

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098787.D
 Acq On : 25 Sep 2017 17:16
 Operator : SJ/JU
 Sample : PB102601BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102601BS

Manual Integrations
 APPROVED

Sohil
 9/26/2017 4:58:31 PM

Quant Time: Sep 26 07:11:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	152920	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	646966	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	305484	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	554321	20.00	ng	0.00
75) Chrysene-d12	14.09	240	425109	20.00	ng	0.00
86) Perylene-d12	15.57	264	340922	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1248701	129.99	ng	0.00
7) Phenol-d6	6.55	99	1527333	128.89	ng	0.00
23) Nitrobenzene-d5	7.48	82	936151	92.80	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	347693	139.09	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1709468	93.42	ng	0.00
78) Terphenyl-d14	13.03	244	1579614	84.50	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.80	88	164265	35.797	ng	98
3) Pyridine	3.57	79	486743	39.211	ng	98
4) n-Nitrosodimethylamine	3.52	42	222088	42.191	ng	97
6) Aniline	6.59	93	554171	34.649	ng	98
8) 2-Chlorophenol	6.70	128	460722	42.352	ng	98
9) Benzaldehyde	6.47	77	112432	16.356	ng	96
10) Phenol	6.56	94	592404	44.699	ng	97
11) bis(2-Chloroethyl)ether	6.65	93	443304	43.026	ng	97
12) 1,3-Dichlorobenzene	6.86	146	475787	41.762	ng	99
13) 1,4-Dichlorobenzene	6.93	146	479236	41.344	ng	100
14) 1,2-Dichlorobenzene	7.09	146	450748	42.085	ng	99
15) Benzyl Alcohol	7.06	79	400928	46.119	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	702197	43.744	ng	98
17) 2-Methylphenol	7.16	107	406213	45.636	ng	97
18) Hexachloroethane	7.43	117	175079	42.021	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	316345	41.812	ng	97
20) 3+4-Methylphenols	7.32	107	491138	43.616	ng	# 91
22) Acetophenone	7.33	105	632866	40.375	ng	# 97
24) Nitrobenzene	7.50	77	483716	42.268	ng	98
25) Isophorone	7.74	82	901556	43.224	ng	99
26) 2-Nitrophenol	7.82	139	257464	46.785	ng	93
27) 2,4-Dimethylphenol	7.85	122	449950	43.295	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	570247	43.871	ng	100
29) 2,4-Dichlorophenol	8.06	162	399221	44.741	ng	96
30) 1,2,4-Trichlorobenzene	8.14	180	384914	43.131	ng	99
31) Naphthalene	8.22	128	1302699	42.872	ng	100
32) Benzoic acid	7.97	122	325164	38.090	ng	98
33) 4-Chloroaniline	8.26	127	358922	28.286	ng	99
34) Hexachlorobutadiene	8.33	225	193972	42.198	ng	99
35) Caprolactam	8.65	113	150822m	52.694	ng	
36) 4-Chloro-3-methylphenol	8.75	107	442557	44.127	ng	95
37) 2-Methylnaphthalene	8.92	142	916768	46.411	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	348234	38.224	ng	99
40) Hexachlorocyclopentadiene	9.06	237	399803	96.027	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	281748	43.654	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	292793	45.445	nq	95
45) 1,1'-Biphenyl	9.38	154	1063087	40.492	nq	98
46) 2-Chloronaphthalene	9.40	162	839327	42.578	nq	98
47) 2-Nitroaniline	9.50	65	277615	45.994	nq	98
48) Acenaphthylene	9.82	152	1295516	42.931	nq	99
49) Dimethylphthalate	9.68	163	1019675	44.226	nq	100
50) 2,6-Dinitrotoluene	9.74	165	228426	45.508	nq	99
51) Acenaphthene	9.99	154	812367	42.498	nq	99
52) 3-Nitroaniline	9.91	138	198203	33.865	nq	95
53) 2,4-Dinitrophenol	10.02	184	227779	86.639	nq	97
54) Dibenzofuran	10.16	168	1165137	45.779	nq	97
55) 4-Nitrophenol	10.07	139	451125	91.157	nq	96
56) 2,4-Dinitrotoluene	10.15	165	315381	48.413	nq	98
57) Fluorene	10.51	166	899416	43.967	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	221600	49.791	nq	98
59) Diethylphthalate	10.37	149	1021411	45.337	nq	99
60) 4-Chlorophenyl-phenylether	10.50	204	407782	44.376	nq	94
61) 4-Nitroaniline	10.53	138	263898	46.736	nq	96
62) Azobenzene	10.66	77	984744	47.538	nq	97
64) 4,6-Dinitro-2-methylphenol	10.56	198	156583	46.428	nq	76
65) n-Nitrosodiphenylamine	10.62	169	823155	42.865	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	242949	44.776	nq	98
67) Hexachlorobenzene	11.06	284	242740	41.887	nq	93
68) Atrazine	11.14	200	260535	45.093	nq	99
69) Pentachlorophenol	11.24	266	288756	80.063	nq	97
70) Phenanthrene	11.47	178	1306118	44.020	nq	99
71) Anthracene	11.52	178	1351376	44.513	nq	99
72) Carbazole	11.67	167	1293272	43.500	nq	99
73) Di-n-butylphthalate	12.00	149	1621028	45.299	nq	100
74) Fluoranthene	12.66	202	1368412	45.545	nq	98
76) Benzidine	12.77	184	597049	37.972	nq	98
77) Pyrene	12.89	202	1400653	43.208	nq	100
79) Butylbenzylphthalate	13.50	149	712796	46.787	nq	99
80) Benzo(a)anthracene	14.07	228	1155048	44.871	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	296646	31.436	nq	97
82) Chrysene	14.12	228	1066882	43.534	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	984918	46.951	nq	# 99
84) Di-n-octyl phthalate	14.67	149	1639206	48.528	nq	98
85) Indeno(1,2,3-cd)pyrene	17.09	276	762166	38.878	nq	96
87) Benzo(b)fluoranthene	15.14	252	970222	46.286	nq	97
88) Benzo(k)fluoranthene	15.17	252	923866	44.624	nq	98
89) Benzo(a)pyrene	15.52	252	866504	45.034	nq	98
90) Dibenzo(a,h)anthracene	17.11	278	644616	41.862	nq	98
91) Benzo(g,h,i)perylene	17.55	276	634830	41.707	nq	96

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

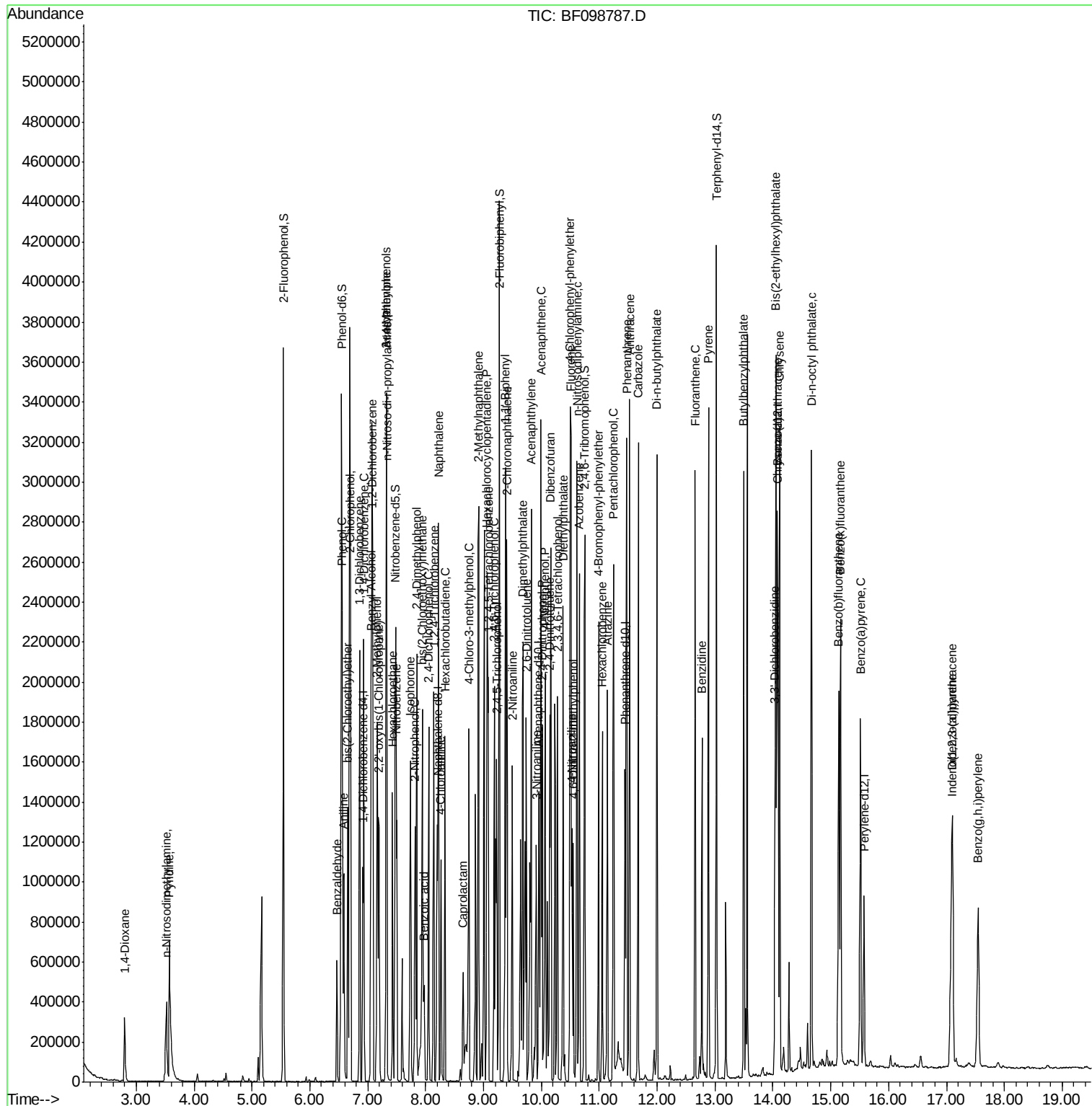
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
Data File : BF098787.D
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Misc :
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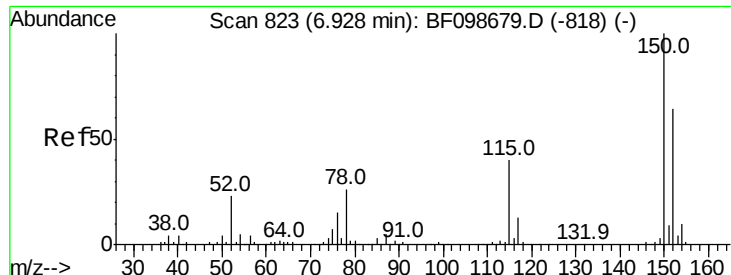
Instrument :
BNA_F
ClientSampled :
PB102601BS

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#1

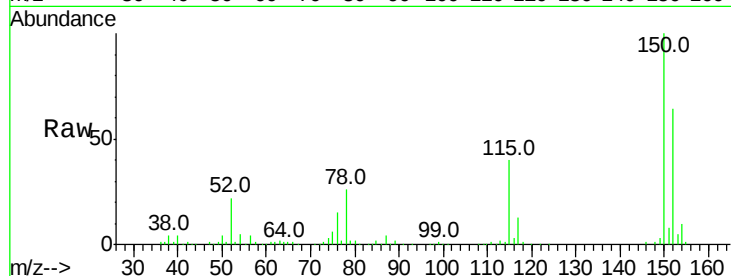
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampleId :
PB102601BS

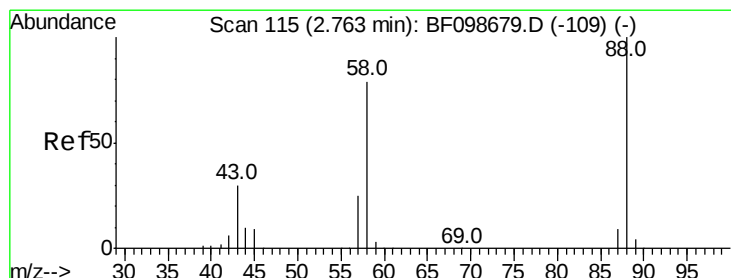
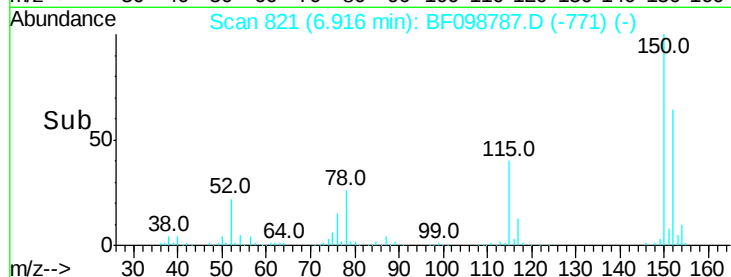
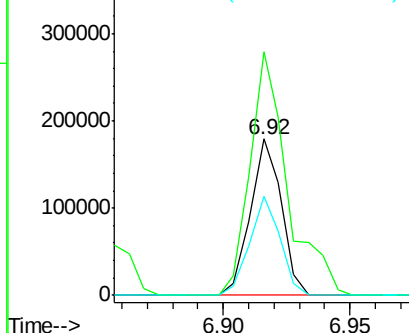
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	63.1	50.1	75.1

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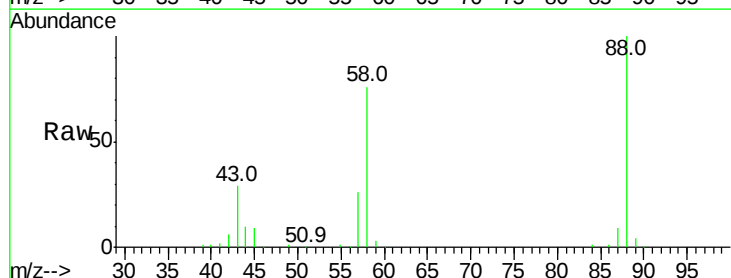
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



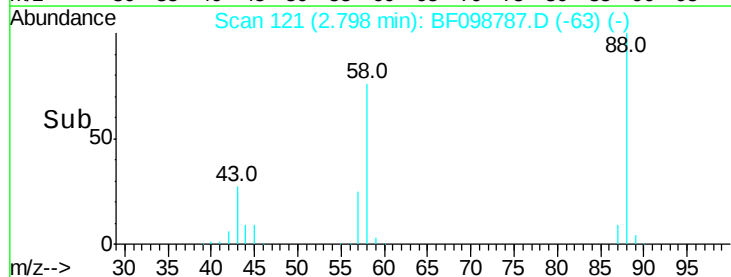
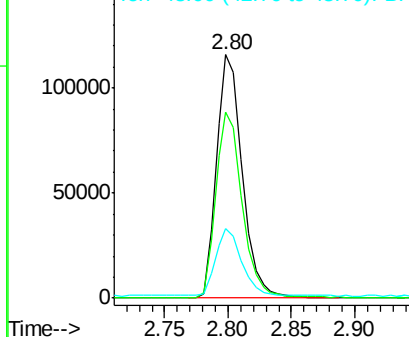
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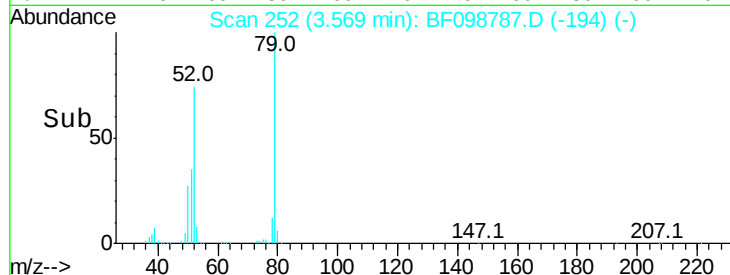
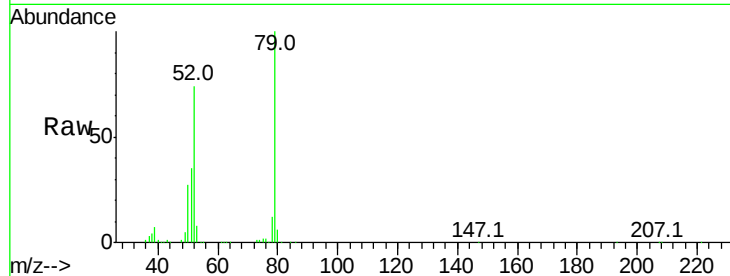
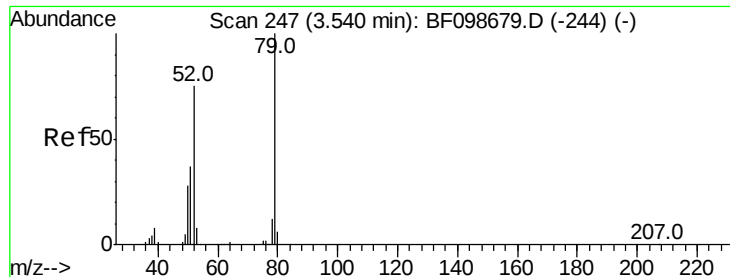
1,4-Dioxane
Concen: 35.797 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.04 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.2	62.6	93.8
43	28.2	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





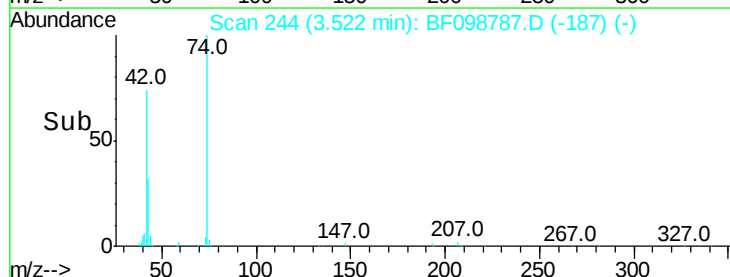
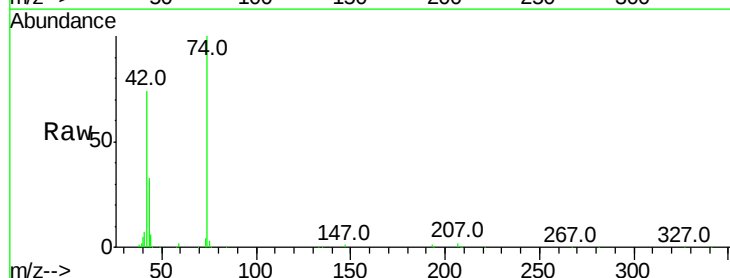
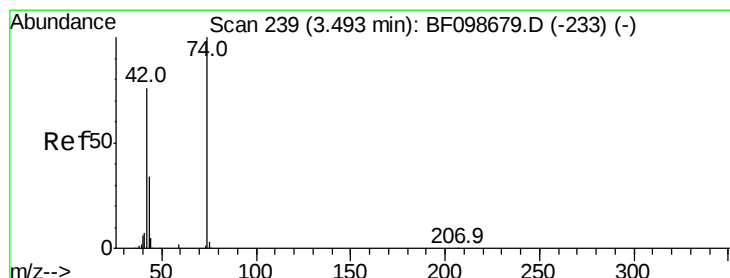
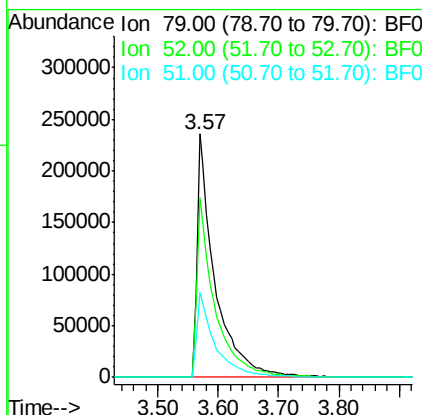
#3
 Pvridine
 Concen: 39.211 ng
 RT: 3.57 min Scan# 252
 Delta R.T. 0.04 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.7	59.8	89.6
51	34.9	29.8	44.8

Instrument :
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 ClientSampleId :
 PB102601BS

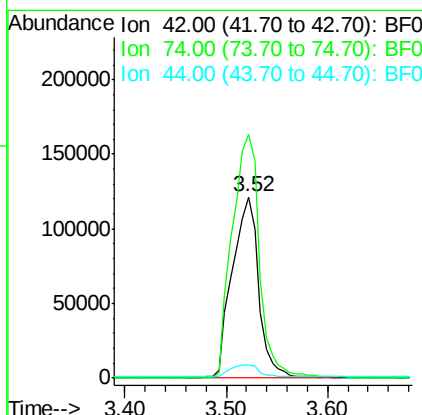
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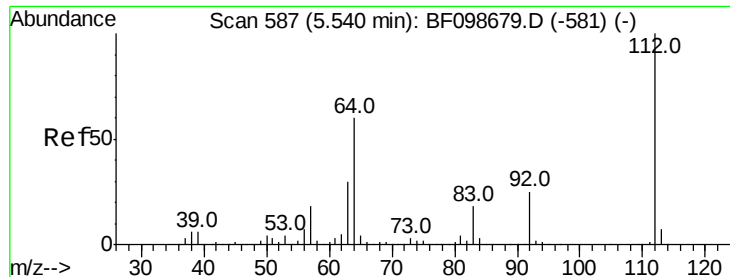
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#4
 n-Nitrosodimethylamine
 Concen: 42.191 ng
 RT: 3.52 min Scan# 244
 Delta R.T. 0.04 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	134.3	104.9	157.3
44	7.5	6.9	10.3





#5

2-Fluorophenol

Concen: 129.990 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

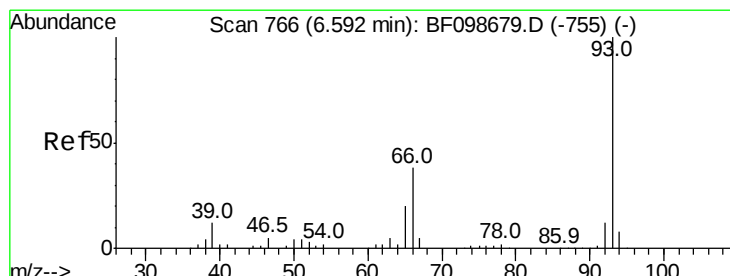
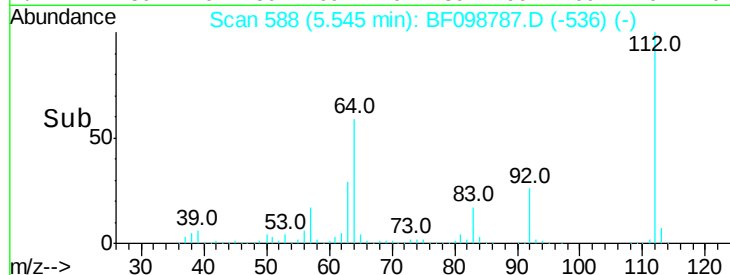
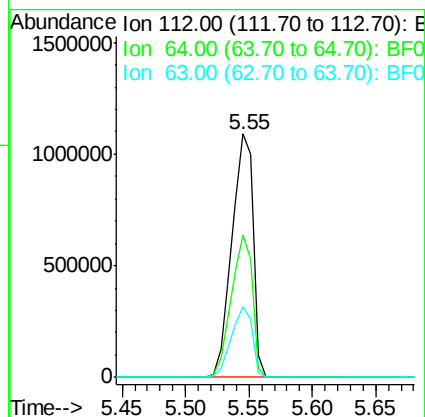
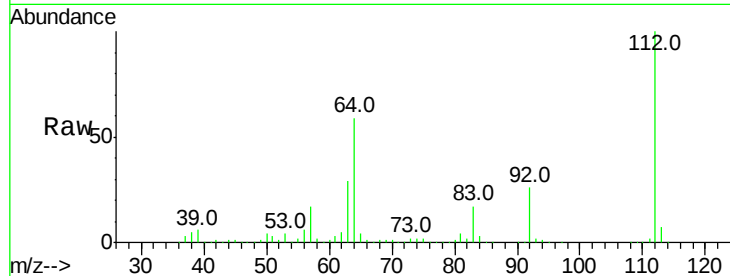
ClientSampled :

PB102601BS

Tot Ion:	112	Resp:	1248701
Ion Ratio	Lower	Upper	
112	100		
64	58.7	47.9	71.9
63	29.3	23.7	35.5

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#6

Aniline

Concen: 34.649 ng

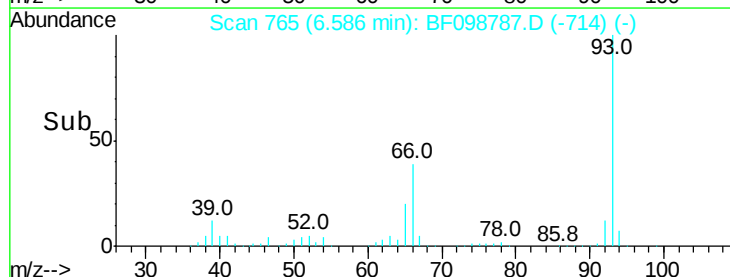
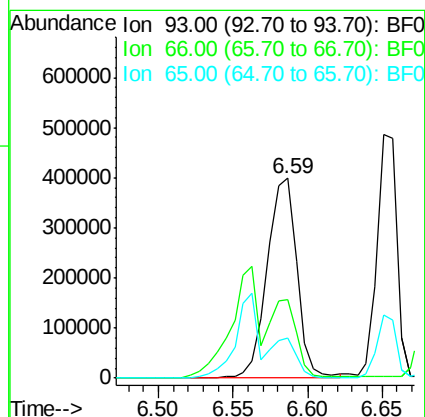
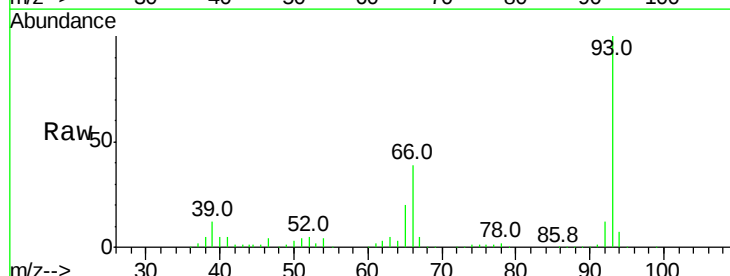
RT: 6.59 min Scan# 765

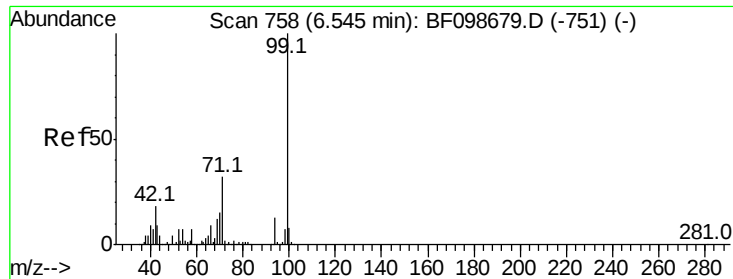
Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion:	93	Resp:	554171
Ion Ratio	Lower	Upper	
93	100		
66	39.1	32.2	48.2
65	19.9	16.4	24.6





#7

Phenol-d6

Concen: 128.886 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampled :

PB102601BS

Tot Ion: 99 Resp: 1527333

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

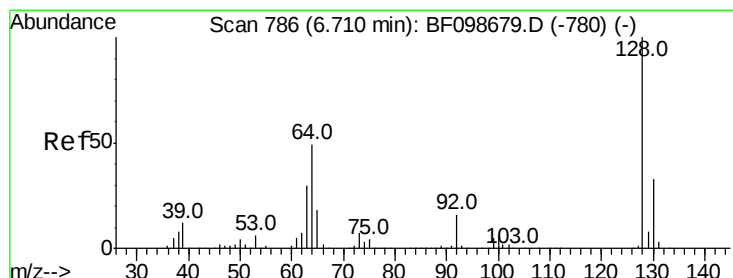
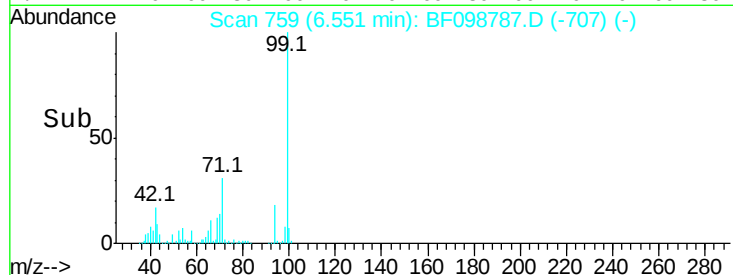
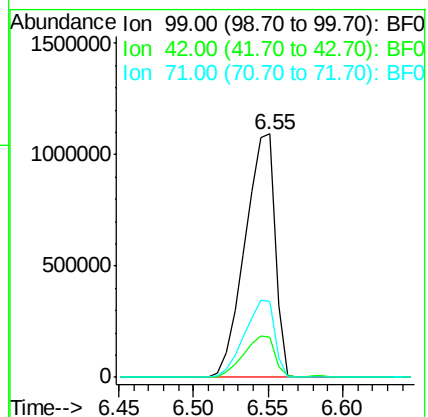
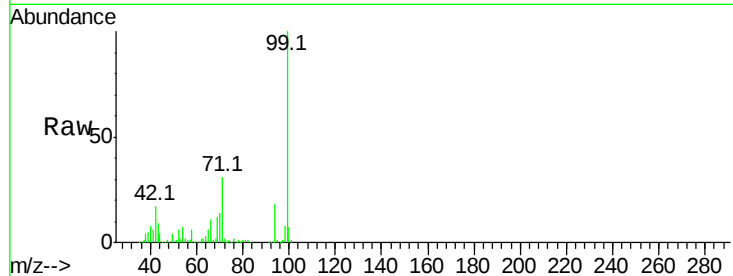
71 31.0 25.4 38.0

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#8

2-Chlorophenol

Concen: 42.352 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

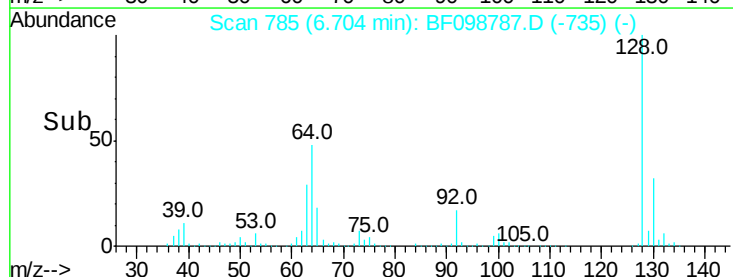
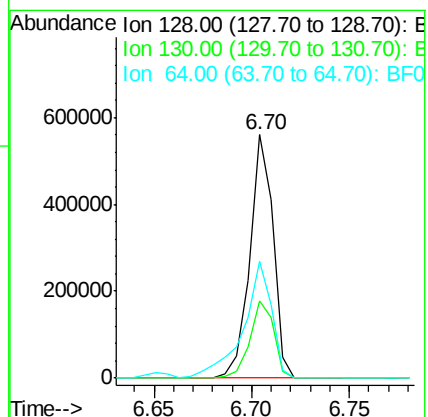
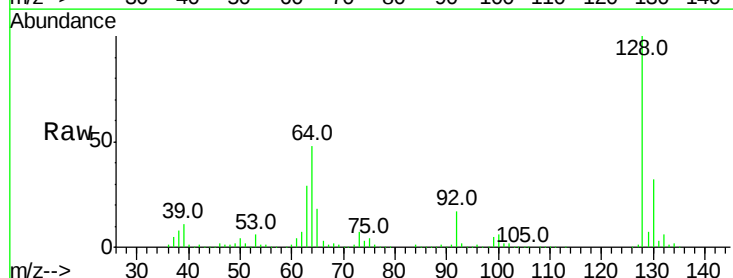
Tgt Ion: 128 Resp: 460722

