

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098947.D
 Acq On : 29 Sep 2017 14:51
 Operator : SJ/JU
 Sample : I5450-13MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1MSD

Manual Integrations
 APPROVED

Sohil
 10/2/2017 5:38:49 PM

Quant Time: Sep 29 16:59:30 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	142253	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	595415	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	252478	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	392003	20.00	ng	0.00
75) Chrysene-d12	14.09	240	208501	20.00	ng	0.00
86) Perylene-d12	15.57	264	228204	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1060168	118.64	ng	0.02
7) Phenol-d6	6.55	99	1225674	111.19	ng	0.00
23) Nitrobenzene-d5	7.49	82	949076	102.22	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	263587	127.59	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1607934	106.32	ng	0.00
78) Terphenyl-d14	13.03	244	1024937	111.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	165056	38.667	ng	# 83
3) Pyridine	3.66	79	402490	34.855	ng	97
4) n-Nitrosodimethylamine	3.61	42	224297	45.805	ng	95
6) Aniline	6.59	93	126224	8.484	ng	99
8) 2-Chlorophenol	6.71	128	451496	44.616	ng	96
9) Benzaldehyde	6.47	77	90877	14.212	ng	99
10) Phenol	6.56	94	496385	40.263	ng	100
11) bis(2-Chloroethyl)ether	6.66	93	471842	49.230	ng	99
12) 1,3-Dichlorobenzene	6.86	146	499150	47.098	ng	98
13) 1,4-Dichlorobenzene	6.93	146	502320	46.585	ng	99
14) 1,2-Dichlorobenzene	7.09	146	474949	47.669	ng	98
15) Benzyl Alcohol	7.06	79	404210	49.983	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	746413	49.986	ng	97
17) 2-Methylphenol	7.17	107	380669	45.973	ng	98
18) Hexachloroethane	7.43	117	186205	48.043	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	337615	47.970	ng	97
20) 3+4-Methylphenols	7.32	107	442736	42.266	ng	# 77
22) Acetophenone	7.33	105	651888	45.189	ng	99
24) Nitrobenzene	7.50	77	517602	49.145	ng	97
25) Isophorone	7.74	82	959194	49.969	ng	99
26) 2-Nitrophenol	7.82	139	254287	50.208	ng	95
27) 2,4-Dimethylphenol	7.85	122	434061	45.382	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	617546	51.624	ng	99
29) 2,4-Dichlorophenol	8.06	162	381672	46.478	ng	99
30) 1,2,4-Trichlorobenzene	8.14	180	404016	49.191	ng	99
31) Naphthalene	8.22	128	1392258	49.787	ng	99
32) Benzoic acid	7.97	122	227290	28.930	ng	97
33) 4-Chloroaniline	8.26	127	73338	6.280	ng	99
34) Hexachlorobutadiene	8.33	225	207532	49.057	ng	99
35) Caprolactam	8.65	113	101614m	38.575	ng	
36) 4-Chloro-3-methylphenol	8.75	107	409355	44.350	ng	97
37) 2-Methylnaphthalene	8.92	142	951440	52.337	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	363789	48.315	ng	99
40) Hexachlorocyclopentadiene	9.06	237	238508	69.313	ng	97

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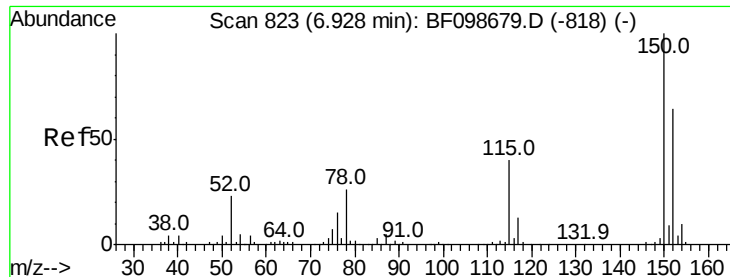
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	253119	47.452	nq	99
43) 2,4,5-Trichlorophenol	9.24	196	259431	48.720	nq	96
45) 1,1'-Biphenyl	9.38	154	1059222	48.814	nq	99
46) 2-Chloronaphthalene	9.40	162	843113	51.750	nq	99
47) 2-Nitroaniline	9.50	65	269516	54.026	nq	97
48) Acenaphthylene	9.82	152	1255882	50.355	nq	100
49) Dimethylphthalate	9.68	163	1104549	57.964	nq	100
50) 2,6-Dinitrotoluene	9.75	165	224207	54.045	nq	89
51) Acenaphthene	9.99	154	757433	47.943	nq	99
52) 3-Nitroaniline	9.90	138	57309	11.848	nq	97
53) 2,4-Dinitrophenol	10.02	184	135516	64.000	nq	92
54) Dibenzofuran	10.16	168	1117953	53.147	nq	98
55) 4-Nitrophenol	10.07	139	306805	75.010	nq	93
56) 2,4-Dinitrotoluene	10.15	165	286381	53.191	nq	99
57) Fluorene	10.51	166	838565	49.598	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	183432	49.868	nq	97
59) Diethylphthalate	10.37	149	970034	52.096	nq	99
60) 4-Chlorophenyl-phenylether	10.50	204	383058	50.438	nq	96
61) 4-Nitroaniline	10.53	138	200043	42.865	nq	96
62) Azobenzene	10.66	77	907172	52.987	nq	97
64) 4,6-Dinitro-2-methylphenol	10.56	198	102794	43.099	nq	82
65) n-Nitrosodiphenylamine	10.62	169	763579	56.227	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	217802	56.763	nq	97
67) Hexachlorobenzene	11.06	284	209586	51.142	nq	96
68) Atrazine	11.14	200	230007	56.294	nq	99
69) Pentachlorophenol	11.25	266	205026	80.386	nq	98
70) Phenanthrene	11.47	178	1114479	53.114	nq	99
71) Anthracene	11.52	178	1124463	52.375	nq	100
72) Carbazole	11.67	167	1018151	48.427	nq	99
73) Di-n-butylphthalate	12.00	149	1381069	54.574	nq	100
74) Fluoranthene	12.66	202	930325	43.785	nq	99
76) Benzidine	12.77	184	272247	35.303	nq	98
77) Pyrene	12.89	202	912929	57.421	nq	100
79) Butylbenzylphthalate	13.50	149	454553	60.833	nq	95
80) Benzo(a)anthracene	14.07	228	673812	53.370	nq	100
81) 3,3'-Dichlorobenzidine	14.03	252	147970	31.971	nq	97
82) Chrysene	14.11	228	640989	53.328	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	612870	59.567	nq	99
84) Di-n-octyl phthalate	14.66	149	977957	59.030	nq	99
85) Indeno(1,2,3-cd)pyrene	17.10	276	800910	83.297	nq	97
87) Benzo(b)fluoranthene	15.14	252	687734	49.016	nq	97
88) Benzo(k)fluoranthene	15.17	252	680446	49.100	nq	99
89) Benzo(a)pyrene	15.52	252	694113	53.893	nq	# 95
90) Dibenzo(a,h)anthracene	17.12	278	669483	64.952	nq	99
91) Benzo(g,h,i)perylene	17.56	276	659697	64.749	nq	96

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



#1

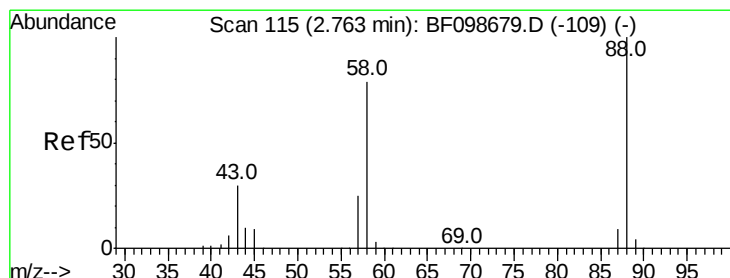
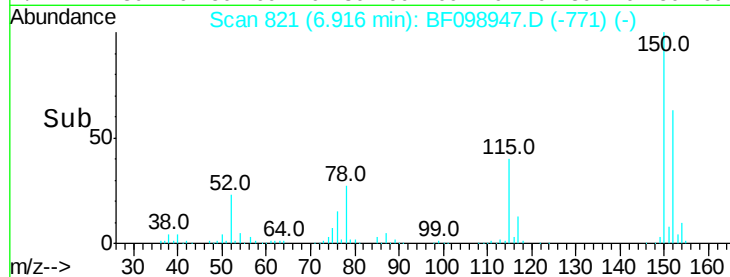
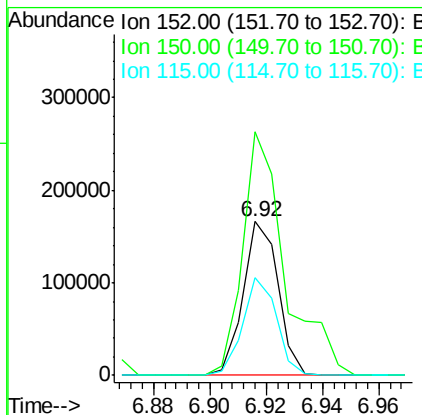
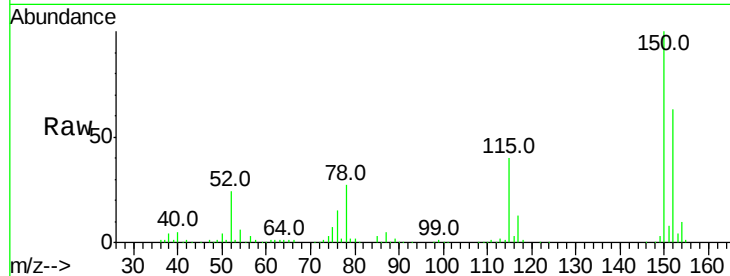
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.6	186.8
115	63.2	50.1	75.1

Manual Integrations
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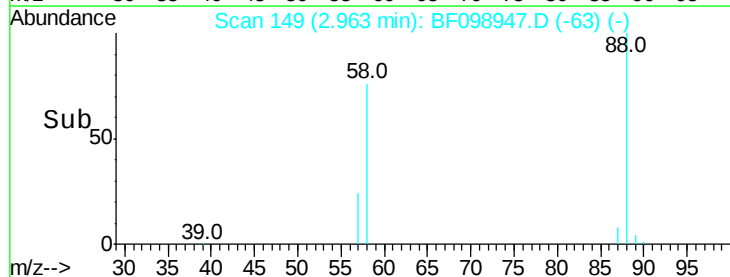
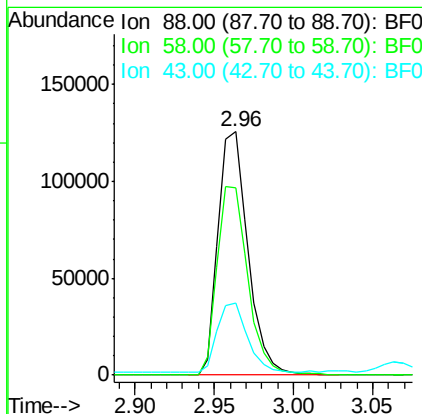
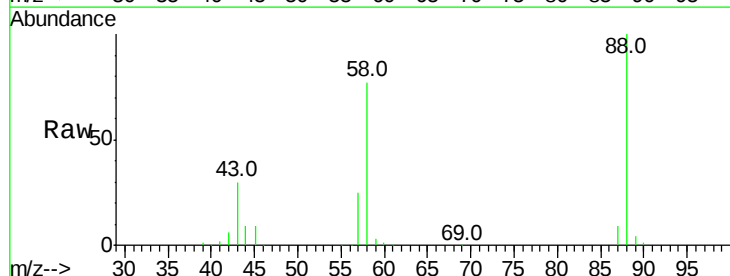
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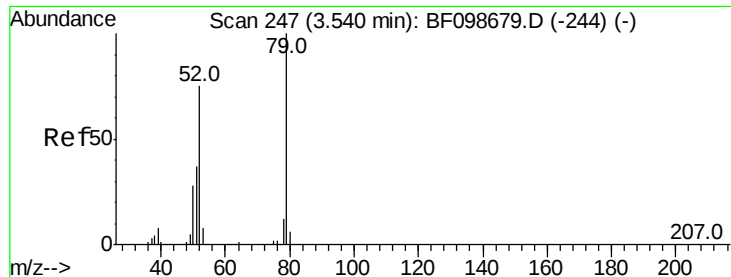


#2

1,4-Dioxane
Concen: 38.667 ng
RT: 2.96 min Scan# 149
Delta R.T. 0.21 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.5	62.6	93.8
43	0.0	24.6	37.0





#3

Pvridine

Concen: 34.855 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.14 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

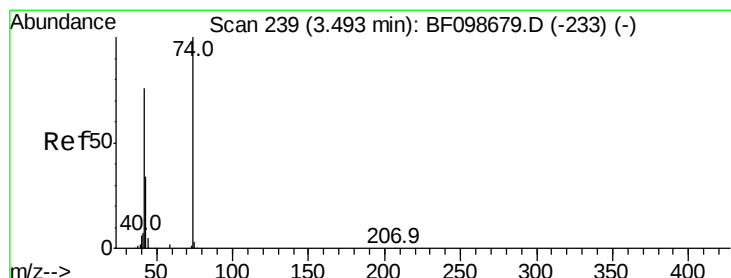
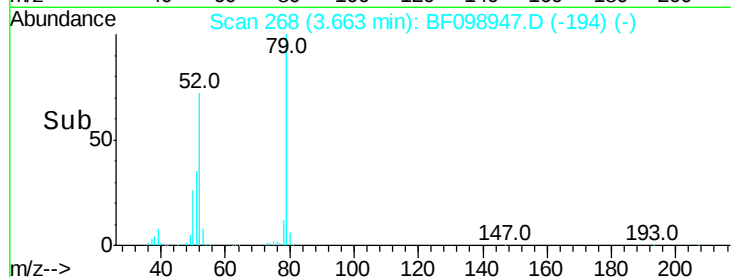
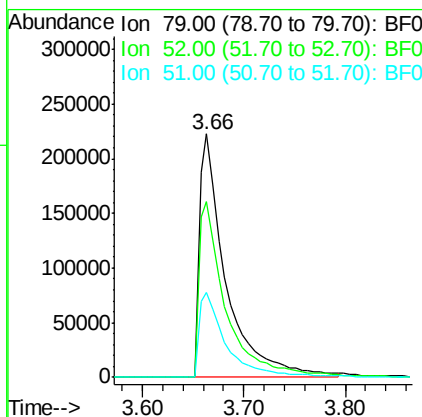
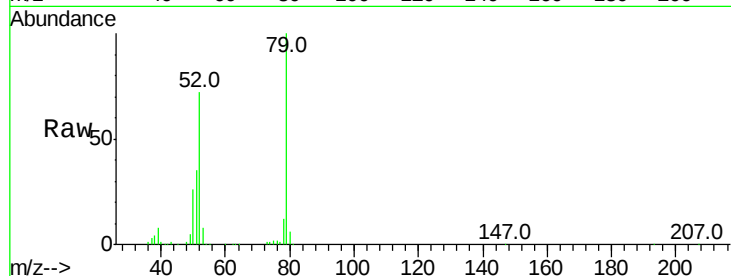
ClientSampleId :

20170660-A-C-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	72.0	59.8	89.6		
51	35.0	29.8	44.8		

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.805 ng

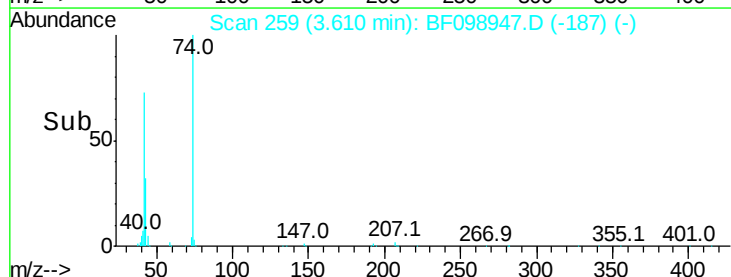
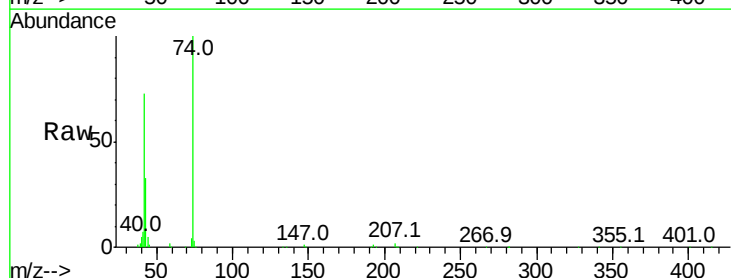
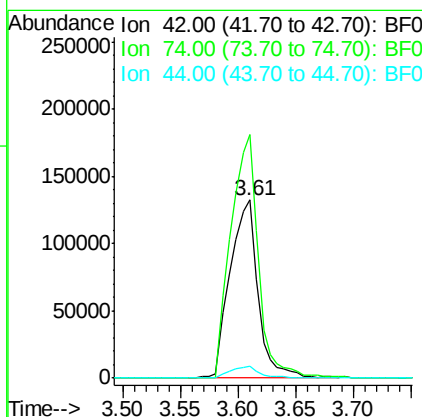
RT: 3.61 min Scan# 259

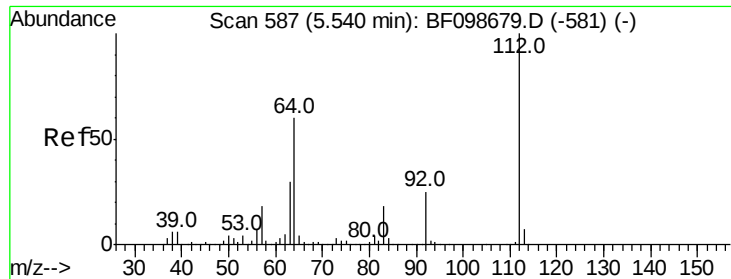
Delta R.T. 0.12 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	136.9	104.9	157.3		
44	6.9	6.9	10.3		





#5

2-Fluorophenol

Concen: 118.639 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

ClientSampleId :

20170660-A-C-1MSD

Tot Ion:112 Resp: 1060168

Ion Ratio Lower Upper

112 100

64 56.3 47.9 71.9

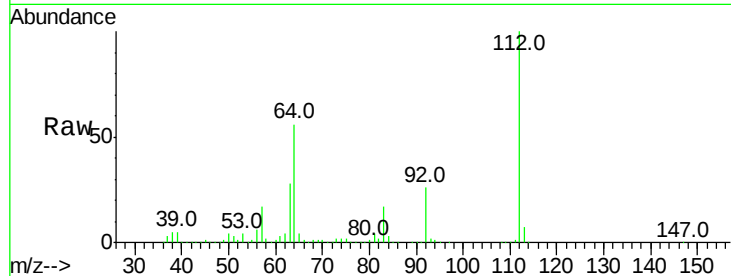
63 28.3 23.7 35.5

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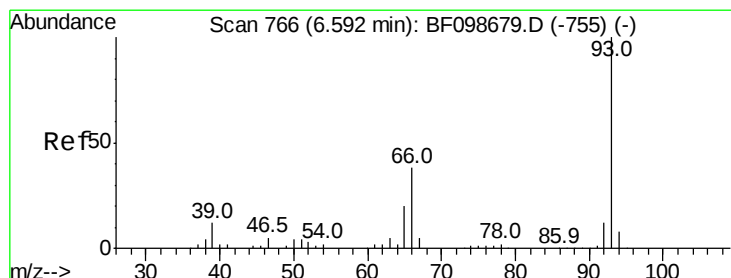
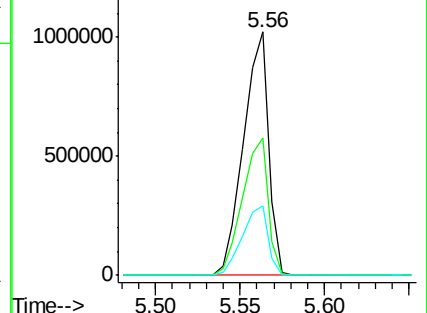
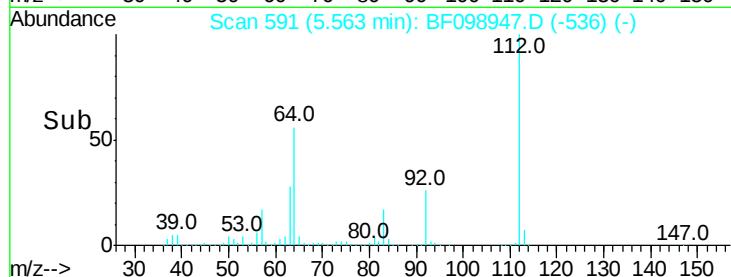
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.484 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

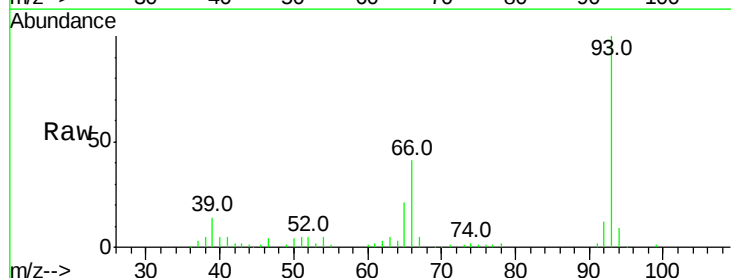
Tgt Ion: 93 Resp: 126224

Ion Ratio Lower Upper

93 100

66 40.9 32.2 48.2

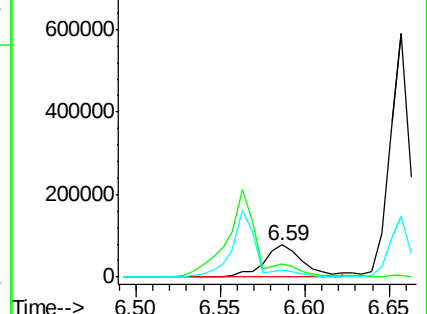
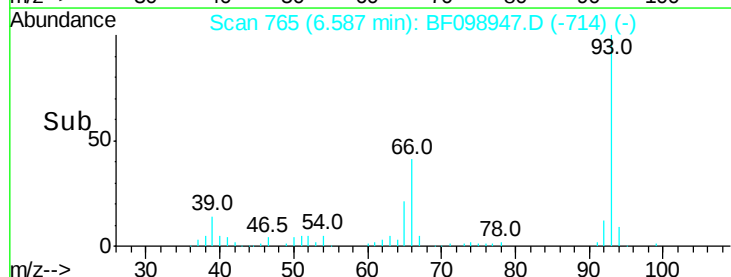
65 20.8 16.4 24.6

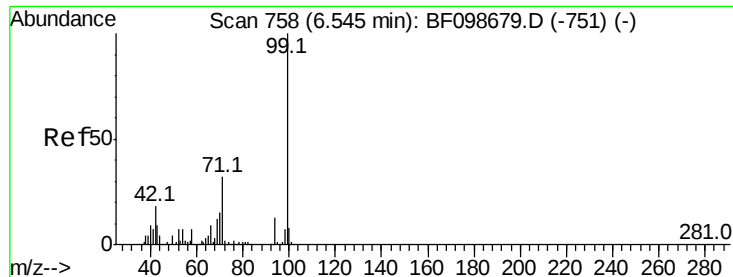


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.186 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

ClientSampleId :

20170660-A-C-1MSD

Tot Ion: 99 Resp: 1225674

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

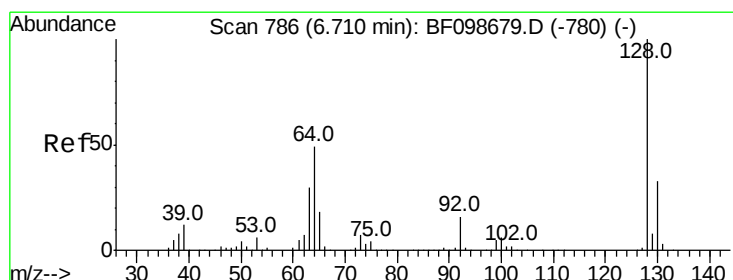
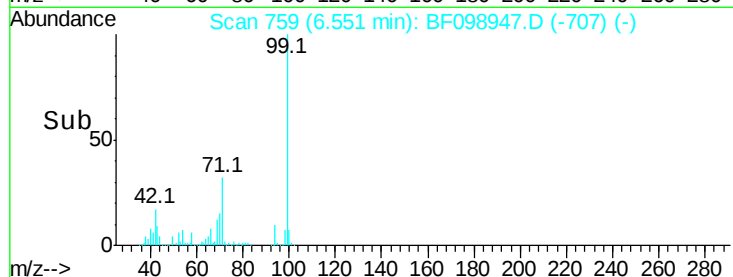
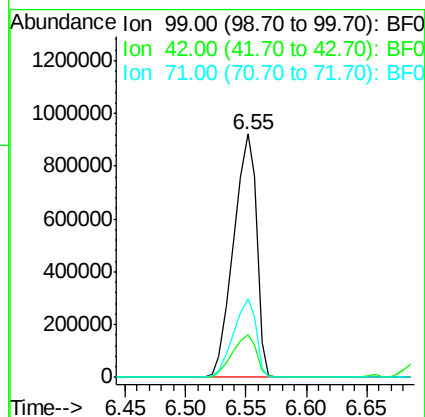
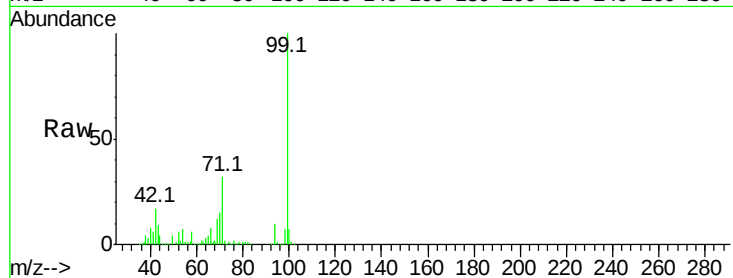
71 32.1 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 44.616 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

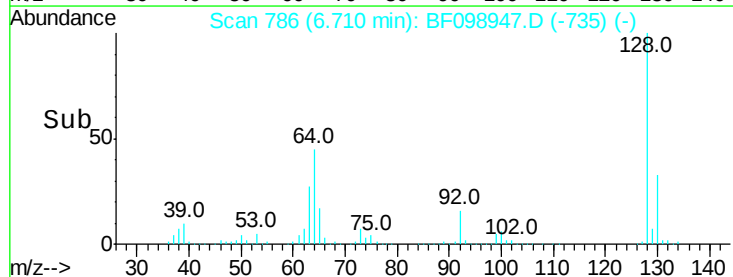
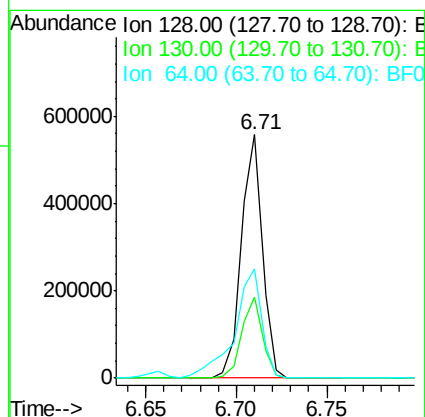
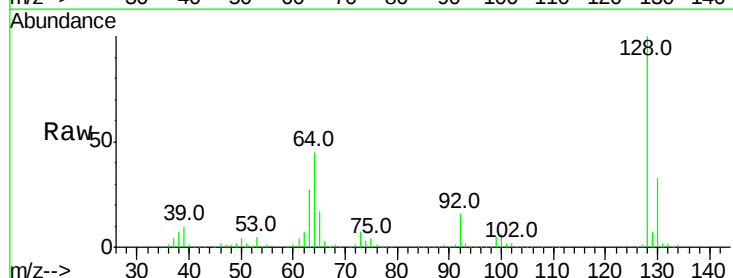
Tgt Ion: 128 Resp: 451496

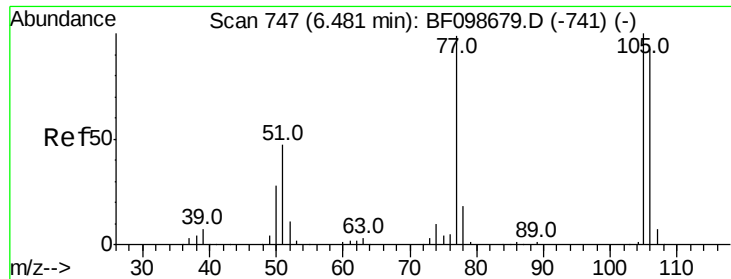
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 45.0 29.4 69.4





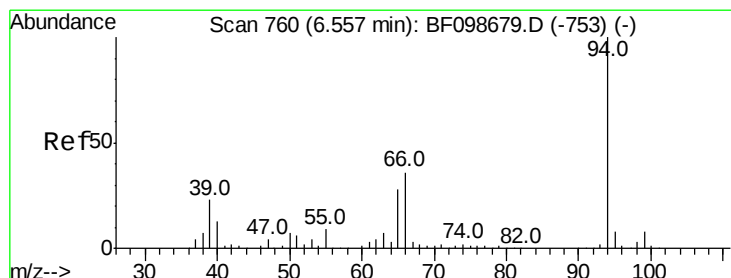
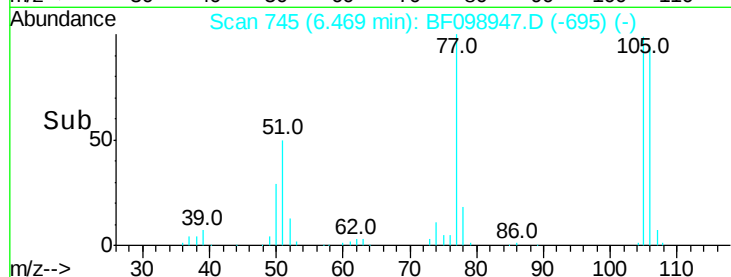
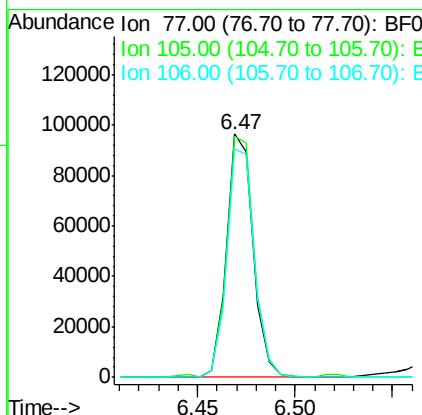
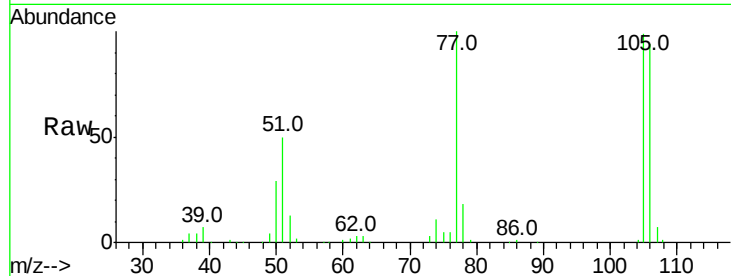
#9
Benzaldehyde
Concen: 14.212 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

Tot Ion: 77 Resp: 90877
Ion Ratio Lower Upper
77 100
105 99.2 81.1 121.1
106 93.8 74.5 114.5

