

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
 Data File : BF110757.D
 Acq On : 14 Nov 2018 9:13
 Operator : JU/SJ
 Sample : PB114763BSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114763BSD

Manual Integrations
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Sohil
 11/14/2018 1:52:33 PM

Quant Time: Nov 14 10:26:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70990	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	285976	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	117542	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	180194	20.00	ng	0.00
76) Chrysene-d12	14.13	240	139645	20.00	ng	0.00
87) Perylene-d12	15.66	264	90786	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	383696	87.79	ng	0.00
7) Phenol-d6	6.57	99	469925	84.08	ng	0.00
23) Nitrobenzene-d5	7.51	82	424804	85.55	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	87273	73.69	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	780660	94.85	ng	0.00
79) Terphenyl-d14	13.06	244	508558	68.20	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	61505	28.244	ng	# 86
3) Pyridine	3.62	79	162987	34.675	ng	# 84
4) n-Nitrosodimethylamine	3.58	42	87380	43.326	ng	92
6) Aniline	6.61	93	119617	16.412	ng	# 56
8) 2-Chlorophenol	6.73	128	201867	39.401	ng	96
9) Benzaldehyde	6.50	77	113563	37.124	ng	97
10) Phenol	6.59	94	243086	37.511	ng	# 63
11) bis(2-Chloroethyl)ether	6.67	93	184777	38.047	ng	92
12) 1,3-Dichlorobenzene	6.89	146	212237	37.860	ng	96
13) 1,4-Dichlorobenzene	6.96	146	216285	37.995	ng	100
14) 1,2-Dichlorobenzene	7.12	146	204158	38.553	ng	98
15) Benzyl Alcohol	7.09	79	166896	38.160	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.21	45	292815	38.393	ng	72
17) 2-Methylphenol	7.19	107	157973	38.742	ng	# 83
18) Hexachloroethane	7.45	117	68039	32.376	ng	95
19) n-Nitroso-di-n-propylamine	7.35	70	134336	37.656	ng	95
20) 3+4-Methylphenols	7.35	107	202904	38.764	ng	# 82
22) Acetophenone	7.35	105	275070	41.272	ng	# 90
24) Nitrobenzene	7.53	77	204119	40.120	ng	98
25) Isophorone	7.76	82	360240	44.261	ng	97
26) 2-Nitrophenol	7.85	139	91067	35.879	ng	96
27) 2,4-Dimethylphenol	7.87	122	176621	45.692	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	231803	42.065	ng	99
29) 2,4-Dichlorophenol	8.09	162	158754	39.914	ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	173715	38.737	ng	96
31) Naphthalene	8.25	128	562968	41.934	ng	99
32) Benzoic acid	7.99	122	83553	30.550	ng	94
33) 4-Chloroaniline	8.30	127	56940	9.364	ng	100
34) Hexachlorobutadiene	8.35	225	96069	37.506	ng	99
35) Caprolactam	8.67	113	53538m	40.289	ng	
36) 4-Chloro-3-methylphenol	8.78	107	163023	38.004	ng	95
37) 2-Methylnaphthalene	8.94	142	371252	42.184	ng	97
38) 1-Methylnaphthalene	9.04	142	343235	40.553	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	157221	42.256	ng	98

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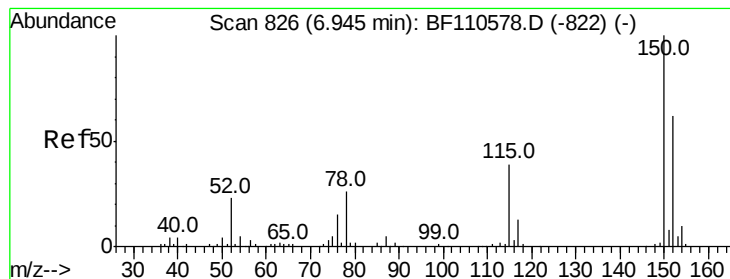
Manual Integrations
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Quant Time: Nov 14 10:26:17 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	9800	13.736	ng	99
43) 2,4,6-Trichlorophenol	9.22	196	99412	42.519	ng	95
44) 2,4,5-Trichlorophenol	9.26	196	102943	41.276	ng	95
46) 1,1'-Biphenyl	9.40	154	441491	40.264	ng	99
47) 2-Chloronaphthalene	9.43	162	322895	40.875	ng	99
48) 2-Nitroaniline	9.53	65	101993	41.898	ng	93
49) Acenaphthylene	9.85	152	491049	43.164	ng	99
50) Dimethylphthalate	9.70	163	380891	43.428	ng	100
51) 2,6-Dinitrotoluene	9.77	165	77155	39.990	ng	98
52) Acenaphthene	10.02	154	287979	40.055	ng	96
53) 3-Nitroaniline	9.95	138	49554	22.169	ng	88
54) 2,4-Dinitrophenol	10.06	184	8787	15.463	ng	88
55) Dibenzofuran	10.19	168	408839	38.868	ng	98
56) 4-Nitrophenol	10.10	139	98756	66.595	ng	96
57) 2,4-Dinitrotoluene	10.18	165	90926	36.246	ng	96
58) Fluorene	10.53	166	320098	39.619	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	76744	39.116	ng	95
60) Diethylphthalate	10.39	149	368006	42.412	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	158316	37.845	ng	99
62) 4-Nitroaniline	10.56	138	68592	30.473	ng	95
63) Azobenzene	10.68	77	317066	37.453	ng	97
65) 4,6-Dinitro-2-methylphenol	10.60	198	7530	8.292	ng	94
66) n-Nitrosodiphenylamine	10.64	169	279388	45.999	ng	97
67) 4-Bromophenyl-phenylether	11.02	248	84649	42.505	ng	98
68) Hexachlorobenzene	11.09	284	85459	40.701	ng	# 93
69) Atrazine	11.16	200	85299	45.931	ng	99
70) Pentachlorophenol	11.29	266	73096	65.243	ng	97
71) Phenanthrene	11.50	178	411695	42.646	ng	100
72) Anthracene	11.56	178	425230	43.665	ng	99
73) Carbazole	11.71	167	363813	38.900	ng	99
74) Di-n-butylphthalate	12.02	149	493552	45.002	ng	98
75) Fluoranthene	12.70	202	410735	42.437	ng	98
77) Benzidine	12.82	184	219131	57.061	ng	98
78) Pyrene	12.93	202	419365	39.002	ng	98
80) Butylbenzylphthalate	13.53	149	188333	40.695	ng	97
81) Benzo(a)anthracene	14.12	228	356919	42.762	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	115592	41.341	ng	99
83) Chrysene	14.16	228	333625	41.955	ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	260429	45.363	ng	97
85) Di-n-octyl phthalate	14.69	149	444878	52.696	ng	98
86) Indeno(1,2,3-cd)pyrene	17.23	276	212539	37.247	ng	98
88) Benzo(b)fluoranthene	15.20	252	253867	46.743	ng	99
89) Benzo(k)fluoranthene	15.23	252	238800	44.498	ng	# 97
90) Benzo(a)pyrene	15.59	252	220936	44.773	ng	98
91) Dibenzo(a,h)anthracene	17.23	278	177605	42.531	ng	99
92) Benzo(g,h,i)perylene	17.70	276	174648	42.153	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Instrument :

BNA_F

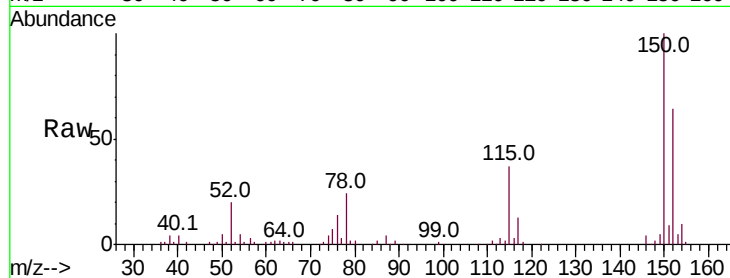
ClientSampleId :

PB114763BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	122.7	184.1
115	58.8	49.1	73.7

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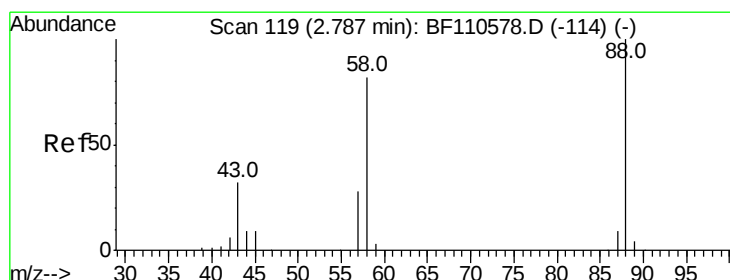
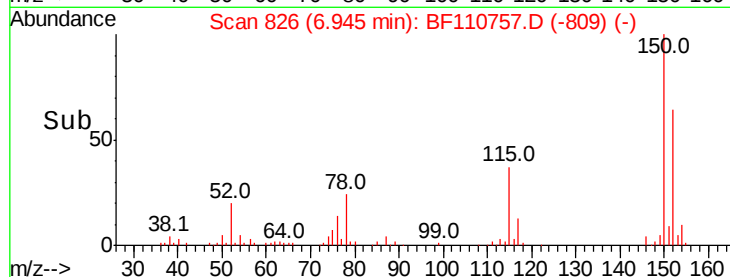
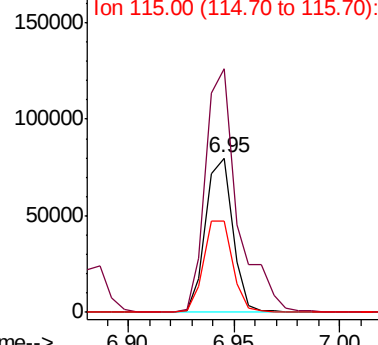


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.244 ng

RT: 2.84 min Scan# 128

Delta R.T. 0.05 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

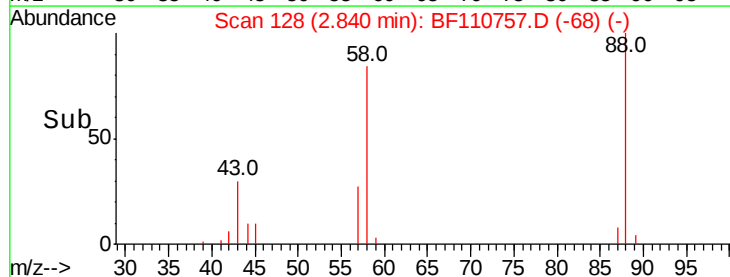
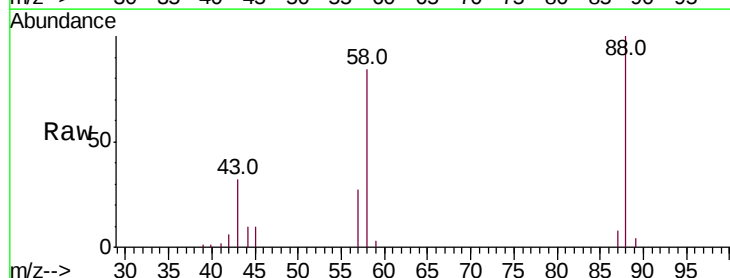
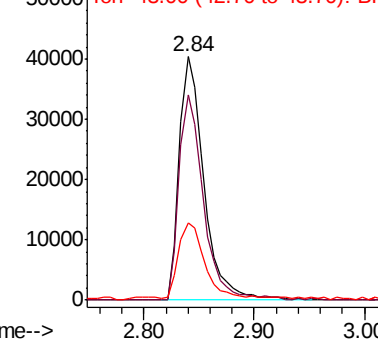
Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	57.1	85.7
43	37.4	24.1	36.1

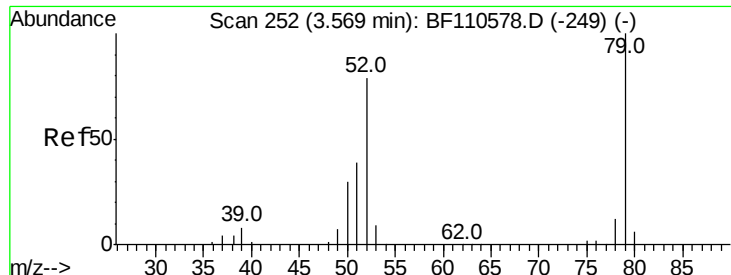
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





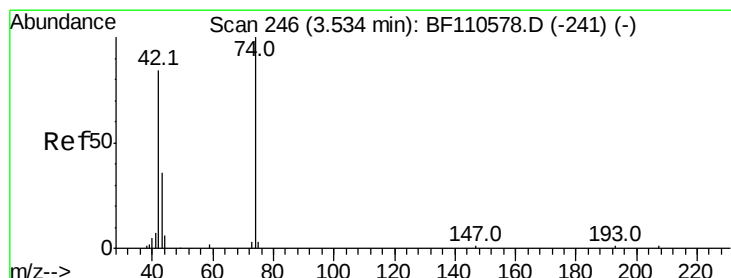
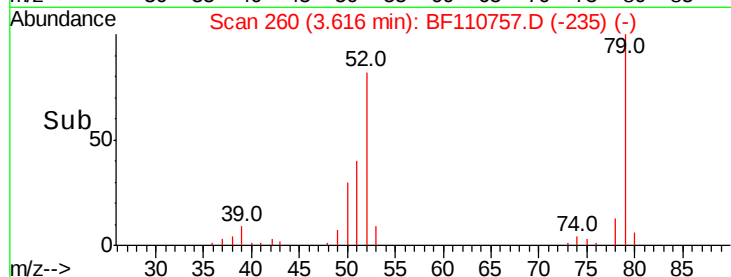
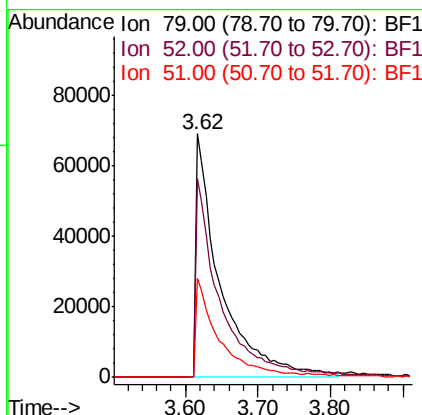
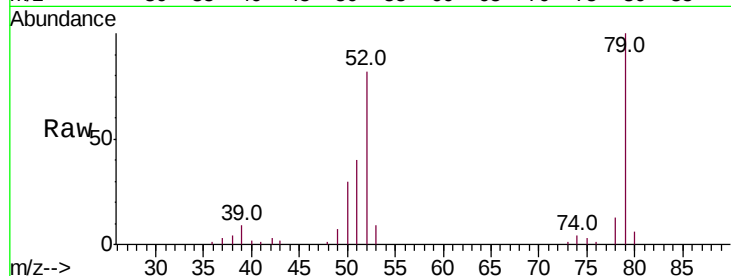
#3
 Pvridine
 Concen: 34.675 ng
 RT: 3.62 min Scan# 260
 Delta R.T. 0.05 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Instrument :
 BNA_F
 ClientSampleId :
 PB114763BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.6	53.1	79.7#
51	40.5	27.4	41.2

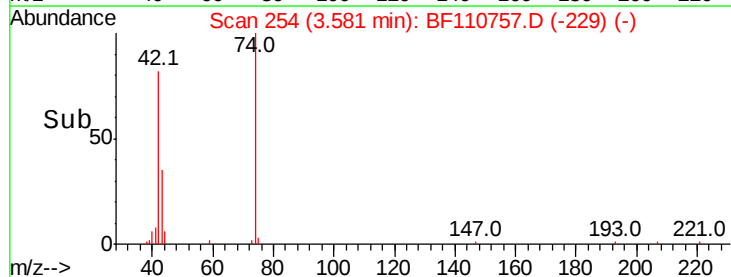
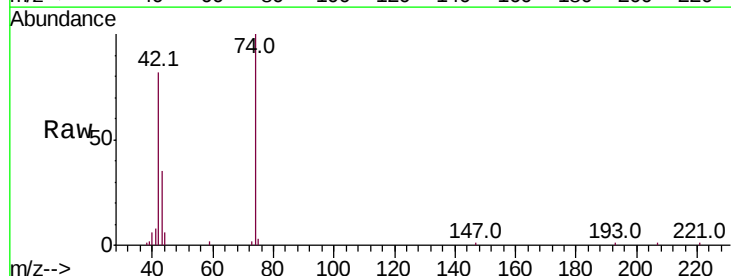
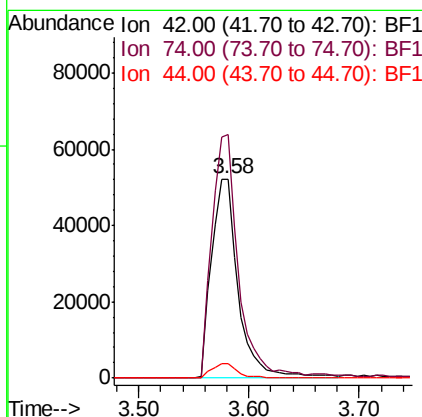
Manual Integrations
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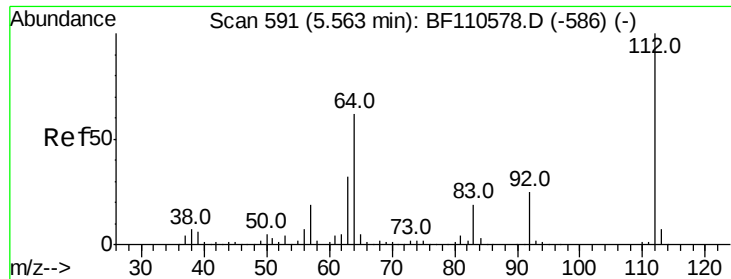
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#4
 n-Nitrosodimethylamine
 Concen: 43.326 ng
 RT: 3.58 min Scan# 254
 Delta R.T. 0.05 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.1	105.5	158.3
44	7.0	4.9	7.3





#5

2-Fluorophenol

Concen: 87.793 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Instrument :

BNA_F

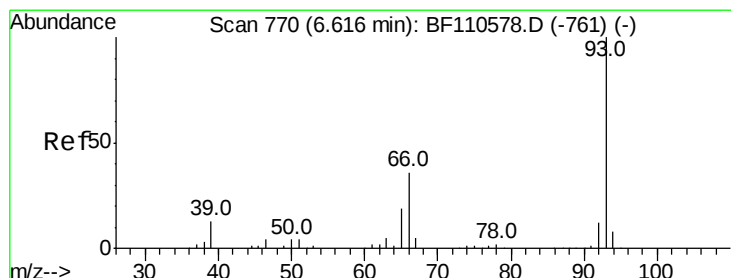
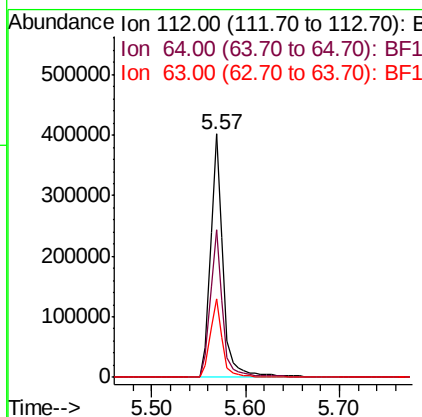
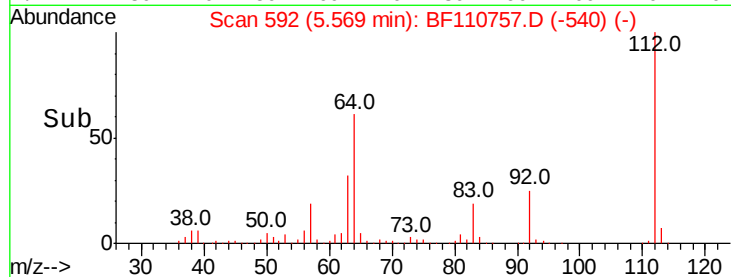
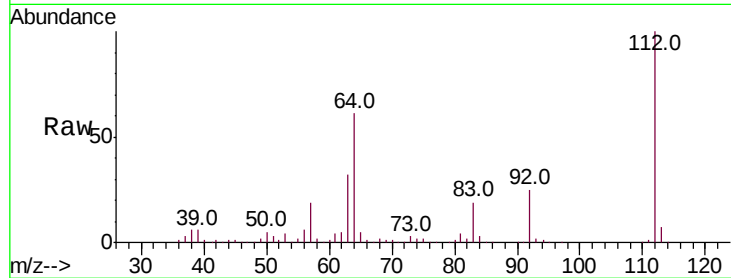
ClientSampleId :

PB114763BSD

Tot Ion:	112	Resp:	383696
Ion Ratio	Lower	Upper	
112	100		
64	60.7	44.1	66.1
63	32.3	23.7	35.5

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#6

Aniline

Concen: 16.412 ng

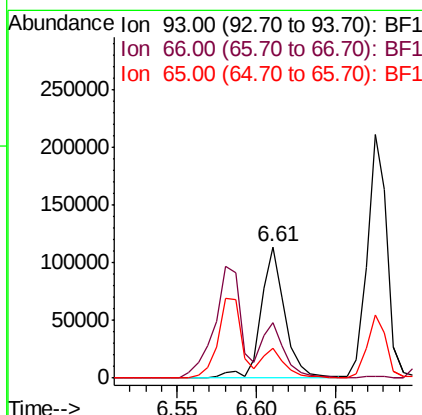
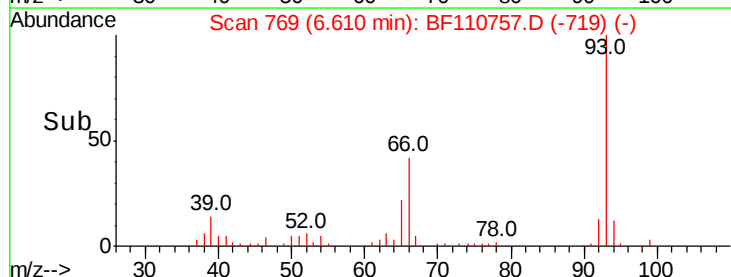
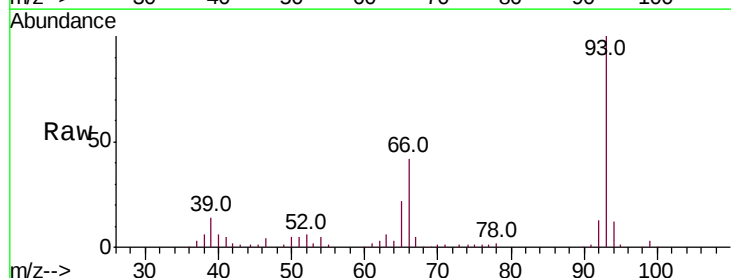
RT: 6.61 min Scan# 769

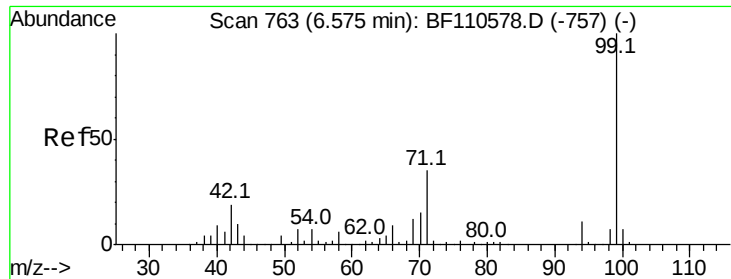
Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Tgt Ion:	93	Resp:	119617
Ion Ratio	Lower	Upper	
93	100		
66	42.1	67.4	101.0#
65	22.4	41.0	61.4#





#7

Phenol-d6

Concen: 84.084 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Instrument :

BNA_F

ClientSampleId :

PB114763BSD

Tot Ion: 99 Resp: 469925

Ion Ratio Lower Upper

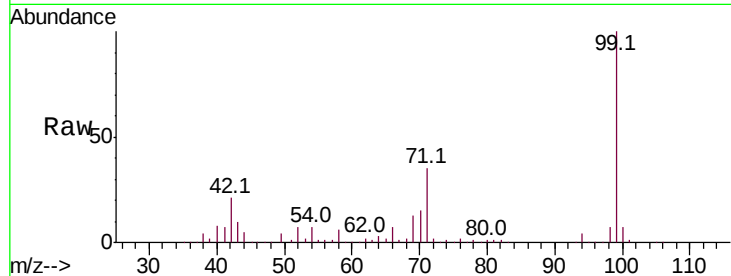
99 100

42 20.5 15.8 23.6

71 34.7 28.0 42.0

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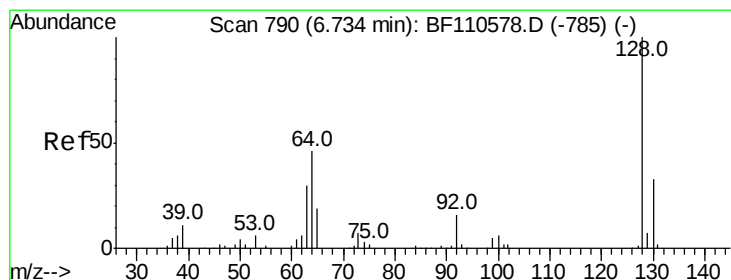
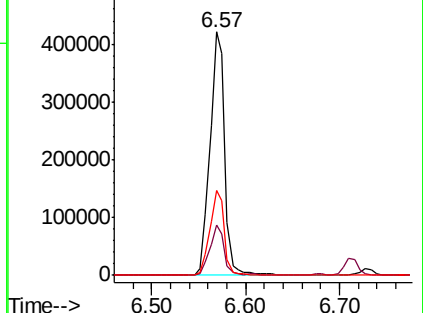
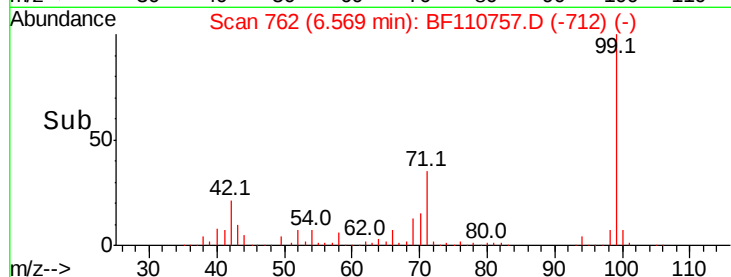
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.401 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

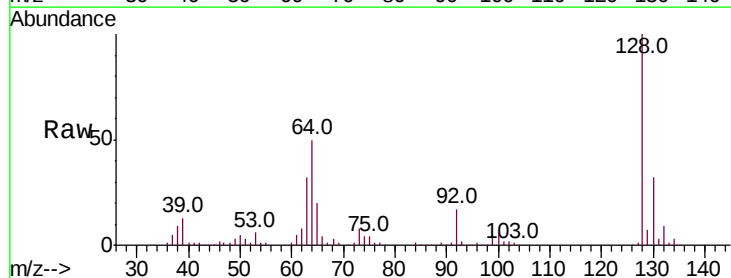
Tgt Ion:128 Resp: 201867

Ion Ratio Lower Upper

128 100

130 31.6 13.1 53.1

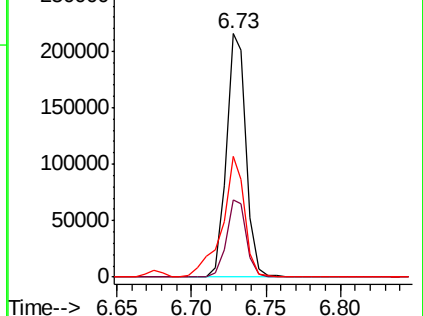
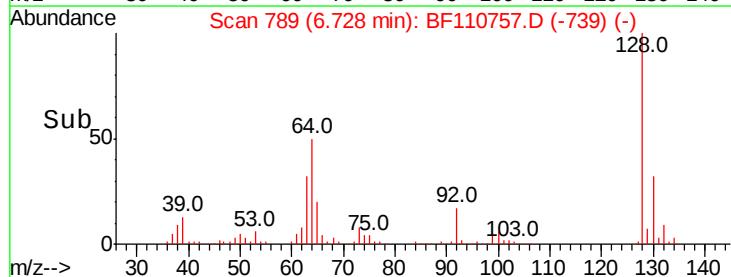
64 49.7 26.0 66.0

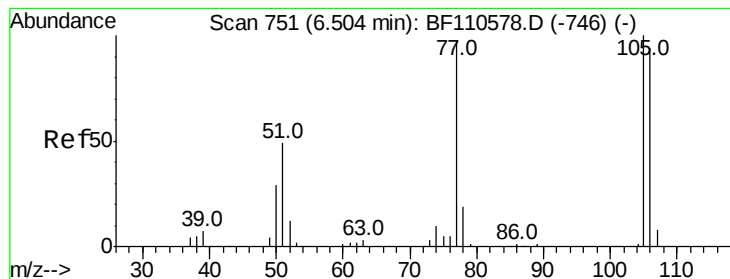


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 37.124 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Instrument :

BNA_F

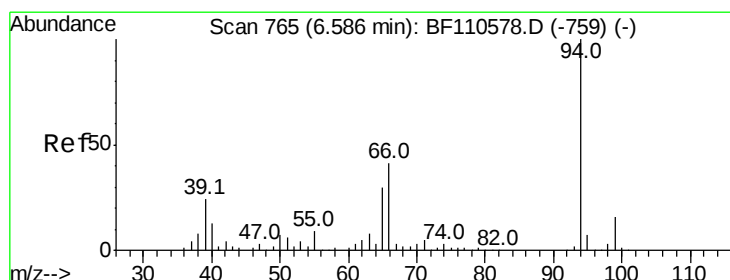
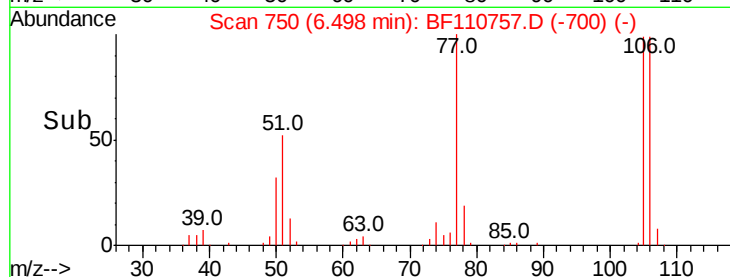
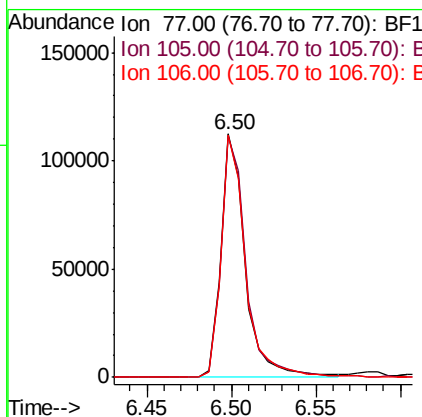
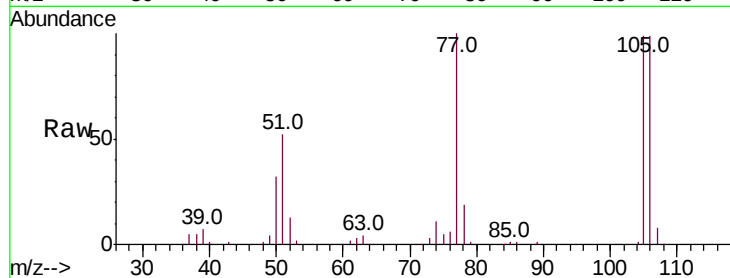
ClientSampleID :

PB114763BSD

Tot Ion:	77	Resp:	113563
Ion Ratio	Lower	Upper	
77	100		
105	99.1	78.6	118.6
106	99.3	74.8	114.8

