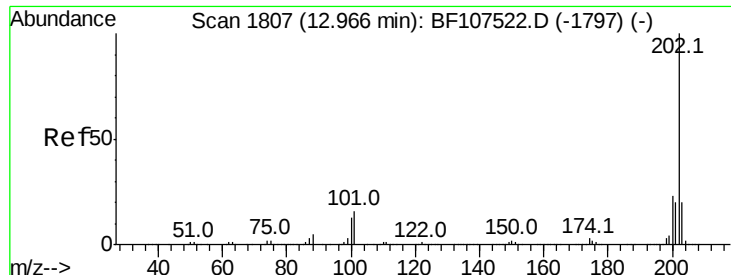
Delta R.T. 0.00 min

Lab File: BF107577.D

Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	1019412		
185	14.7	12.6	18.8	
183	10.9	9.3	13.9	





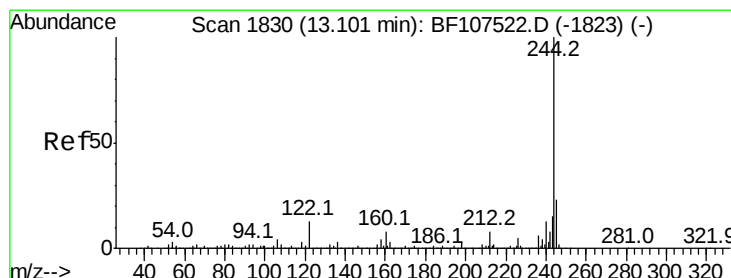
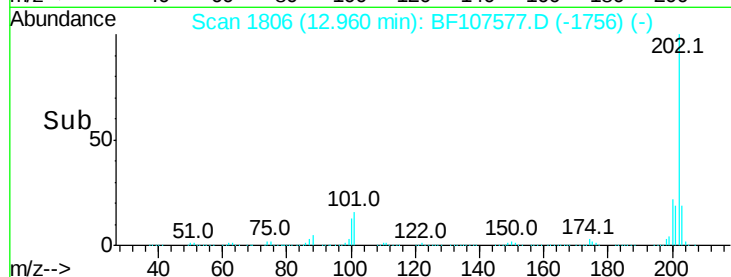
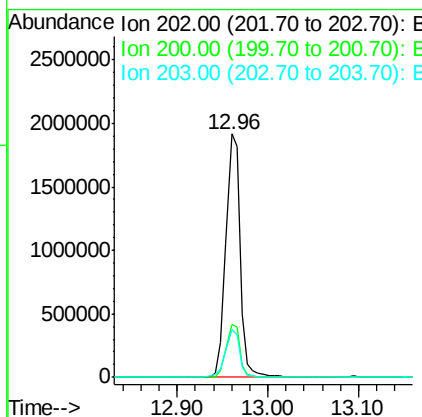
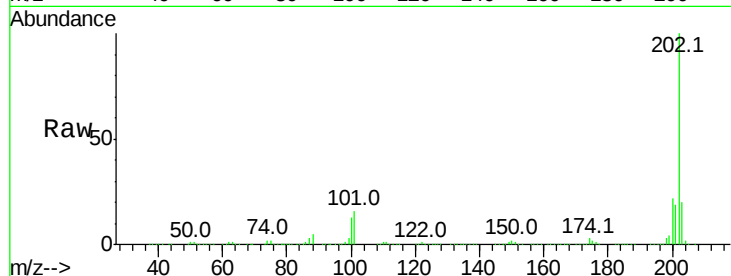
#77
Pvrene
Concen: 42.444 ng
RT: 12.96 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion:202 Resp: 2076148
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 19.5 14.3 21.5

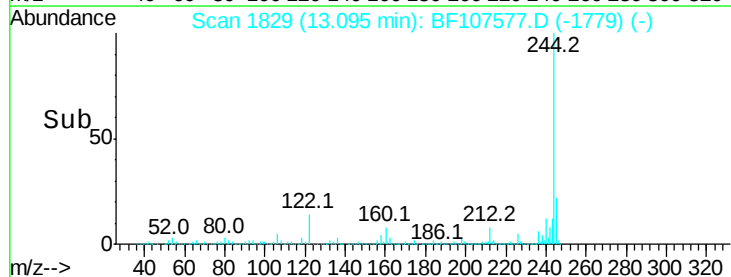
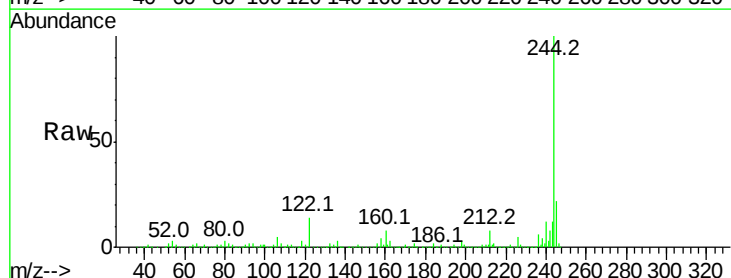
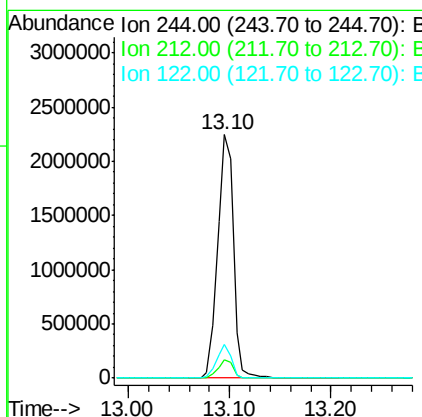
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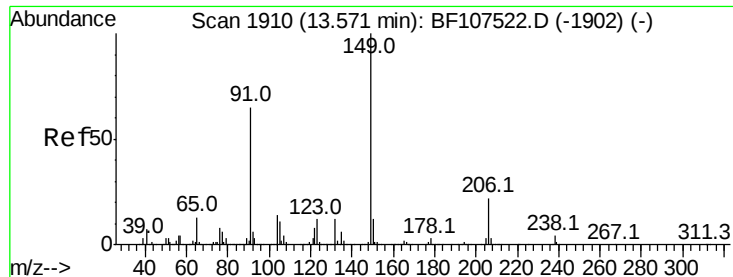
Sohil
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#78
Terphenyl-d14
Concen: 86.801 ng
RT: 13.10 min Scan# 1829
Delta R.T. -0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:244 Resp: 2424627
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.0
122 14.0 11.0 16.4