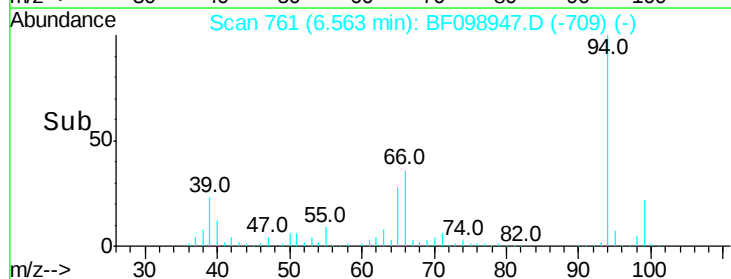
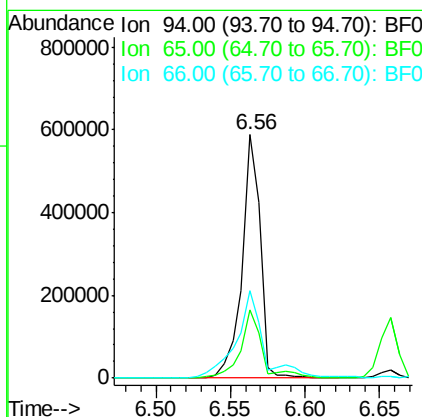
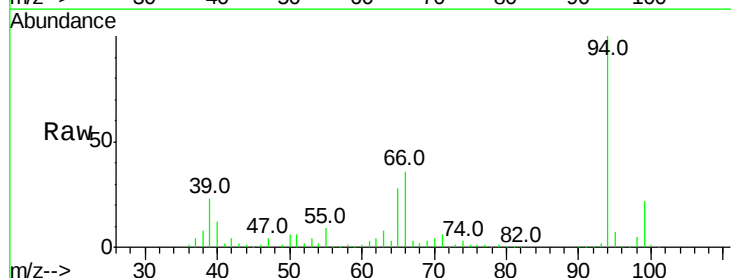
Manual Integrations
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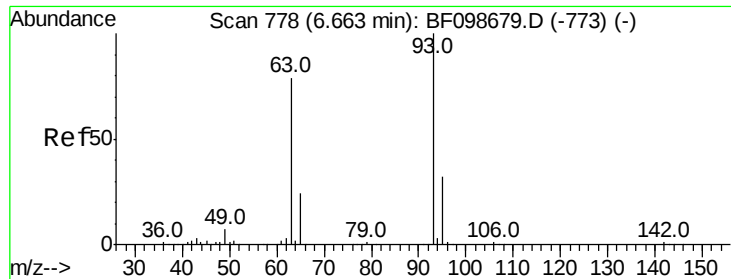
Sohil
10/2/2017 5:38:49 PM



#10
Phenol
Concen: 40.263 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Tgt Ion: 94 Resp: 496385
Ion Ratio Lower Upper
94 100
65 27.8 7.9 47.9
66 36.2 16.2 56.2





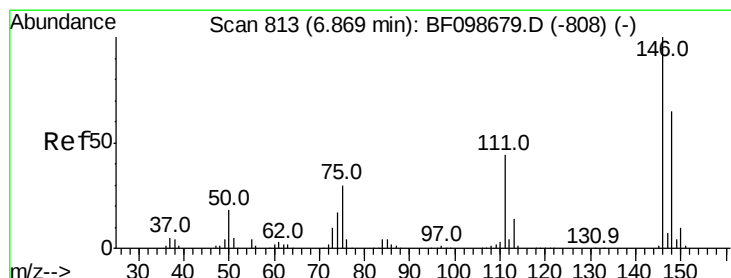
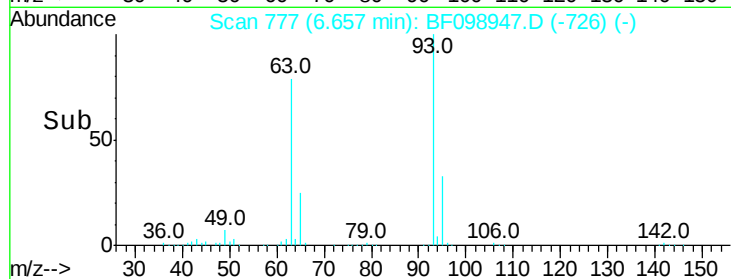
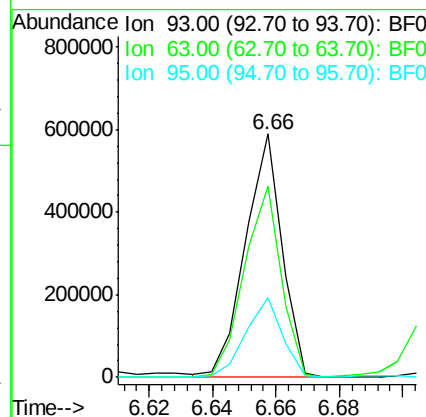
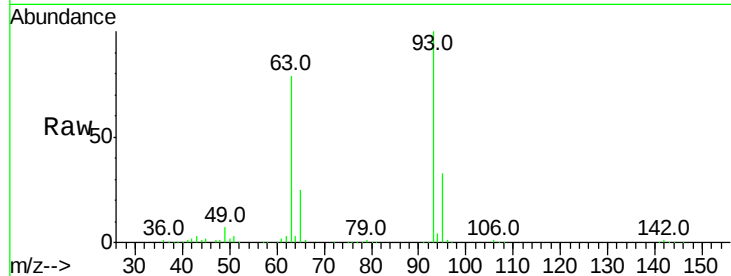
#11
bis(2-Chloroethyl)ether
Concen: 49.230 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

Tot Ion:	93	Resp:	471842
Ion Ratio	Lower	Upper	
93	100		
63	78.7	58.6	98.6
95	32.9	11.8	51.8

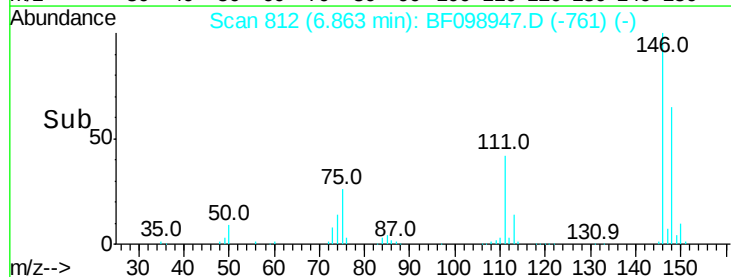
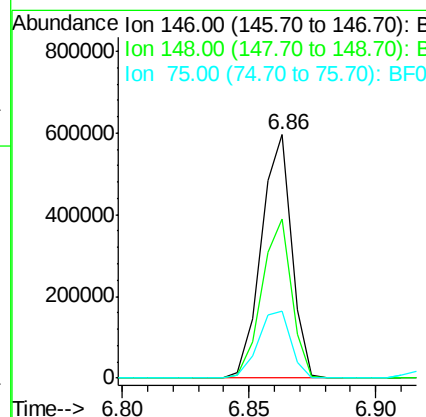
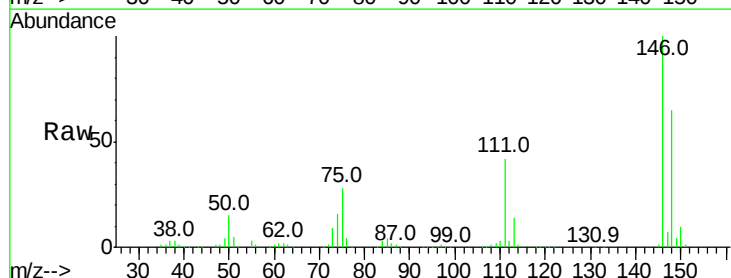
Manual Integrations
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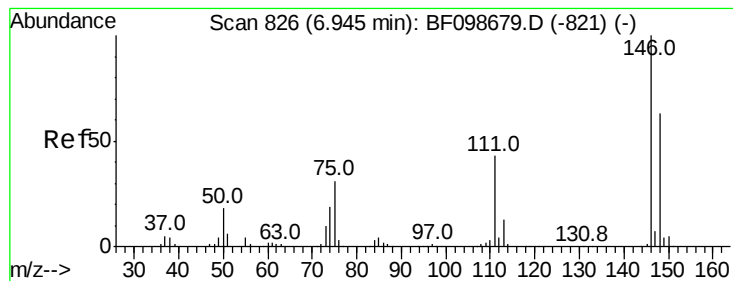
Sohil
10/2/2017 5:38:49 PM



#12
1,3-Dichlorobenzene
Concen: 47.098 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Tgt Ion:	146	Resp:	499150
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.8	77.8
75	27.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 46.585 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

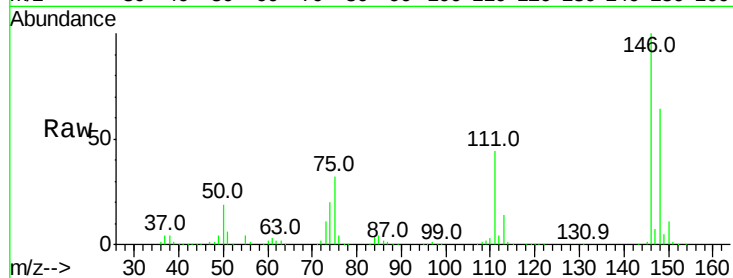
ClientSampleId :

20170660-A-C-1MSD

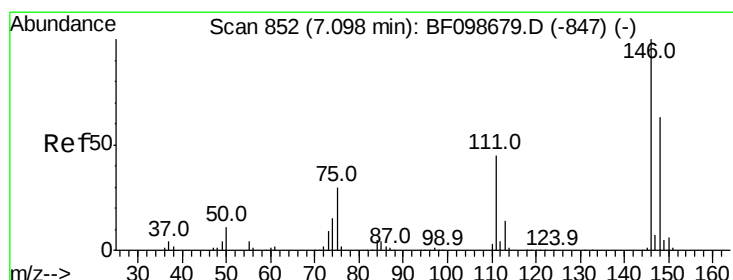
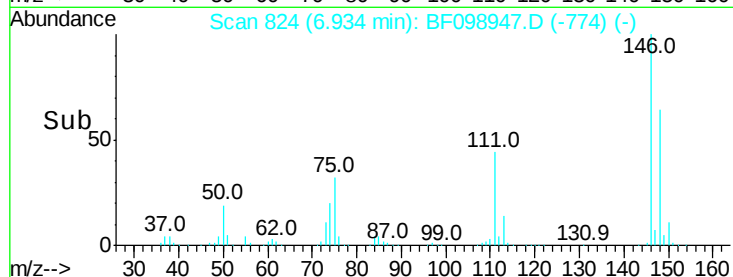
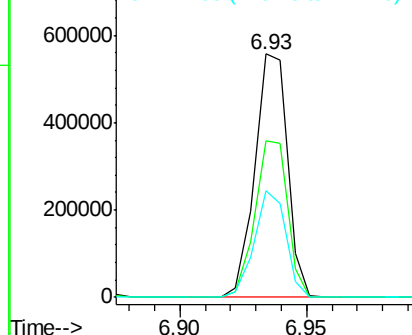
Tot Ion:	146	Resp:	502320
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.8	76.2
111	43.8	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.669 ng

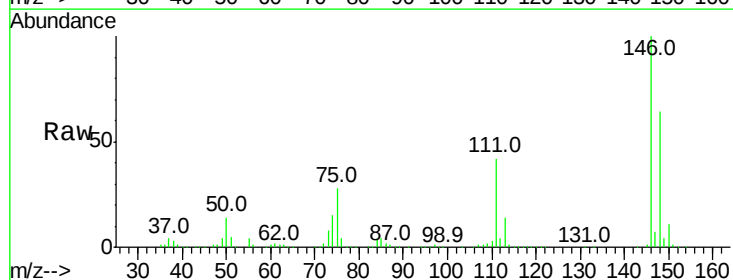
RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

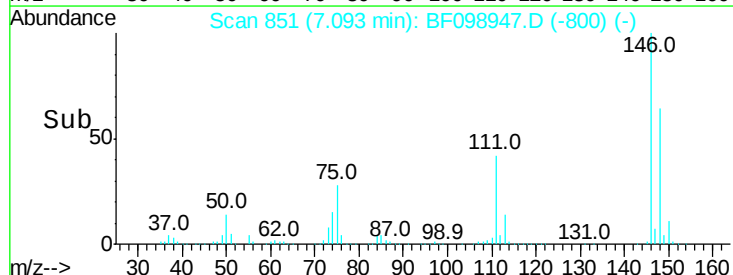
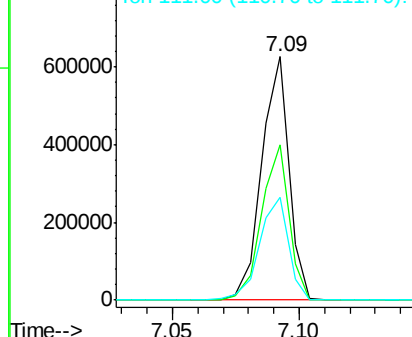
Lab File: BF098947.D

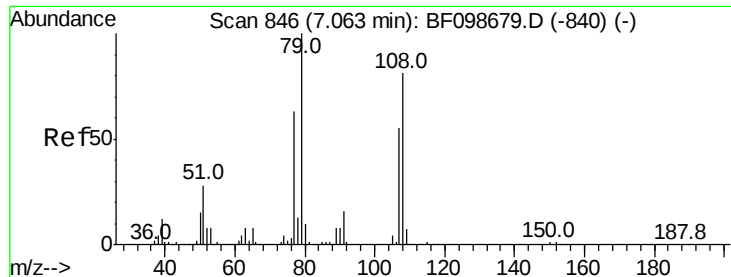
Acq: 29 Sep 2017 14:51

Tgt Ion:	146	Resp:	474949
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	75.8
111	42.2	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.983 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

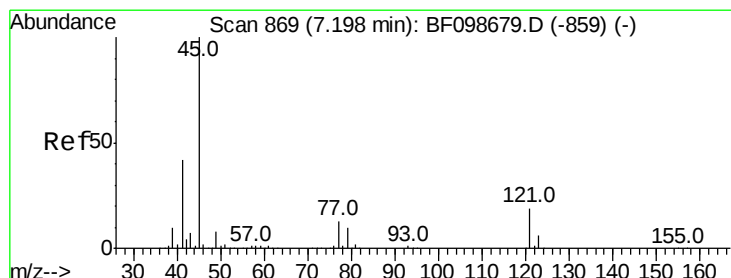
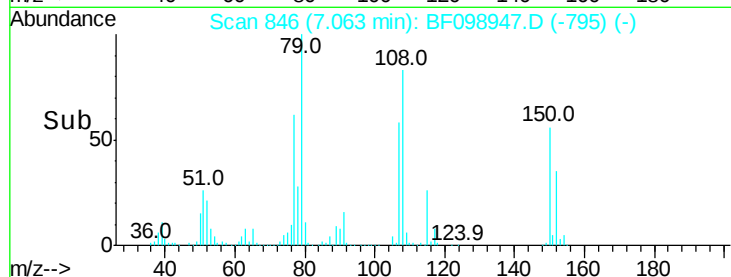
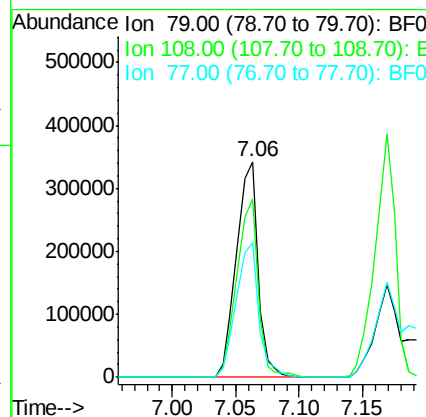
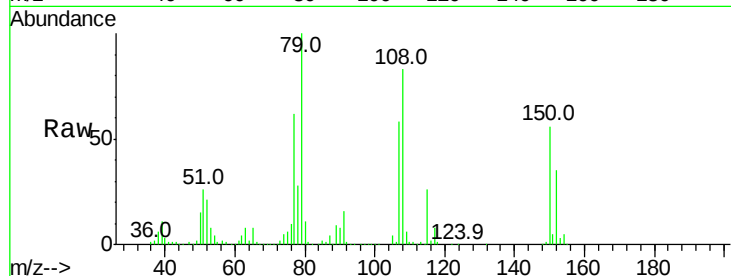
ClientSampleId :

20170660-A-C-1MSD

Tot Ion:	79	Resp:	404210
Ion	Ratio	Lower	Upper
79	100		
108	82.8	65.1	97.7
77	62.3	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 49.986 ng

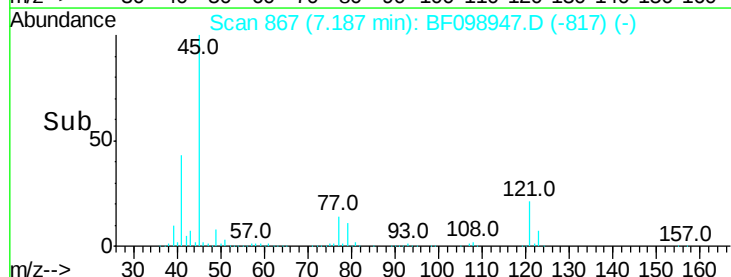
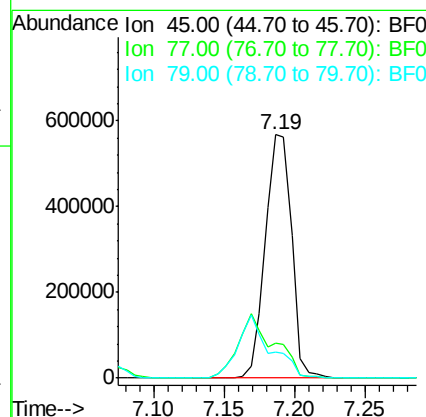
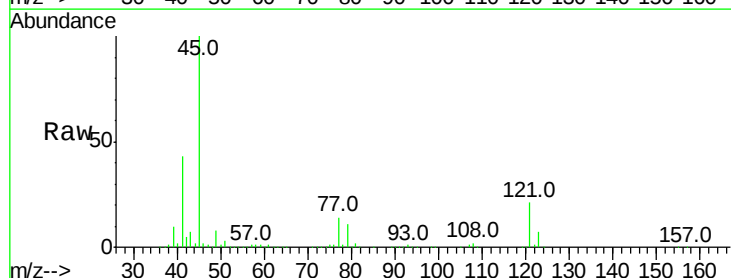
RT: 7.19 min Scan# 867

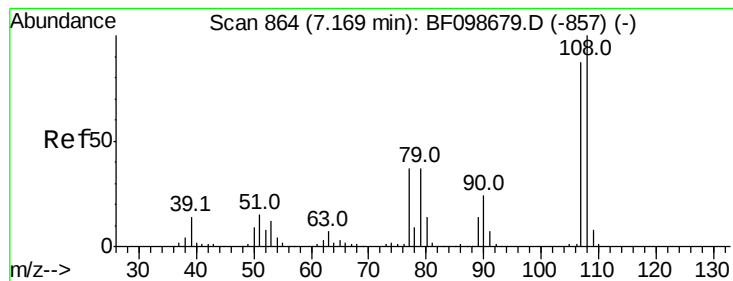
Delta R.T. -0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Tgt Ion:	45	Resp:	746413
Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	32.9
79	10.6	0.0	29.6





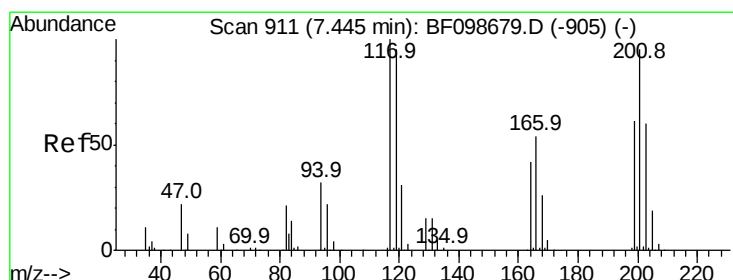
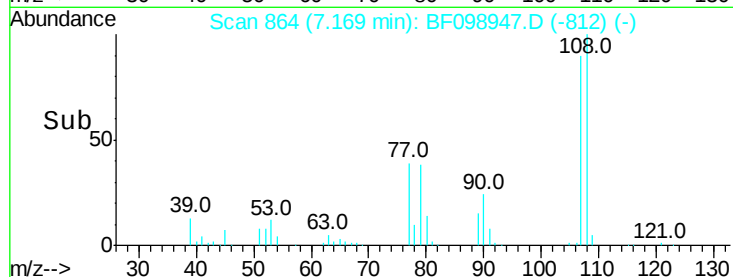
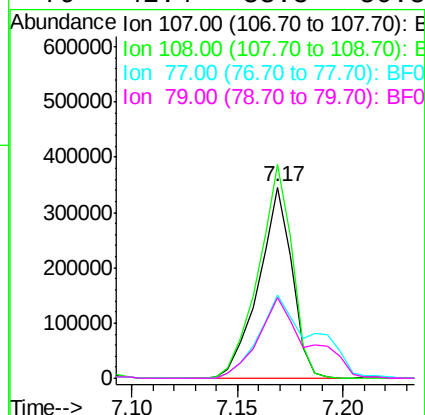
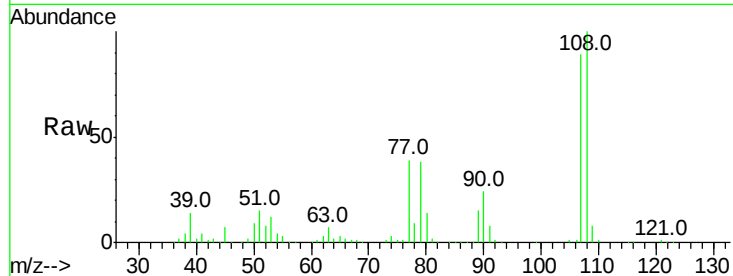
#17
2-Methylphenol
Concen: 45.973 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	380669		
108	108.00	111.9		91.7	137.5
77	77.00	43.5		33.8	50.8
79	79.00	42.4		33.8	50.8

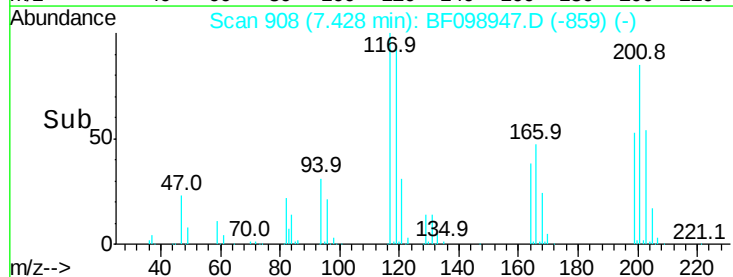
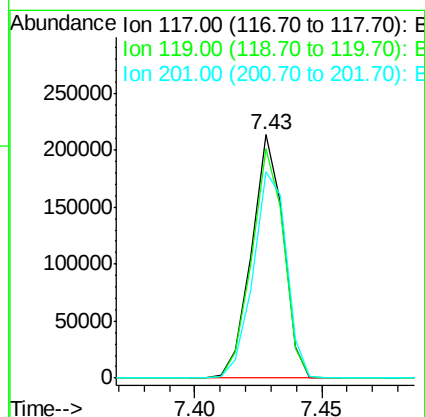
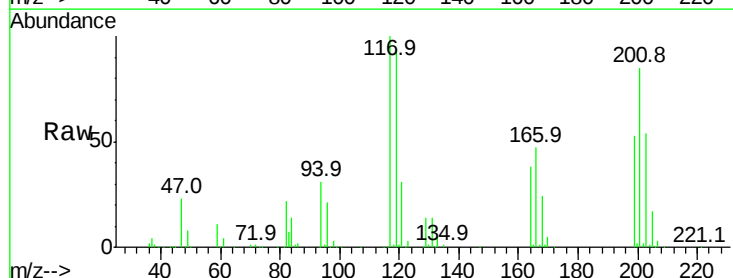
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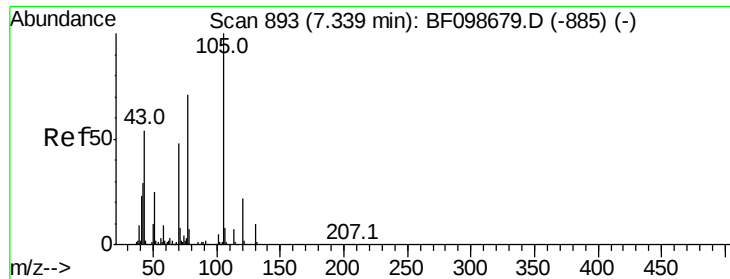
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#18
Hexachloroethane
Concen: 48.043 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	186205		
119	119.00	94.4		75.8	113.8
201	201.00	84.7		75.7	113.5





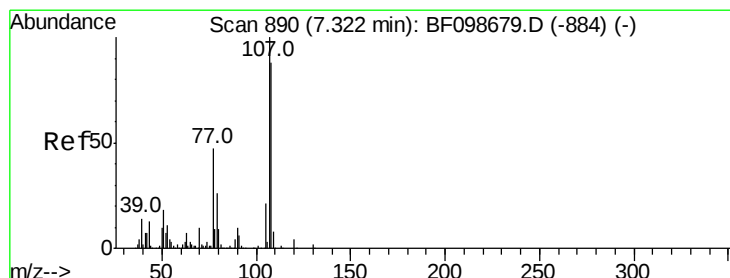
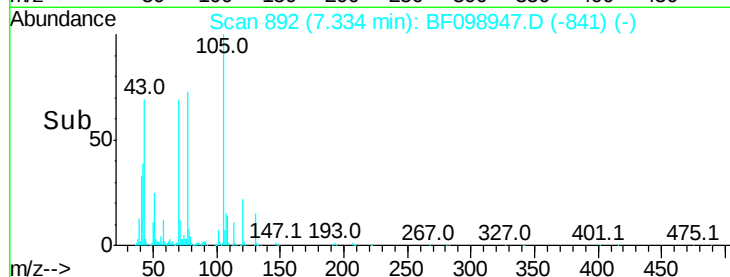
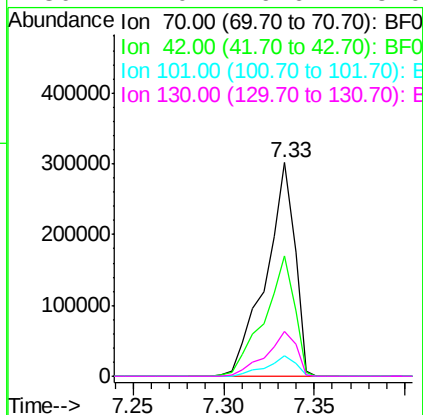
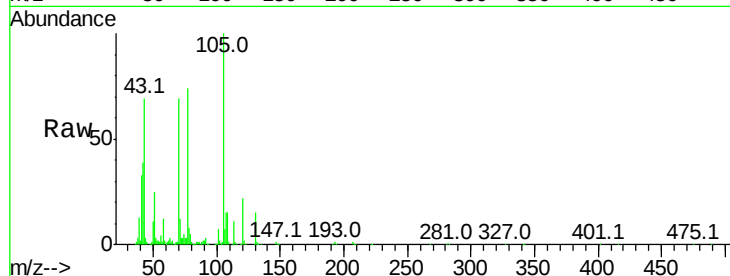
#19
n-Nitroso-di-n-propylamine
Concen: 47.970 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

Tot Ion	70	Resp	337615
Ion Ratio	Lower	Upper	
70	100		
42	56.4	47.5	71.3
101	9.9	7.4	11.2
130	21.0	16.6	25.0

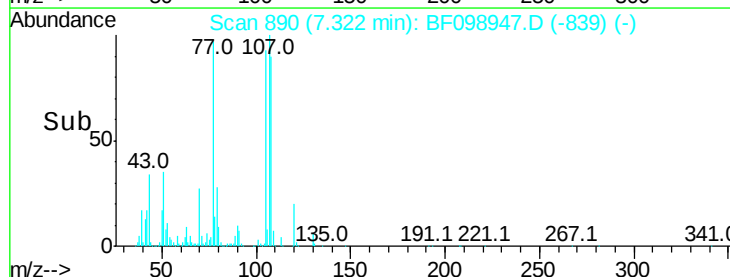
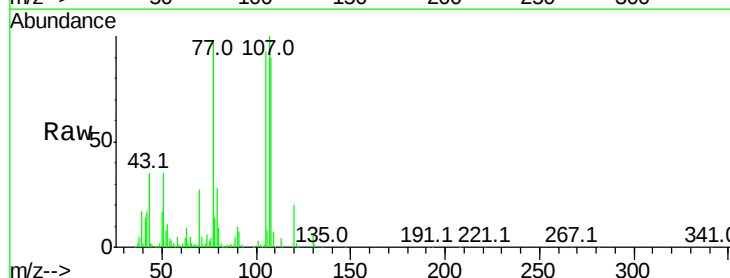
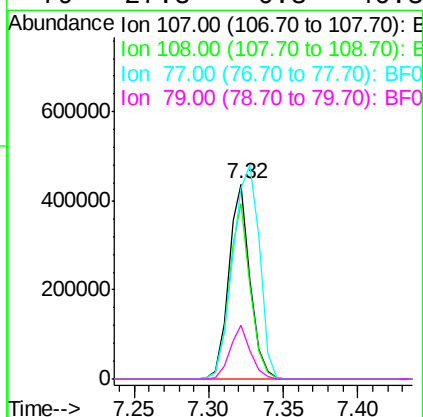
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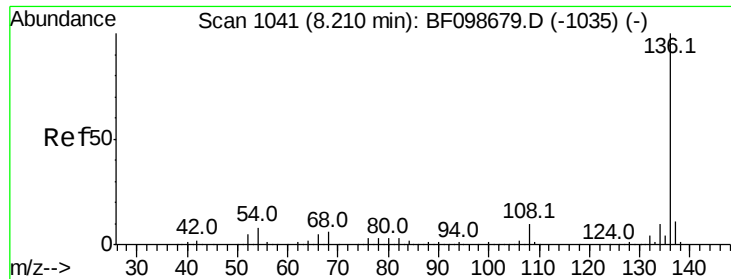
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#20
3+4-Methylphenols
Concen: 42.266 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Tgt Ion	107	Resp	442736
Ion Ratio	Lower	Upper	
107	100		
108	89.8	68.2	108.2
77	97.5	26.7	66.7#
79	27.8	6.3	46.3





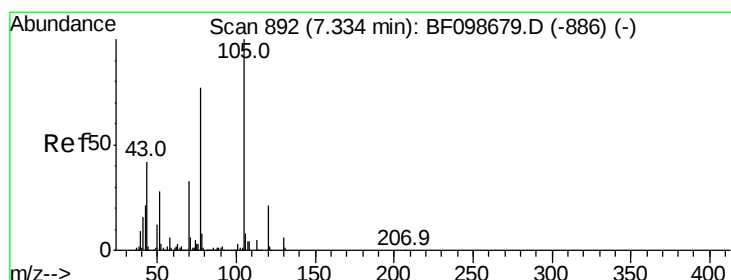
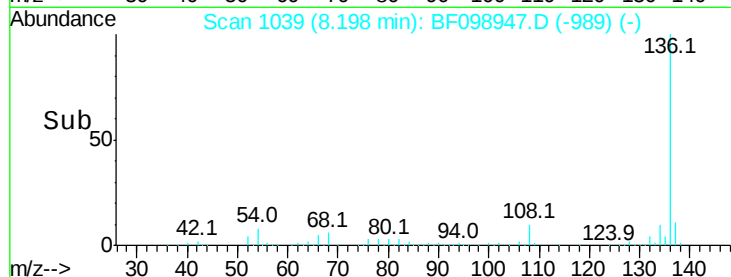
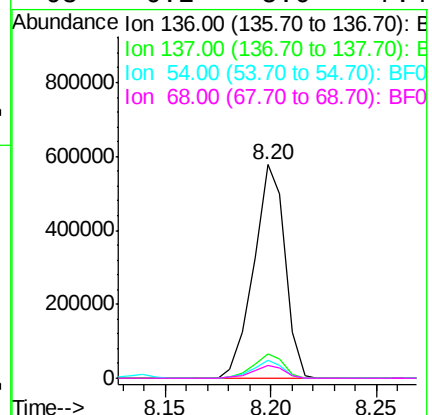
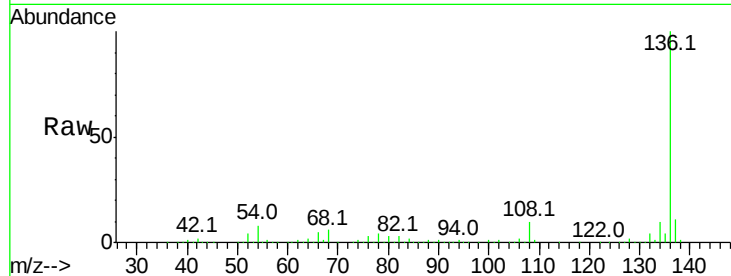
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	595415		
137	11.2		8.9	13.3
54	8.3		6.6	9.8
68	6.2		5.0	7.4