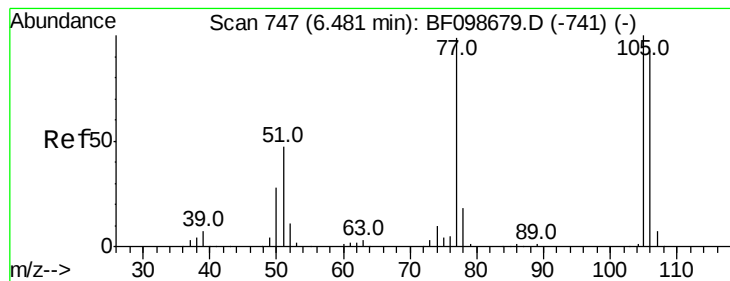
Ion Ratio Lower Upper

128 100

130 31.9 13.0 53.0

64 48.1 29.4 69.4





#9

Benzaldehyde

Concen: 16.356 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

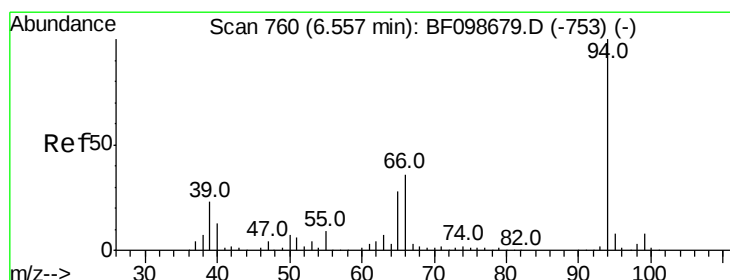
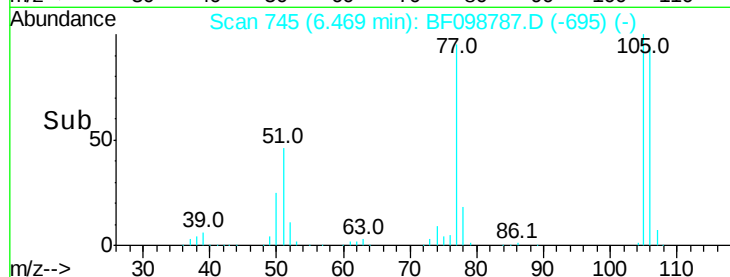
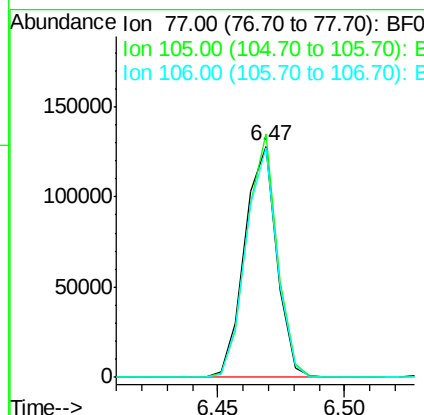
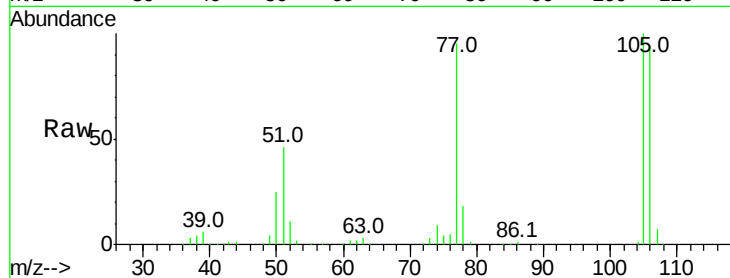
ClientSampleId :

PB102601BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.3	81.1	121.1
106	99.1	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 44.699 ng

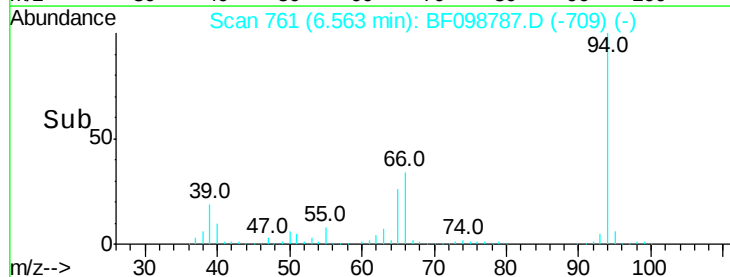
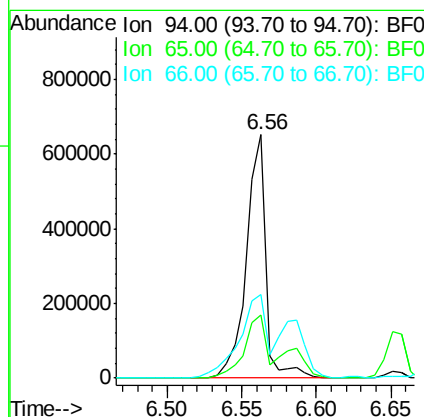
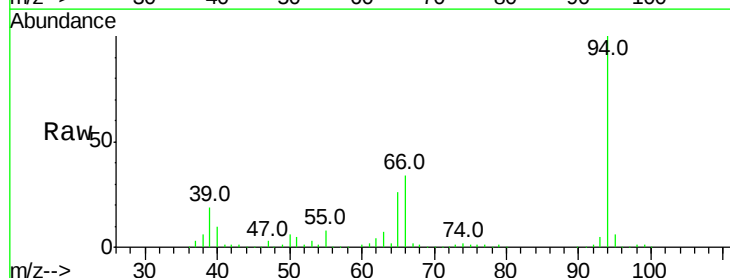
RT: 6.56 min Scan# 761

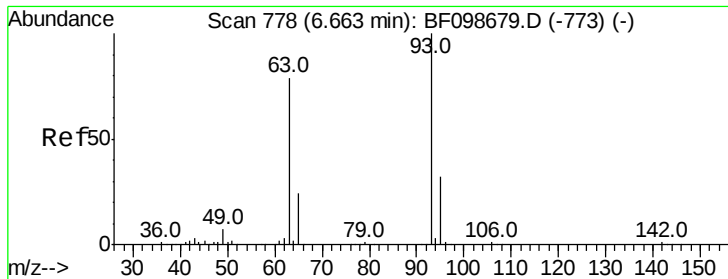
Delta R.T. 0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.9	7.9	47.9
66	34.3	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 43.026 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

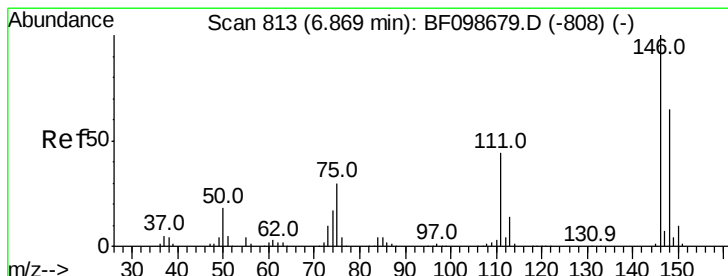
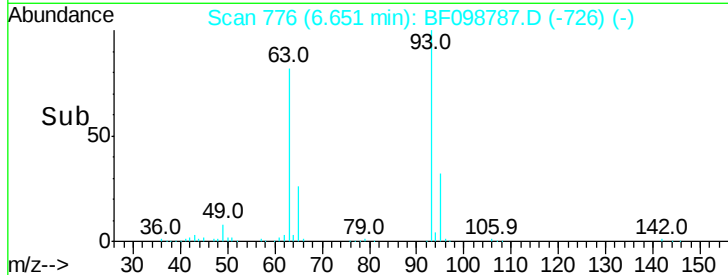
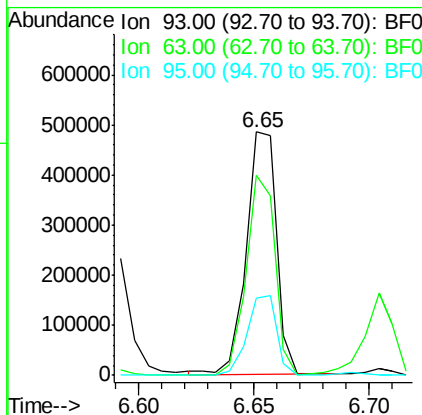
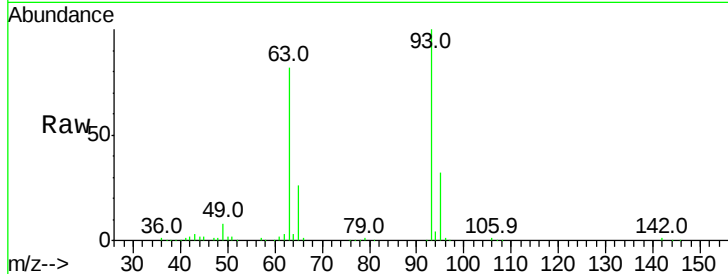
ClientSampleId :

PB102601BS

Tot Ion:	93	Resp:	443304
Ion	Ratio	Lower	Upper
93	100		
63	81.9	58.6	98.6
95	31.8	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 41.762 ng

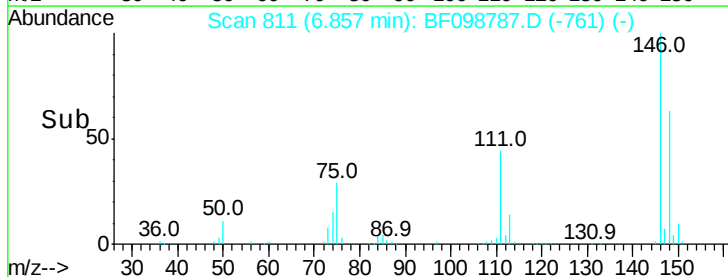
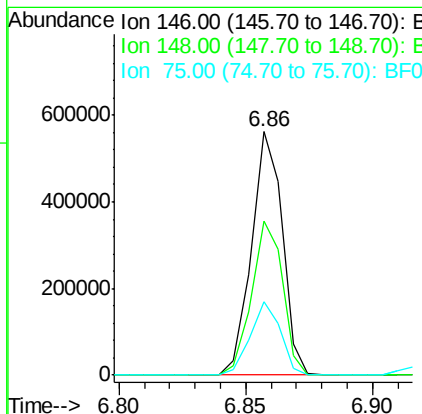
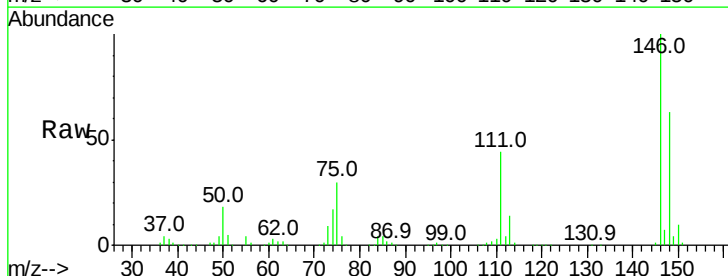
RT: 6.86 min Scan# 811

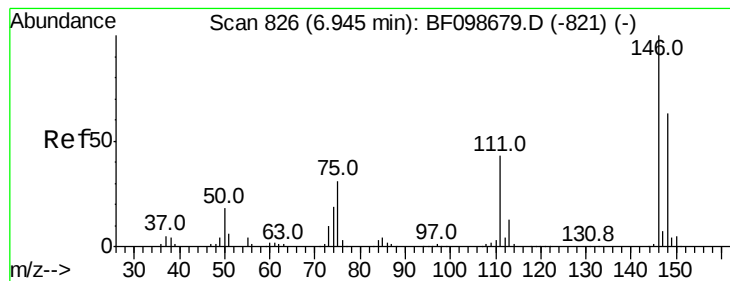
Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion:	146	Resp:	475787
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	30.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 41.344 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

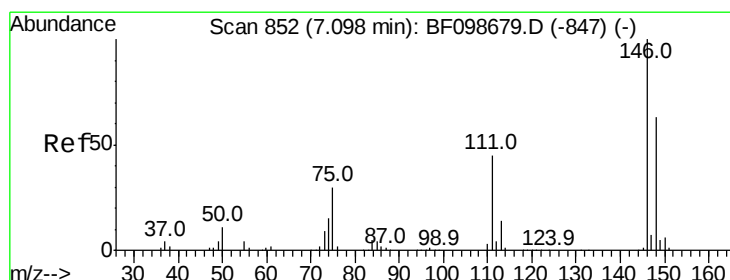
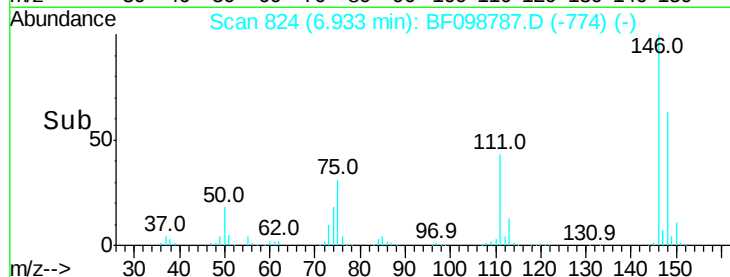
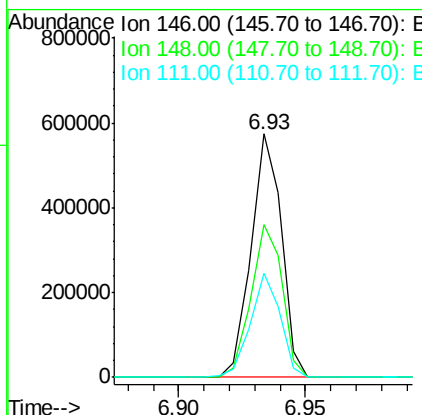
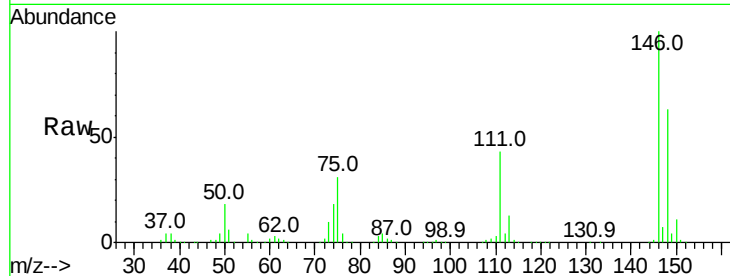
ClientSampleId :

PB102601BS

Tot Ion:	146	Resp:	479236
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.8	76.2
111	42.7	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 42.085 ng

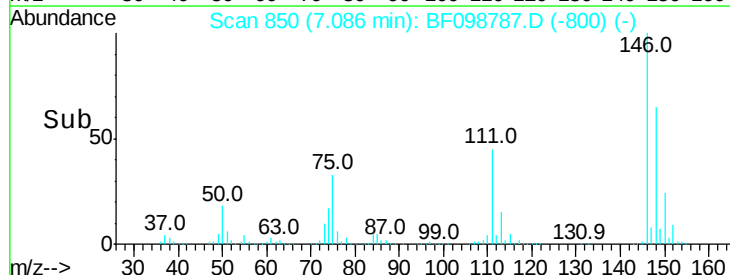
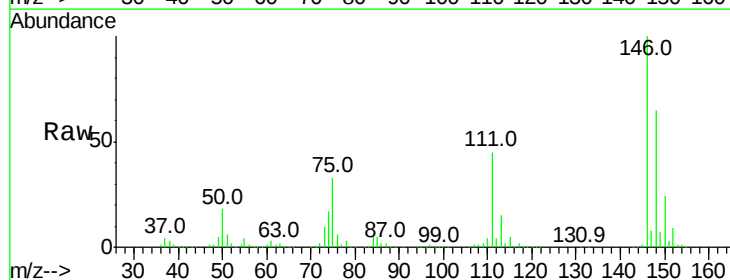
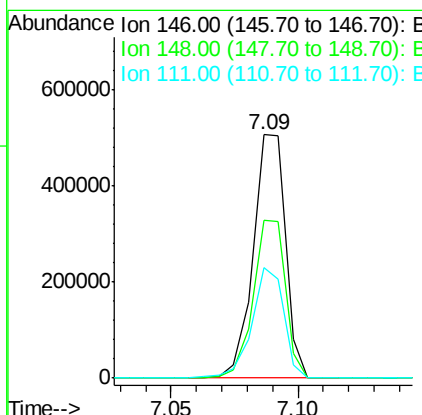
RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion:	146	Resp:	450748
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.6	75.8
111	45.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 46.119 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

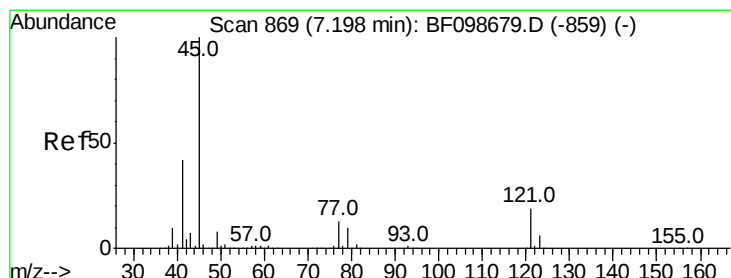
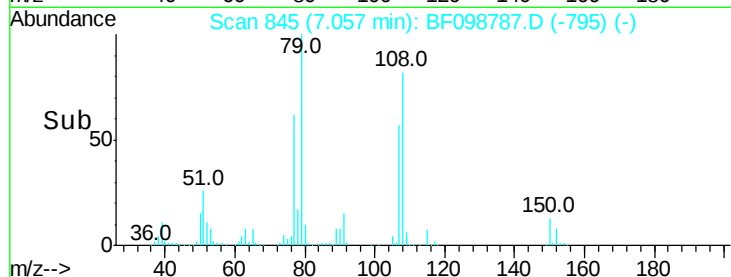
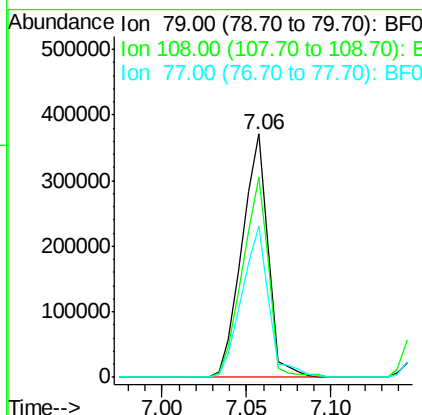
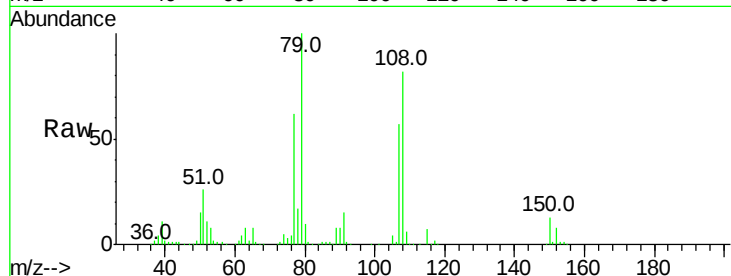
ClientSampleId :

PB102601BS

Tot Ion:	79	Resp:	400928
Ion Ratio	Lower	Upper	
79	100		
108	82.4	65.1	97.7
77	62.1	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.744 ng

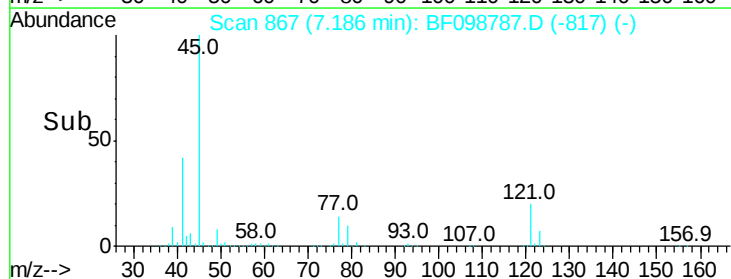
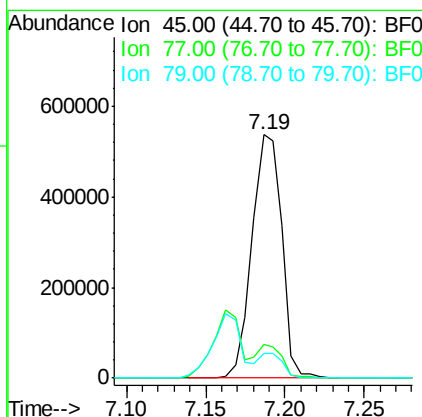
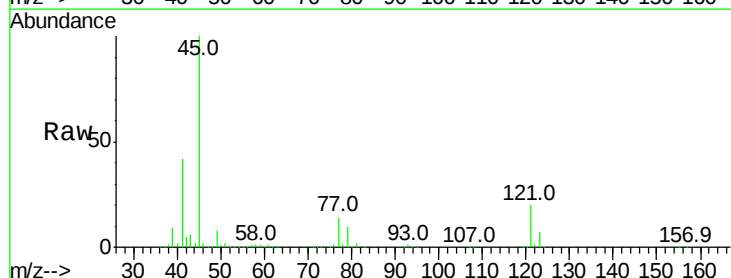
RT: 7.19 min Scan# 867

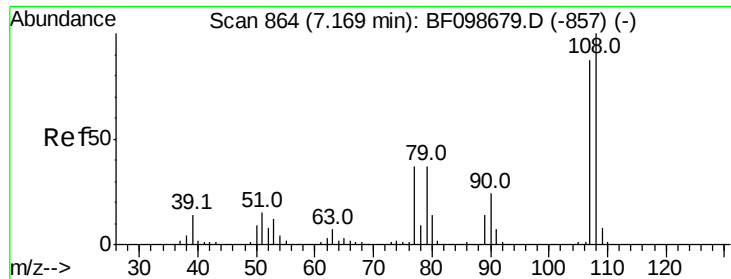
Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion:	45	Resp:	702197
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	32.9
79	10.0	0.0	29.6





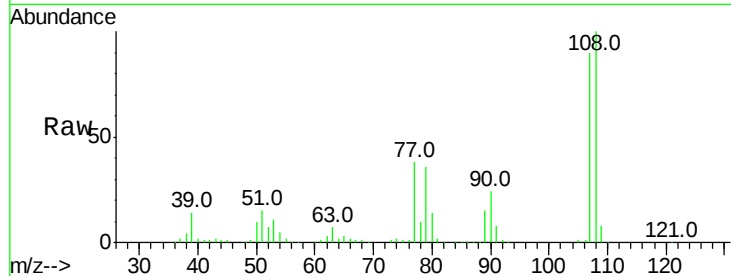
#17
2-Methylphenol
Concen: 45.636 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampleId :
PB102601BS

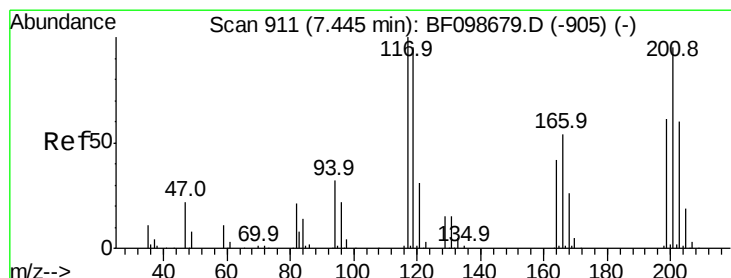
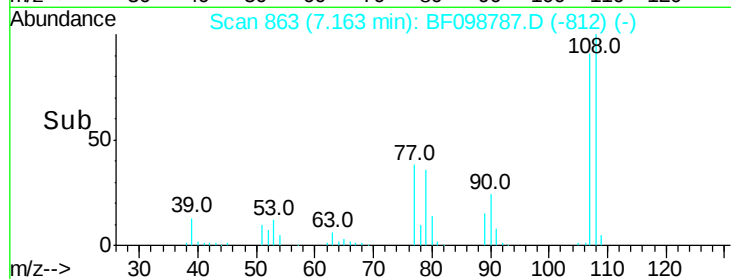
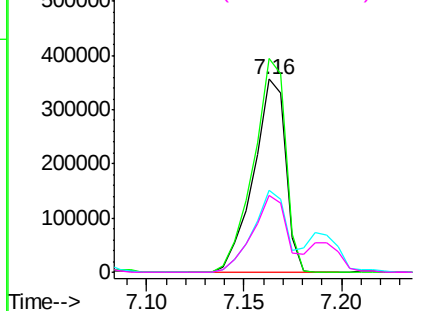
Tot Ion	107	Resp	406213
Ion Ratio	Lower	Upper	
107	100		
108	110.9	91.7	137.5
77	42.6	33.8	50.8
79	40.1	33.8	50.8

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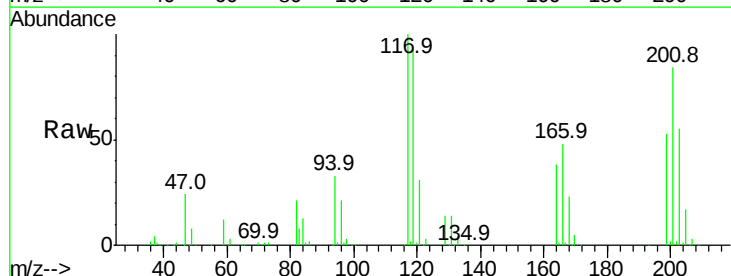


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF0
400000
Ion 79.00 (78.70 to 79.70): BF0
300000
200000
100000
0

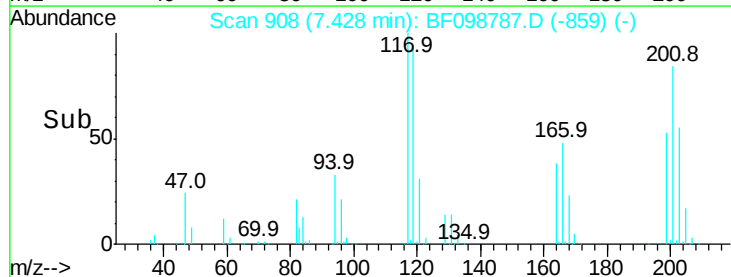
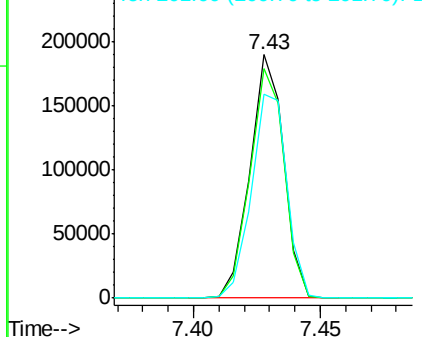


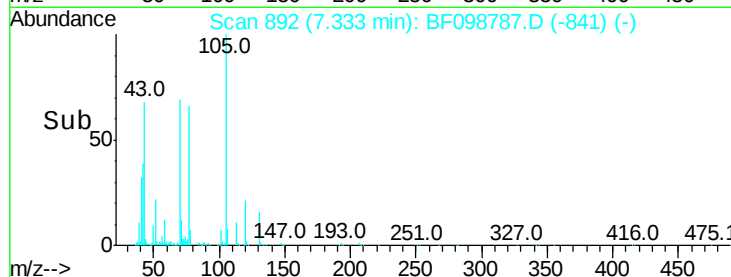
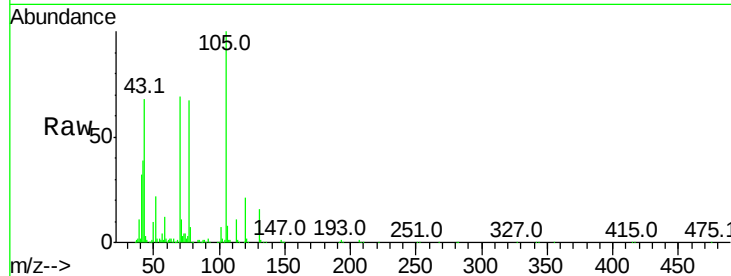
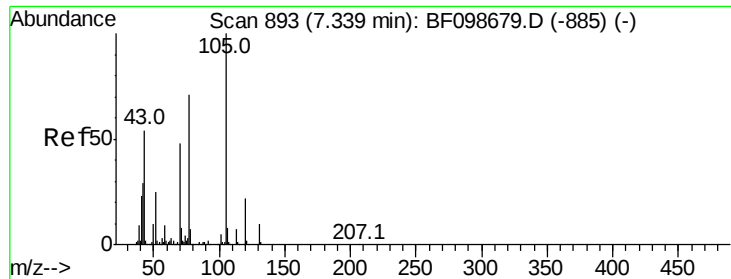
#18
Hexachloroethane
Concen: 42.021 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion	117	Resp	175079
Ion Ratio	Lower	Upper	
117	100		
119	94.4	75.8	113.8
201	83.9	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
250000
Ion 119.00 (118.70 to 119.70): E
200000
Ion 201.00 (200.70 to 201.70): E
150000
100000
50000
0





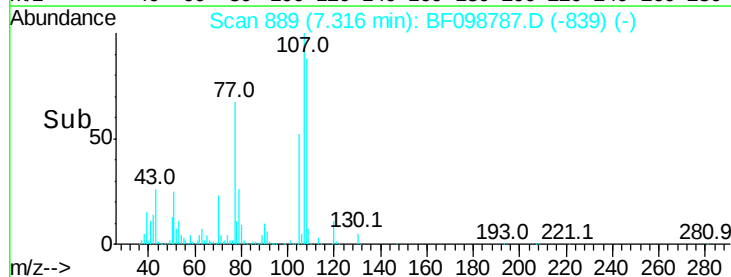
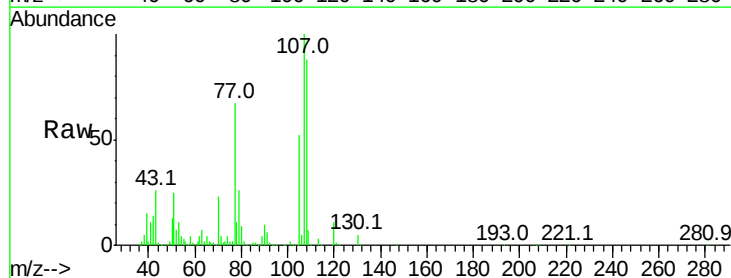
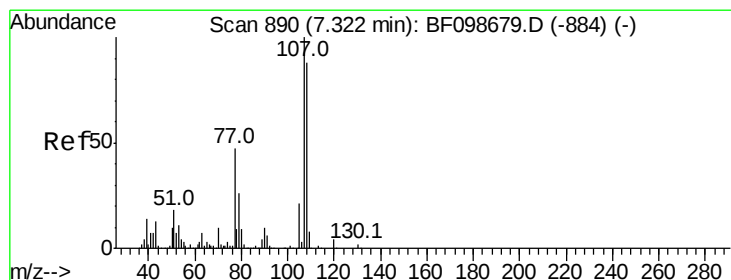
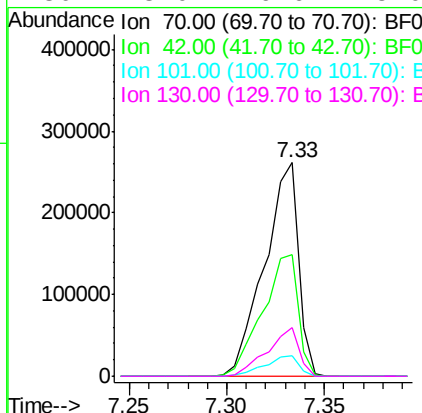
#19
n-Nitroso-di-n-propylamine
Concen: 41.812 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampleId :
PB102601BS