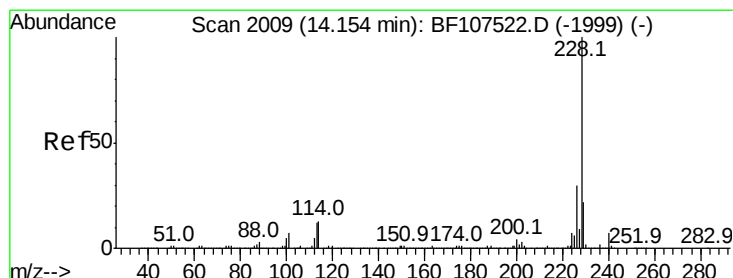
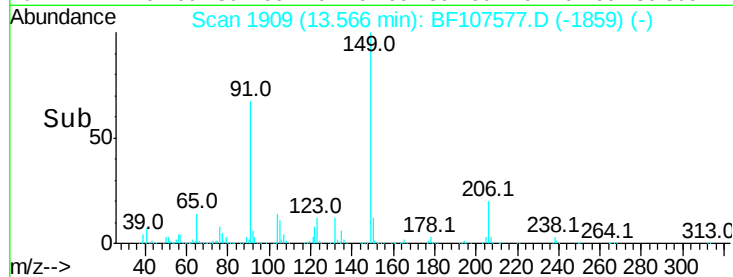
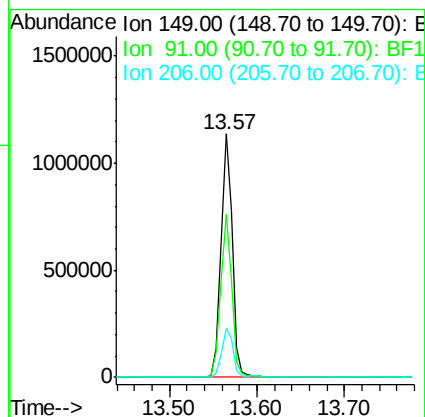
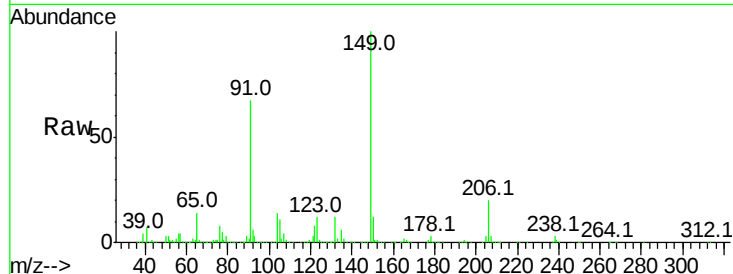
#79
Butylbenzylphthalate
Concen: 49.131 ng
RT: 13.57 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.0	56.8	85.2
206	20.3	14.1	21.1

