

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092917\
 Data File : BF098946.D
 Acq On : 29 Sep 2017 14:24
 Operator : SJ/JU
 Sample : I5450-13MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 10/2/2017 5:38:47 PM

Quant Time: Sep 29 16:49:35 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	141608	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	607365	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	274512	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	447465	20.00	ng	0.00
75) Chrysene-d12	14.09	240	230130	20.00	ng	0.00
86) Perylene-d12	15.57	264	224579	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1205516	135.52	ng	0.02
7) Phenol-d6	6.55	99	1403463	127.89	ng	0.00
23) Nitrobenzene-d5	7.49	82	1033119	109.08	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	330284	147.04	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1795156	109.17	ng	0.00
78) Terphenyl-d14	13.03	244	1288691	127.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.97	88	165867	39.034	ng	# 84
3) Pyridine	3.67	79	431002	37.494	ng	97
4) n-Nitrosodimethylamine	3.61	42	229638	47.110	ng	# 98
6) Aniline	6.59	93	80646	5.445	ng	99
8) 2-Chlorophenol	6.71	128	464908	46.150	ng	97
9) Benzaldehyde	6.47	77	96870	15.218	ng	95
10) Phenol	6.57	94	512647	41.771	ng	96
11) bis(2-Chloroethyl)ether	6.66	93	469891	49.250	ng	99
12) 1,3-Dichlorobenzene	6.86	146	498237	47.226	ng	98
13) 1,4-Dichlorobenzene	6.94	146	498643	46.454	ng	97
14) 1,2-Dichlorobenzene	7.09	146	463536	46.736	ng	98
15) Benzyl Alcohol	7.06	79	408082	50.691	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	739066	49.719	ng	98
17) 2-Methylphenol	7.17	107	401879	48.756	ng	98
18) Hexachloroethane	7.43	117	183354	47.523	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	340933	48.662	ng	98
20) 3+4-Methylphenols	7.32	107	470835	45.153	ng	# 78
22) Acetophenone	7.33	105	659789	44.837	ng	98
24) Nitrobenzene	7.50	77	513617	47.808	ng	97
25) Isophorone	7.74	82	975317	49.809	ng	100
26) 2-Nitrophenol	7.82	139	263711	51.045	ng	96
27) 2,4-Dimethylphenol	7.85	122	461670	47.319	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	621780	50.955	ng	99
29) 2,4-Dichlorophenol	8.06	162	409581	48.895	ng	97
30) 1,2,4-Trichlorobenzene	8.14	180	411079	49.066	ng	99
31) Naphthalene	8.22	128	1396277	48.948	ng	99
32) Benzoic acid	7.98	122	241951	30.190	ng	100
33) 4-Chloroaniline	8.26	127	77161	6.477	ng	97
34) Hexachlorobutadiene	8.33	225	205407	47.600	ng	99
35) Caprolactam	8.66	113	115704m	43.060	ng	
36) 4-Chloro-3-methylphenol	8.75	107	448343	47.618	ng	98
37) 2-Methylnaphthalene	8.92	142	969993	52.308	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	367631	44.906	ng	98
40) Hexachlorocyclopentadiene	9.06	237	255771	68.364	ng	98

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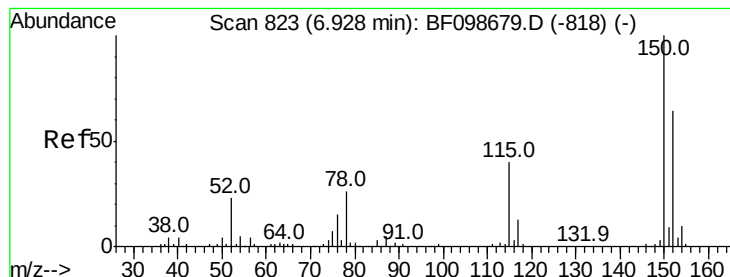
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	280172	48.308	nq	99
43) 2,4,5-Trichlorophenol	9.24	196	284946	49.217	nq	97
45) 1,1'-Biphenyl	9.38	154	1098621	46.566	nq	99
46) 2-Chloronaphthalene	9.40	162	873596	49.317	nq	99
47) 2-Nitroaniline	9.50	65	287866	53.073	nq	95
48) Acenaphthylene	9.82	152	1325643	48.886	nq	100
49) Dimethylphthalate	9.68	163	1114137	53.775	nq	99
50) 2,6-Dinitrotoluene	9.75	165	238730	52.927	nq	90
51) Acenaphthene	9.99	154	799016	46.516	nq	100
52) 3-Nitroaniline	9.90	138	56610	10.764	nq	# 94
53) 2,4-Dinitrophenol	10.02	184	147374	64.012	nq	93
54) Dibenzofuran	10.17	168	1185486	51.834	nq	99
55) 4-Nitrophenol	10.07	139	362478	81.508	nq	96
56) 2,4-Dinitrotoluene	10.15	165	319138	54.517	nq	91
57) Fluorene	10.51	166	886647	48.233	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	206609	51.660	nq	96
59) Diethylphthalate	10.38	149	1045504	51.642	nq	97
60) 4-Chlorophenyl-phenylether	10.50	204	407710	49.374	nq	97
61) 4-Nitroaniline	10.53	138	219716	43.302	nq	98
62) Azobenzene	10.66	77	982576	52.785	nq	98
64) 4,6-Dinitro-2-methylphenol	10.56	198	119011	43.714	nq	90
65) n-Nitrosodiphenylamine	10.62	169	829426	53.506	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	241291	55.090	nq	99
67) Hexachlorobenzene	11.06	284	231197	49.423	nq	98
68) Atrazine	11.14	200	254370	54.540	nq	99
69) Pentachlorophenol	11.25	266	242576	83.320	nq	99
70) Phenanthrene	11.47	178	1225578	51.169	nq	99
71) Anthracene	11.53	178	1254709	51.198	nq	99
72) Carbazole	11.67	167	1159600	48.319	nq	100
73) Di-n-butylphthalate	12.00	149	1556620	53.887	nq	100
74) Fluoranthene	12.66	202	1101361	45.410	nq	98
76) Benzidine	12.77	184	242005	28.432	nq	97
77) Pyrene	12.89	202	1086037	61.888	nq	99
79) Butylbenzylphthalate	13.50	149	552496	66.991	nq	96
80) Benzo(a)anthracene	14.07	228	742968	53.317	nq	100
81) 3,3'-Dichlorobenzidine	14.03	252	142848	27.963	nq	100
82) Chrysene	14.12	228	691367	52.113	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	738216	65.006	nq	# 99
84) Di-n-octyl phthalate	14.66	149	1095385	59.904	nq	98
85) Indeno(1,2,3-cd)pyrene	17.10	276	758178	71.442	nq	97
87) Benzo(b)fluoranthene	15.14	252	679127	49.183	nq	97
88) Benzo(k)fluoranthene	15.17	252	660734	48.447	nq	99
89) Benzo(a)pyrene	15.52	252	671022	52.942	nq	# 97
90) Dibenzo(a,h)anthracene	17.12	278	632404	62.345	nq	97
91) Benzo(g,h,i)perylene	17.56	276	621352	61.970	nq	96

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



#1

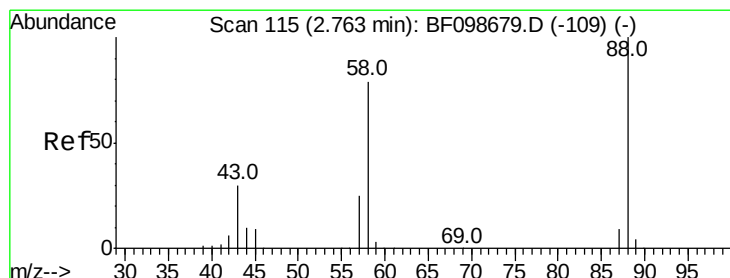
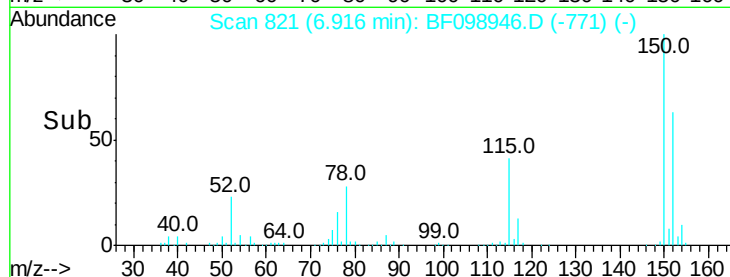
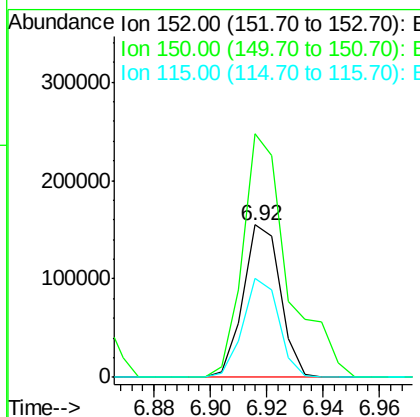
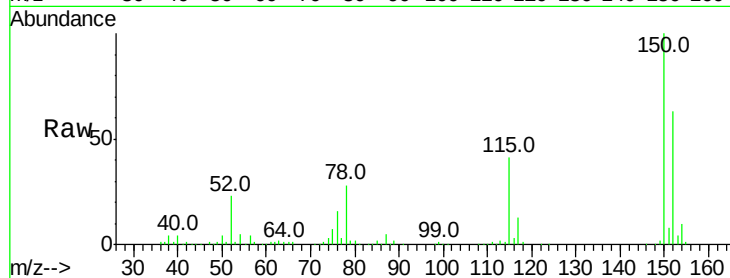
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	64.9	50.1	75.1