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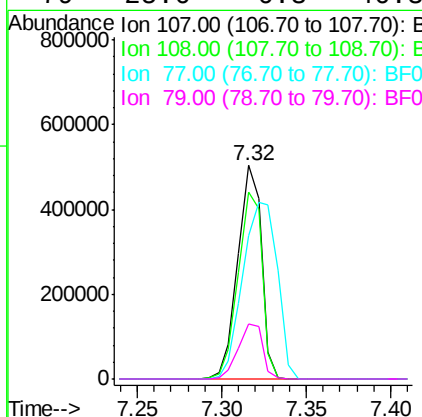
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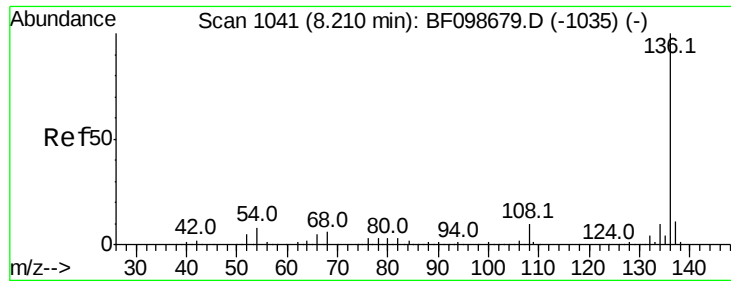
Tot Ion	70	Resp	316345
Ion Ratio	Lower	Upper	
70	100		
42	57.2	47.5	71.3
101	9.5	7.4	11.2
130	23.0	16.6	25.0



#20
3+4-Methylphenols
Concen: 43.616 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion	107	Resp	491138
Ion Ratio	Lower	Upper	
107	100		
108	87.7	68.2	108.2
77	66.9	26.7	66.7#
79	25.6	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

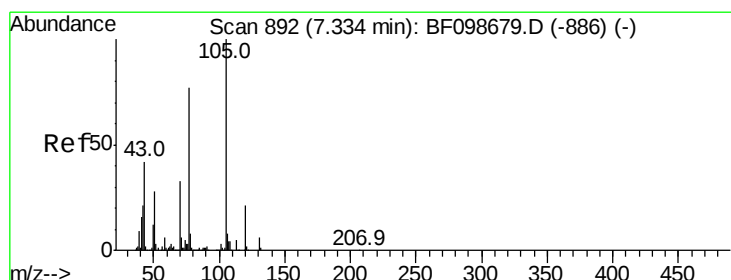
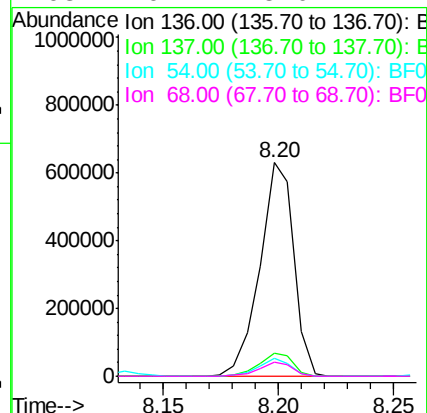
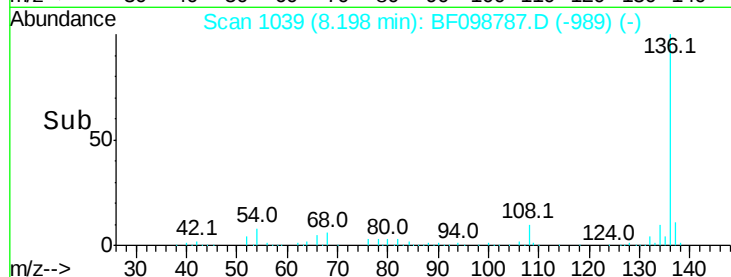
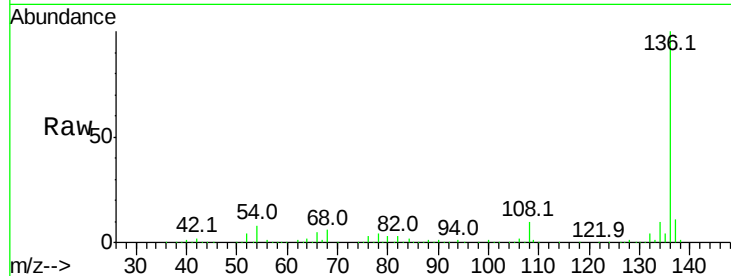
PB102601BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	646966		
137	11.1		8.9	13.3
54	8.3		6.6	9.8
68	6.4		5.0	7.4

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#22

Acetophenone

Concen: 40.375 ng

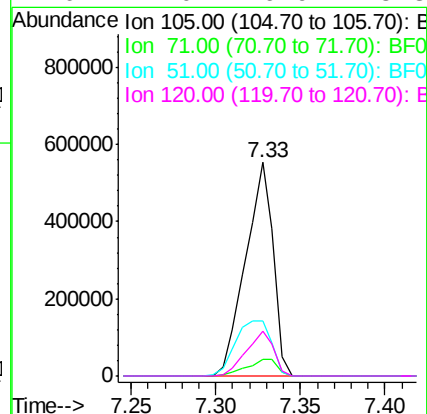
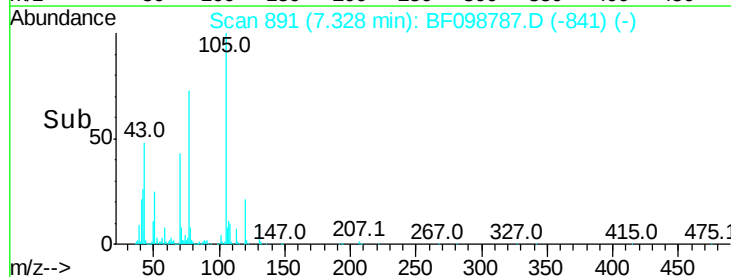
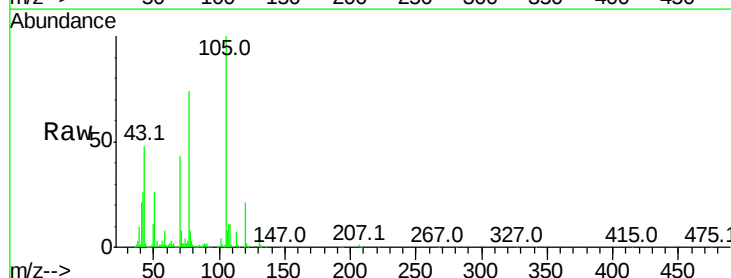
RT: 7.33 min Scan# 891

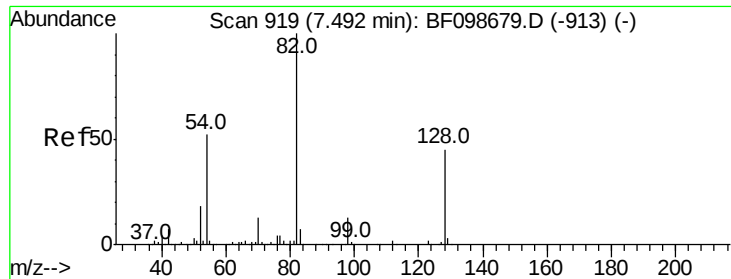
Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	632866		
71	7.9		4.4	6.6#
51	25.9		22.3	33.5
120	21.0		16.9	25.3





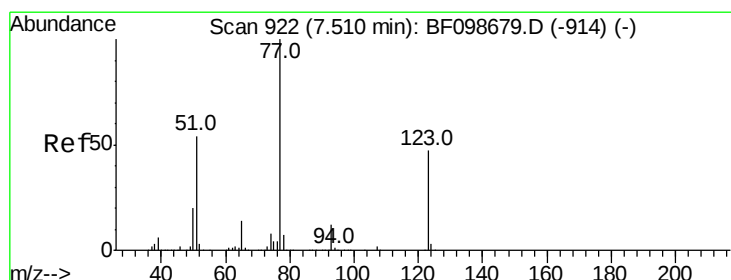
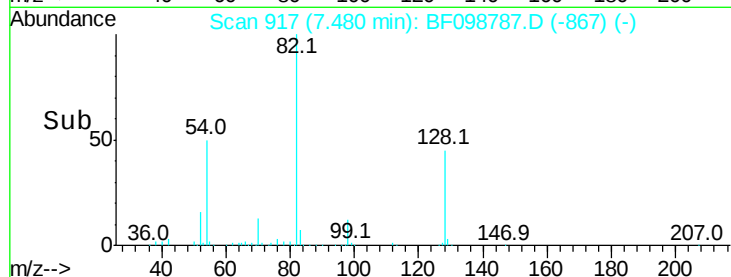
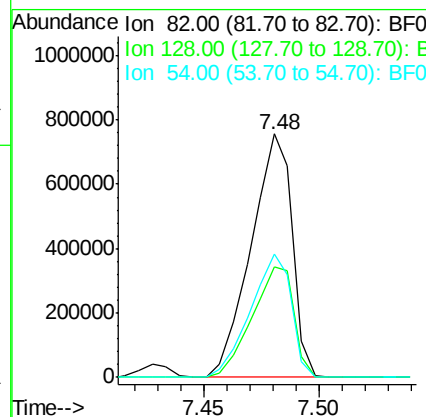
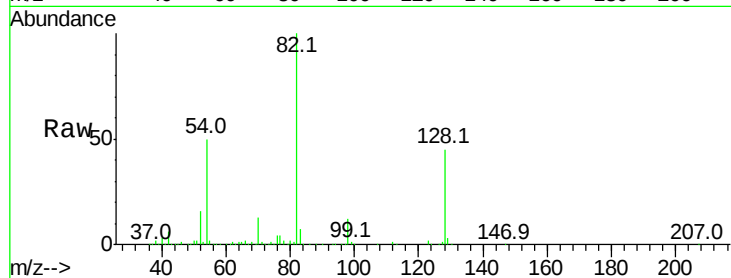
#23
Nitrobenzene-d5
Concen: 92.795 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampleId :
PB102601BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	50.5	41.4	62.2

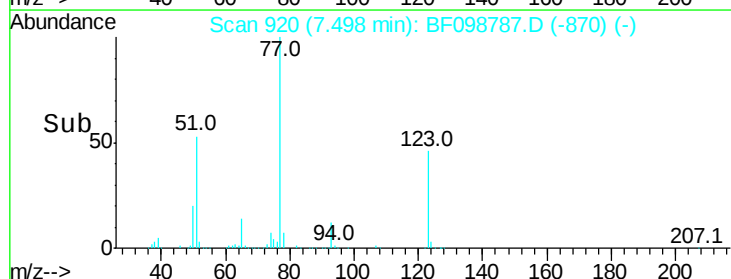
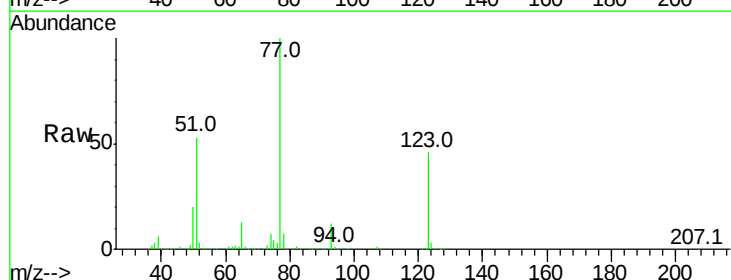
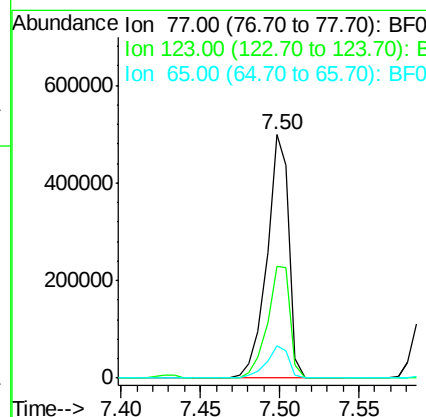
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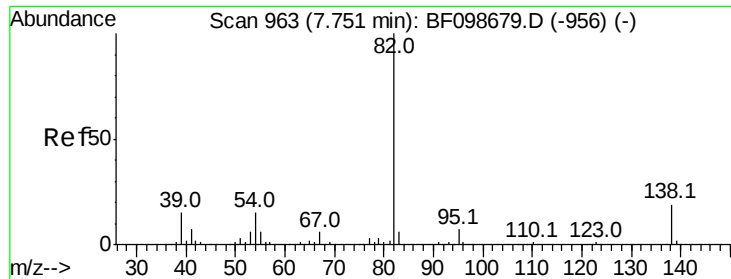
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#24
Nitrobenzene
Concen: 42.268 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 43.224 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

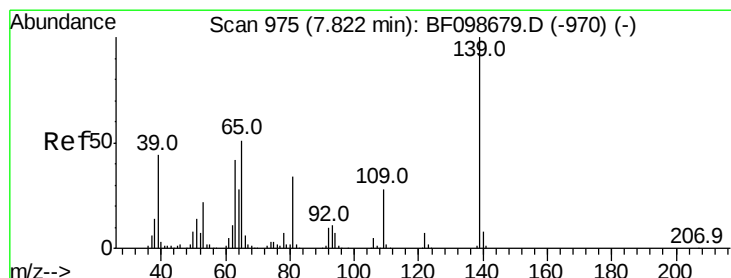
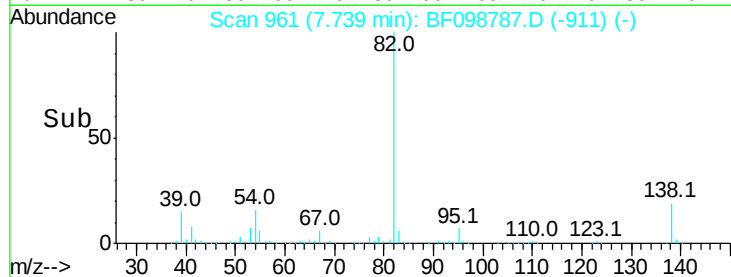
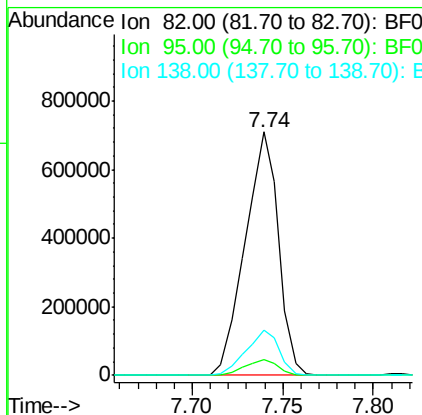
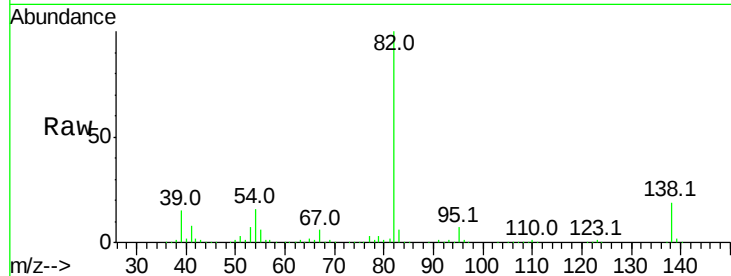
ClientSampleId :

PB102601BS

Tot Ion:	82	Resp:	901556
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	18.8	14.9	22.3

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#26

2-Nitrophenol

Concen: 46.785 ng

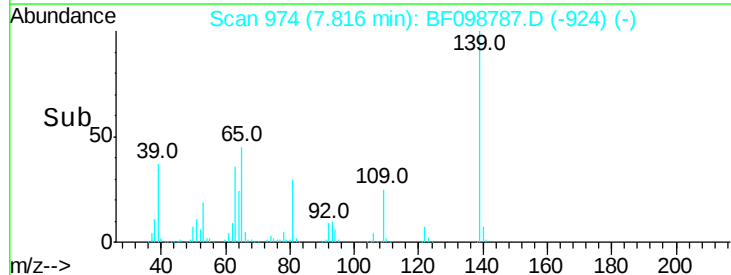
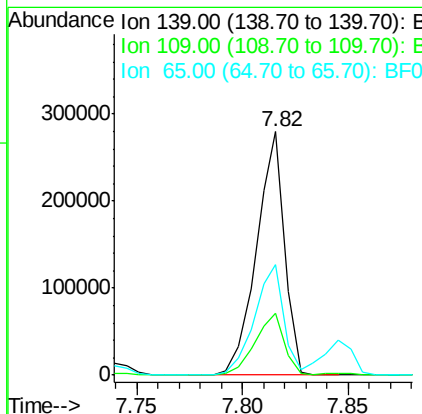
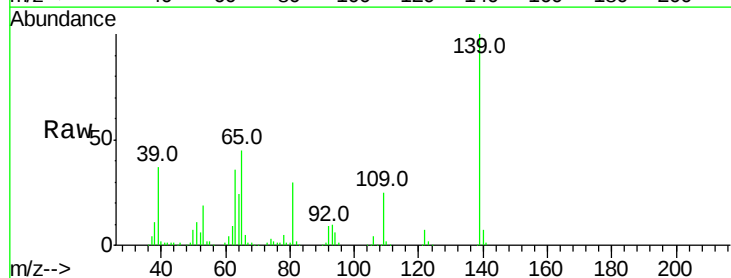
RT: 7.82 min Scan# 974

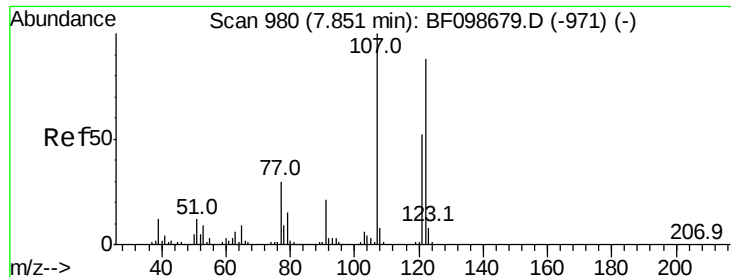
Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion:	139	Resp:	257464
Ion Ratio	Lower	Upper	
139	100		
109	25.4	22.7	34.1
65	45.2	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 43.295 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

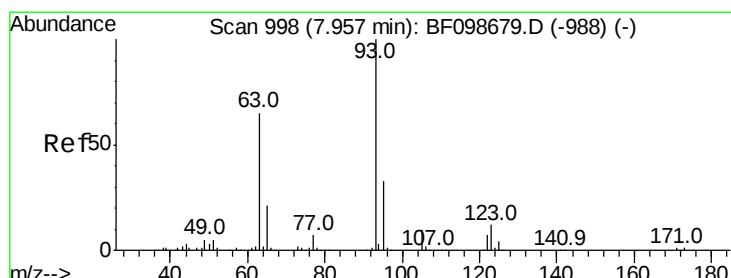
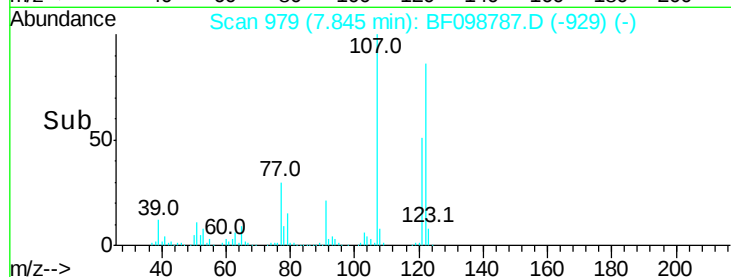
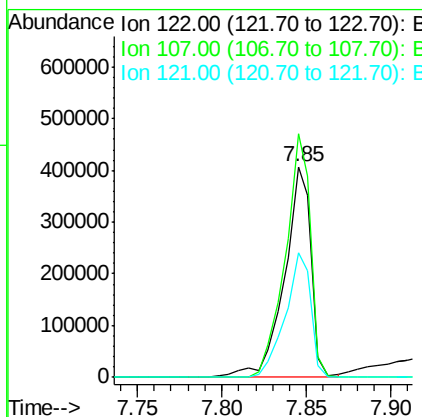
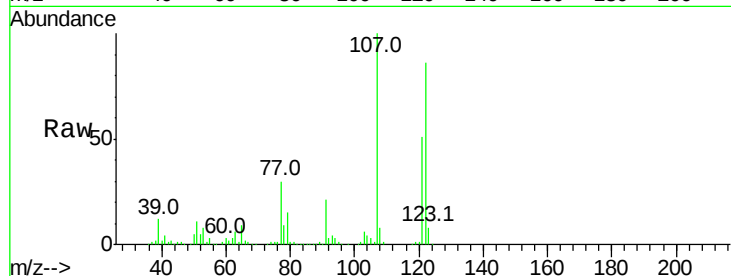
ClientSampleId :

PB102601BS

Tot Ion:	122	Resp:	449950
Ion Ratio	Lower	Upper	
122	100		
107	115.7	91.2	136.8
121	59.0	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 43.871 ng

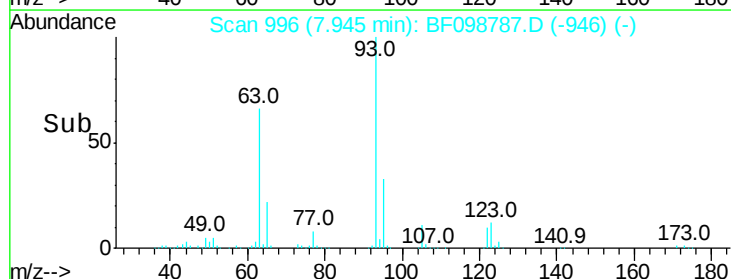
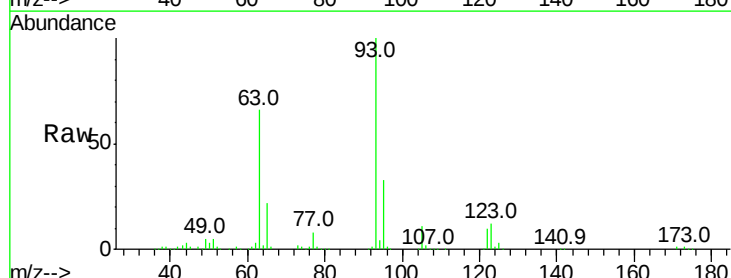
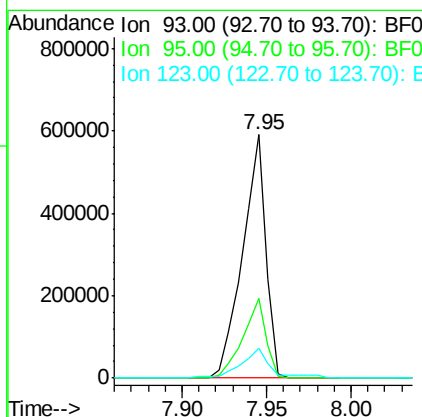
RT: 7.95 min Scan# 996

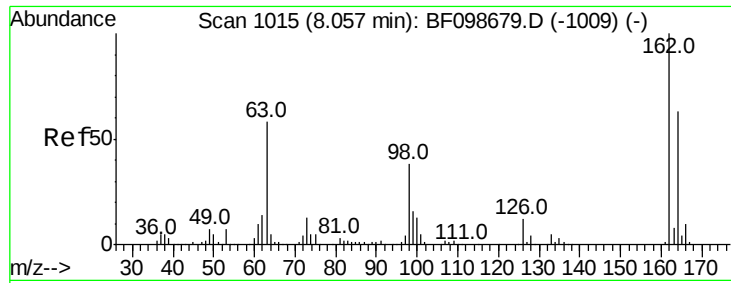
Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion:	93	Resp:	570247
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.3	39.5
123	12.0	9.8	14.6





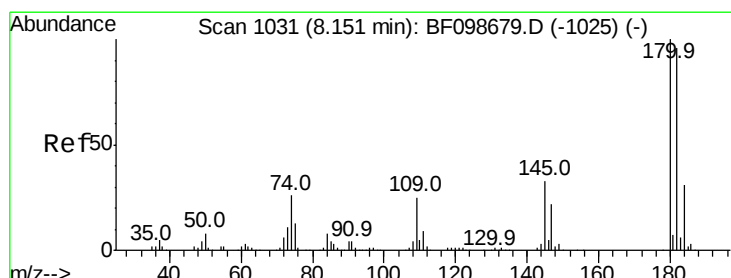
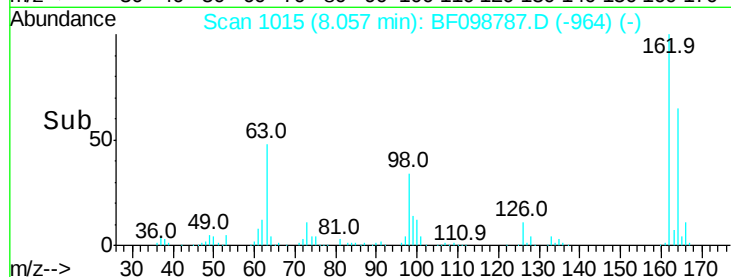
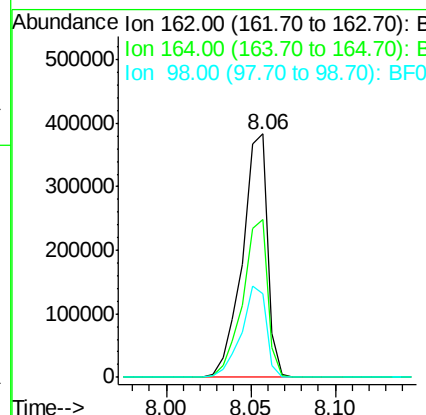
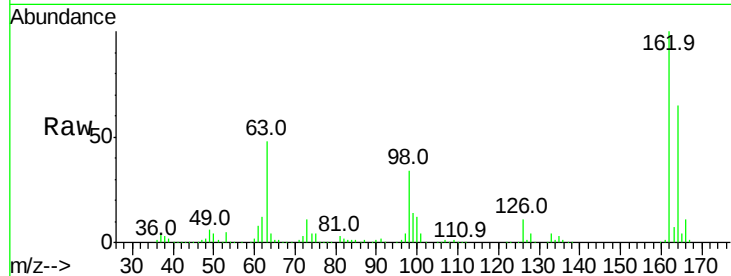
#29
 2,4-Dichlorophenol
 Concen: 44.741 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Instrument :
 BNA_F
 ClientSampled :
 PB102601BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	399221		
164	64.7	42.7	82.7	
98	34.3	18.1	58.1	

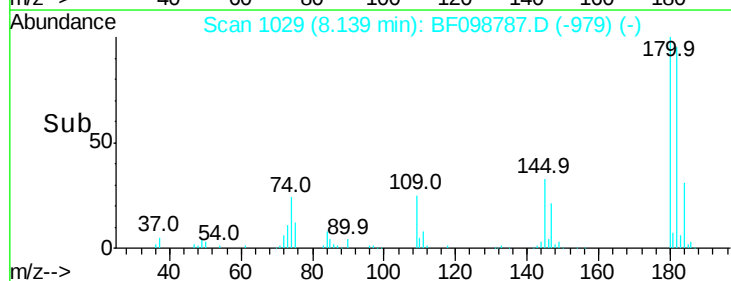
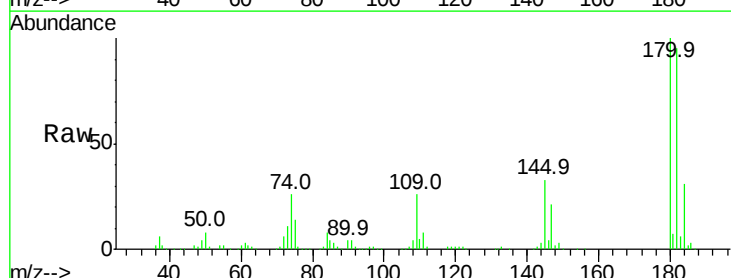
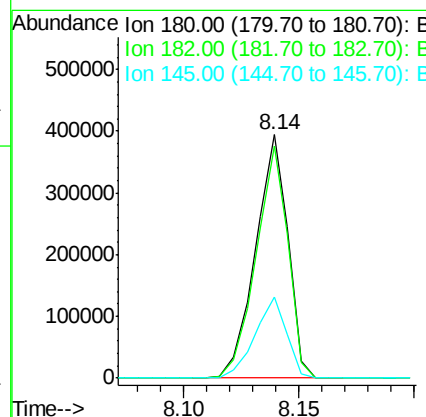
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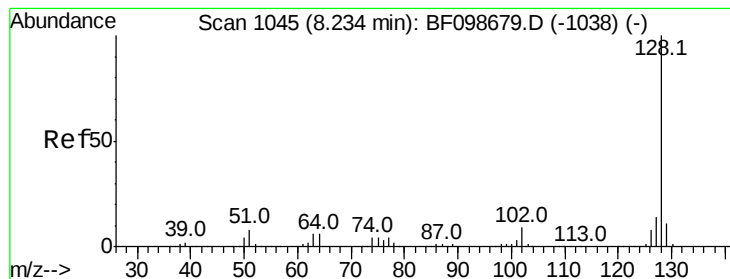
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.131 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	384914		
182	95.1	76.8	115.2	
145	33.1	26.5	39.7	





#31

Naphthalene

Concen: 42.872 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

PB102601BS

Tot Ion:128 Resp: 1302699

Ion Ratio Lower Upper

128 100

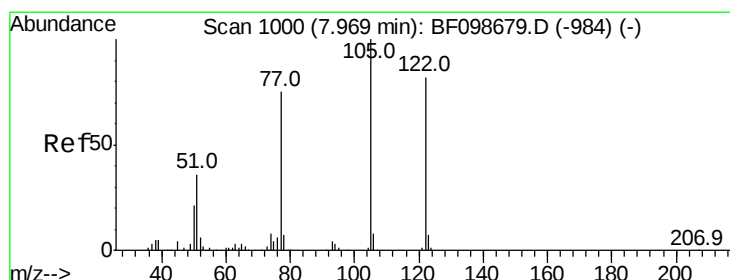
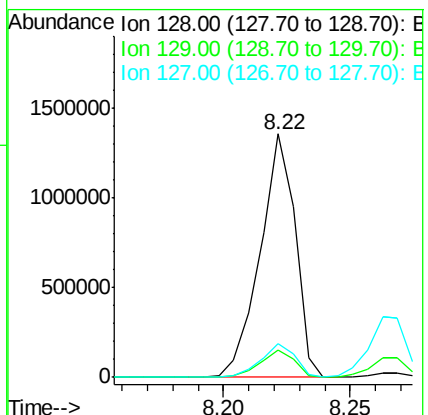
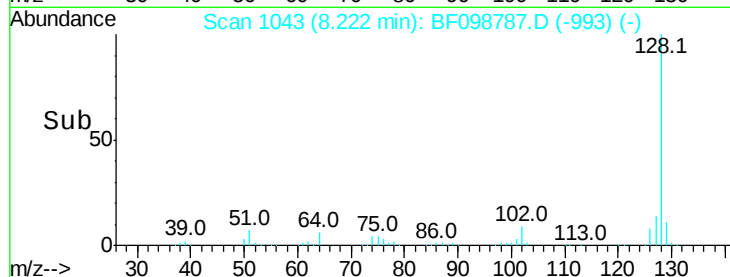
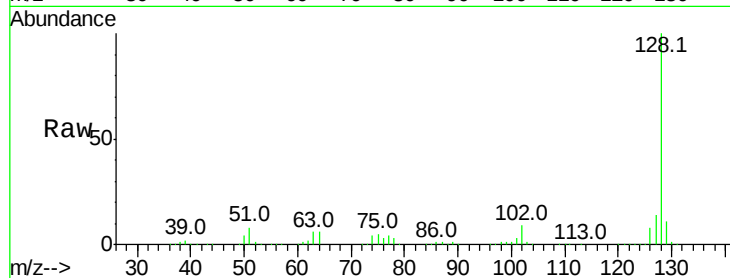
129 11.4 8.8 13.2