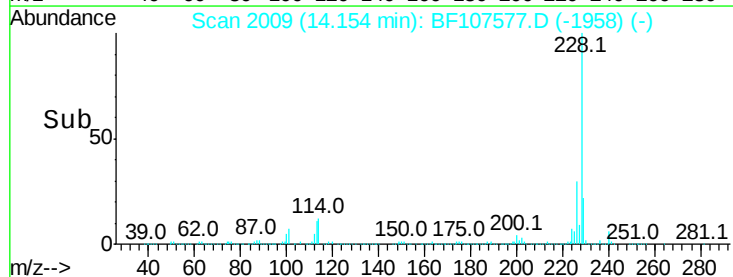
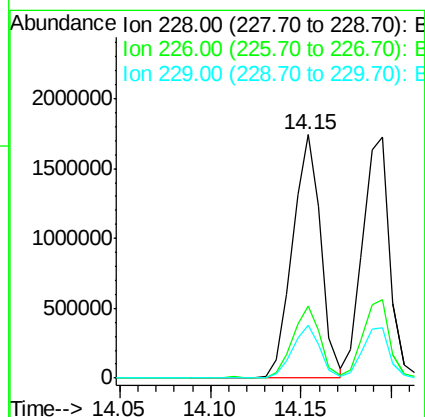
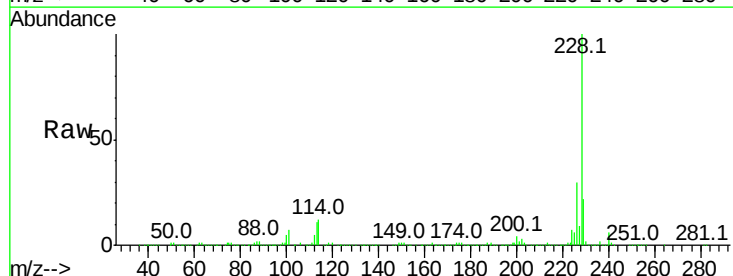
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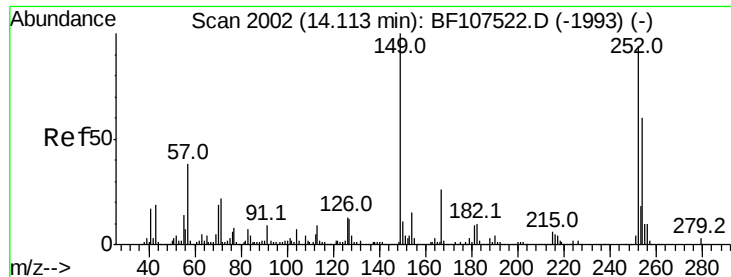
Sohil
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#80
Benzo(a)anthracene
Concen: 45.349 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.6	33.8
229	21.6	15.8	23.6





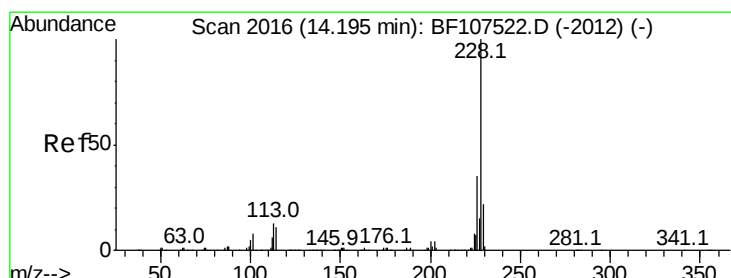
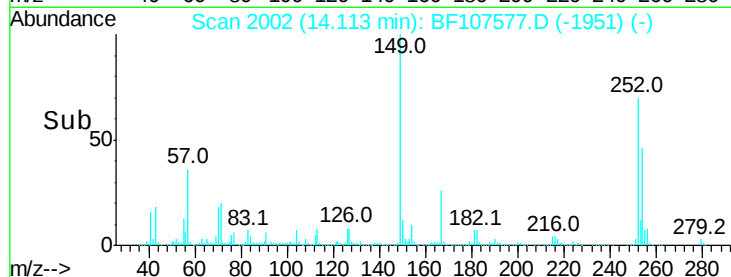
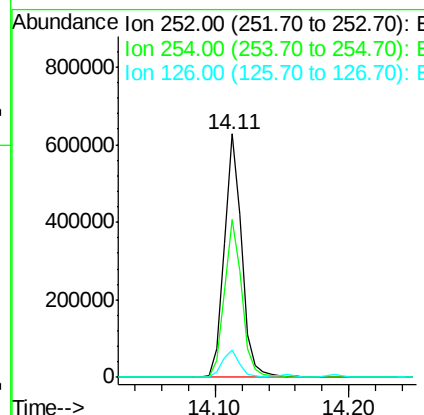
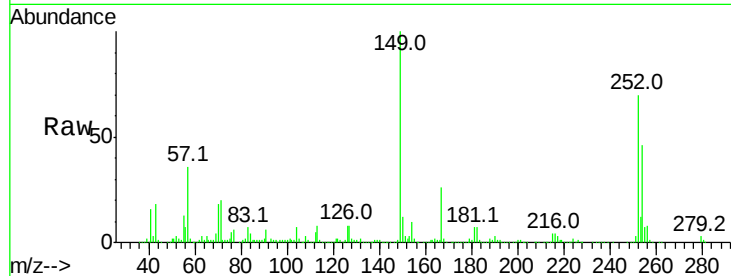
#81
3,3'-Dichlorobenzidine
Concen: 47.783 ng
RT: 14.11 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.4	75.6
126	11.2	11.3	16.9