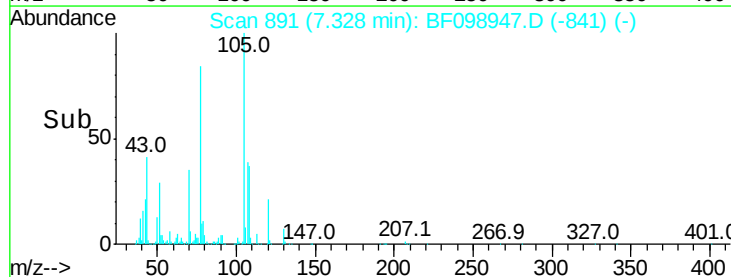
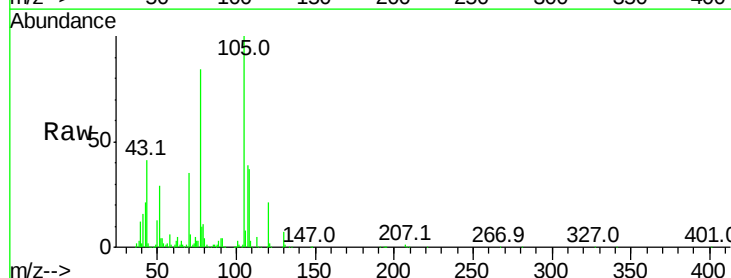
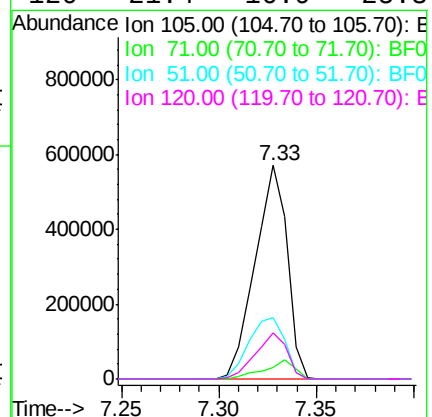
Manual Integrations
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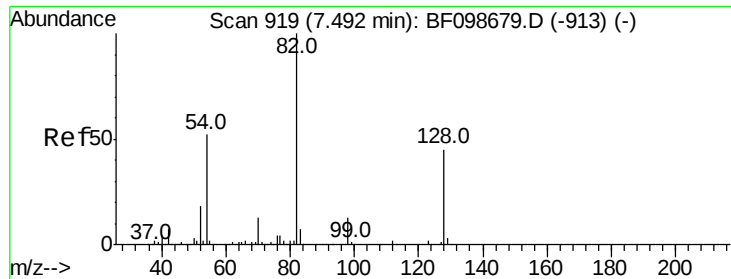
Sohil
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#22
Acetophenone
Concen: 45.189 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	651888		
71	5.6		4.4	6.6
51	28.6		22.3	33.5
120	21.4		16.9	25.3





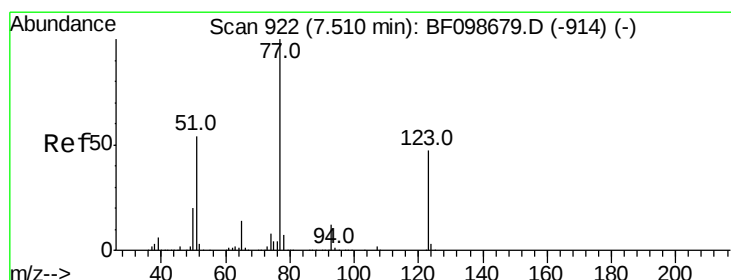
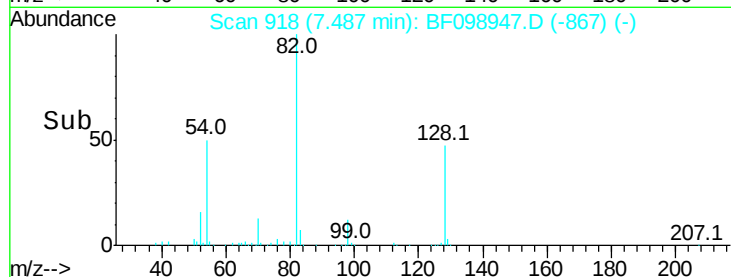
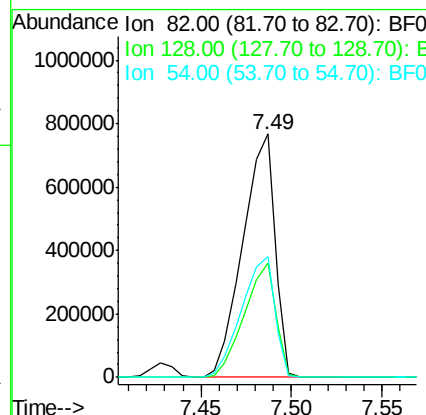
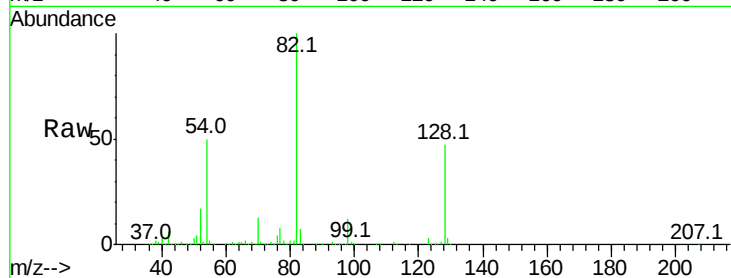
#23
Nitrobenzene-d5
Concen: 102.222 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	49.8	41.4	62.2

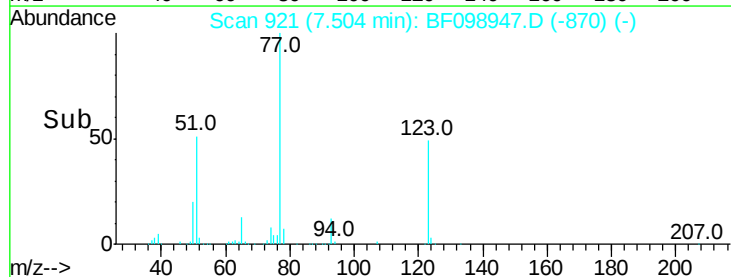
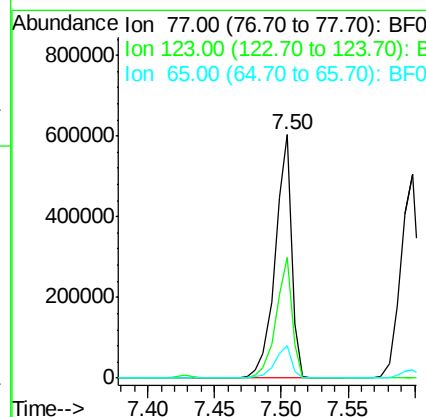
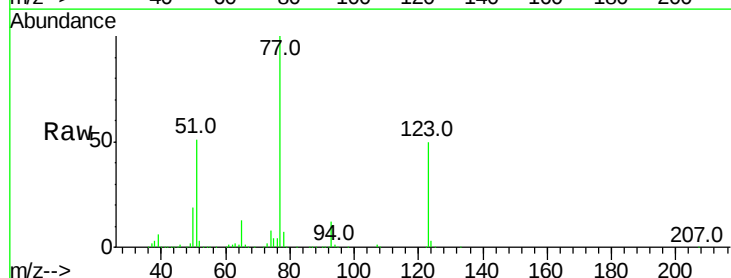
Manual Integrations
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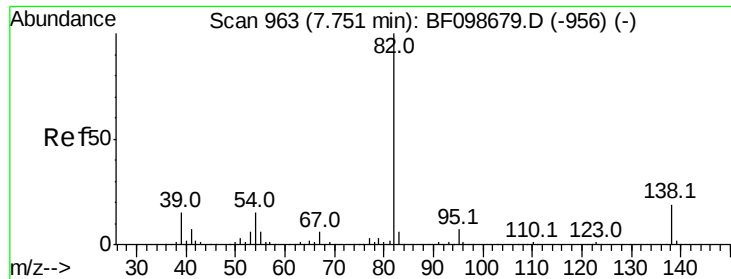
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#24
Nitrobenzene
Concen: 49.145 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.9	56.9
65	13.2	11.0	16.4





#25

Isophorone

Concen: 49.969 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

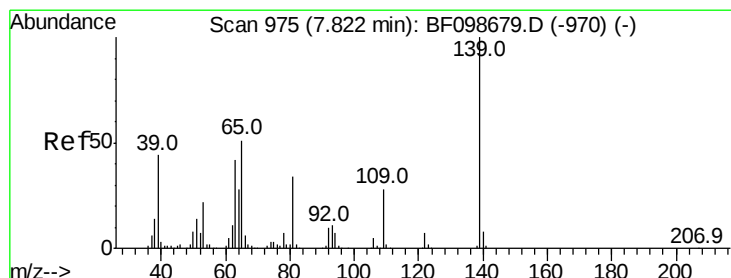
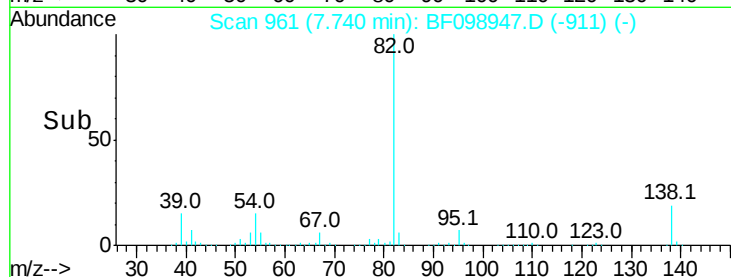
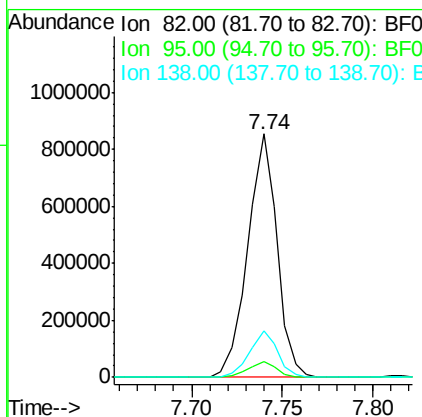
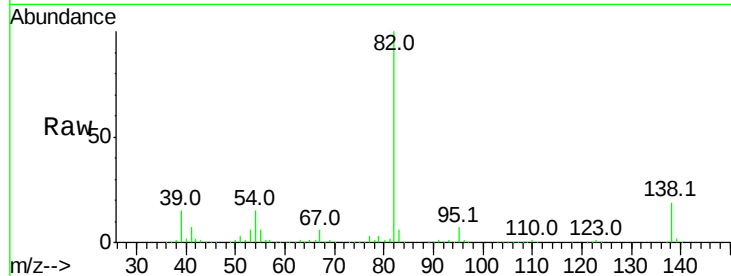
ClientSampleId :

20170660-A-C-1MSD

Tot Ion:	82	Resp:	959194
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	18.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.208 ng

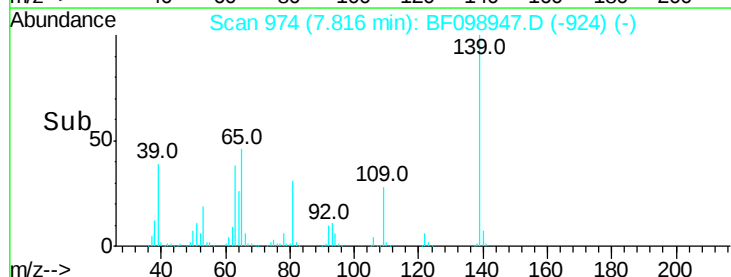
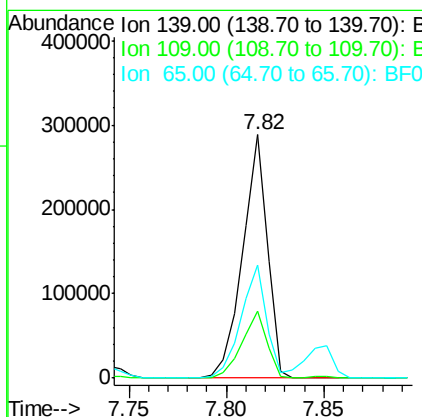
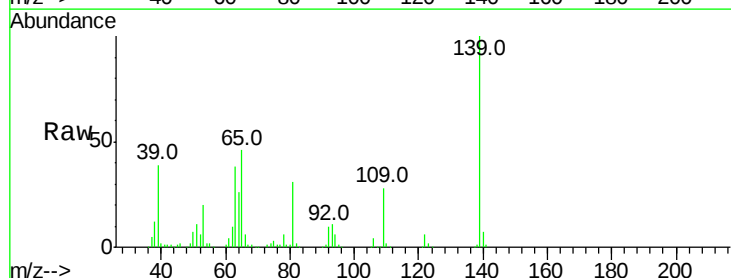
RT: 7.82 min Scan# 974

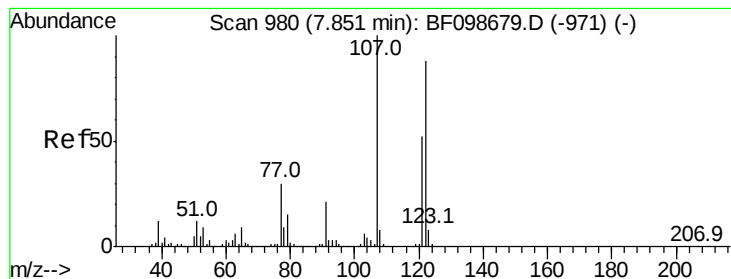
Delta R.T. -0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Tgt Ion:	139	Resp:	254287
Ion Ratio	Lower	Upper	
139	100		
109	27.6	22.7	34.1
65	46.2	40.5	60.7





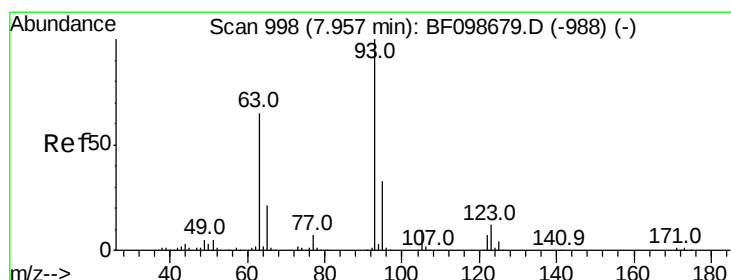
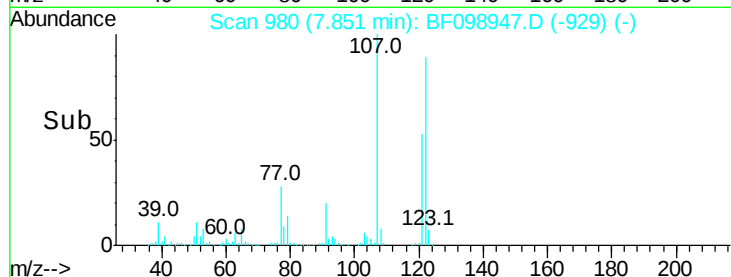
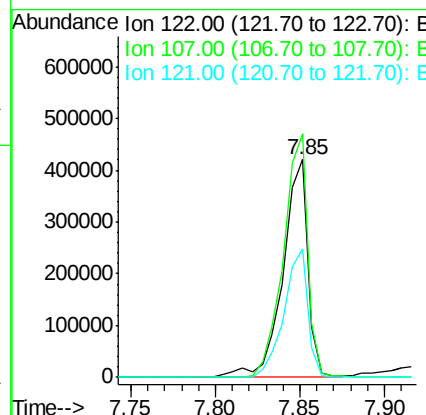
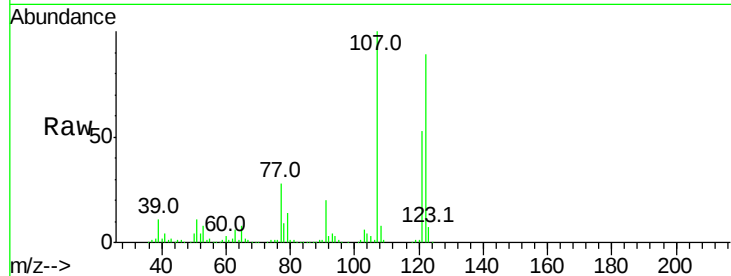
#27
 2,4-Dimethylphenol
 Concen: 45.382 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.8	91.2	136.8
121	58.7	47.2	70.8

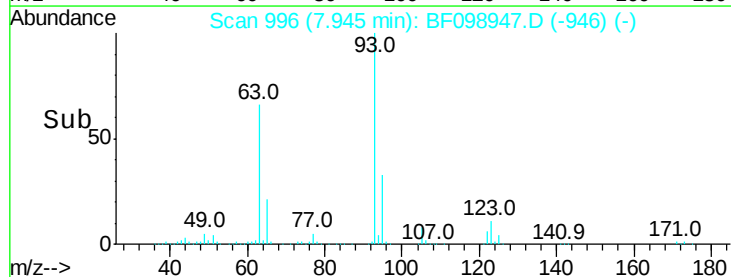
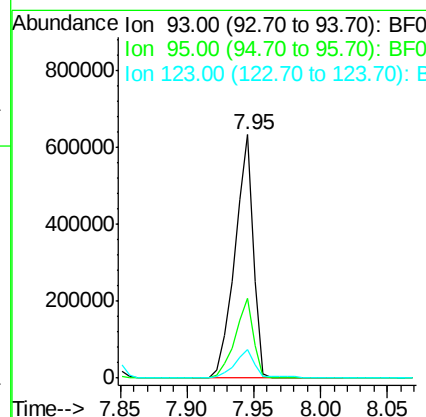
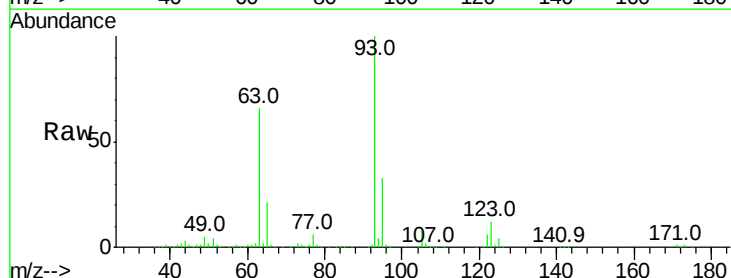
Manual Integrations
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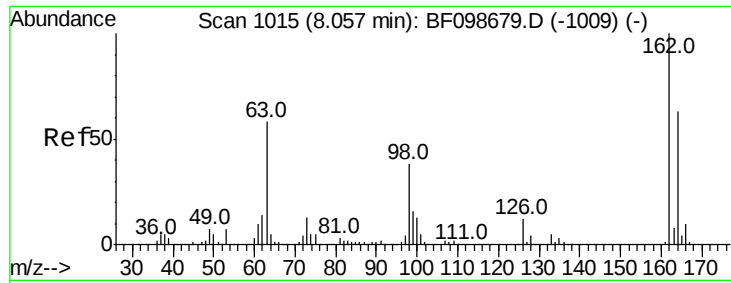
Sohil
 10/2/2017 5:38:49 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.624 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.6	9.8	14.6





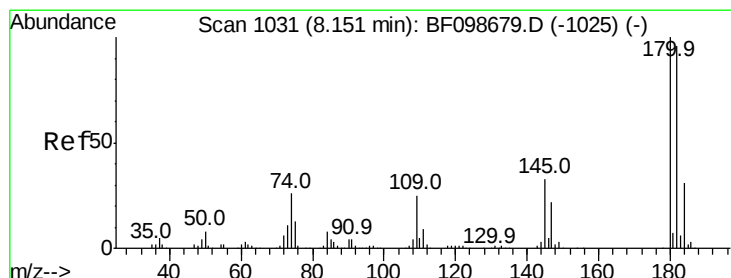
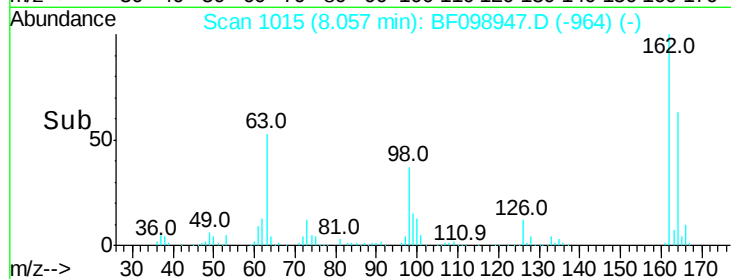
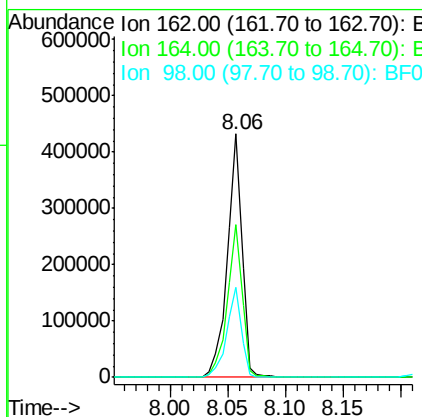
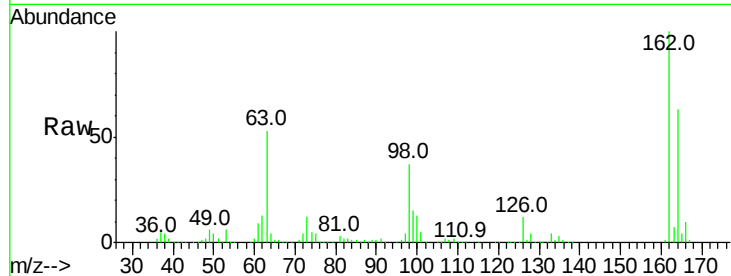
#29
 2,4-Dichlorophenol
 Concen: 46.478 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	381672		
164	62.7		42.7	82.7
98	36.9		18.1	58.1

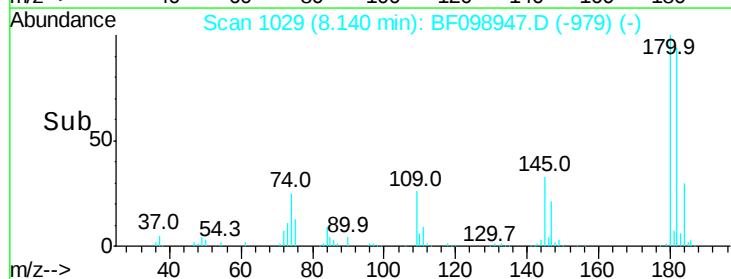
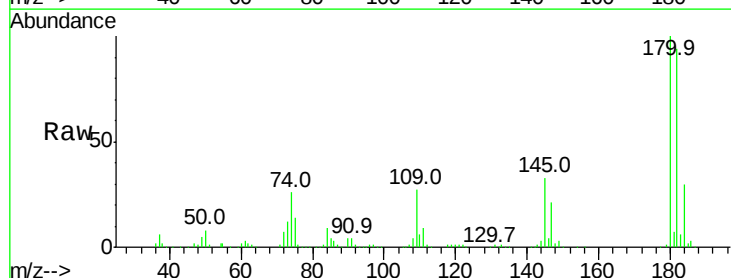
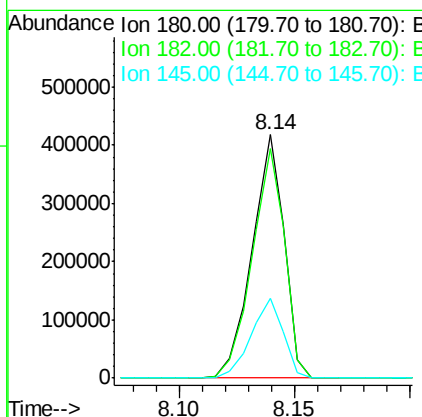
Manual Integrations
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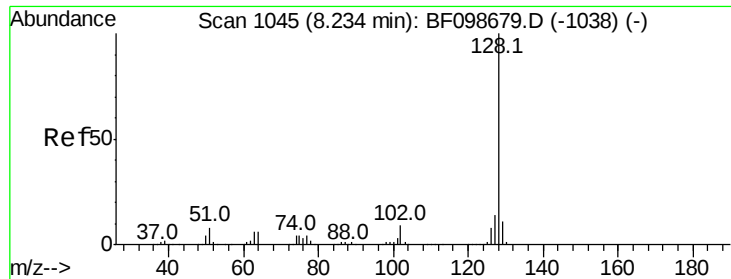
Sohil
 10/2/2017 5:38:49 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 49.191 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	404016		
182	94.4		76.8	115.2
145	32.9		26.5	39.7





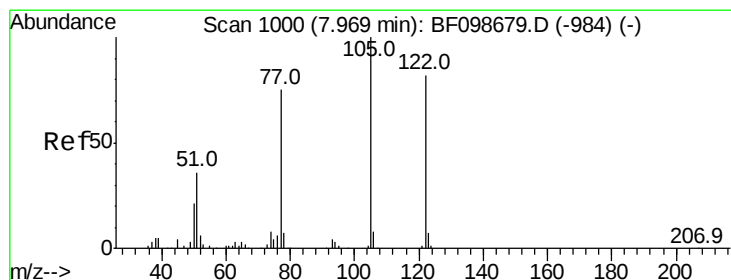
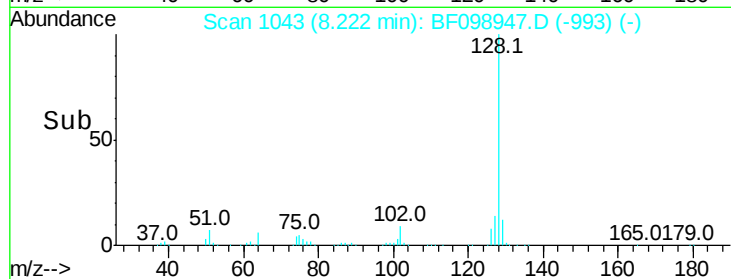
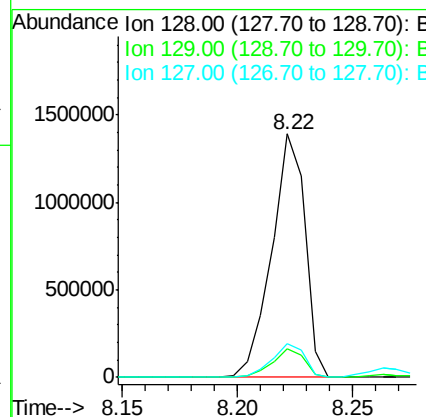
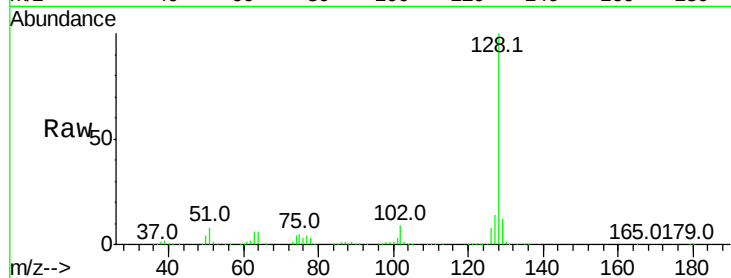
#31
Naphthalene
Concen: 49.787 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.7	10.9	16.3

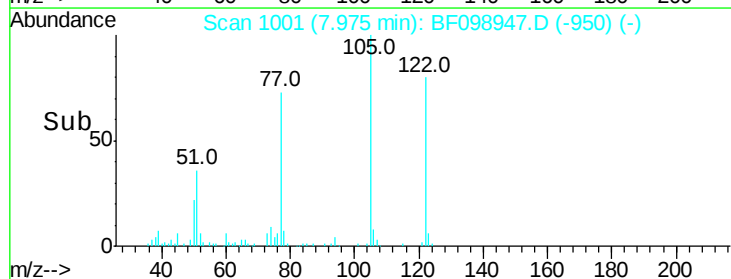
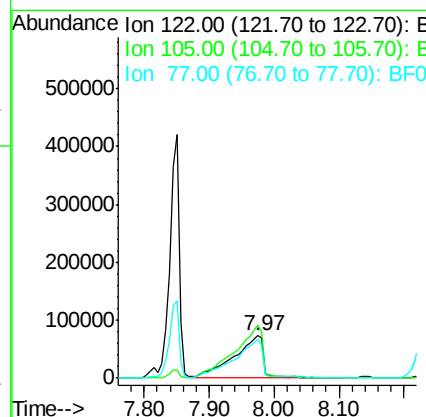
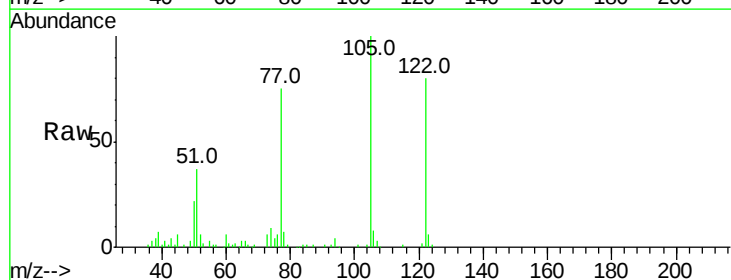
Manual Integrations
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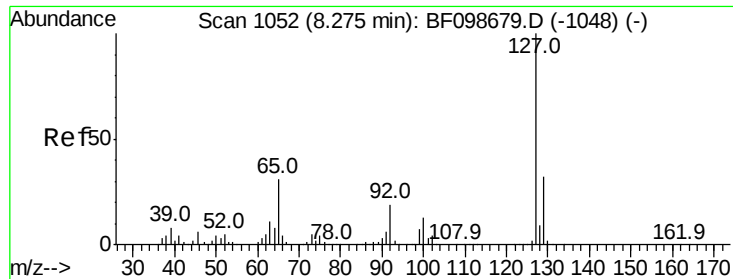
Sohil
10/2/2017 5:38:49 PM



#32
Benzoic acid
Concen: 28.930 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	101.1	141.1
77	92.7	70.7	110.7