Manual Integrations
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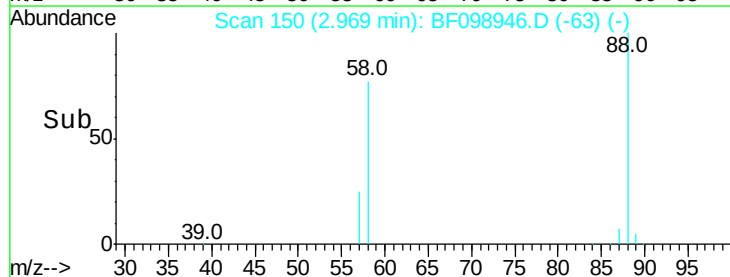
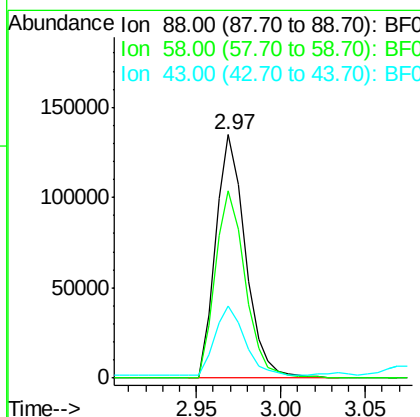
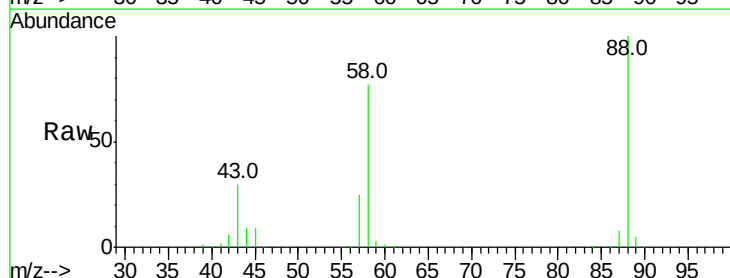
Sohil
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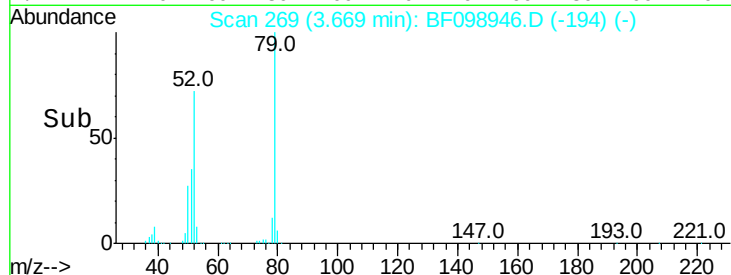
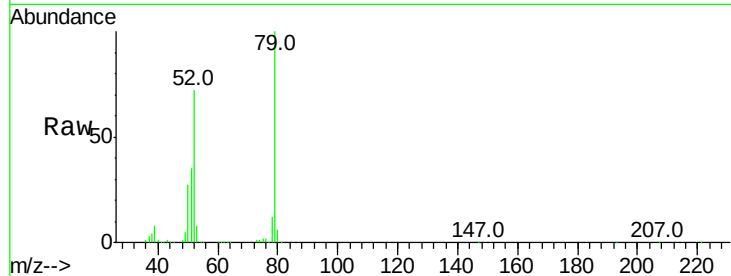
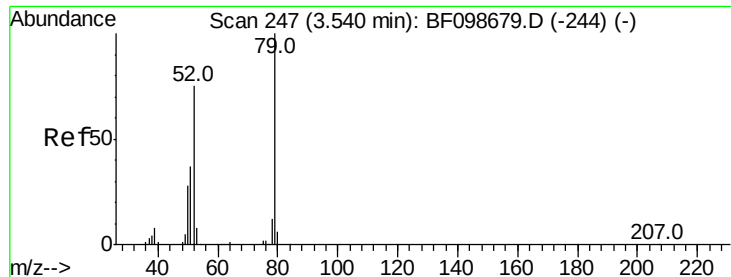


#2

1,4-Dioxane
 Concen: 39.034 ng
 RT: 2.97 min Scan# 150
 Delta R.T. 0.21 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.0	62.6	93.8
43	0.0	24.6	37.0#





#3

Pvridine

Concen: 37.494 ng

RT: 3.67 min Scan# 269

Delta R.T. 0.14 min

Lab File: BF098946.D

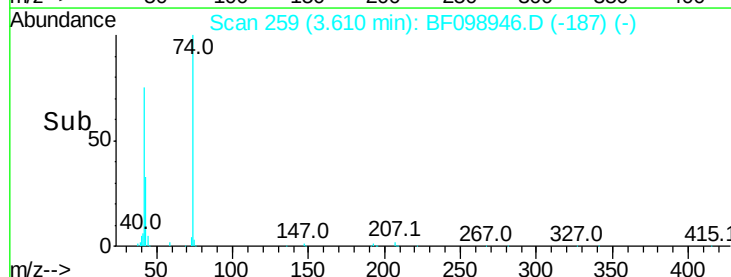
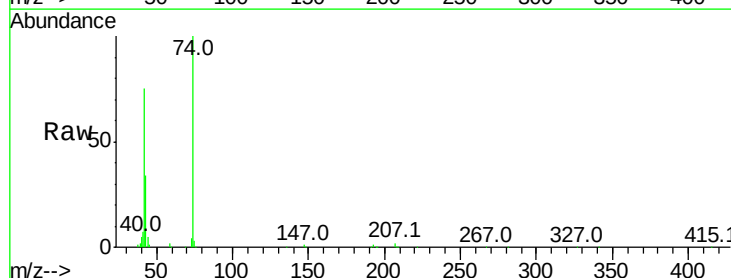
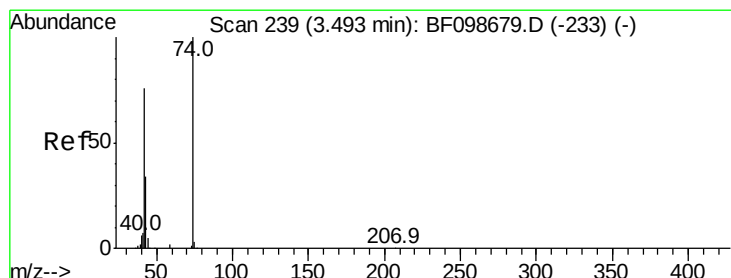
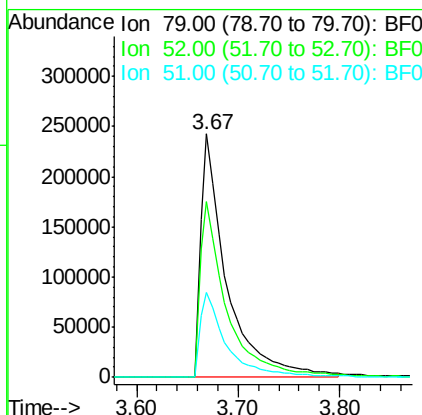
Acq: 29 Sep 2017 14:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		431002		
52	72.1	59.8		89.6	
51	34.8	29.8		44.8	

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

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#4

n-Nitrosodimethylamine

Concen: 47.110 ng

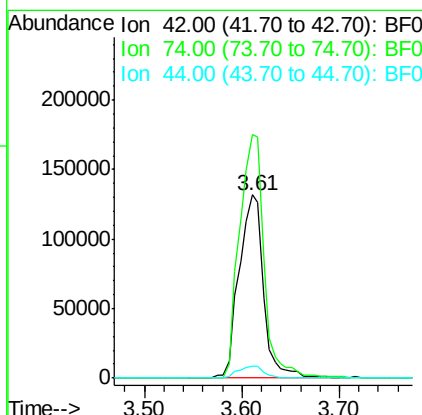
RT: 3.61 min Scan# 259

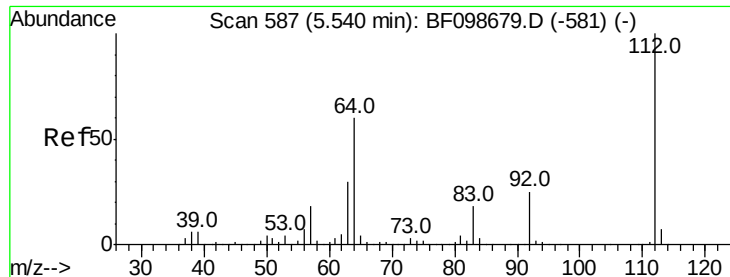
Delta R.T. 0.12 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		229638		
74	132.8	104.9		157.3	
44	6.3	6.9		10.3#	





#5

2-Fluorophenol

Concen: 135.519 ng

RT: 5.56 min Scan# 591

Delta R.T. 0.02 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

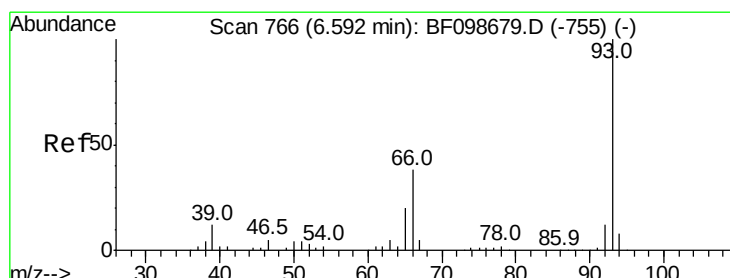
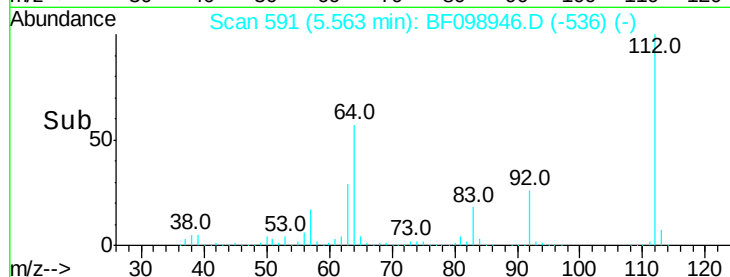
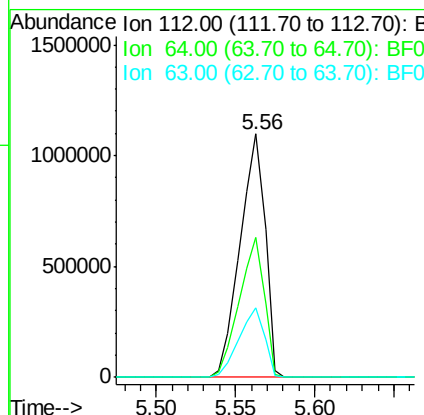
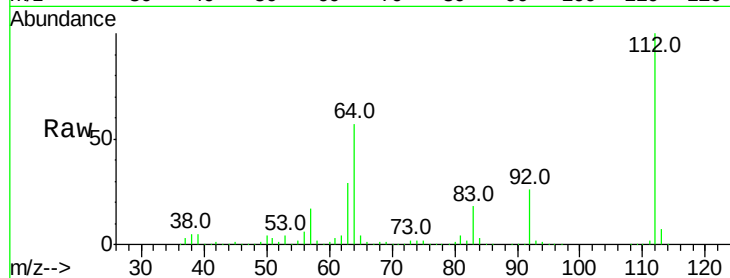
ClientSampleId :

20170660-A-C-1MS

Tot Ion:	112	Resp:	1205516
Ion Ratio	Lower	Upper	
112	100		
64	57.2	47.9	71.9
63	28.5	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 5.445 ng

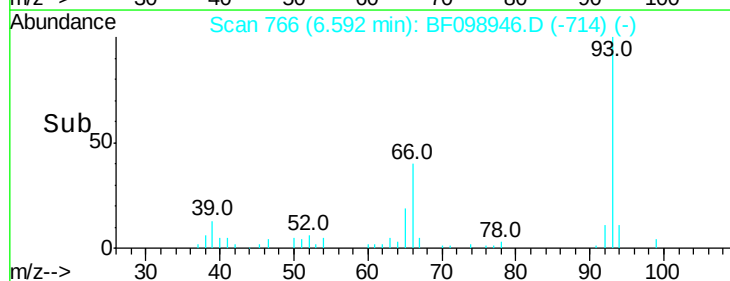
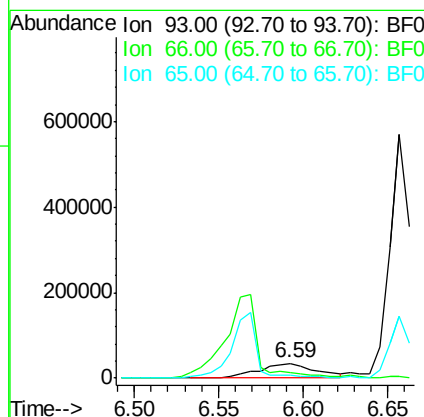
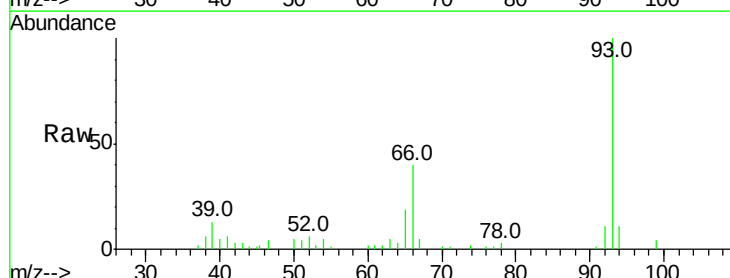
RT: 6.59 min Scan# 766