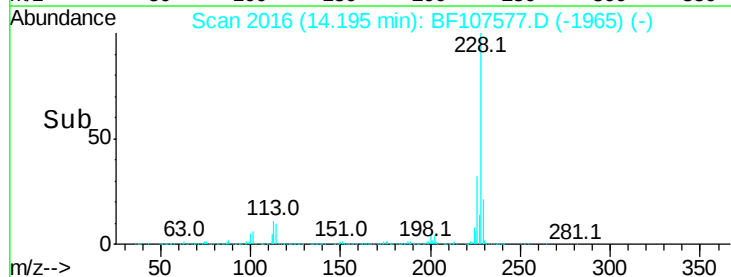
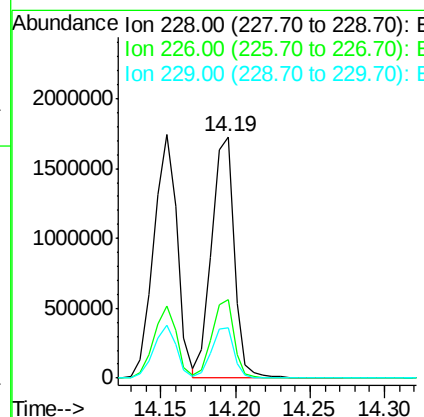
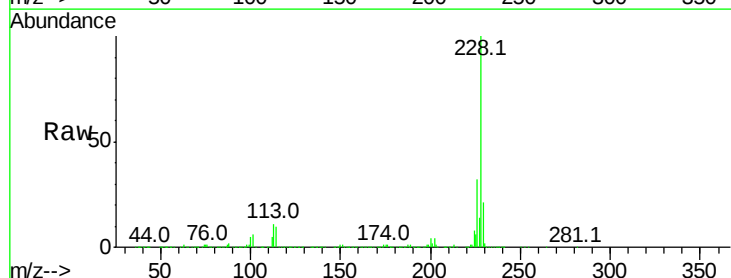
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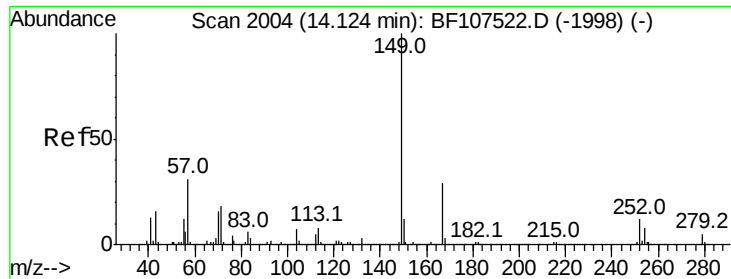
Sohil
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#82
Chrysene
Concen: 45.165 ng
RT: 14.19 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.0	37.6
229	20.8	16.2	24.4





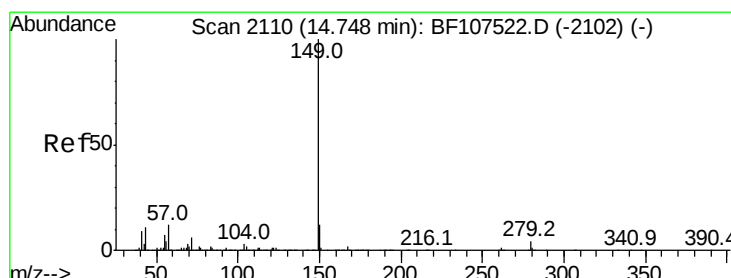
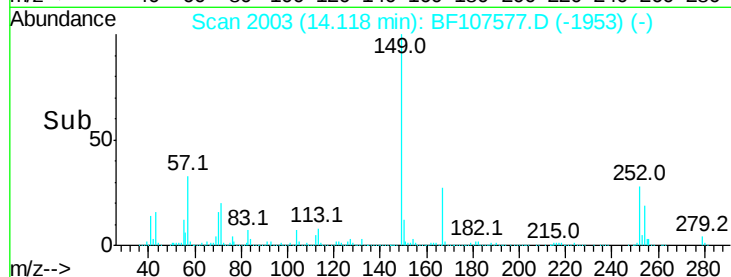
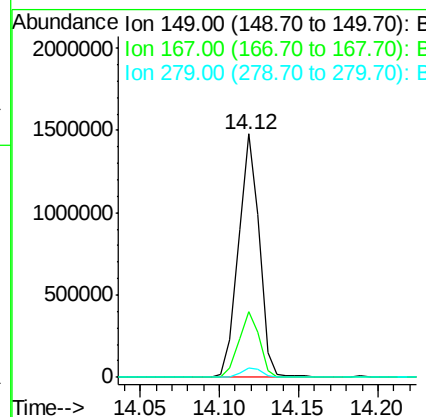
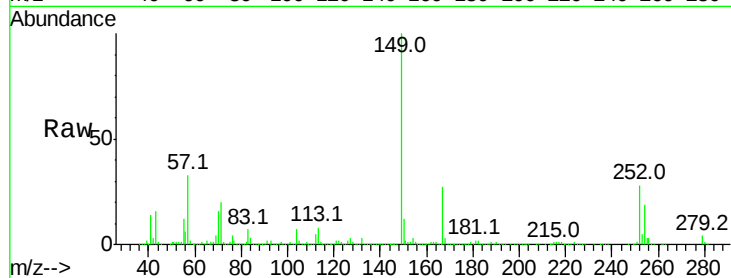
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.470 ng
 RT: 14.12 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.9	3.0	4.4