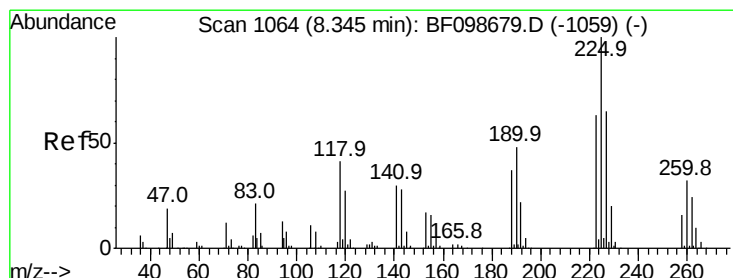
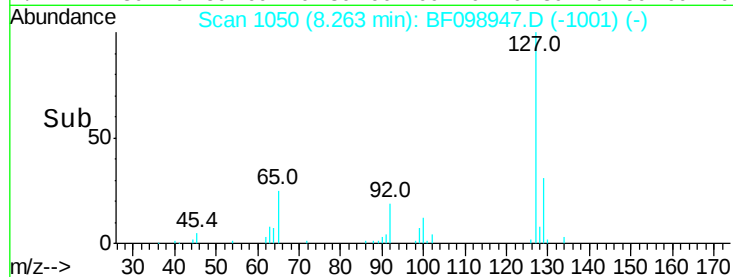
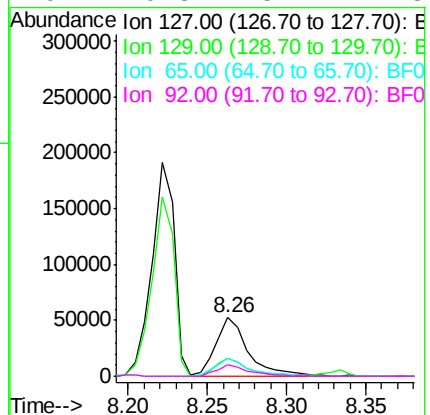
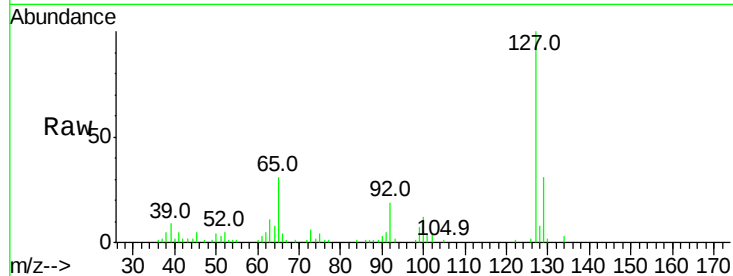
#33
 4-Chloroaniline
 Concen: 6.280 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	31.1	25.0	37.4
92	19.3	15.2	22.8

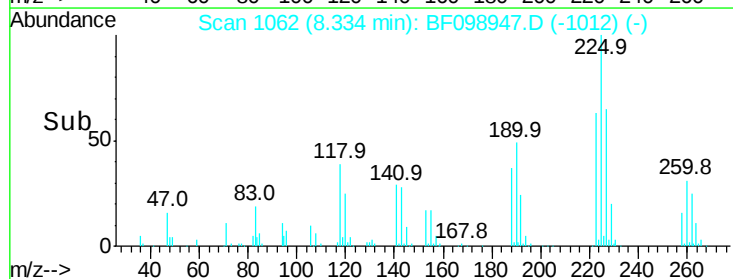
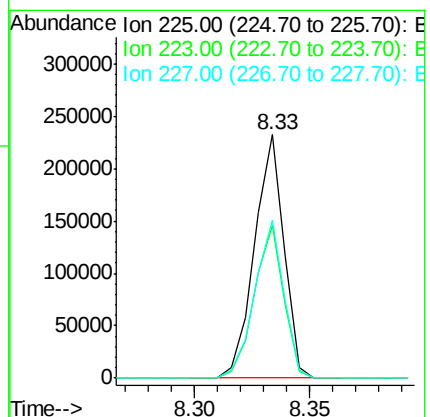
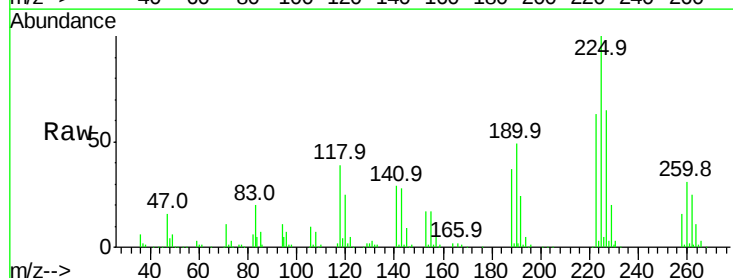
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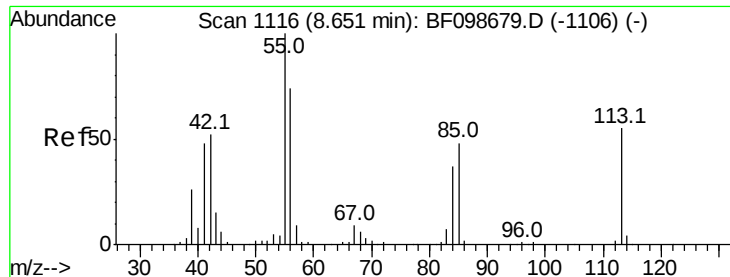
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#34
 Hexachlorobutadiene
 Concen: 49.057 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	64.7	51.9	77.9





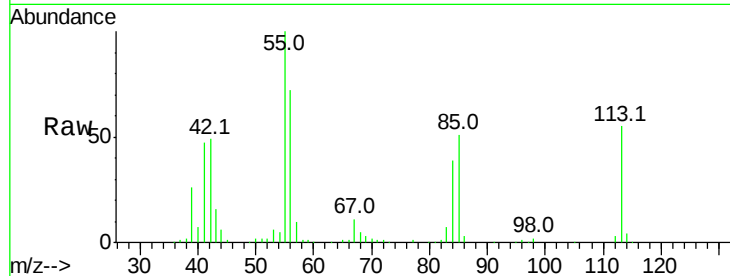
#35
 Caprolactam
 Concen: 38.575 ng/ml
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	180.9	163.3	203.3		
56	130.2	115.7	155.7		

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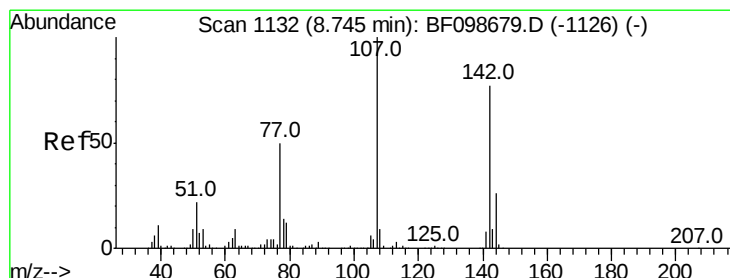
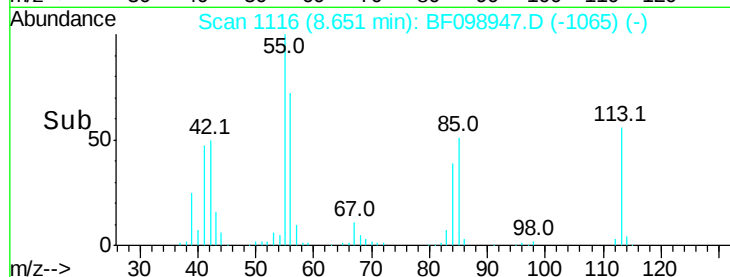
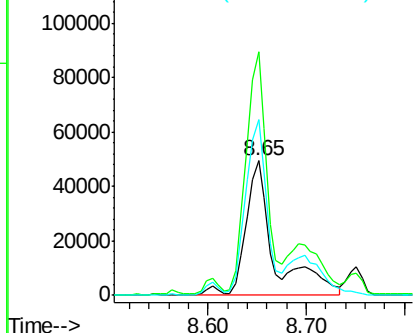
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Abundance Ion 113.00 (112.70 to 113.70): E

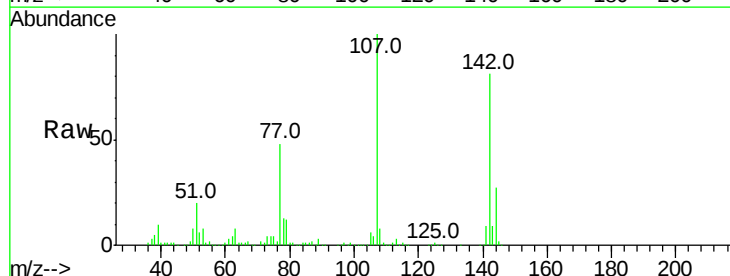
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
 4-Chloro-3-methylphenol
 Concen: 44.350 ng/ml
 RT: 8.75 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

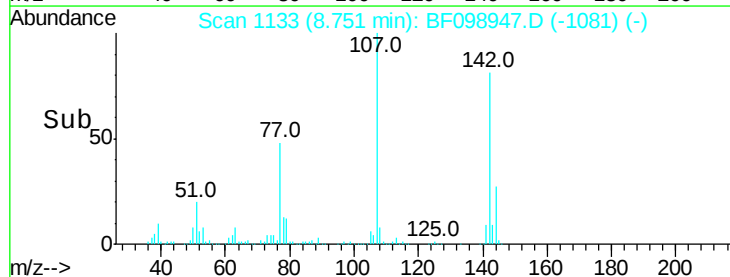
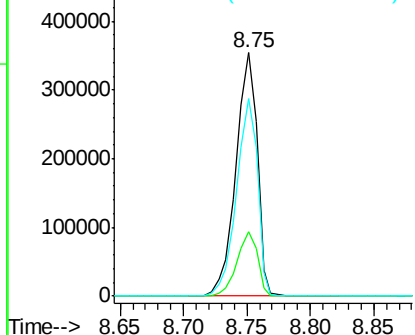
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.7	20.5	30.7		
142	80.9	62.0	93.0		

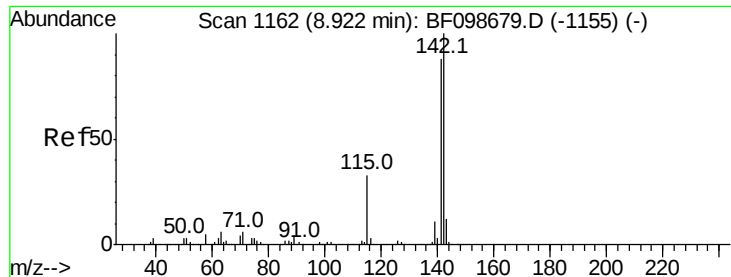


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





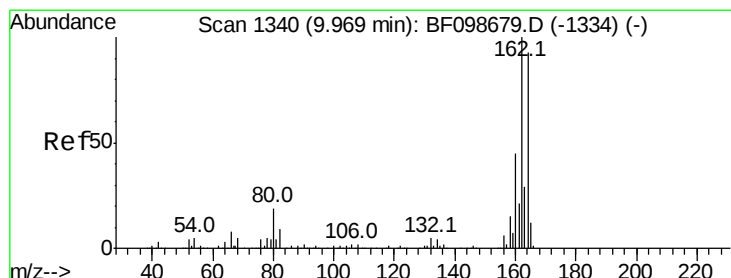
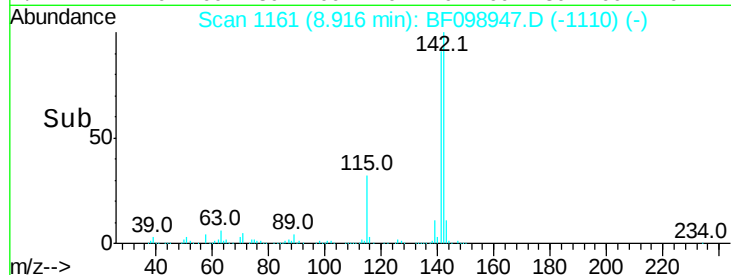
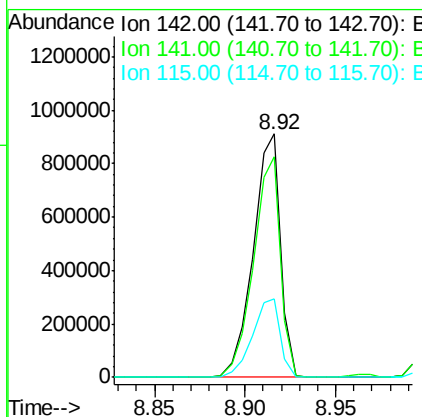
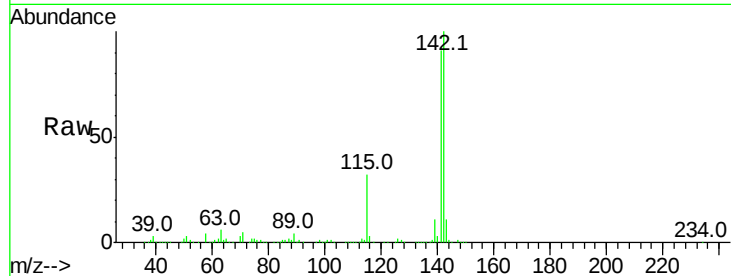
#37
2-Methylnaphthalene
Concen: 52.337 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	951440		
141	90.6	70.8	106.2	
115	32.3	26.1	39.1	

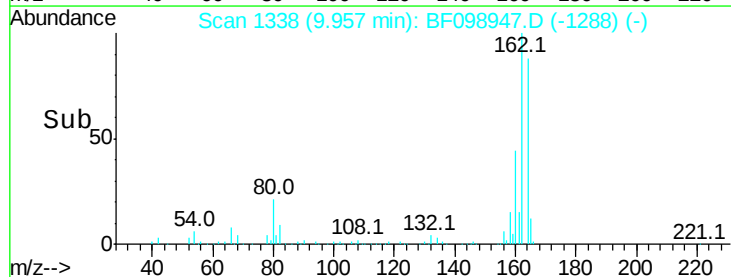
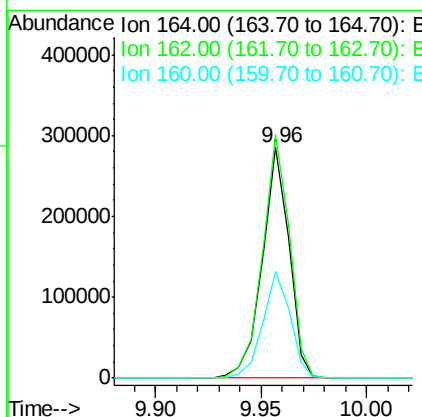
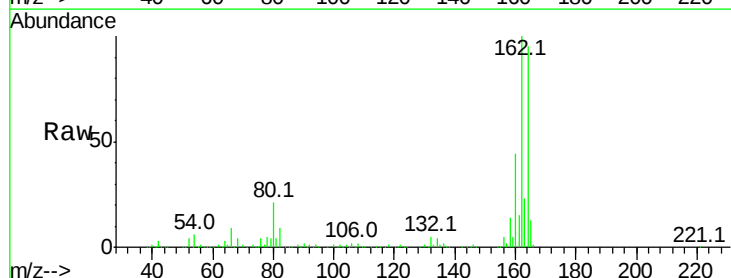
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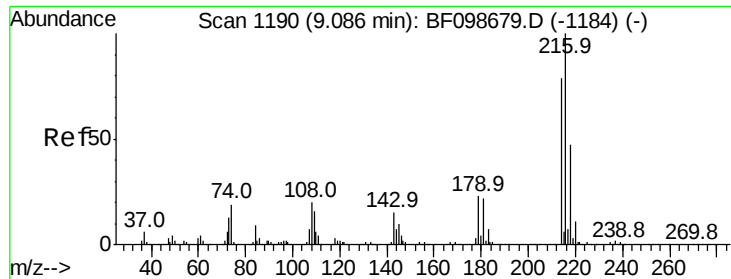
Sohil
10/2/2017 5:38:49 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	252478		
162	105.5	86.1	129.1	
160	46.0	38.3	57.5	





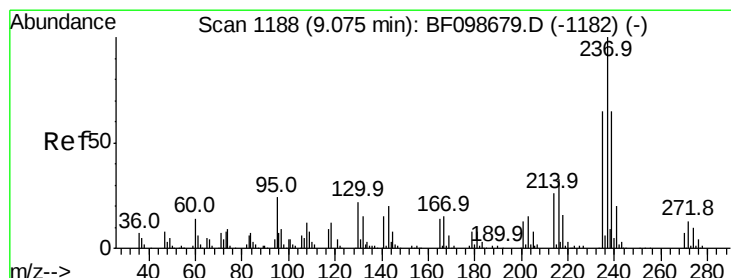
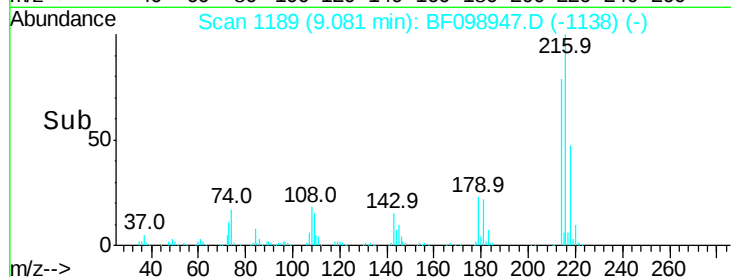
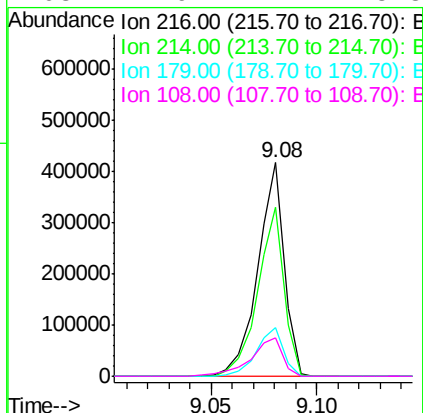
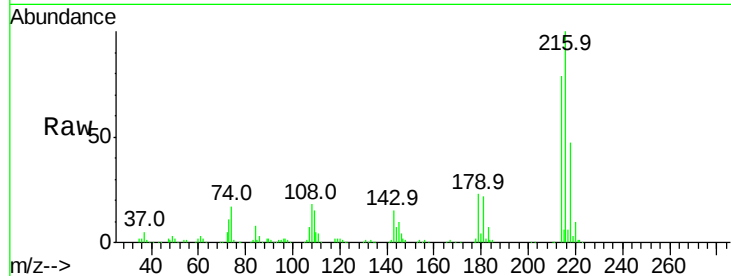
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.315 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.0	94.4	
179	23.2	18.1	27.1	
108	21.9	17.2	25.8	

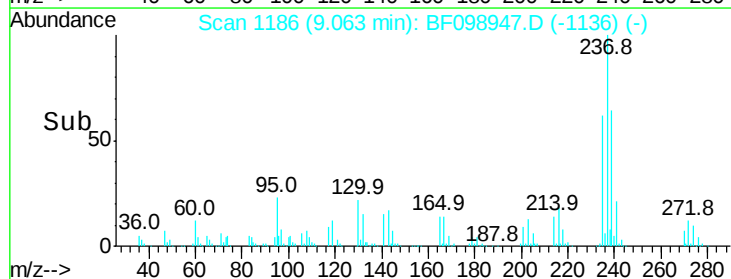
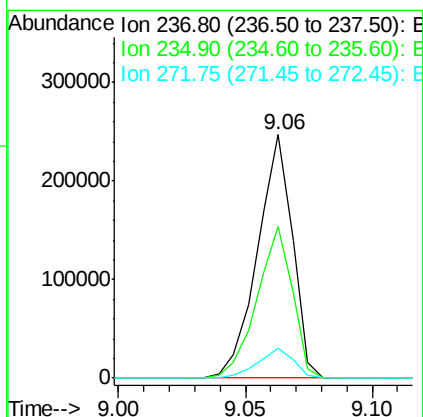
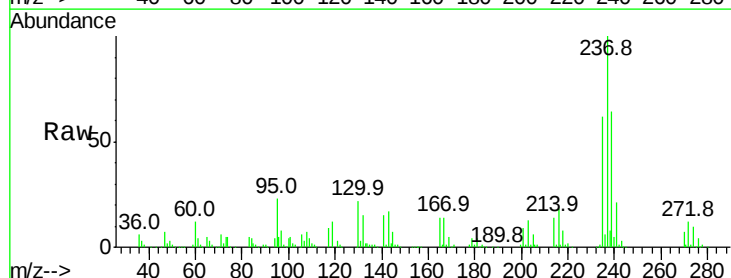
Manual Integrations
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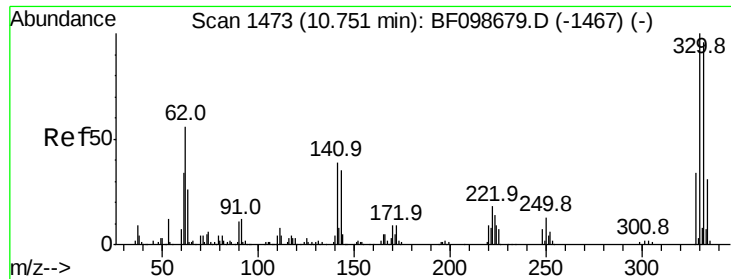
Sohil
 10/2/2017 5:38:49 PM



#40
 Hexachlorocyclopentadiene
 Concen: 69.313 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.2	44.8	84.8	
272	12.3	0.0	33.3	





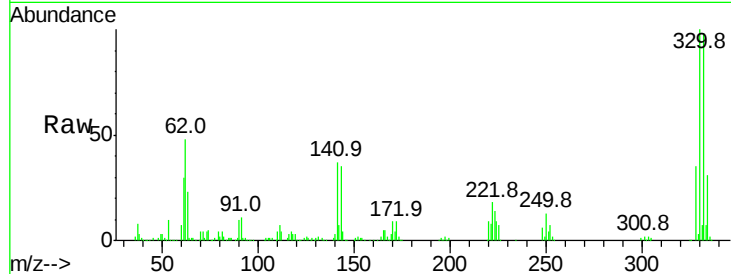
#41
 2,4,6-Tribromophenol
 Concen: 127.586 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. 0.00 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1MSD

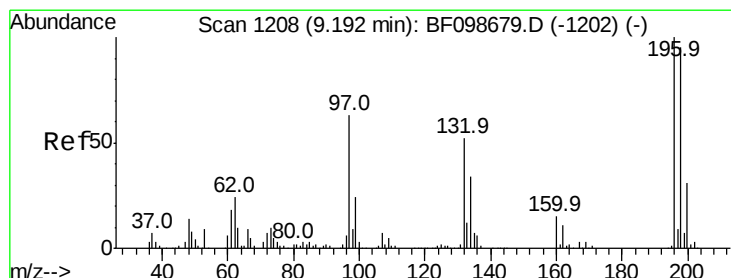
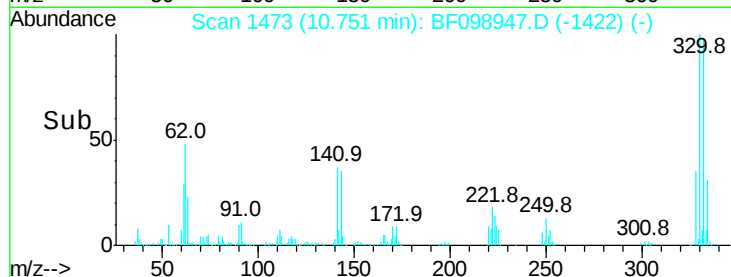
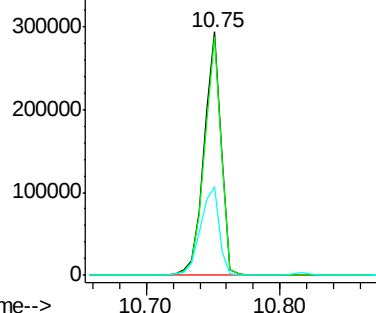
Tot Ion	Ratio	Resp	Lower	Upper
330	100	263587		
332	96.3	77.0	115.6	
141	40.6	29.9	44.9	

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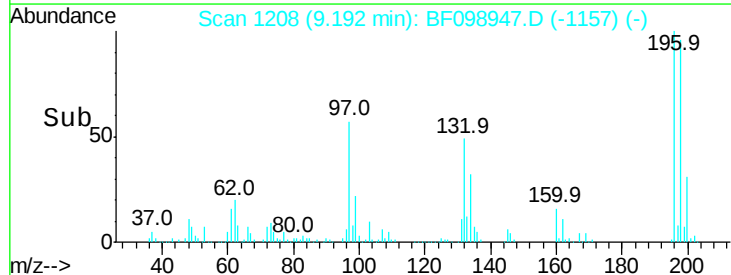
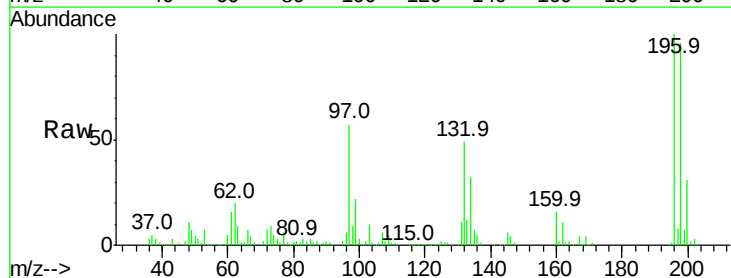
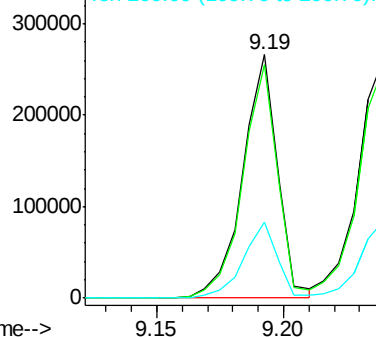
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

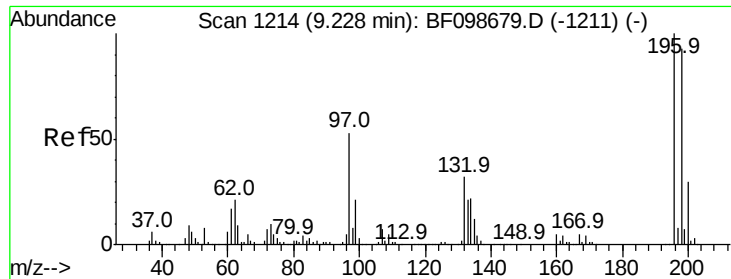


#42
 2,4,6-Trichlorophenol
 Concen: 47.452 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253119		
198	95.7	75.7	113.5	
200	31.0	24.5	36.7	

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





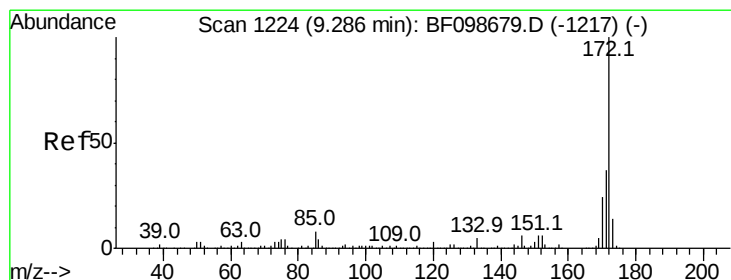
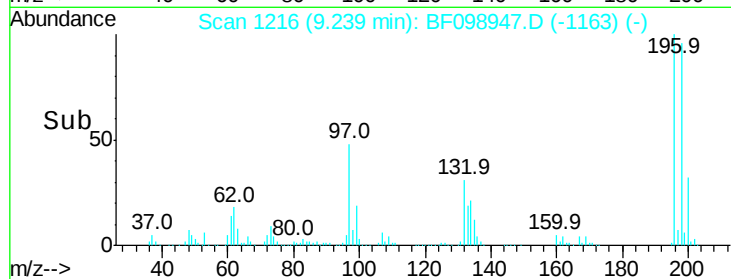
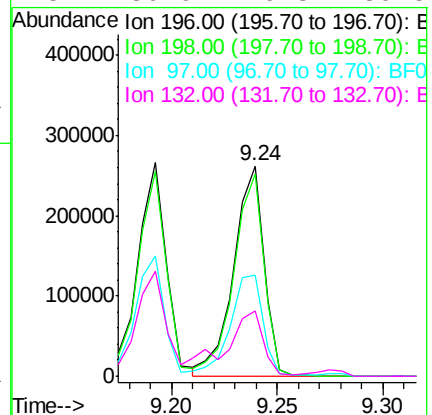
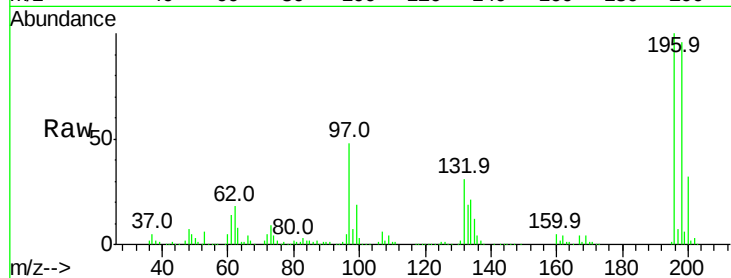
#43
 2,4,5-Trichlorophenol
 Concen: 48.720 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1MSD

Tot Ion:	196	Resp:	259431
Ion Ratio	Lower	Upper	
196	100		
198	96.2	74.6	112.0
97	48.3	42.9	64.3
132	30.9	26.3	39.5

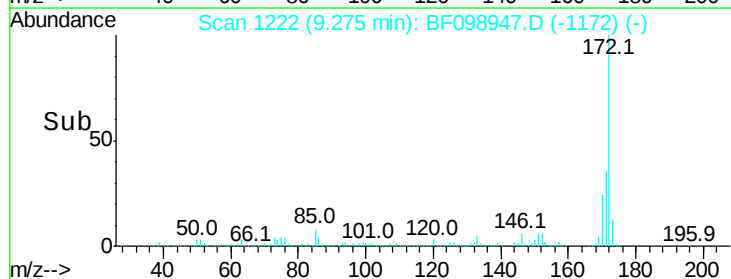
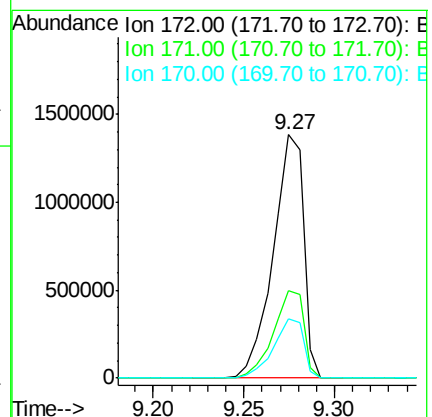
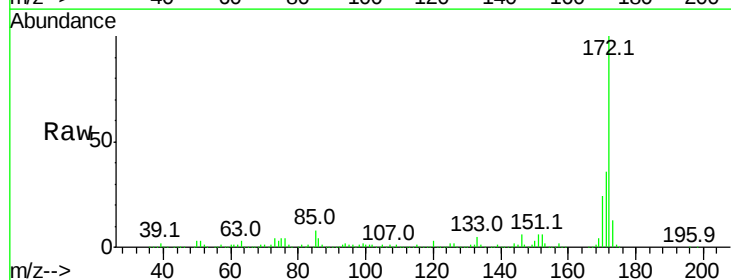
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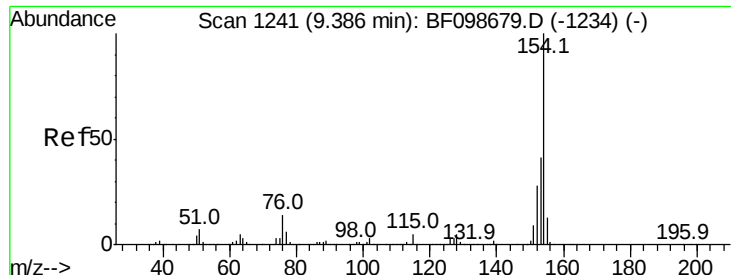
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#44
 2-Fluorobiphenyl
 Concen: 106.319 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Tgt Ion:	172	Resp:	1607934
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	24.4	19.6	29.4