Manual Integrations
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#10

Phenol

Concen: 37.511 ng

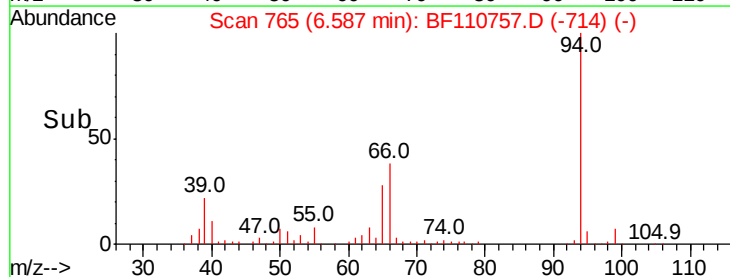
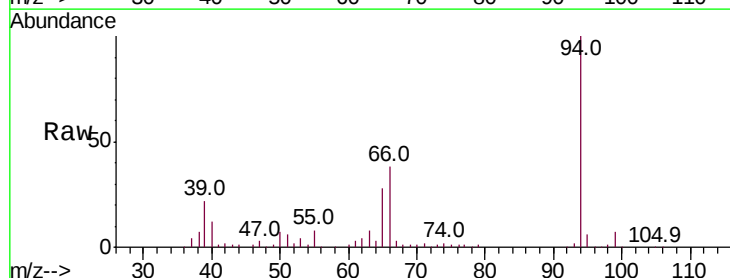
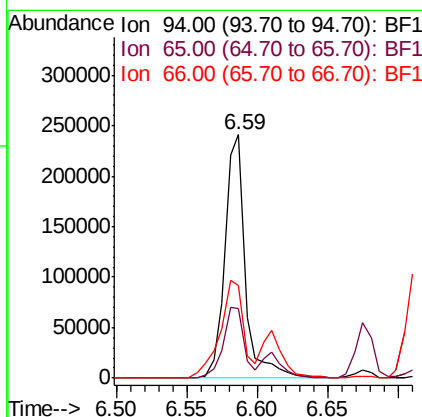
RT: 6.59 min Scan# 765

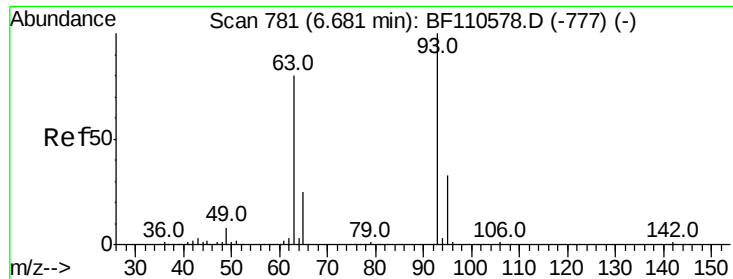
Delta R.T. 0.00 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Tgt Ion:	94	Resp:	243086
Ion Ratio	Lower	Upper	
94	100		
65	28.3	25.3	65.3
66	37.9	54.5	94.5#





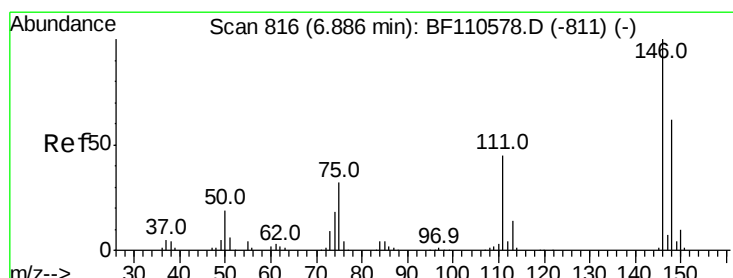
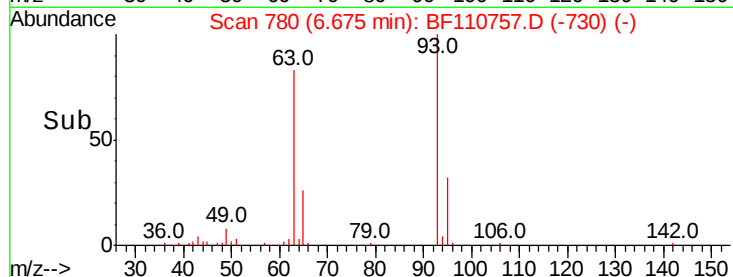
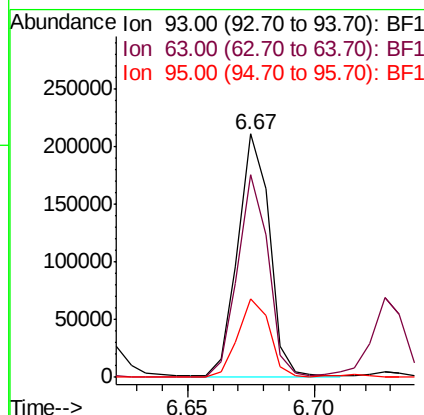
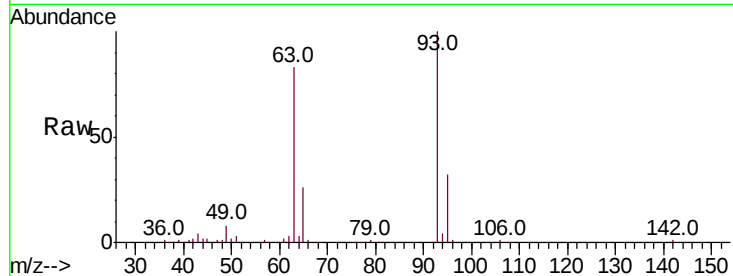
#11
bis(2-Chloroethyl)ether
Concen: 38.047 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		184777		
63	83.3	53.4	93.4		
95	32.4	12.1	52.1		

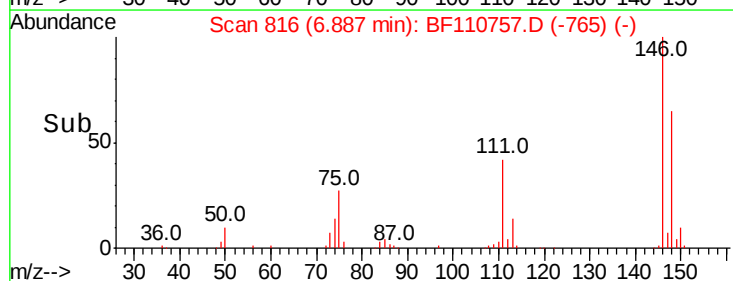
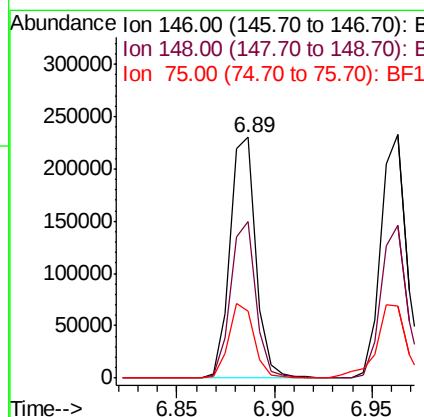
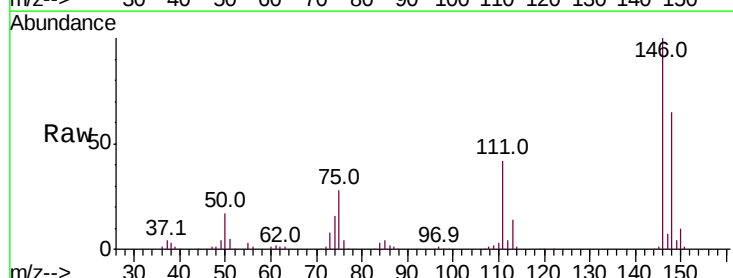
Manual Integrations
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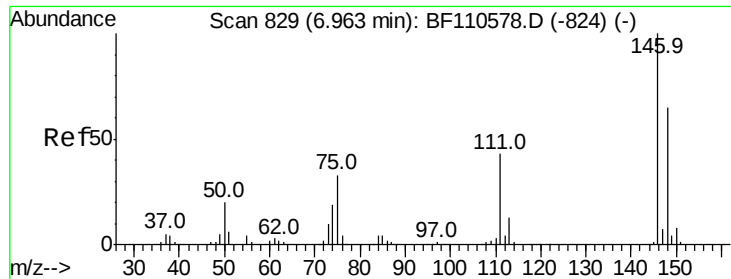
Sohil
11/14/2018 1:52:33 PM



#12
1,3-Dichlorobenzene
Concen: 37.860 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		212237		
148	65.1	50.4	75.6		
75	27.8	25.8	38.6		





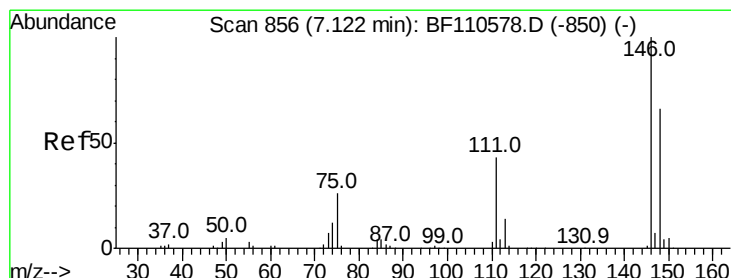
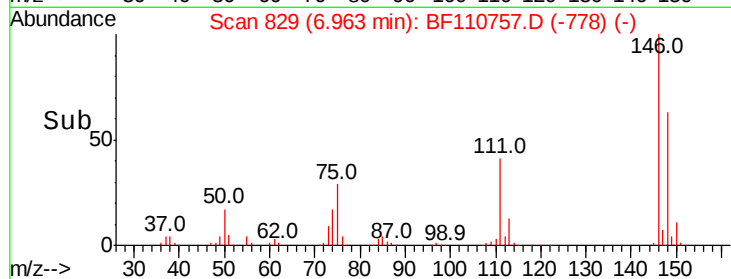
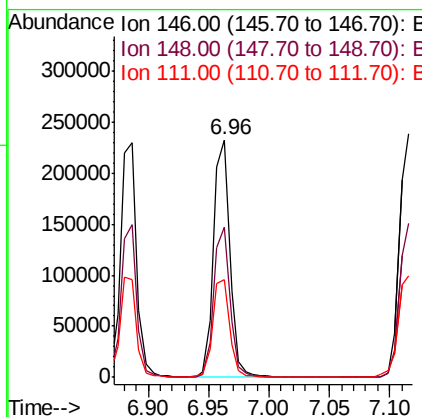
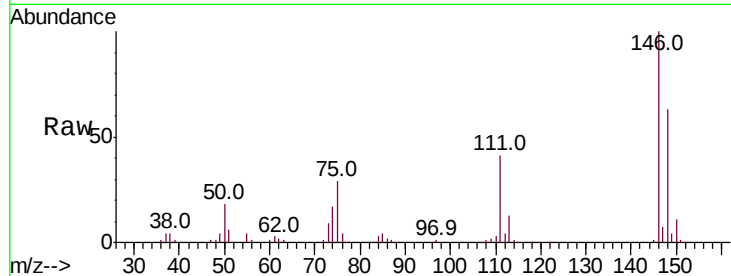
#13
 1,4-Dichlorobenzene
 Concen: 37.995 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Instrument :
 BNA_F
 ClientSampleId :
 PB114763BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.3	75.5
111	41.3	32.7	49.1

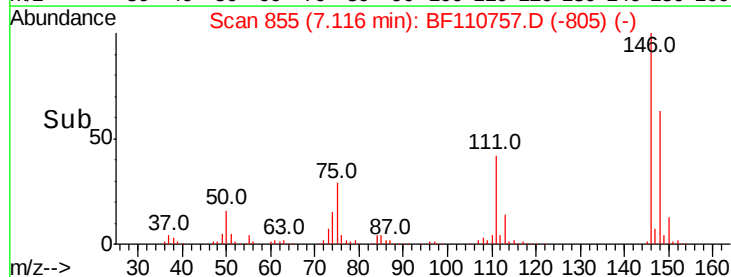
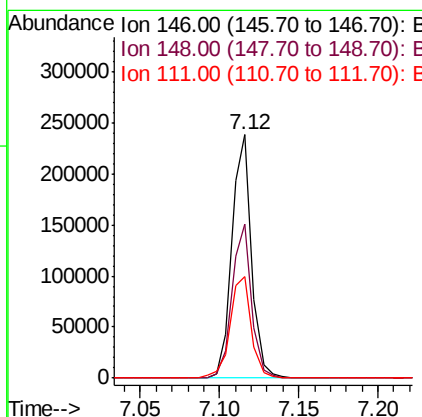
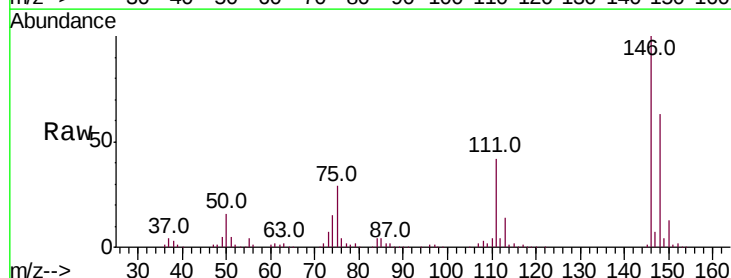
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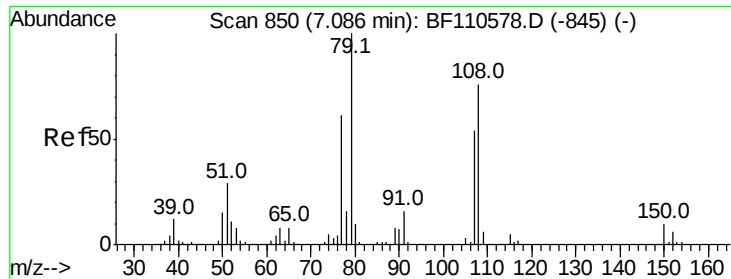
Sohil
 11/14/2018 1:52:33 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.553 ng
 RT: 7.12 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.1	76.7
111	41.9	35.8	53.6





#15

Benzyl Alcohol

Concen: 38.160 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Instrument :

BNA_F

ClientSampleId :

PB114763BSD

Tot Ion: 79 Resp: 166896

Ion Ratio Lower Upper

79 100

108 79.1 56.3 84.5

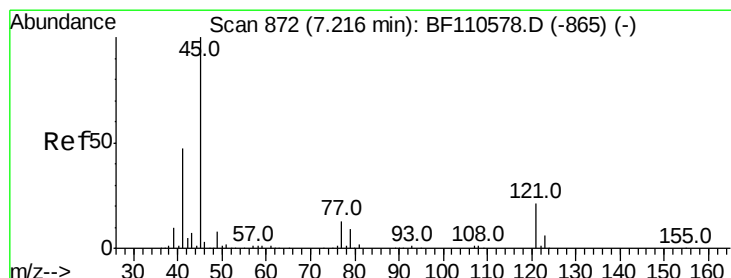
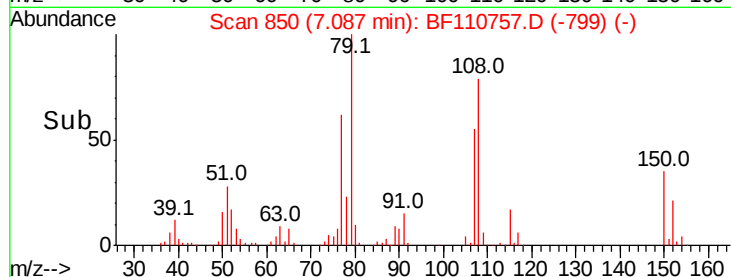
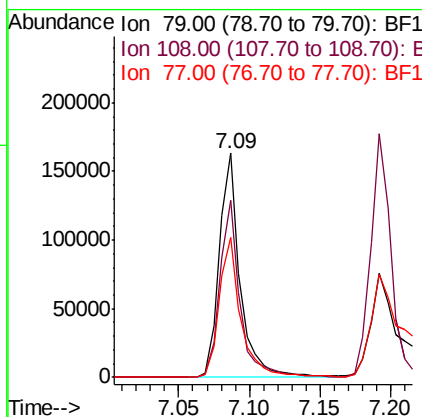
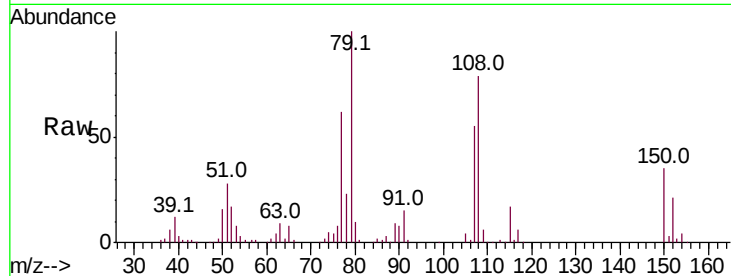
77 62.4 52.9 79.3

Manual Integrations

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Sohil

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.393 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

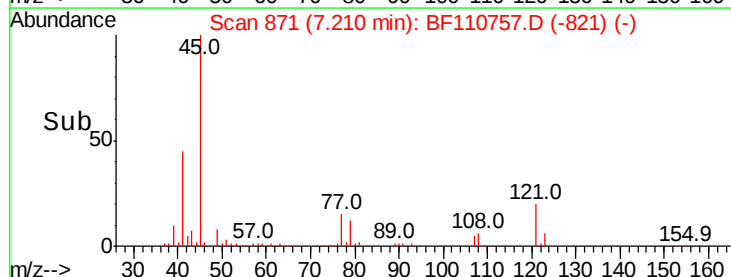
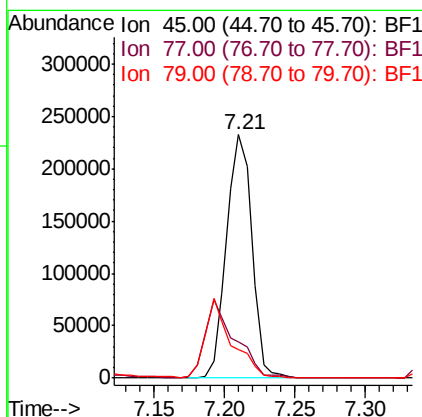
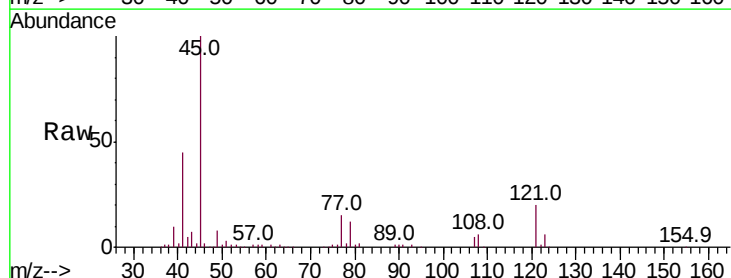
Tgt Ion: 45 Resp: 292815

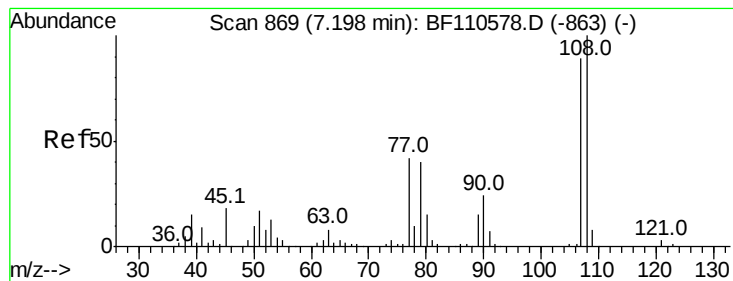
Ion Ratio Lower Upper

45 100

77 15.0 10.0 50.0

79 11.5 6.1 46.1





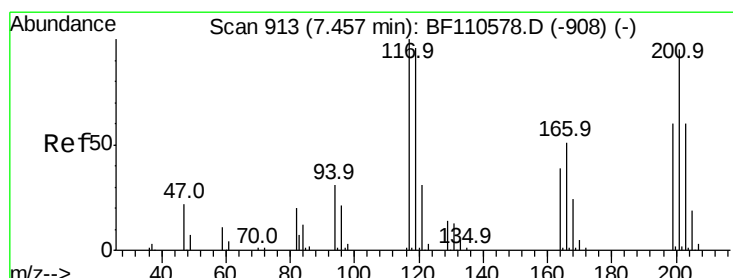
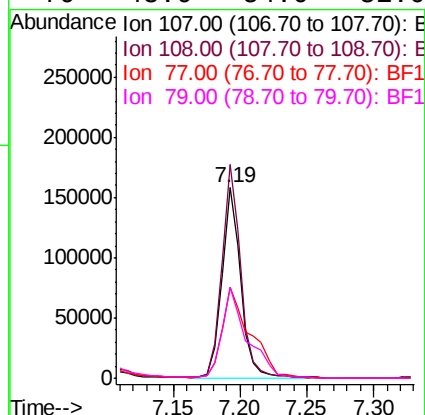
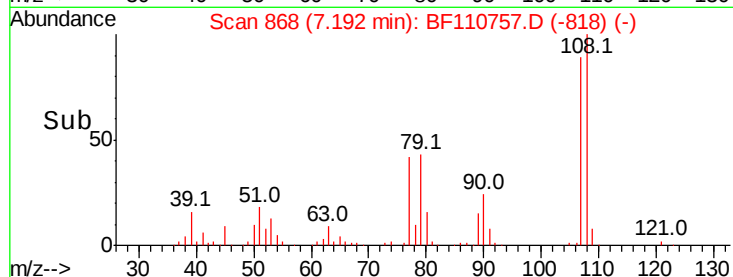
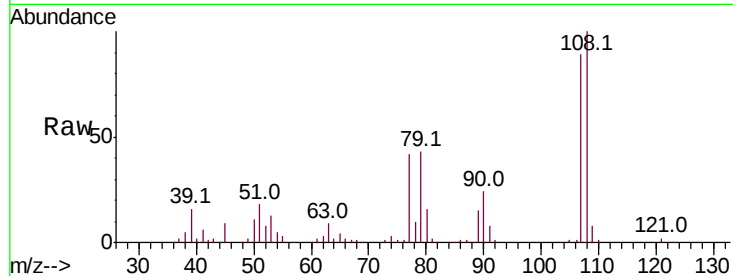
#17
2-Methylphenol
Concen: 38.742 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleID :
PB114763BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	92.6	138.8	
77	47.6	59.4	89.2#	
79	48.0	54.0	81.0#	

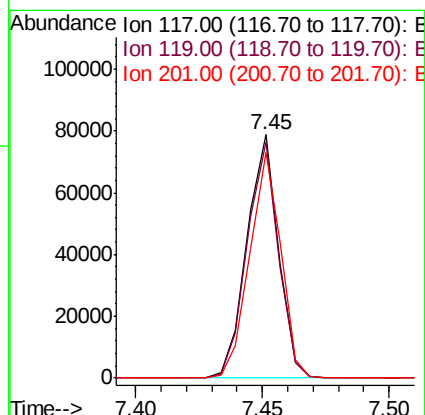
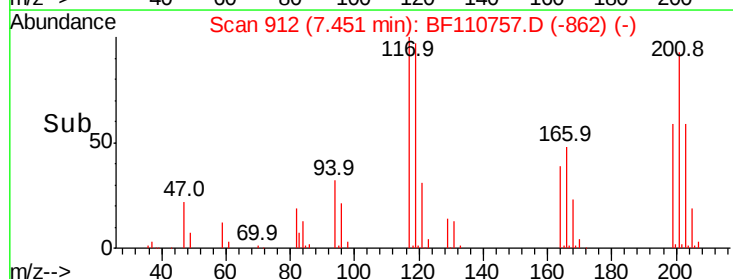
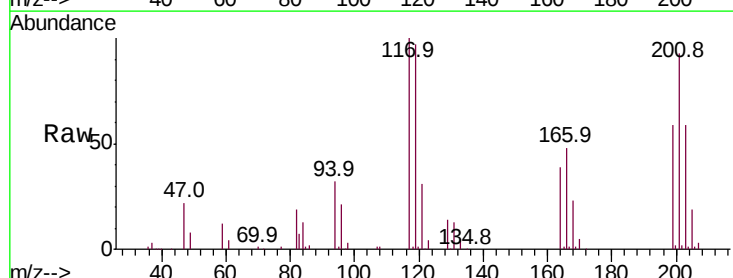
Manual Integrations
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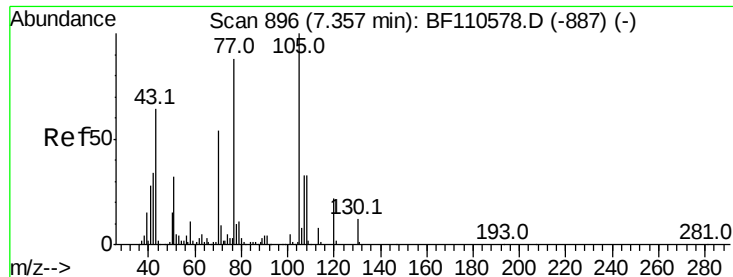
Sohil
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#18
Hexachloroethane
Concen: 32.376 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	75.0	112.6	
201	92.8	79.2	118.8	





#19

n-Nitroso-di-n-propylamine

Concen: 37.656 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Instrument :

BNA_F

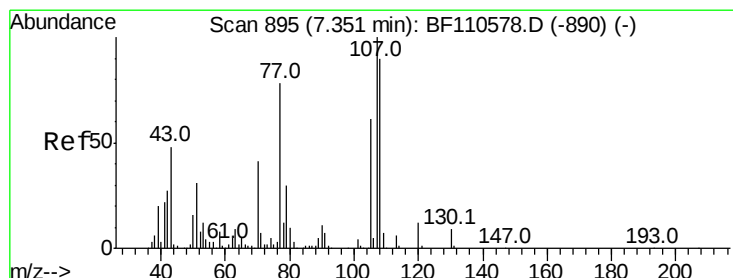
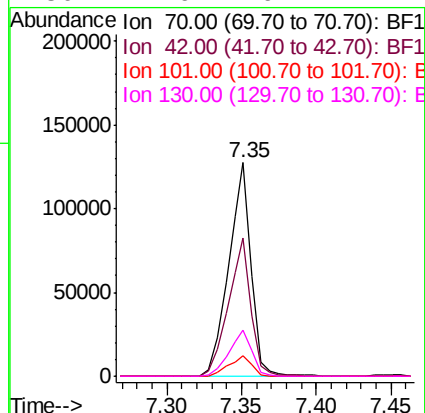
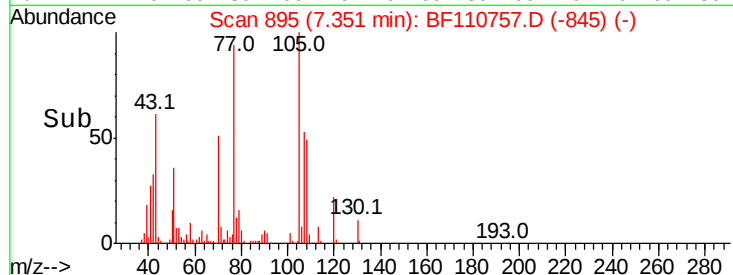
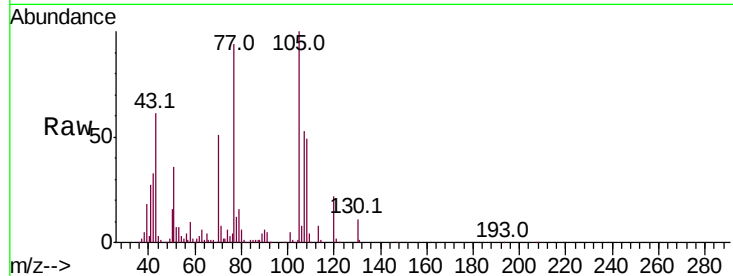
ClientSampleId :

PB114763BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.5	47.4	71.2
101	9.7	7.3	10.9
130	21.6	16.2	24.2

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#20

3+4-Methylphenols

Concen: 38.764 ng

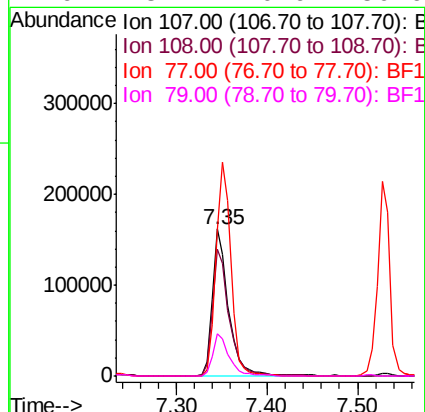
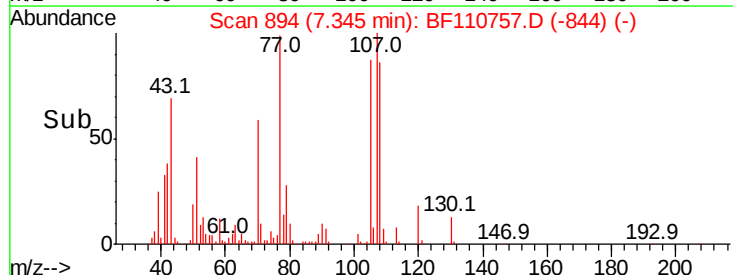
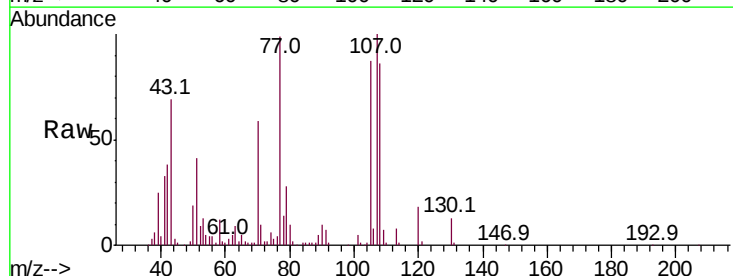
RT: 7.35 min Scan# 894

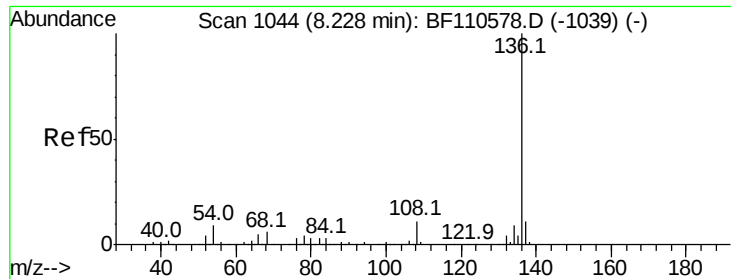
Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.0	71.4	111.4
77	99.4	47.3	87.3#
79	28.4	10.9	50.9