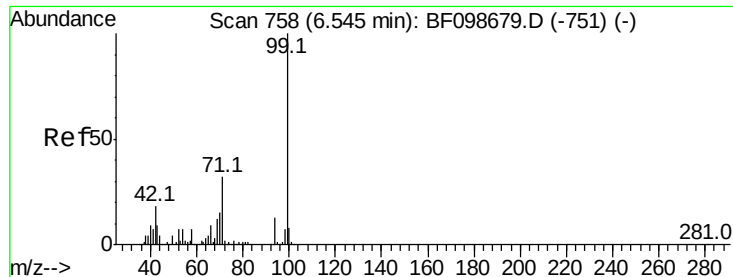
Delta R.T. 0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Tgt Ion:	93	Resp:	80646
Ion Ratio	Lower	Upper	
93	100		
66	40.3	32.2	48.2
65	18.9	16.4	24.6





#7

Phenol-d6

Concen: 127.894 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

20170660-A-C-1MS

Tot Ion: 99 Resp: 1403463

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

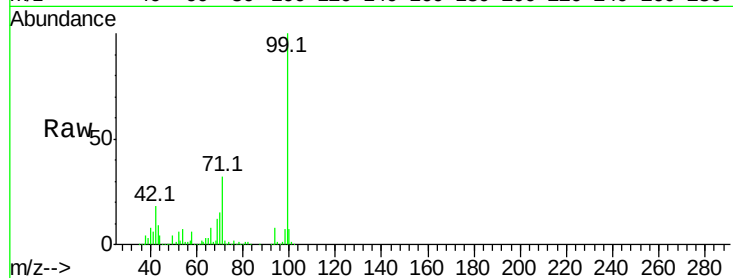
71 32.1 25.4 38.0

Manual Integrations

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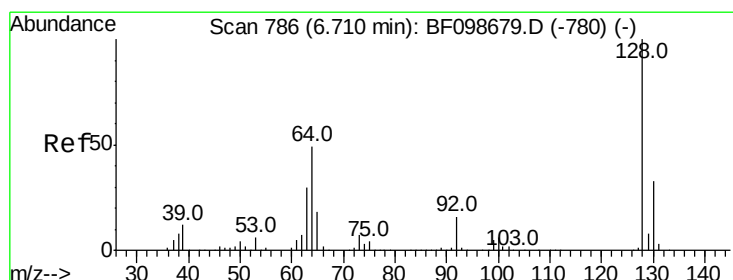
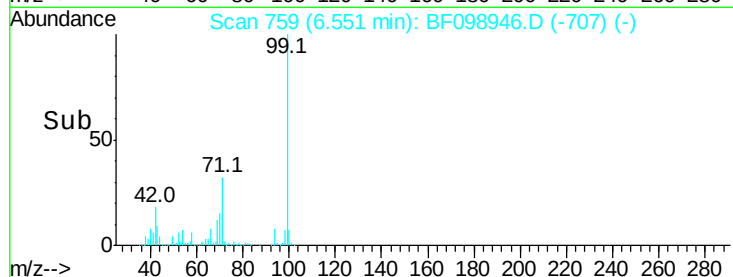
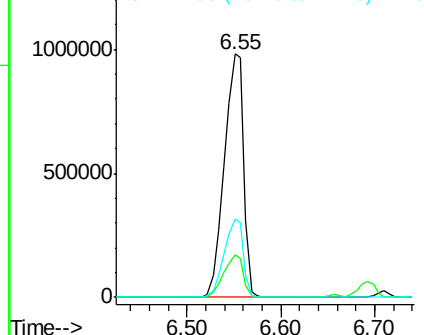
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.150 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

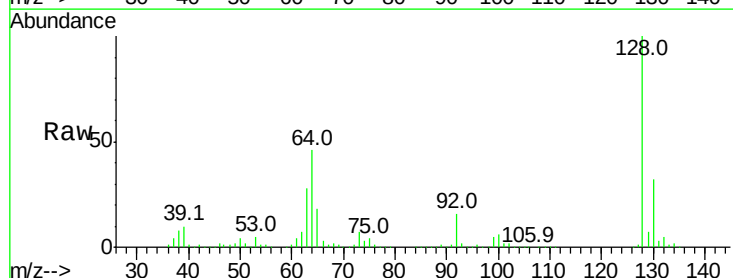
Tgt Ion:128 Resp: 464908

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

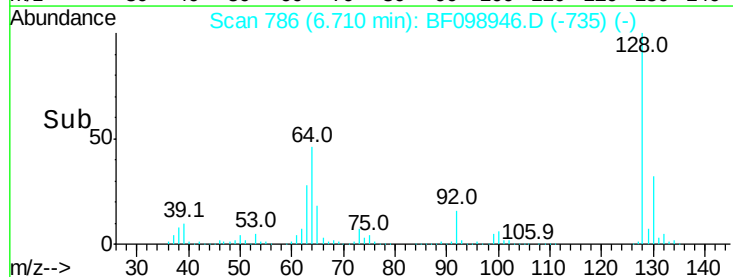
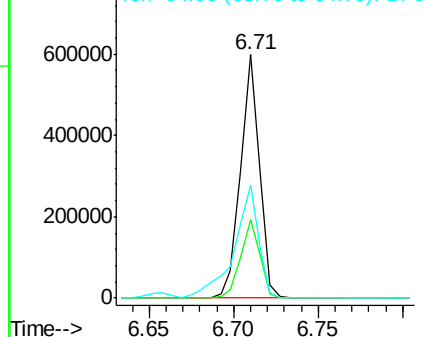
64 46.3 29.4 69.4

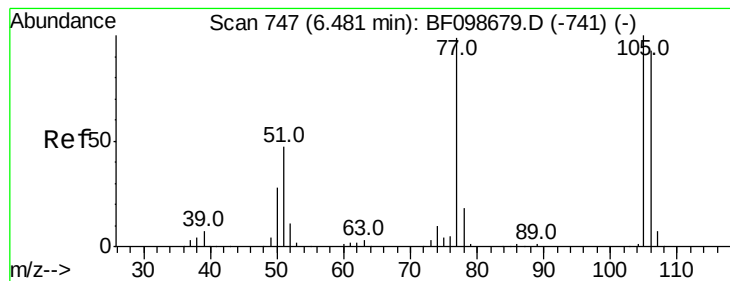


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.218 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

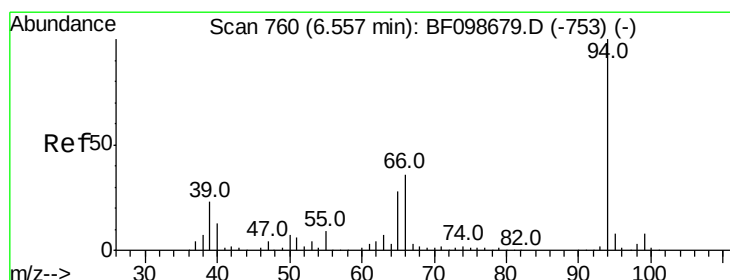
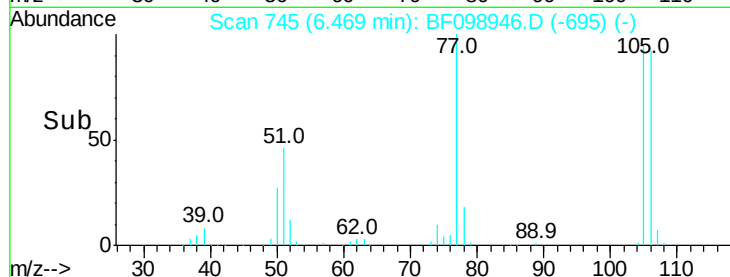
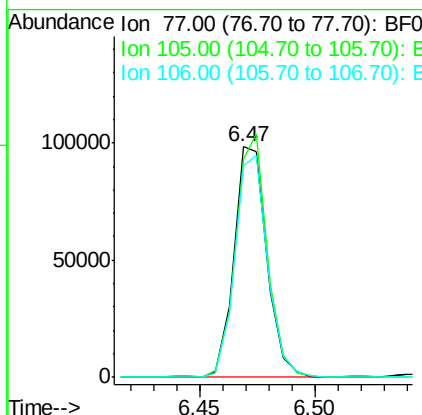
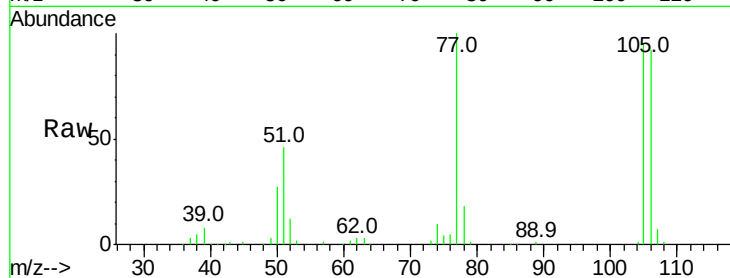
ClientSampleId :

20170660-A-C-1MS

Tot Ion:	77	Resp:	96870
Ion	Ratio	Lower	Upper
77	100		
105	94.6	81.1	121.1
106	91.6	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 41.771 ng

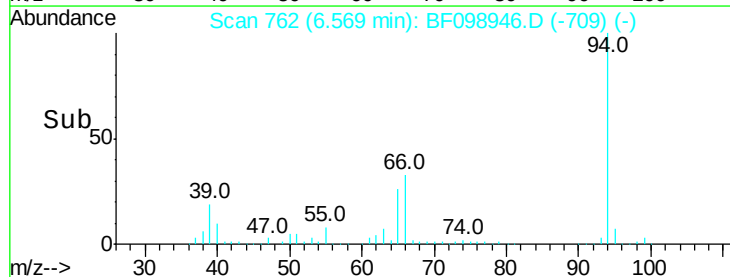
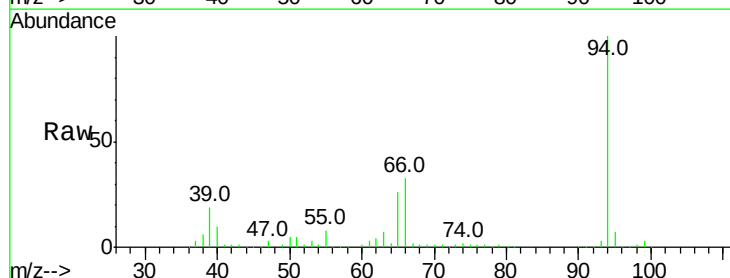
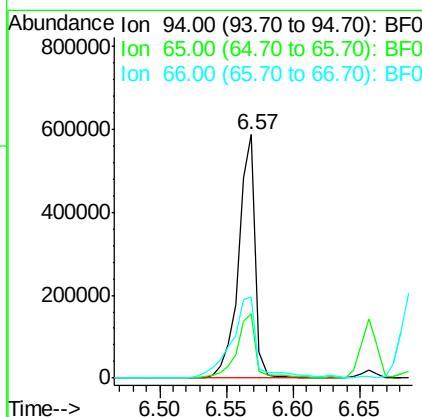
RT: 6.57 min Scan# 762