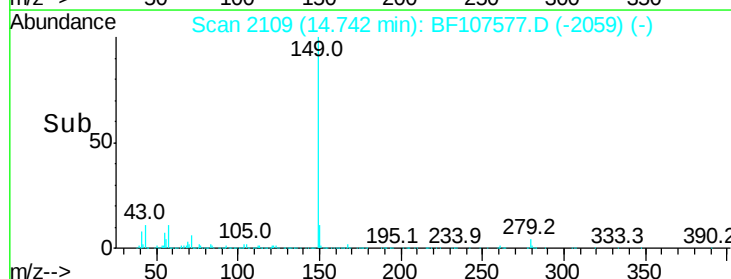
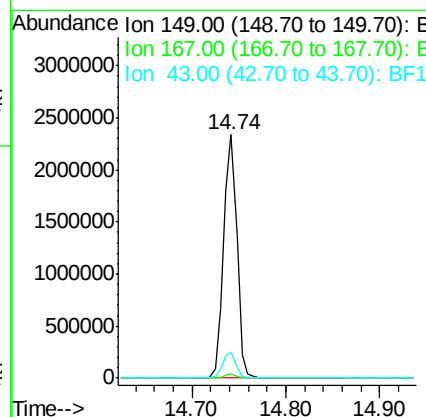
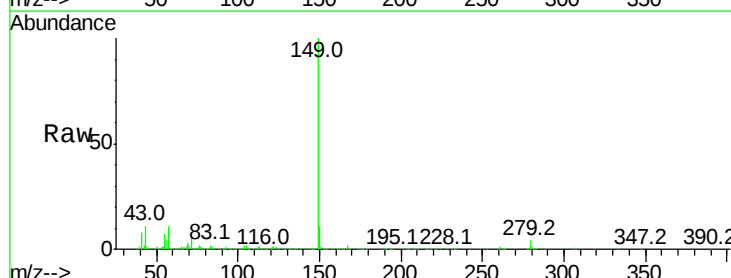
Manual Integrations
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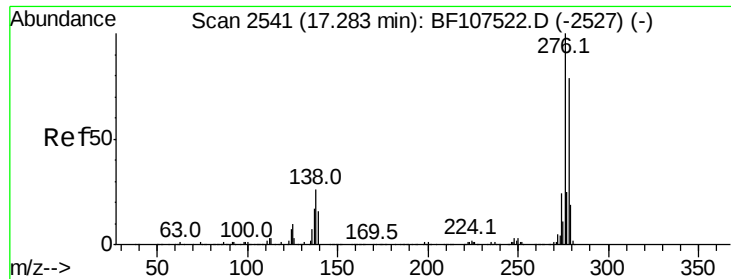
Sohil
 7/23/2018 12:45:04 PM



#84
 Di-n-octyl phthalate
 Concen: 50.412 ng
 RT: 14.74 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.6	8.4	12.6





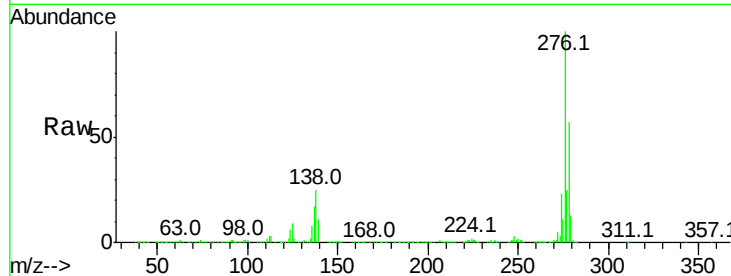
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.376 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

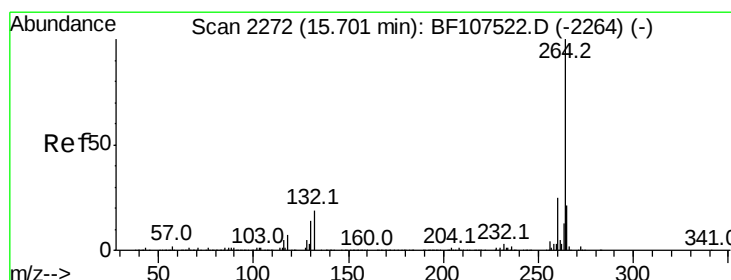
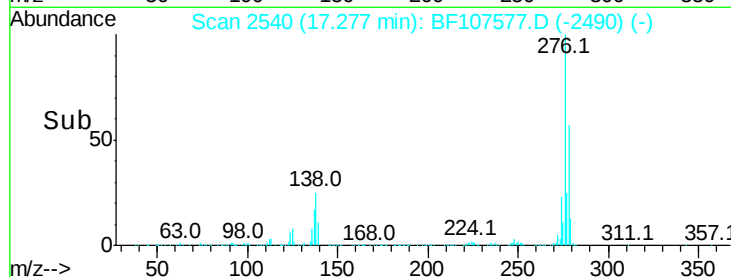
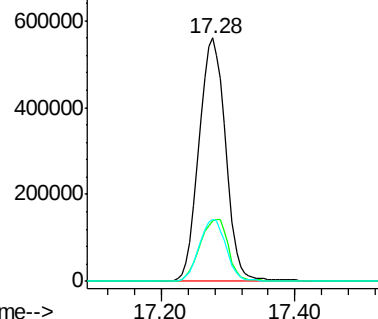
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.0	37.6
277	25.6	20.1	30.1