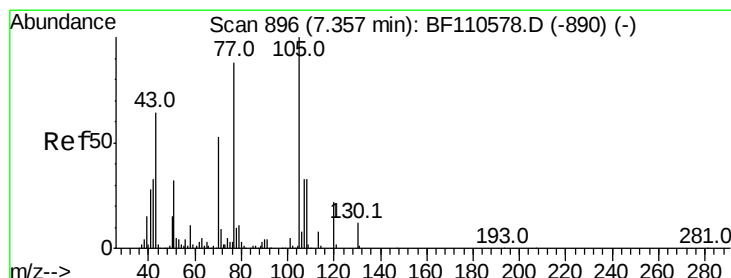
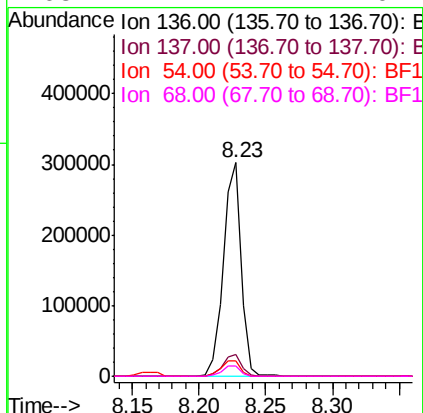
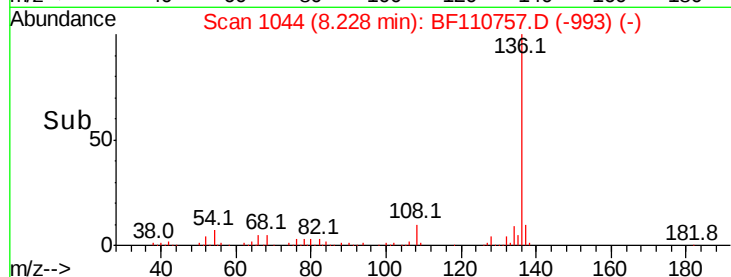
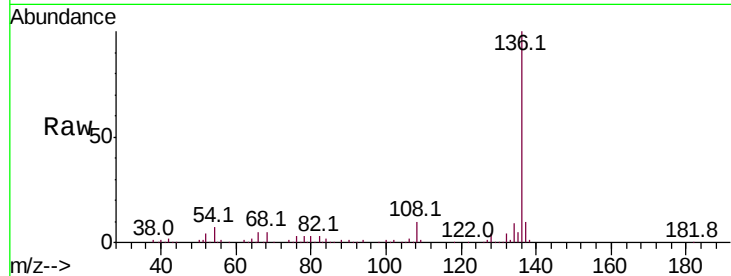
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	285976		
137	10.0		8.8	13.2
54	7.3		5.4	8.2
68	4.7		4.2	6.2

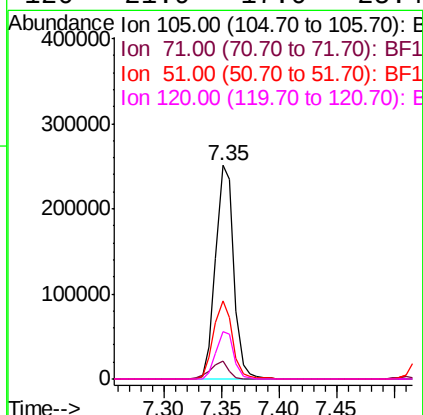
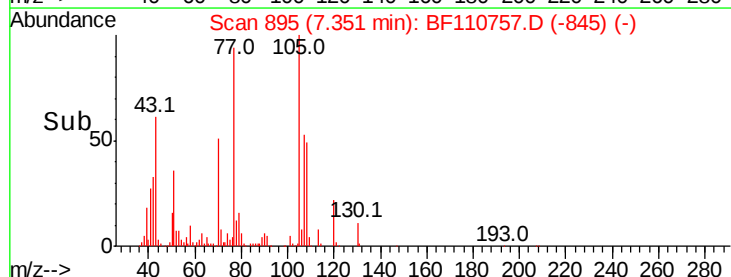
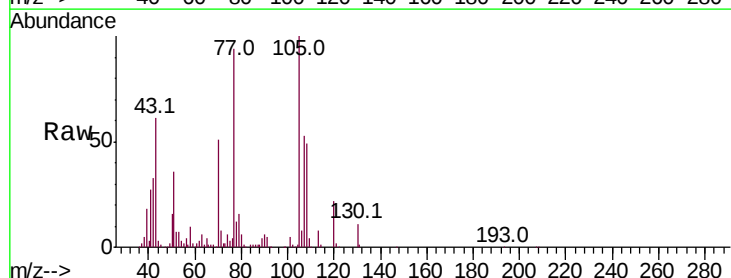
Manual Integrations
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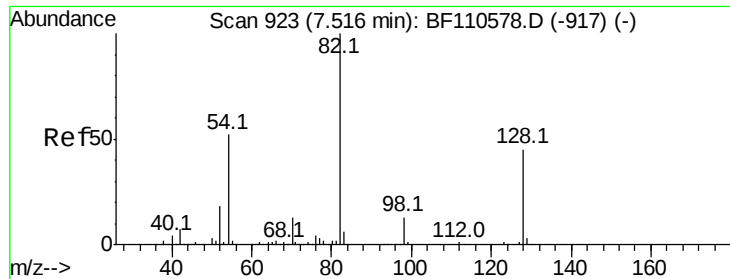
Sohil
11/14/2018 1:52:33 PM



#22
Acetophenone
Concen: 41.272 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	275070		
71	8.1		5.2	7.8#
51	36.5		21.8	32.8#
120	21.9		17.0	25.4





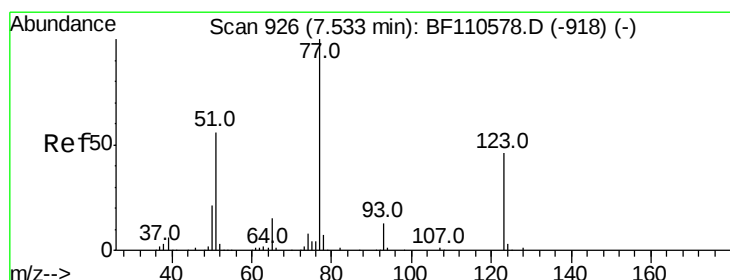
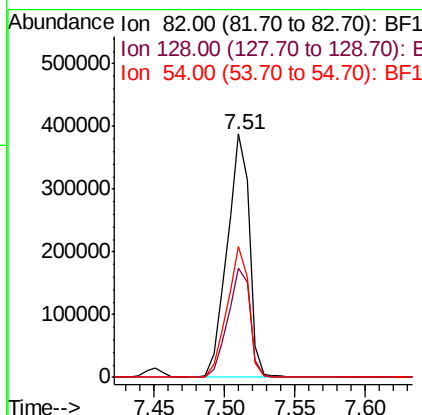
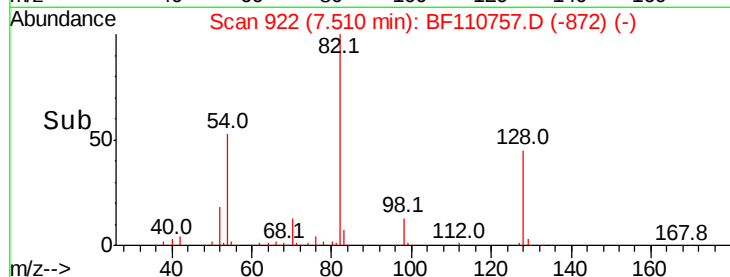
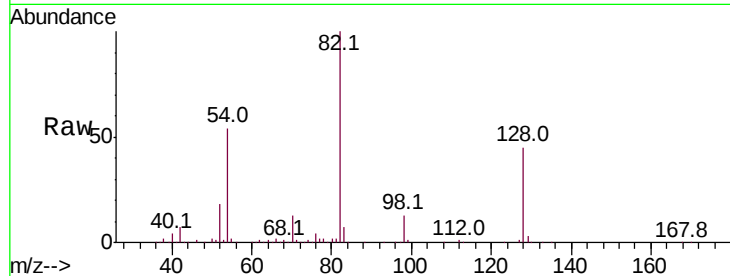
#23
Nitrobenzene-d5
Concen: 85.547 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.2	51.2
54	53.6	38.6	58.0

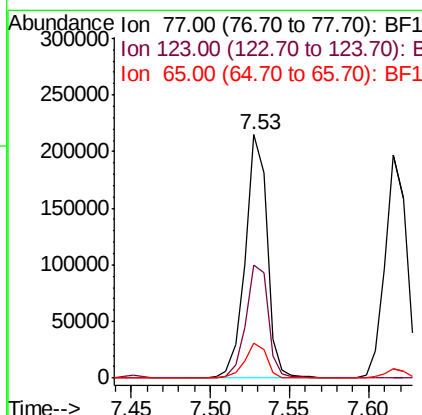
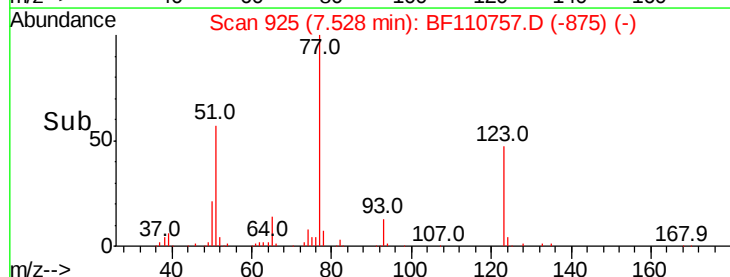
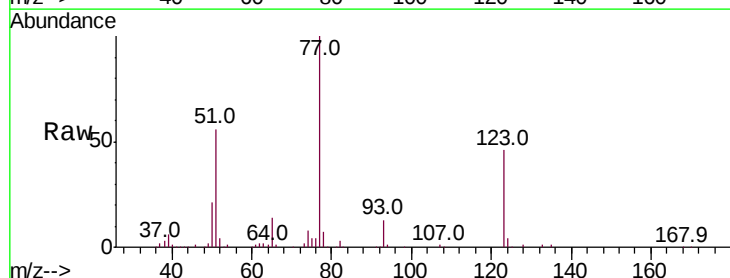
Manual Integrations
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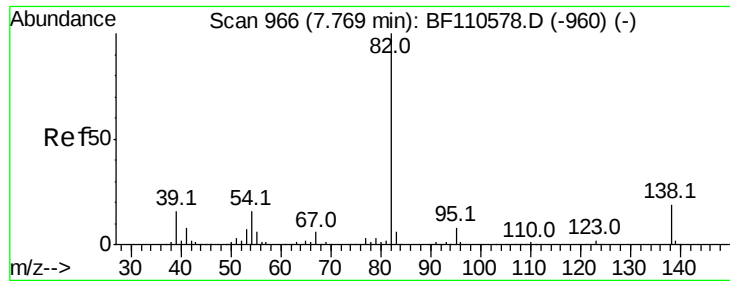
Sohil
11/14/2018 1:52:33 PM



#24
Nitrobenzene
Concen: 40.120 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	35.7	53.5
65	14.2	10.7	16.1





#25

Isophorone

Concen: 44.261 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Instrument :

BNA_F

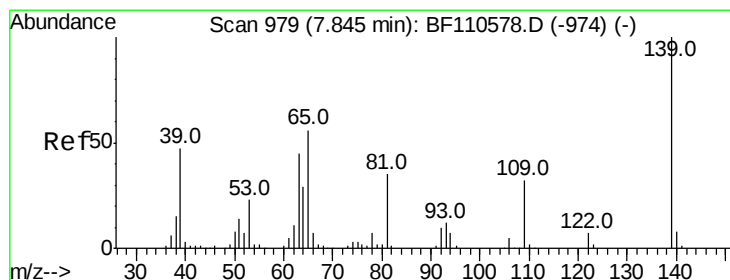
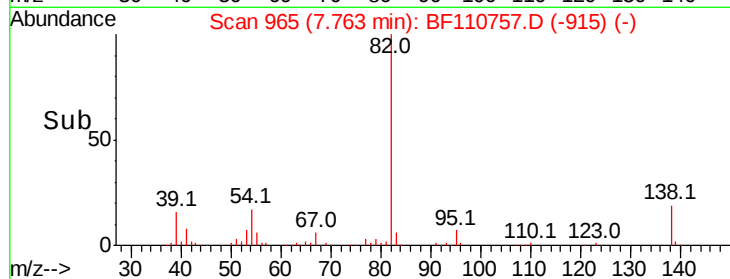
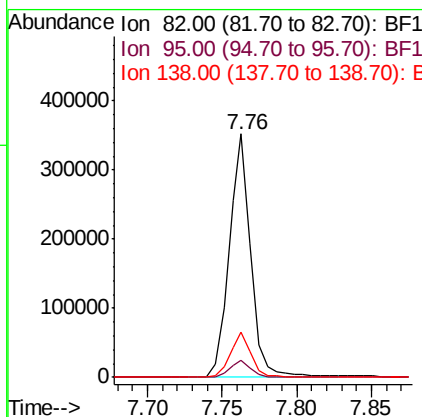
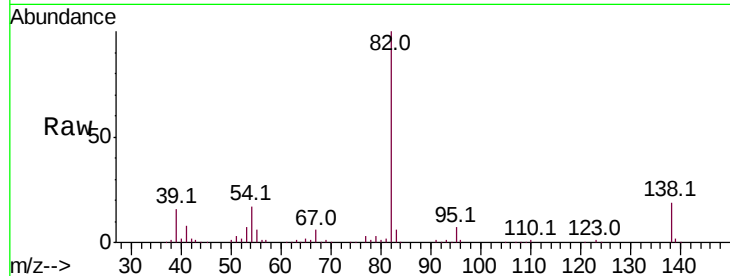
ClientSampleId :

PB114763BSD

Tot Ion:	82	Resp:	360240
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	18.6	13.2	19.8

Manual Integrations
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Sohil
11/14/2018 1:52:33 PM



#26

2-Nitrophenol

Concen: 35.879 ng

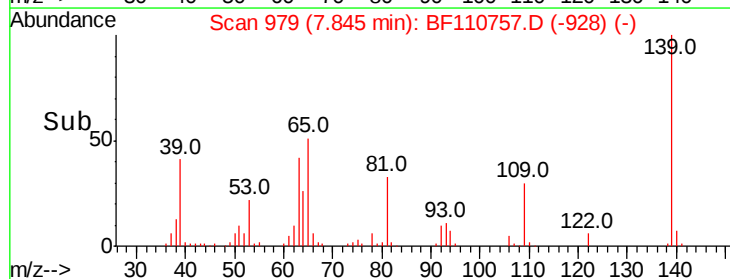
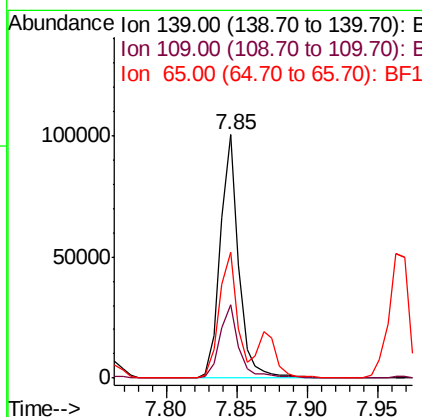
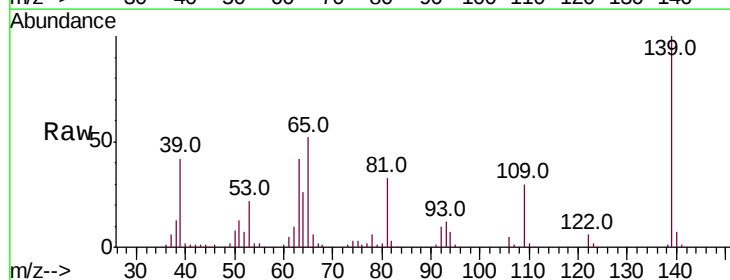
RT: 7.85 min Scan# 979

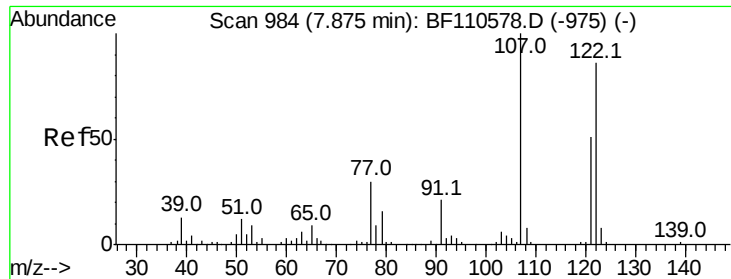
Delta R.T. 0.00 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Tgt Ion:	139	Resp:	91067
Ion Ratio	Lower	Upper	
139	100		
109	30.2	25.0	37.6
65	51.8	44.0	66.0





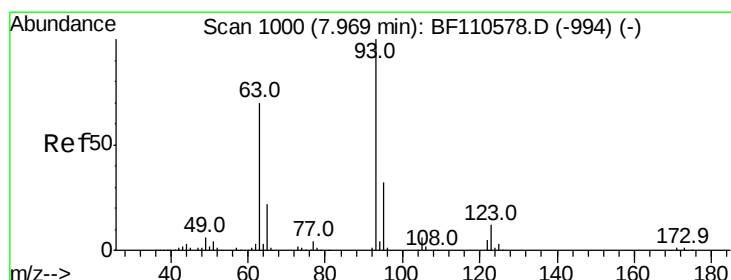
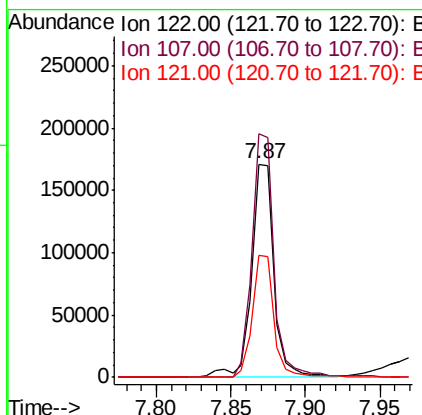
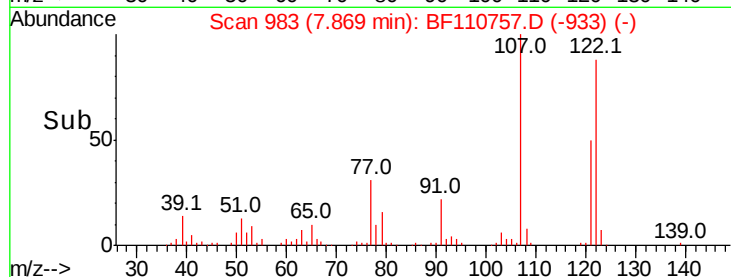
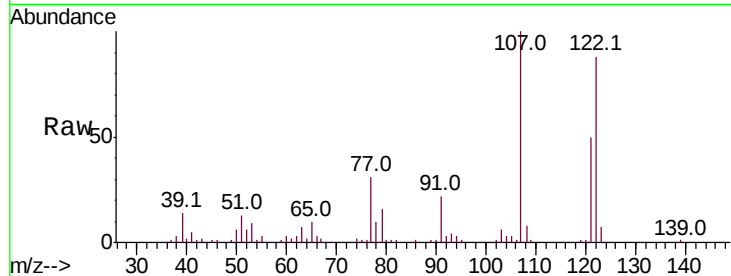
#27
2,4-Dimethylphenol
Concen: 45.692 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.2	92.5	138.7
121	57.5	45.8	68.8

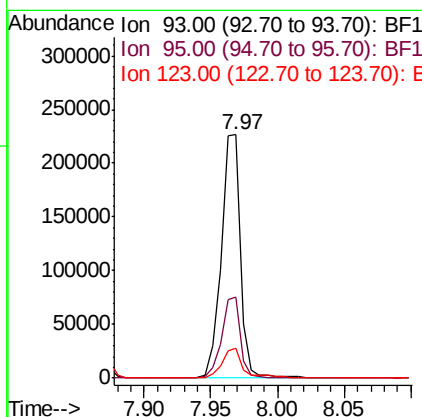
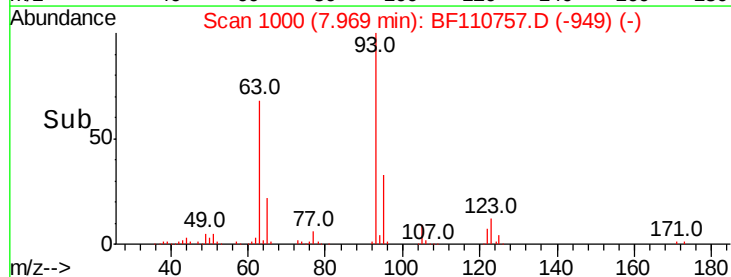
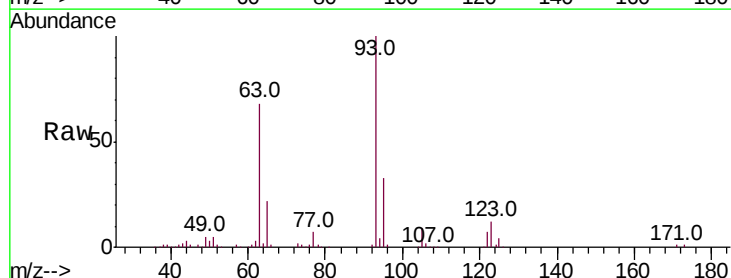
Manual Integrations
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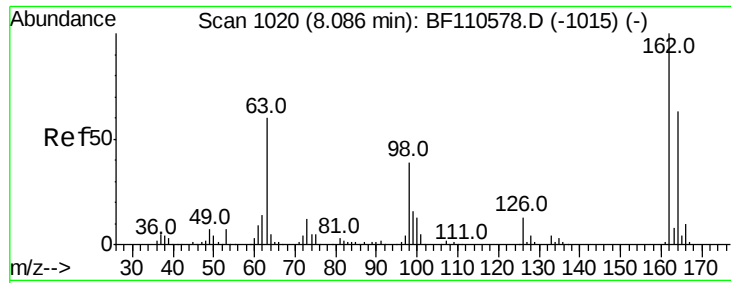
Sohil
11/14/2018 1:52:33 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.065 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.4	39.6
123	12.5	9.0	13.6





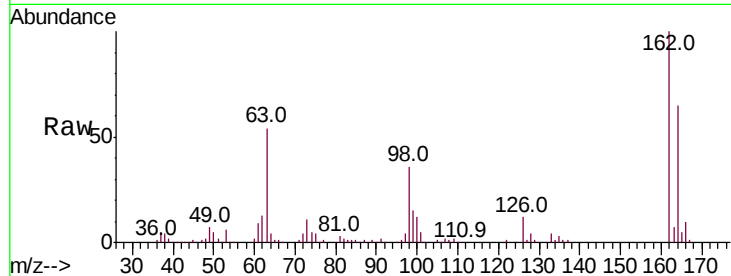
#29
 2,4-Dichlorophenol
 Concen: 39.914 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Instrument :
 BNA_F
 ClientSampleId :
 PB114763BSD

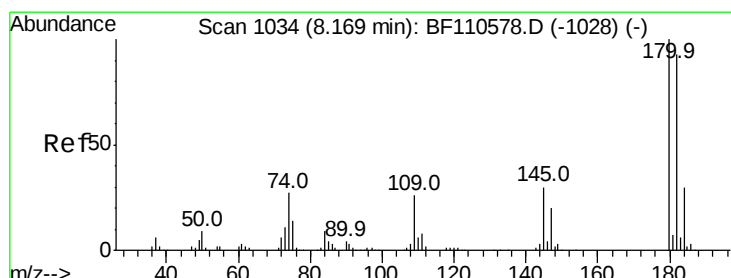
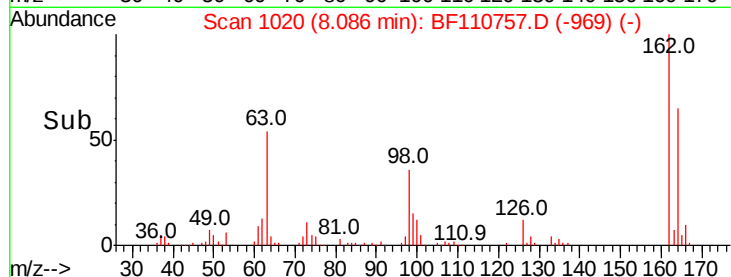
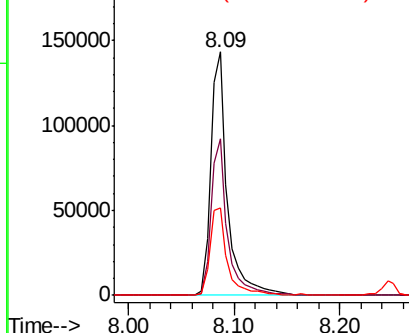
Tot Ion	Ratio	Resp	Lower	Upper
162	100	158754		
164	64.5	44.6	84.6	
98	35.7	17.4	57.4	

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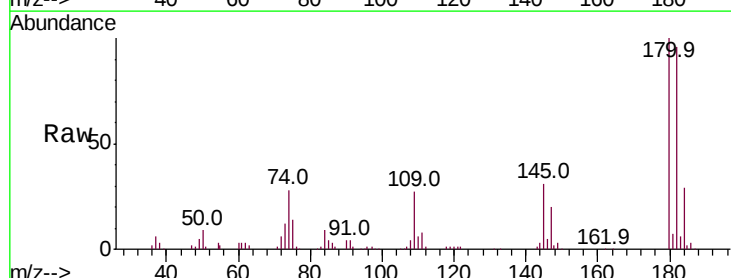


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

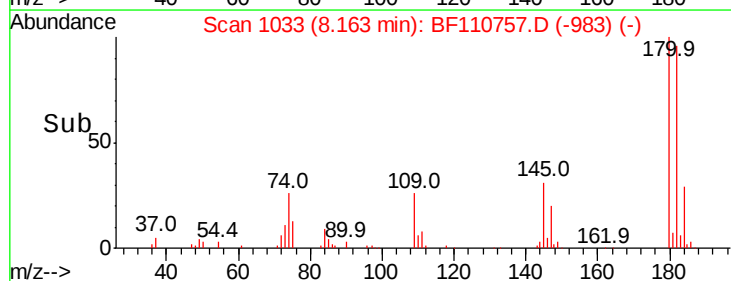
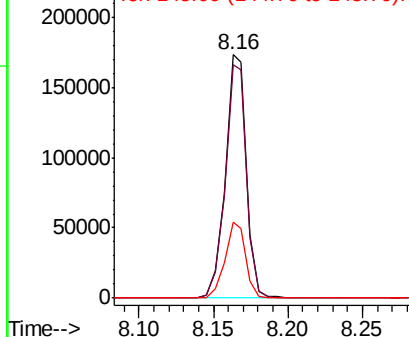


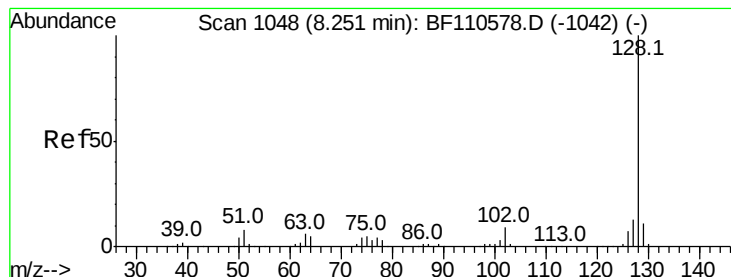
#30
 1,2,4-Trichlorobenzene
 Concen: 38.737 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	173715		
182	95.8	80.3	120.5	
145	31.5	25.4	38.0	



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





#31

Naphthalene

Concen: 41.934 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Instrument :

BNA_F

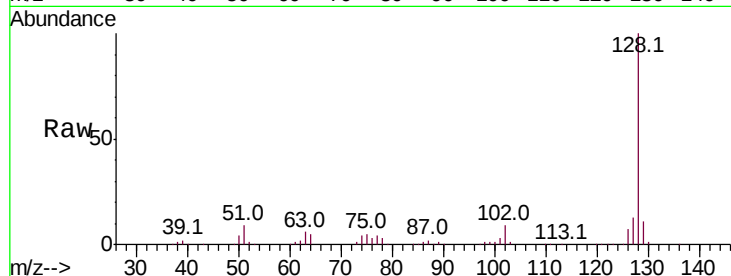
ClientSampleId :

PB114763BSD

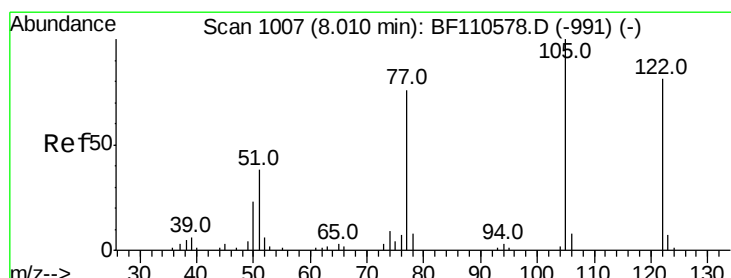
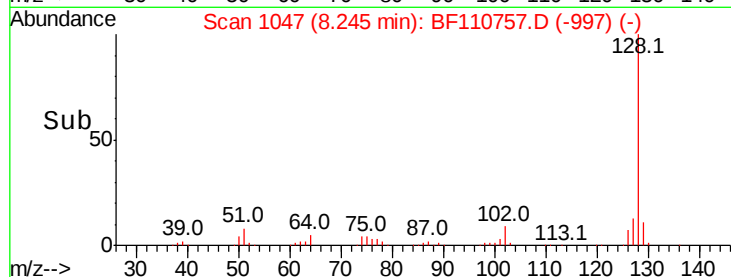
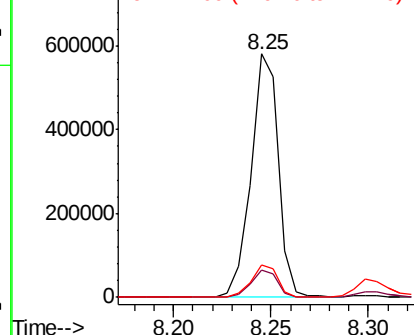
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	8.8	13.2	
127	13.2	10.8	16.2	

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



#32

Benzoic acid

Concen: 30.550 ng

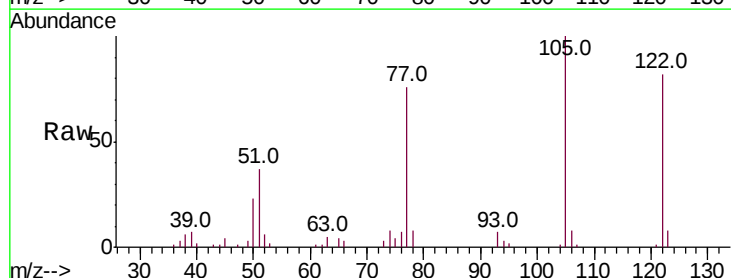
RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

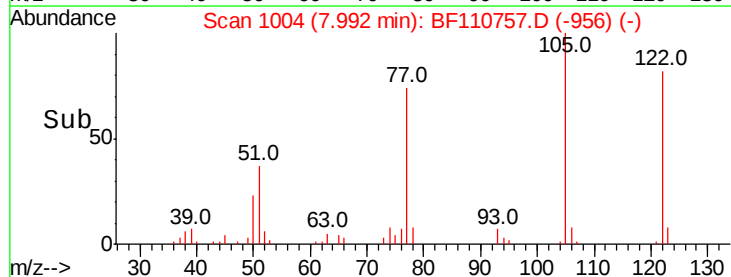
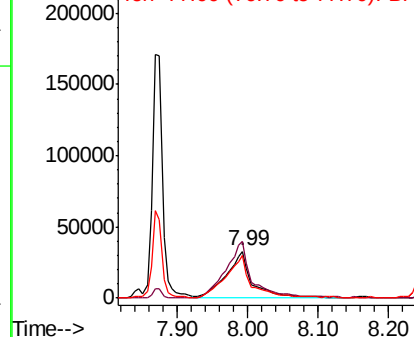
Lab File: BF110757.D

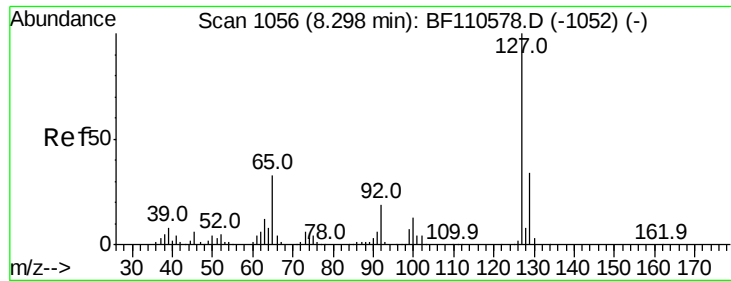
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.1	109.0	149.0	
77	92.5	79.0	119.0	