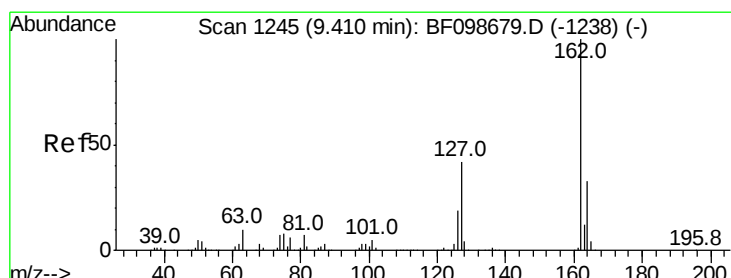
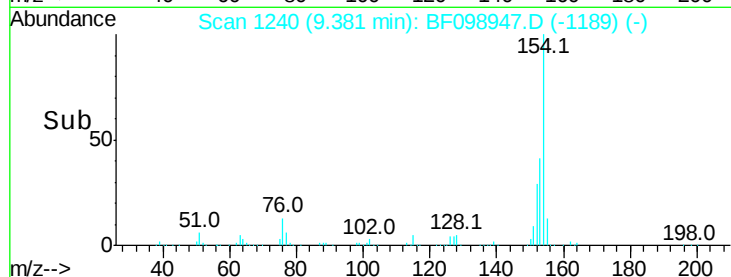
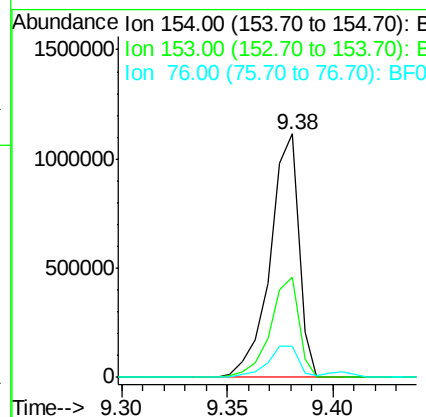
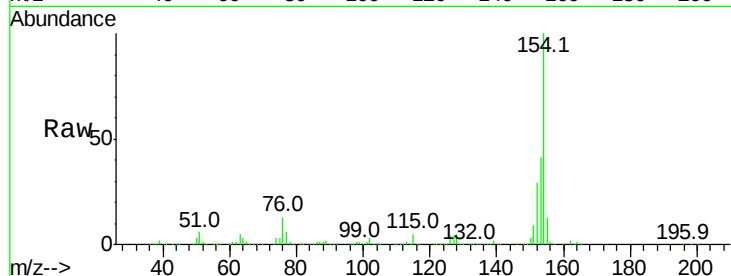
#45
 1,1'-Biphenyl
 Concen: 48.814 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1MSD

Tot Ion	154	Resp	1059222
Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.3	61.3
76	12.8	0.0	34.0

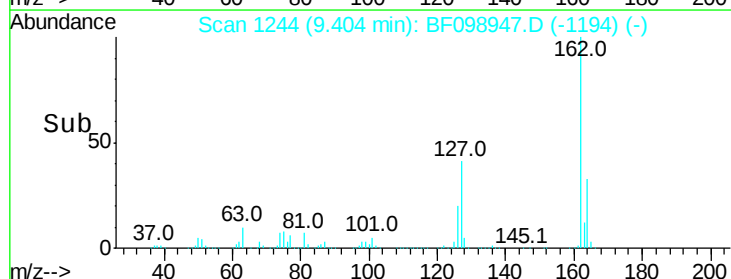
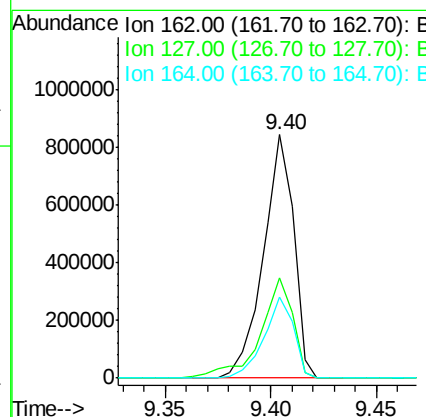
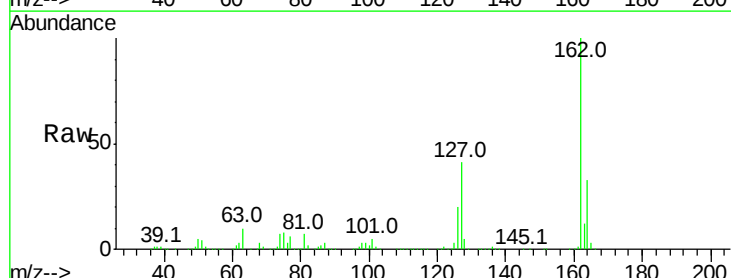
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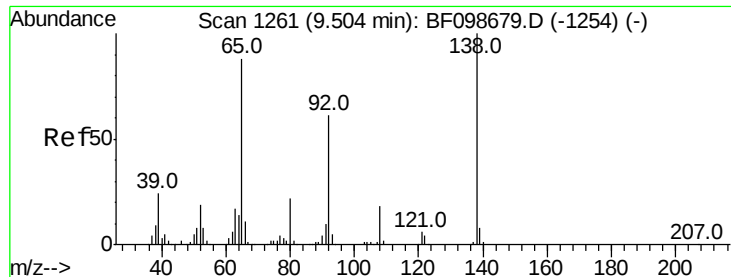
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#46
 2-Chloronaphthalene
 Concen: 51.750 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Tgt Ion	162	Resp	843113
Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.9	50.9
164	33.1	26.5	39.7





#47

2-Nitroaniline

Concen: 54.026 ng

RT: 9.50 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

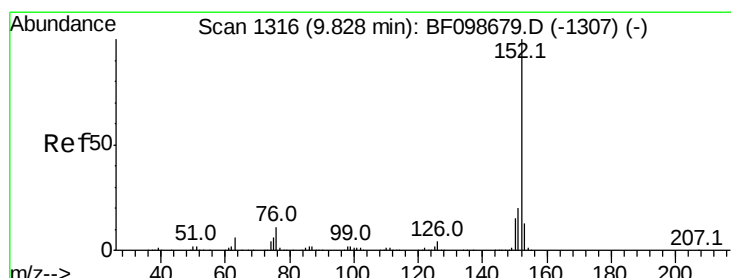
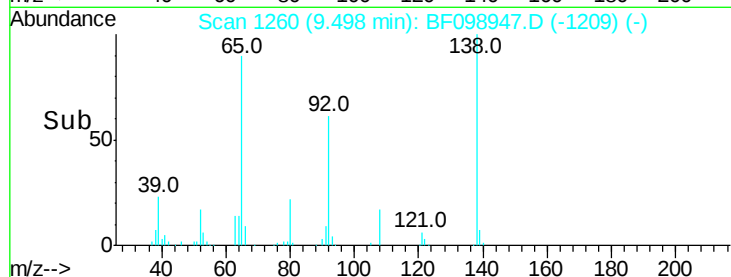
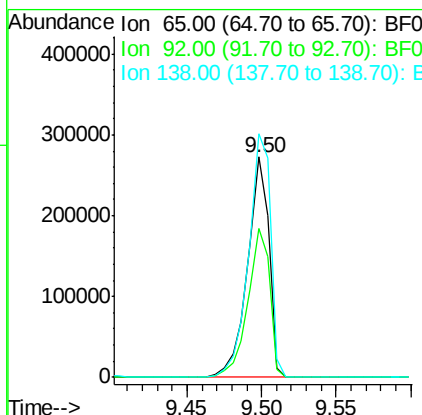
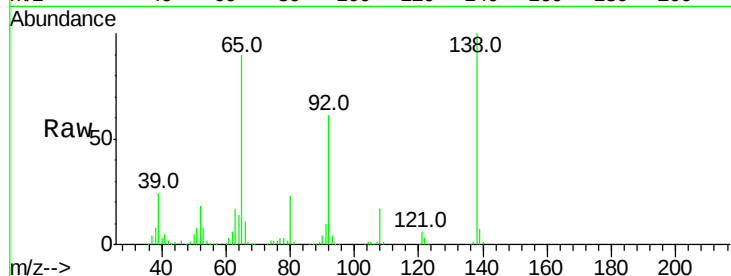
ClientSampleId :

20170660-A-C-1MSD

Tot Ion:	65	Resp:	269516
Ion Ratio	Lower	Upper	
65	100		
92	67.4	55.8	83.6
138	110.5	91.2	136.8

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#48

Acenaphthylene

Concen: 50.355 ng

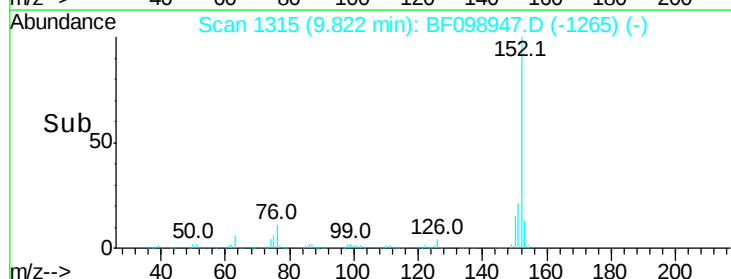
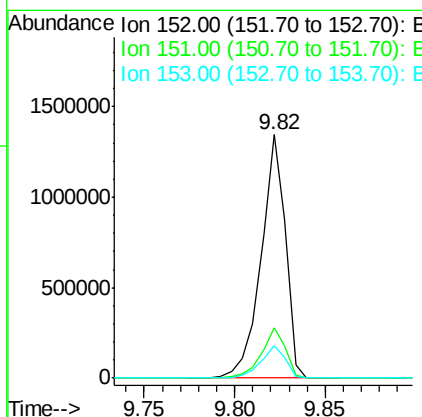
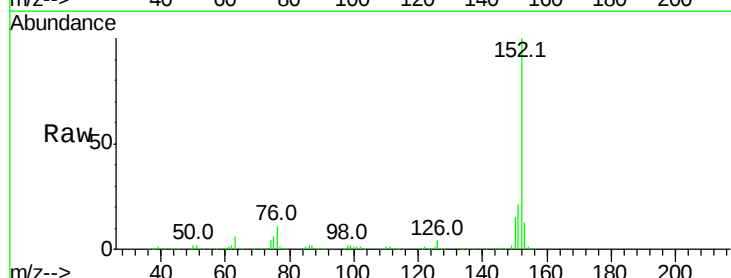
RT: 9.82 min Scan# 1315

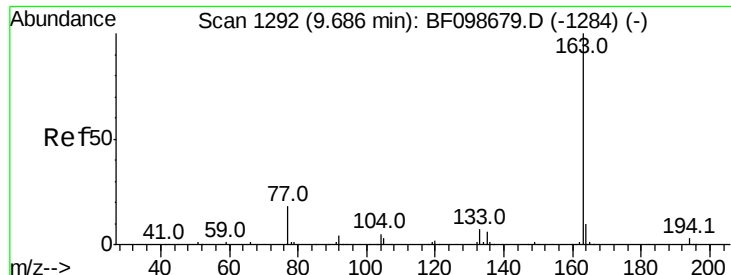
Delta R.T. -0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Tgt Ion:	152	Resp:	1255882
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	13.4	10.7	16.1





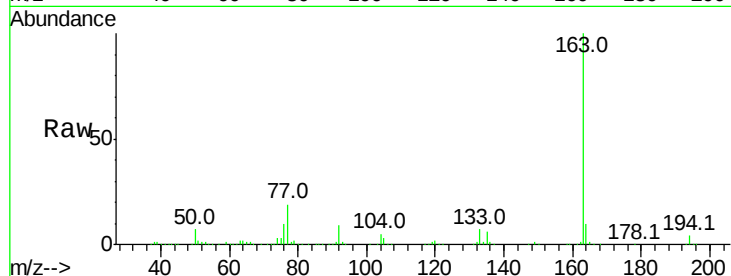
#49
Dimethylphthalate
Concen: 57.964 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

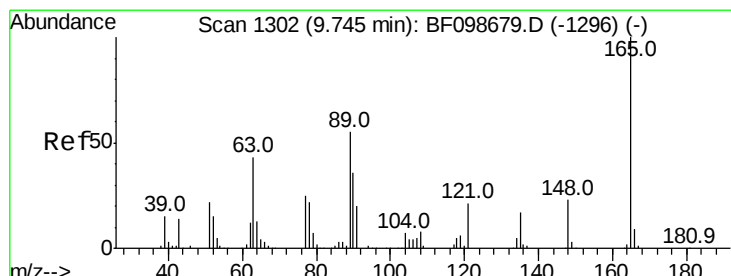
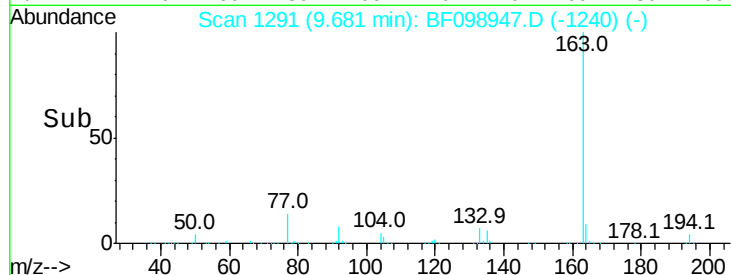
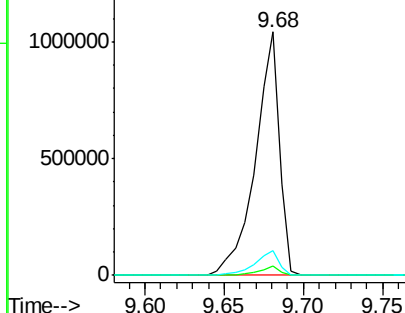
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.0	8.2	12.2

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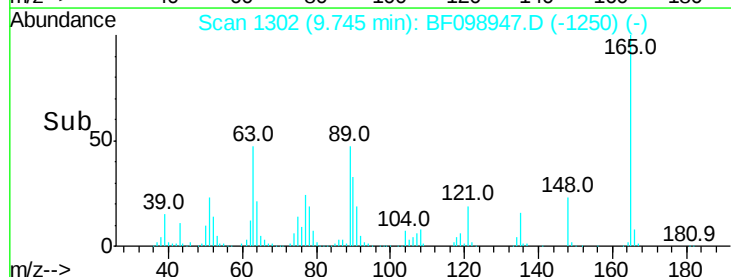
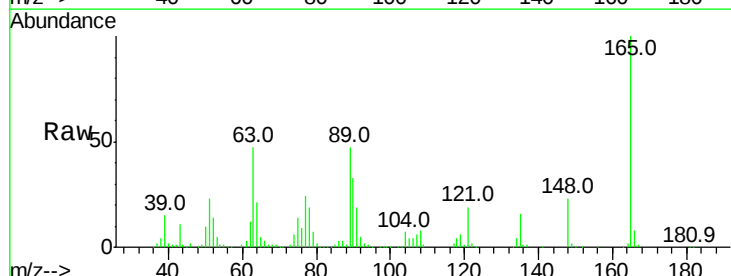
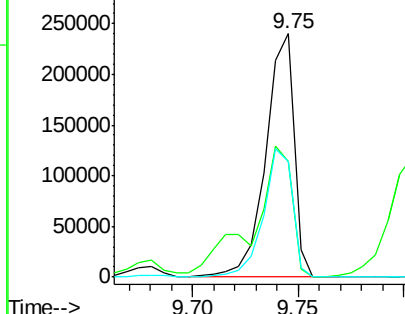
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

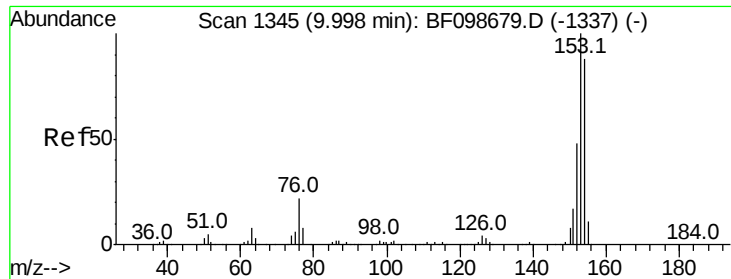


#50
2,6-Dinitrotoluene
Concen: 54.045 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.3	44.7	67.1
89	47.4	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: 47.943 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

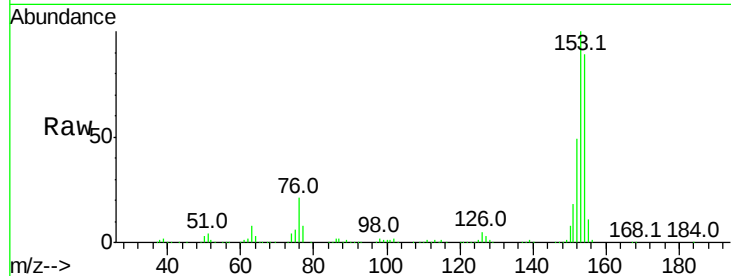
ClientSampleId :

20170660-A-C-1MSD

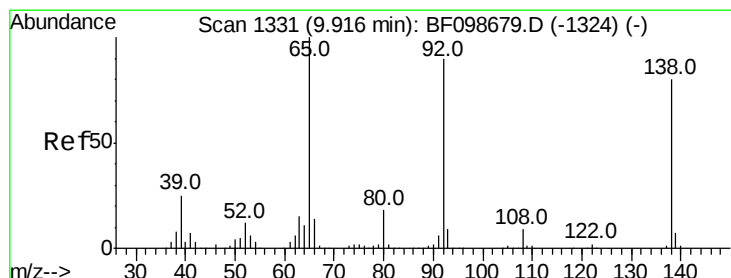
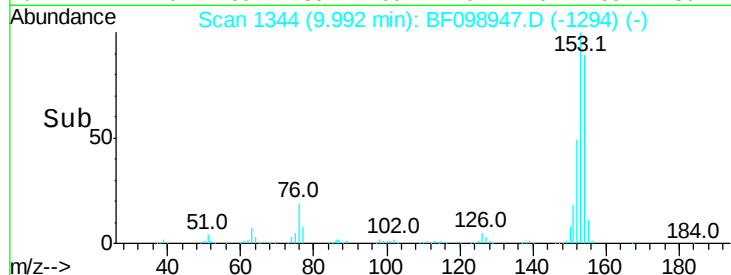
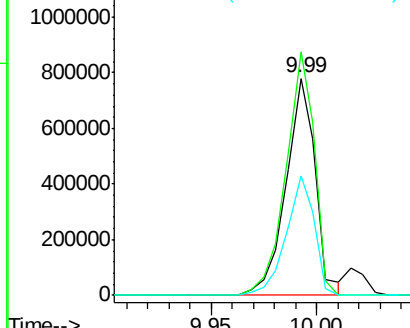
Tot Ion:	154	Resp:	757433
Ion Ratio	Lower	Upper	
154	100		
153	112.1	91.2	136.8
152	54.8	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.848 ng

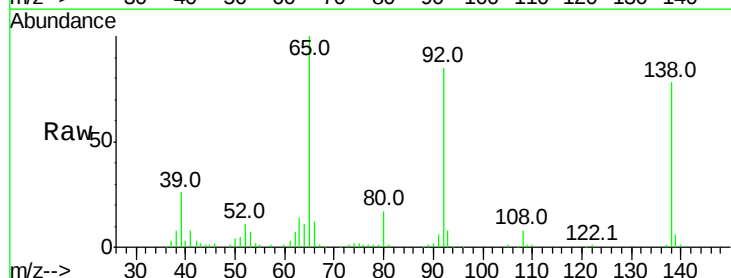
RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

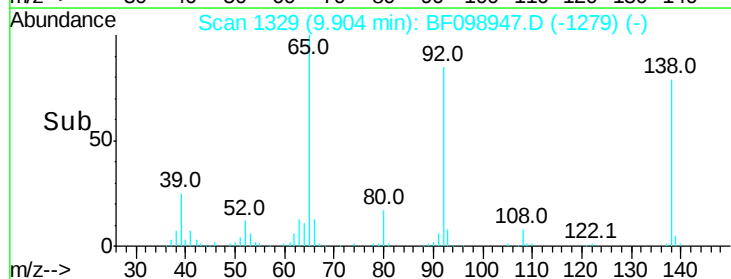
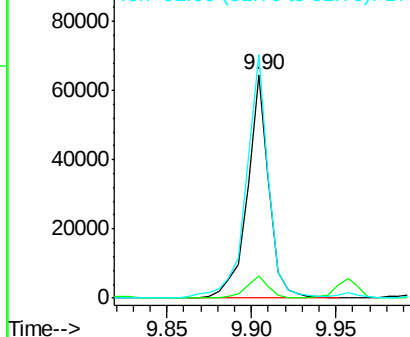
Lab File: BF098947.D

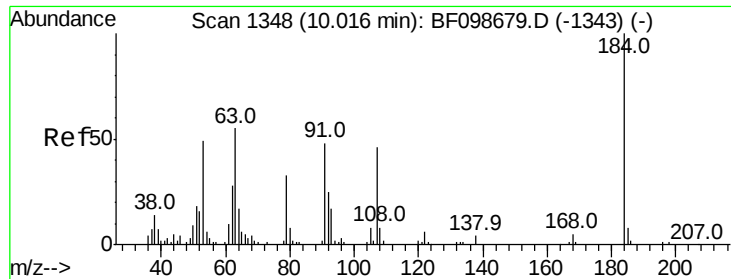
Acq: 29 Sep 2017 14:51

Tgt Ion:	138	Resp:	57309
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.0
92	109.0	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





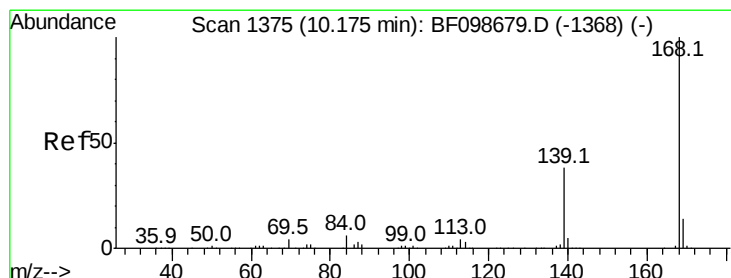
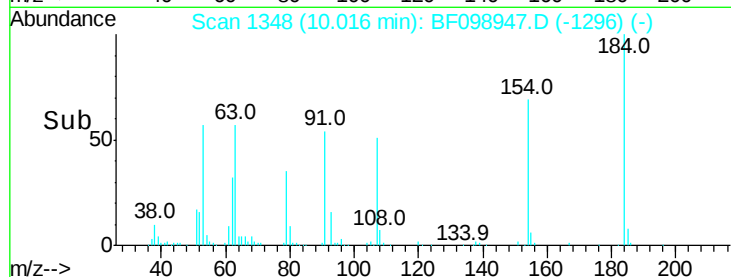
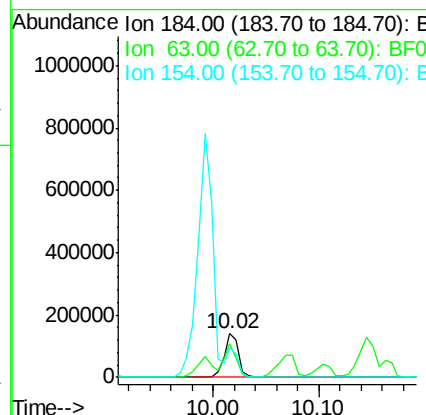
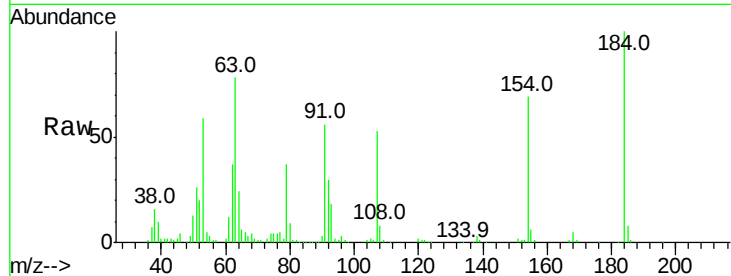
#53
2,4-Dinitrophenol
Concen: 64.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	135516		
63	77.6	54.2	81.2	
154	69.4	53.5	80.3	

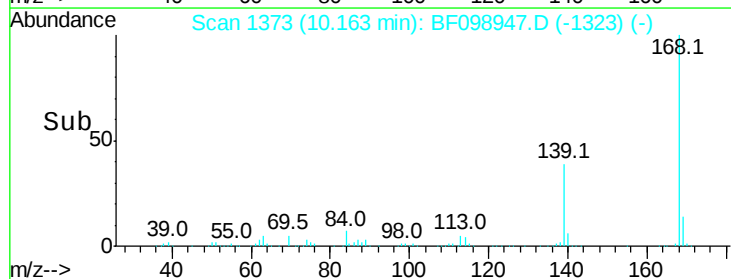
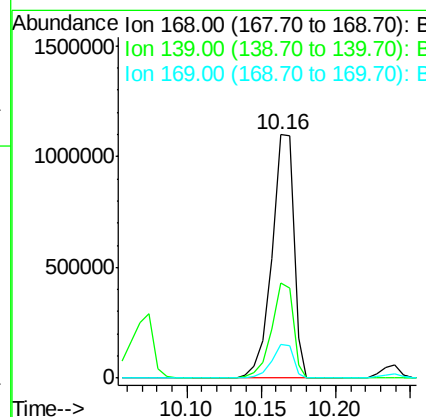
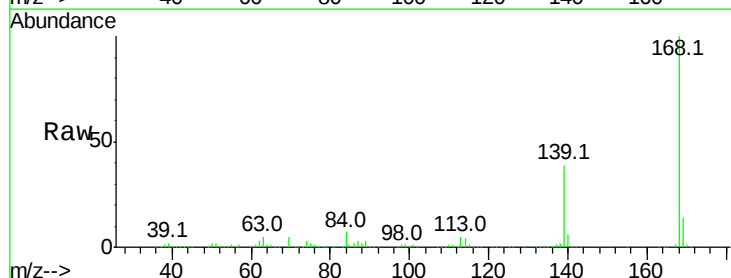
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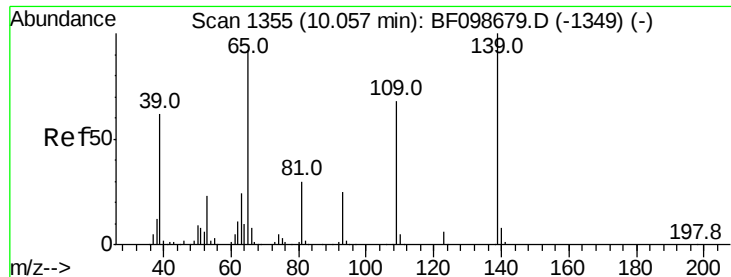
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#54
Dibenzofuran
Concen: 53.147 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1117953		
139	39.2	30.1	45.1	
169	13.8	10.9	16.3	





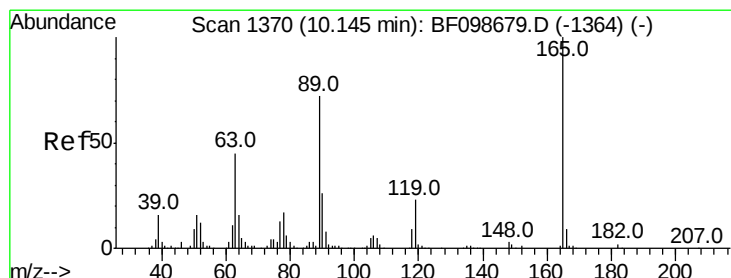
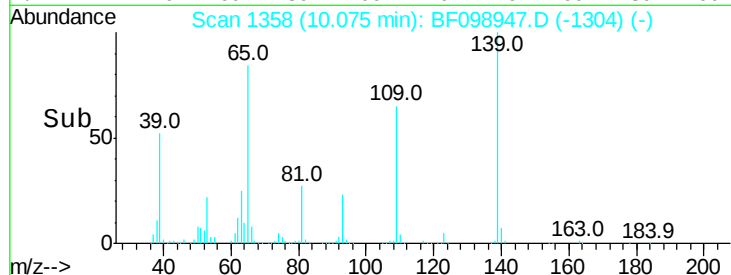
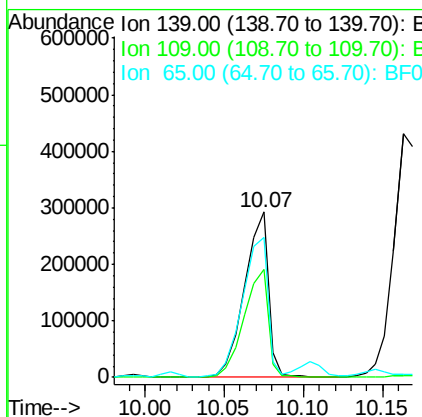
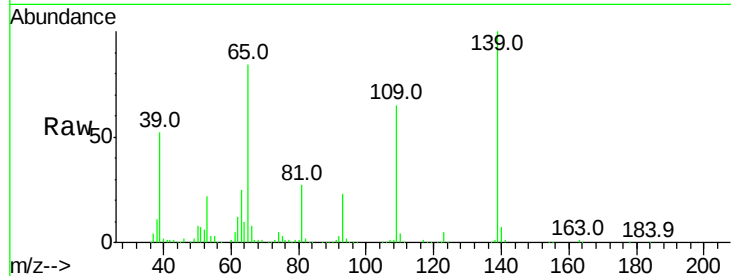
#55
4-Nitrophenol
Concen: 75.010 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.0	48.4	88.4	
65	84.4	72.6	112.6	

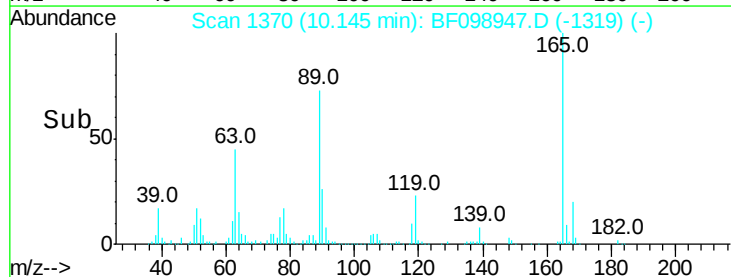
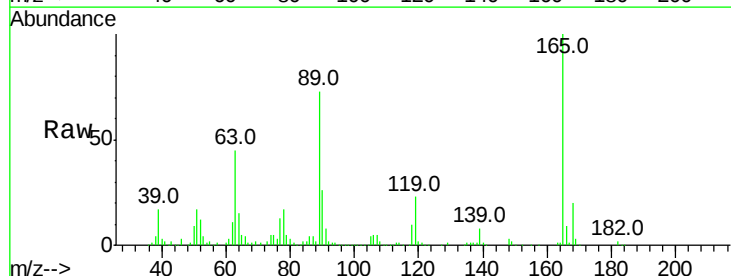
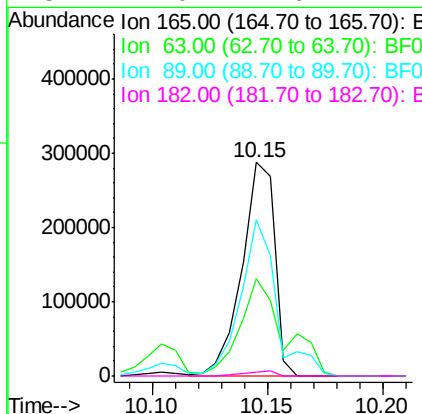
Manual Integrations
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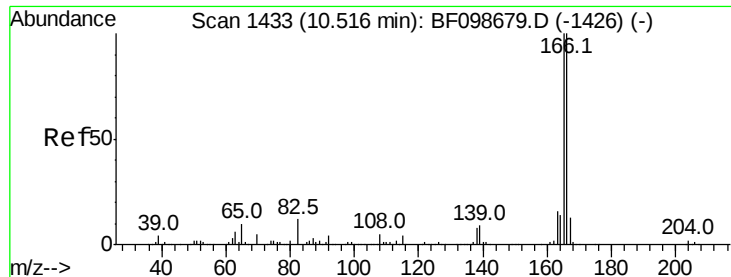
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#56
2,4-Dinitrotoluene
Concen: 53.191 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.4	36.4	54.6	
89	73.0	57.8	86.6	
182	2.0	1.6	2.4	