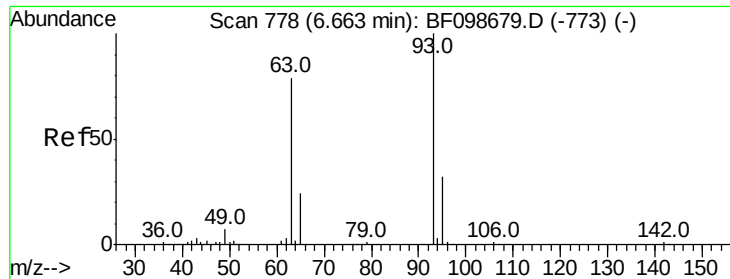
Delta R.T. 0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Tgt Ion:	94	Resp:	512647
Ion	Ratio	Lower	Upper
94	100		
65	26.2	7.9	47.9
66	33.2	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 49.250 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

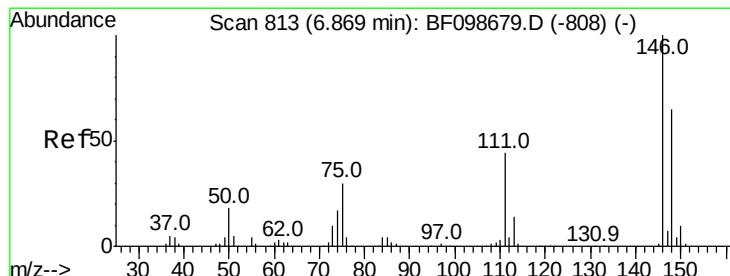
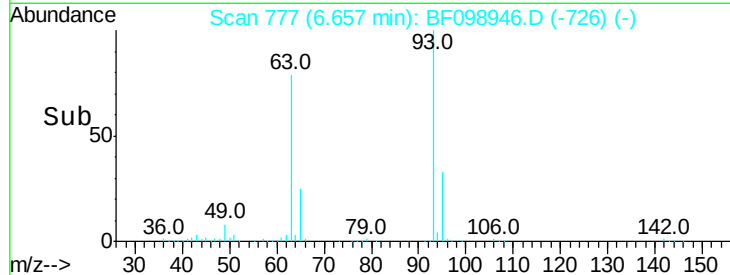
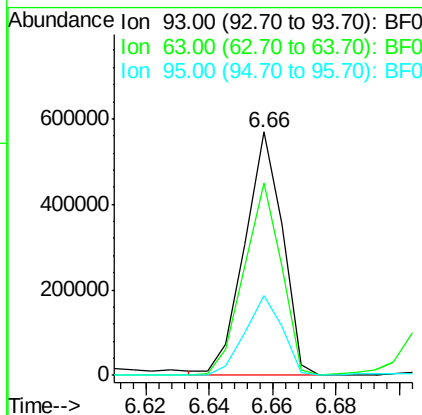
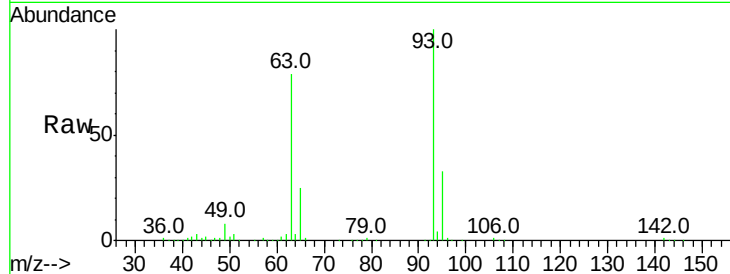
ClientSampleId :

20170660-A-C-1MS

Tot Ion:	93	Resp:	469891
Ion Ratio	Lower	Upper	
93	100		
63	79.2	58.6	98.6
95	32.5	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 47.226 ng

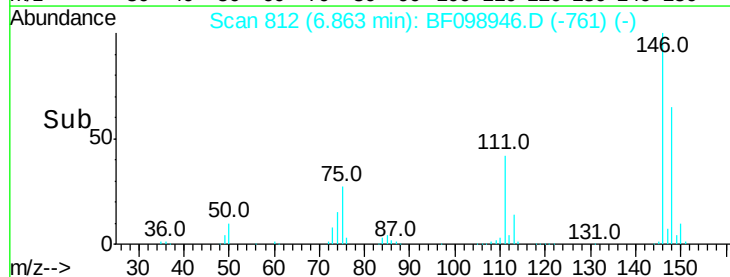
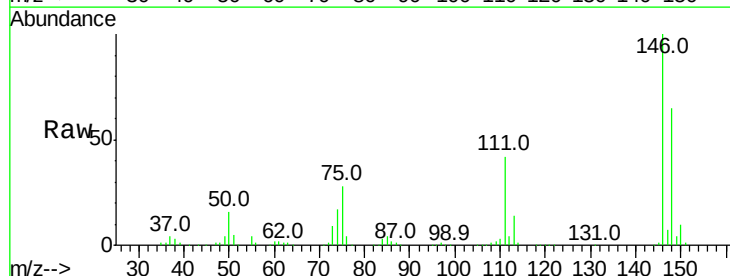
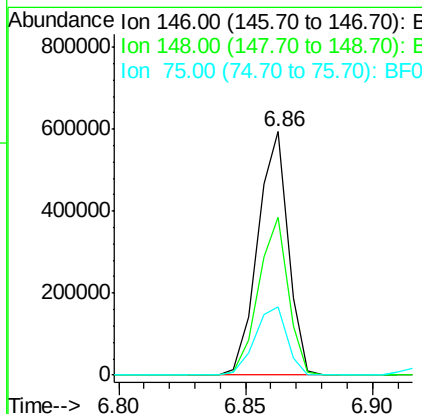
RT: 6.86 min Scan# 812

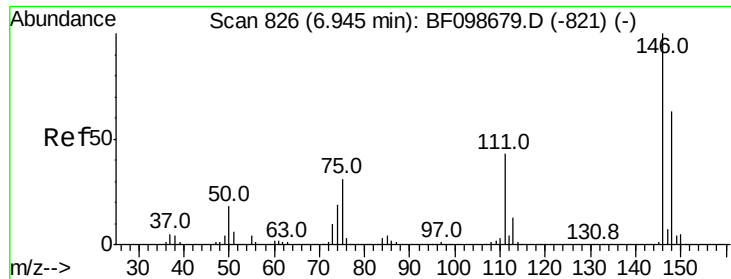
Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Tgt Ion:	146	Resp:	498237
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.8
75	27.9	24.2	36.4





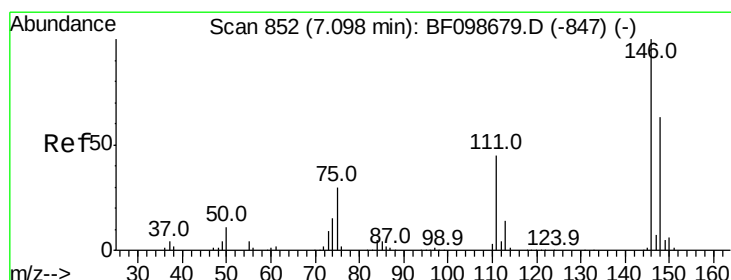
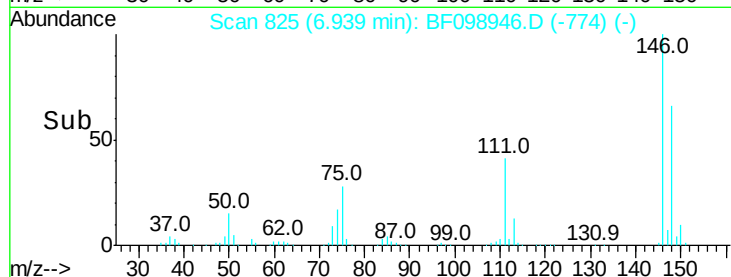
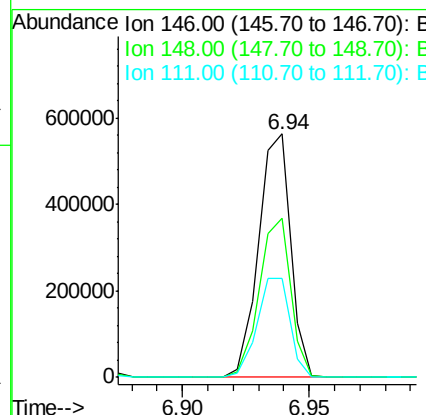
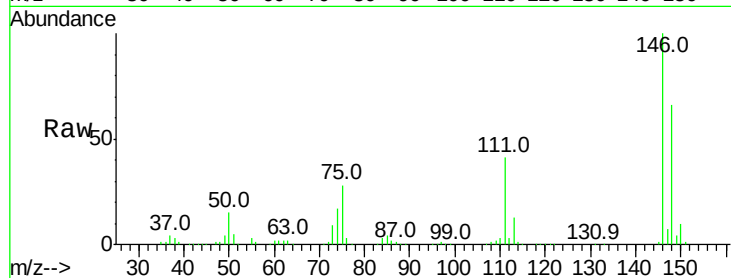
#13
 1,4-Dichlorobenzene
 Concen: 46.454 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.8	76.2
111	40.6	34.2	51.2