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





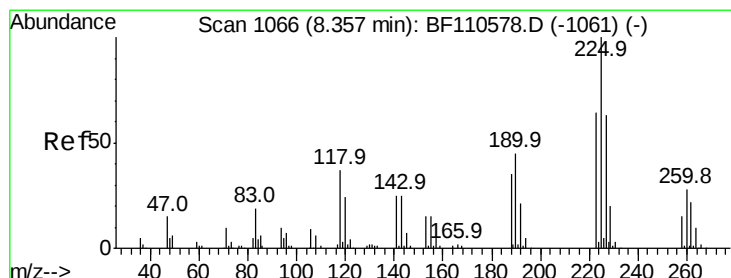
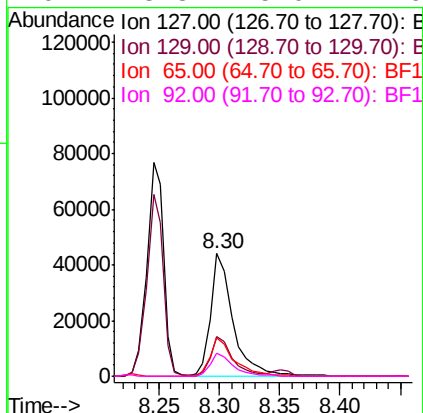
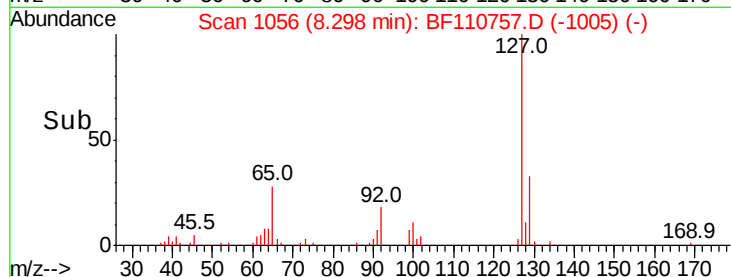
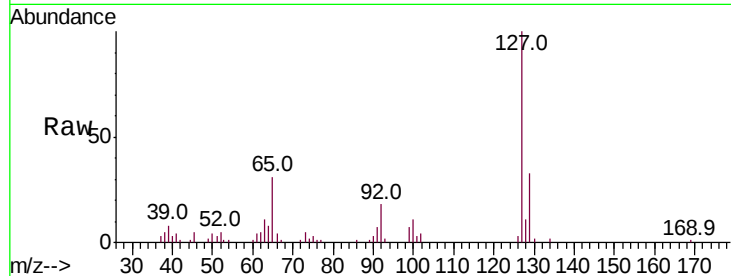
#33
4-Chloroaniline
Concen: 9.364 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	31.2	25.1	37.7
92	18.3	15.0	22.6

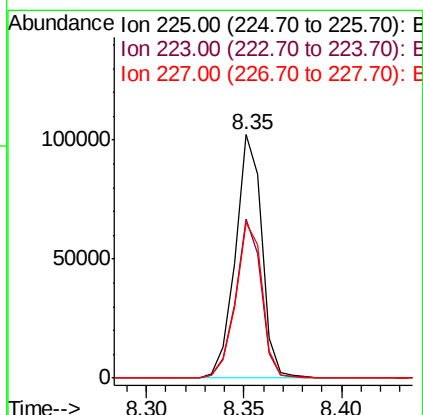
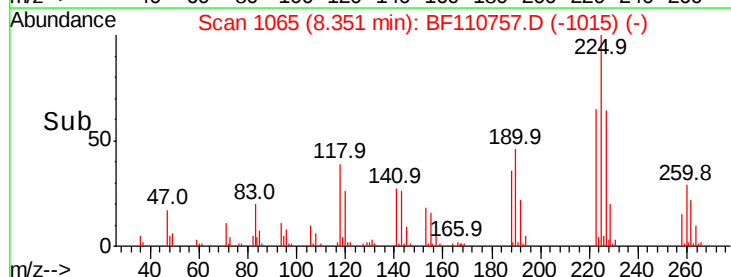
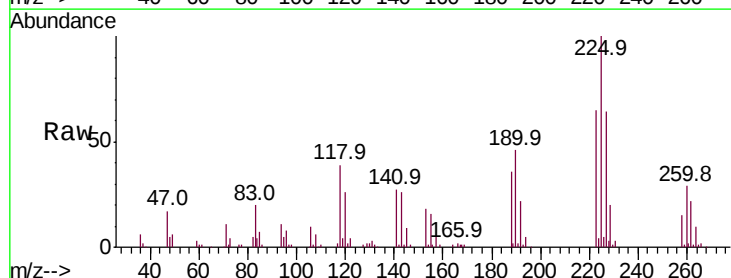
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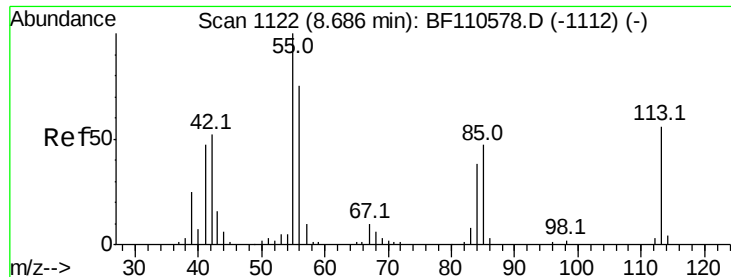
Sohil
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#34
Hexachlorobutadiene
Concen: 37.506 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.2	51.4	77.2
227	63.6	51.0	76.6





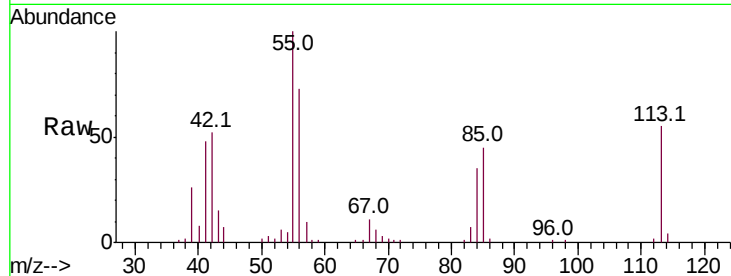
#35
 Caprolactam
 Concen: 40.289 ng/ml
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Instrument :
 BNA_F
 ClientSampleId :
 PB114763BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.2	142.8	182.8
56	131.5	105.0	145.0

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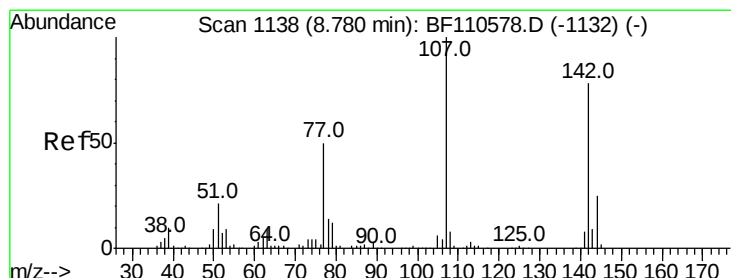
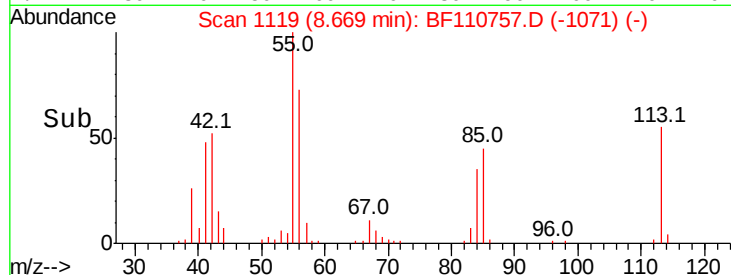
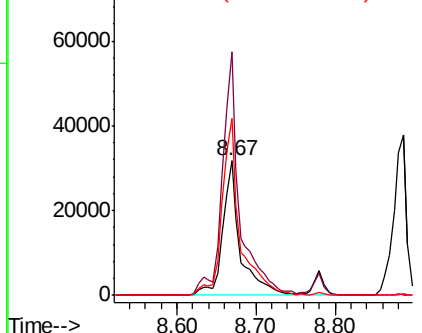


Abundance

Ion 113.00 (112.70 to 113.70): E

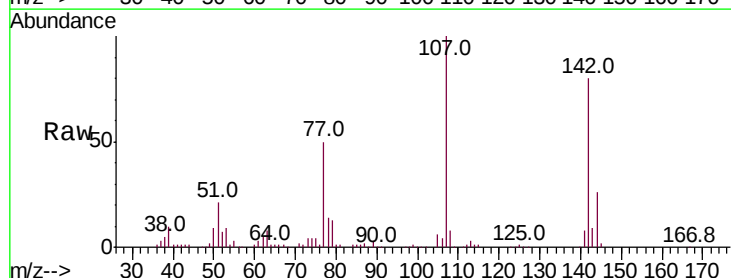
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 38.004 ng/ml
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.0	30.0
142	80.0	59.7	89.5

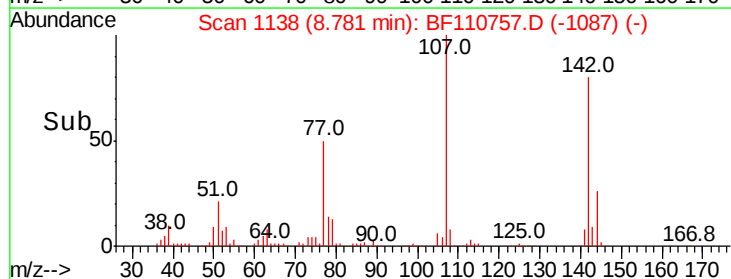
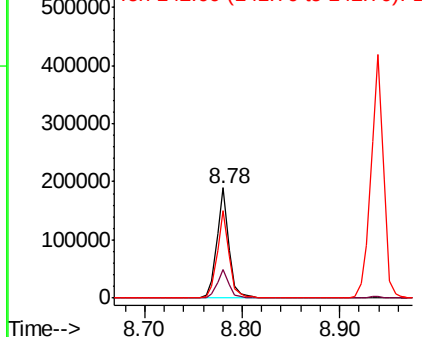


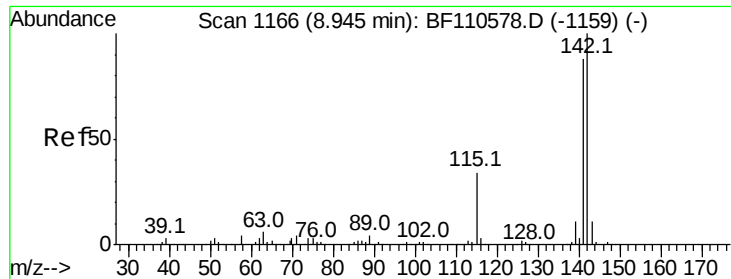
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





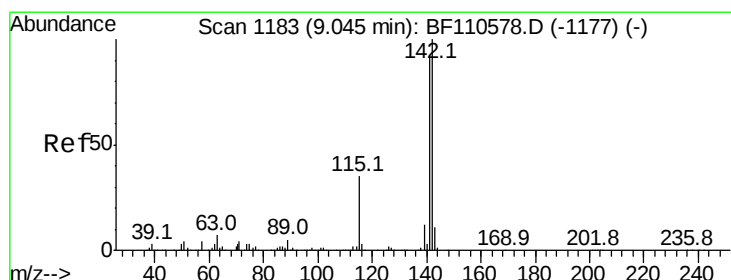
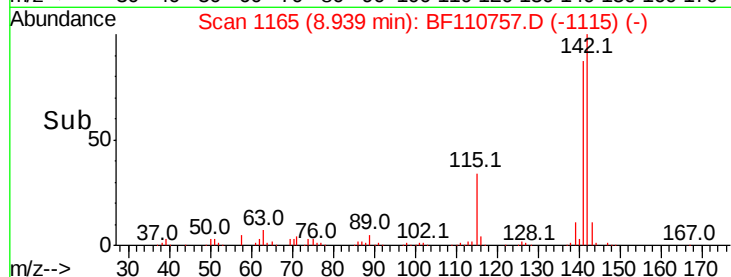
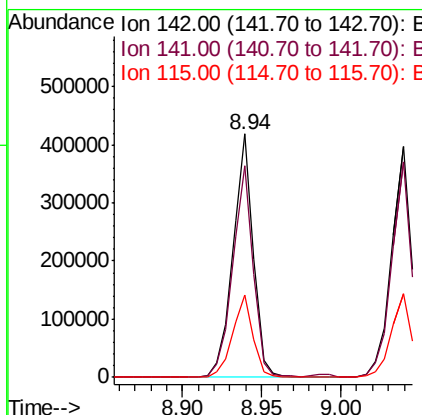
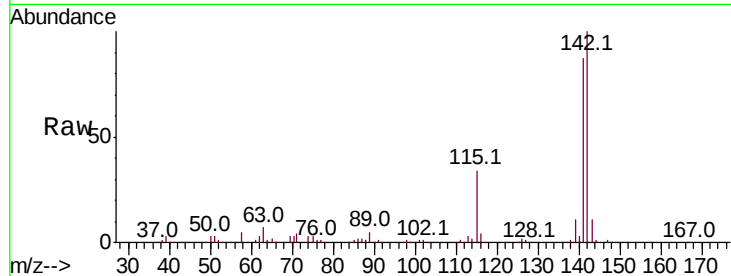
#37
2-Methylnaphthalene
Concen: 42.184 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	371252		
141	87.1	71.4	107.2	
115	33.9	28.7	43.1	

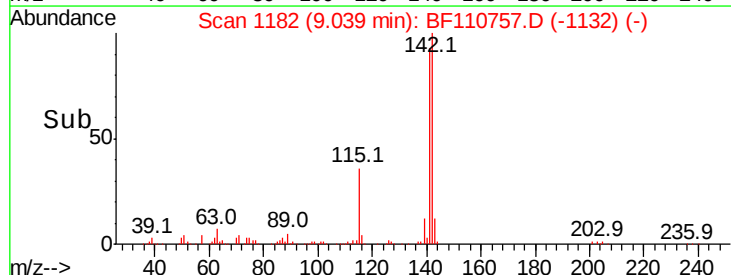
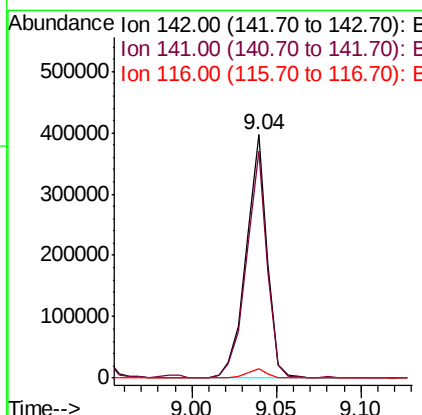
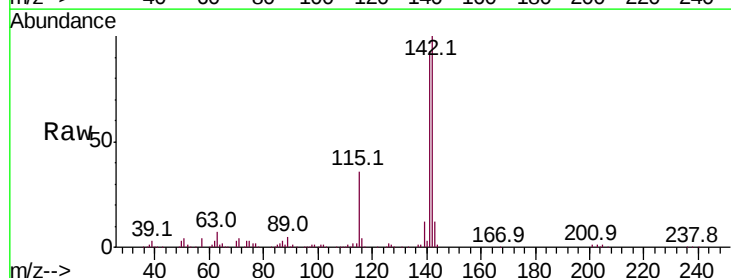
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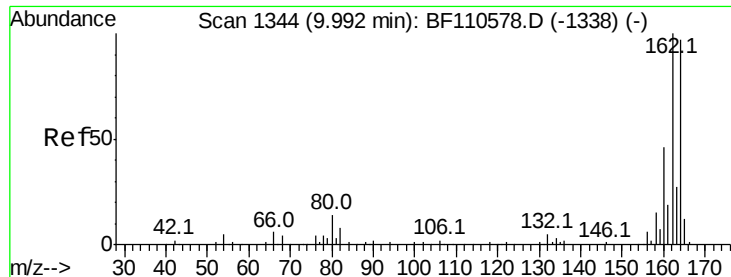
Sohil
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#38
1-Methylnaphthalene
Concen: 40.553 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	343235		
141	93.3	74.2	111.4	
116	3.7	2.6	4.0	





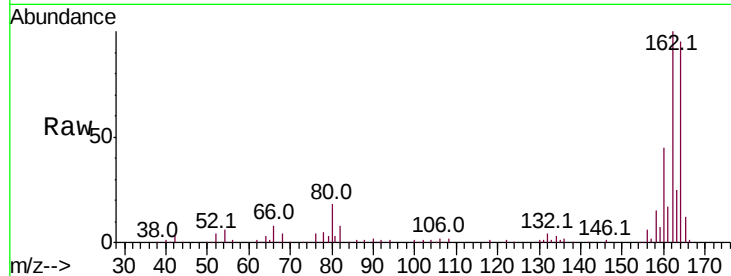
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.0	83.0	124.6	
160	47.6	37.0	55.6	

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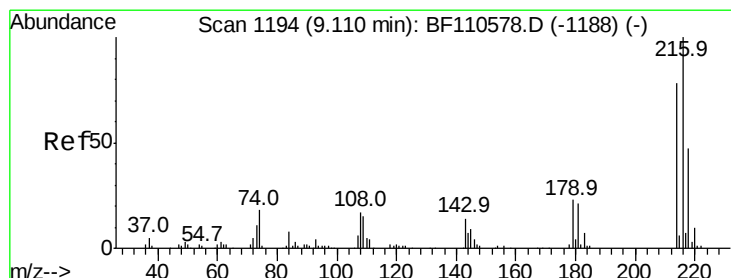
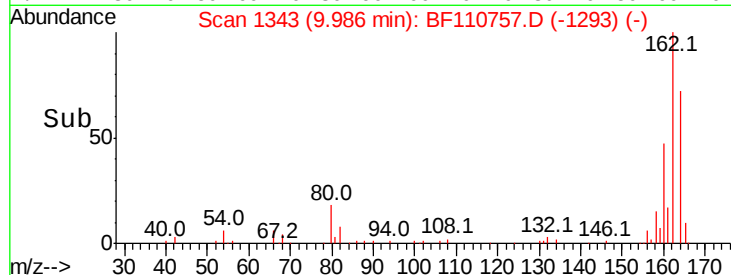
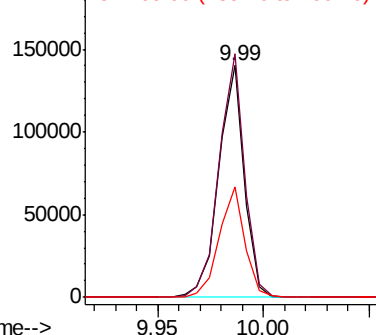


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.256 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.6	63.8	95.6	
179	22.2	16.6	25.0	
108	17.8	15.1	22.7	

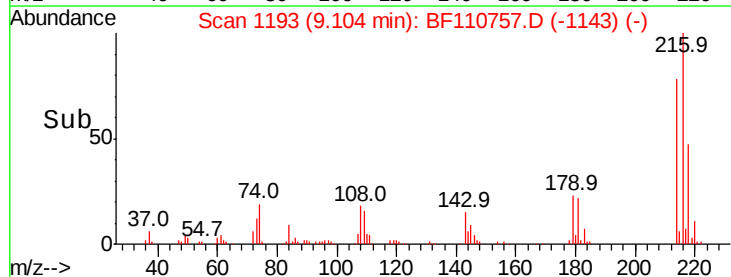
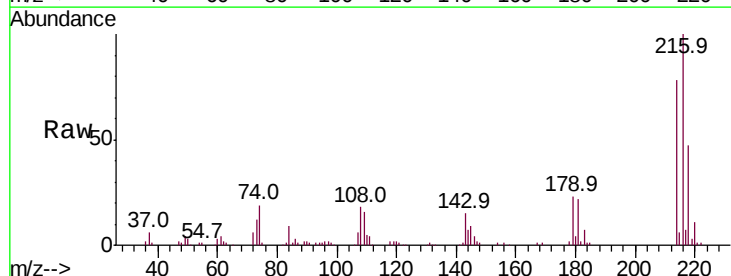
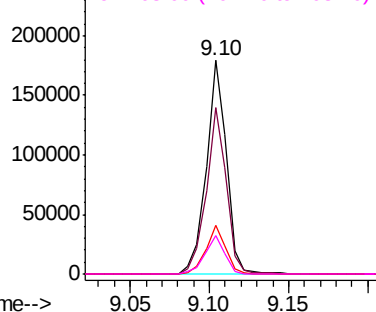
Abundance

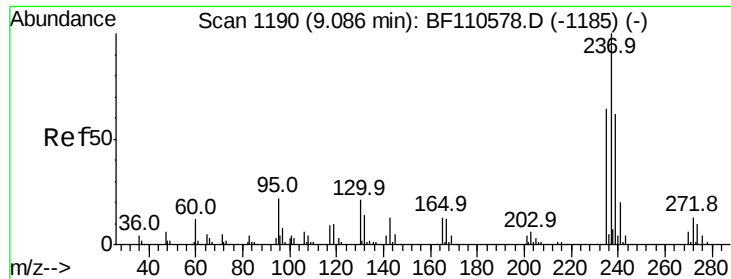
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 13.736 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Instrument :

BNA_F

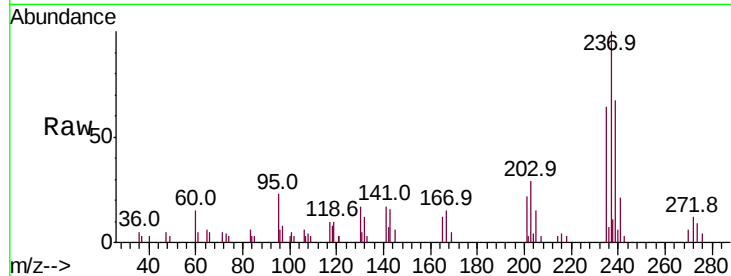
ClientSampleId :

PB114763BSD

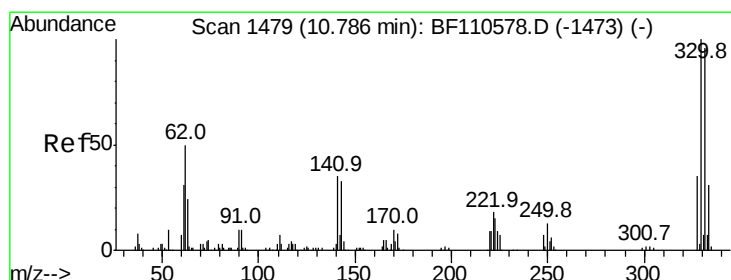
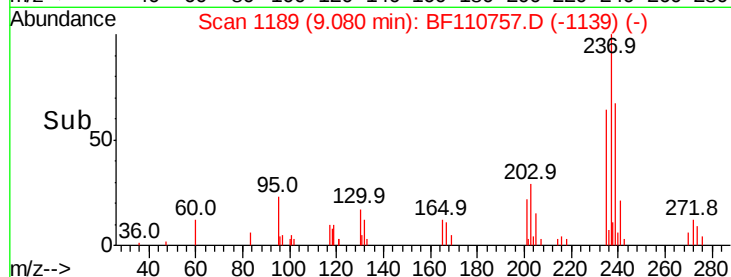
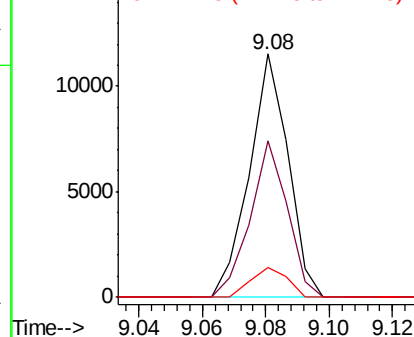
Tot Ion:	237	Resp:	9800
Ion Ratio	Lower	Upper	
237	100		
235	64.2	43.1	83.1
272	12.4	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 73.687 ng

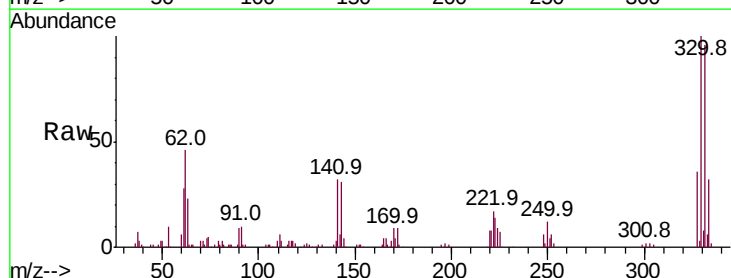
RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

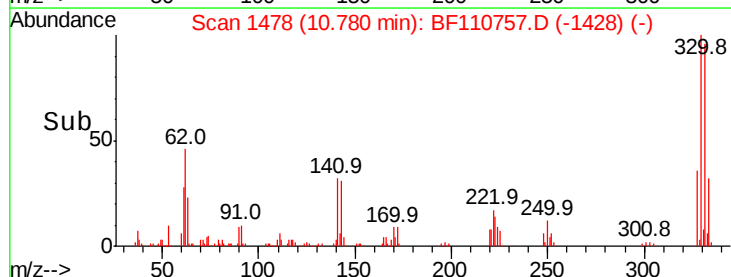
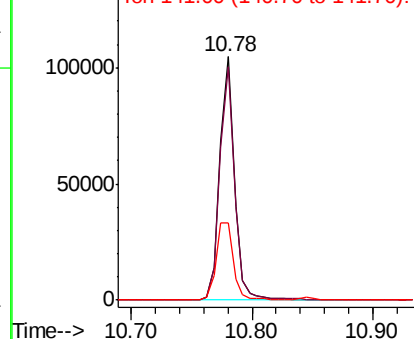
Lab File: BF110757.D

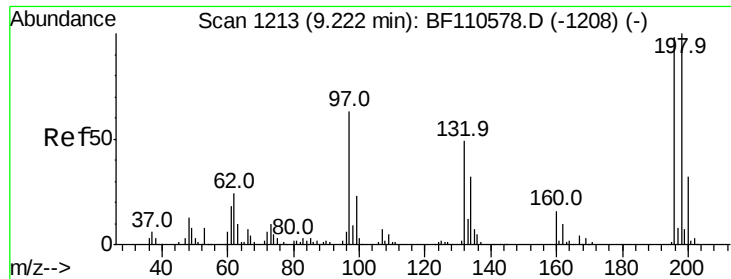
Acq: 14 Nov 2018 9:13

Tgt Ion:	330	Resp:	87273
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.1	115.7
141	37.2	27.0	40.4



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





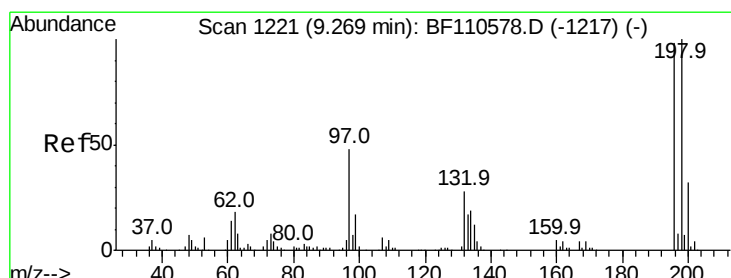
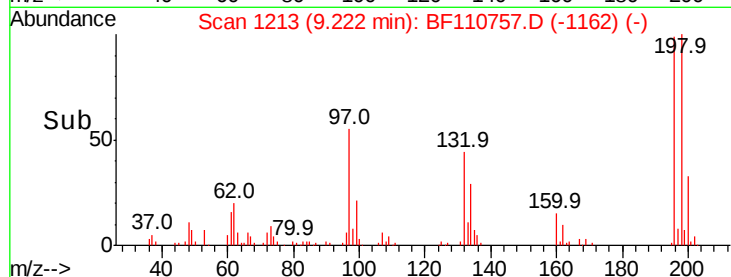
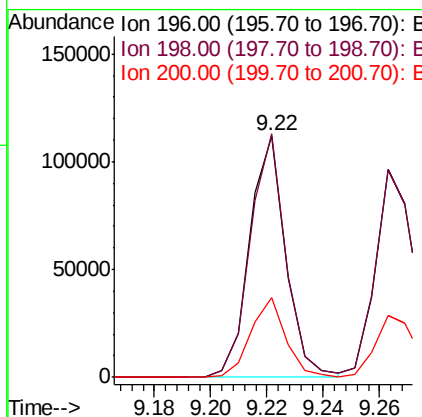
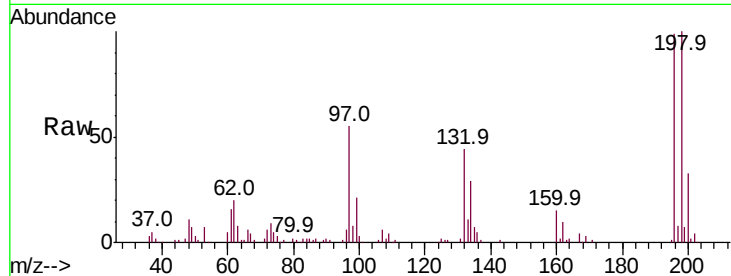
#43
 2,4,6-Trichlorophenol
 Concen: 42.519 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Instrument :
 BNA_F
 ClientSampleId :
 PB114763BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.8	76.2	114.4	
200	33.2	24.4	36.6	

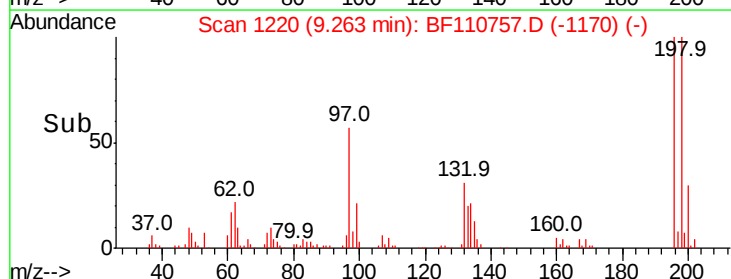
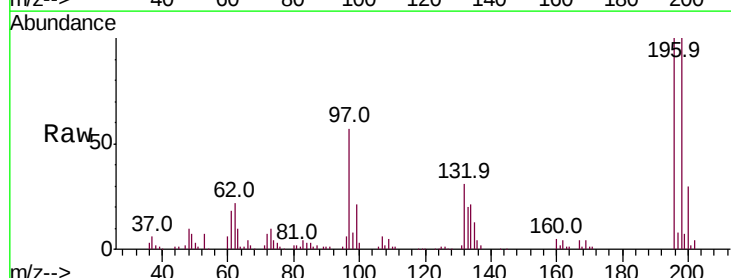
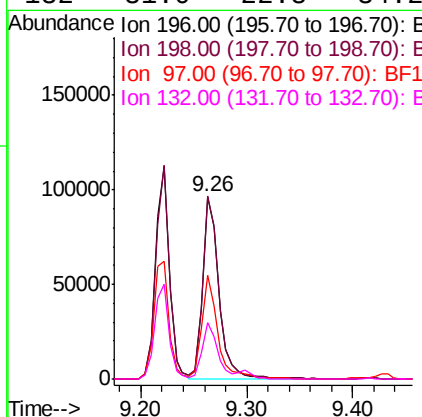
Manual Integrations
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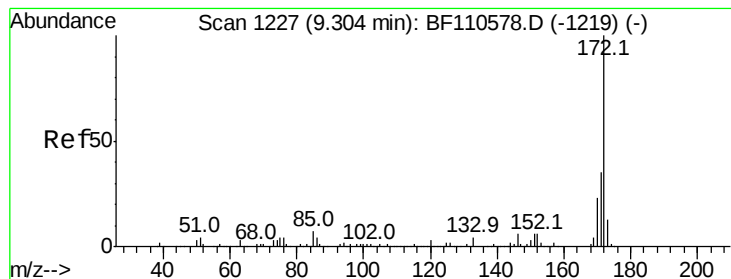
Sohil
 11/14/2018 1:52:33 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.276 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.1	75.8	113.6	
97	57.0	42.4	63.6	
132	31.0	22.8	34.2	