127 13.6 10.9 16.3

Manual Integrations
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#32

Benzoic acid

Concen: 38.090 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

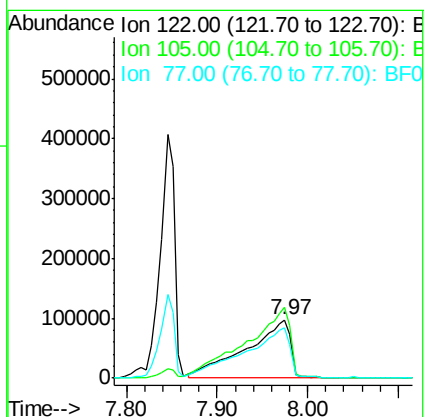
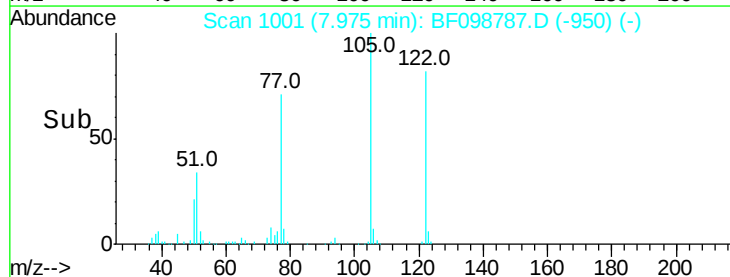
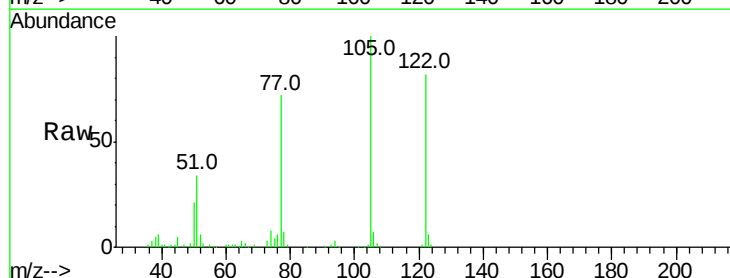
Tgt Ion:122 Resp: 325164

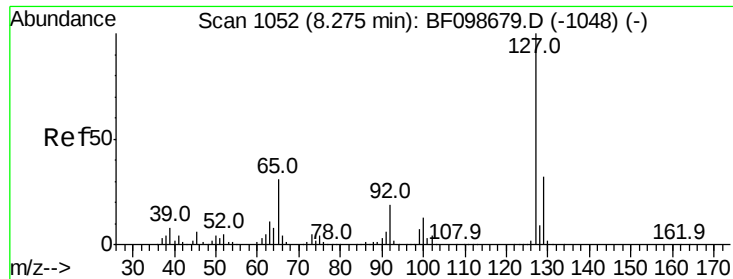
Ion Ratio Lower Upper

122 100

105 122.6 101.1 141.1

77 87.7 70.7 110.7





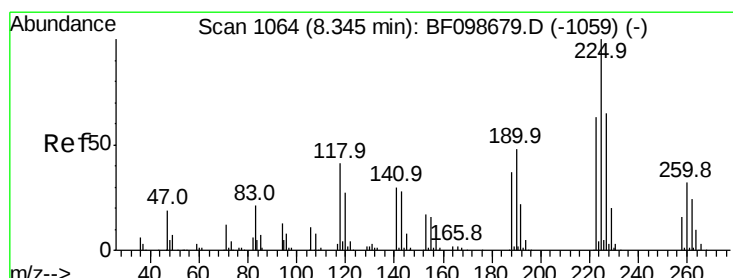
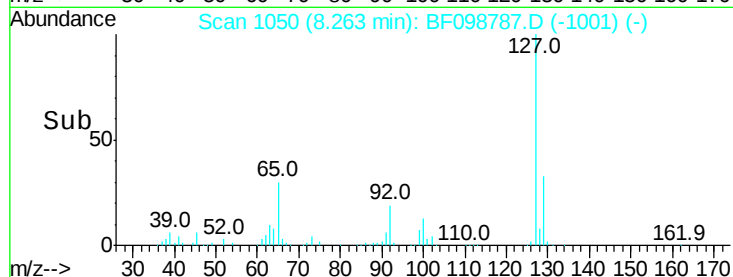
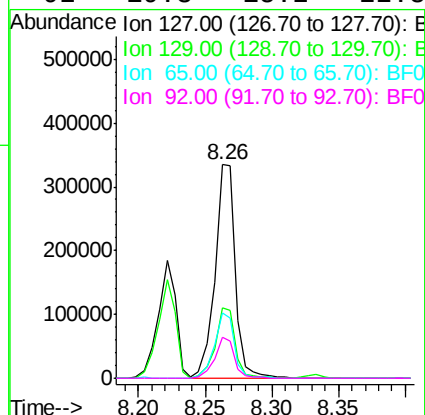
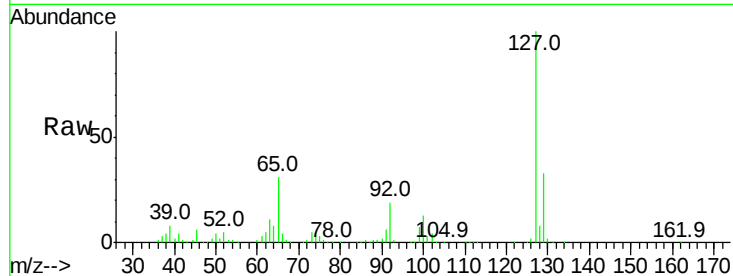
#33
4-Chloroaniline
Concen: 28.286 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampleId :
PB102601BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	25.9	38.9		
65	30.6	25.0	37.4		
92	19.3	15.2	22.8		

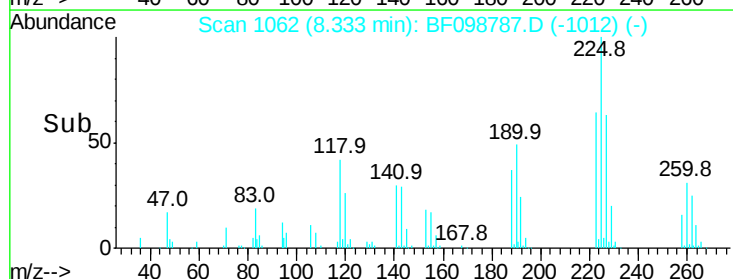
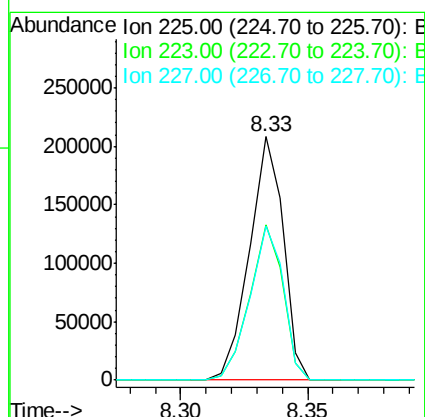
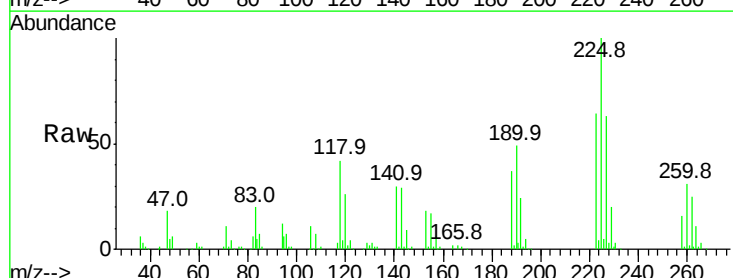
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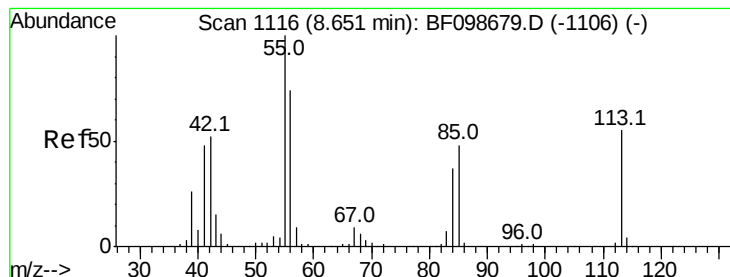
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#34
Hexachlorobutadiene
Concen: 42.198 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	50.6	76.0		
227	63.3	51.9	77.9		





#35

Caprolactam

Concen: 52.694 ng/mL

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

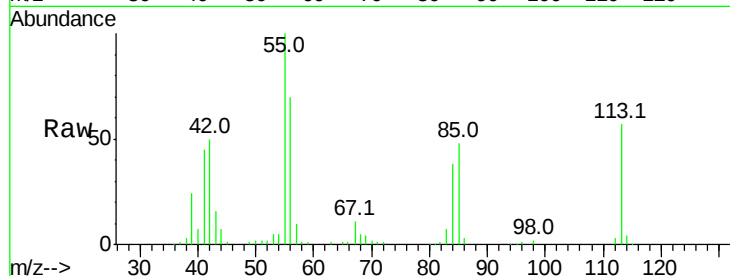
ClientSampled :

PB102601BS

Tot Ion:	113	Resp:	150822
Ion Ratio	Lower	Upper	
113	100		
55	174.3	163.3	203.3
56	122.7	115.7	155.7

Manual Integrations
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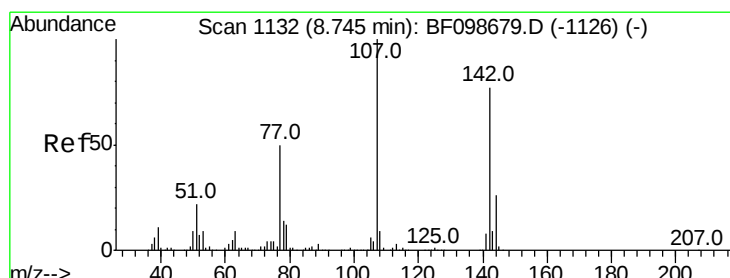
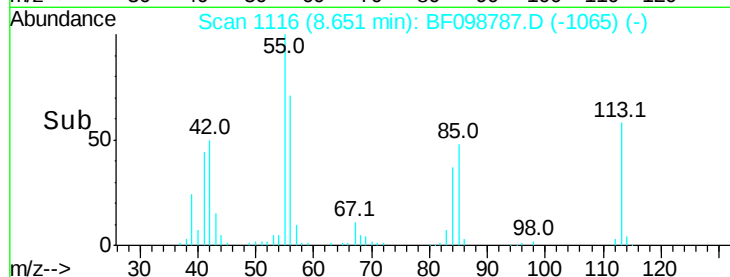
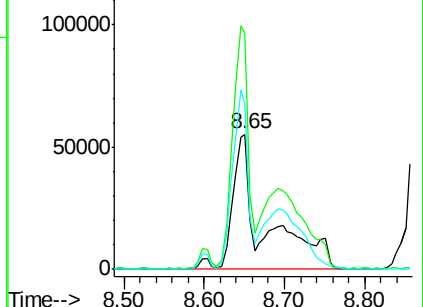
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 44.127 ng/mL

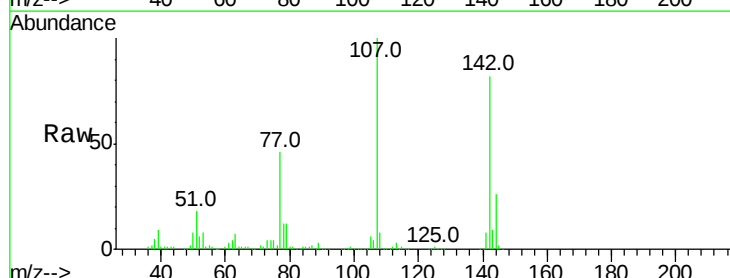
RT: 8.75 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

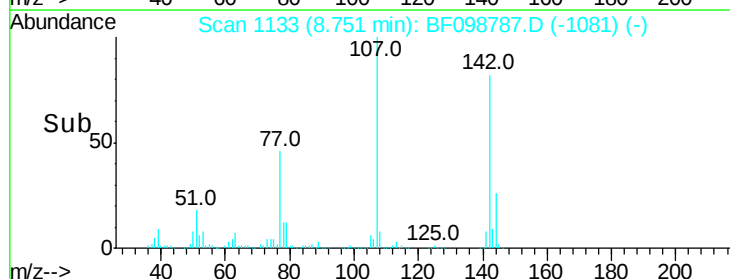
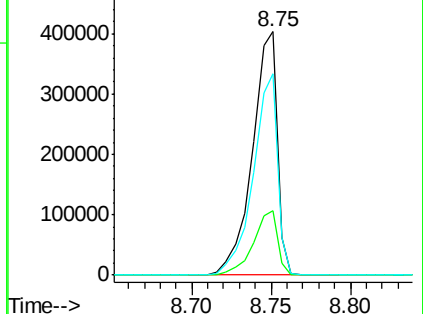
Tgt Ion:	107	Resp:	442557
Ion Ratio	Lower	Upper	
107	100		
144	26.4	20.5	30.7
142	82.4	62.0	93.0

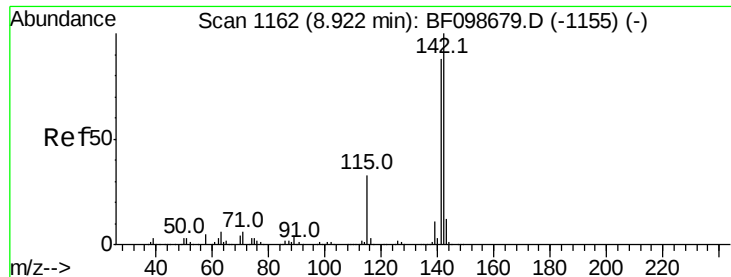


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.411 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF098787.D

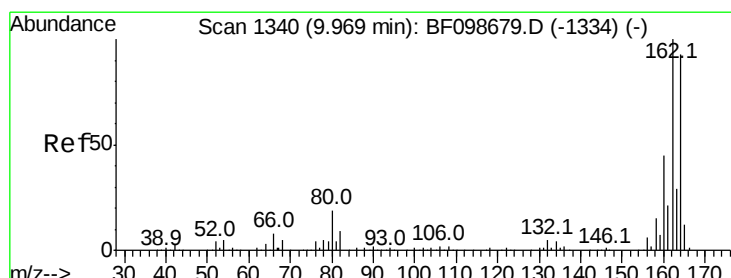
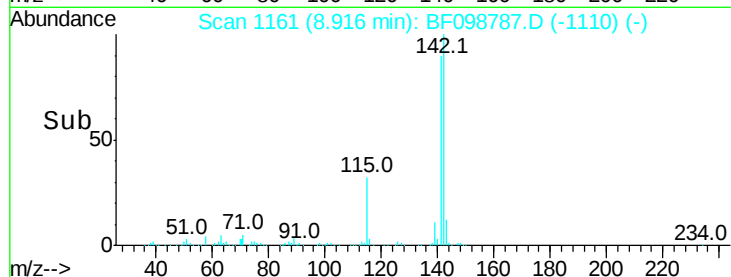
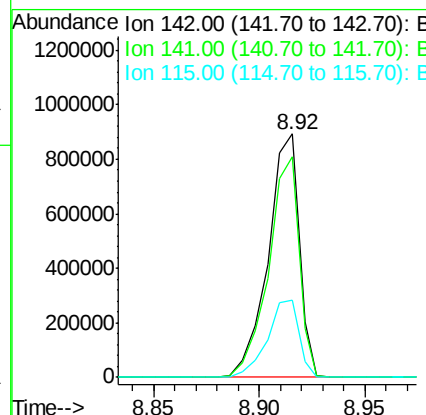
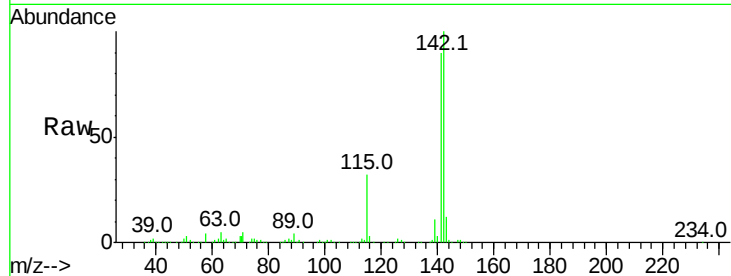
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampleId :
PB102601BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.8	106.2
115	31.9	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

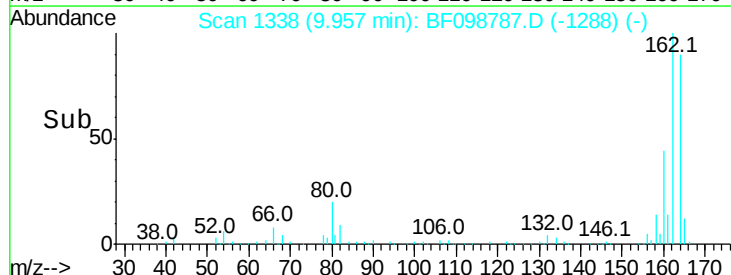
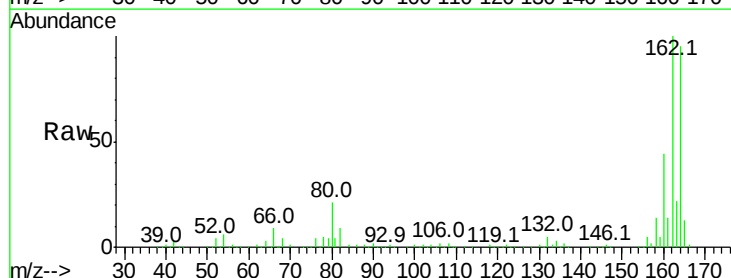
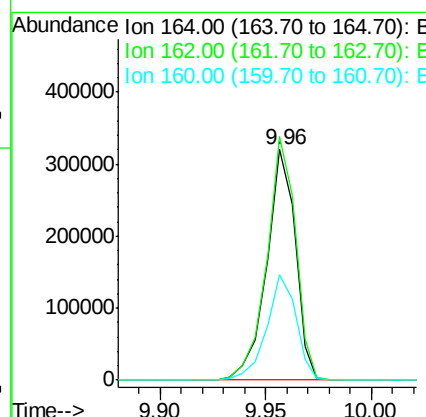
RT: 9.96 min Scan# 1338

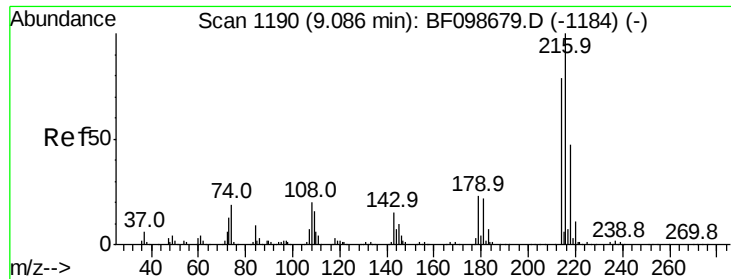
Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	45.9	38.3	57.5





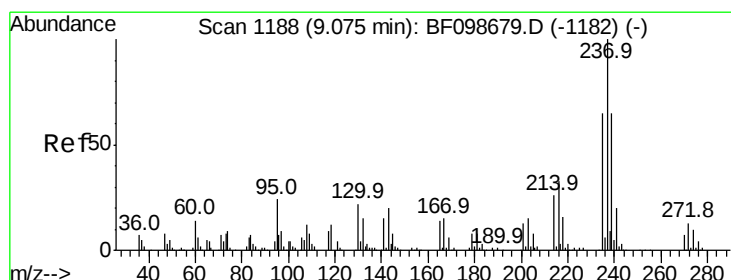
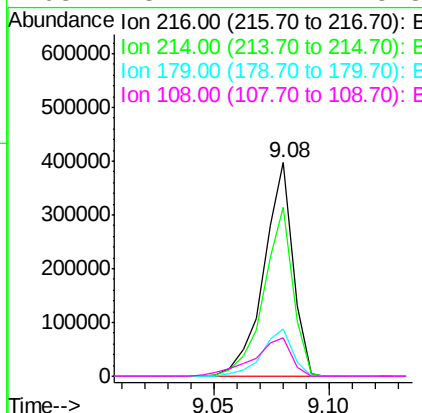
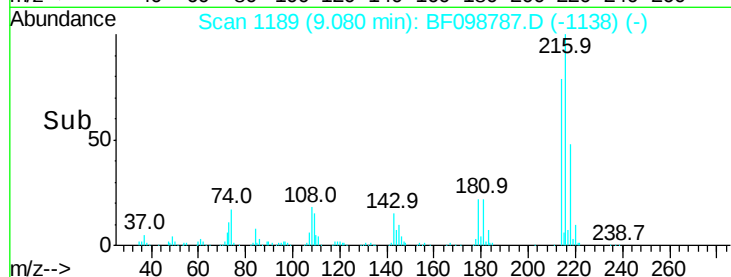
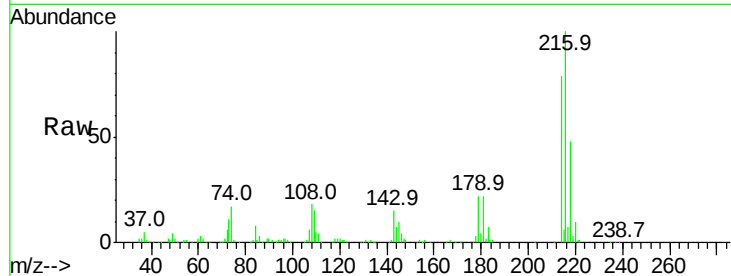
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.224 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102601BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.1	63.0	94.4
179	22.8	18.1	27.1
108	23.4	17.2	25.8

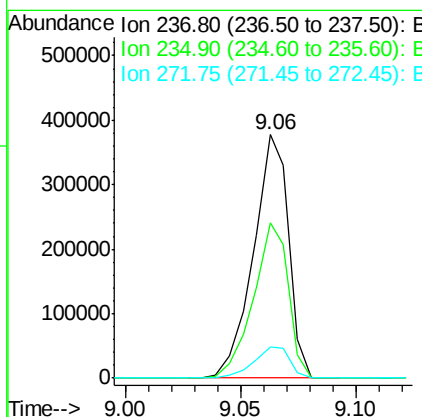
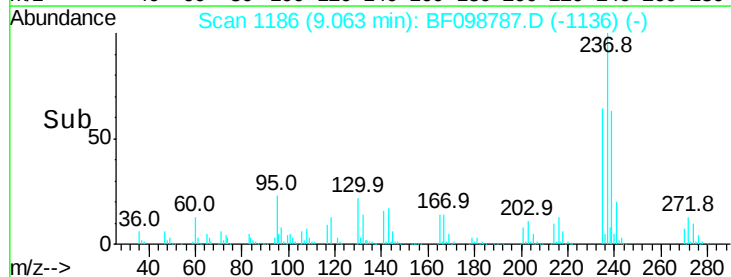
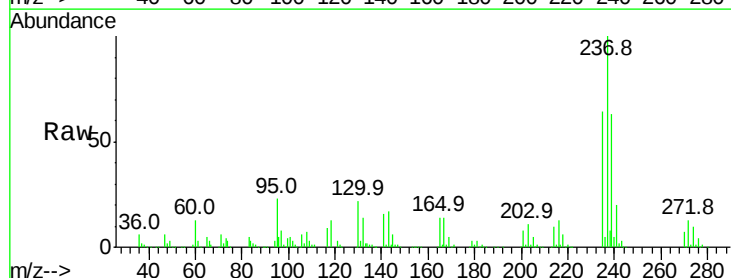
Manual Integrations
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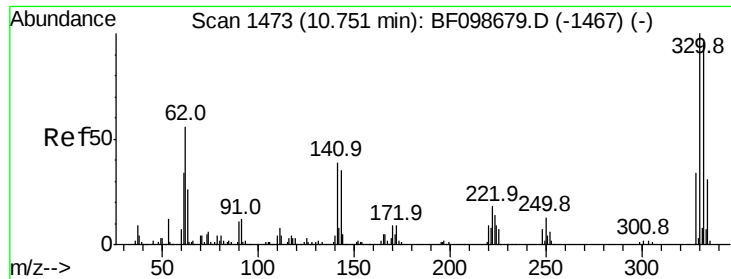
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#40
 Hexachlorocyclopentadiene
 Concen: 96.027 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.7	44.8	84.8
272	12.7	0.0	33.3





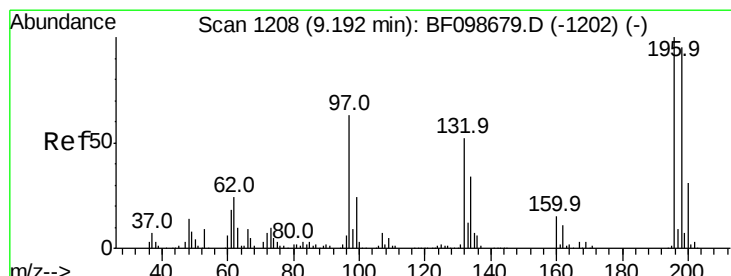
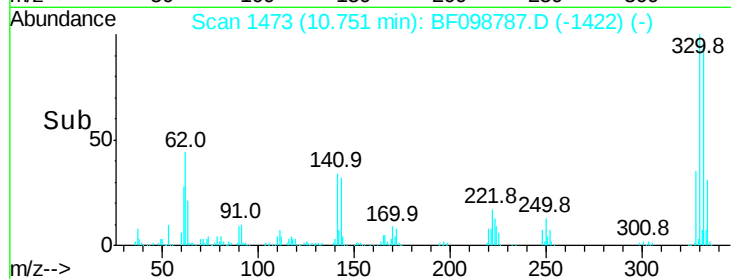
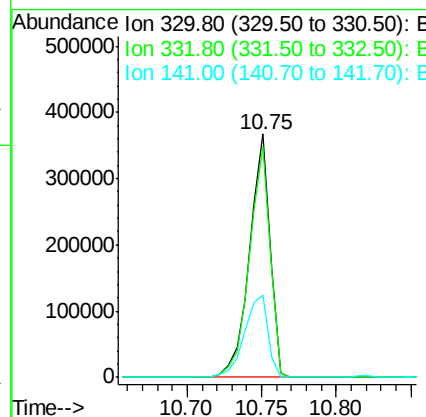
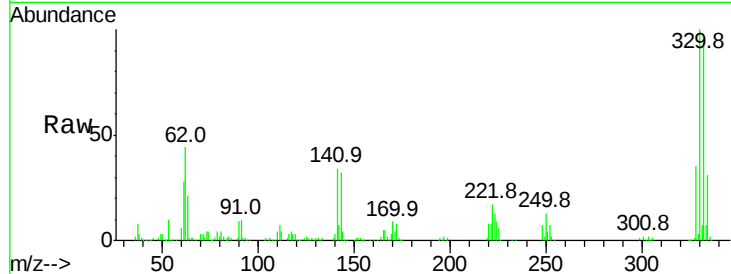
#41
 2,4,6-Tribromophenol
 Concen: 139.095 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102601BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	347693		
332	96.0	77.0	115.6	
141	38.9	29.9	44.9	

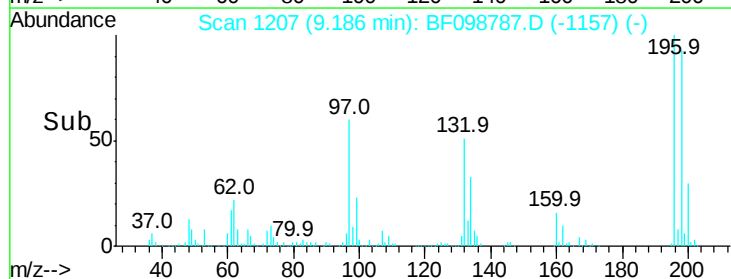
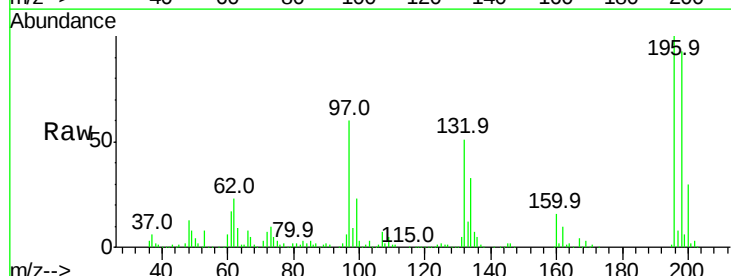
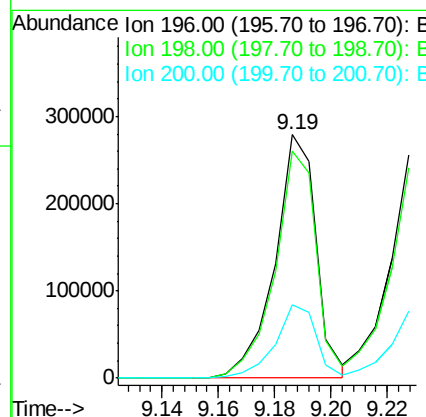
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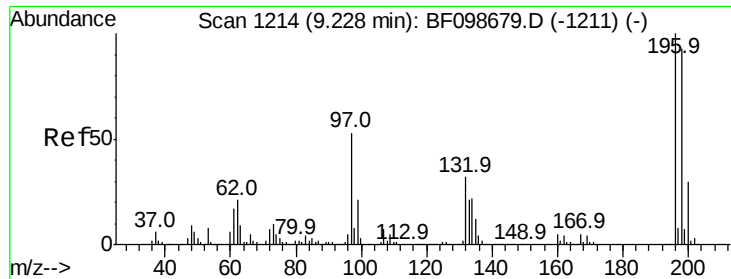
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#42
 2,4,6-Trichlorophenol
 Concen: 43.654 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281748		
198	93.3	75.7	113.5	
200	30.0	24.5	36.7	





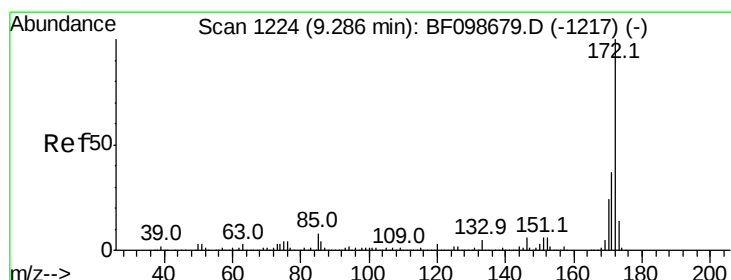
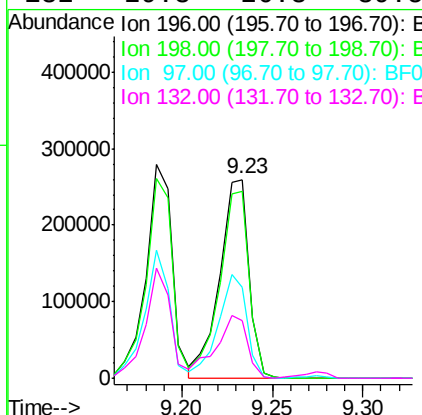
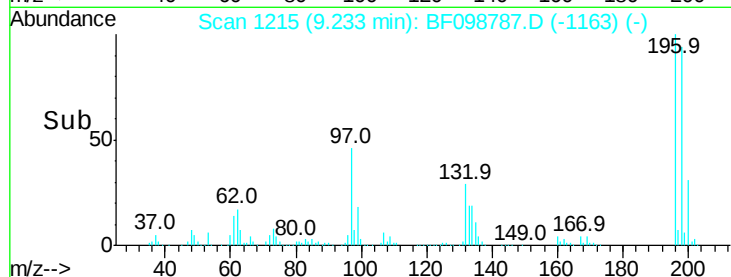
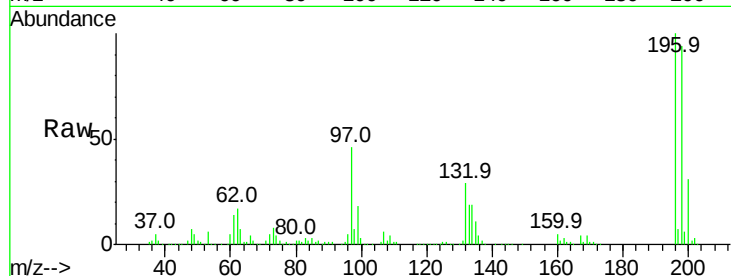
#43
 2,4,5-Trichlorophenol
 Concen: 45.445 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Instrument :
 BNA_F
 ClientSampled :
 PB102601BS