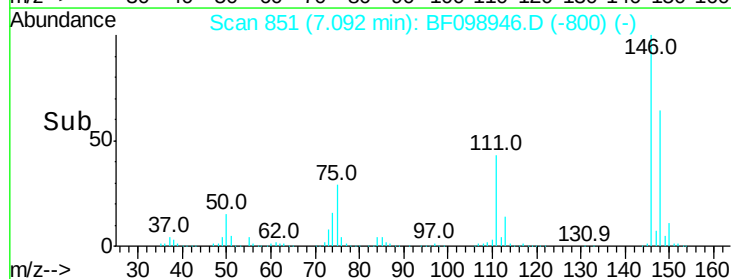
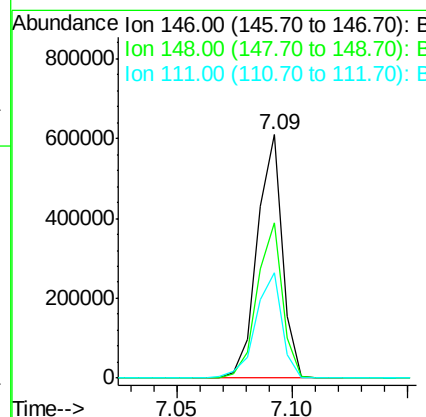
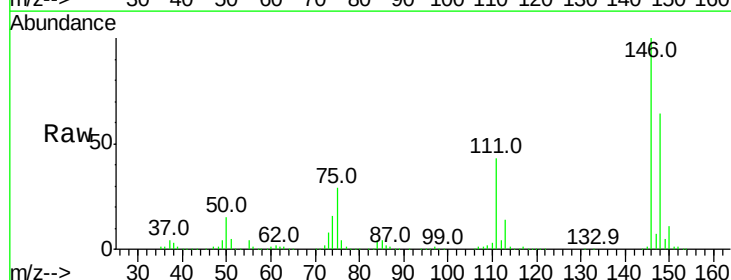
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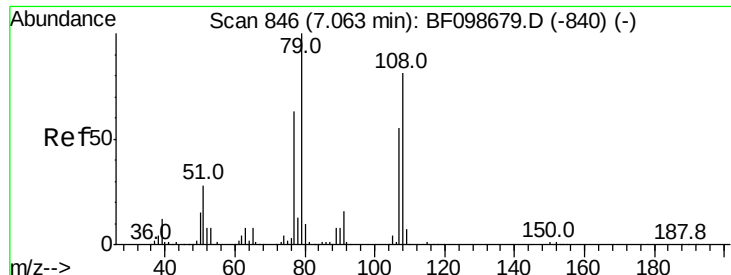
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 46.736 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	43.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 50.691 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

20170660-A-C-1MS

Tot Ion: 79 Resp: 408082

Ion Ratio Lower Upper

79 100

108 84.8 65.1 97.7

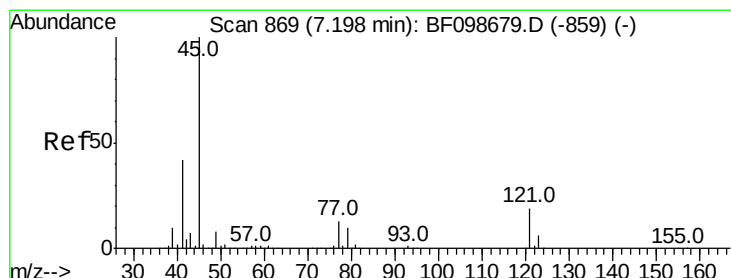
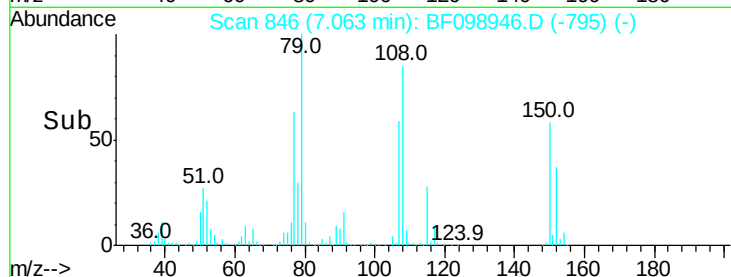
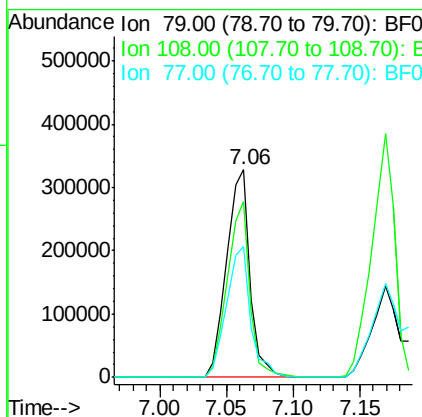
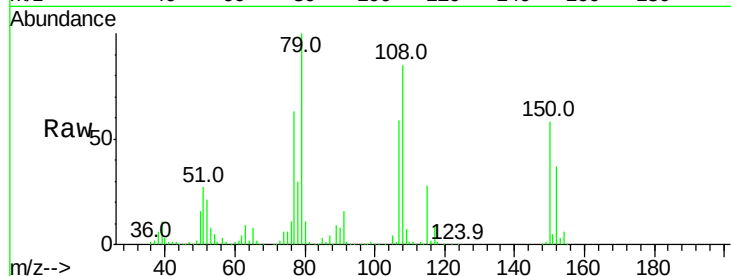
77 63.3 50.6 75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 49.719 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

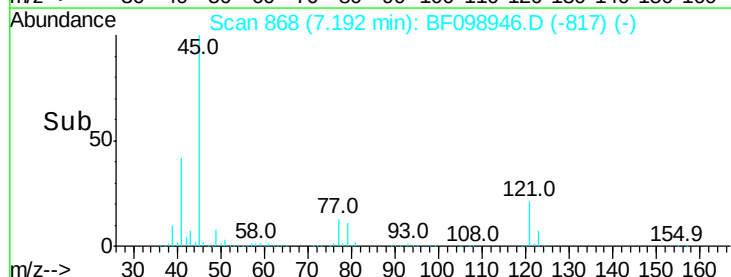
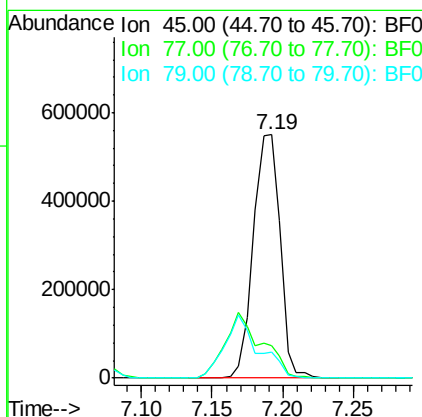
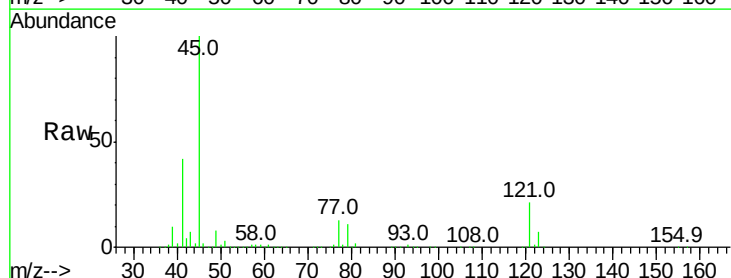
Tgt Ion: 45 Resp: 739066

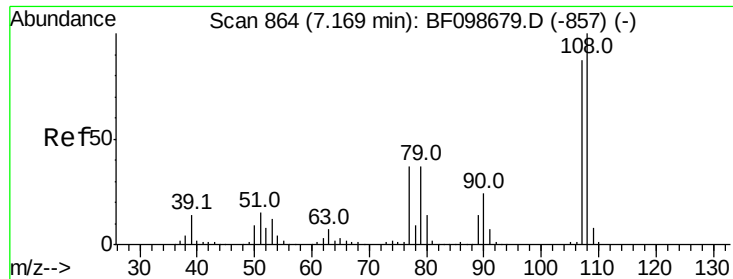
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.9

79 10.7 0.0 29.6





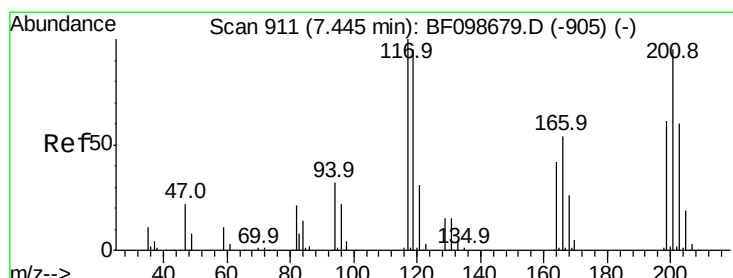
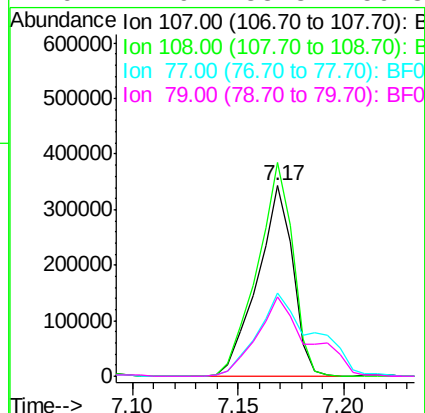
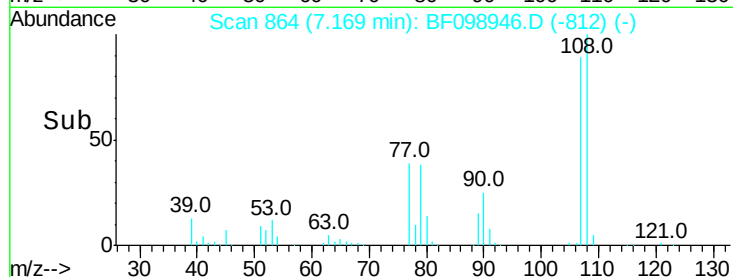
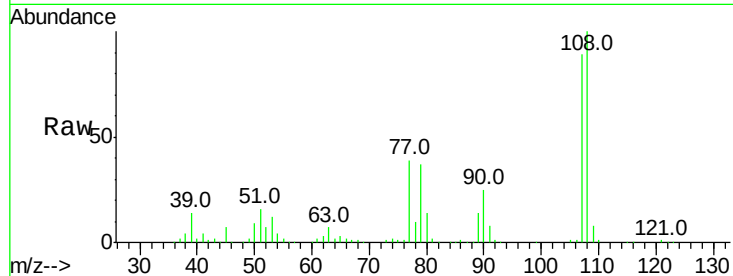
#17
2-Methylphenol
Concen: 48.756 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	401879		
108	108.00	112.3		91.7	137.5
77	77.00	43.5		33.8	50.8
79	79.00	41.9		33.8	50.8