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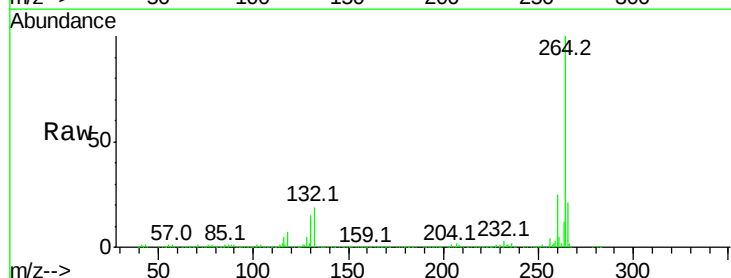


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

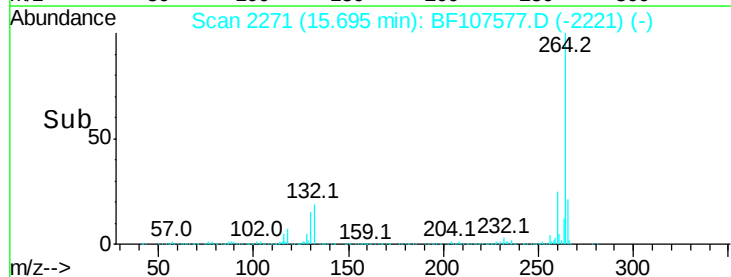
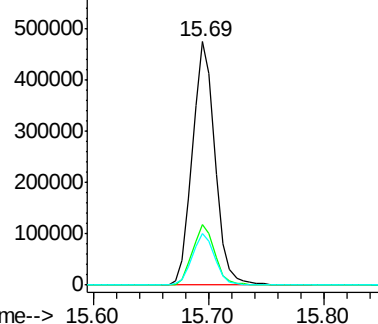


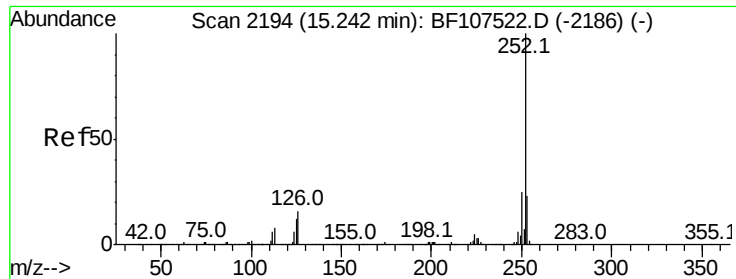
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.4	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





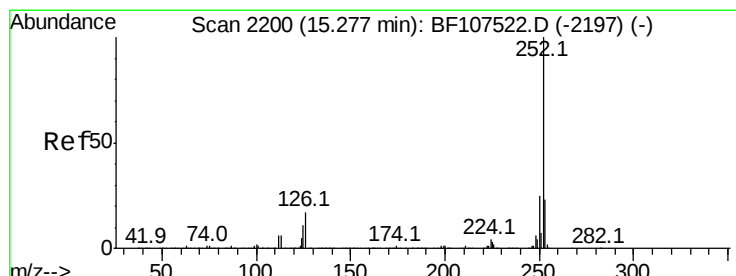
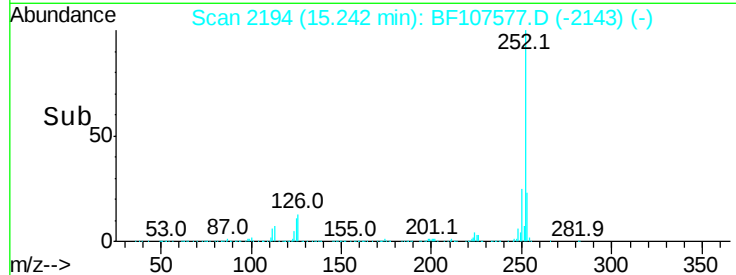
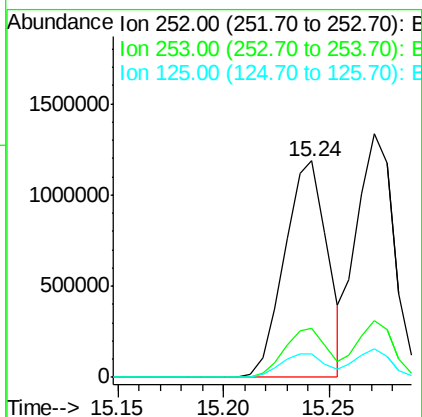
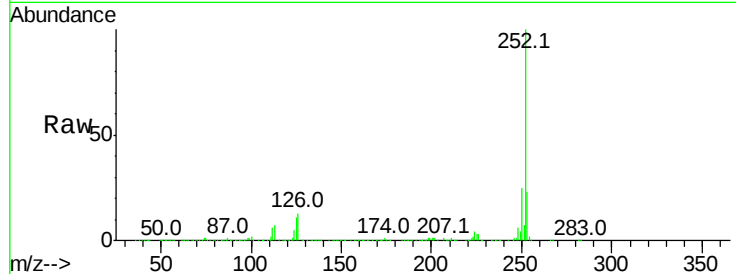
#87
Benzo(b)fluoranthene
Concen: 47.450 ng
RT: 15.24 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampleId :
PB111309BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	10.8	9.0	13.6