#45

2-Fluorobiphenyl

Concen: 94.853 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Instrument :

BNA_F

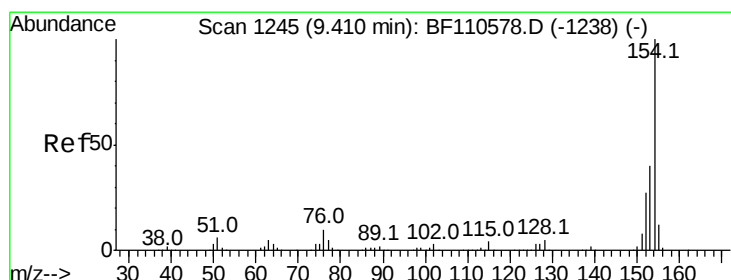
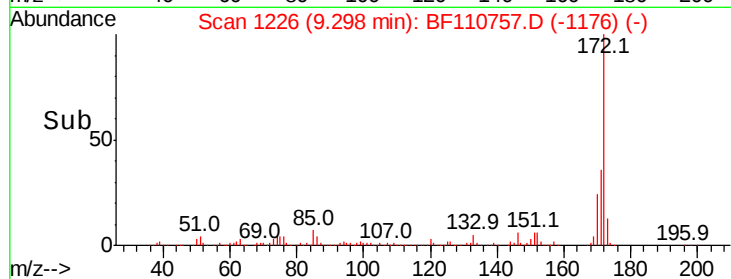
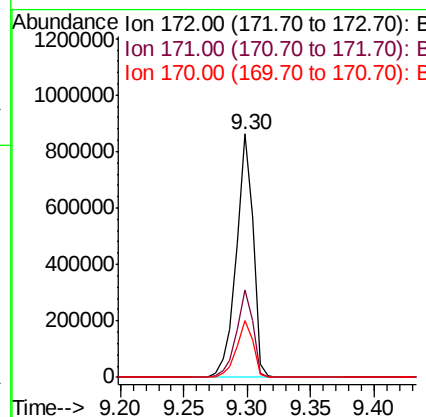
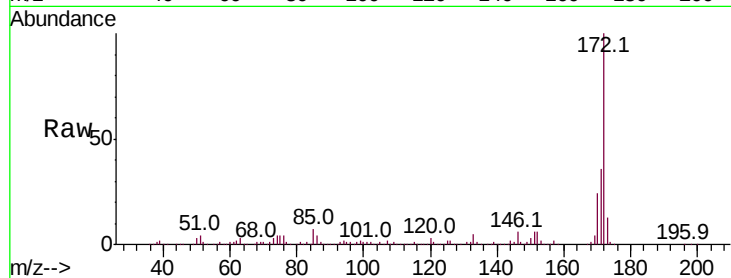
ClientSampleId :

PB114763BSD

Tot Ion:	172	Resp:	780660
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.6	43.0
170	23.5	19.7	29.5

Manual Integrations
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#46

1,1'-Biphenyl

Concen: 40.264 ng

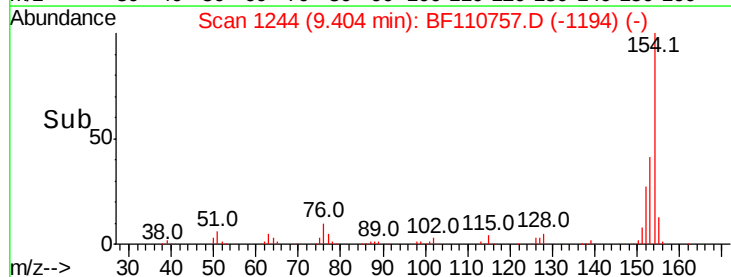
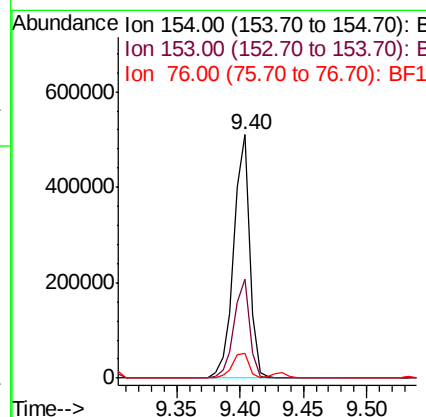
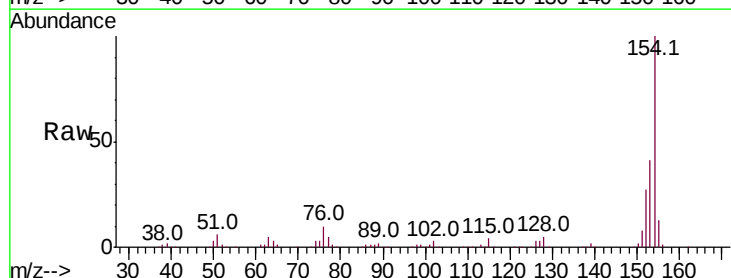
RT: 9.40 min Scan# 1244

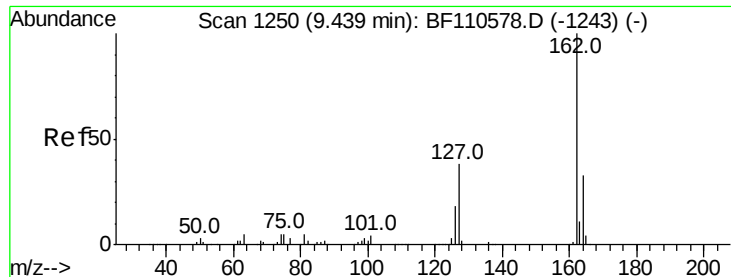
Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Tgt Ion:	154	Resp:	441491
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.4	60.4
76	10.3	0.0	31.9





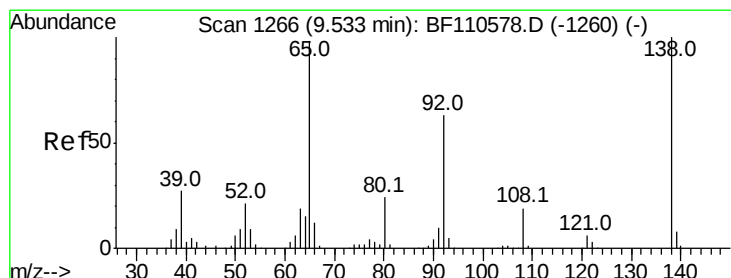
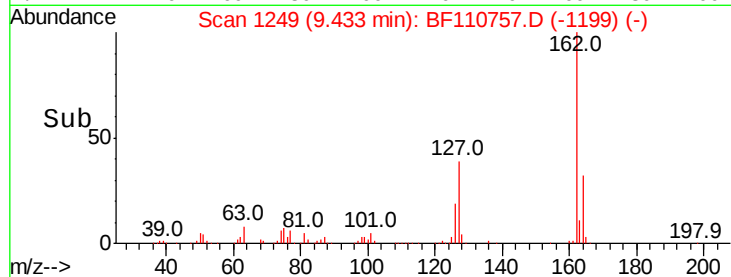
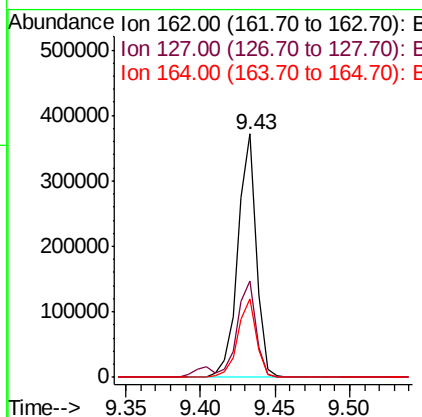
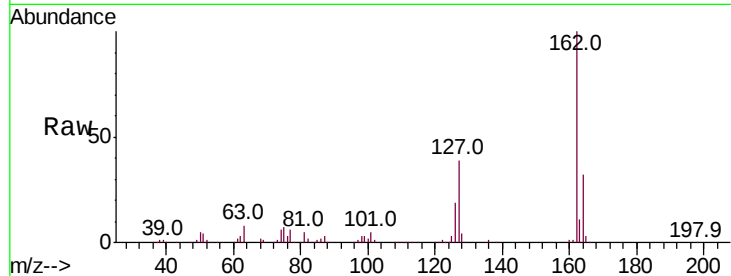
#47
2-Chloronaphthalene
Concen: 40.875 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.4	32.6	48.8
164	32.3	25.9	38.9

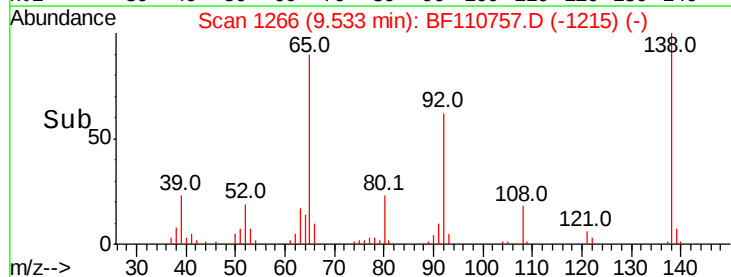
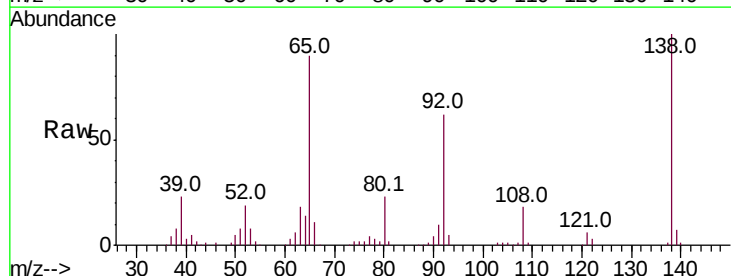
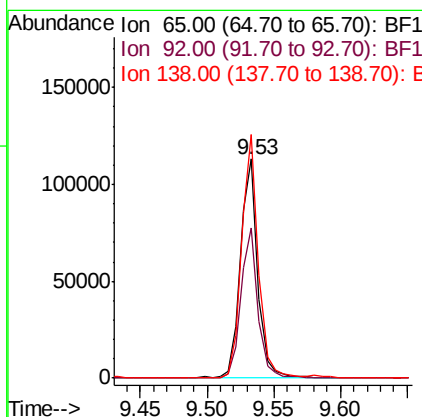
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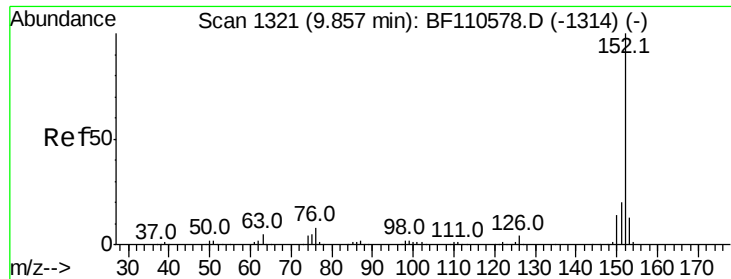
Sohil
11/14/2018 1:52:33 PM



#48
2-Nitroaniline
Concen: 41.898 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	68.7	54.6	81.8
138	111.3	80.3	120.5





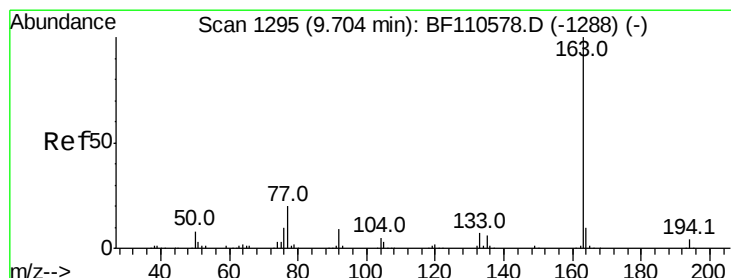
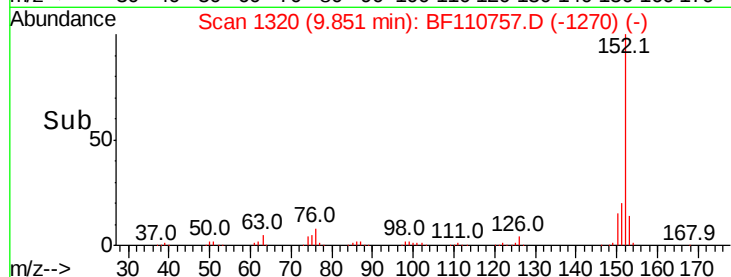
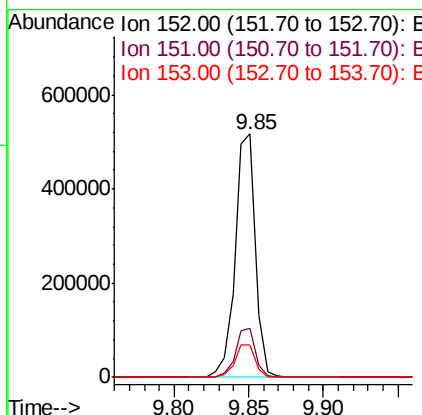
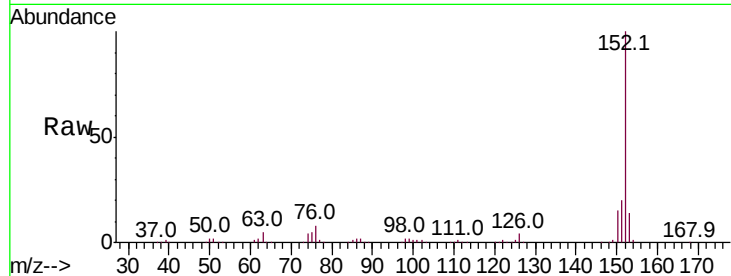
#49
Acenaphthylene
Concen: 43.164 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.5	10.4	15.6

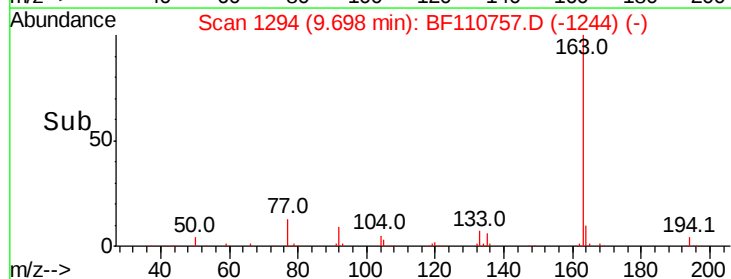
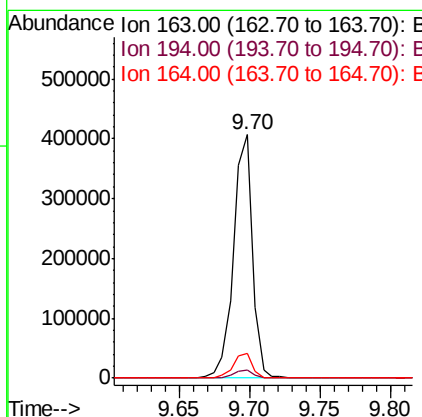
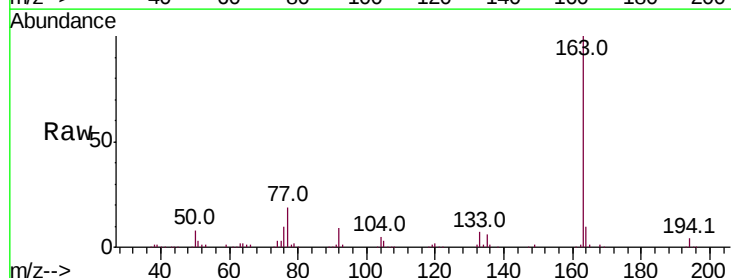
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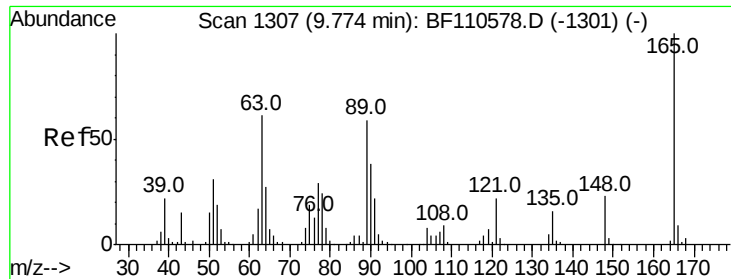
Sohil
11/14/2018 1:52:33 PM



#50
Dimethylphthalate
Concen: 43.428 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.0	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 39.990 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Instrument :

BNA_F

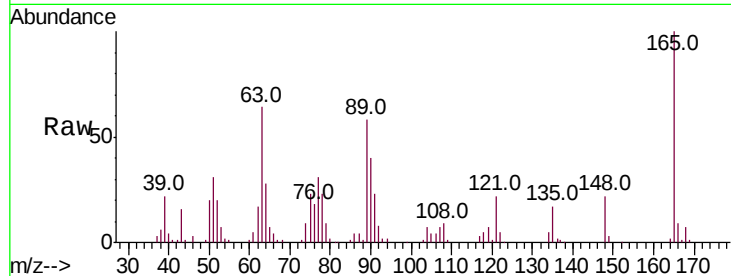
ClientSampleId :

PB114763BSD

Tot Ion:	165	Resp:	77155
Ion Ratio	Lower	Upper	
165	100		
63	64.0	48.9	73.3
89	57.8	46.6	69.8

Manual Integrations
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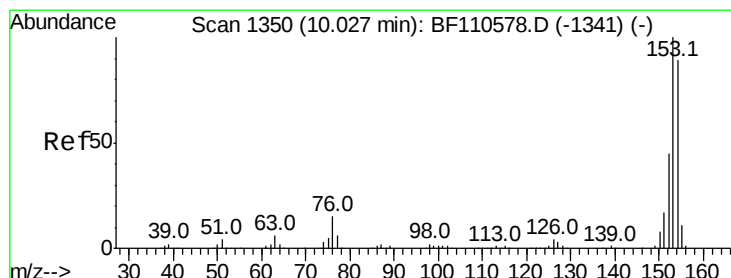
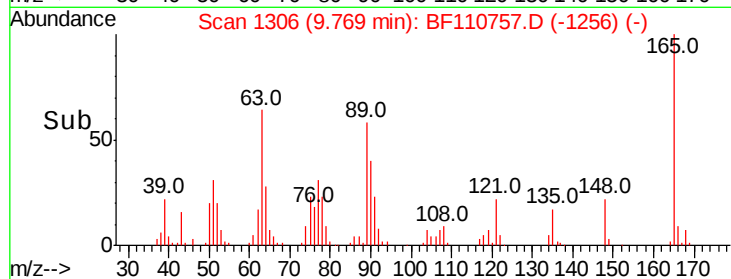
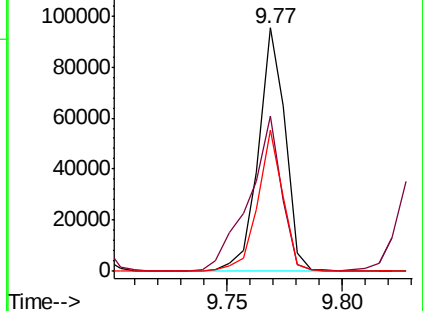
Sohil
11/14/2018 1:52:33 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.055 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.01 min

Lab File: BF110757.D

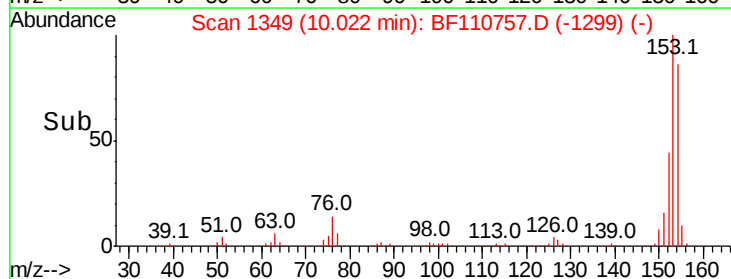
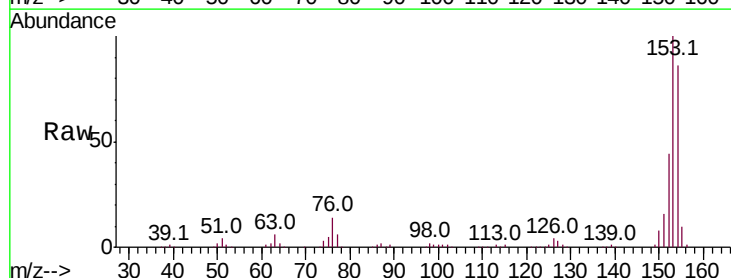
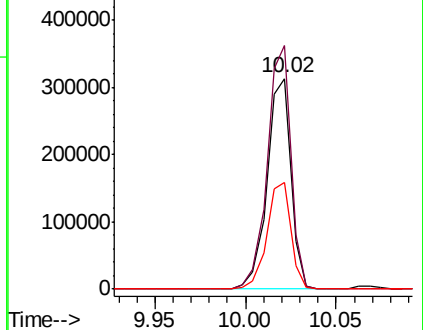
Acq: 14 Nov 2018 9:13

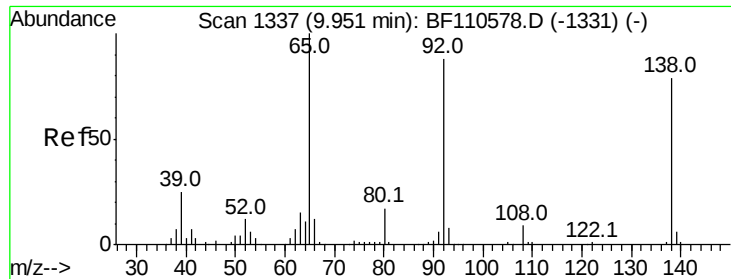
Tgt Ion:	154	Resp:	287979
Ion Ratio	Lower	Upper	
154	100		
153	115.7	90.1	135.1
152	50.6	43.4	65.2

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





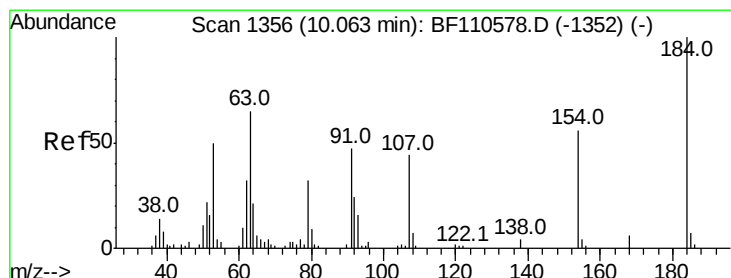
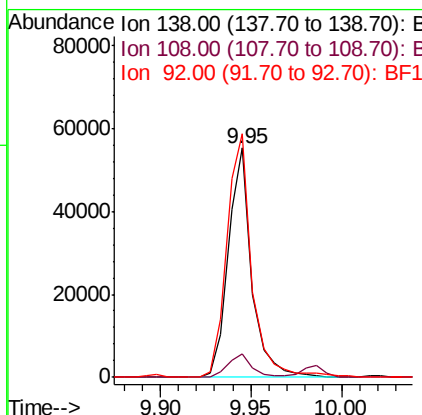
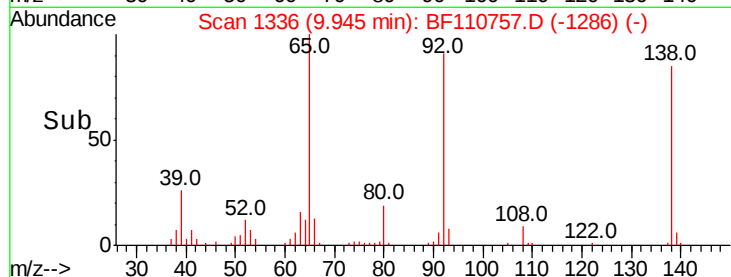
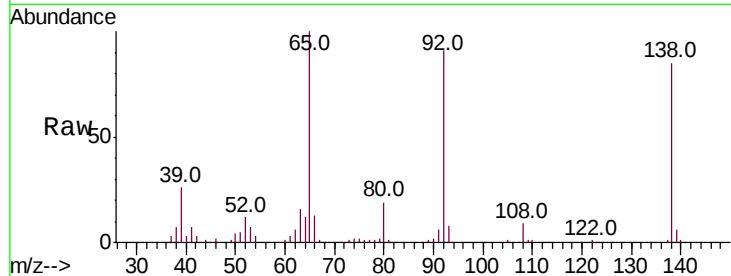
#53
3-Nitroaniline
Concen: 22.169 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.7	13.1
92	106.4	97.0	145.4

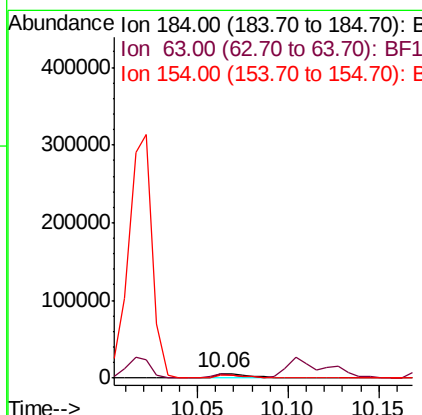
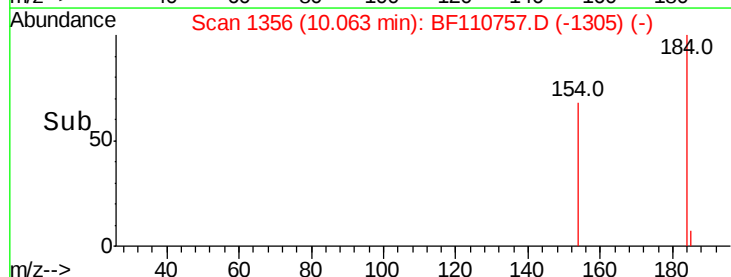
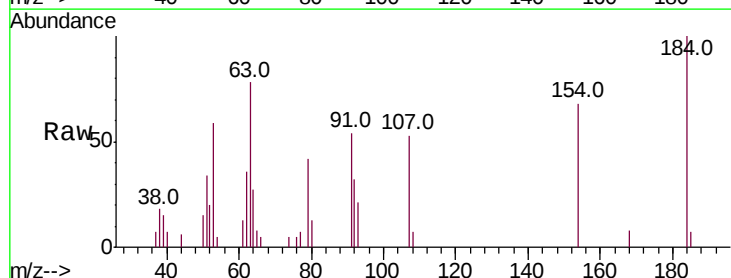
Manual Integrations
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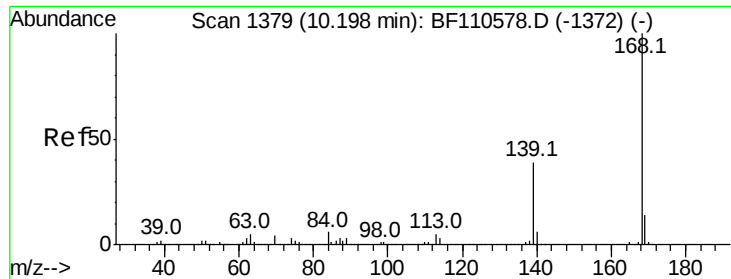
Sohil
11/14/2018 1:52:33 PM



#54
2,4-Dinitrophenol
Concen: 15.463 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.3	55.8	83.6
154	68.1	63.2	94.8





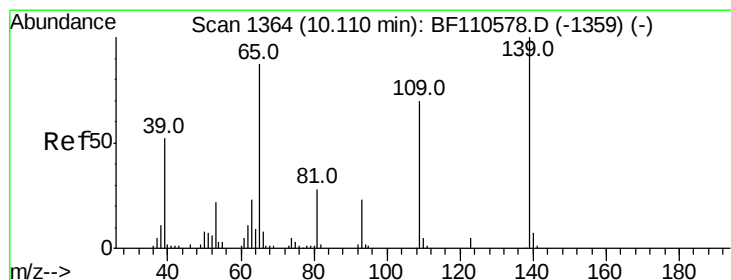
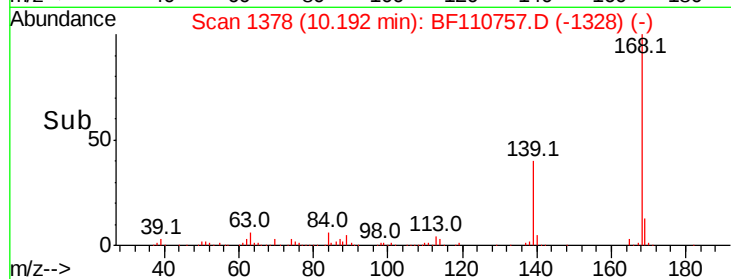
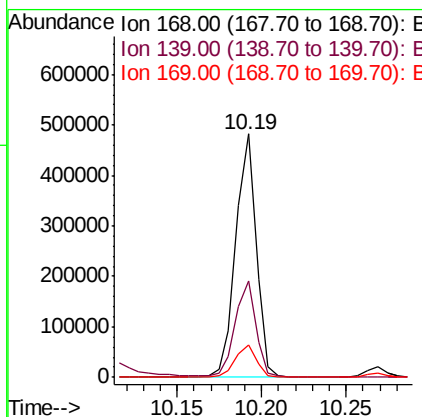
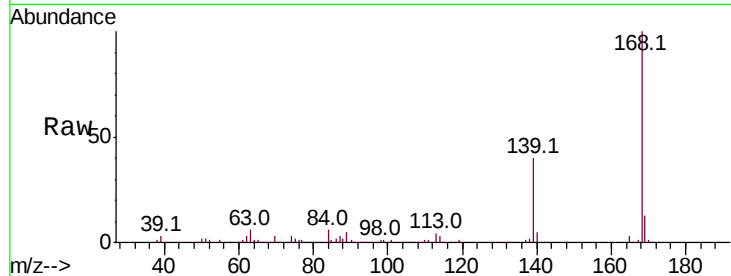
#55
Dibenzofuran
Concen: 38.868 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	33.0	49.6
169	13.4	11.3	16.9

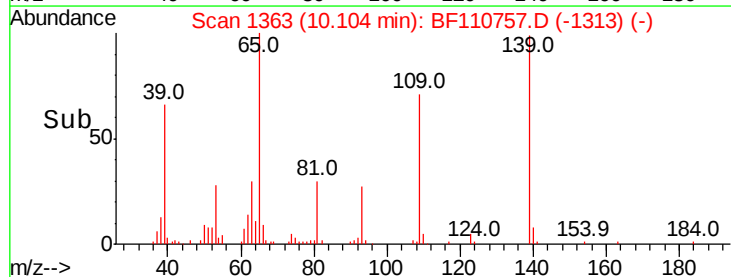
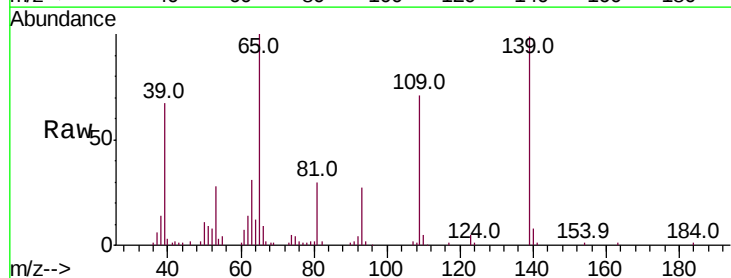
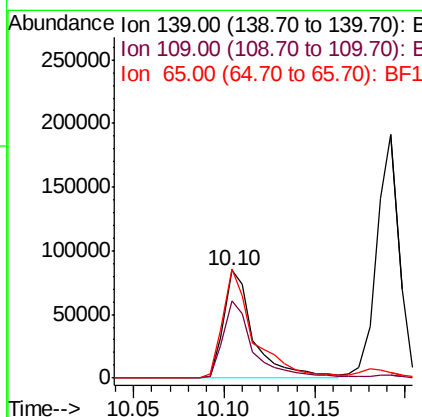
Manual Integrations
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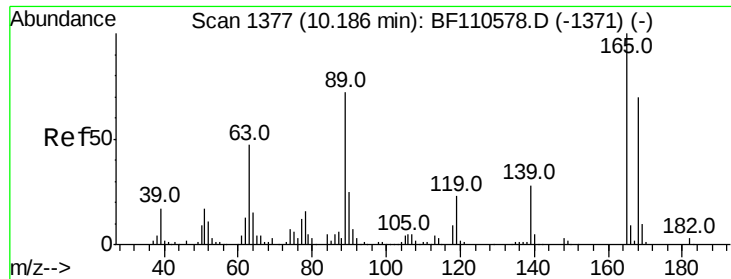
Sohil
11/14/2018 1:52:33 PM