Tot Ion:	196	Resp:	292793
Ion Ratio	Lower	Upper	
196	100		
198	94.4	74.6	112.0
97	45.8	42.9	64.3
132	29.3	26.3	39.5

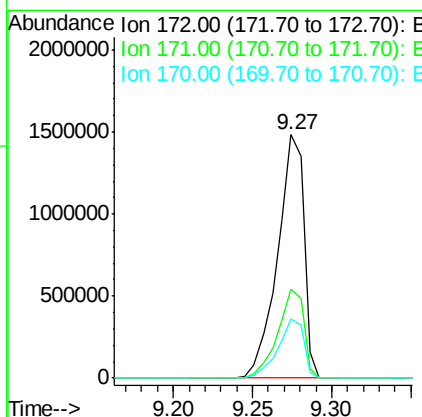
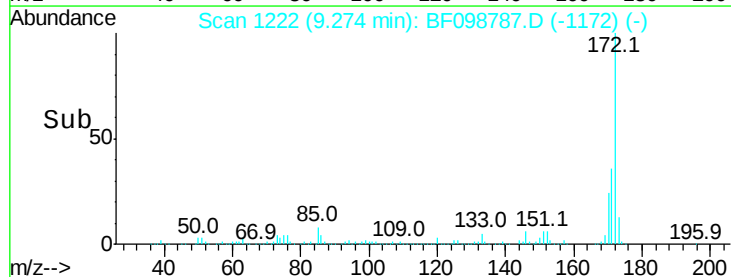
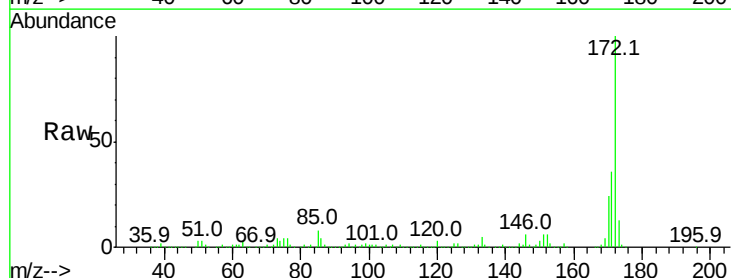
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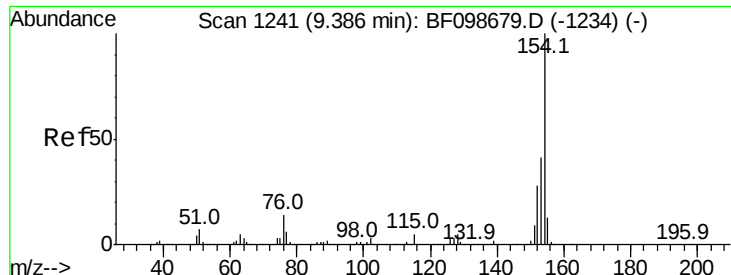
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#44
 2-Fluorobiphenyl
 Concen: 93.419 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion:	172	Resp:	1709468
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.7	44.5
170	24.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 40.492 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampled :

PB102601BS

Tot Ion:154 Resp: 1063087

Ion Ratio Lower Upper

154 100

153 40.4 21.3 61.3

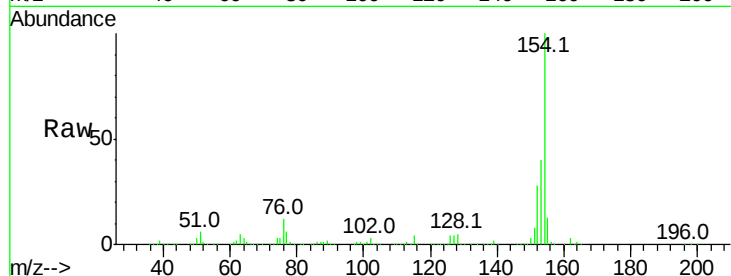
76 12.3 0.0 34.0

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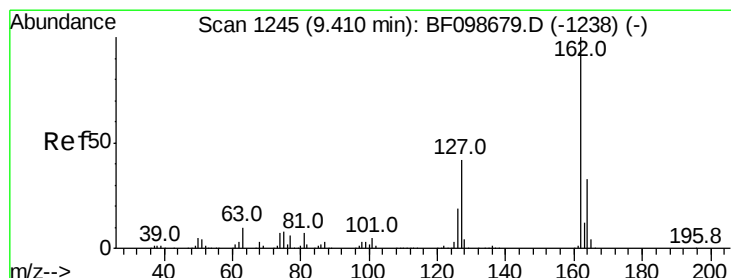
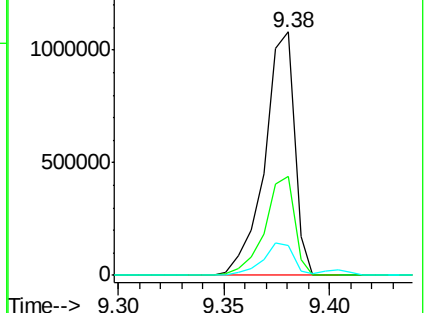
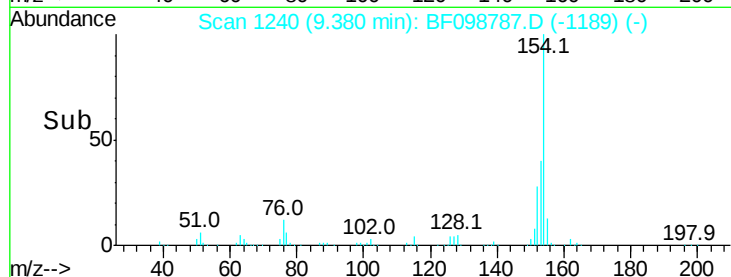
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.578 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

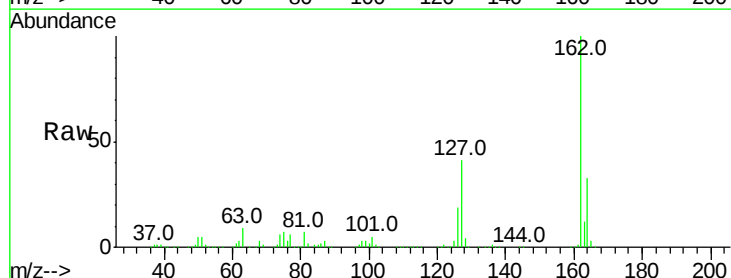
Tgt Ion:162 Resp: 839327

Ion Ratio Lower Upper

162 100

127 40.5 33.9 50.9

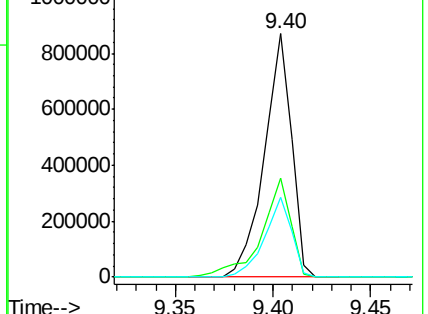
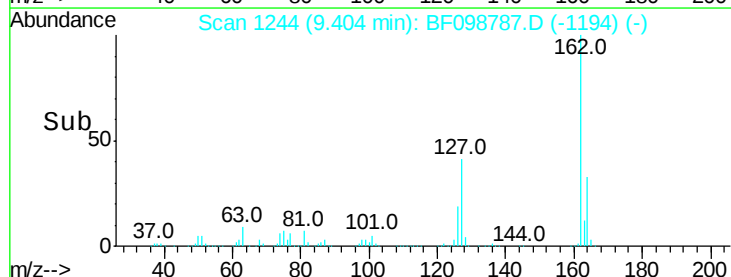
164 32.9 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.994 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

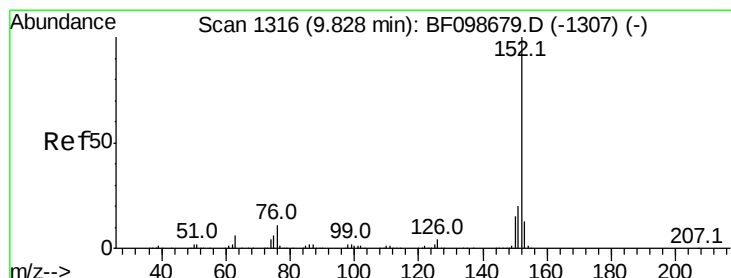
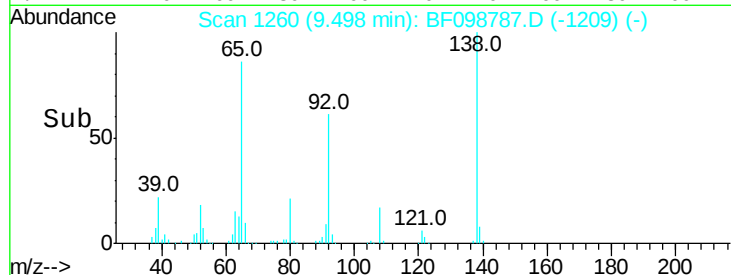
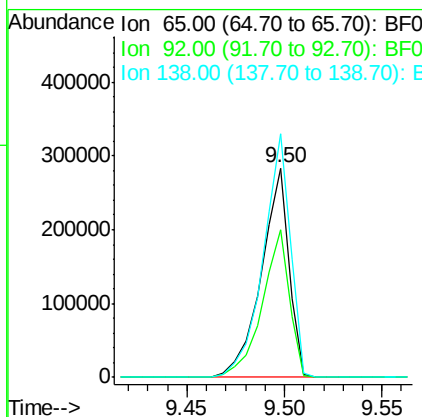
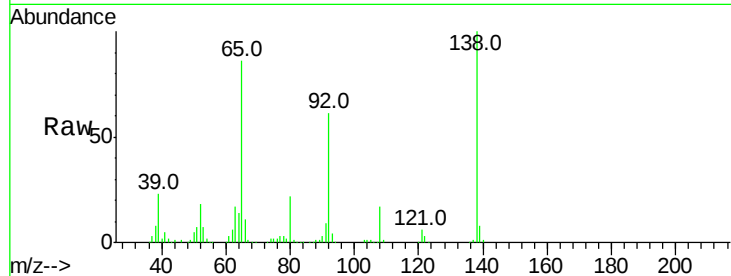
ClientSampleId :

PB102601BS

Tot Ion:	65	Resp:	277615
Ion Ratio	Lower	Upper	
65	100		
92	70.5	55.8	83.6
138	116.3	91.2	136.8

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#48

Acenaphthylene

Concen: 42.931 ng

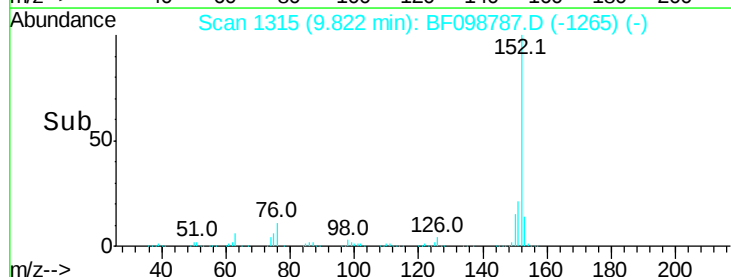
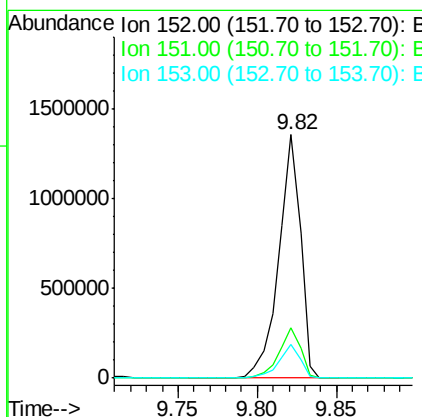
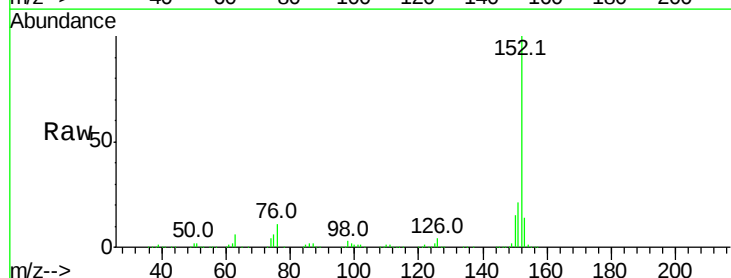
RT: 9.82 min Scan# 1315

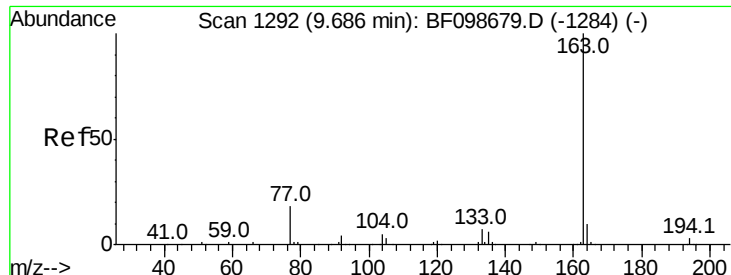
Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion:	152	Resp:	1295516
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.6	10.7	16.1





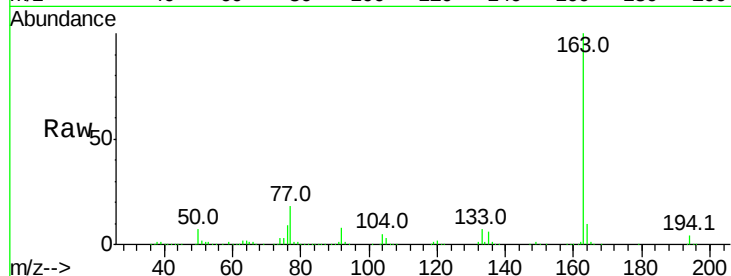
#49
Dimethylphthalate
Concen: 44.226 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampled :
PB102601BS

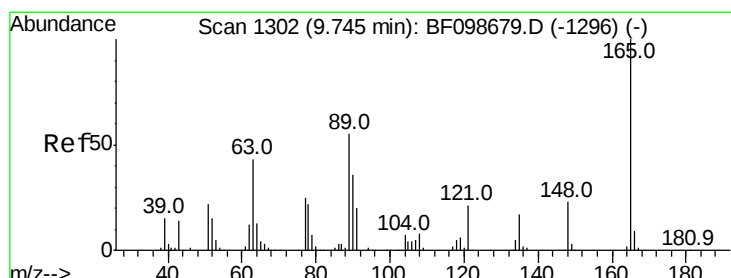
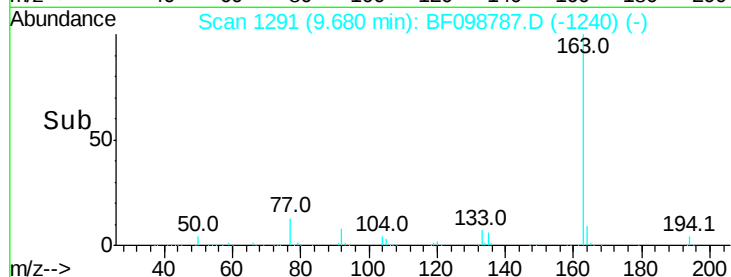
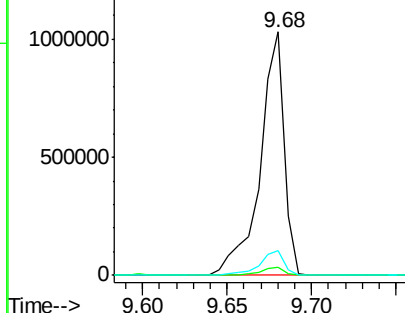
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.1	8.2	12.2

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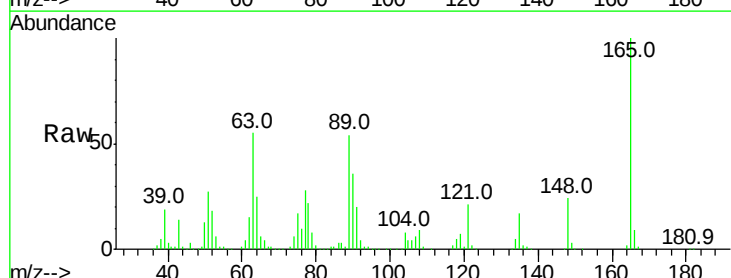


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

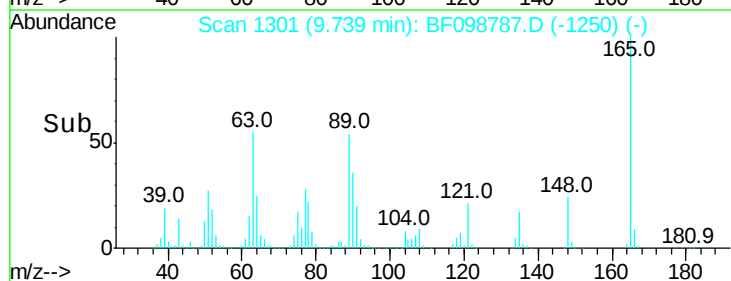
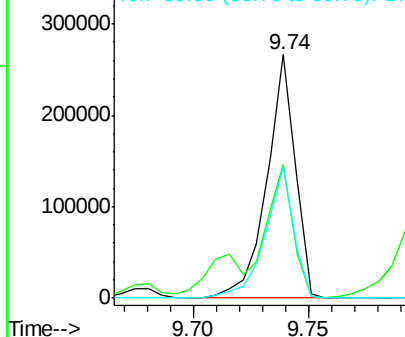


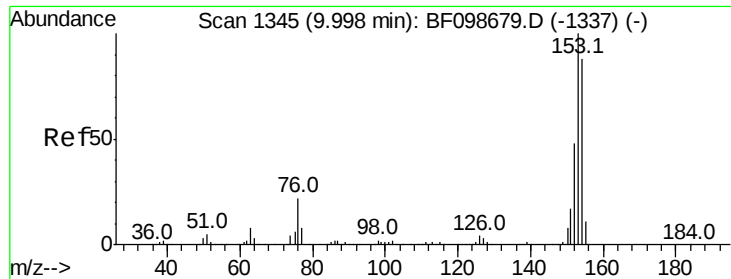
#50
2,6-Dinitrotoluene
Concen: 45.508 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.0	44.7	67.1
89	53.7	44.0	66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.498 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

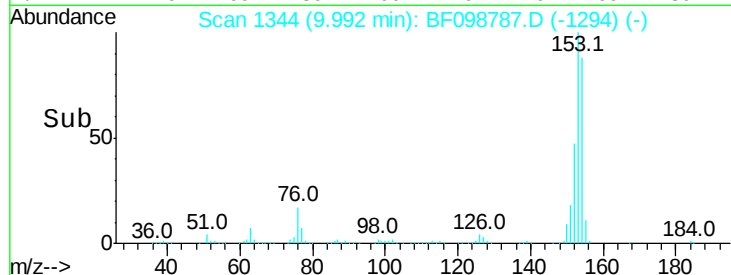
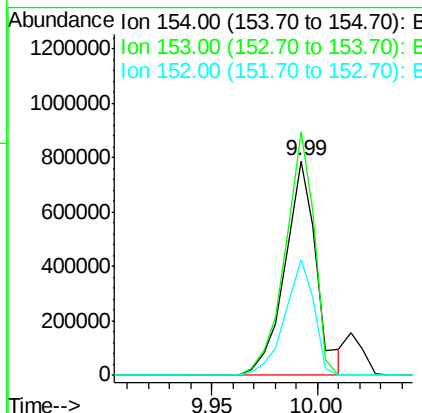
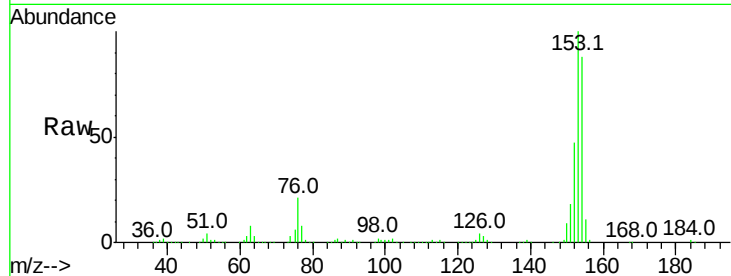
ClientSampleId :

PB102601BS

Tot Ion:	154	Resp:	812367
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.2	136.8
152	53.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 33.865 ng

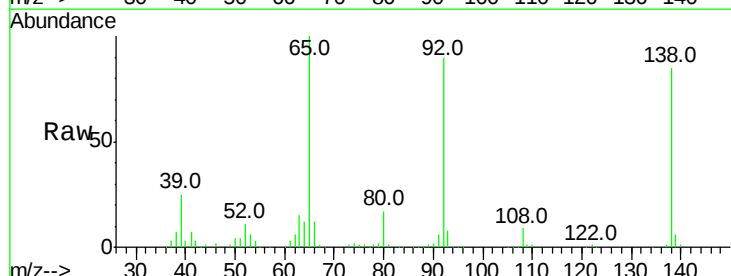
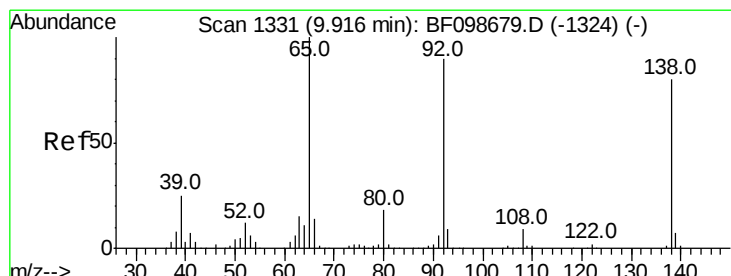
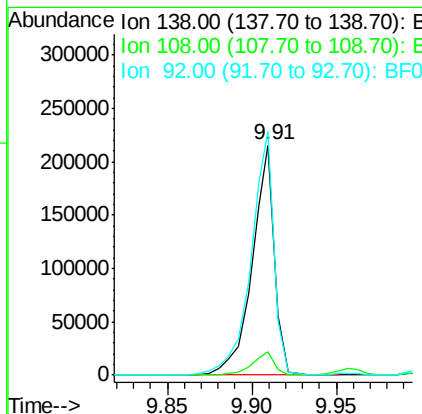
RT: 9.91 min Scan# 1330

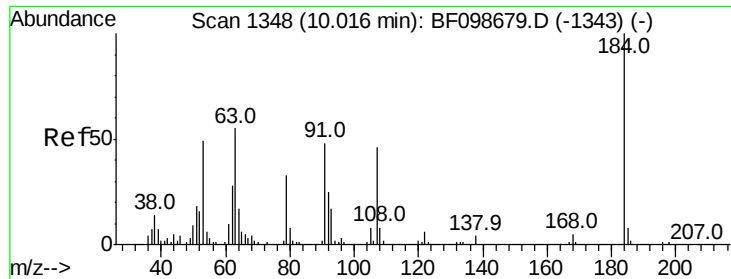
Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion:	138	Resp:	198203
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.4	14.0
92	106.0	89.4	134.2





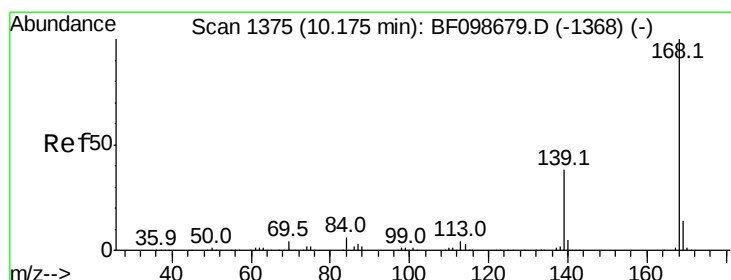
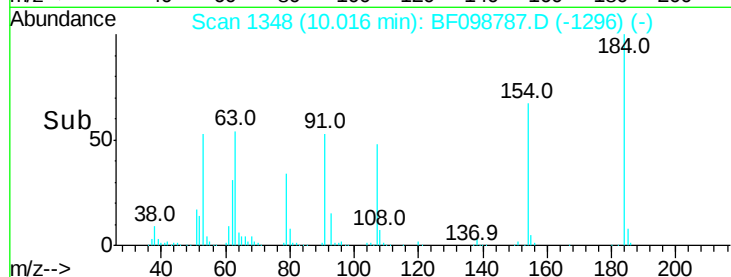
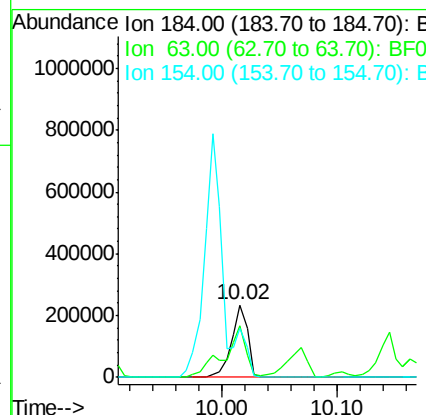
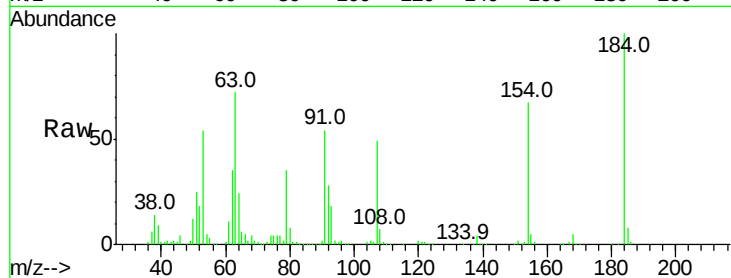
#53
 2,4-Dinitrophenol
 Concen: 86.639 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Instrument :
 BNA_F
 ClientSampled :
 PB102601BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.0	54.2	81.2
154	67.3	53.5	80.3

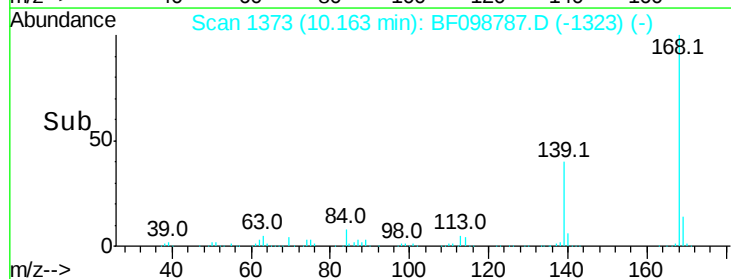
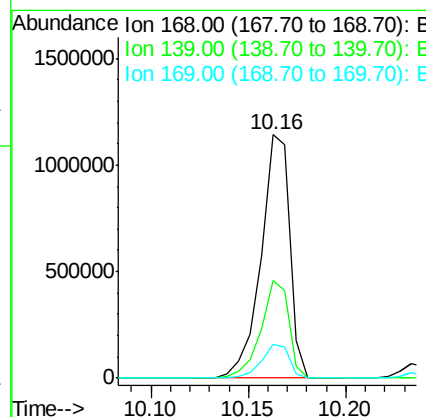
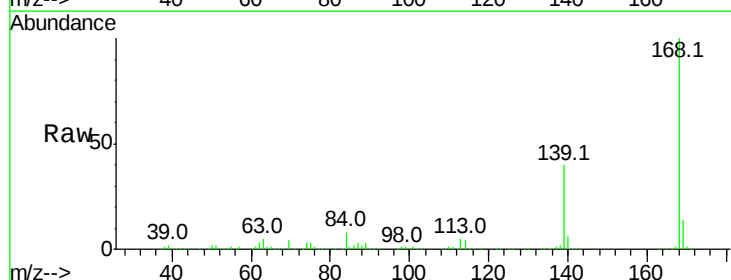
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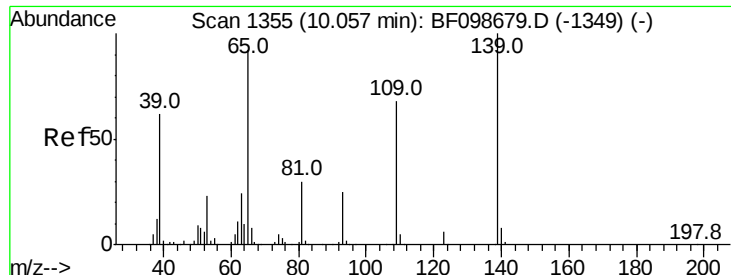
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#54
 Dibenzofuran
 Concen: 45.779 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.1	45.1
169	14.0	10.9	16.3





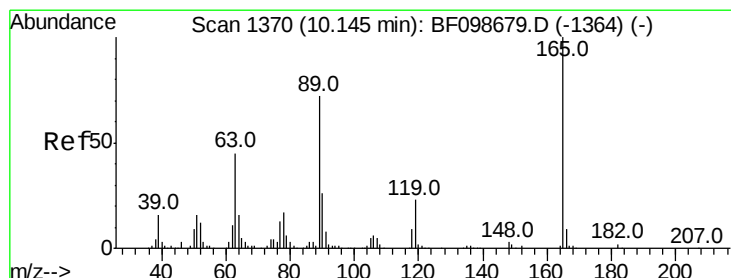
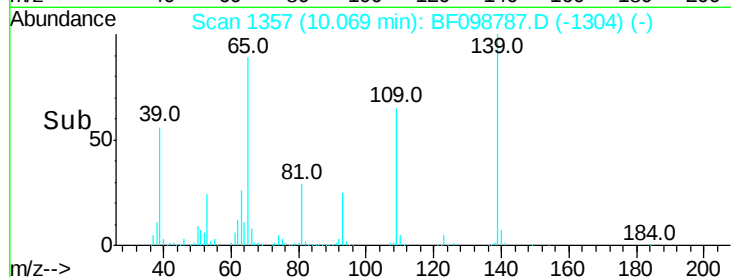
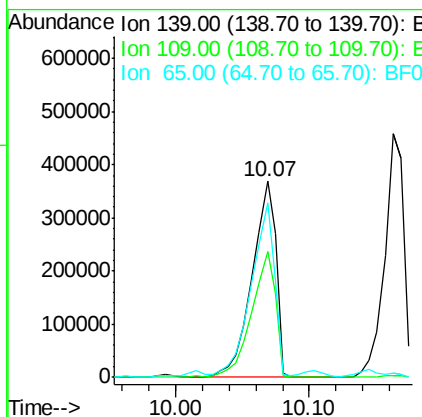
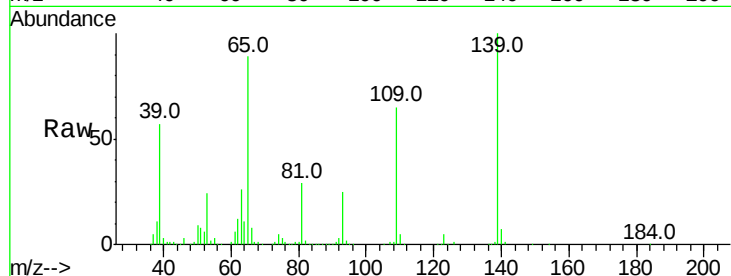
#55
4-Nitrophenol
Concen: 91.157 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampleId :
PB102601BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	451125		
109	64.6	48.4	88.4	
65	89.3	72.6	112.6	