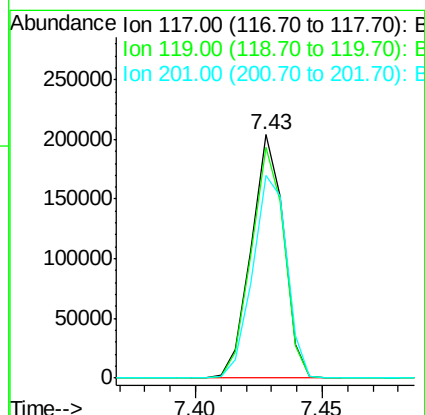
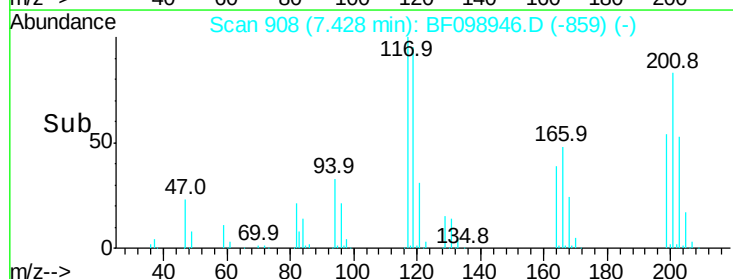
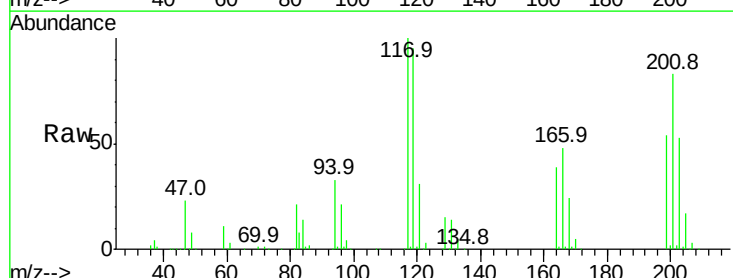
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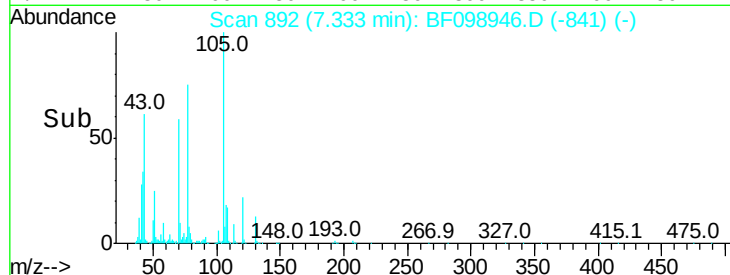
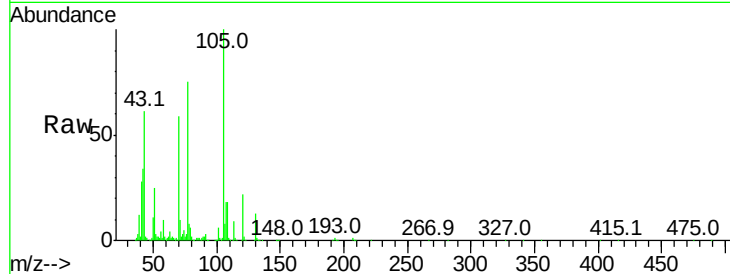
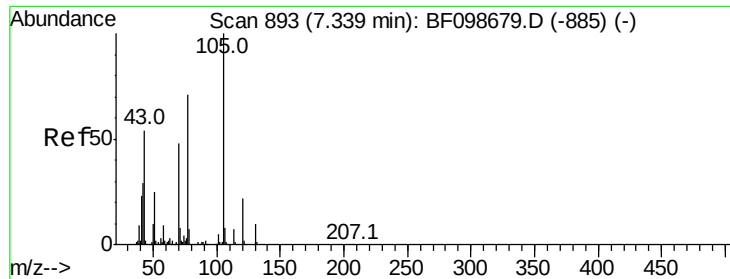
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#18
Hexachloroethane
Concen: 47.523 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	183354		
119	119.00	94.9		75.8	113.8
201	201.00	83.4		75.7	113.5





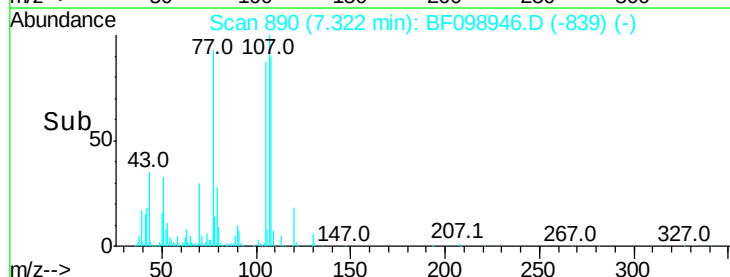
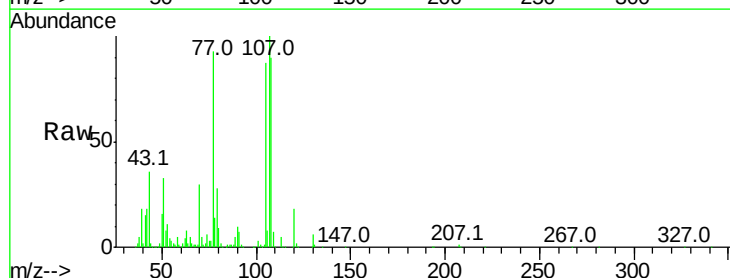
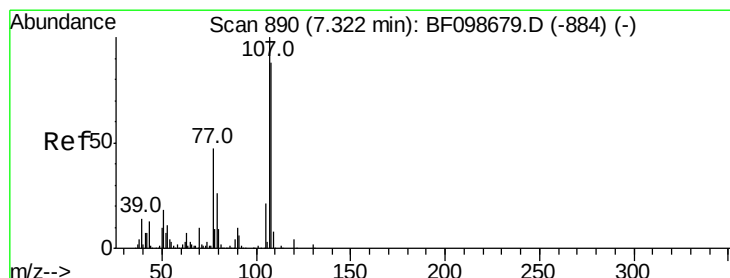
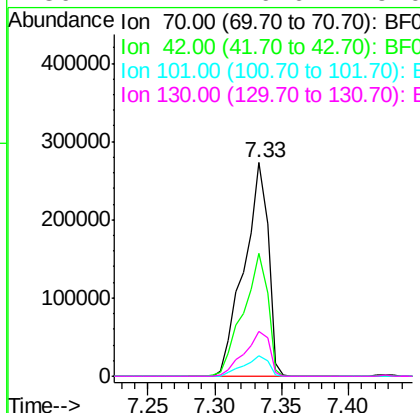
#19
n-Nitroso-di-n-propylamine
Concen: 48.662 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

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

Manual Integrations
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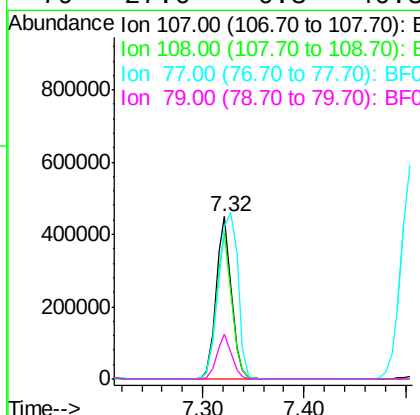
Sohil
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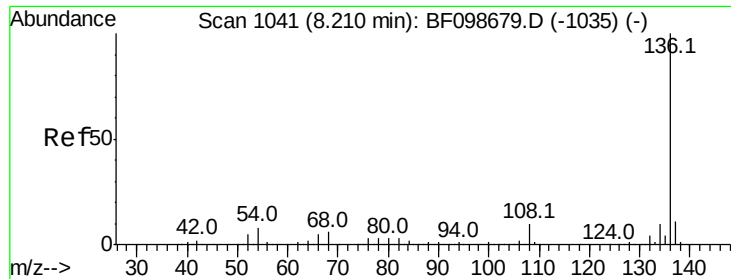
Tot Ion	70	Resp	340933
Ion Ratio	Lower	Upper	
70	100		
42	57.4	47.5	71.3
101	9.4	7.4	11.2
130	21.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 45.153 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion	107	Resp	470835
Ion Ratio	Lower	Upper	
107	100		
108	90.1	68.2	108.2
77	93.4	26.7	66.7#
79	27.6	6.3	46.3





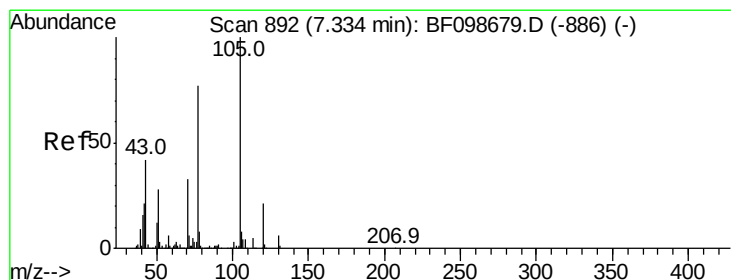
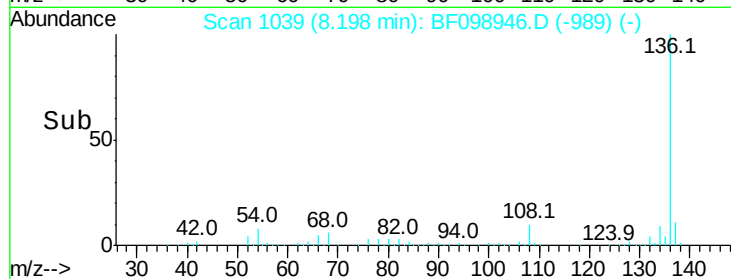
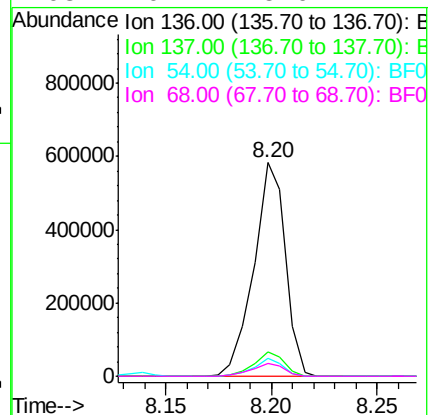
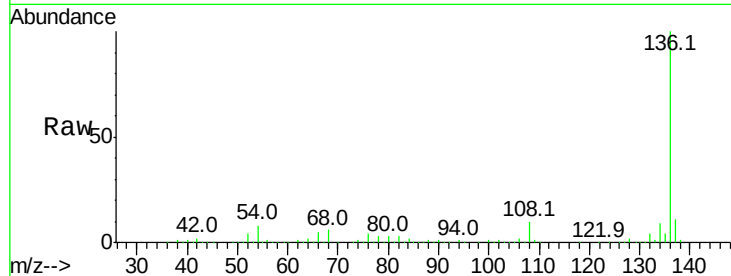
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	607365		
137	11.4		8.9	13.3
54	8.3		6.6	9.8
68	6.1		5.0	7.4