#57

Fluorene

Concen: 49.598 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

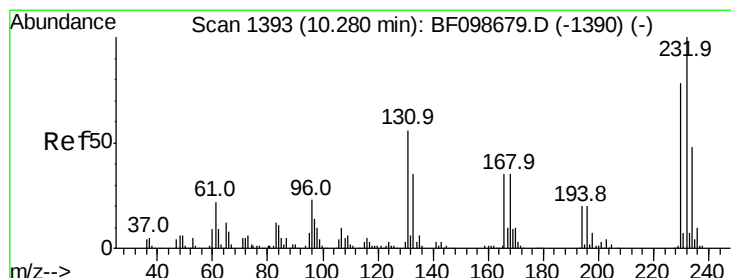
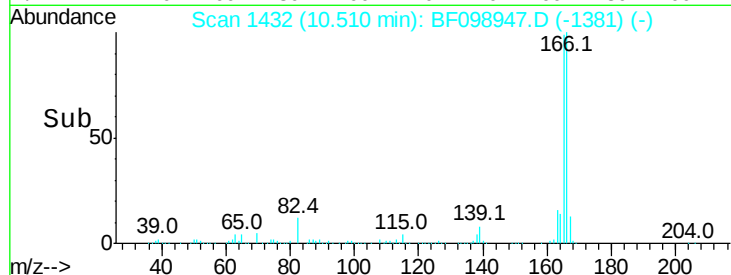
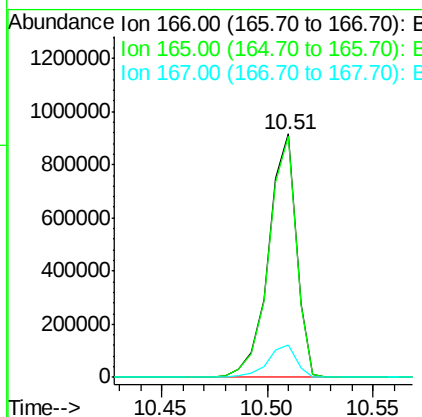
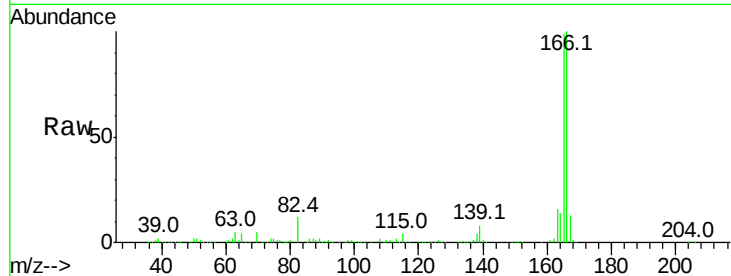
ClientSampleId :

20170660-A-C-1MSD

Tot Ion:	166	Resp:	838565
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.8	119.8
167	13.2	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.868 ng

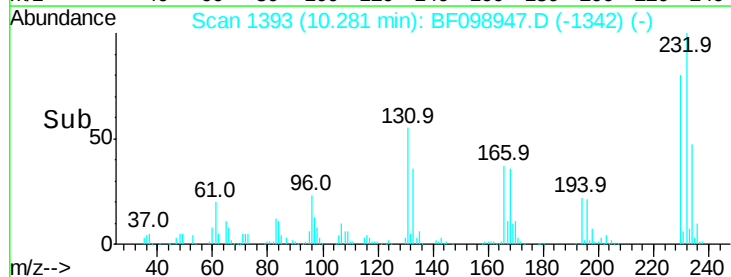
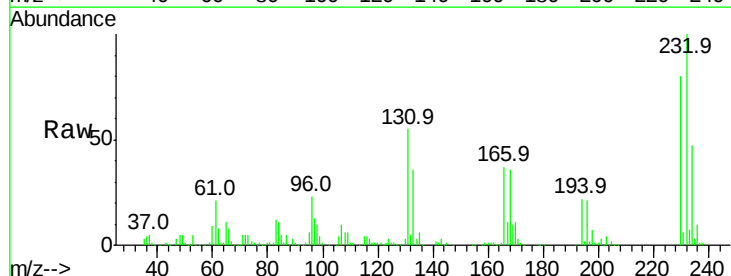
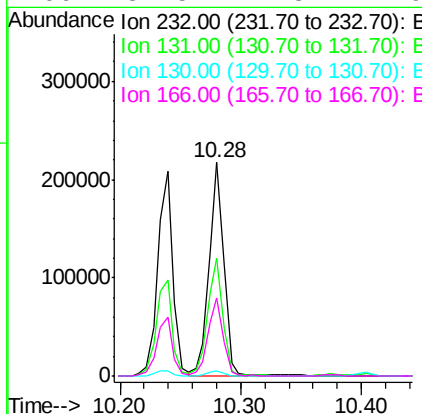
RT: 10.28 min Scan# 1393

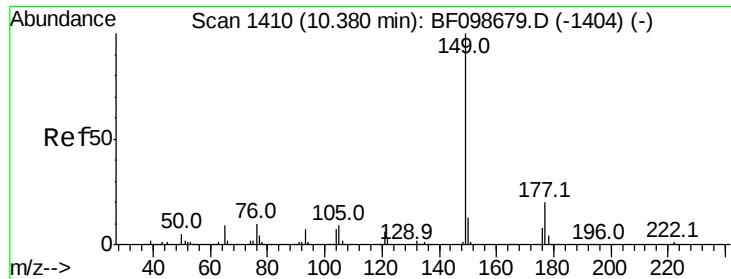
Delta R.T. 0.00 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Tgt Ion:	232	Resp:	183432
Ion Ratio	Lower	Upper	
232	100		
131	56.2	43.8	65.8
130	2.9	2.1	3.1
166	37.5	27.8	41.6





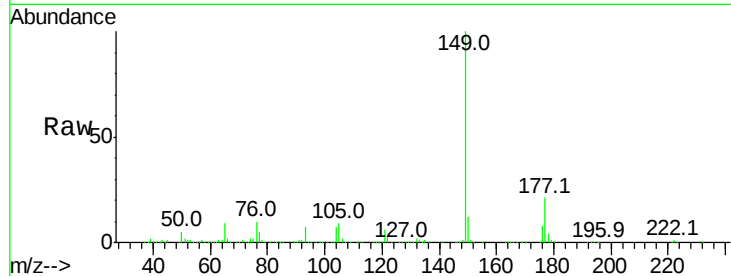
#59
Diethylphthalate
Concen: 52.096 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

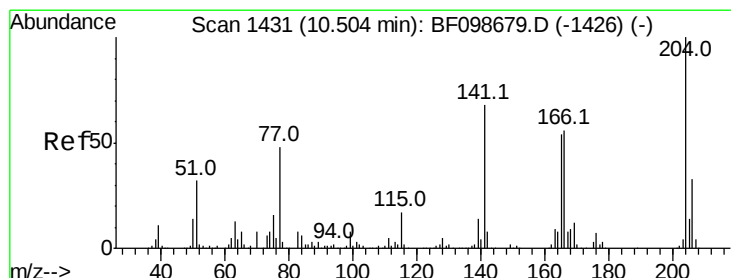
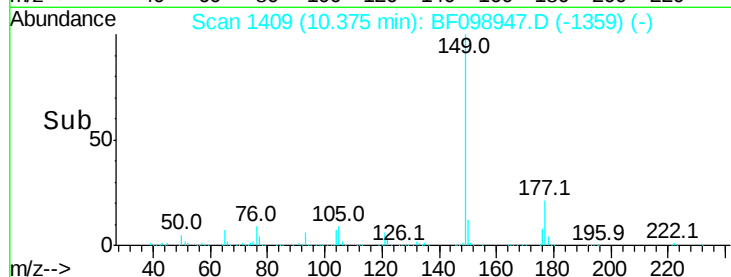
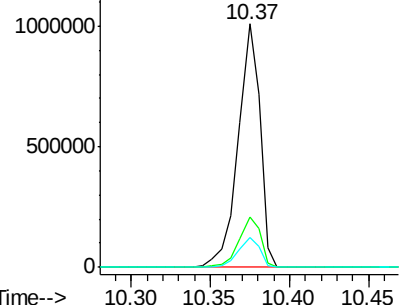
Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	20.8	16.1	24.1	
150	12.5	10.1	15.1	

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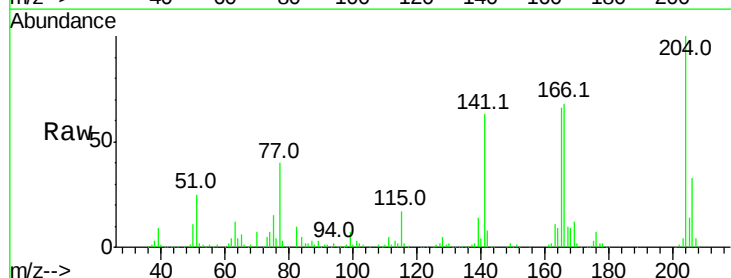


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

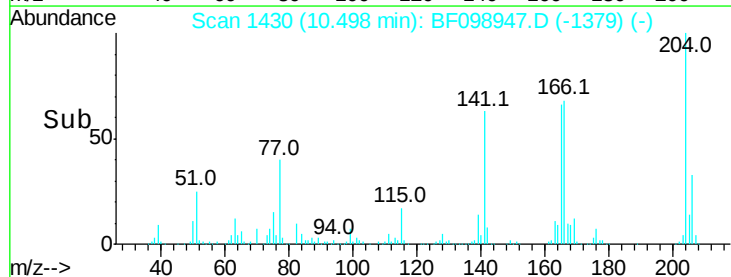
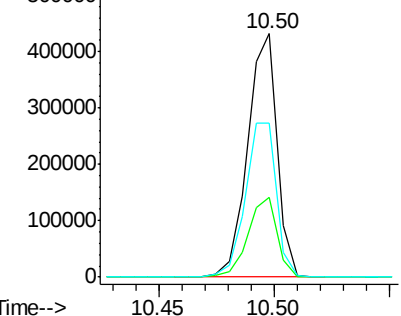


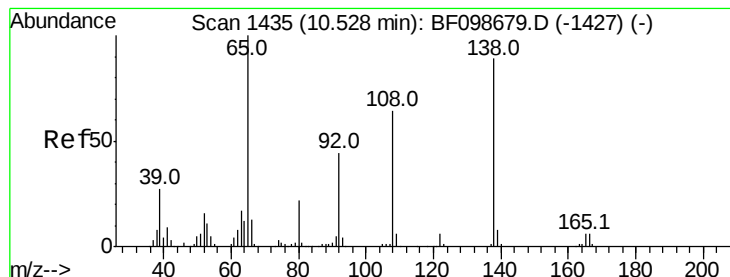
#60
4-Chlorophenyl-phenylether
Concen: 50.438 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.8	26.5	39.7	
141	63.4	54.6	81.8	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.865 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

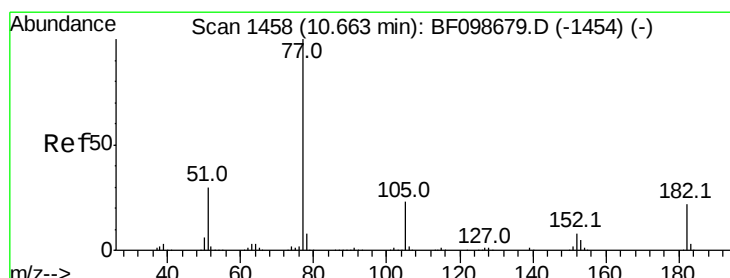
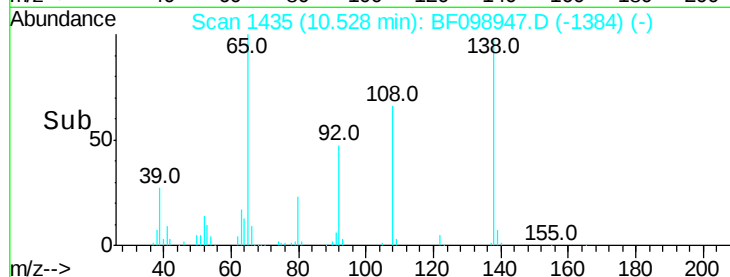
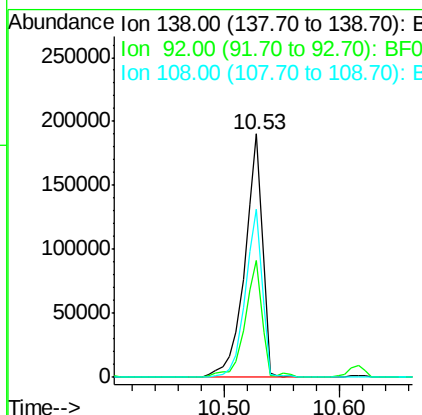
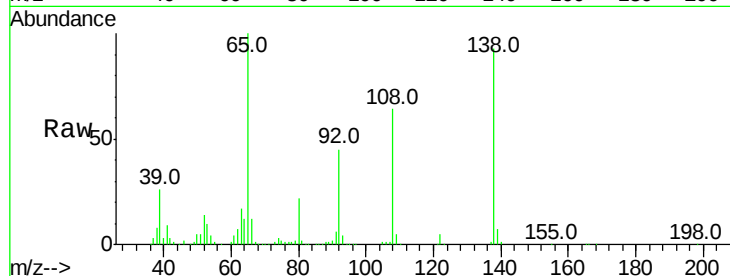
ClientSampleId :

20170660-A-C-1MSD

Tot Ion:	138	Resp:	200043
Ion Ratio	Lower	Upper	
138	100		
92	48.2	30.2	70.2
108	68.9	52.5	92.5

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#62

Azobenzene

Concen: 52.987 ng

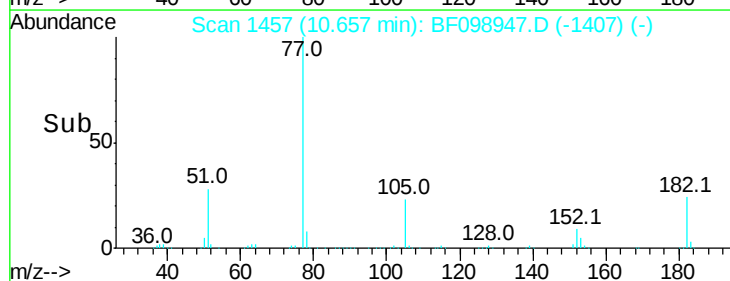
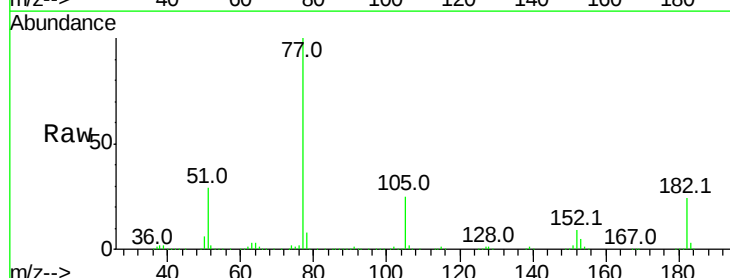
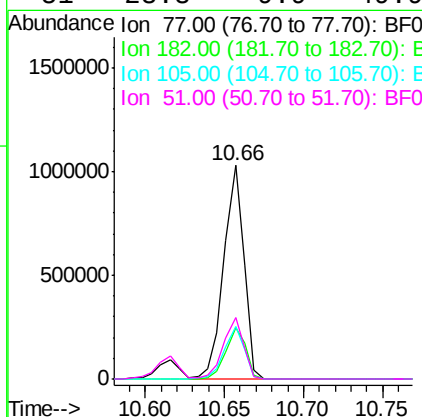
RT: 10.66 min Scan# 1457

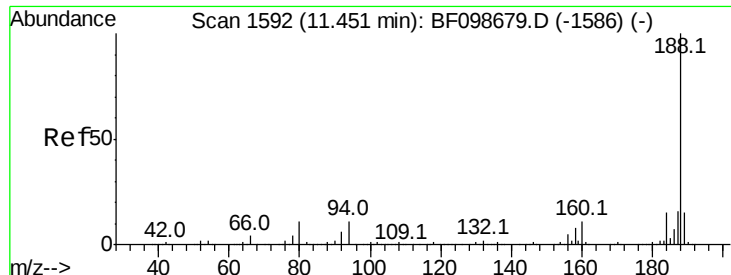
Delta R.T. -0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Tgt Ion:	77	Resp:	907172
Ion Ratio	Lower	Upper	
77	100		
182	23.9	1.7	41.7
105	24.5	3.0	43.0
51	28.8	9.9	49.9





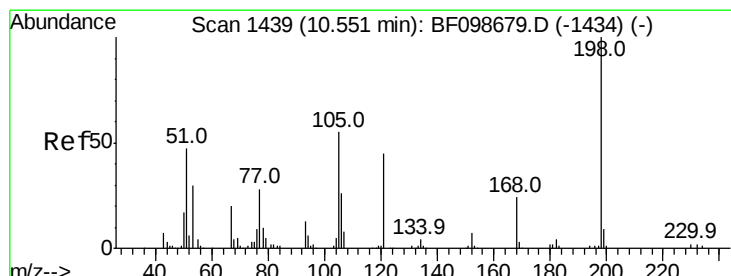
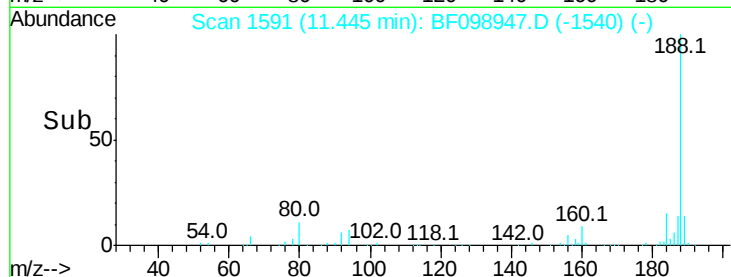
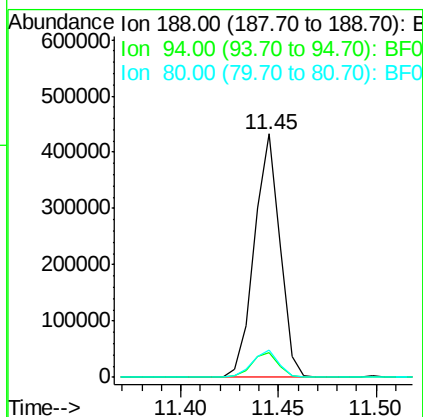
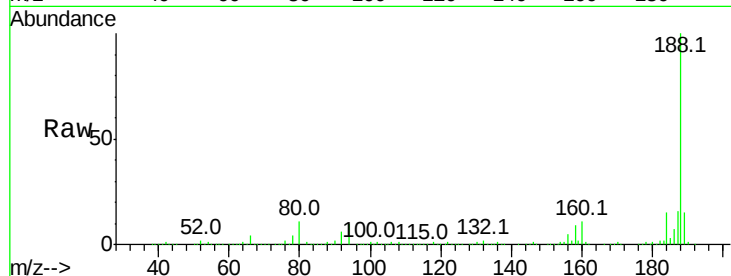
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.4	9.2	13.8

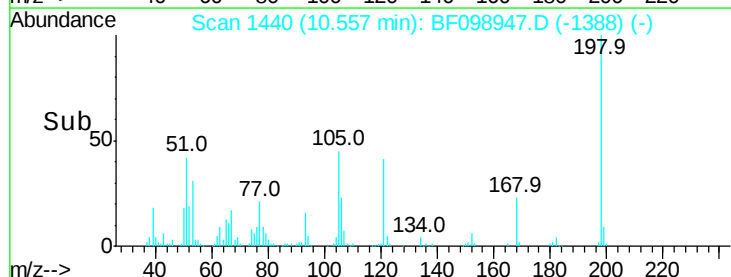
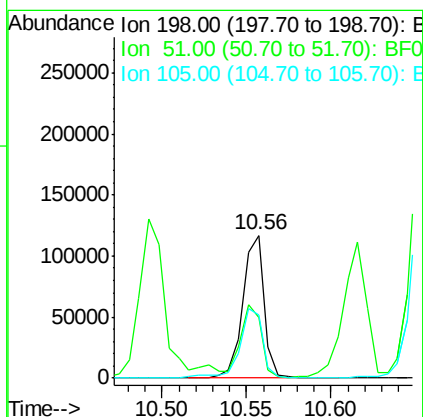
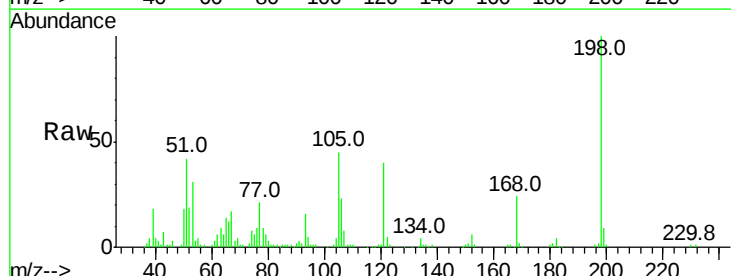
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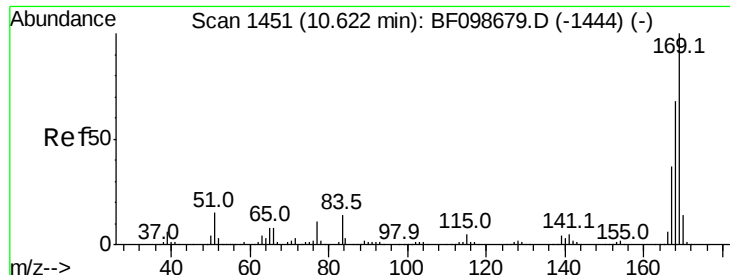
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.099 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	42.3	37.7	77.7
105	44.5	36.3	76.3





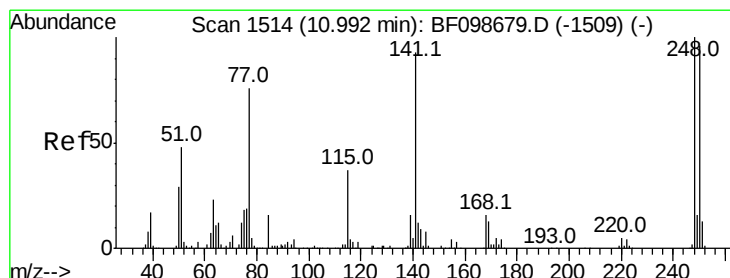
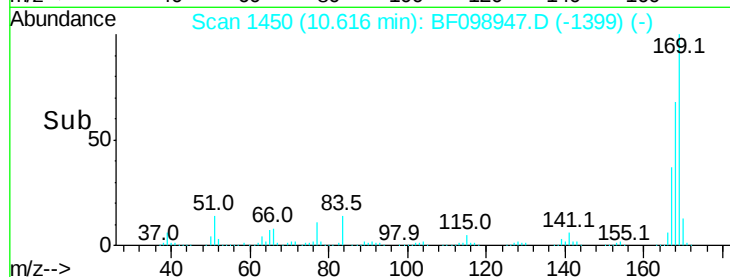
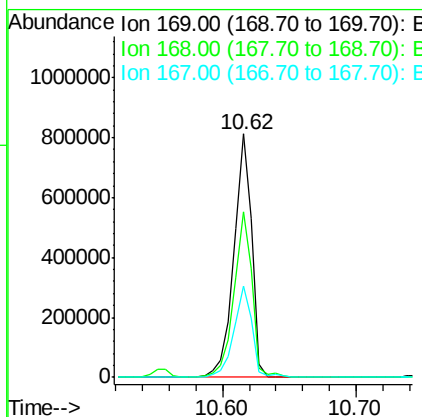
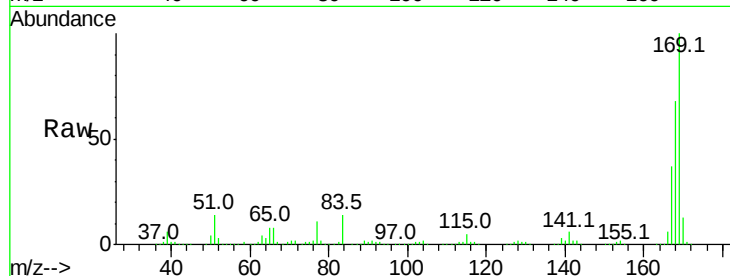
#65
 n-Nitrosodiphenylamine
 Concen: 56.227 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	763579		
168	67.8		54.4	81.6
167	37.4		29.8	44.6

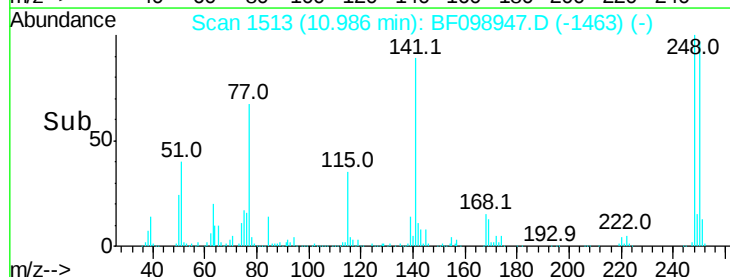
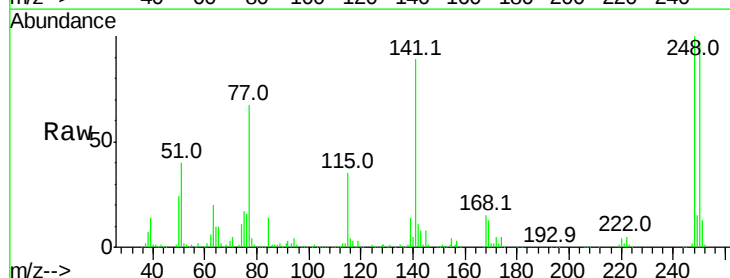
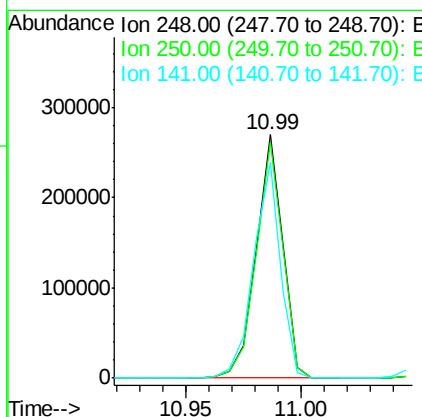
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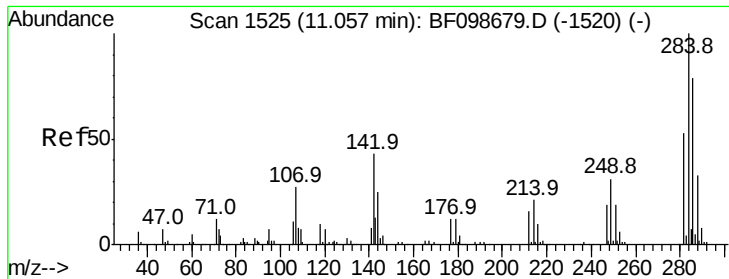
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#66
 4-Bromophenyl-phenylether
 Concen: 56.763 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	217802		
250	96.9		76.9	115.3
141	88.7		74.4	111.6





#67

Hexachlorobenzene

Concen: 51.142 ng

RT: 11.06 min Scan# 1525

Delta R.T. 0.00 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

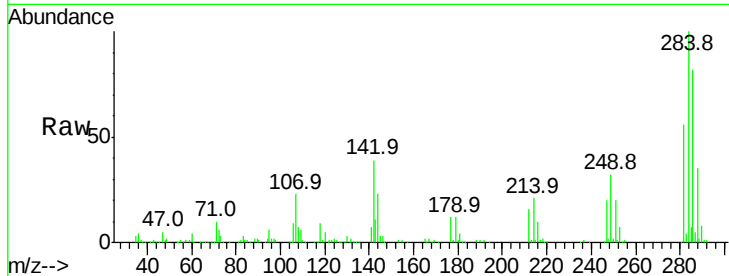
ClientSampleId :

20170660-A-C-1MSD

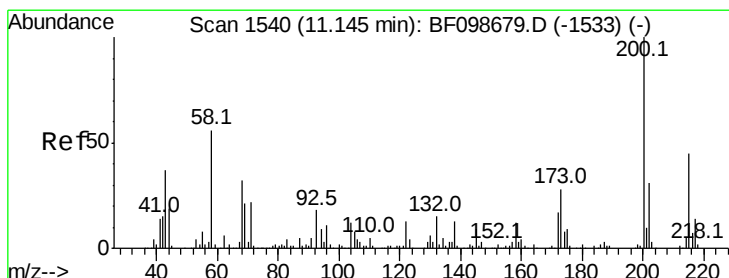
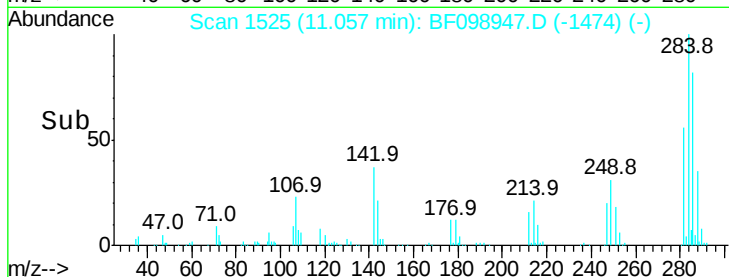
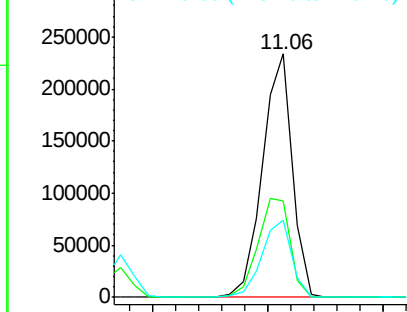
Tot Ion:	284	Resp:	209586
Ion Ratio		Lower	Upper
284	100		
142	39.4	34.6	52.0
249	31.9	24.8	37.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 56.294 ng