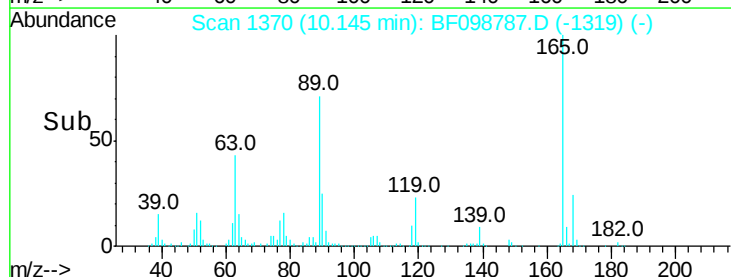
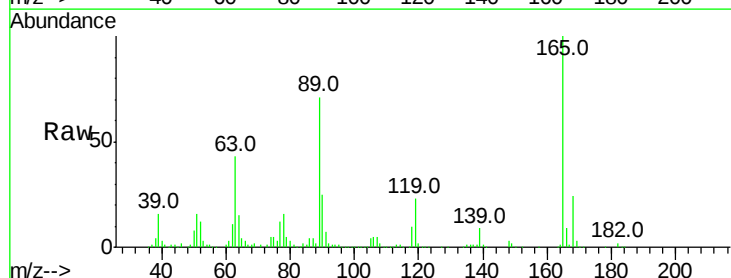
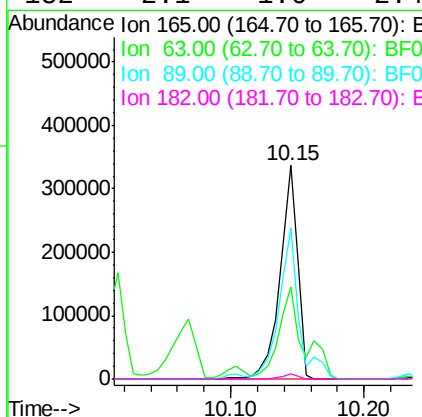
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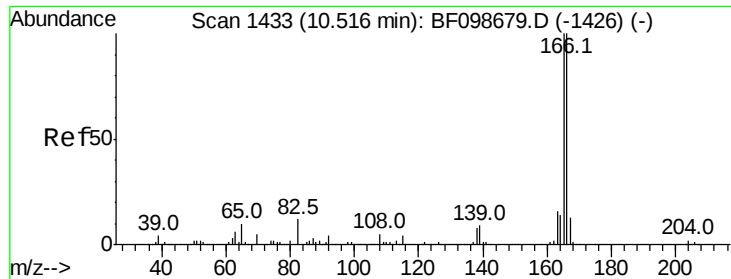
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#56
2,4-Dinitrotoluene
Concen: 48.413 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	315381		
63	43.1	36.4	54.6	
89	70.7	57.8	86.6	
182	2.1	1.6	2.4	





#57

Fluorene

Concen: 43.967 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

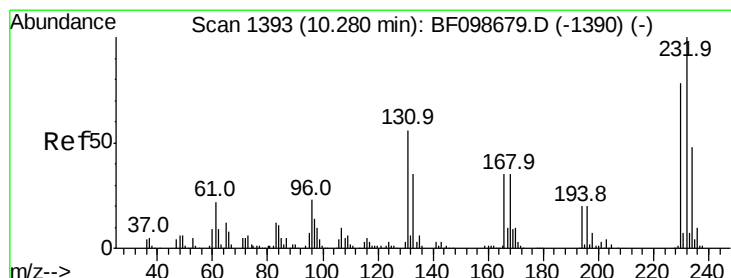
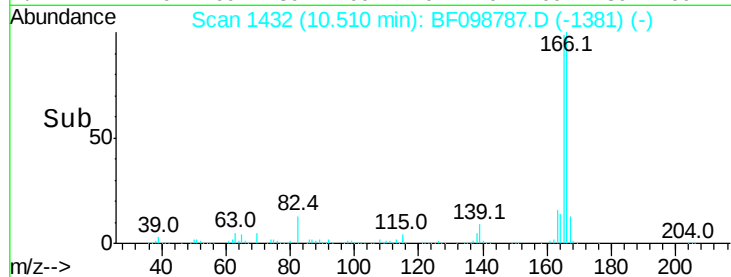
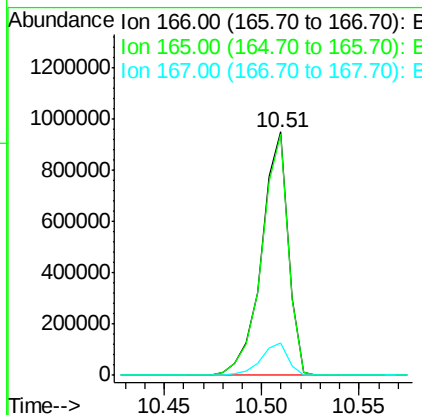
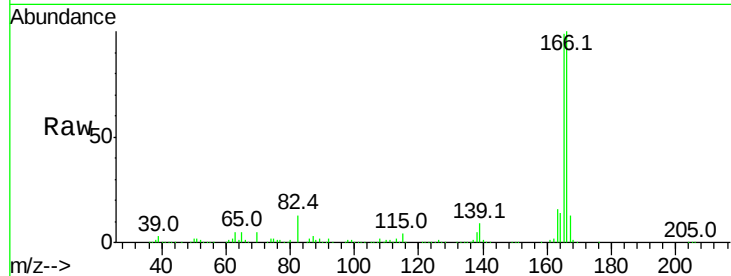
ClientSampleId :

PB102601BS

Tot Ion:	166	Resp:	899416
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.8	119.8
167	13.3	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.791 ng

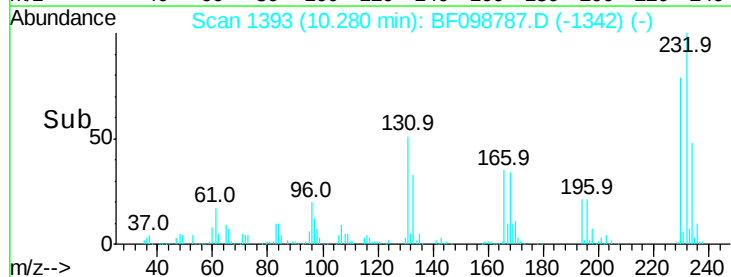
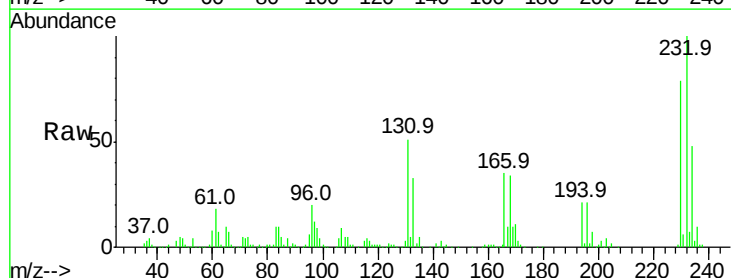
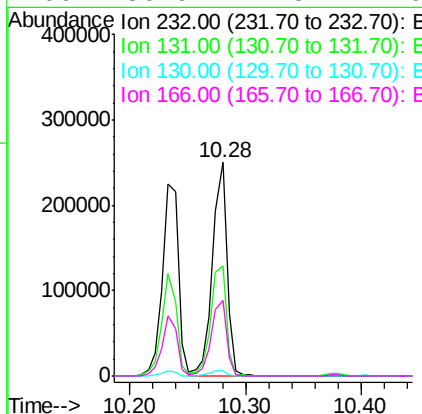
RT: 10.28 min Scan# 1393

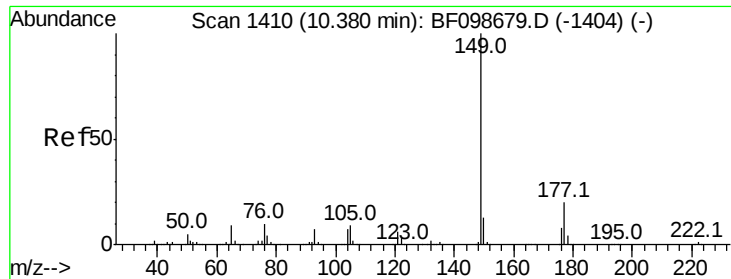
Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion:	232	Resp:	221600
Ion Ratio	Lower	Upper	
232	100		
131	55.9	43.8	65.8
130	2.9	2.1	3.1
166	36.9	27.8	41.6





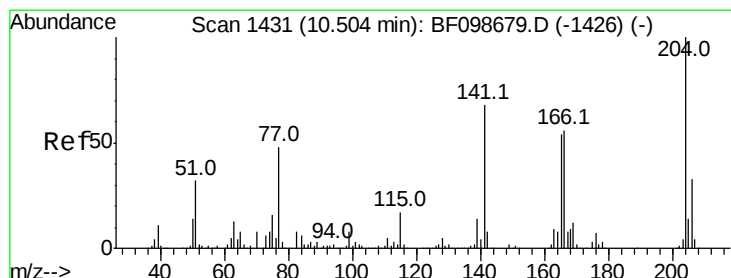
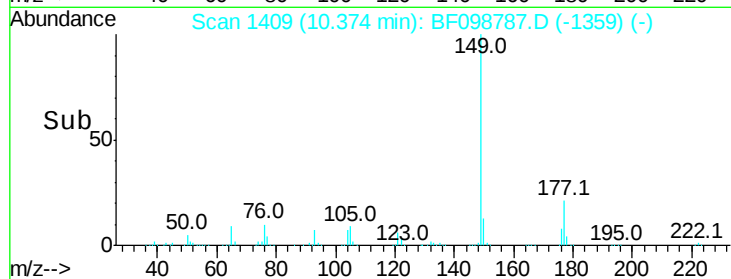
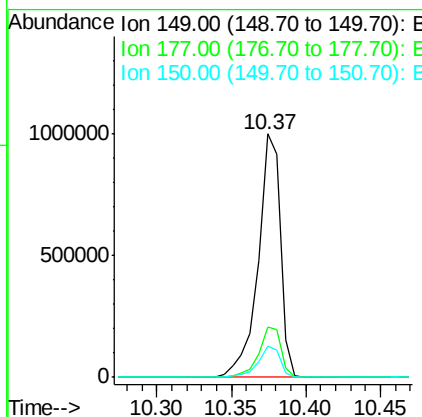
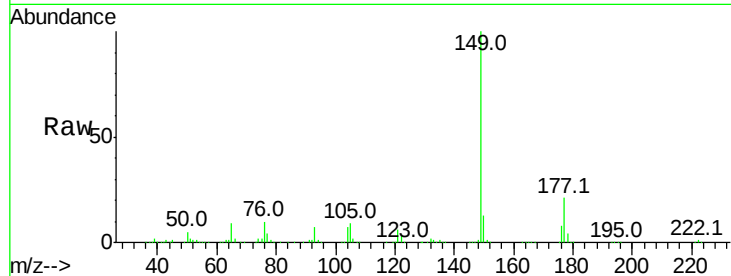
#59
Diethylphthalate
Concen: 45.337 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampled :
PB102601BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.1	24.1
150	12.6	10.1	15.1

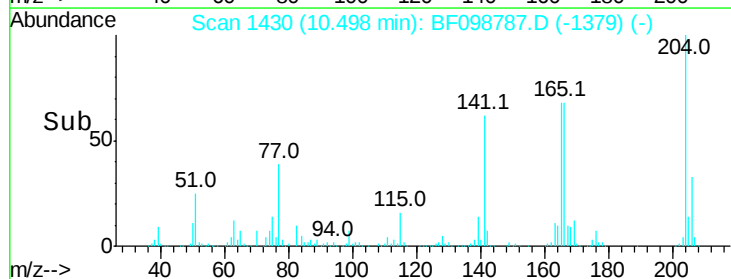
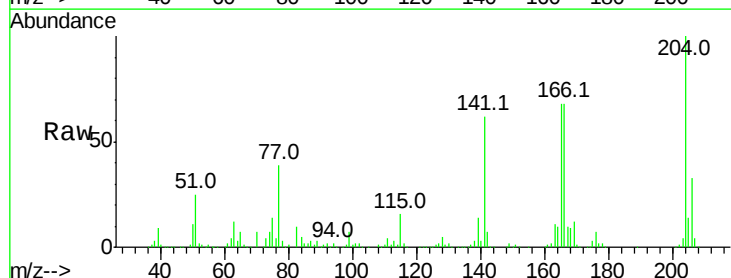
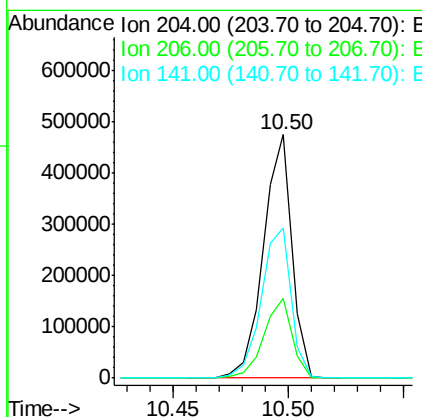
Manual Integrations
APPROVED

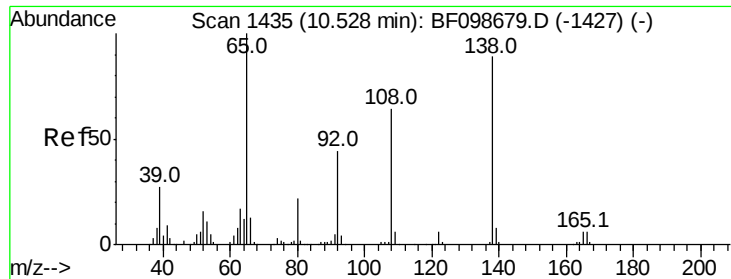
Sohil
9/26/2017 4:58:31 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.376 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	61.7	54.6	81.8





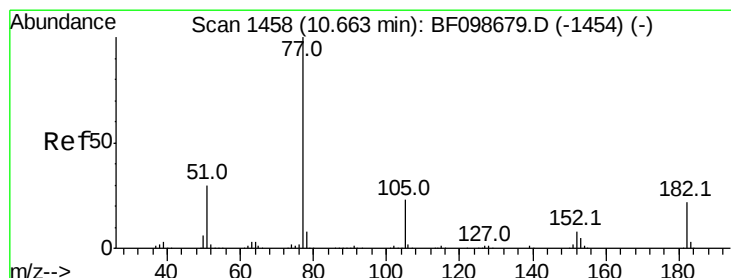
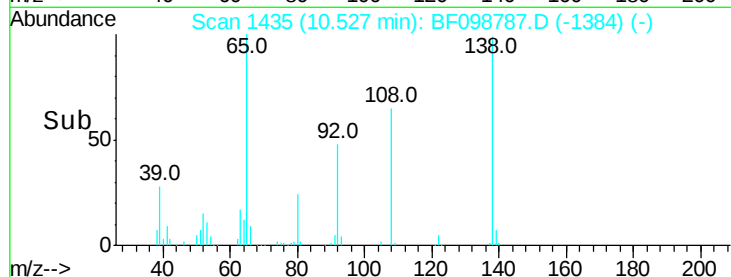
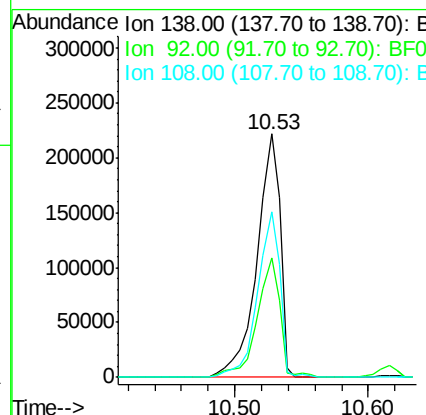
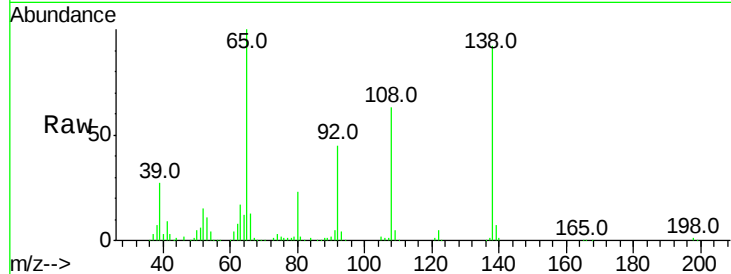
#61
4-Nitroaniline
Concen: 46.736 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampleId :
PB102601BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	263898		
92	48.9	30.2	70.2	
108	68.2	52.5	92.5	

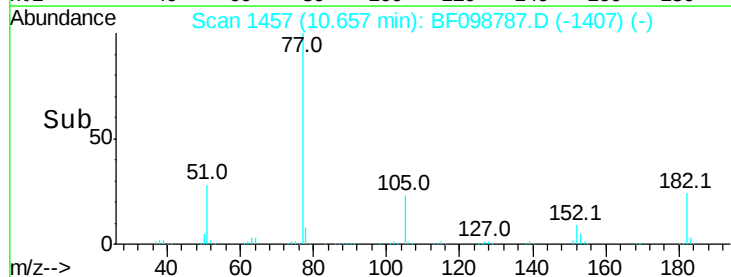
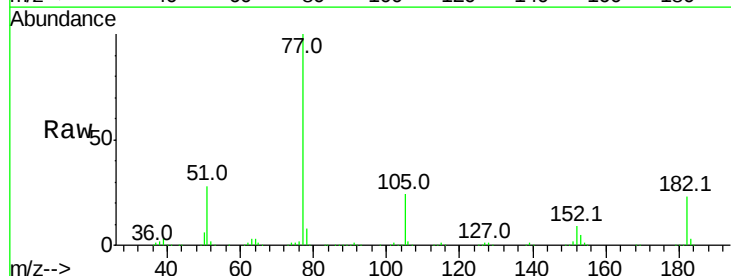
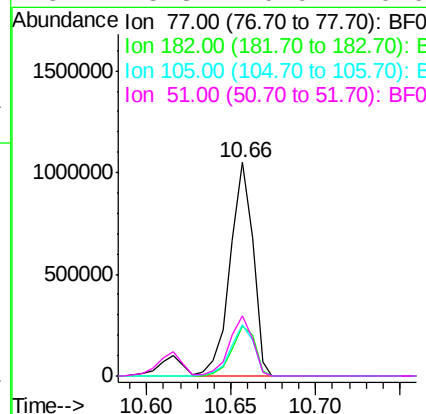
Manual Integrations
APPROVED

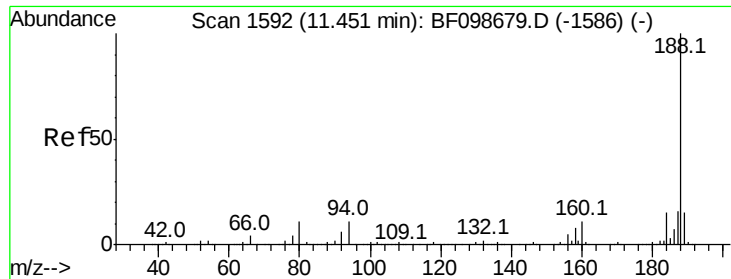
Sohil
9/26/2017 4:58:31 PM



#62
Azobenzene
Concen: 47.538 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	984744		
182	23.4	1.7	41.7	
105	24.2	3.0	43.0	
51	28.3	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

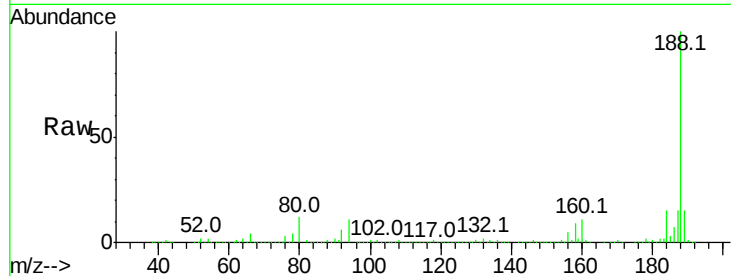
ClientSampleId :

PB102601BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	554321		
94	11.2	8.5	12.7	
80	11.9	9.2	13.8	

Manual Integrations
APPROVED

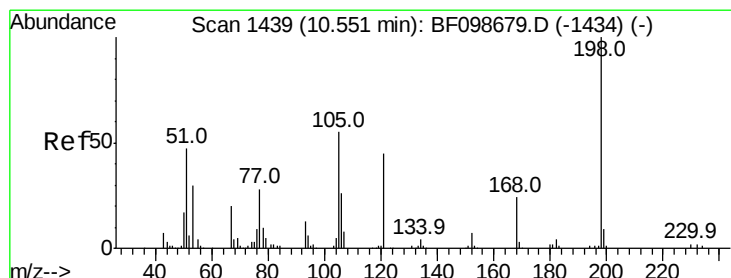
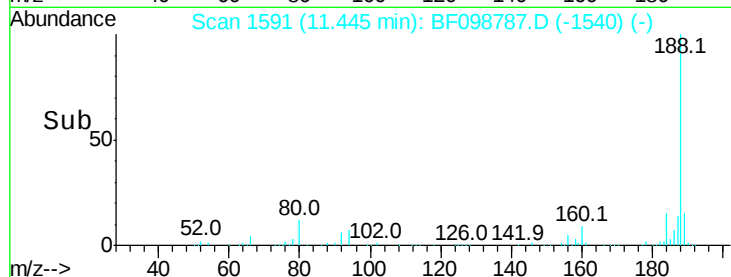
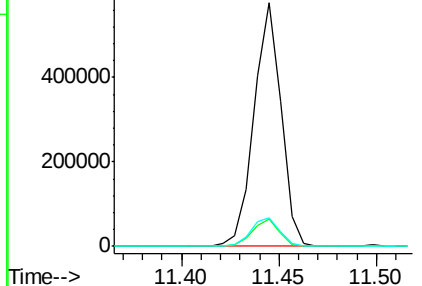
Sohil
9/26/2017 4:58:31 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.428 ng

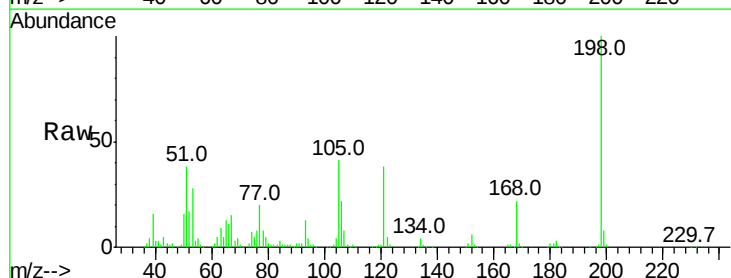
RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

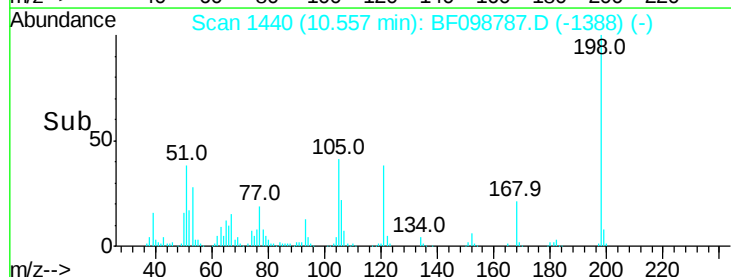
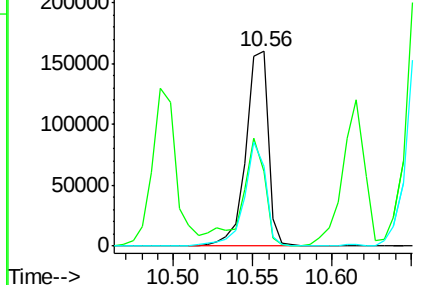
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	156583		
51	38.2	37.7	77.7	
105	41.0	36.3	76.3	

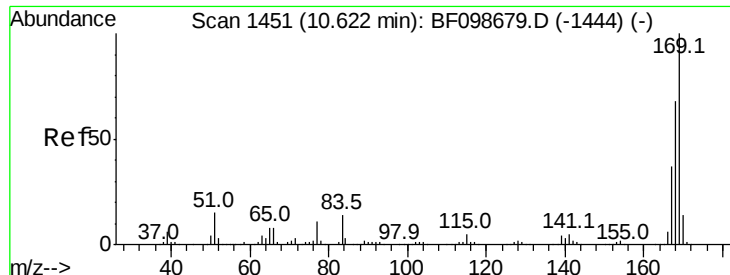


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





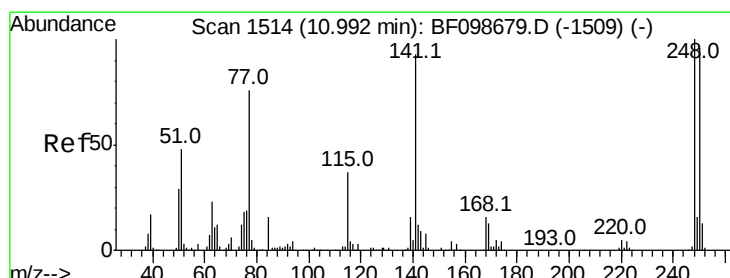
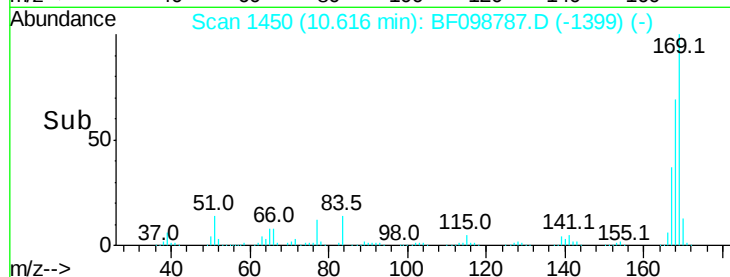
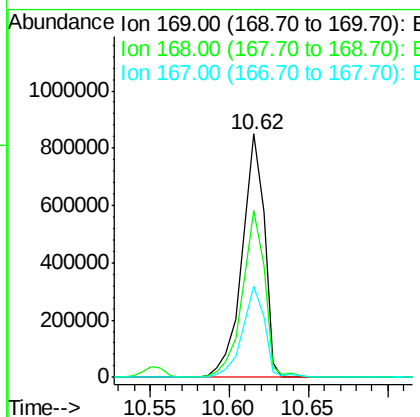
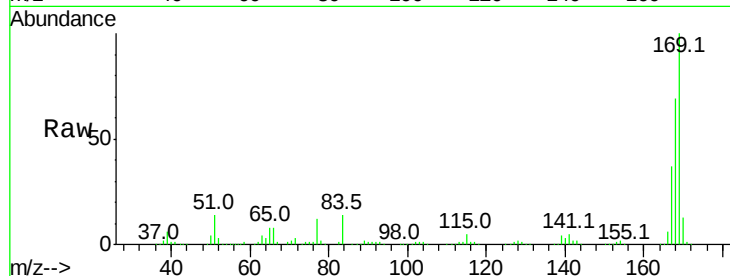
#65
n-Nitrosodiphenylamine
Concen: 42.865 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampleId :
PB102601BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	823155		
168	68.7	54.4	81.6	
167	37.4	29.8	44.6	

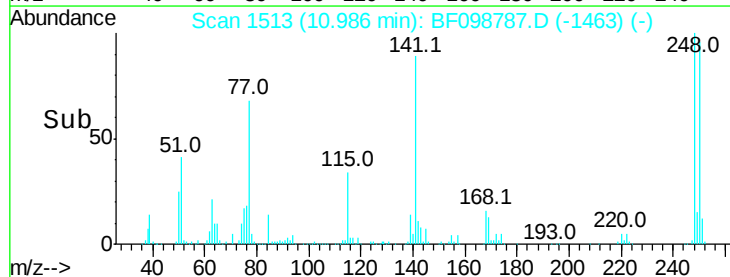
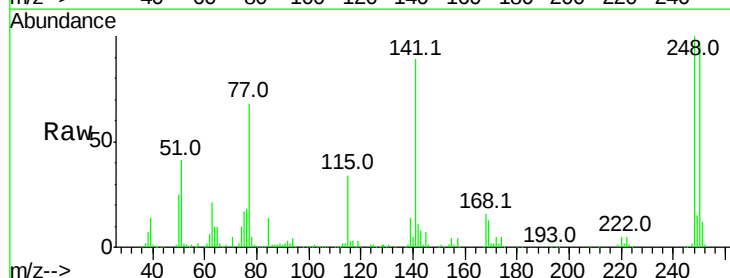
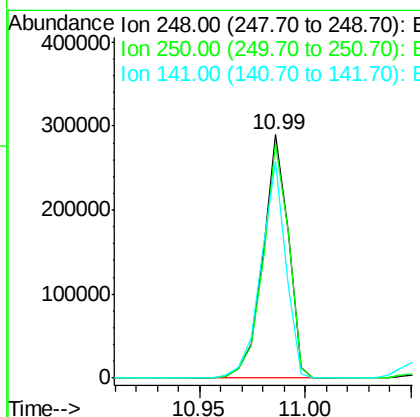
Manual Integrations
APPROVED

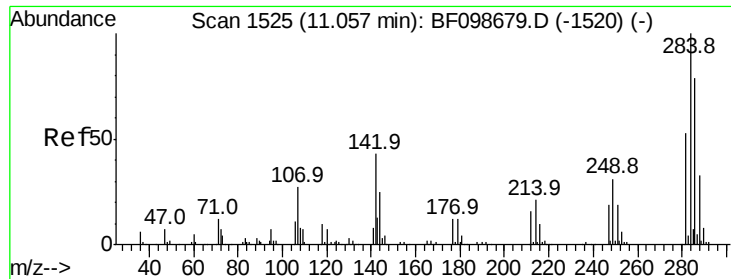
Sohil
9/26/2017 4:58:31 PM



#66
4-Bromophenyl-phenylether
Concen: 44.776 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	242949		
250	96.3	76.9	115.3	
141	88.9	74.4	111.6	