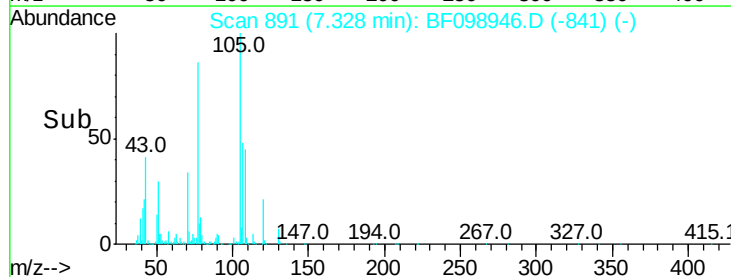
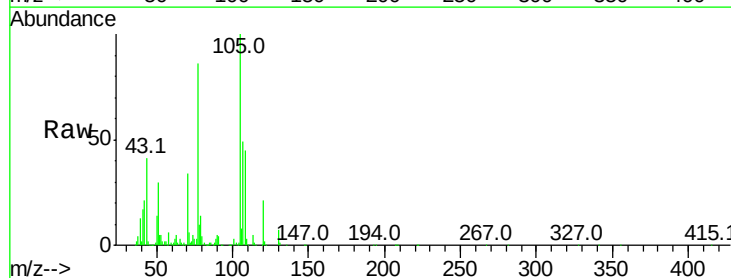
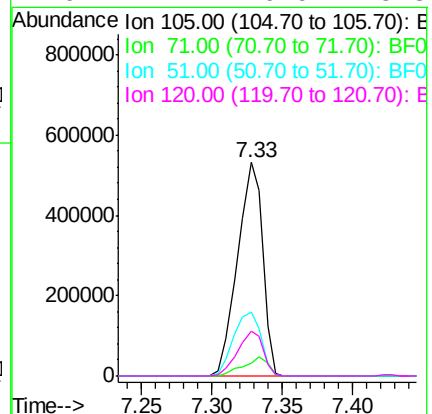
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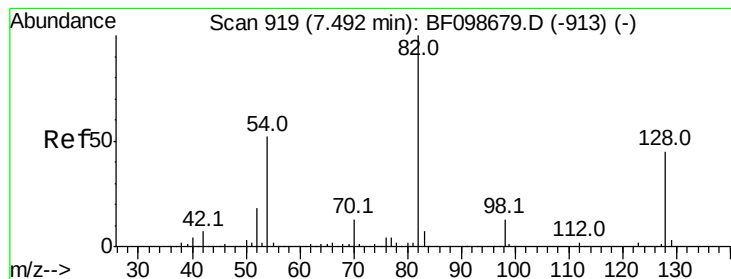
Sohil
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#22
Acetophenone
Concen: 44.837 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	659789		
71	5.9		4.4	6.6
51	29.8		22.3	33.5
120	21.1		16.9	25.3





#23

Nitrobenzene-d5

Concen: 109.084 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

20170660-A-C-1MS

Tot Ion: 82 Resp: 1033119

Ion Ratio Lower Upper

82 100

128 46.5 36.1 54.1

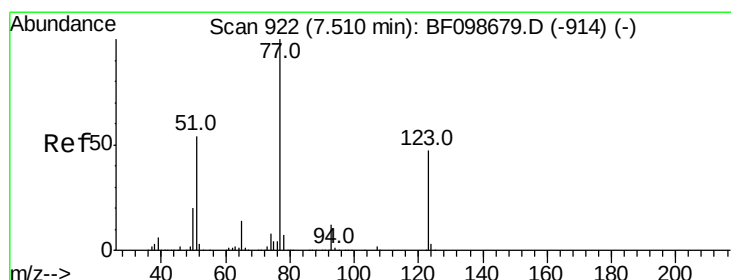
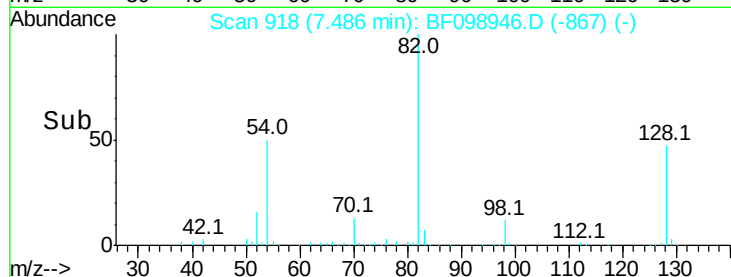
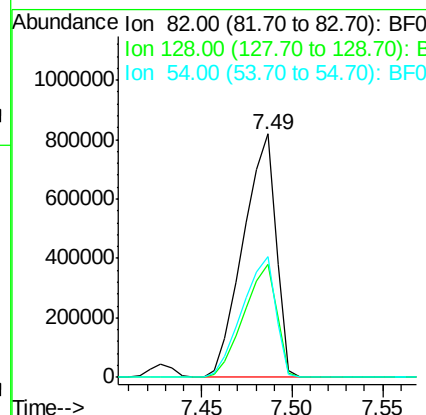
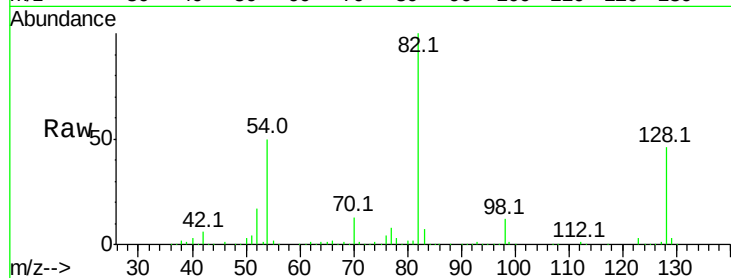
54 49.6 41.4 62.2

Manual Integrations

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#24

Nitrobenzene

Concen: 47.808 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

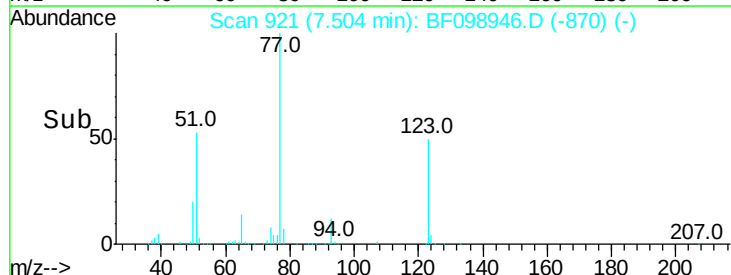
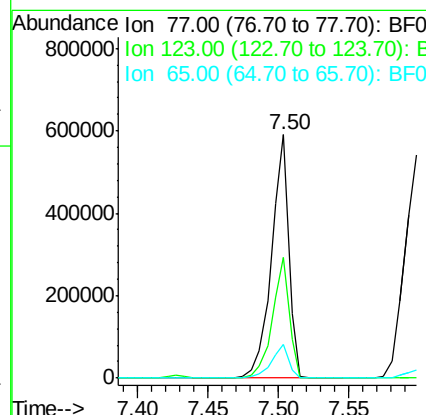
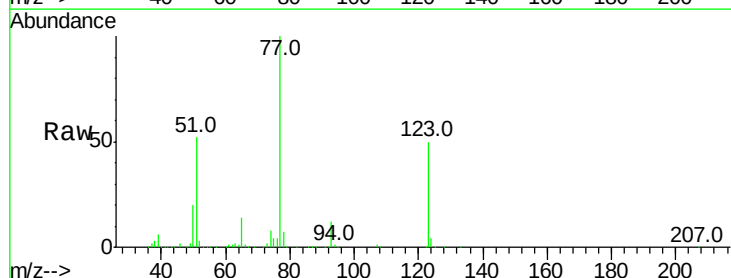
Tgt Ion: 77 Resp: 513617

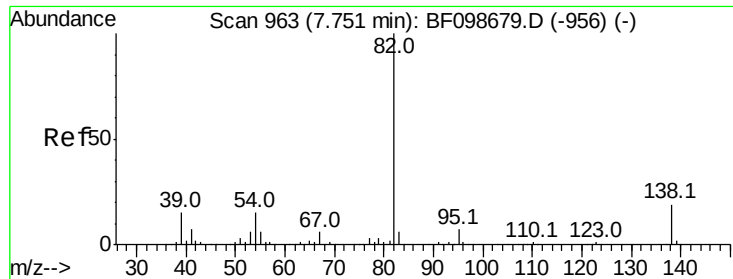
Ion Ratio Lower Upper

77 100

123 49.6 37.9 56.9

65 14.0 11.0 16.4





#25

Isophorone

Concen: 49.809 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

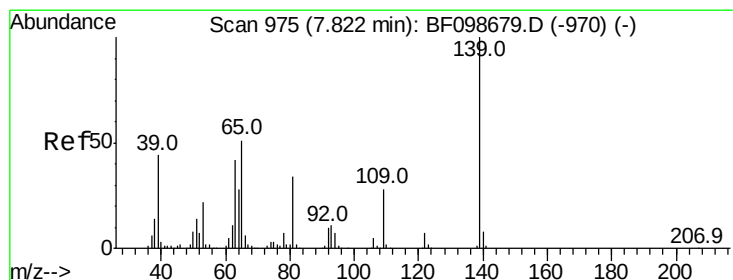
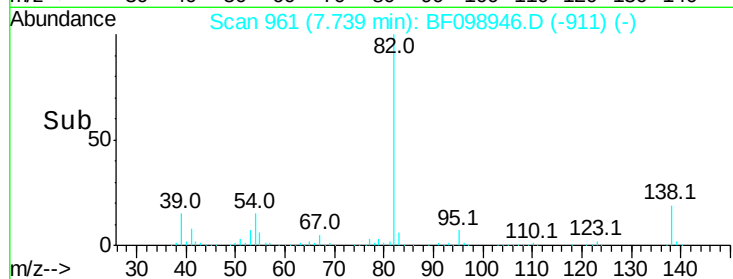
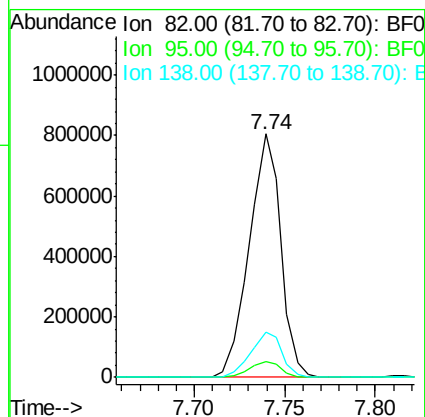
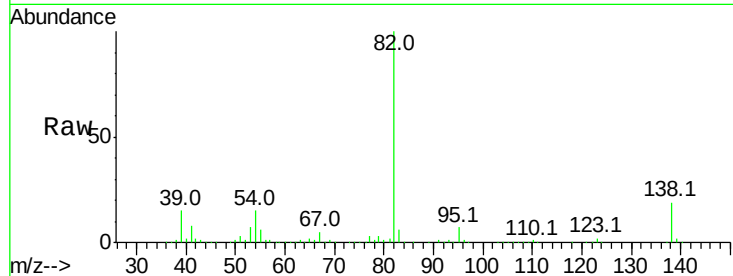
ClientSampleId :

20170660-A-C-1MS

Tot Ion:	82	Resp:	975317
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	18.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.045 ng

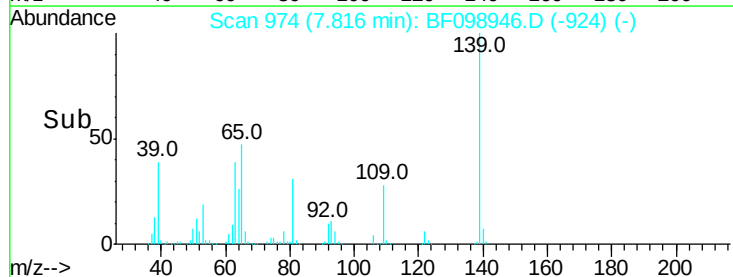
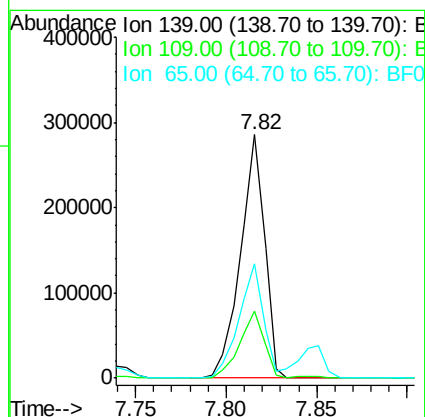
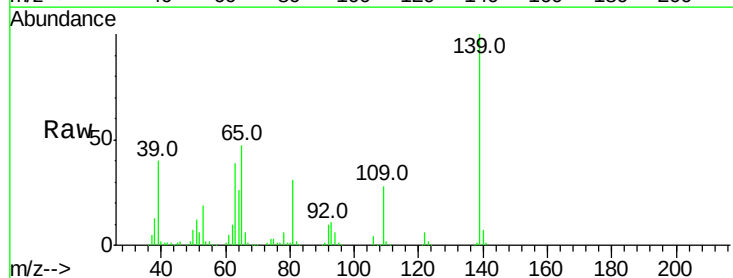
RT: 7.82 min Scan# 974