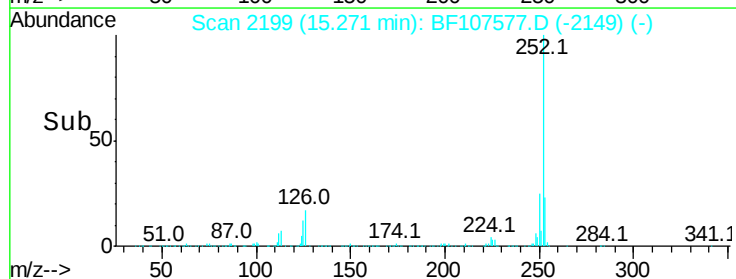
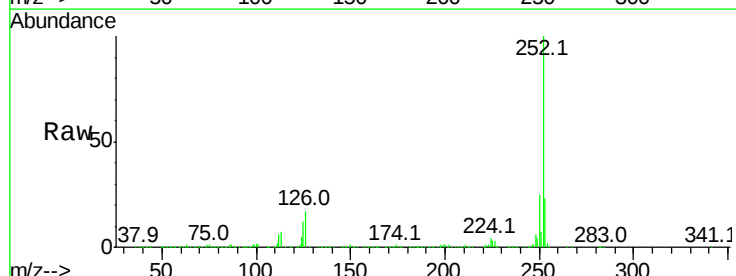
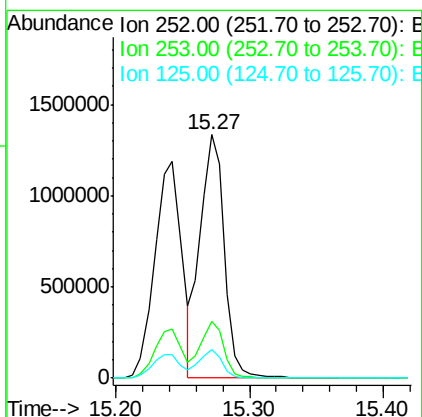
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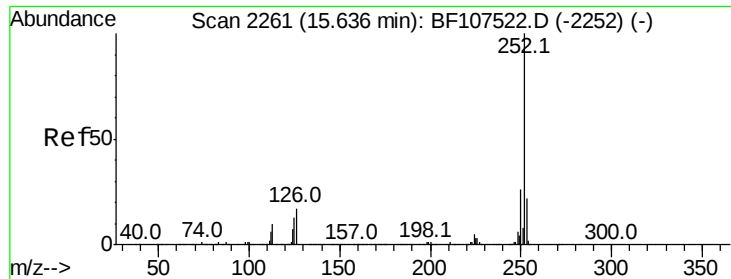
Sohil
7/23/2018 12:45:04 PM



#88
Benzo(k)fluoranthene
Concen: 48.171 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	11.9	10.2	15.2





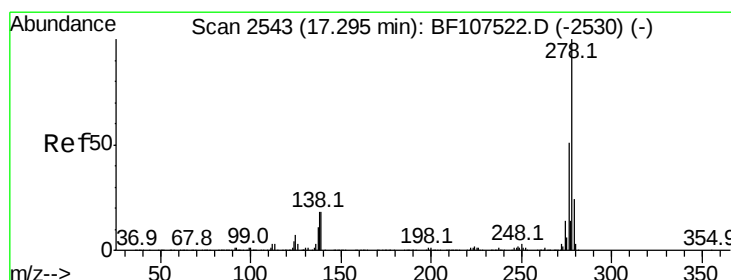
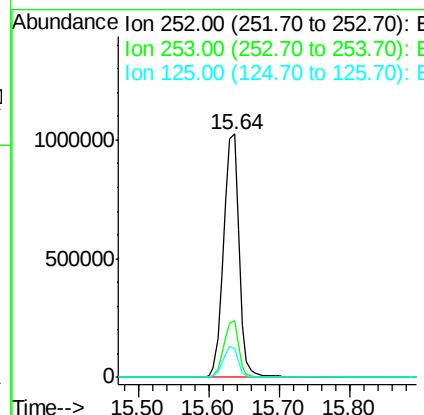
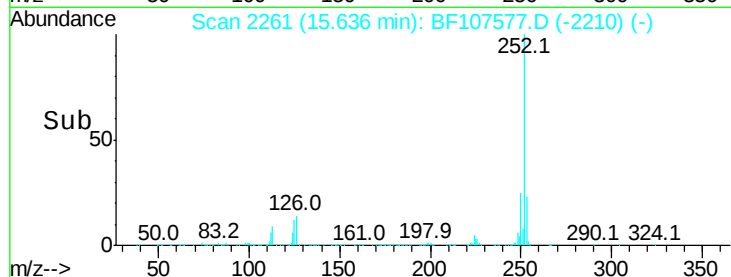
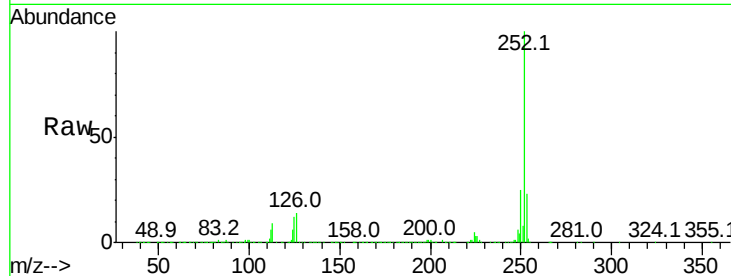
#89
Benzo(a)pyrene
Concen: 48.346 ng
RT: 15.64 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Instrument :
BNA_F
ClientSampled :
PB111309BS