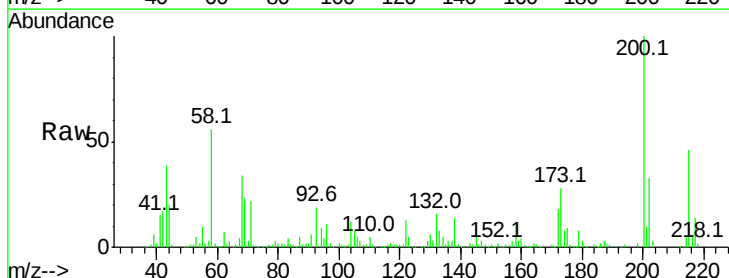
RT: 11.14 min Scan# 1539

Delta R.T. 0.00 min

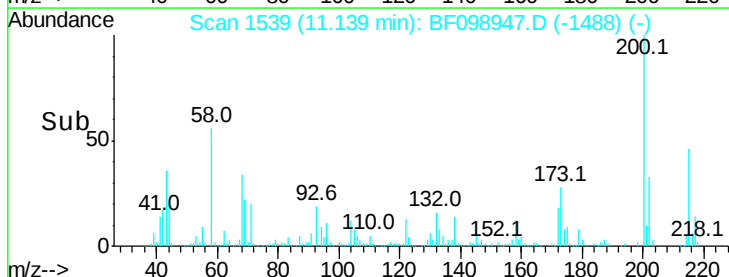
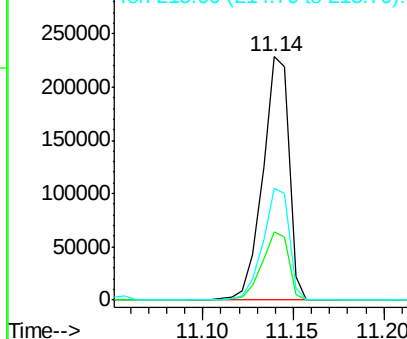
Lab File: BF098947.D

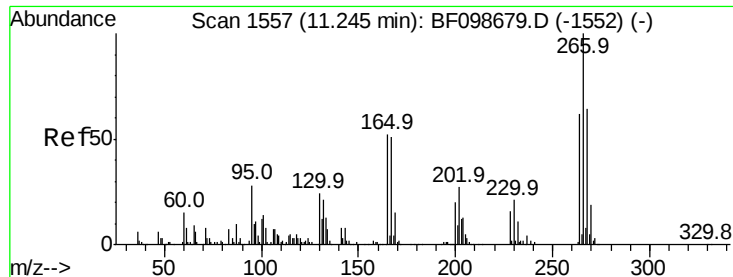
Acq: 29 Sep 2017 14:51

Tgt Ion:	200	Resp:	230007
Ion Ratio		Lower	Upper
200	100		
173	28.2	8.6	48.6
215	45.8	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





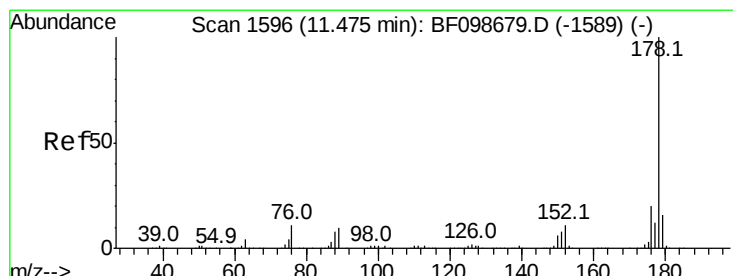
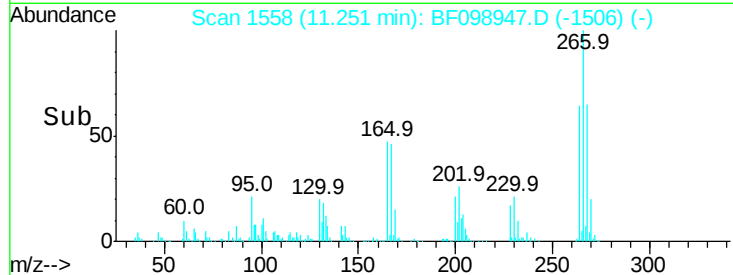
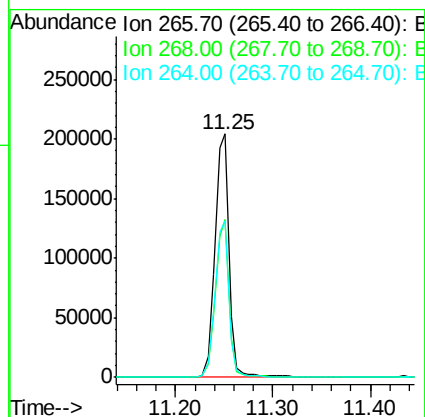
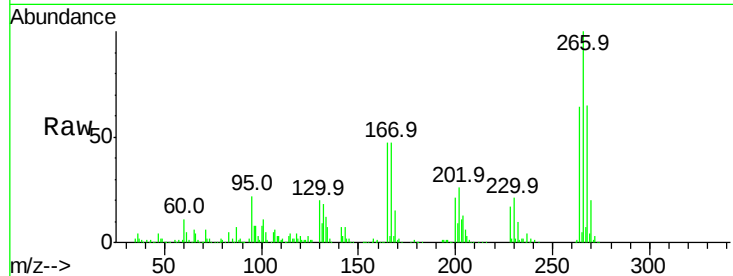
#69
 Pentachlorophenol
 Concen: 80.386 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	205026		
268	64.6	51.1	76.7	
264	64.4	49.5	74.3	

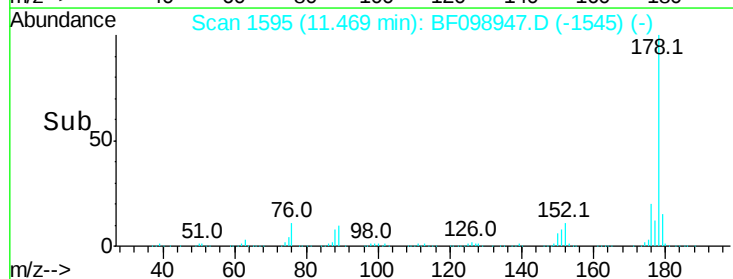
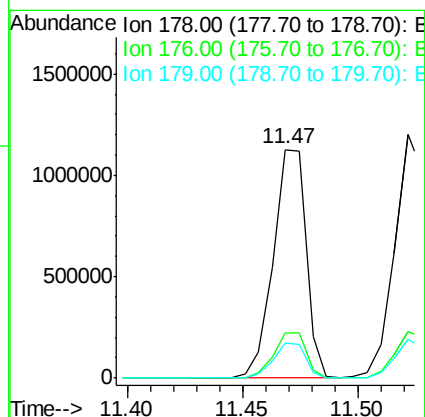
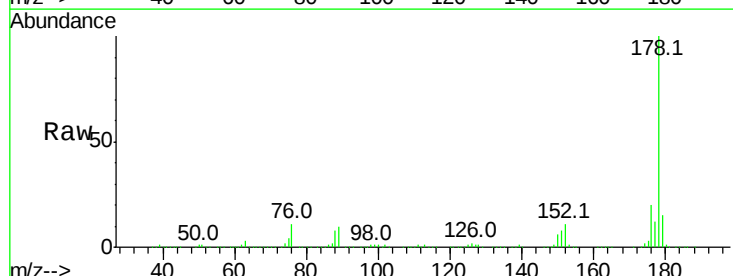
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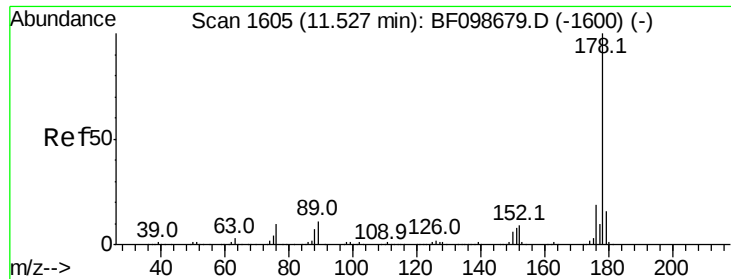
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#70
 Phenanthrene
 Concen: 53.114 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1114479		
176	19.8	15.8	23.8	
179	15.4	13.0	19.6	





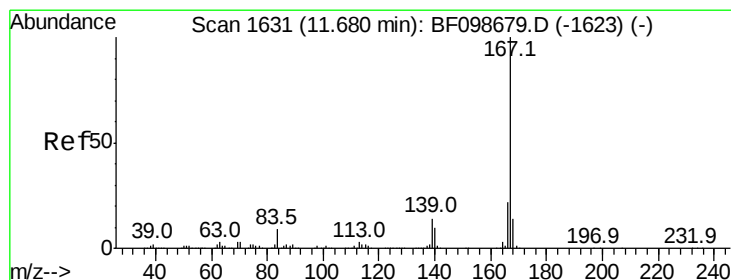
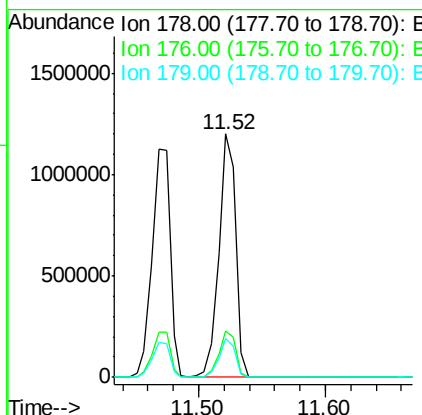
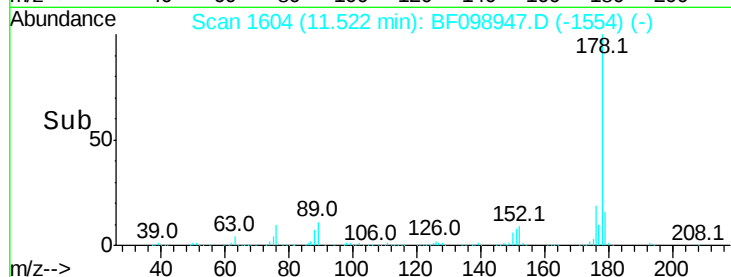
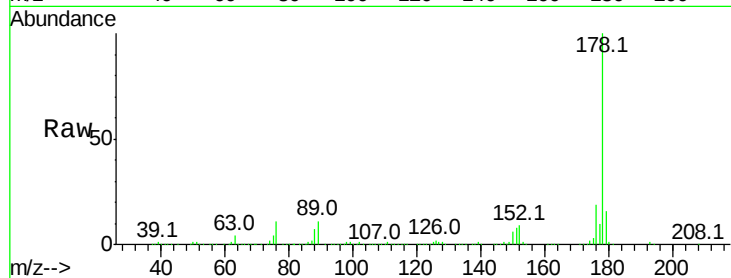
#71
 Anthracene
 Concen: 52.375 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1MSD

Tot Ion:178 Resp: 1124463
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 19.0

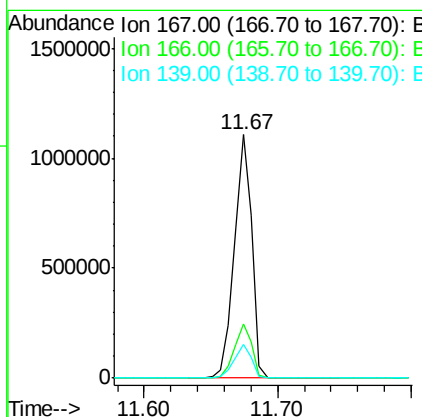
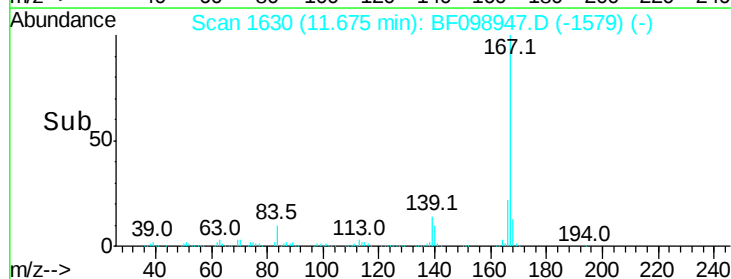
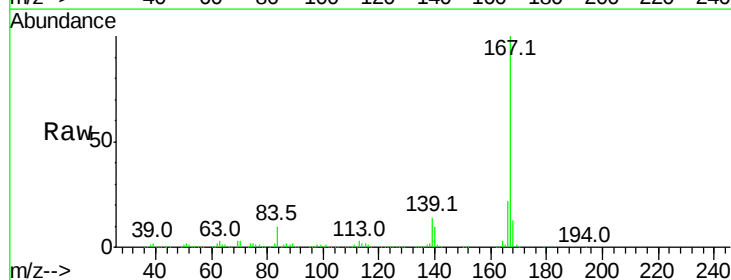
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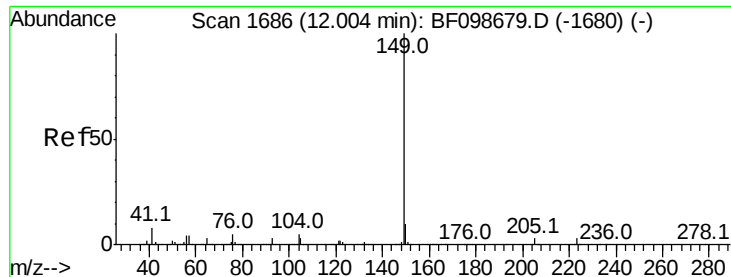
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#72
 Carbazole
 Concen: 48.427 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Tgt Ion:167 Resp: 1018151
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 54.574 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

ClientSampleId :

20170660-A-C-1MSD

Tot Ion:149 Resp: 1381069

Ion Ratio Lower Upper

149 100

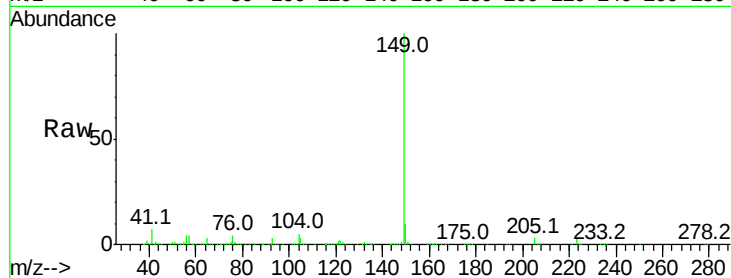
150 9.5 7.8 11.6

104 4.7 3.8 5.8

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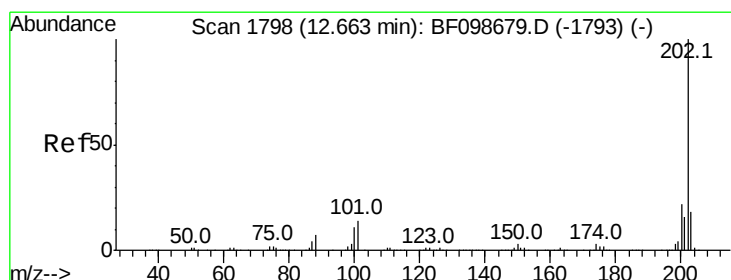
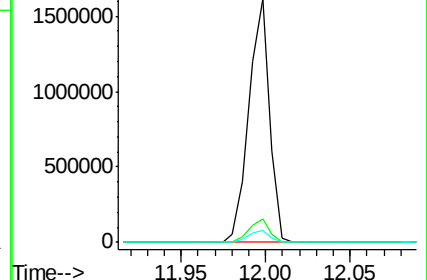
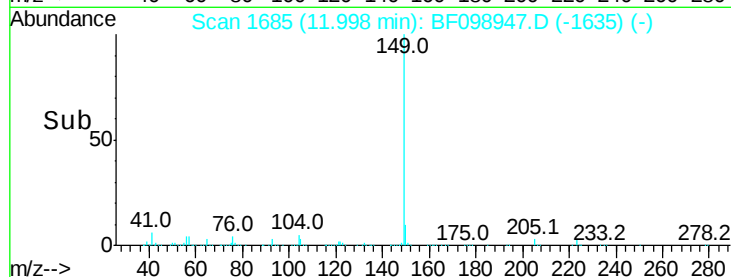
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.785 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

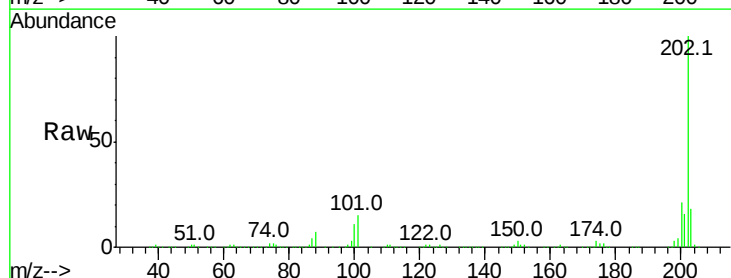
Tgt Ion:202 Resp: 930325

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.1

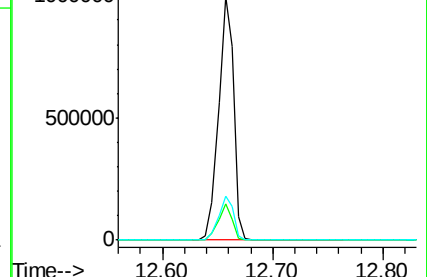
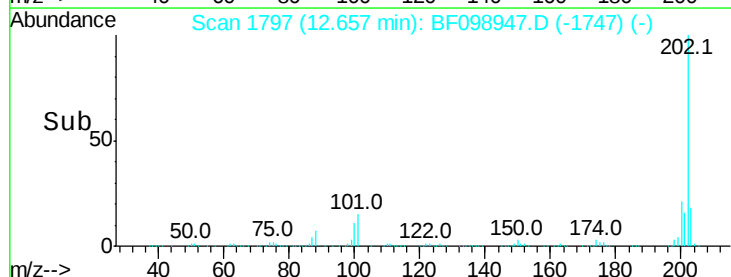
203 18.2 0.0 38.1

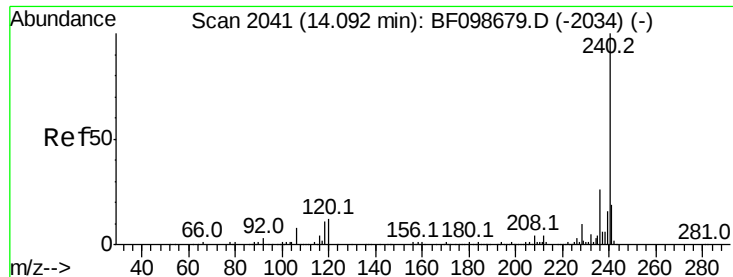


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

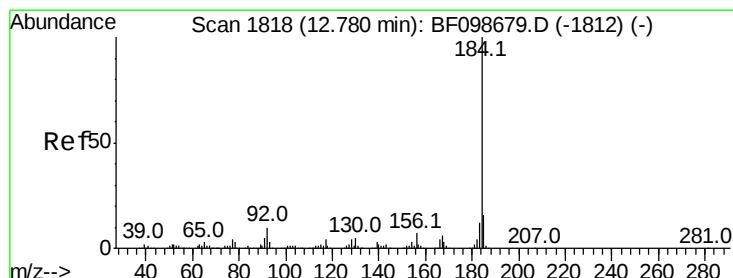
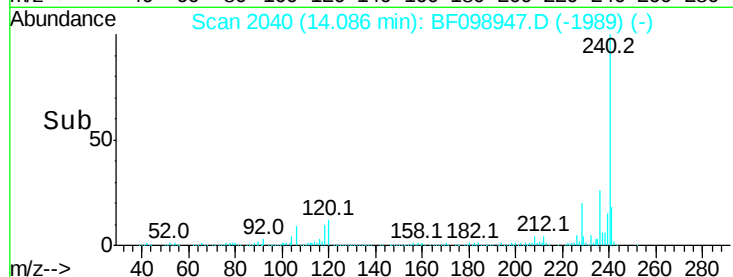
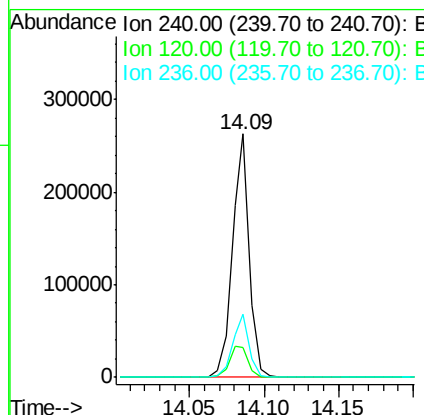
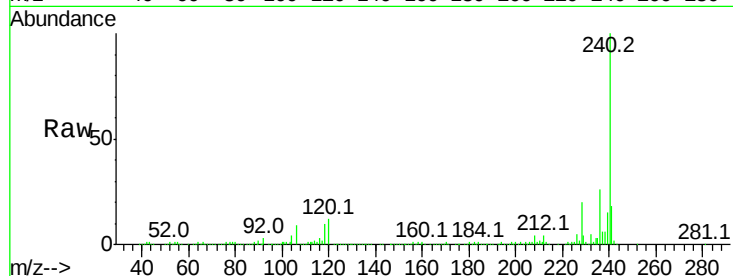
ClientSampleId :

20170660-A-C-1MSD

Tot Ion:240	Resp: 208501
Ion Ratio	Lower Upper
240 100	
120 12.1	9.5 14.3
236 25.9	20.7 31.1

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#76

Benzidine

Concen: 35.303 ng

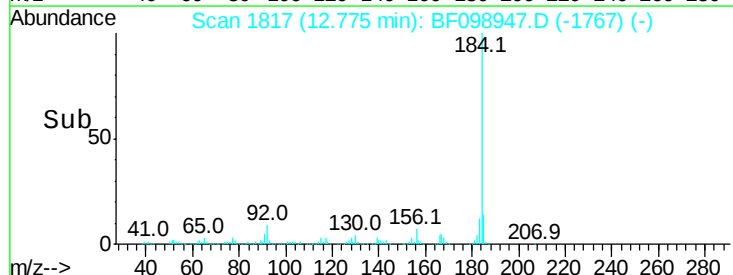
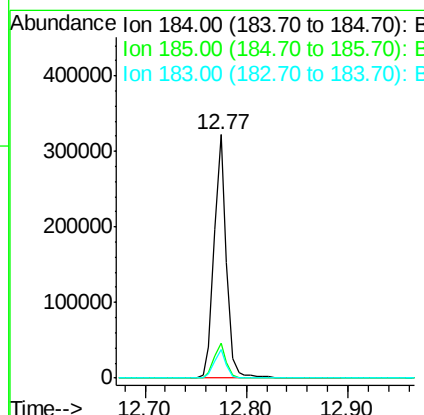
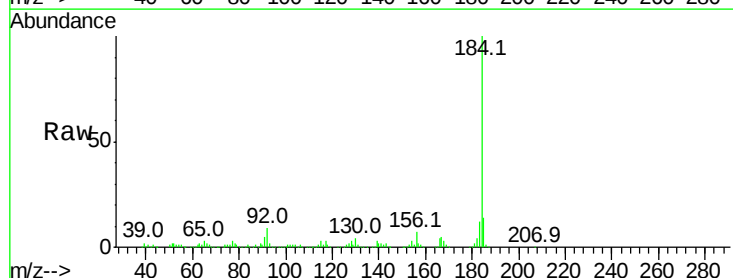
RT: 12.77 min Scan# 1817

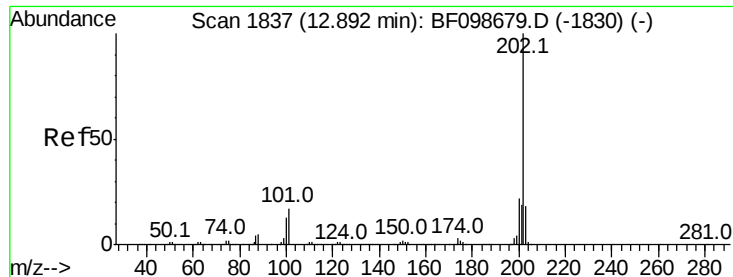
Delta R.T. -0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Tgt Ion:184	Resp: 272247
Ion Ratio	Lower Upper
184 100	
185 14.2	12.6 18.8
183 11.5	9.3 13.9





#77

Pvrene

Concen: 57.421 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

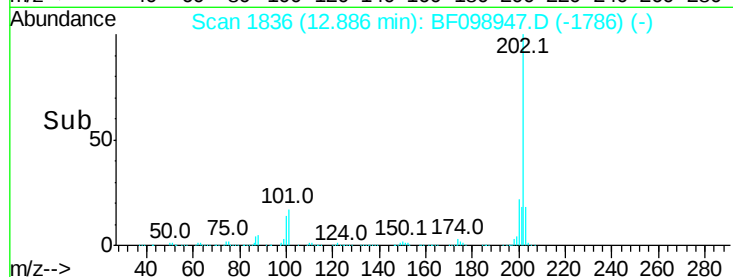
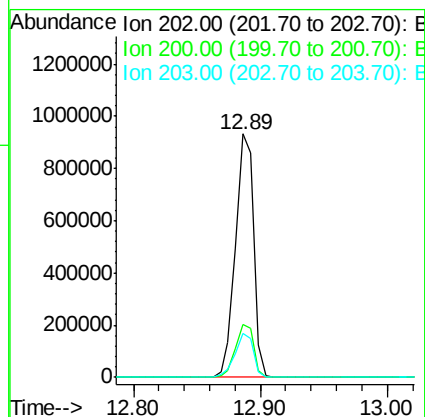
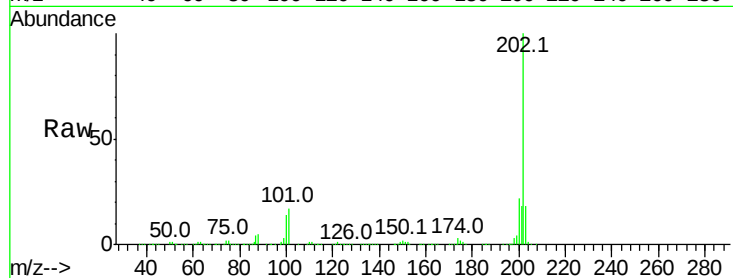
ClientSampleId :

20170660-A-C-1MSD

Tot Ion:	202	Resp:	912929
Ion Ratio		Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.9	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 111.794 ng

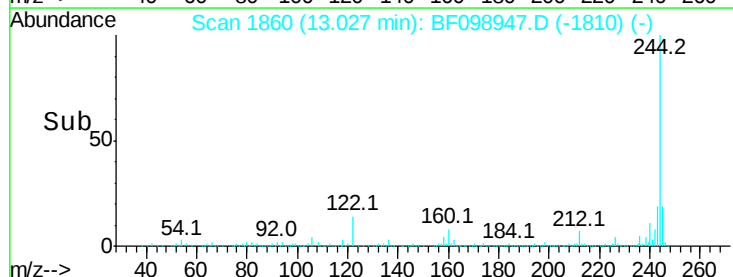
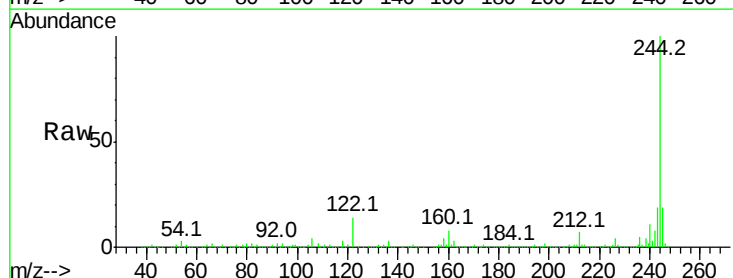
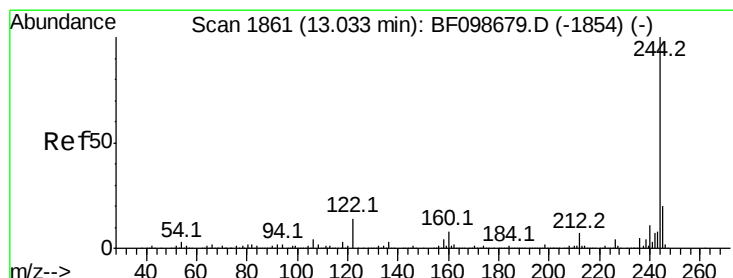
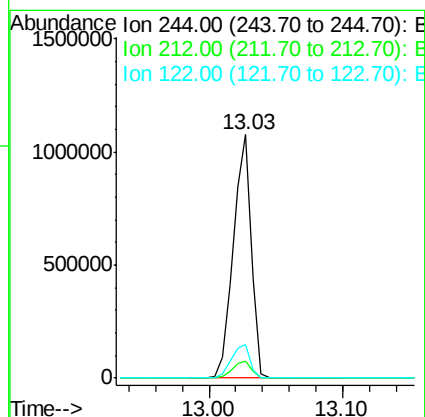
RT: 13.03 min Scan# 1860

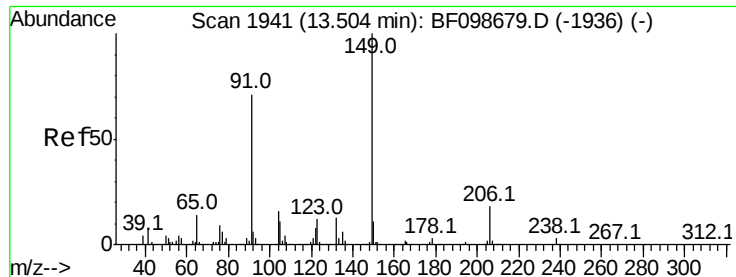
Delta R.T. -0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Tgt Ion:	244	Resp:	1024937
Ion Ratio		Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.6	11.0	16.4





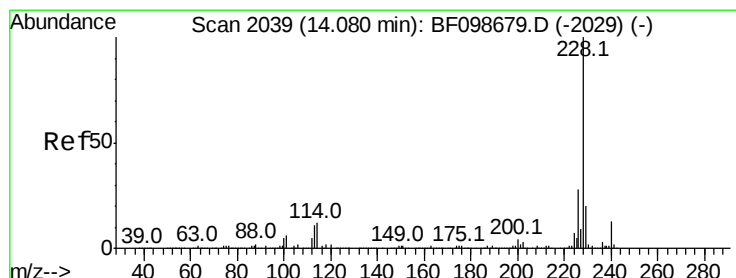
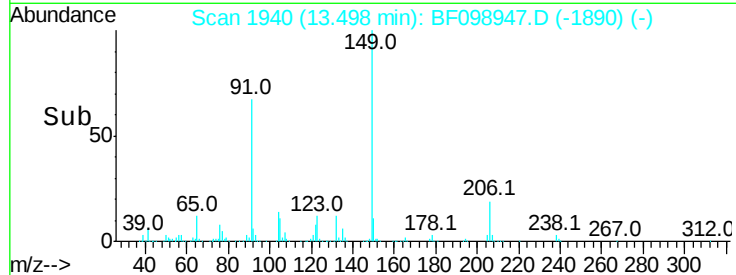
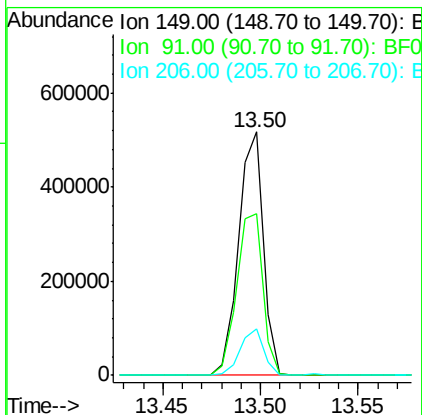
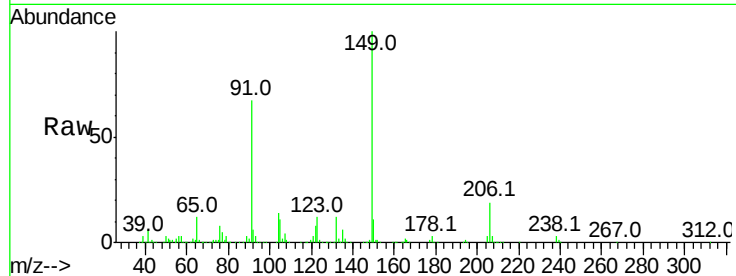
#79
Butylbenzylphthalate
Concen: 60.833 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	454553		
91	66.6	56.8	85.2	
206	19.0	14.1	21.1	