#56
4-Nitrophenol
Concen: 66.595 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.9	55.8	95.8
65	101.1	77.9	117.9





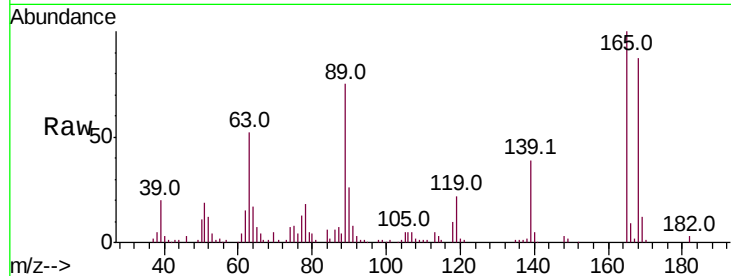
#57
2,4-Dinitrotoluene
Concen: 36.246 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

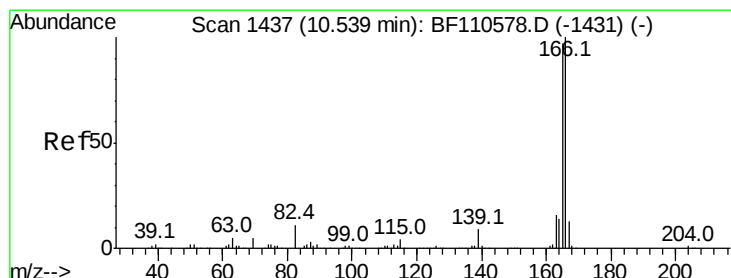
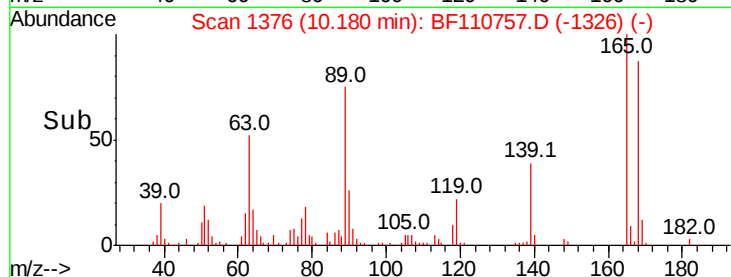
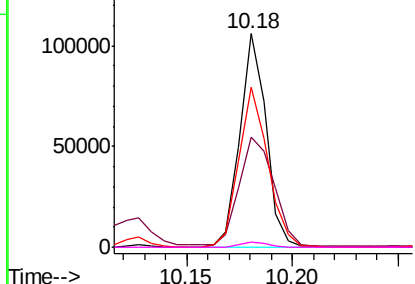
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.8	44.8	67.2	
89	74.9	62.2	93.4	
182	2.6	2.1	3.1	

Manual Integrations
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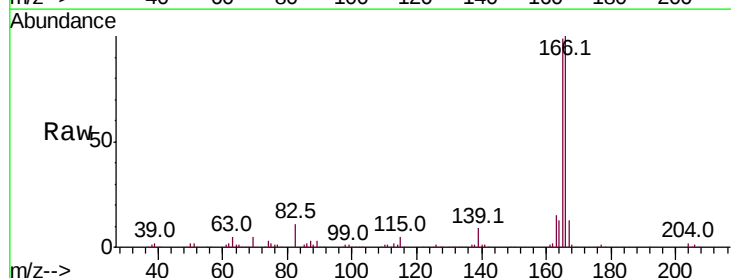


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

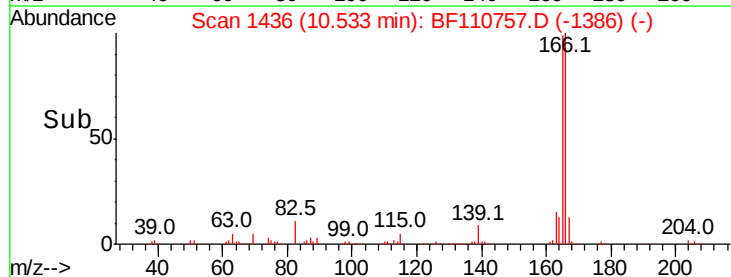
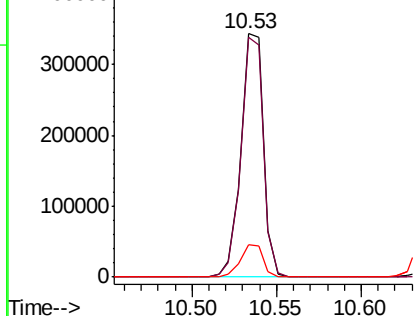


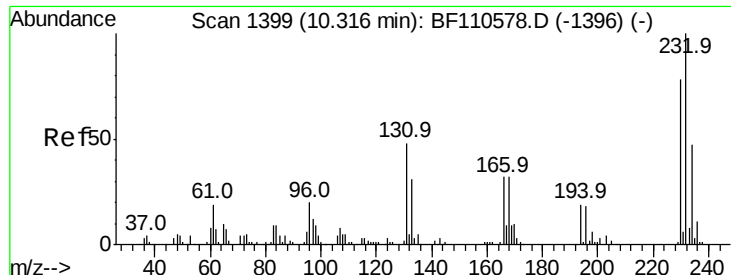
#58
Fluorene
Concen: 39.619 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.7	78.6	117.8	
167	13.1	10.8	16.2	



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





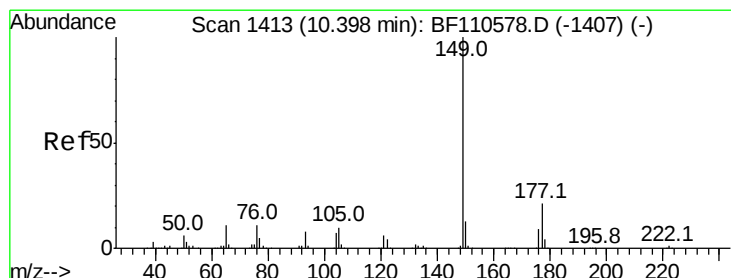
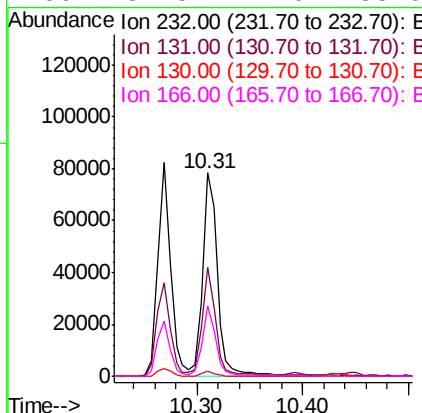
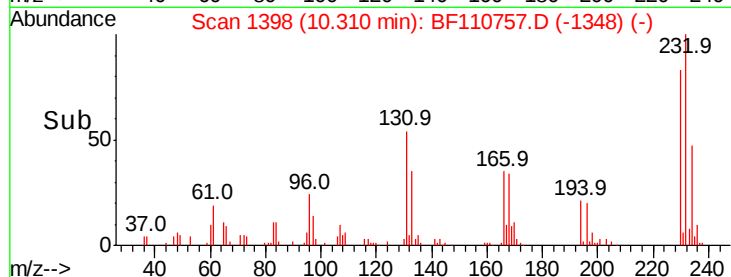
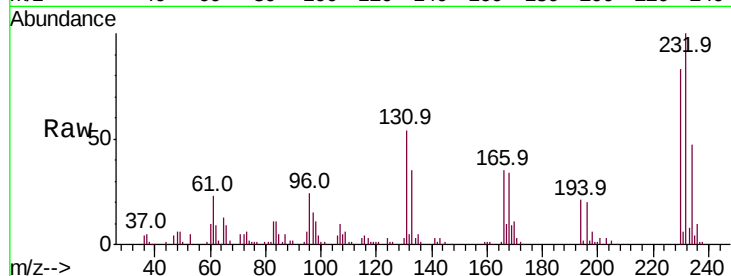
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.116 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Instrument :
 BNA_F
 ClientSampleId :
 PB114763BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.5	37.0	55.4
130	2.1	1.8	2.6
166	31.5	22.0	33.0

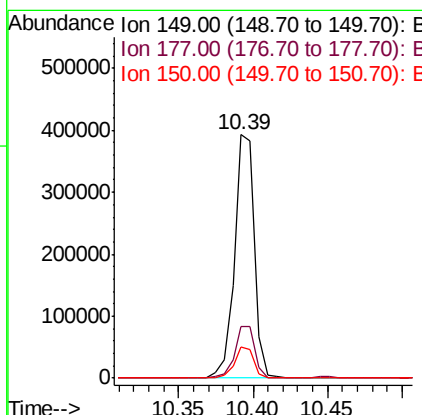
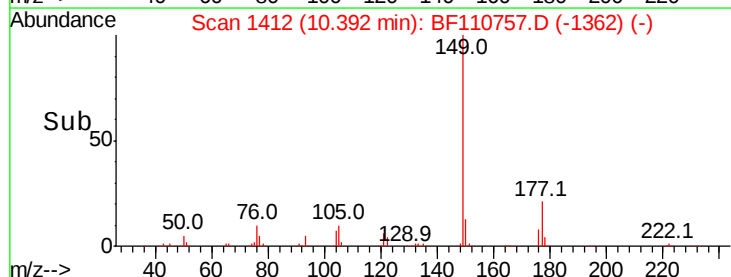
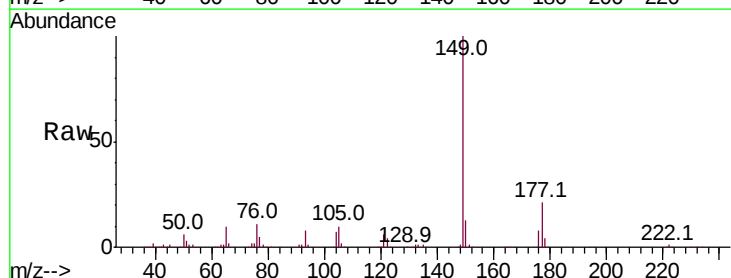
Manual Integrations
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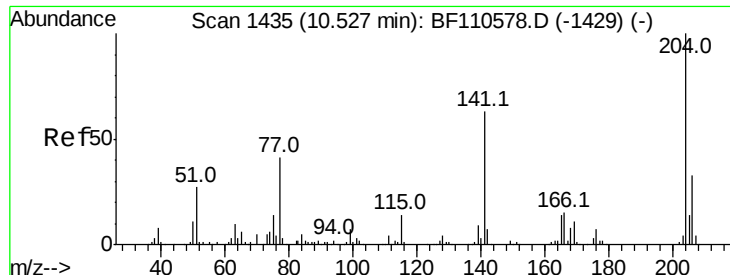
Sohil
 11/14/2018 1:52:33 PM



#60
 Diethylphthalate
 Concen: 42.412 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	17.4	26.2
150	12.6	9.8	14.8





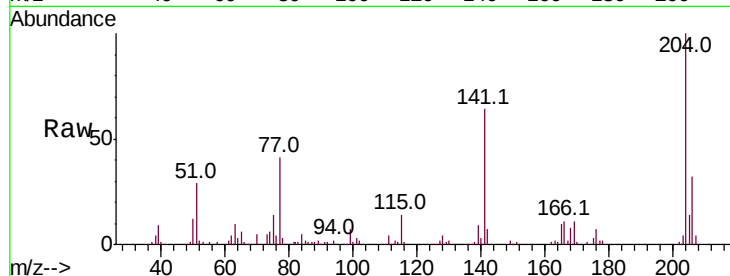
#61
4-Chlorophenyl-phenylether
Concen: 37.845 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	32.4	26.5	39.7
141	63.7	51.8	77.8

Manual Integrations
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Sohil
11/14/2018 1:52:33 PM

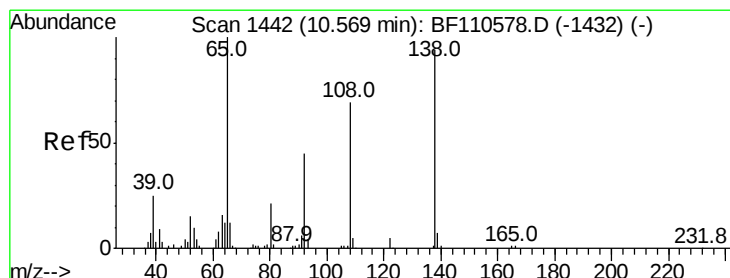
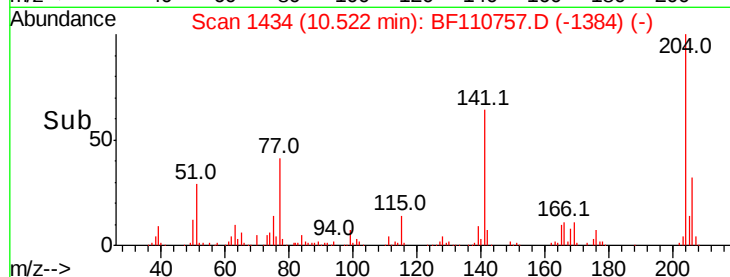
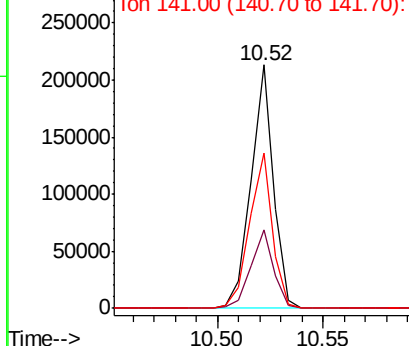


Abundance

Ion 204.00 (203.70 to 204.70): E

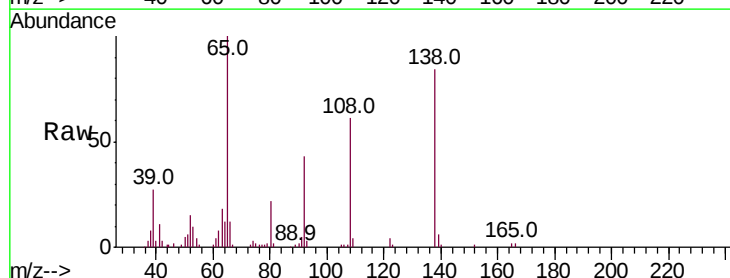
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 30.473 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	51.0	31.7	71.7
108	73.2	59.3	99.3

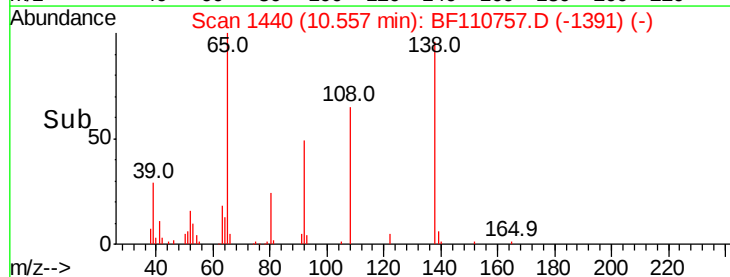
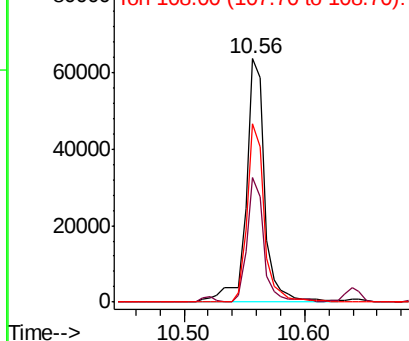


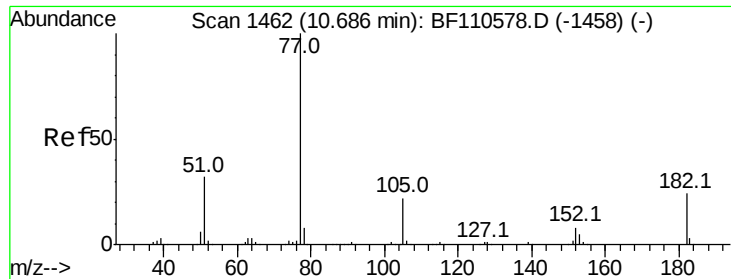
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





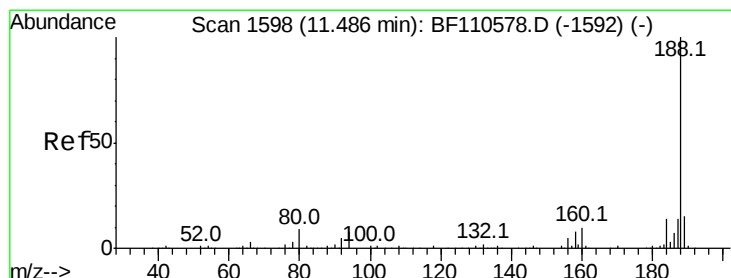
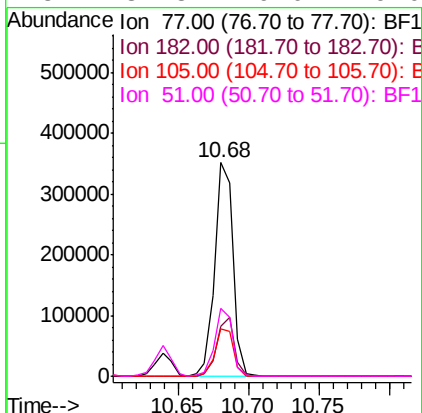
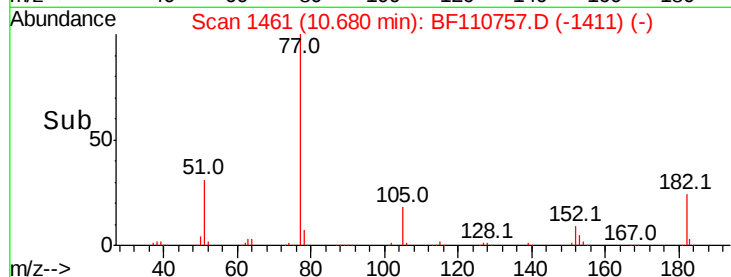
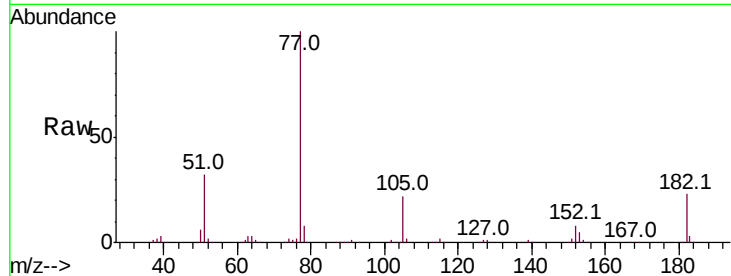
#63
Azobenzene
Concen: 37.453 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.5	4.3	44.3
105	22.0	1.3	41.3
51	31.8	9.0	49.0

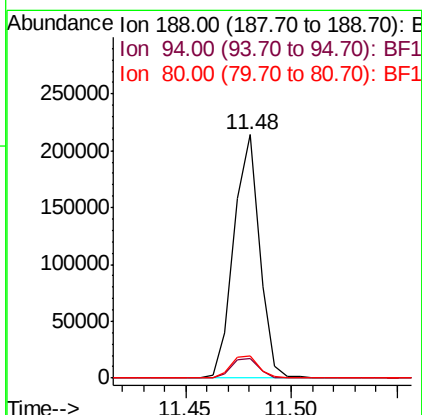
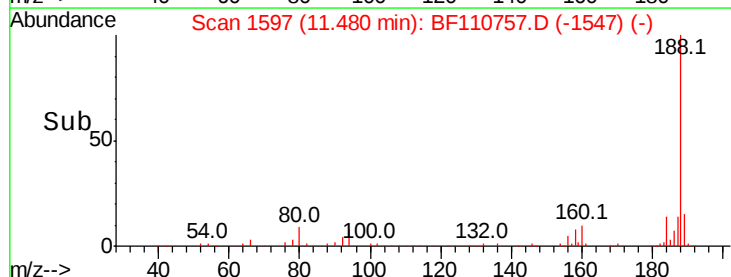
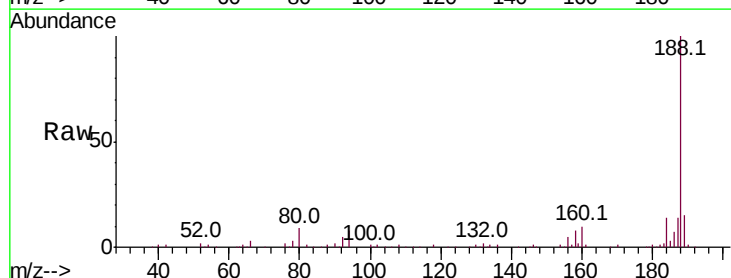
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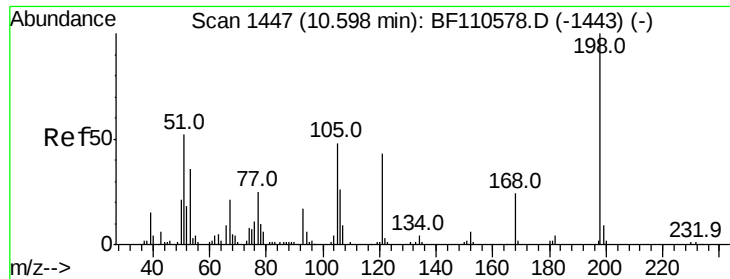
Sohil
11/14/2018 1:52:33 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	9.1	7.9	11.9





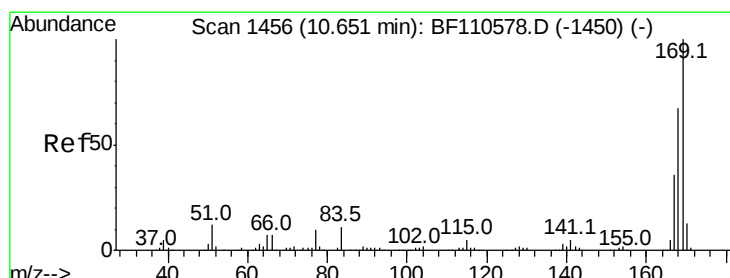
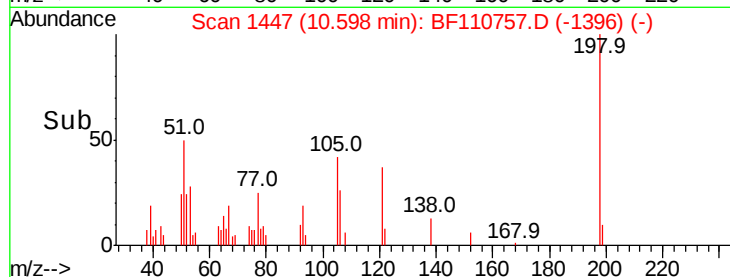
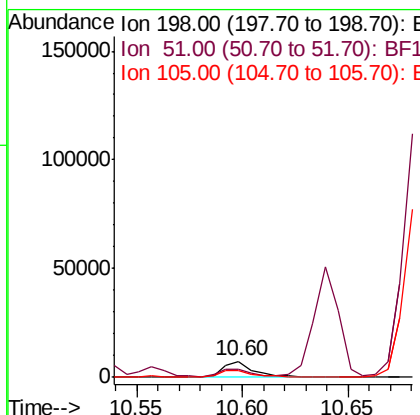
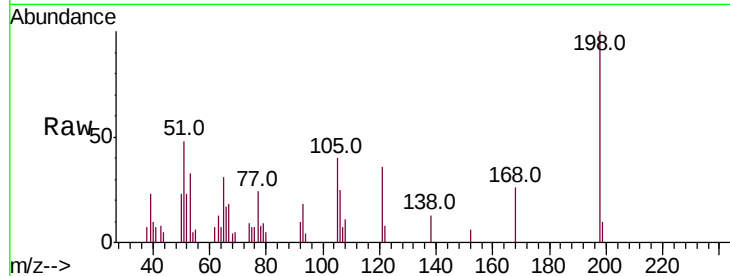
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.292 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Instrument :
 BNA_F
 ClientSampleId :
 PB114763BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.5	22.8	62.8
105	40.5	23.6	63.6

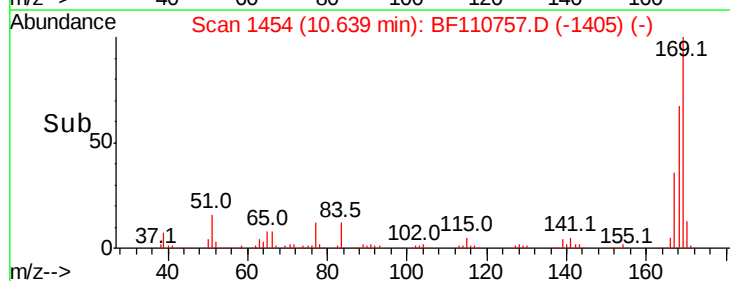
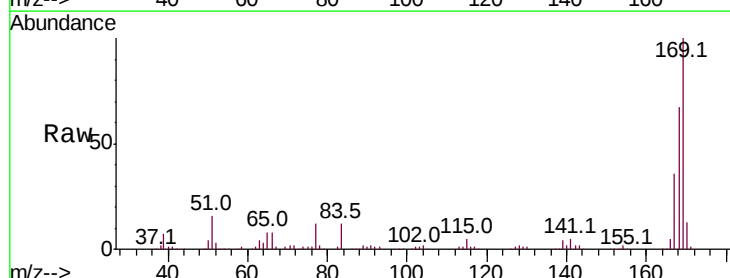
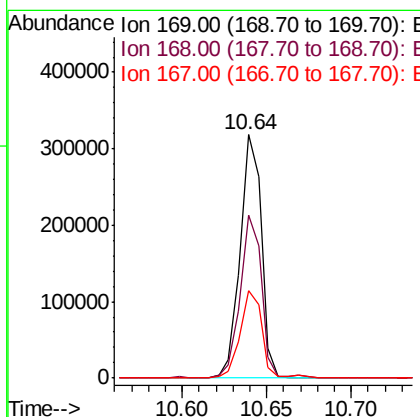
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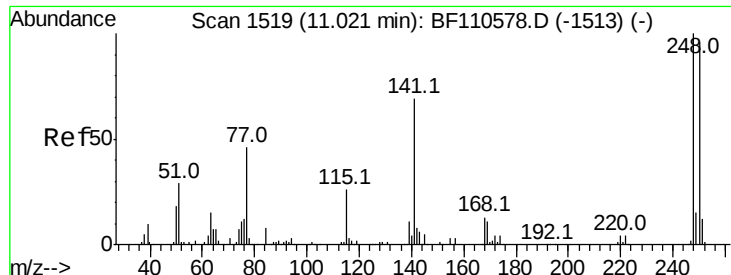
Sohil
 11/14/2018 1:52:33 PM



#66
 n-Nitrosodiphenylamine
 Concen: 45.999 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	51.2	76.8
167	35.7	27.8	41.6





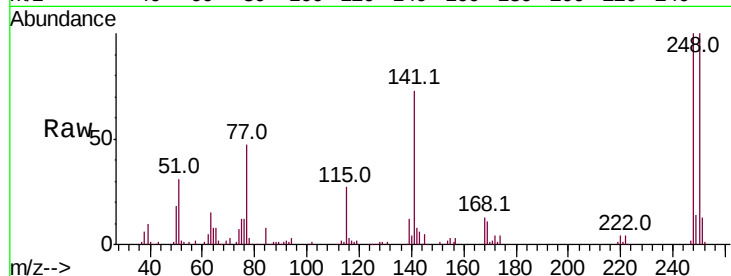
#67
4-Bromophenyl-phenylether
Concen: 42.505 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.3	79.4	119.2
141	73.6	55.9	83.9

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11/14/2018 1:52:33 PM

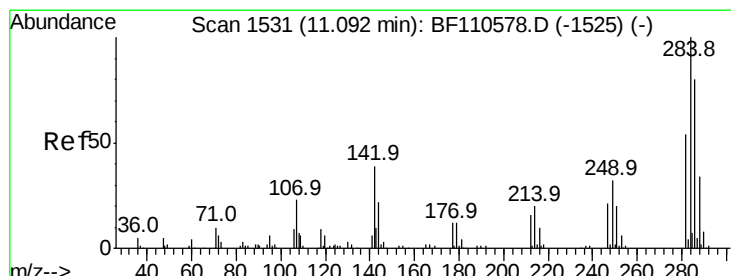
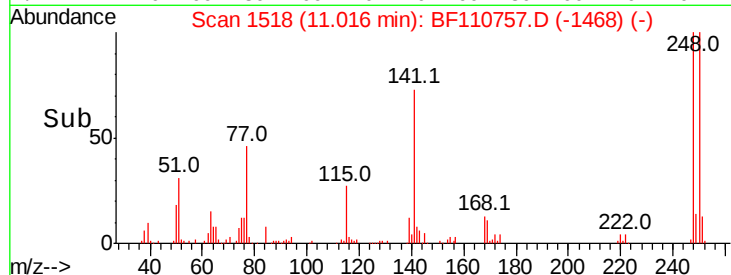
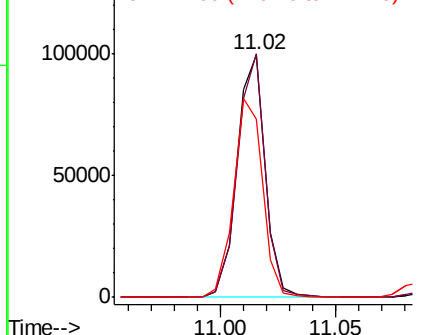


Abundance

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



#68
Hexachlorobenzene
Concen: 40.701 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

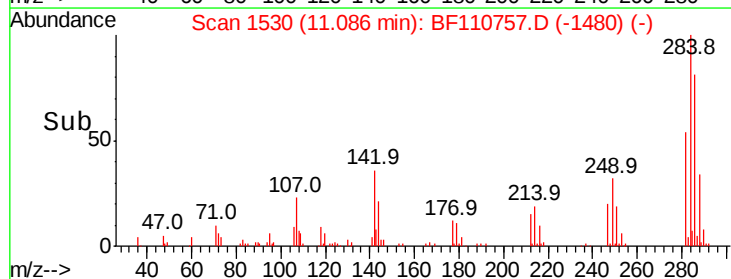
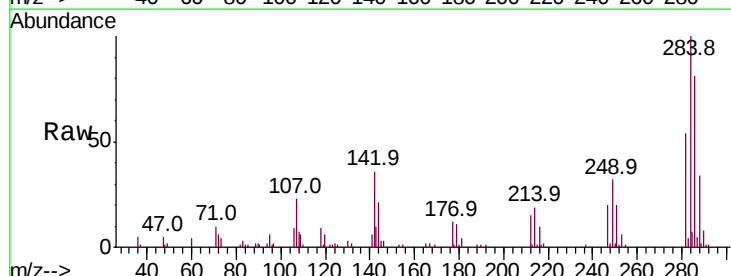
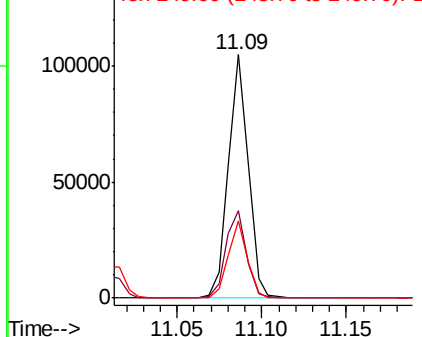
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.2	23.9	35.9#
249	31.5	24.2	36.2