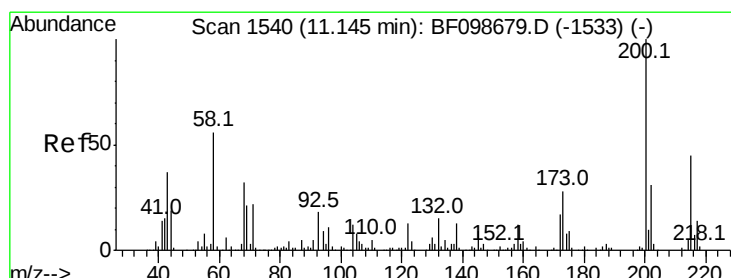
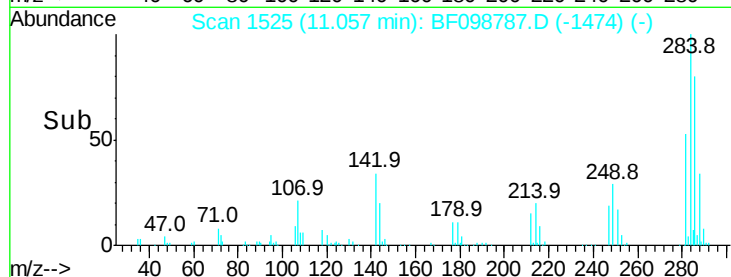
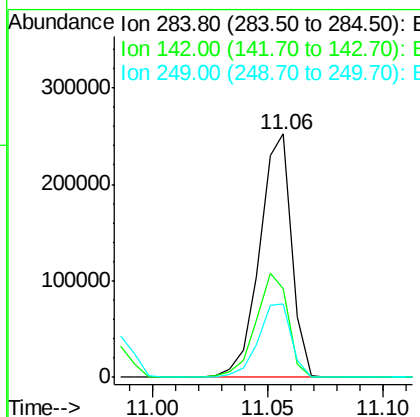
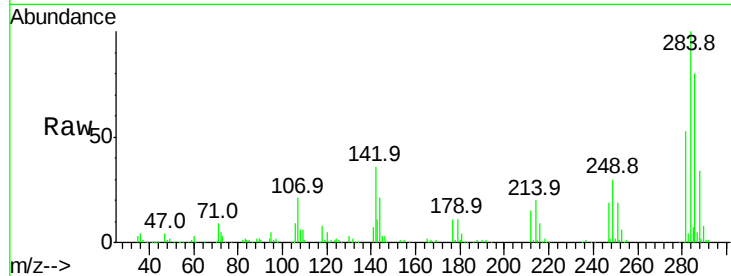
#67
Hexachlorobenzene
Concen: 41.887 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampleId :
PB102601BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	242740		
142	36.4	34.6	52.0	
249	30.2	24.8	37.2	

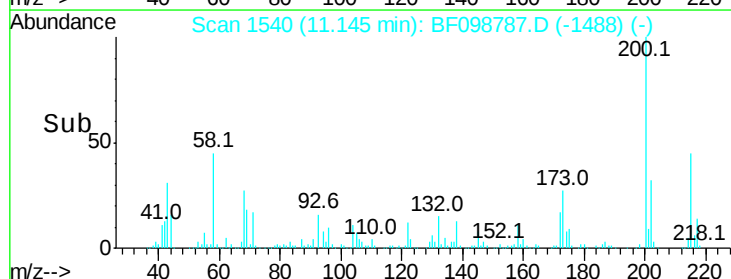
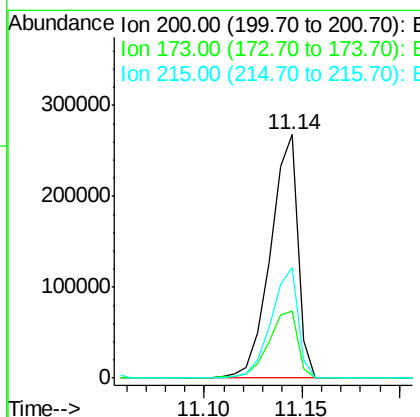
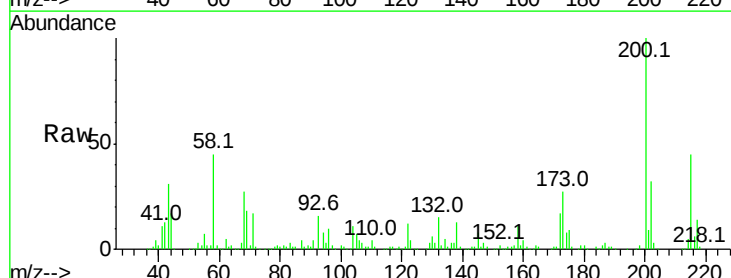
Manual Integrations
APPROVED

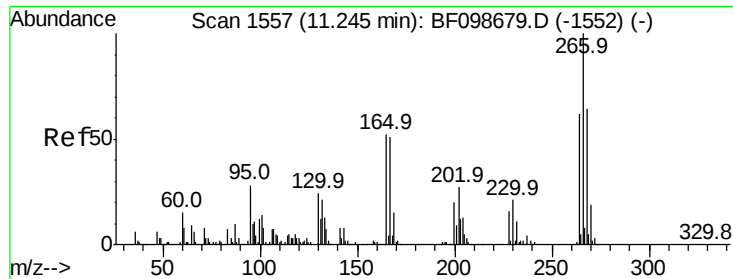
Sohil
9/26/2017 4:58:31 PM



#68
Atrazine
Concen: 45.093 ng
RT: 11.14 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	260535		
173	27.5	8.6	48.6	
215	45.3	25.1	65.1	





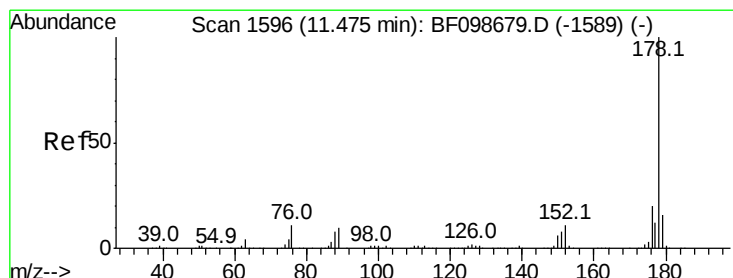
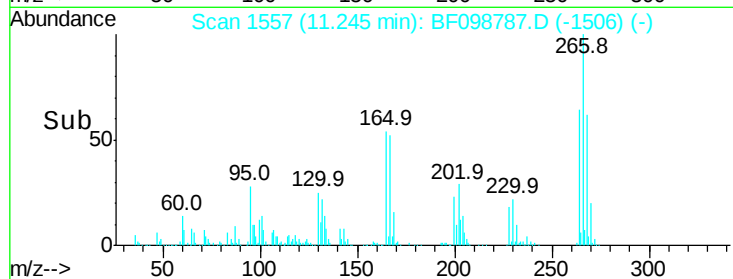
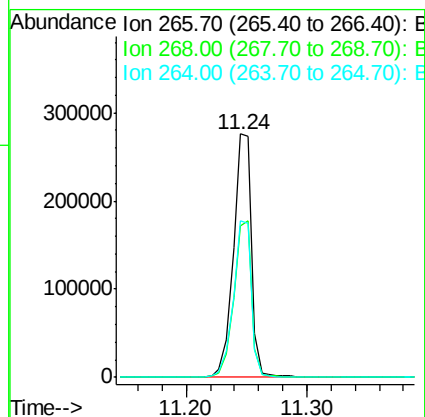
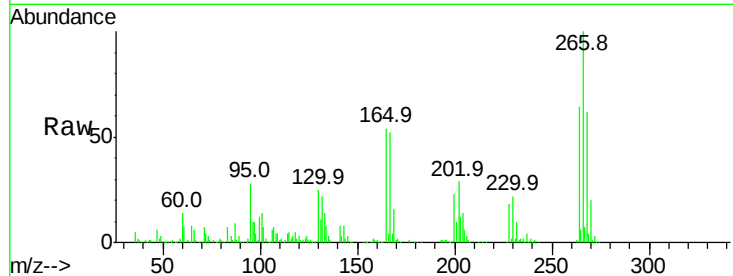
#69
 Pentachlorophenol
 Concen: 80.063 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Instrument :
 BNA_F
 ClientSampled :
 PB102601BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	288756		
268	62.0		51.1	76.7
264	64.2		49.5	74.3

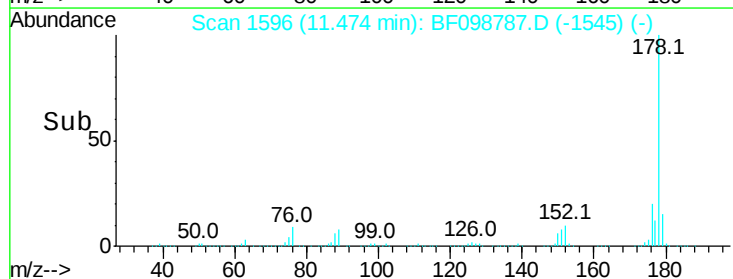
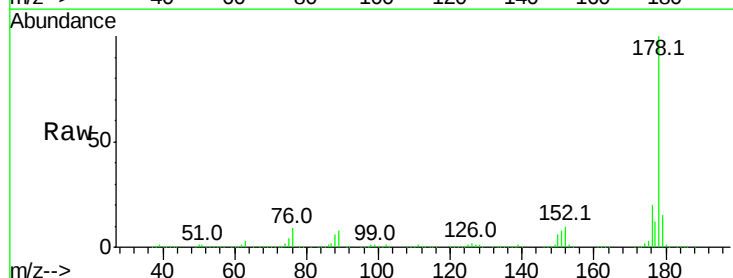
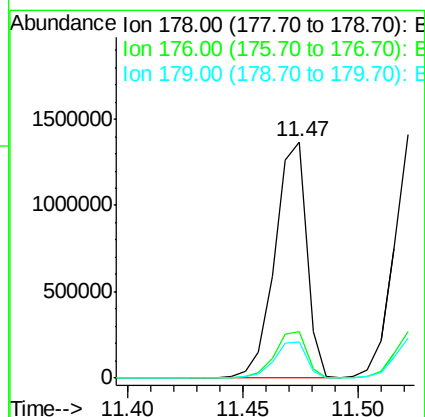
Manual Integrations
 APPROVED

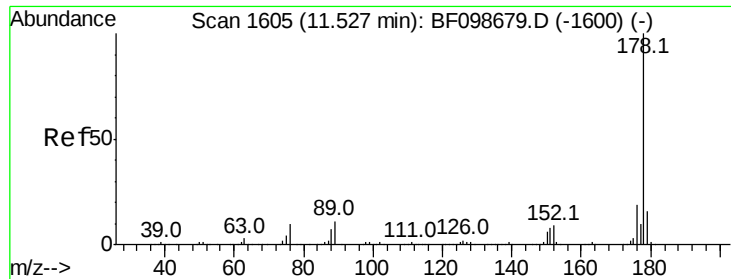
Sohil
 9/26/2017 4:58:31 PM



#70
 Phenanthrene
 Concen: 44.020 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1306118		
176	19.8		15.8	23.8
179	15.4		13.0	19.6





#71

Anthracene

Concen: 44.513 ng

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

PB102601BS

Tot Ion:178 Resp: 1351376

Ion Ratio Lower Upper

178 100

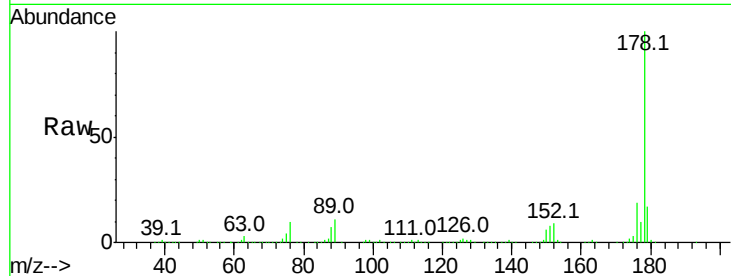
176 19.0 15.4 23.2

179 16.5 12.6 19.0

Manual Integrations
APPROVED

Sohil

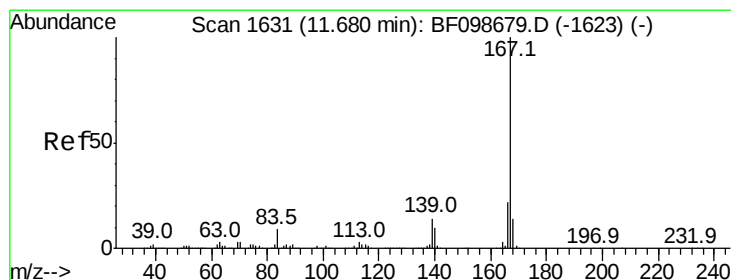
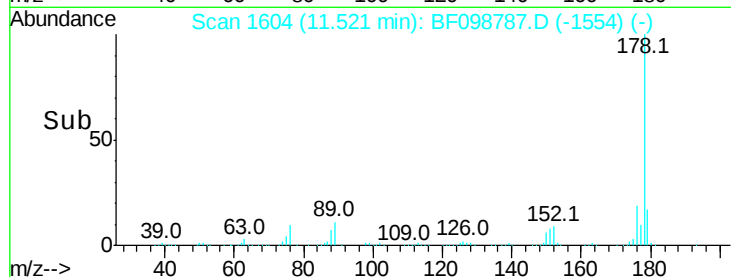
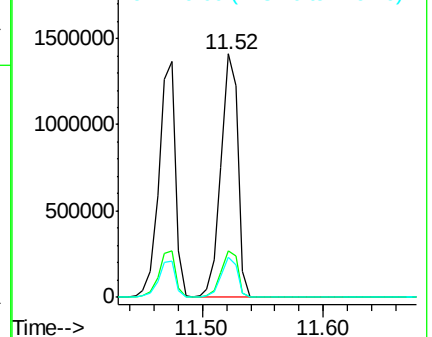
9/26/2017 4:58:31 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.500 ng

RT: 11.67 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

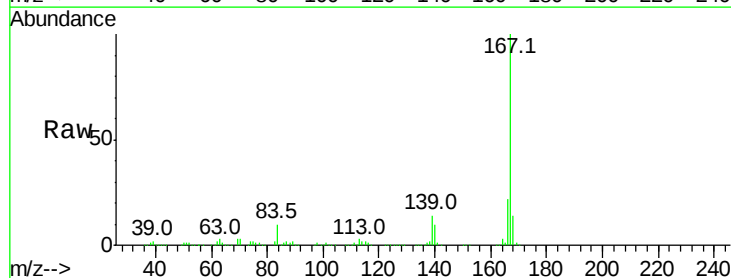
Tgt Ion:167 Resp: 1293272

Ion Ratio Lower Upper

167 100

166 22.4 17.6 26.4

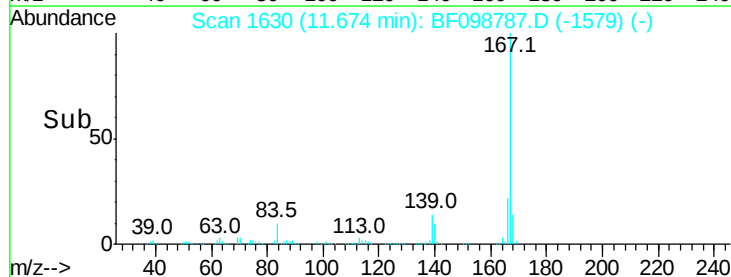
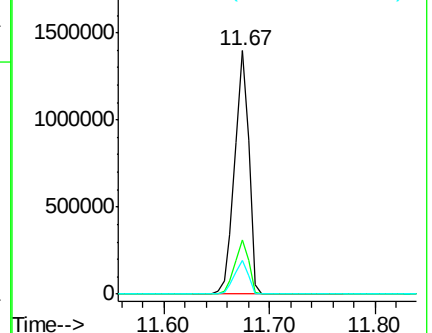
139 13.7 10.9 16.3

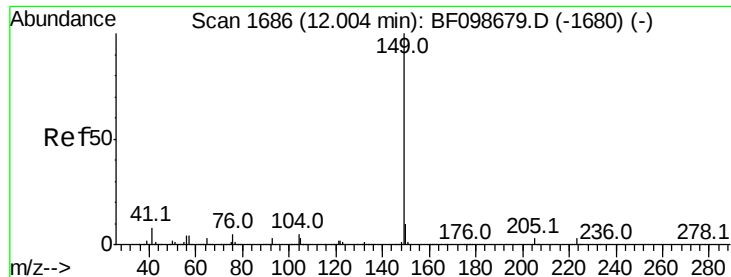


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.299 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

PB102601BS

Tot Ion:149 Resp: 1621028

Ion Ratio Lower Upper

149 100

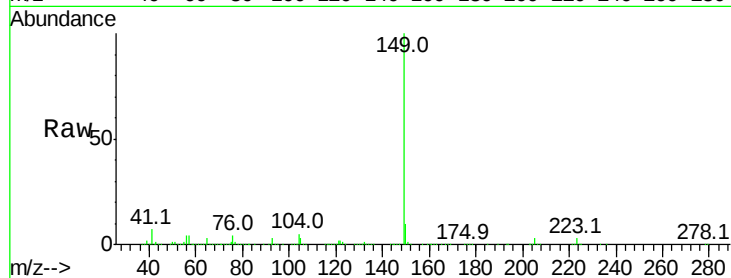
150 9.7 7.8 11.6

104 4.9 3.8 5.8

Manual Integrations
APPROVED

Sohil

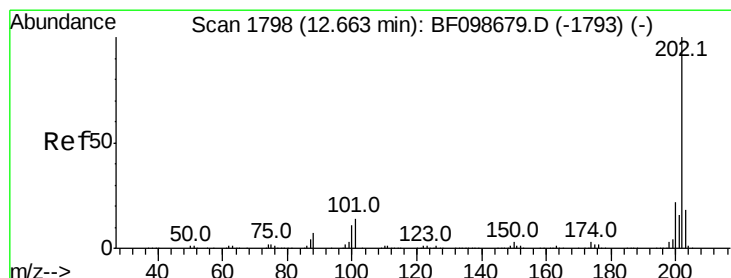
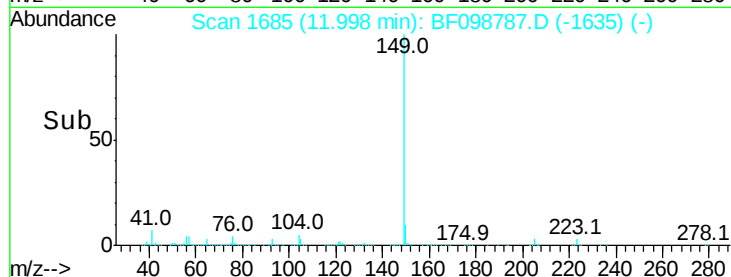
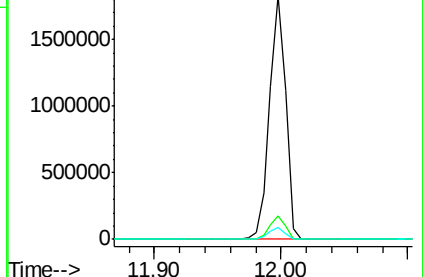
9/26/2017 4:58:31 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.545 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

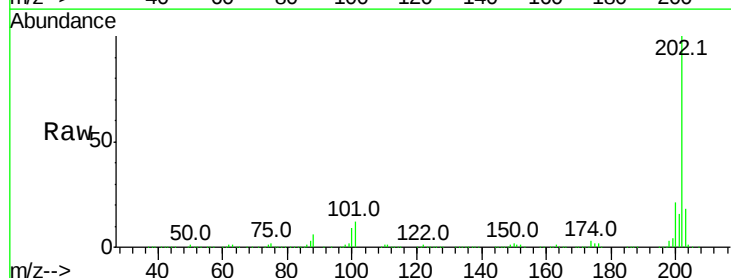
Tgt Ion:202 Resp: 1368412

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

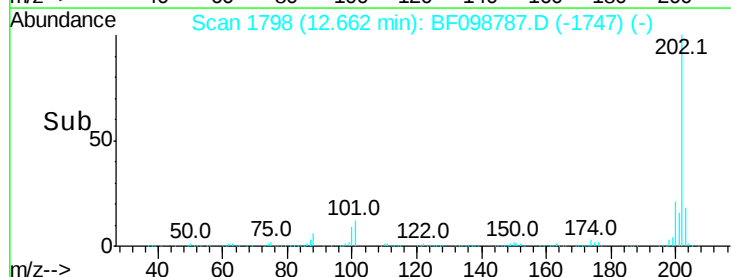
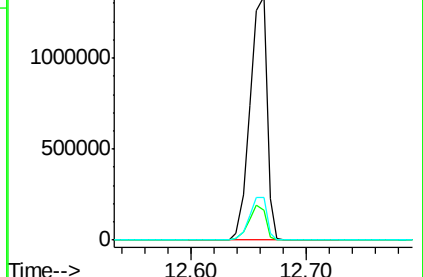
203 17.7 0.0 38.1

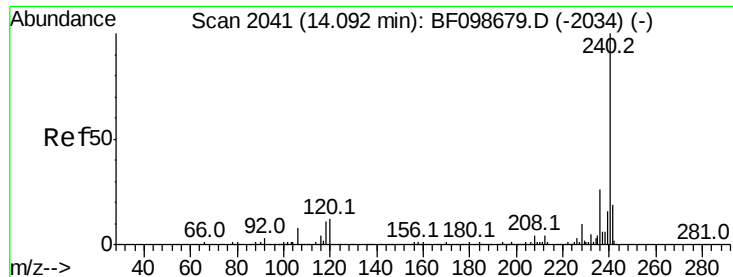


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

ClientSampleId :

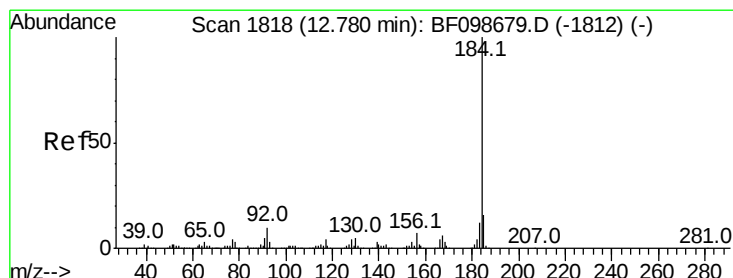
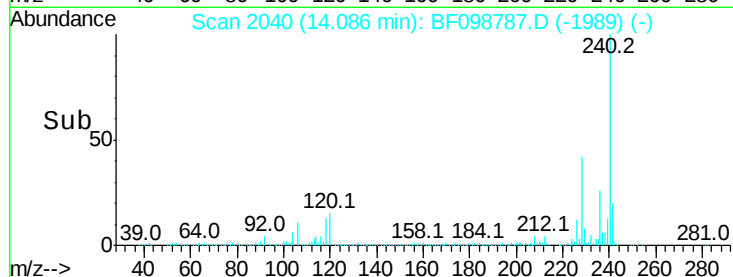
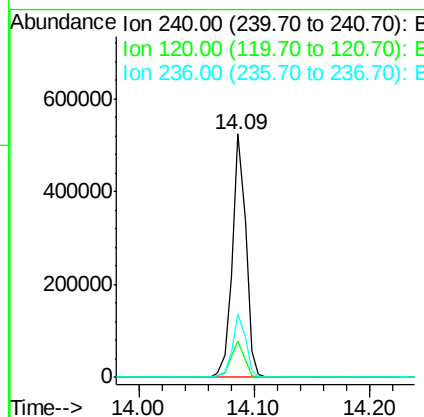
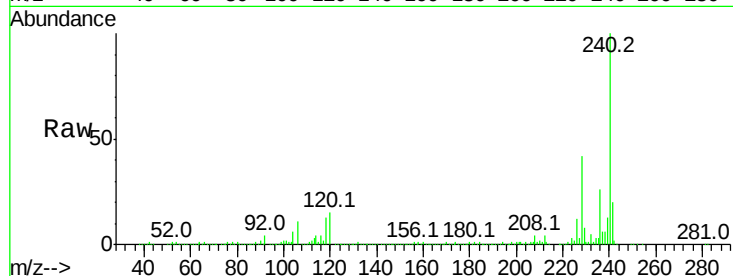
PB102601BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.9	9.5	14.3	
236	25.7	20.7	31.1	

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#76

Benzidine

Concen: 37.972 ng

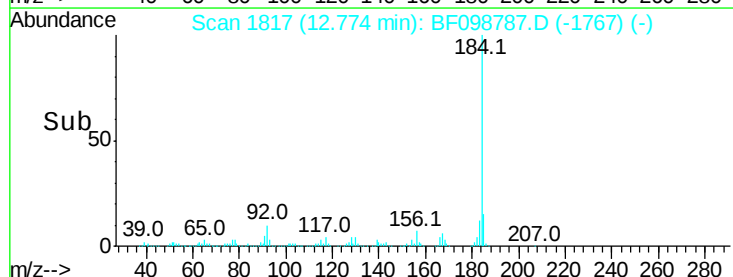
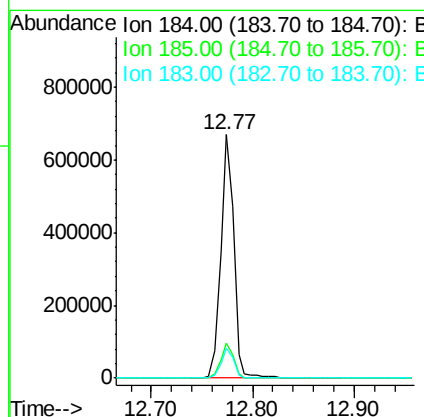
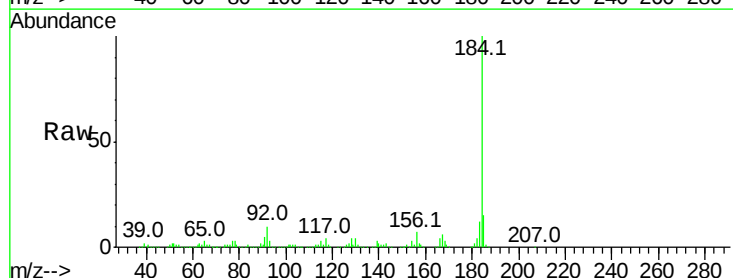
RT: 12.77 min Scan# 1817

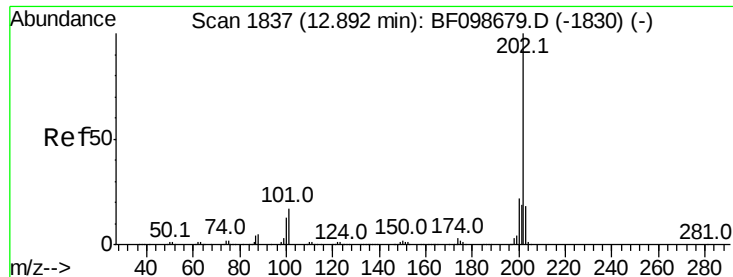
Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.5	12.6	18.8	
183	12.1	9.3	13.9	





#77

Pvrene

Concen: 43.208 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

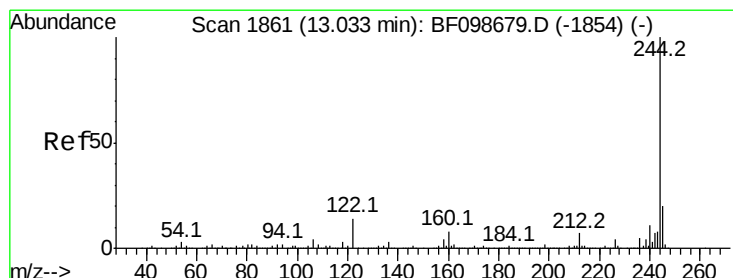
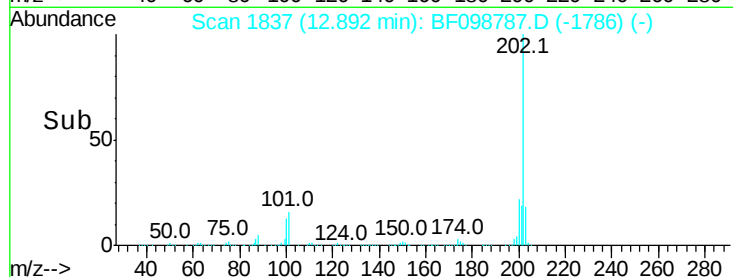
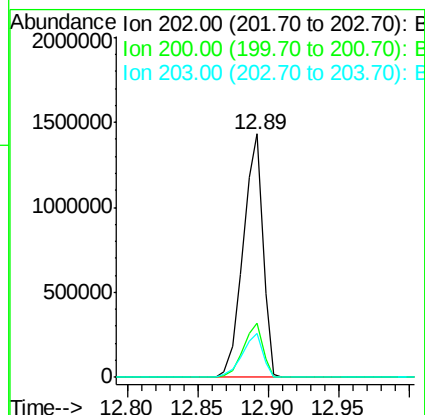
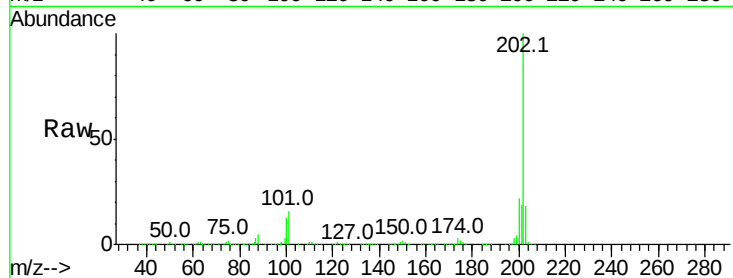
ClientSampleId :

PB102601BS

Tot Ion:	202	Resp:	1400653
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 84.504 ng

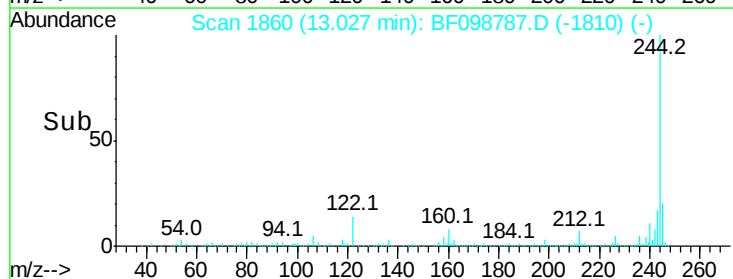
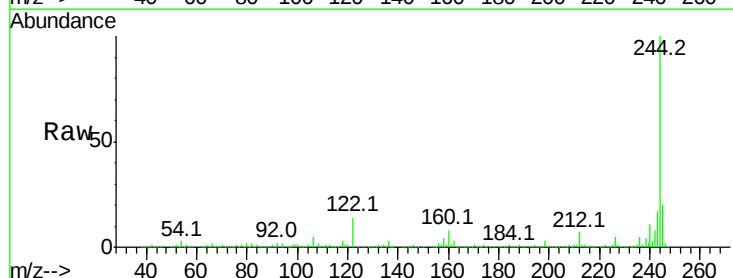
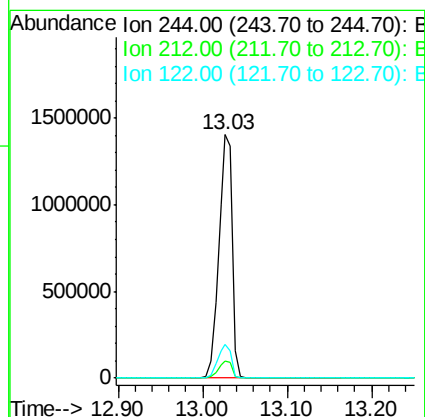
RT: 13.03 min Scan# 1860

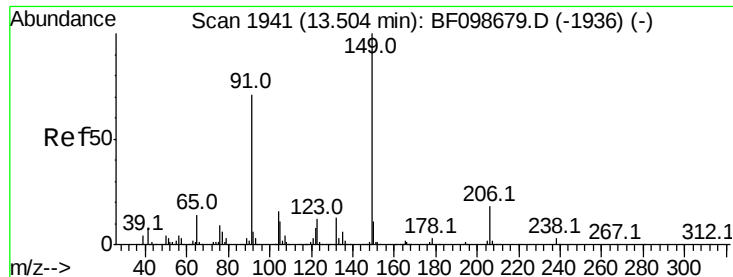
Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion:	244	Resp:	1579614
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.7	11.0	16.4