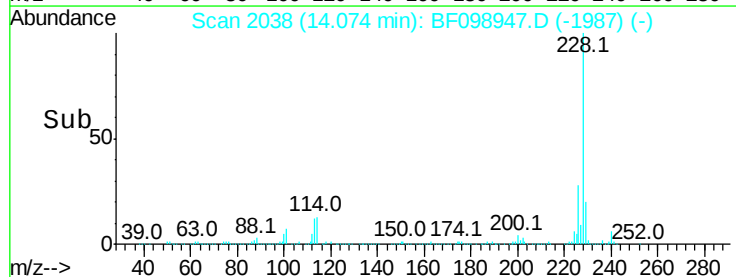
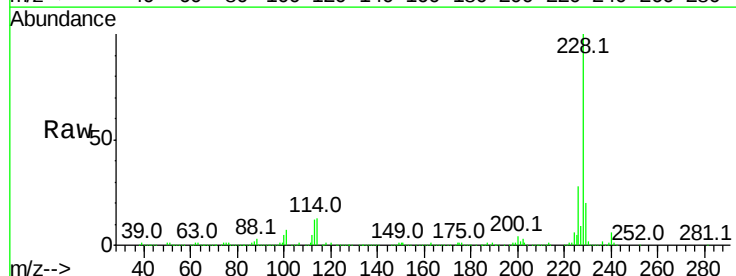
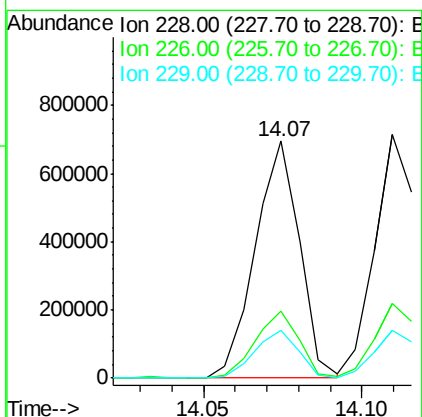
Manual Integrations
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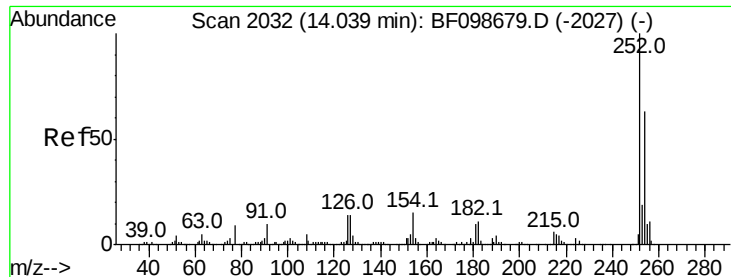
Sohil
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#80
Benzo(a)anthracene
Concen: 53.370 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	673812		
226	28.0	22.6	33.8	
229	20.0	15.8	23.6	





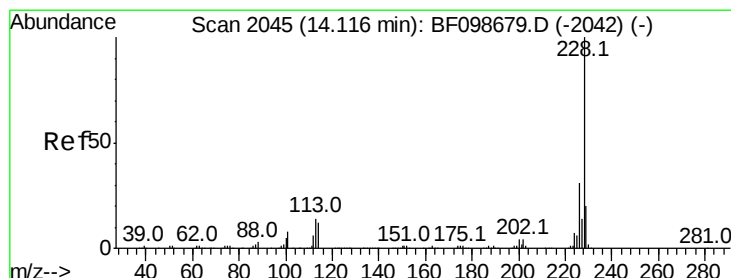
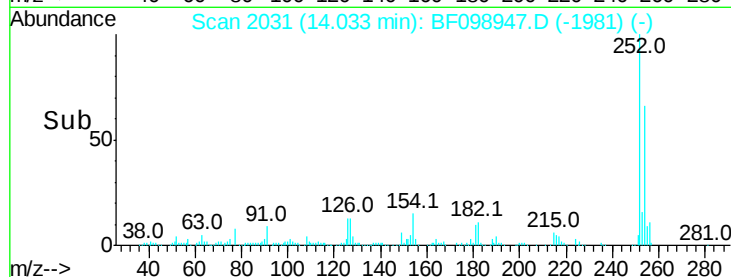
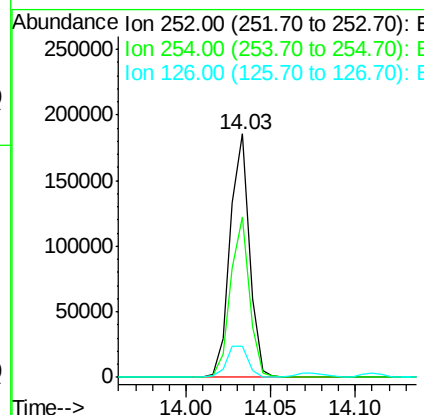
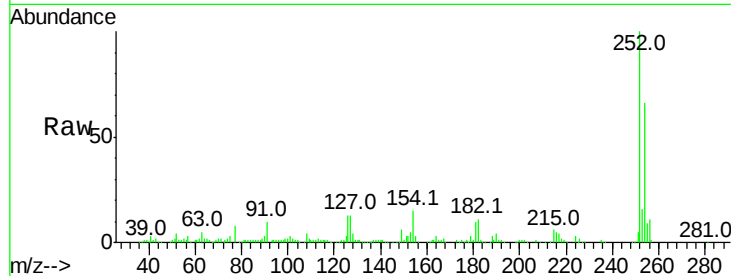
#81
 3,3'-Dichlorobenzidine
 Concen: 31.971 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.4	75.6
126	12.8	11.3	16.9

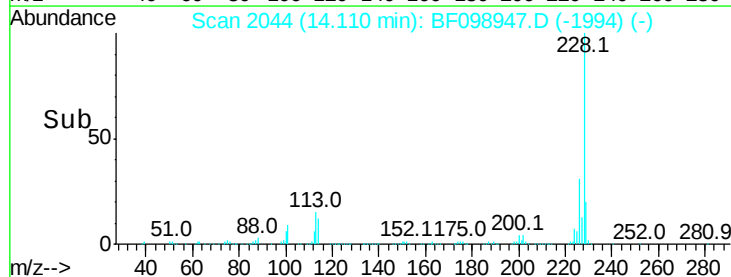
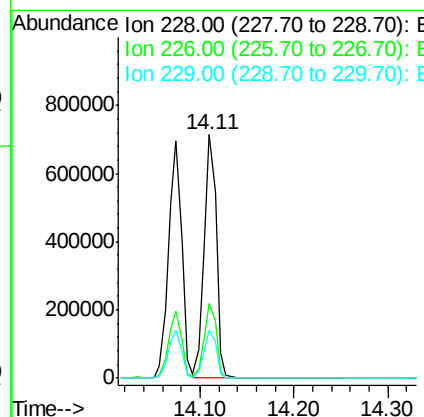
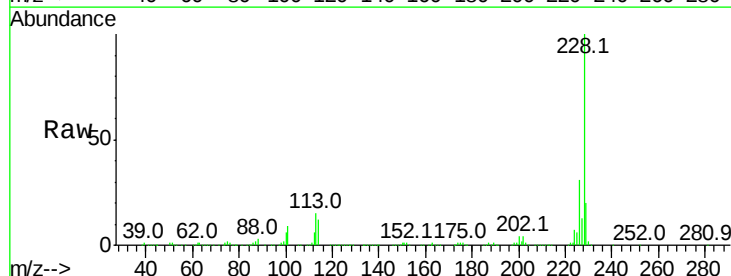
Manual Integrations
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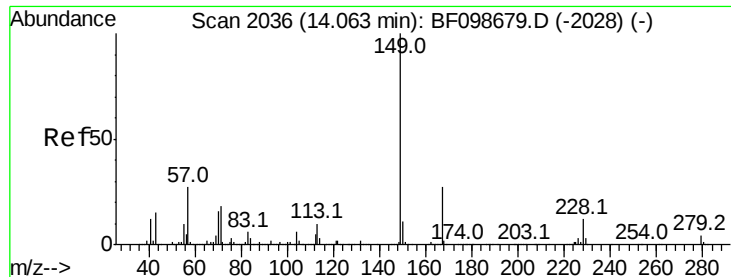
Sohil
 10/2/2017 5:38:49 PM



#82
 Chrysene
 Concen: 53.328 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.567 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

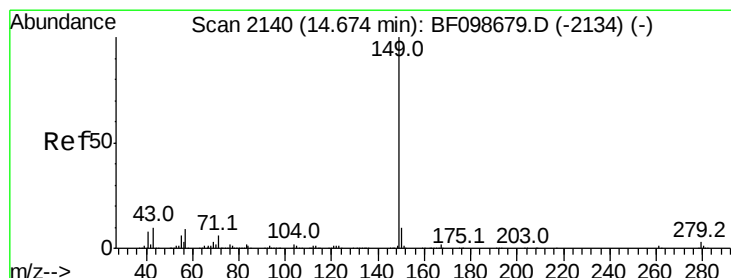
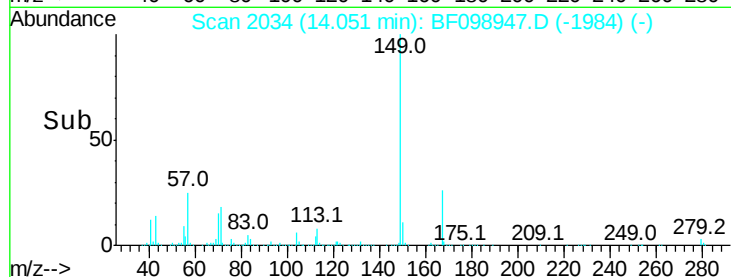
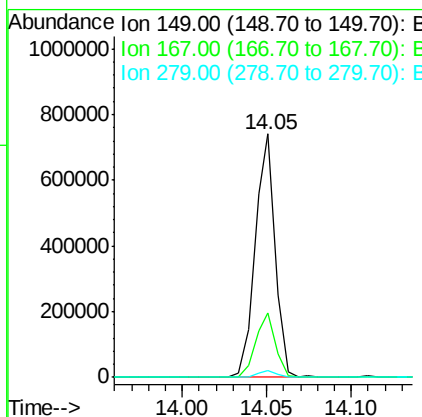
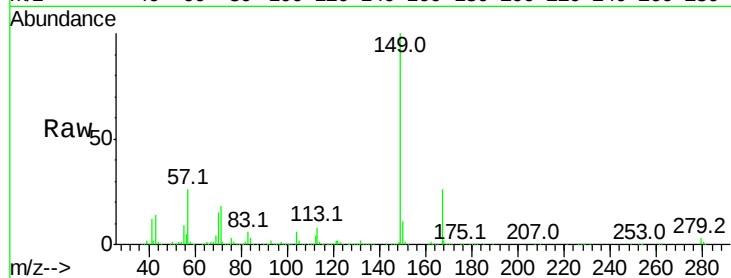
ClientSampleId :

20170660-A-C-1MSD

Tot Ion:	149	Resp:	612870
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.3	31.9
279	3.0	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 59.030 ng

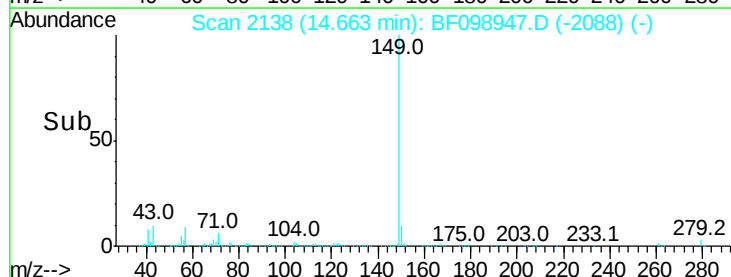
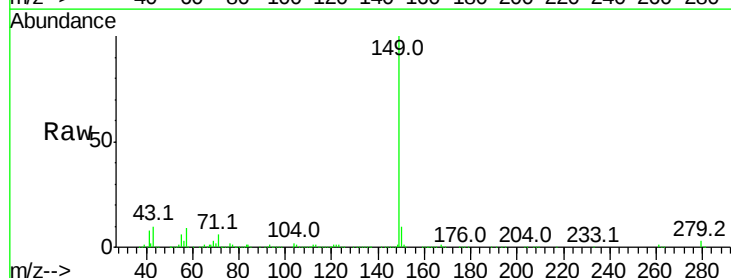
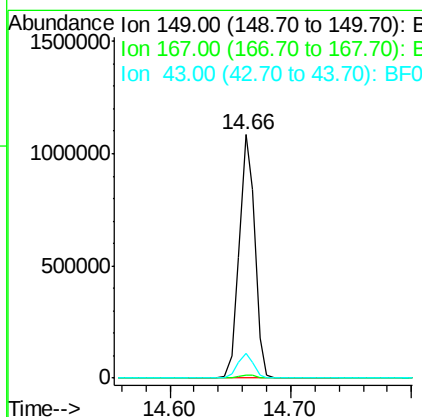
RT: 14.66 min Scan# 2138

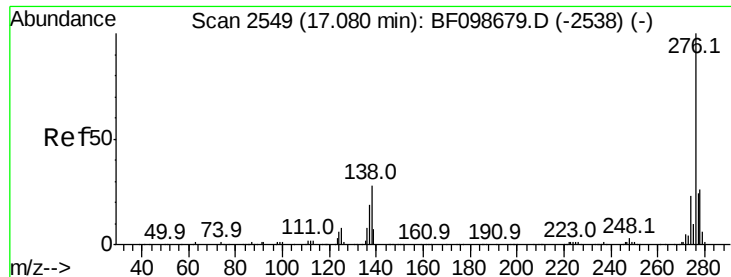
Delta R.T. -0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Tgt Ion:	149	Resp:	977957
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.9	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 83.297 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.01 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

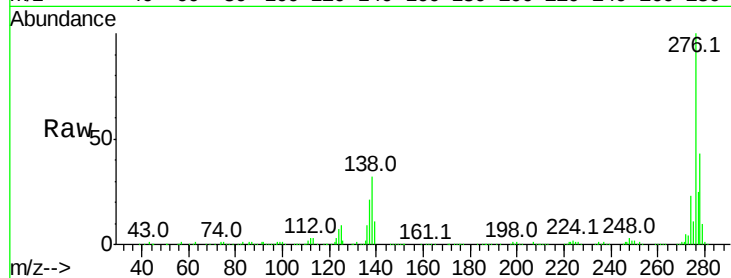
ClientSampleId :

20170660-A-C-1MSD

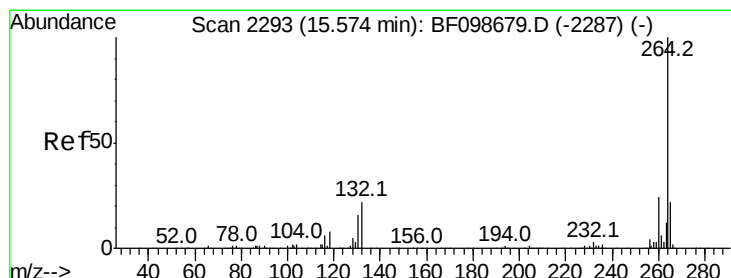
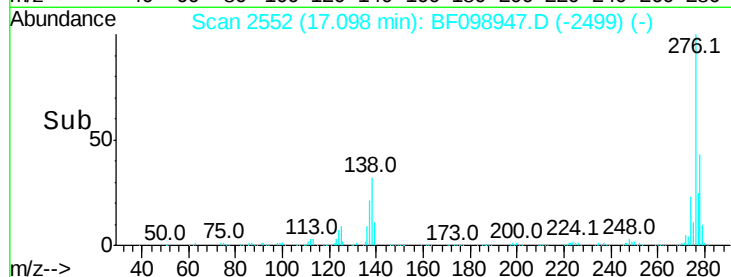
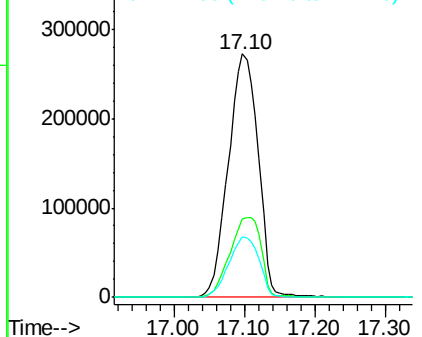
Tot Ion:	276	Resp:	800910
Ion Ratio	Lower	Upper	
276	100		
138	34.4	25.0	37.6
277	25.2	20.1	30.1

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

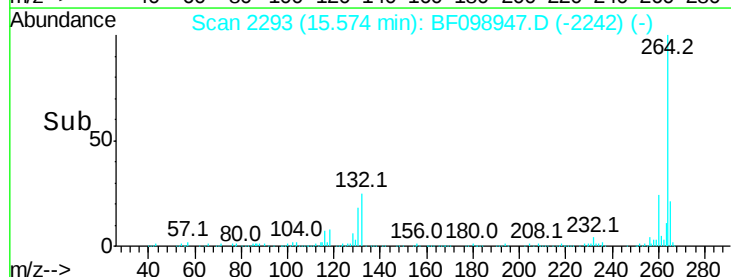
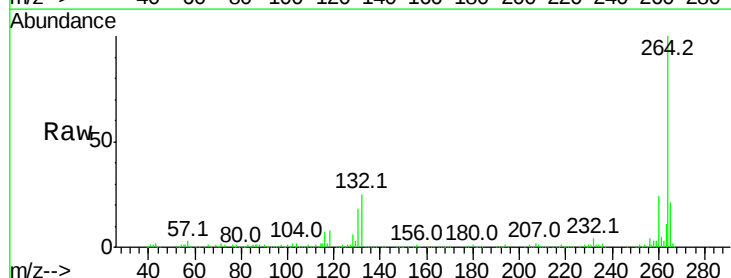
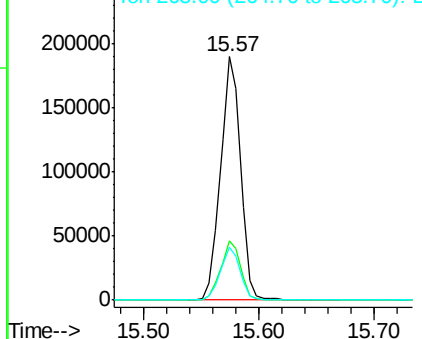
Delta R.T. 0.00 min

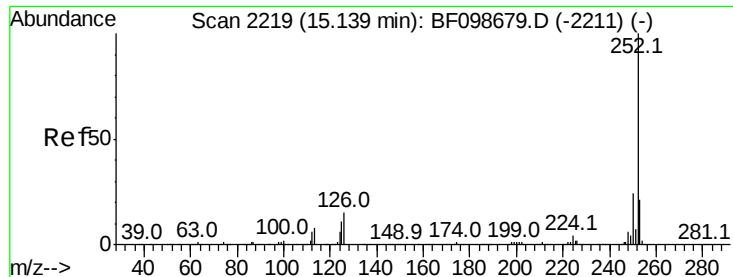
Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Tgt Ion:	264	Resp:	228204
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.5	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.016 ng

RT: 15.14 min Scan# 2219

Delta R.T. 0.00 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Instrument :

BNA_F

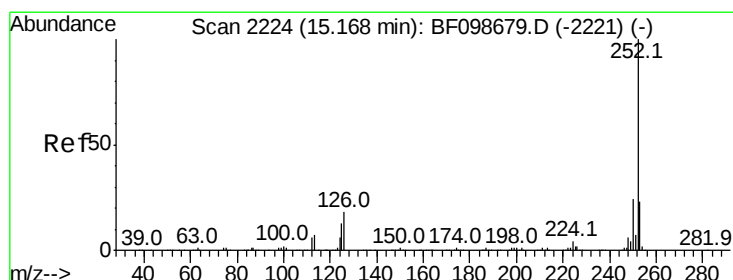
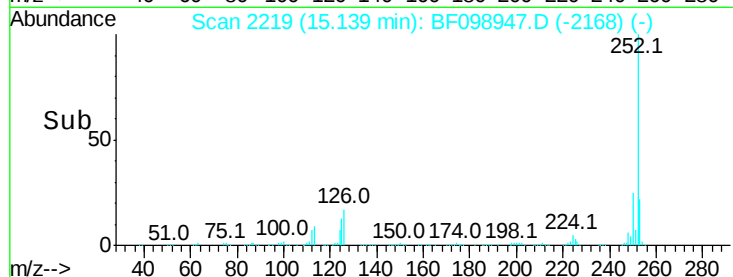
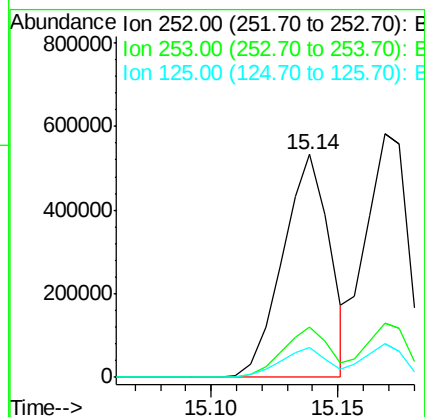
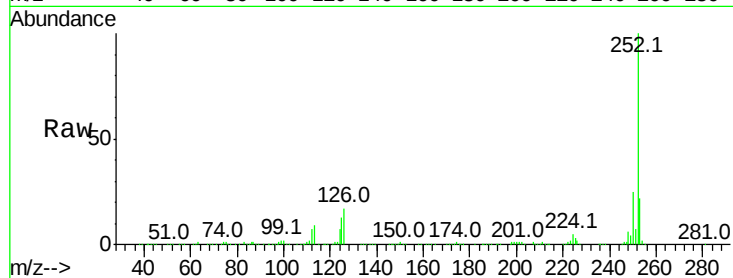
ClientSampleId :

20170660-A-C-1MSD

Tot Ion:	252	Resp:	687734
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.0	25.6
125	13.4	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 49.100 ng

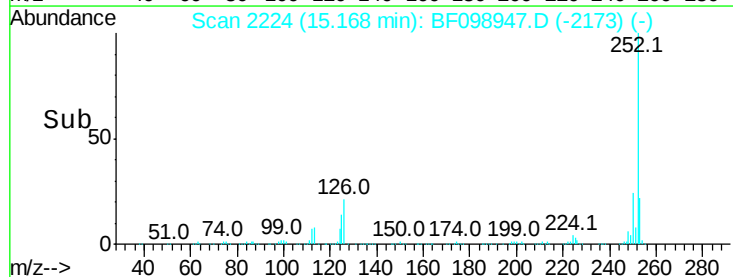
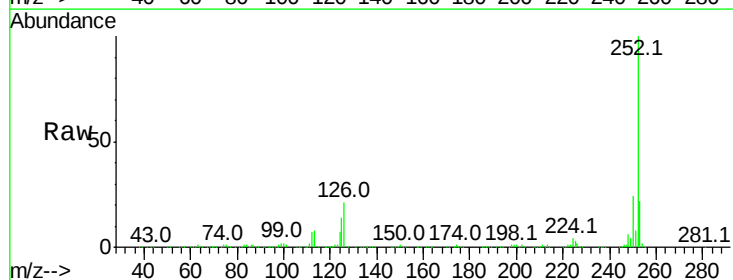
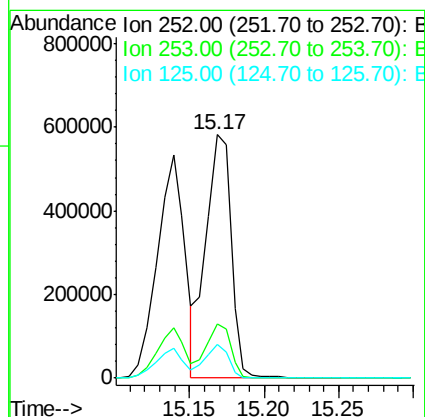
RT: 15.17 min Scan# 2224

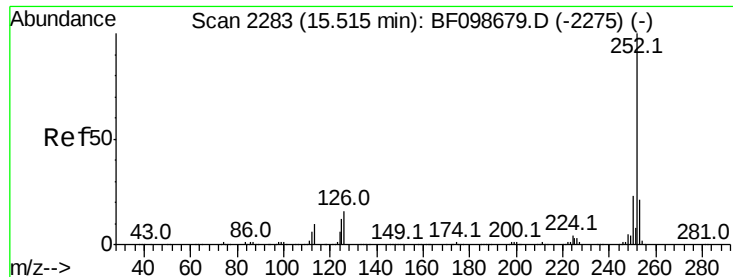
Delta R.T. 0.00 min

Lab File: BF098947.D

Acq: 29 Sep 2017 14:51

Tgt Ion:	252	Resp:	680446
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.9	26.9
125	13.9	10.2	15.2





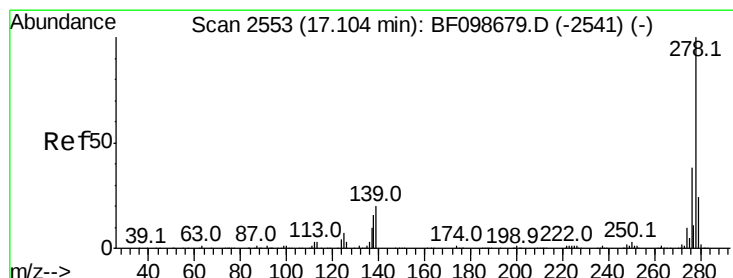
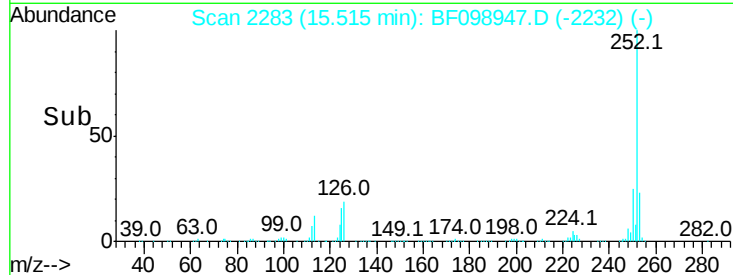
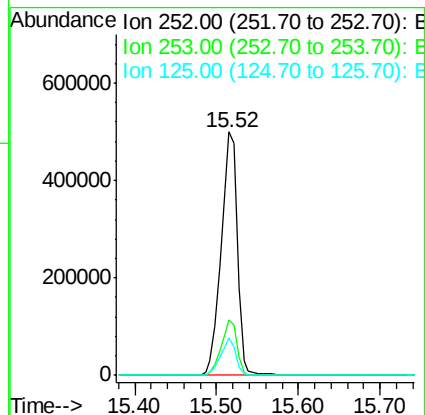
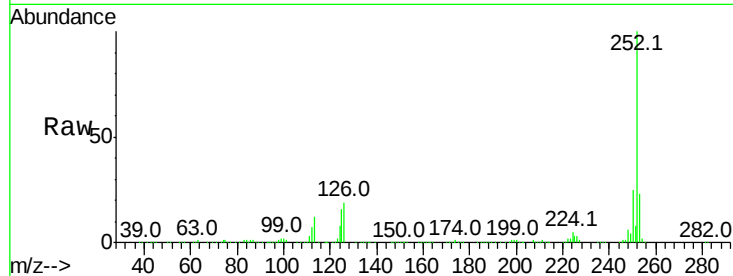
#89
Benzo(a)pyrene
Concen: 53.893 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Instrument :
BNA_F
ClientSampleId :
20170660-A-C-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	15.6	9.8	14.6

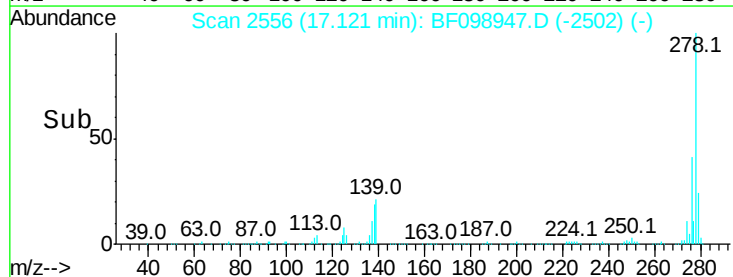
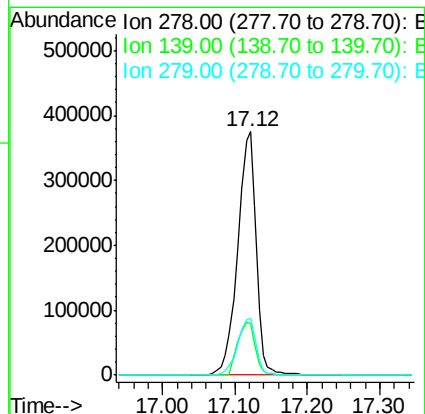
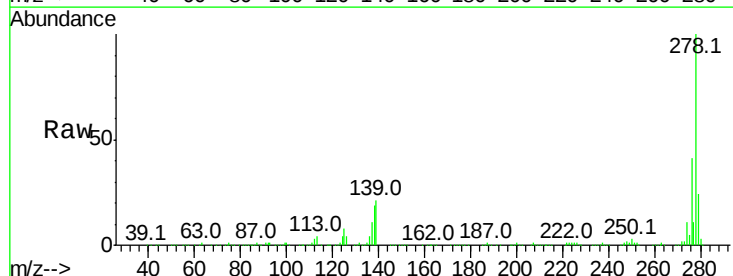
Manual Integrations
APPROVED

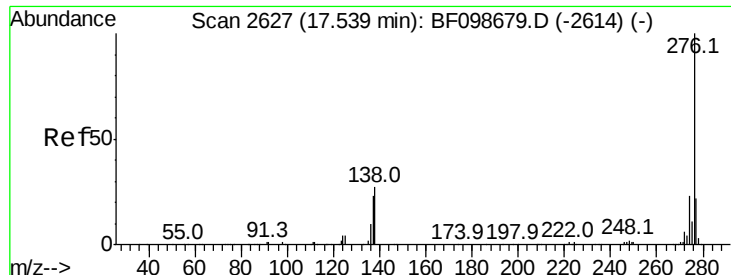
Sohil
10/2/2017 5:38:49 PM



#90
Dibenzo(a,h)anthracene
Concen: 64.952 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.02 min
Lab File: BF098947.D
Acq: 29 Sep 2017 14:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	15.9	23.9
279	23.5	19.0	28.4





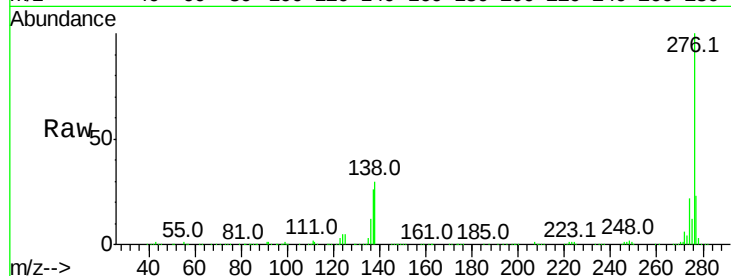
#91
 Benzo(a,h,i)perylene
 Concen: 64.749 ng
 RT: 17.56 min Scan# 2631
 Delta R.T. 0.02 min
 Lab File: BF098947.D
 Acq: 29 Sep 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 20170660-A-C-1MSD

Tot Ion:	276	Resp:	659697
Ion Ratio		Lower	Upper
276	100		
277	23.4	17.9	26.9
138	30.5	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 10/2/2017 5:38:49 PM



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