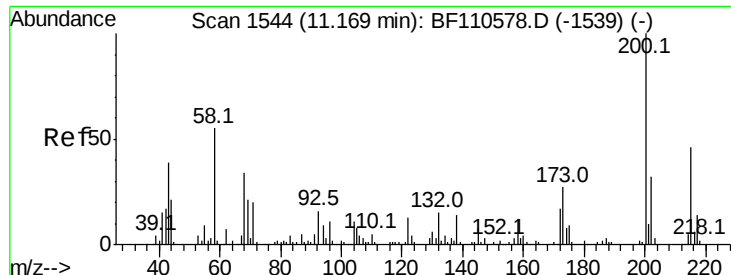
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





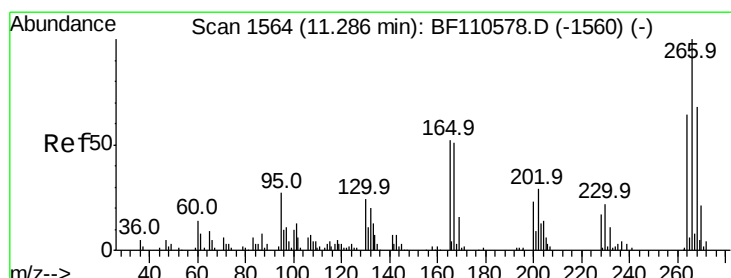
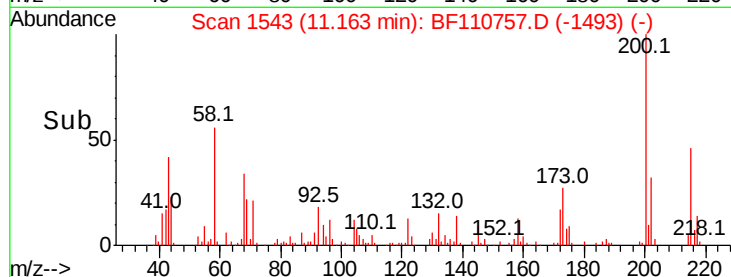
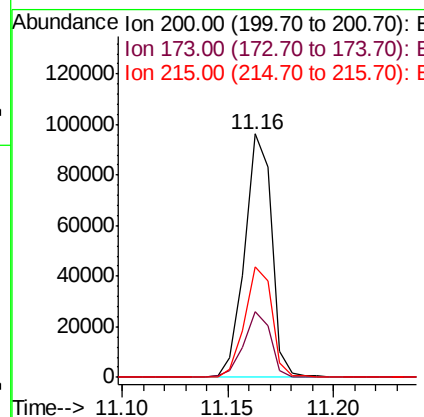
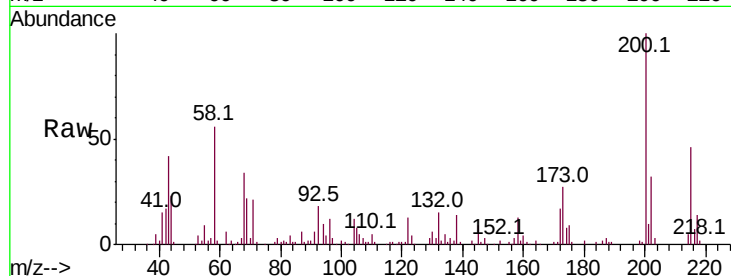
#69
Atrazine
Concen: 45.931 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.6	46.6
215	45.6	26.3	66.3

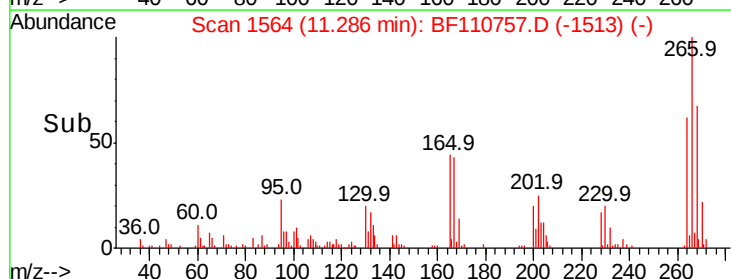
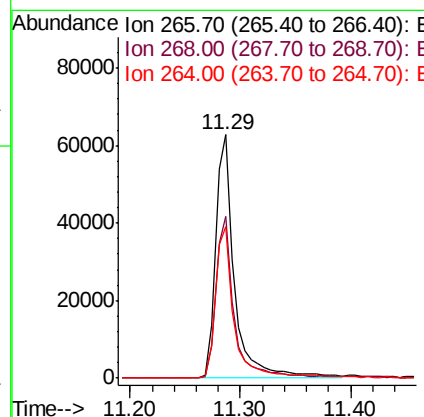
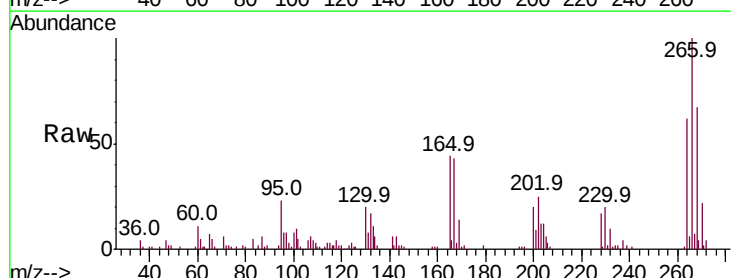
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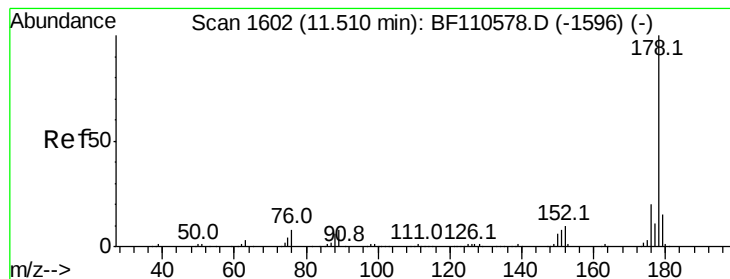
Sohil
11/14/2018 1:52:33 PM



#70
Pentachlorophenol
Concen: 65.243 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	50.6	75.8
264	62.5	50.6	75.8





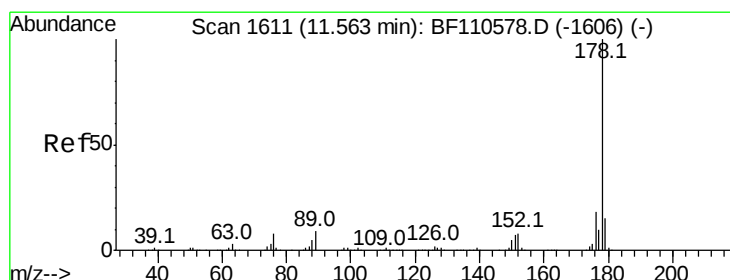
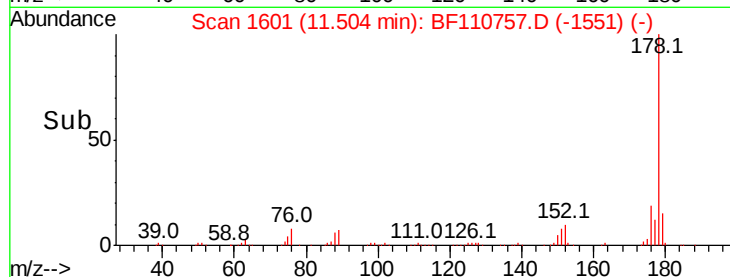
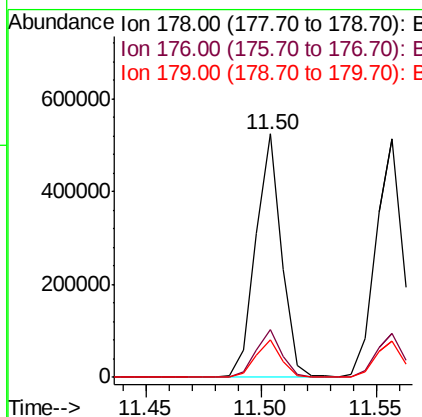
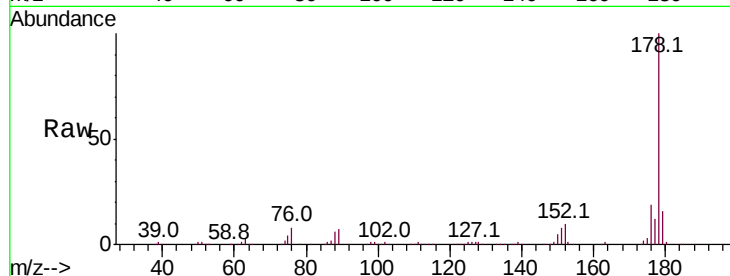
#71
Phenanthrene
Concen: 42.646 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.5	12.5	18.7

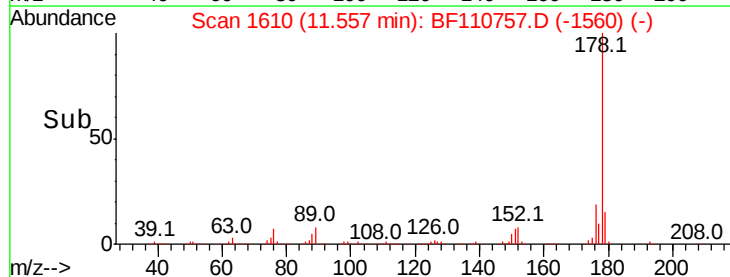
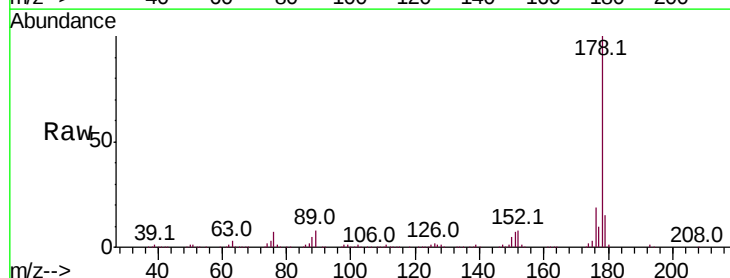
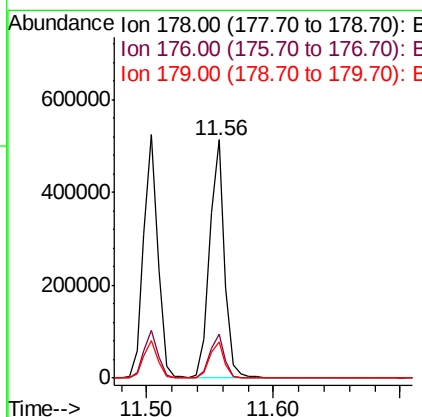
Manual Integrations
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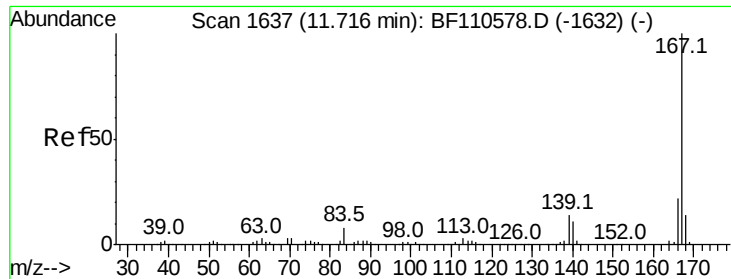
Sohil
11/14/2018 1:52:33 PM



#72
Anthracene
Concen: 43.665 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.3	12.6	18.8





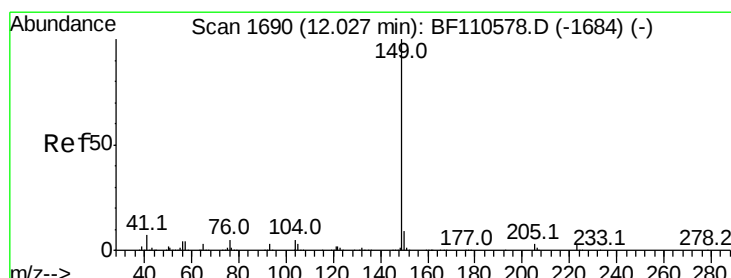
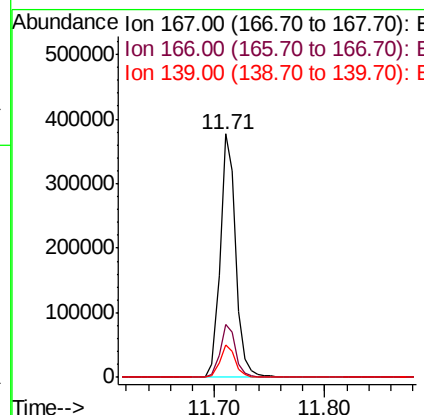
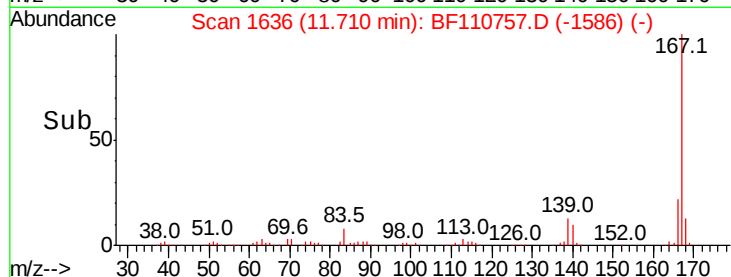
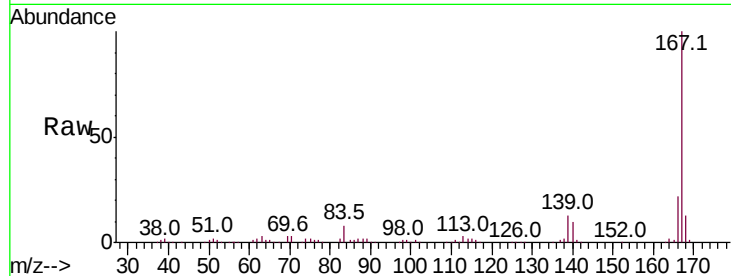
#73
 Carbazole
 Concen: 38.900 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Instrument :
 BNA_F
 ClientSampleId :
 PB114763BSD

Tot Ion	Ratio	Resp Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.3	10.9	16.3

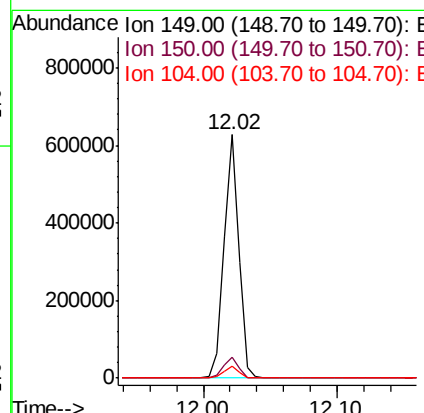
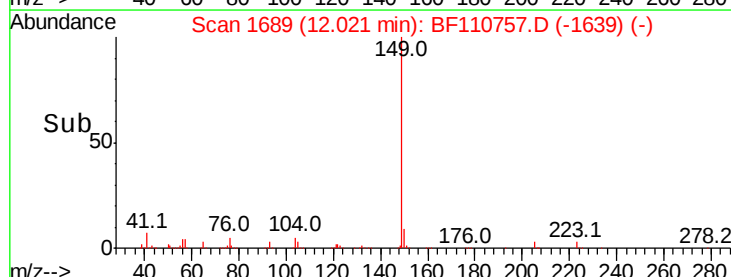
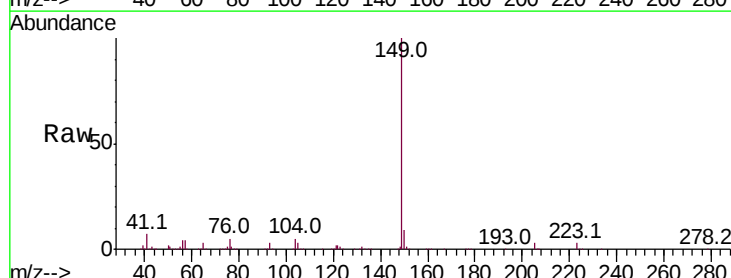
Manual Integrations
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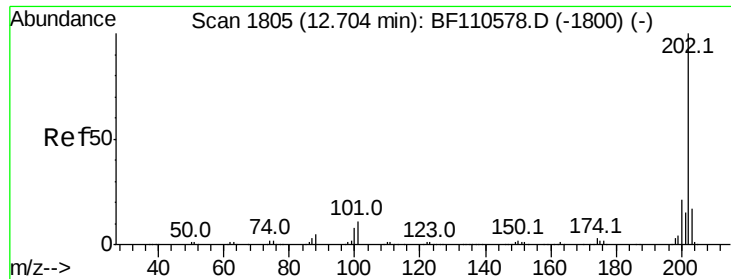
Sohil
 11/14/2018 1:52:33 PM



#74
 Di-n-butylphthalate
 Concen: 45.002 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
150	8.8	7.7	11.5
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 42.437 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Instrument :

BNA_F

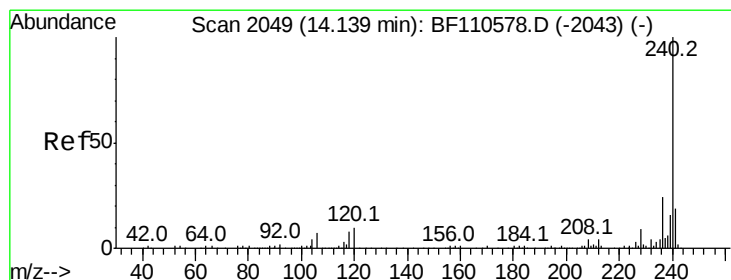
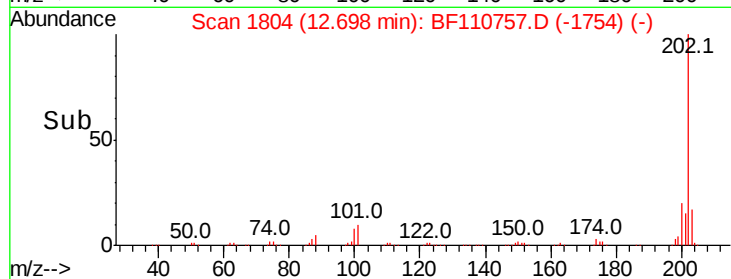
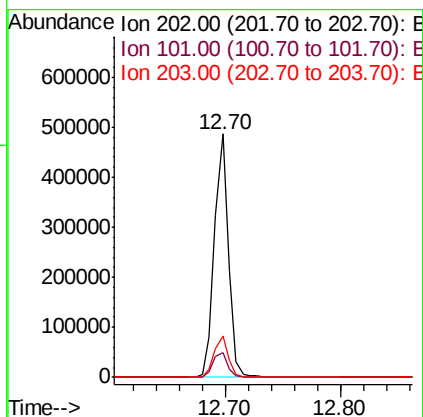
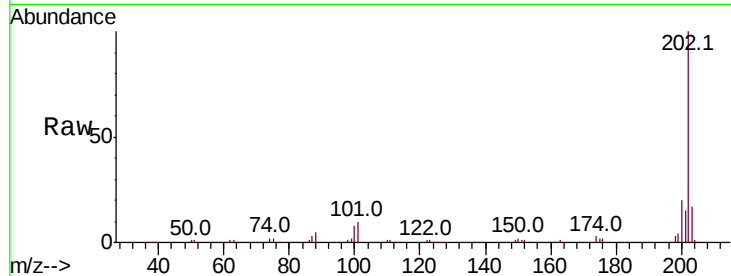
ClientSampleId :

PB114763BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	410735		
101	10.3	0.0	31.4	
203	17.0	0.0	37.7	

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Sohil
11/14/2018 1:52:33 PM



#76

Chrysene-d12

Concen: 20.000 ng

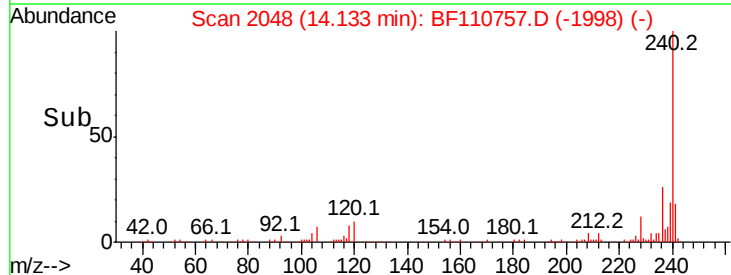
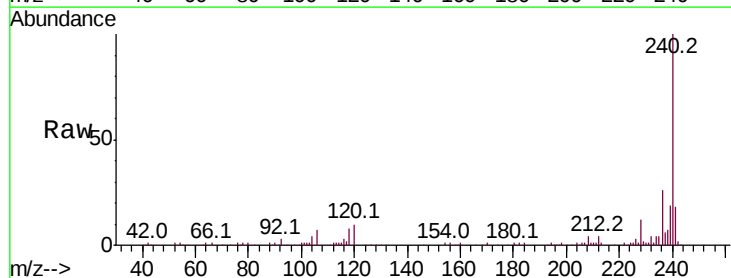
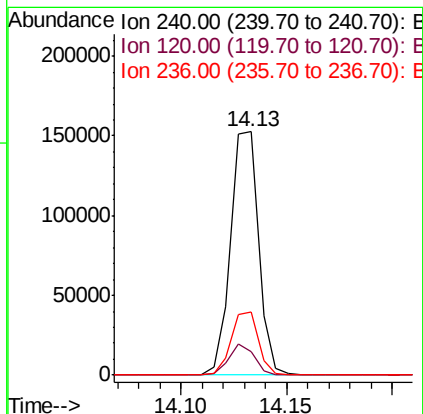
RT: 14.13 min Scan# 2048

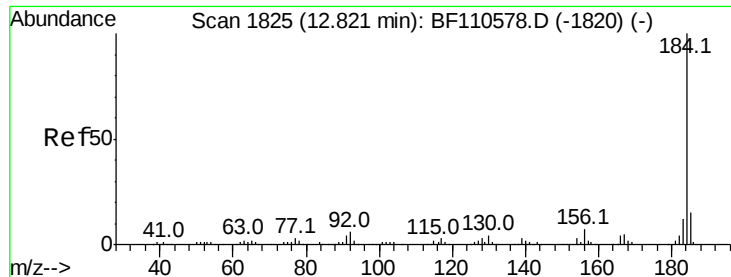
Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	139645		
120	9.8	8.3	12.5	
236	26.2	21.2	31.8	





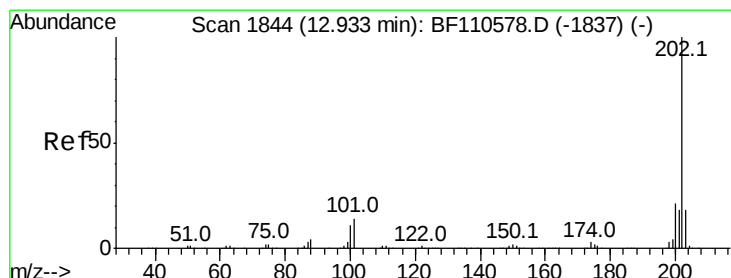
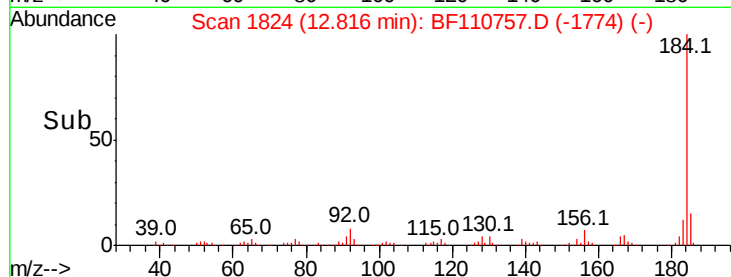
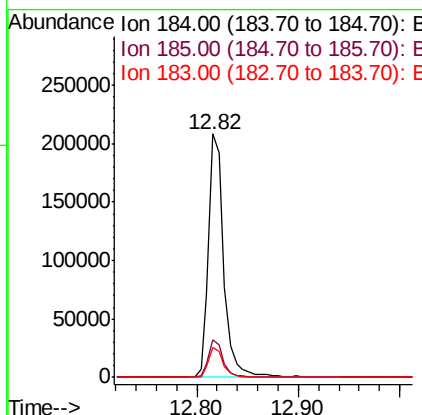
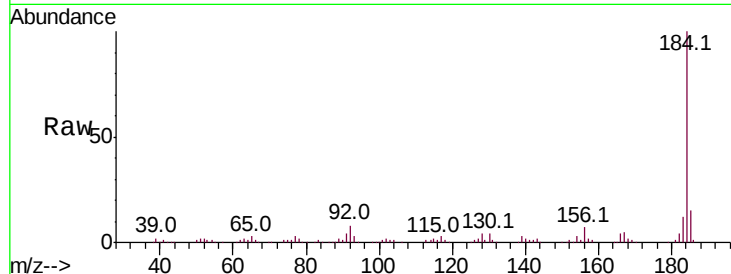
#77
Benzidine
Concen: 57.061 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.2	13.4	20.2	
183	12.1	9.4	14.2	

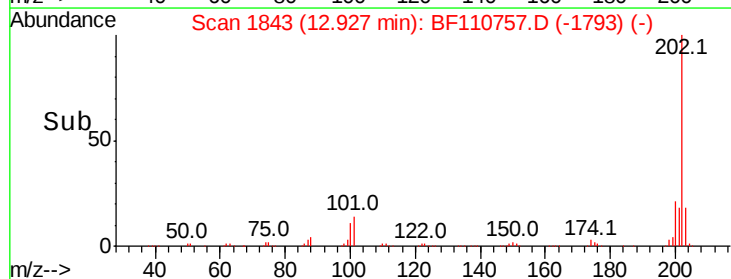
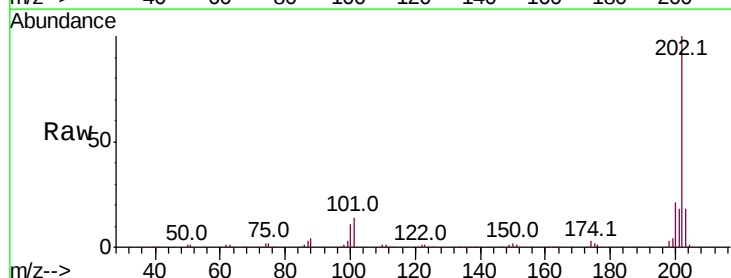
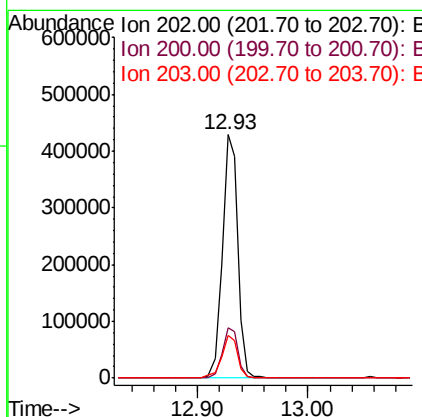
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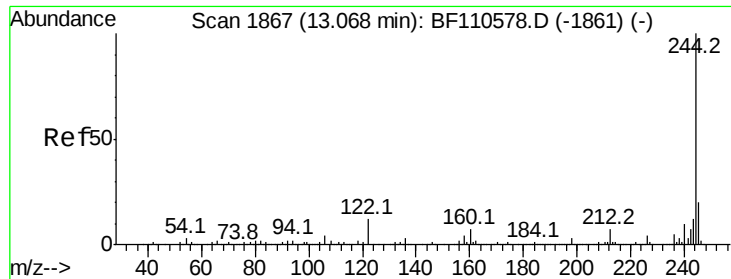
Sohil
11/14/2018 1:52:33 PM



#78
Pyrene
Concen: 39.002 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.6	17.8	26.6	
203	17.5	14.2	21.4	





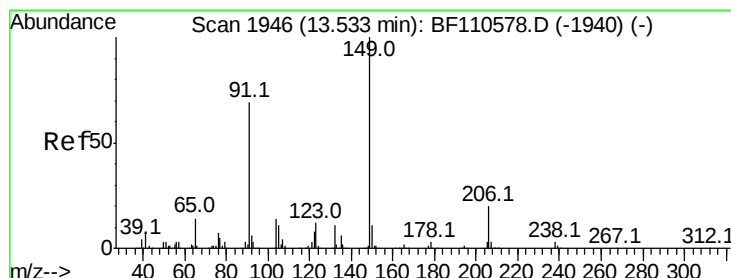
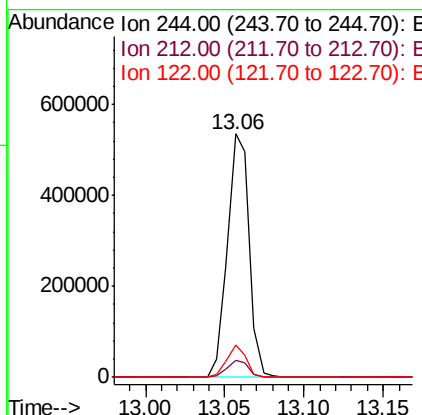
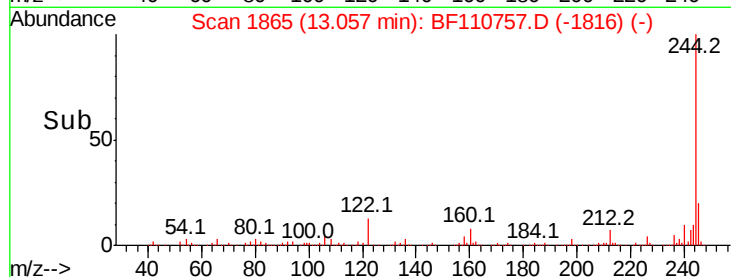
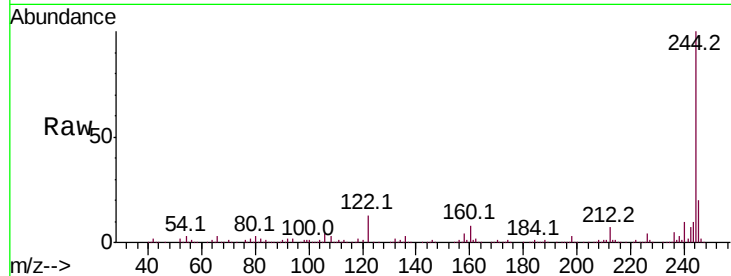
#79
 Terphenyl-d14
 Concen: 68.202 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Instrument :
 BNA_F
 ClientSampleId :
 PB114763BSD