#79

Butylbenzylphthalate

Concen: 46.787 ng

RT: 13.50 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

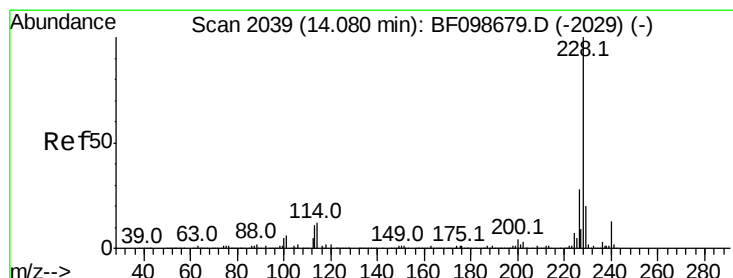
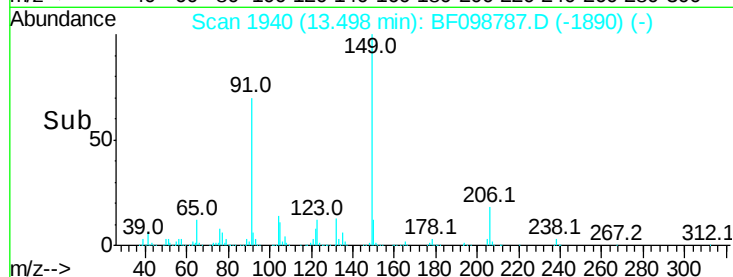
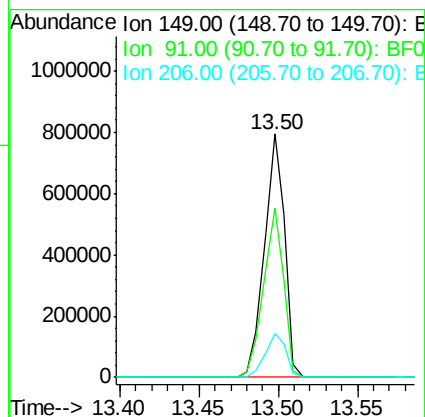
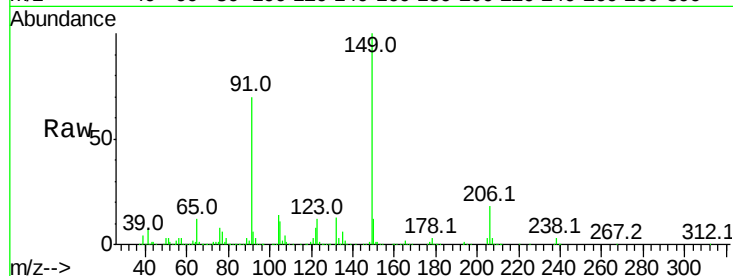
ClientSampled :

PB102601BS

Tot Ion:	149	Resp:	712796
Ion Ratio	Lower	Upper	
149	100		
91	69.8	56.8	85.2
206	17.9	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 44.871 ng

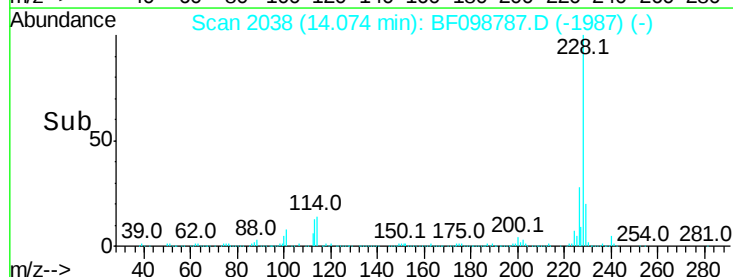
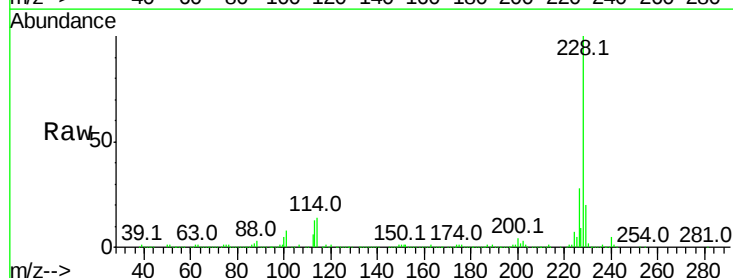
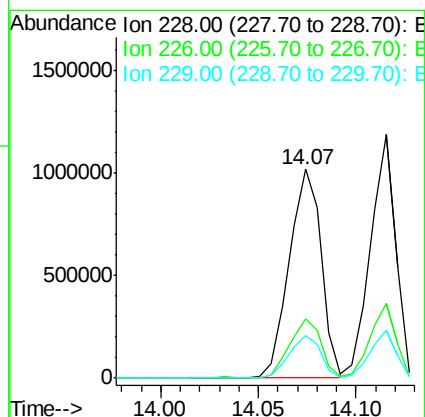
RT: 14.07 min Scan# 2038

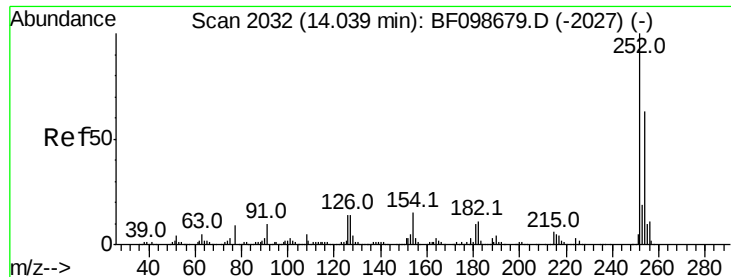
Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion:	228	Resp:	1155048
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	33.8
229	20.5	15.8	23.6





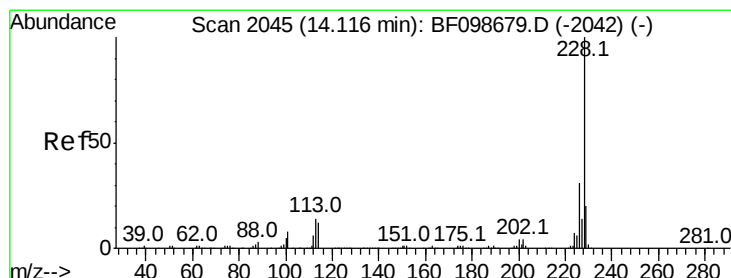
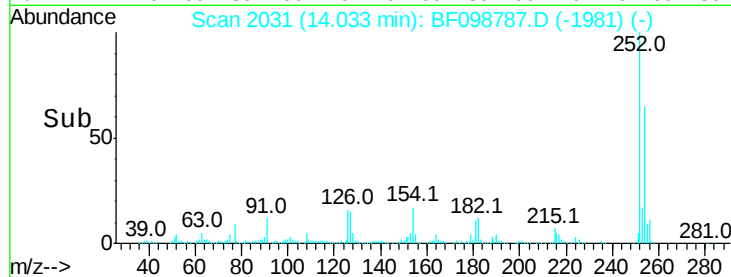
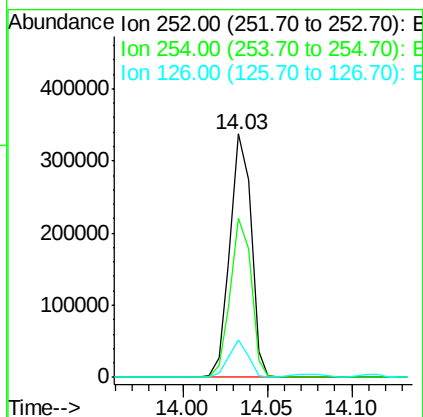
#81
 3,3'-Dichlorobenzidine
 Concen: 31.436 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102601BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	296646		
254	65.4	50.4	75.6	
126	15.7	11.3	16.9	

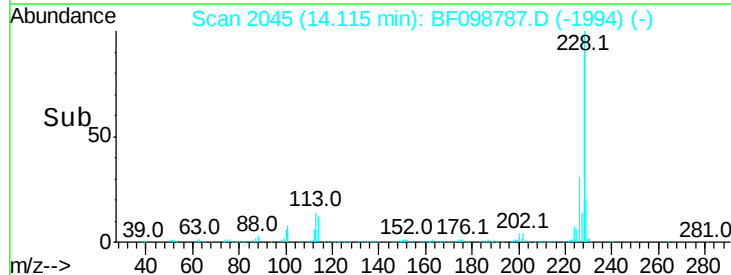
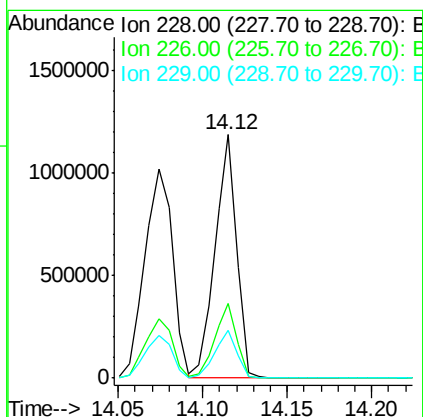
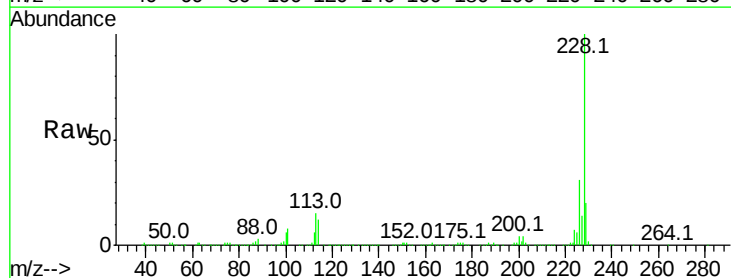
Manual Integrations
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#82
 Chrysene
 Concen: 43.534 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1066882		
226	30.7	25.0	37.6	
229	19.9	16.2	24.4	





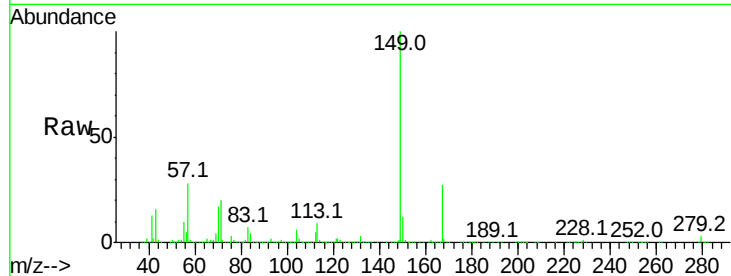
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.951 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Instrument :
 BNA_F
 ClientSampled :
 PB102601BS

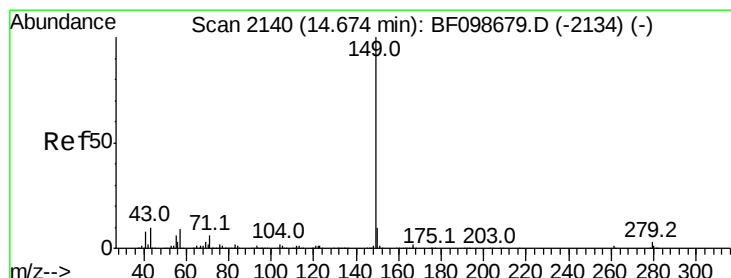
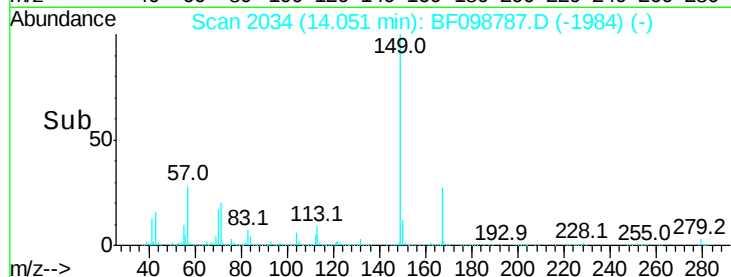
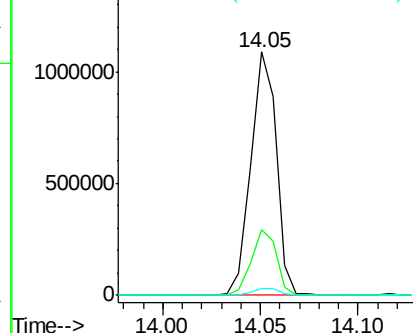
Tot Ion	Ratio	Resp	Lower	Upper
149	100	984918		
167	26.8		21.3	31.9
279	2.8		3.0	4.4#

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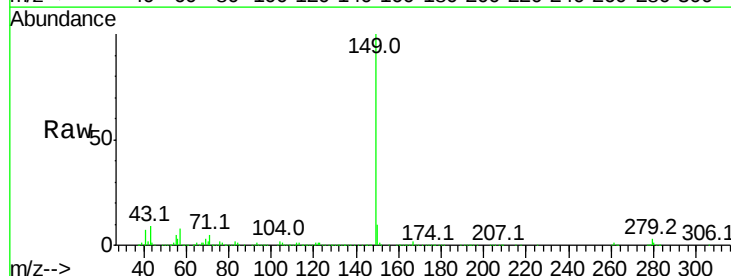


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

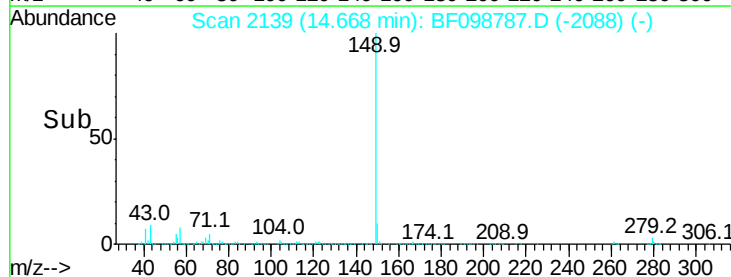
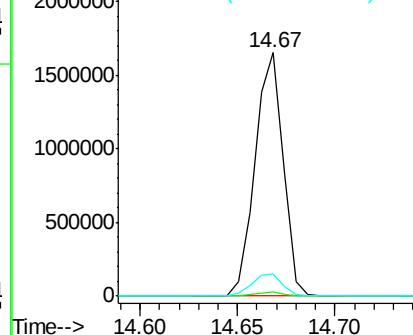


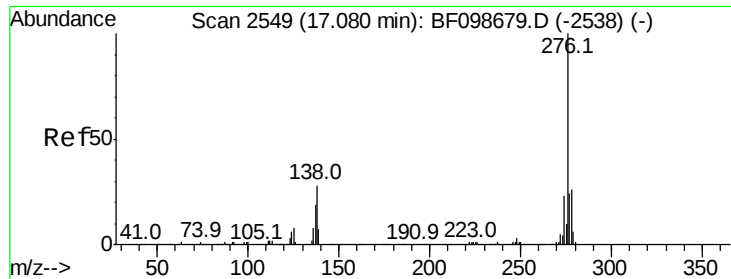
#84
 Di-n-octyl phthalate
 Concen: 48.528 ng
 RT: 14.67 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1639206		
167	1.5		1.2	1.8
43	9.5		8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





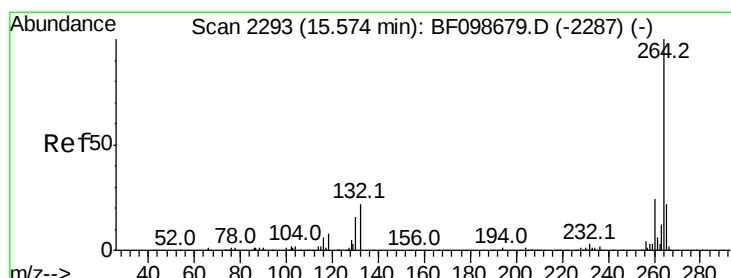
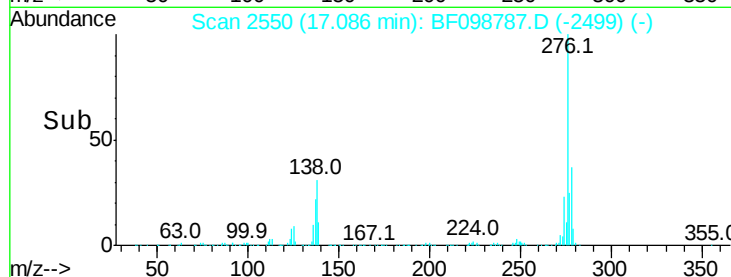
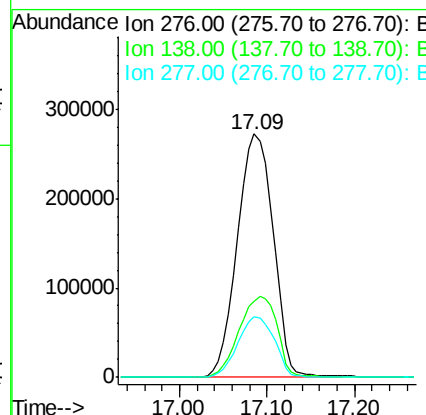
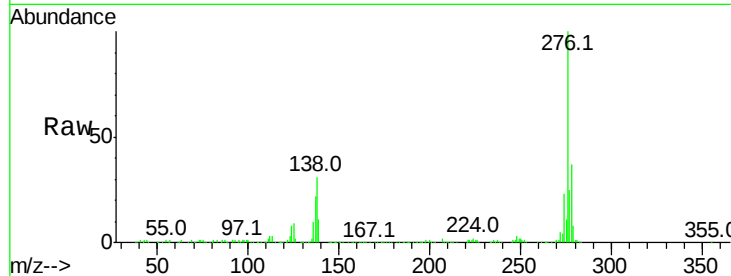
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.878 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampleId :
PB102601BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	762166		
138	35.2	25.0	37.6	
277	25.5	20.1	30.1	

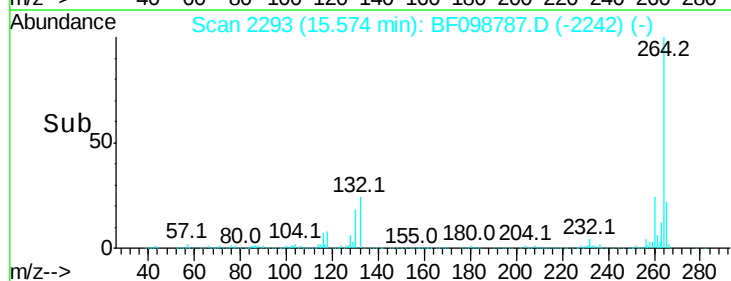
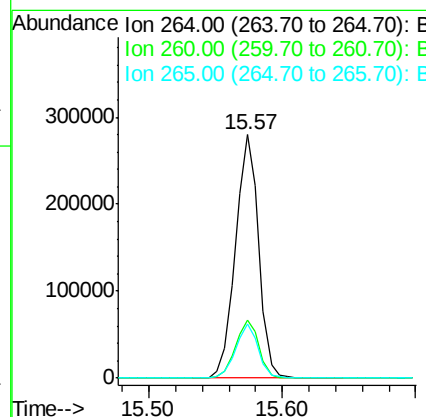
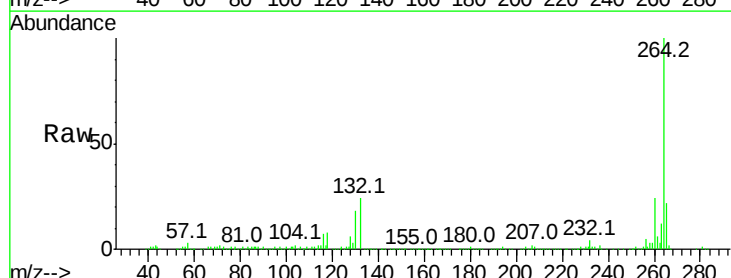
Manual Integrations
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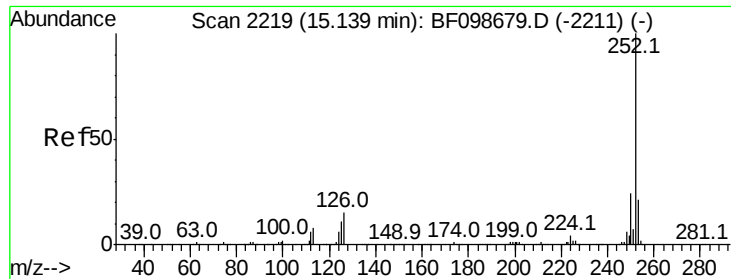
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	340922		
260	24.0	19.2	28.8	
265	22.0	17.5	26.3	





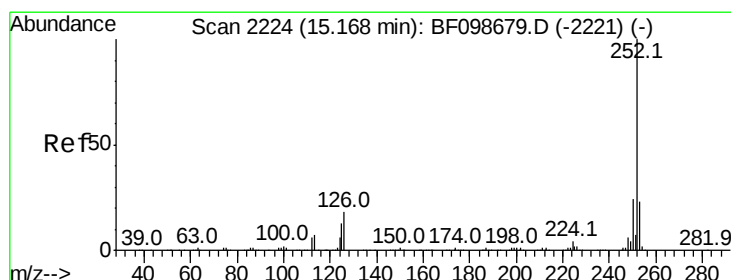
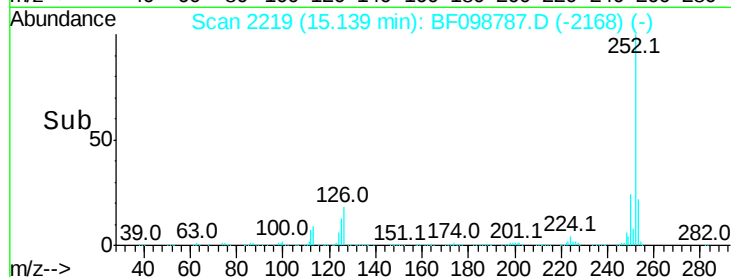
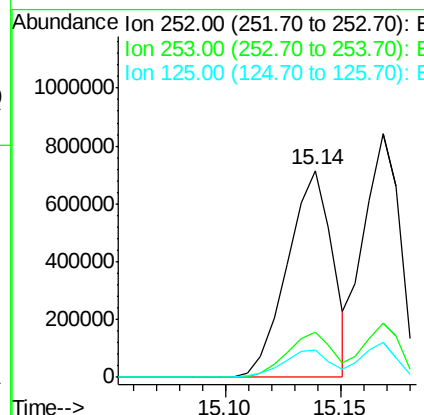
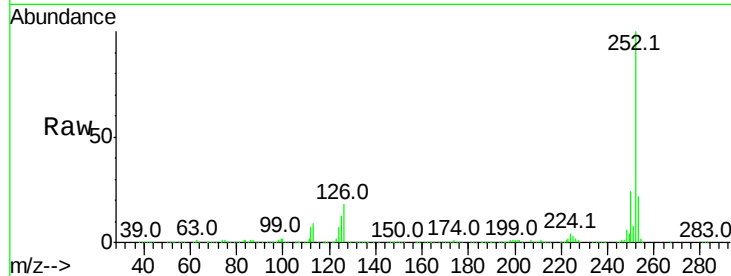
#87
Benzo(b)fluoranthene
Concen: 46.286 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Instrument :
BNA_F
ClientSampleId :
PB102601BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	970222		
253	22.1	17.0	25.6	
125	13.2	9.0	13.6	

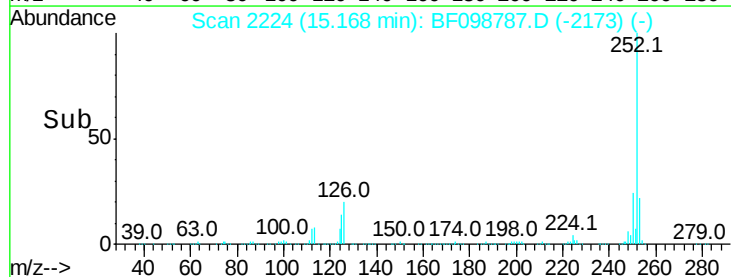
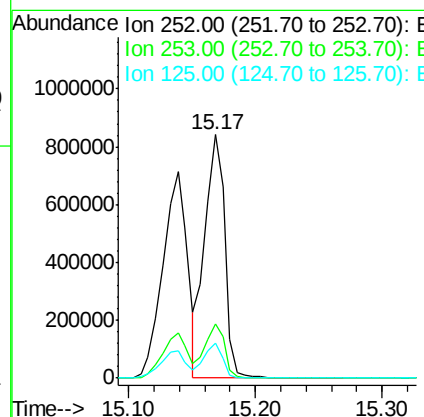
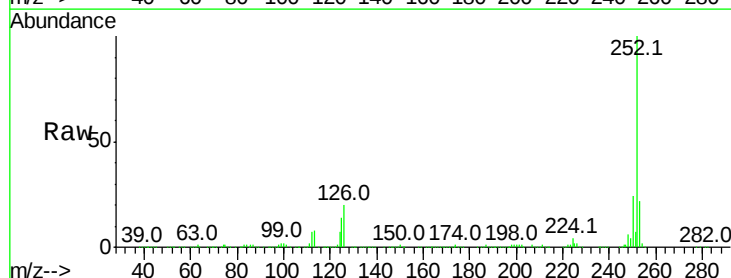
Manual Integrations
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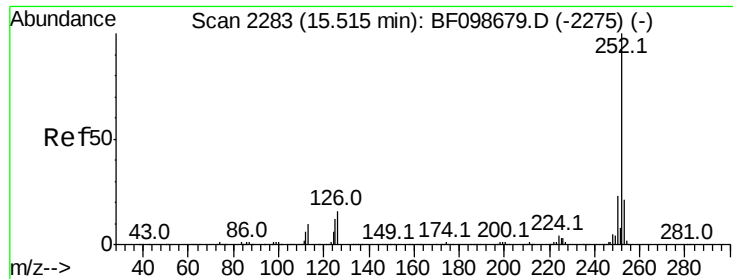
Sohil
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#88
Benzo(k)fluoranthene
Concen: 44.624 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF098787.D
Acq: 25 Sep 2017 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	923866		
253	22.1	17.9	26.9	
125	14.4	10.2	15.2	





#89

Benzo(a)pyrene

Concen: 45.034 ng

RT: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Instrument :

BNA_F

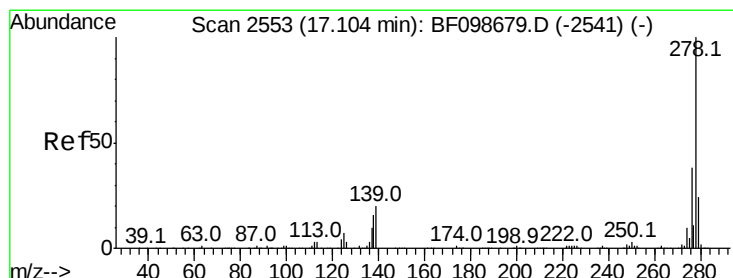
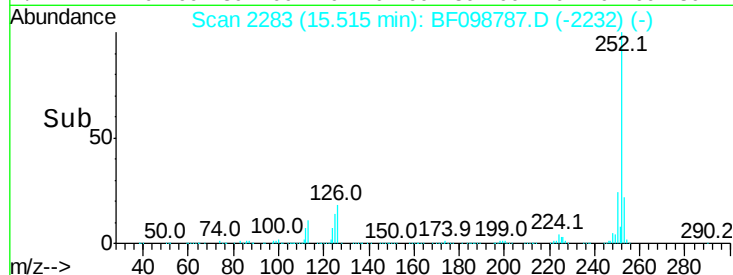
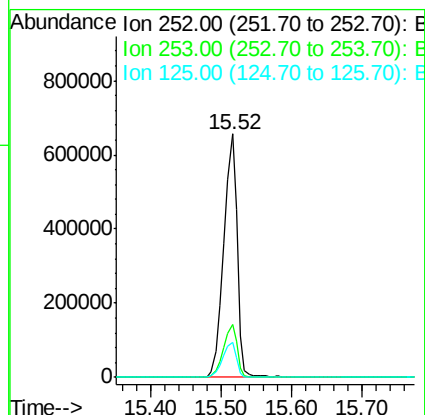
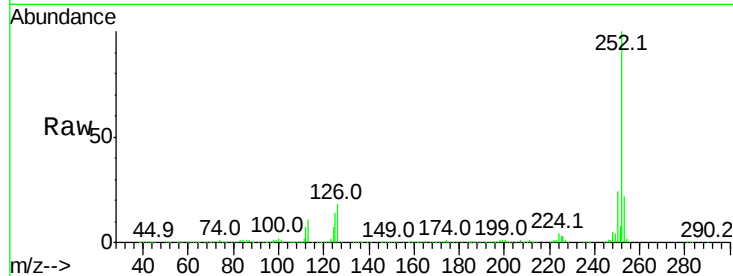
ClientSampleId :

PB102601BS

Tot Ion:	252	Resp:	866504
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.1	25.7
125	14.2	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 41.862 ng

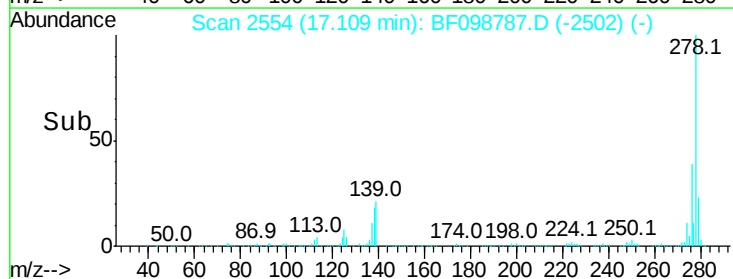
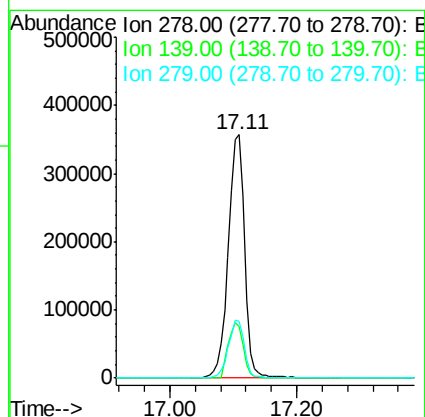
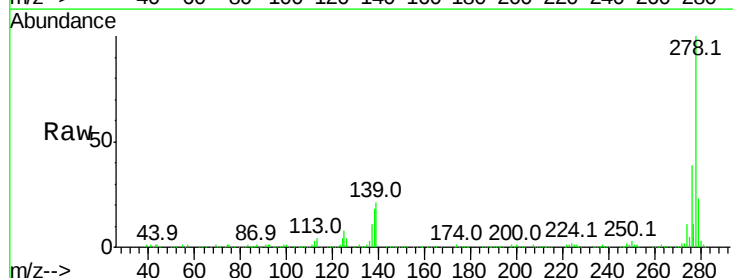
RT: 17.11 min Scan# 2554

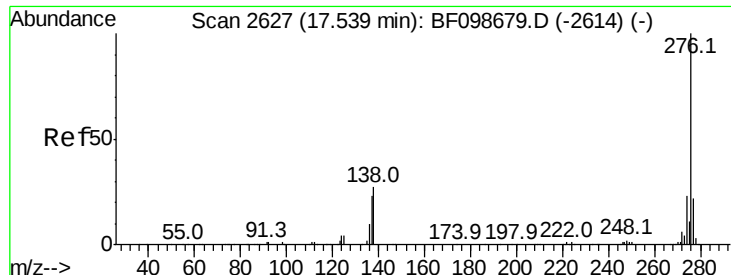
Delta R.T. 0.01 min

Lab File: BF098787.D

Acq: 25 Sep 2017 17:16

Tgt Ion:	278	Resp:	644616
Ion Ratio	Lower	Upper	
278	100		
139	21.1	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.707 ng
 RT: 17.55 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: BF098787.D
 Acq: 25 Sep 2017 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PB102601BS

Tot Ion:	276	Resp:	634830
Ion Ratio	Lower	Upper	
276	100		
277	23.4	17.9	26.9
138	30.1	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/26/2017 4:58:31 PM