Tot Ion:252 Resp: 1565495
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 11.8 9.8 14.6

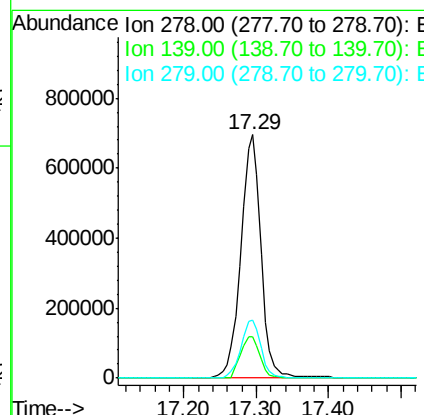
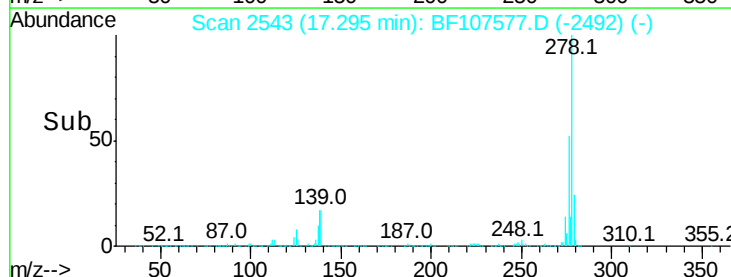
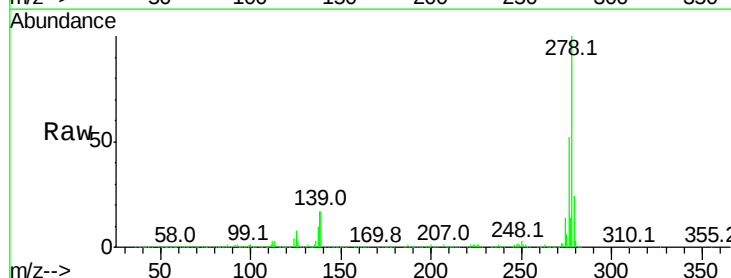
Manual Integrations
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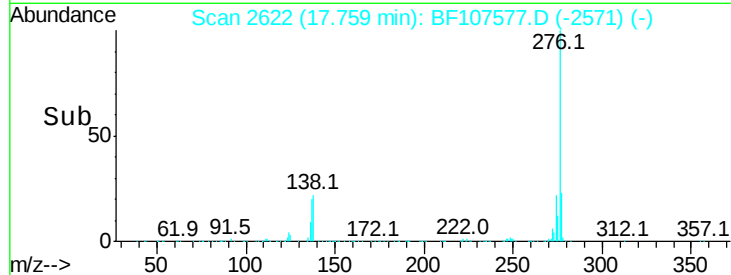
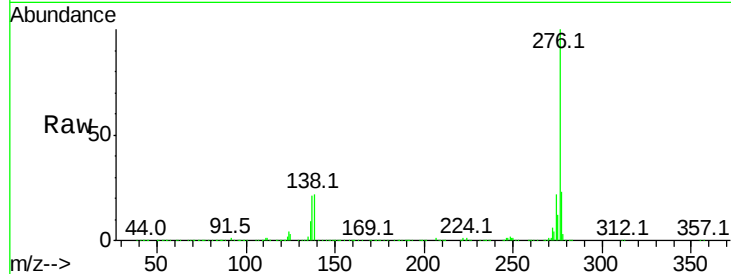
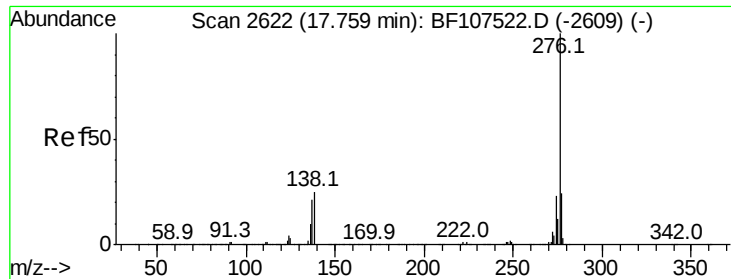
Sohil
7/23/2018 12:45:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 48.028 ng
RT: 17.29 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BF107577.D
Acq: 21 Jul 2018 15:34

Tgt Ion:278 Resp: 1344354
Ion Ratio Lower Upper
278 100
139 16.7 15.9 23.9
279 23.8 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 46.806 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. 0.00 min
 Lab File: BF107577.D
 Acq: 21 Jul 2018 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB111309BS

Tot Ion:	276	Resp:	1292318
Ion Ratio	Lower	Upper	
276	100		
277	23.2	17.9	26.9
138	22.2	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 7/23/2018 12:45:04 PM