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.2	8.7	13.1#

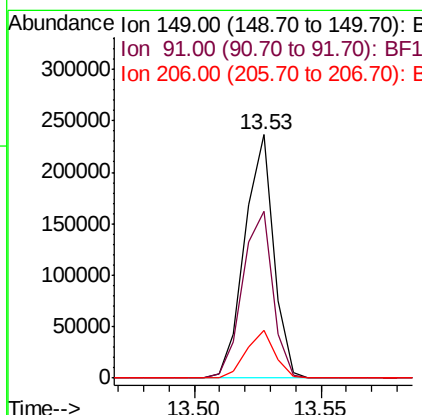
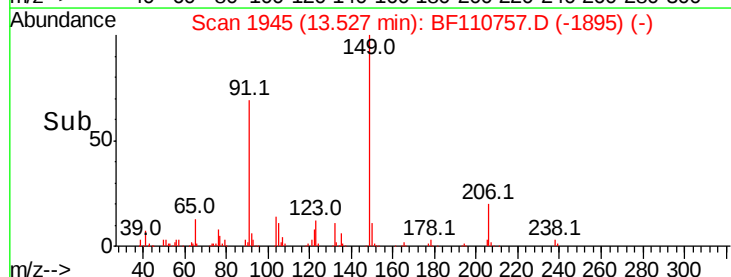
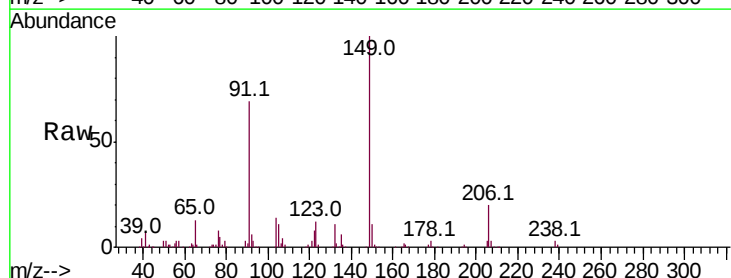
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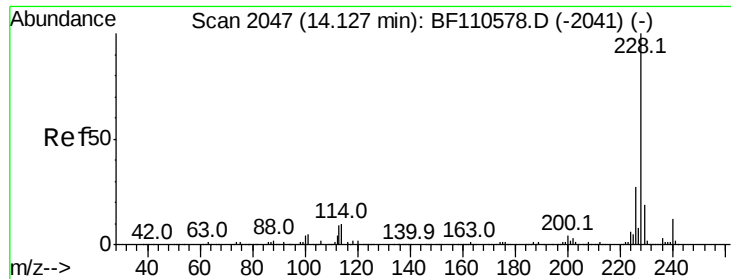
Sohil
 11/14/2018 1:52:33 PM



#80
 Butylbenzylphthalate
 Concen: 40.695 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF110757.D
 Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	68.8	57.2	85.8
206	19.8	15.7	23.5





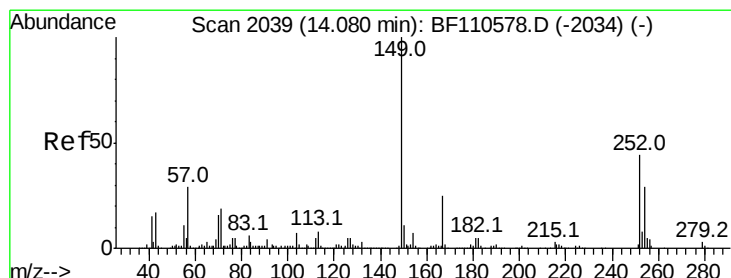
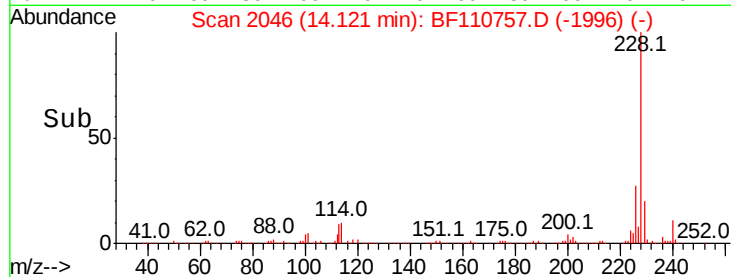
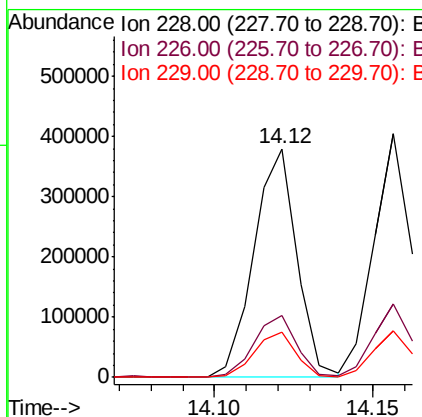
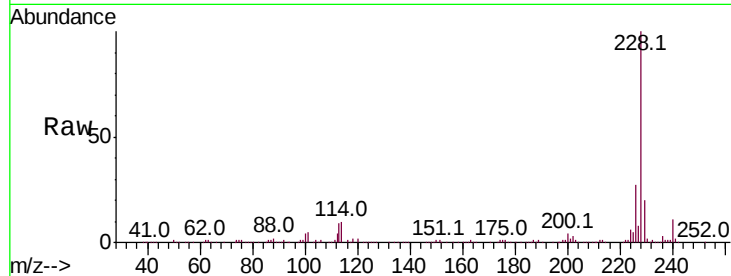
#81
Benzo(a)anthracene
Concen: 42.762 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.1	33.1
229	19.8	15.6	23.4

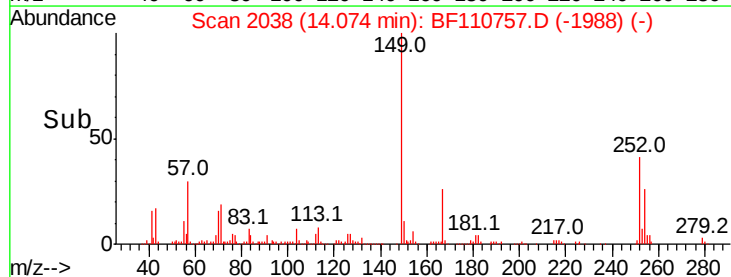
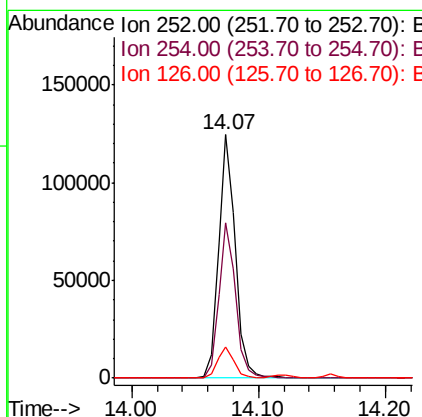
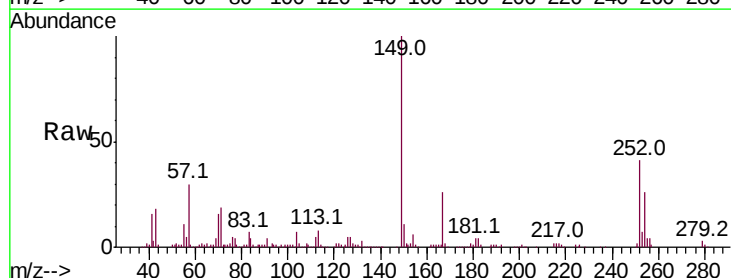
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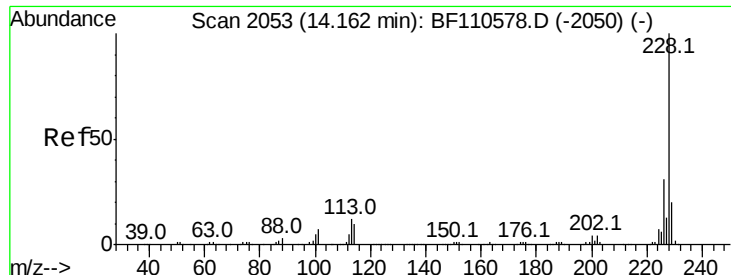
Sohil
11/14/2018 1:52:33 PM



#82
3,3'-Dichlorobenzidine
Concen: 41.341 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	51.3	76.9
126	12.8	9.4	14.2





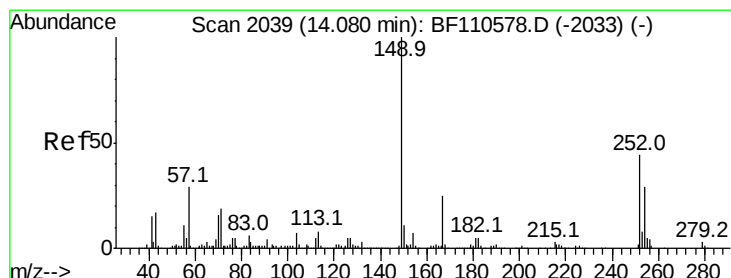
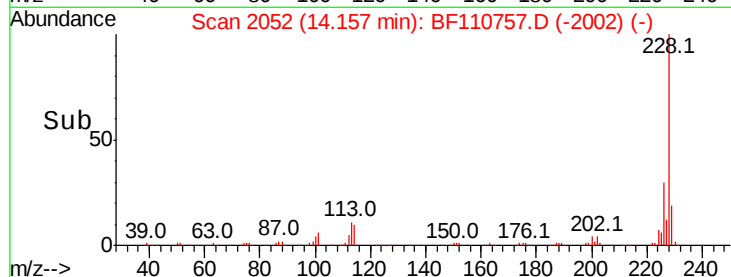
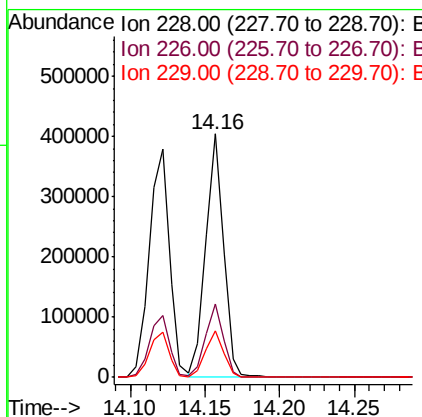
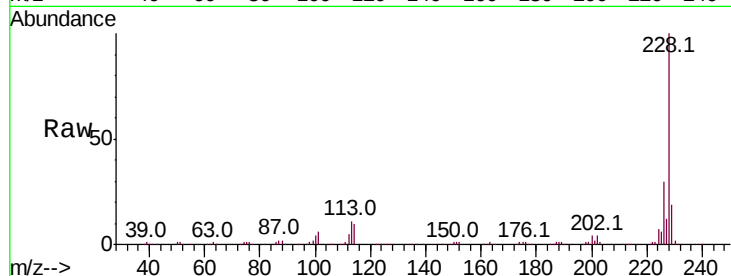
#83
Chrysene
Concen: 41.955 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.1	24.7	37.1	
229	19.3	15.9	23.9	

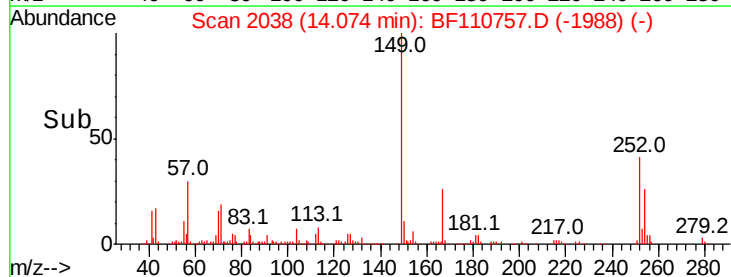
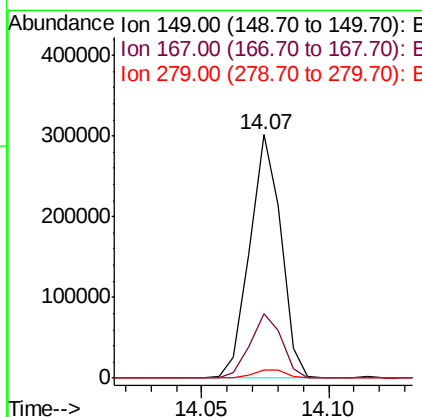
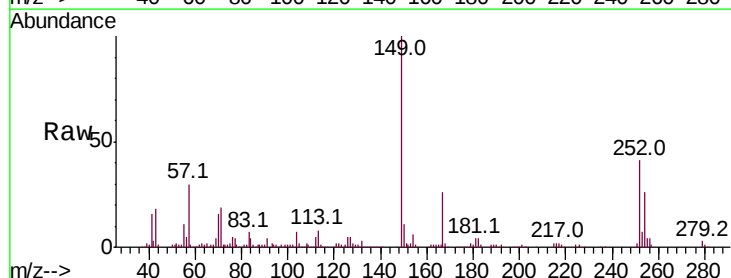
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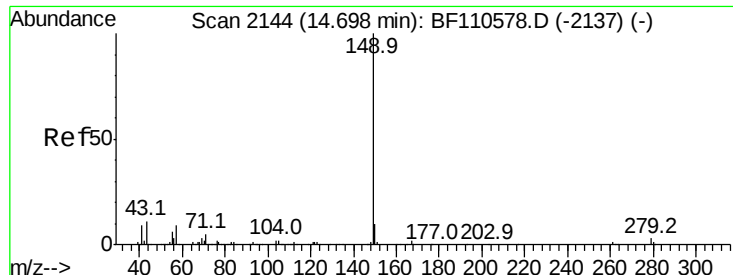
Sohil
11/14/2018 1:52:33 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.363 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.4	19.8	29.8	
279	3.3	2.7	4.1	





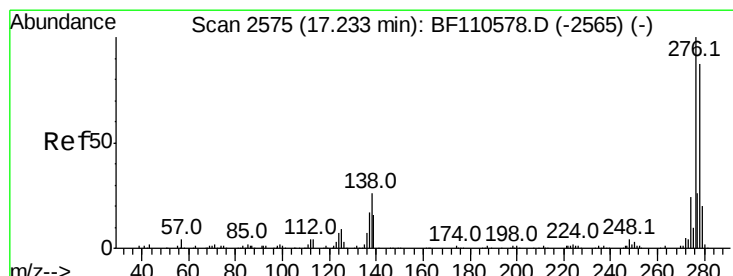
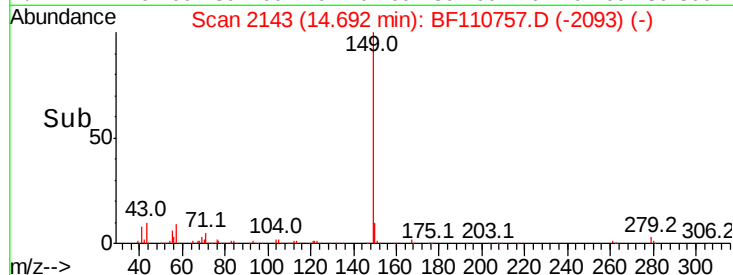
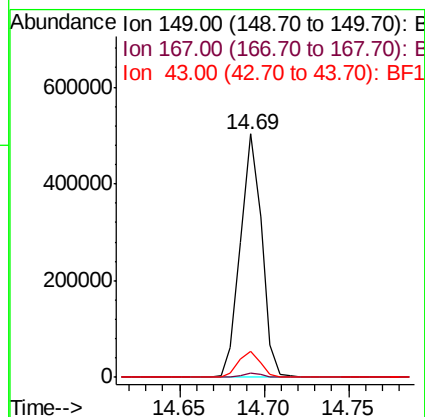
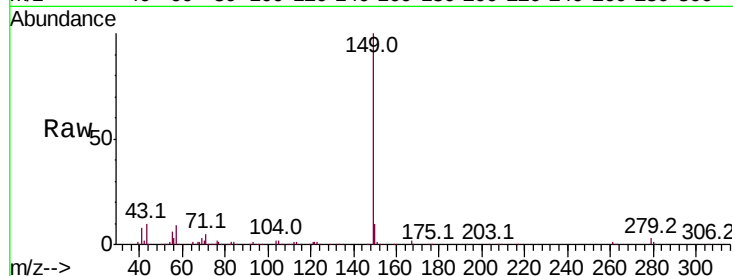
#85
Di-n-octyl phthalate
Concen: 52.696 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.1	1.7	
43	10.5	7.8	11.8	

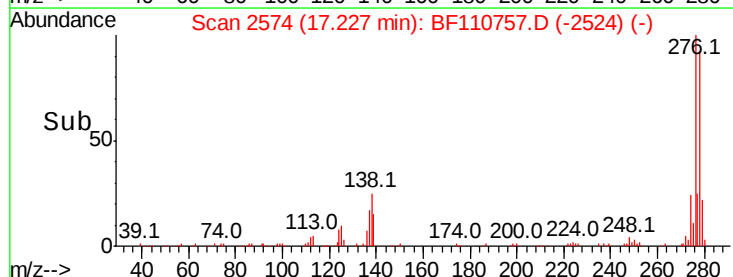
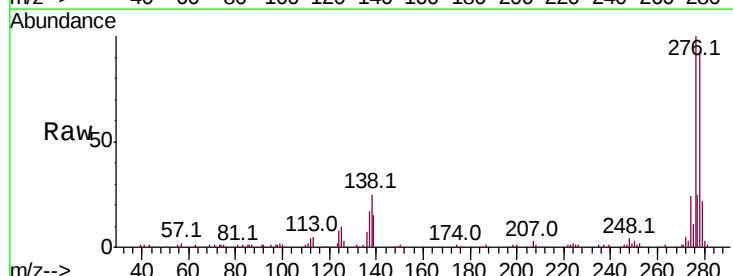
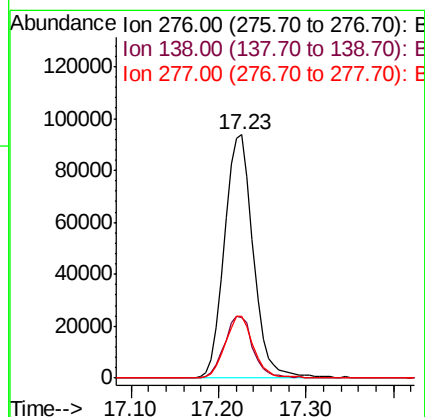
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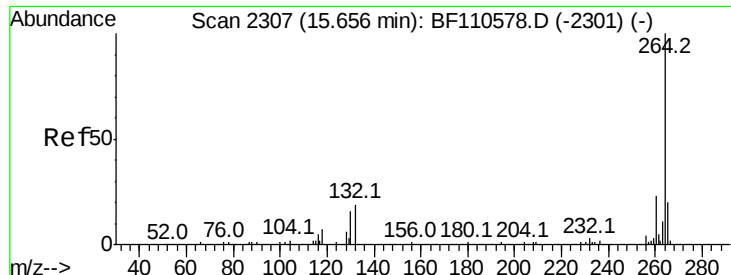
Sohil
11/14/2018 1:52:33 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.247 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	25.2	18.5	27.7	
277	24.8	20.0	30.0	





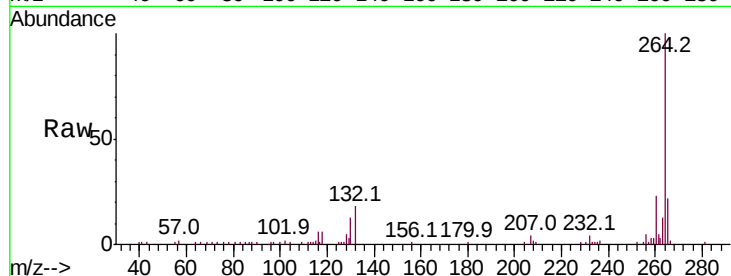
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.0	16.7	25.1

Manual Integrations
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11/14/2018 1:52:33 PM

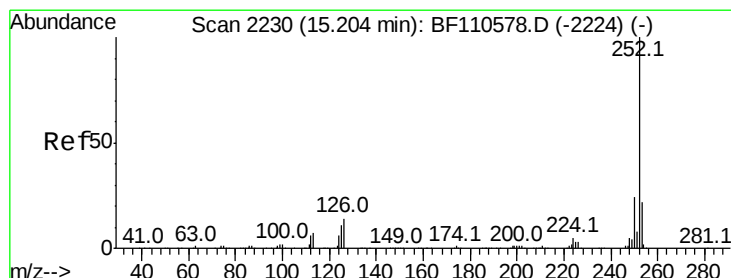
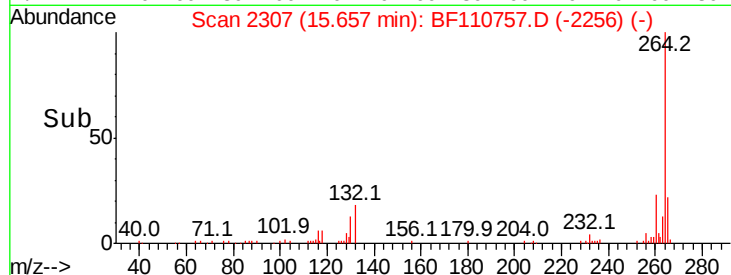
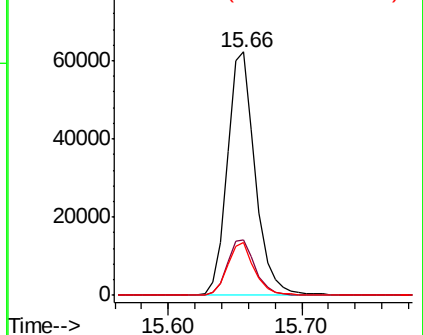


Abundance

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



#88
Benzo(b)fluoranthene
Concen: 46.743 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

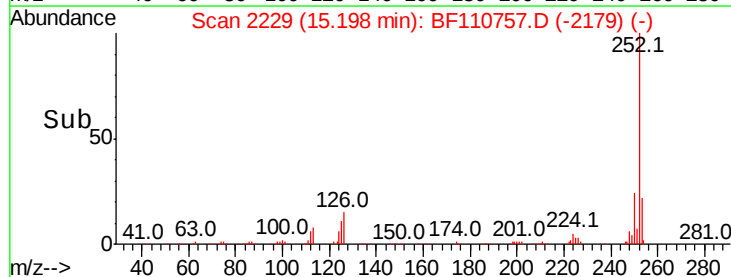
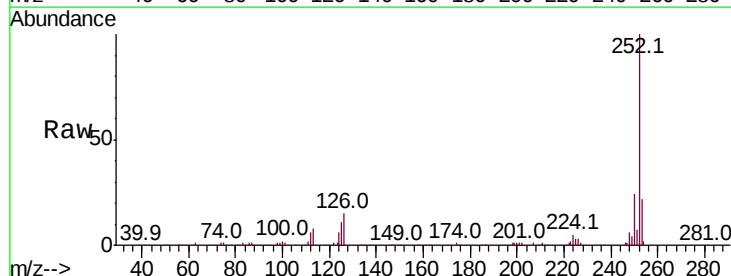
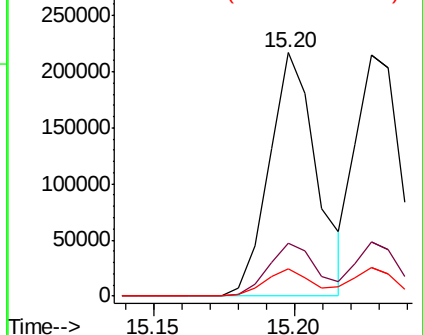
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	11.1	8.2	12.4

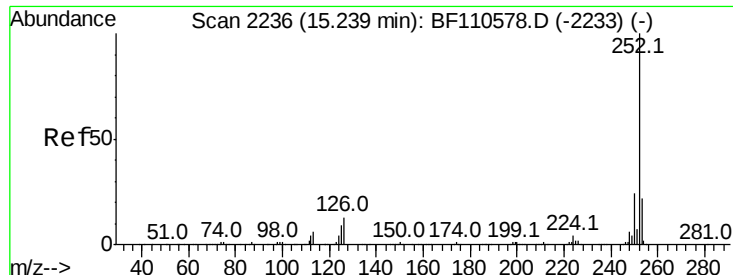
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.498 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Instrument :

BNA_F

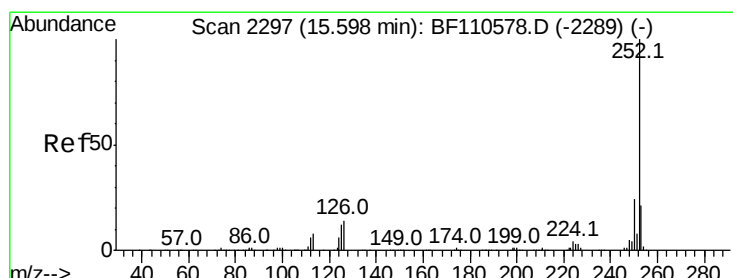
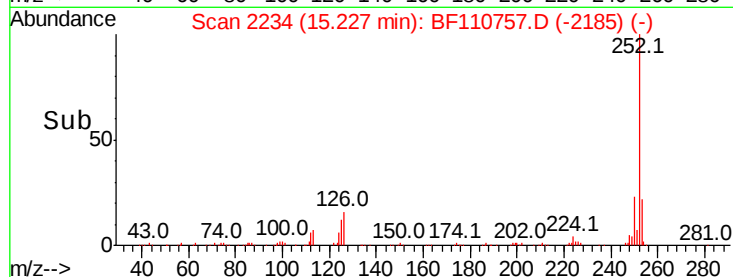
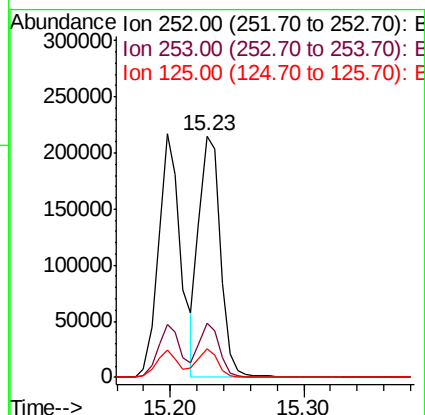
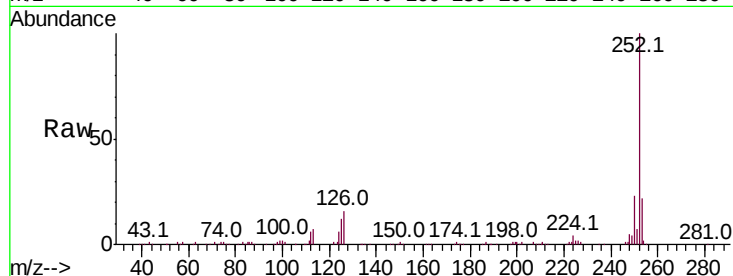
ClientSampleId :

PB114763BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	238800		
253	22.4	17.2	25.8	
125	11.6	7.4	11.0	

Manual Integrations
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Sohil
11/14/2018 1:52:33 PM



#90

Benzo(a)pyrene

Concen: 44.773 ng

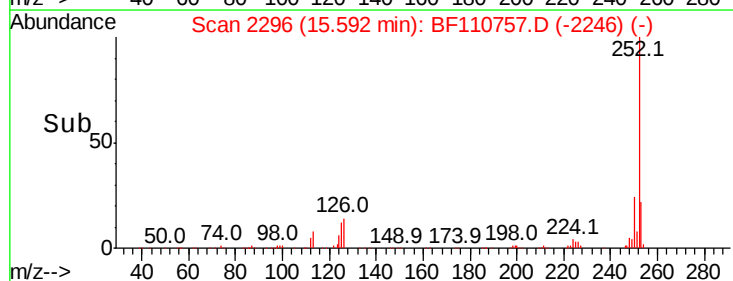
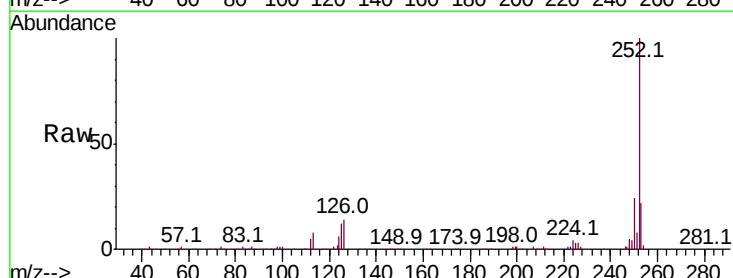
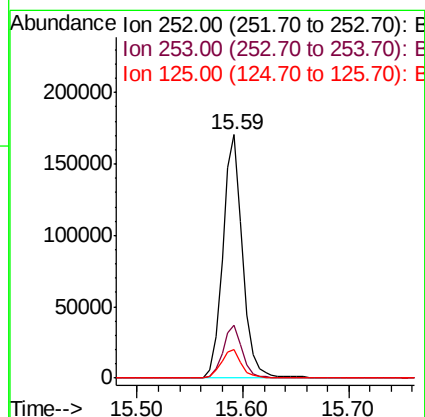
RT: 15.59 min Scan# 2296

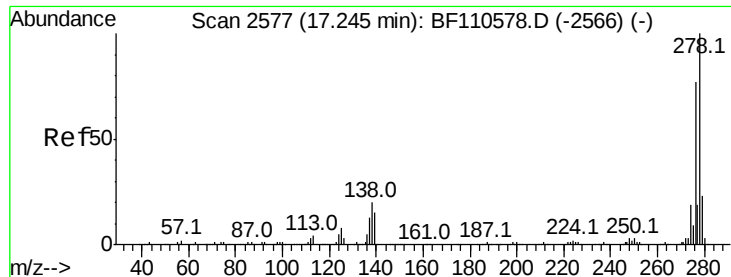
Delta R.T. -0.01 min

Lab File: BF110757.D

Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	220936		
253	21.6	18.2	27.4	
125	11.6	9.0	13.6	





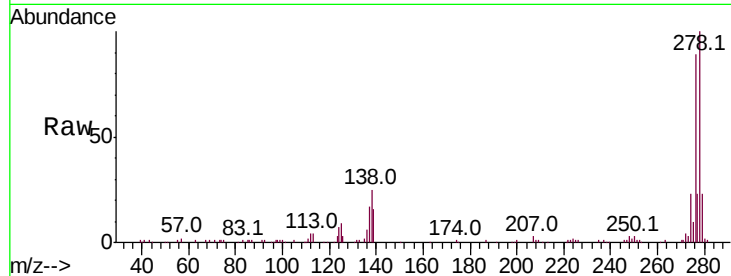
#91
Dibenzo(a,h)anthracene
Concen: 42.531 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Instrument :
BNA_F
ClientSampleId :
PB114763BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.7	19.1
279	23.3	19.0	28.4

Manual Integrations
APPROVED

Sohil
11/14/2018 1:52:33 PM

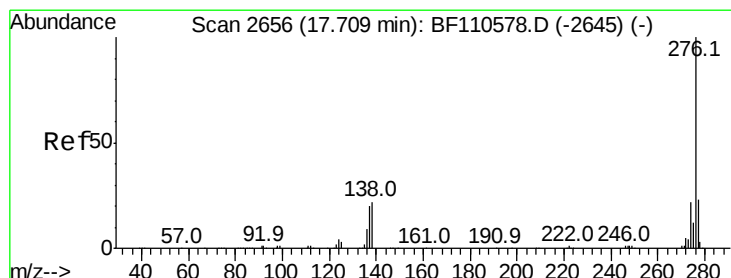
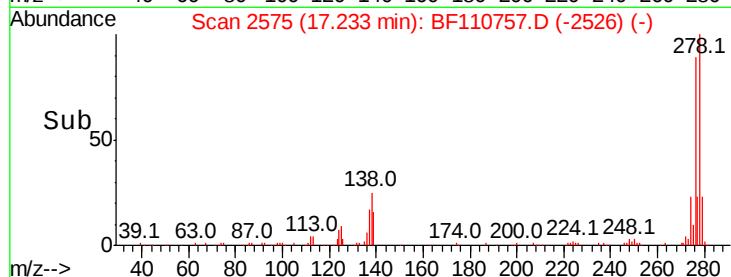
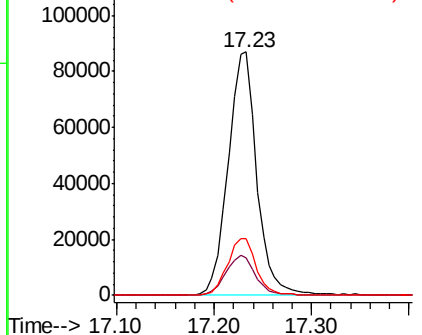


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.153 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BF110757.D
Acq: 14 Nov 2018 9:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.8	28.2
138	22.5	16.0	24.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