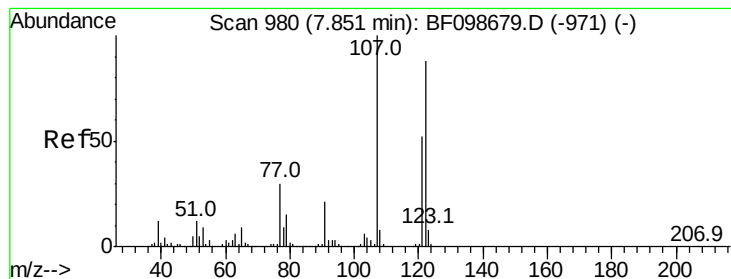
Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Tgt Ion:	139	Resp:	263711
Ion Ratio	Lower	Upper	
139	100		
109	27.6	22.7	34.1
65	46.9	40.5	60.7





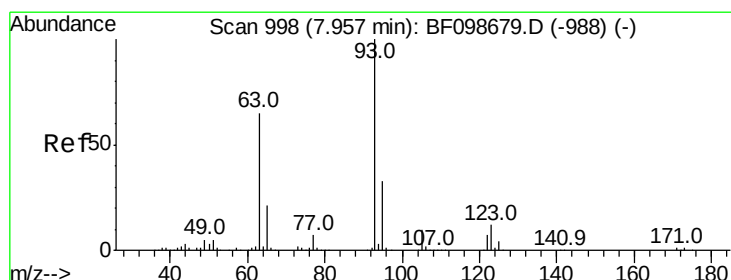
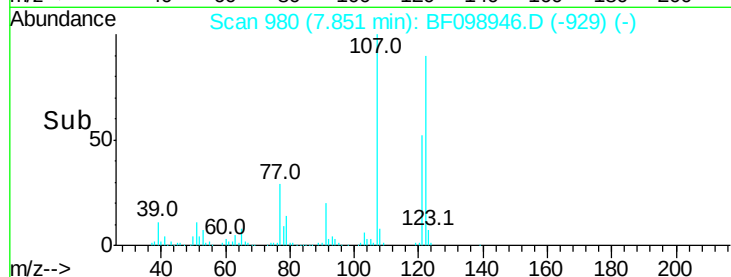
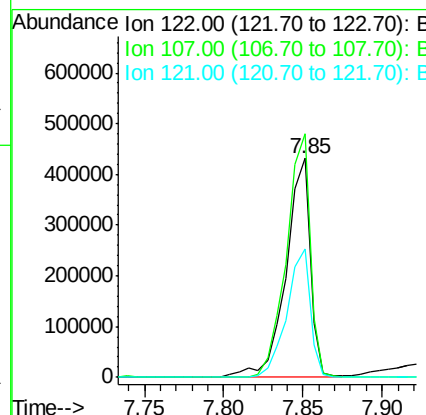
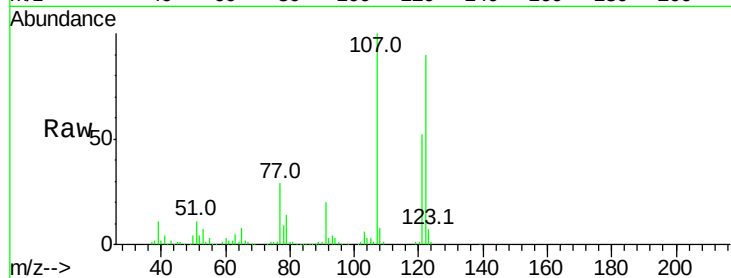
#27
 2,4-Dimethylphenol
 Concen: 47.319 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	91.2	136.8
121	58.4	47.2	70.8

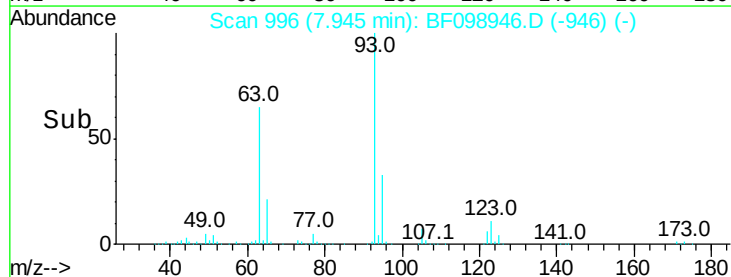
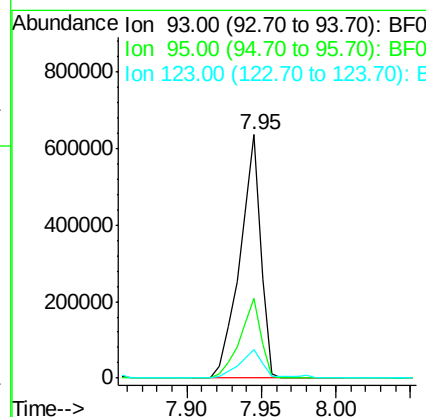
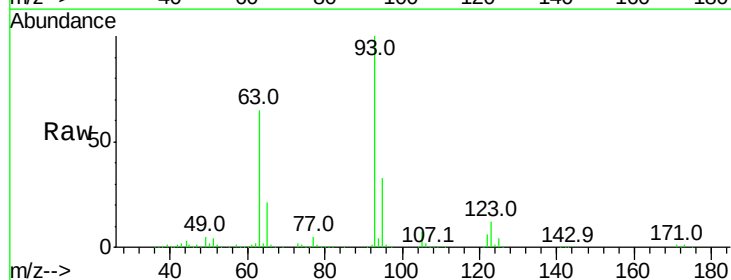
Manual Integrations
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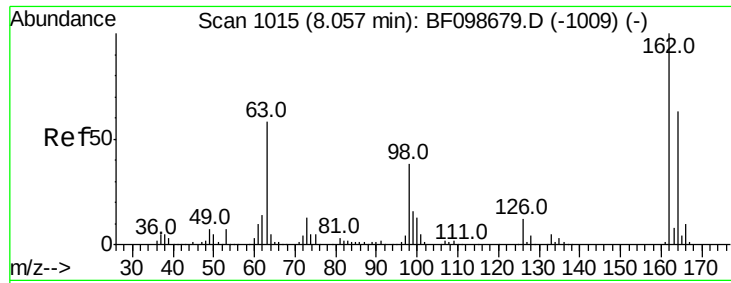
Sohil
 10/2/2017 5:38:47 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.955 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.5	9.8	14.6





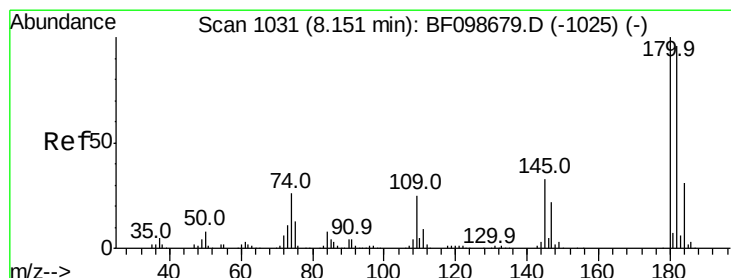
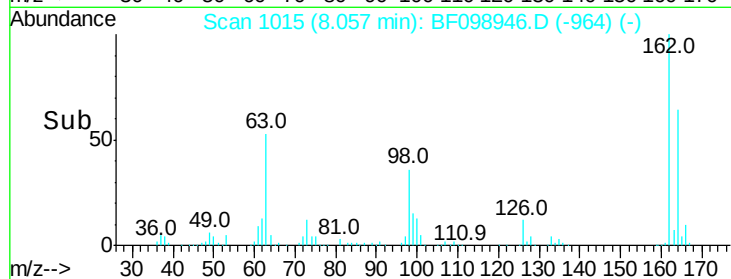
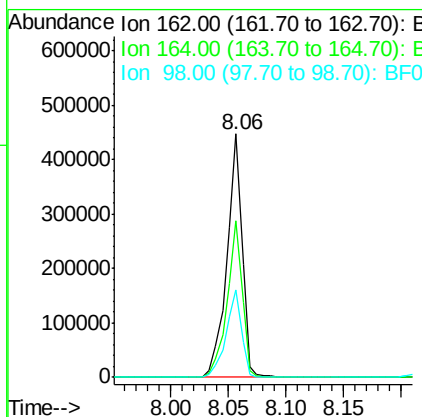
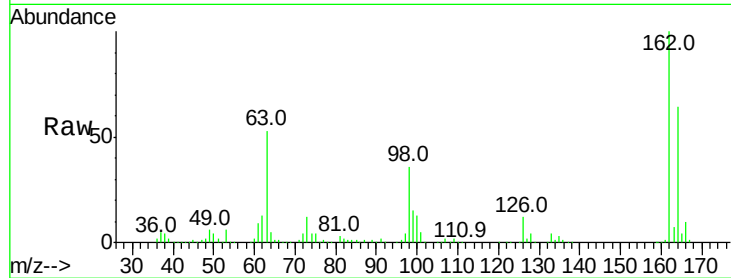
#29
2,4-Dichlorophenol
Concen: 48.895 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.3	42.7	82.7	
98	35.9	18.1	58.1	

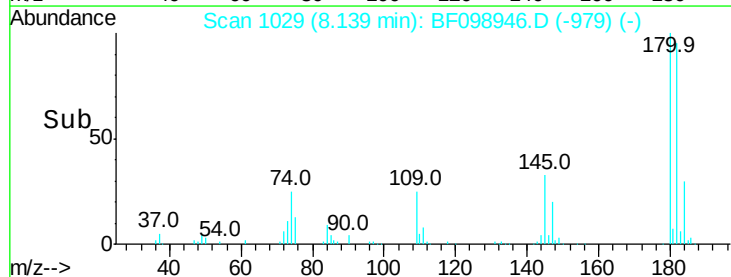
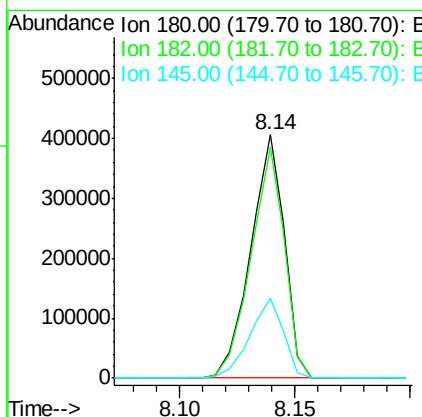
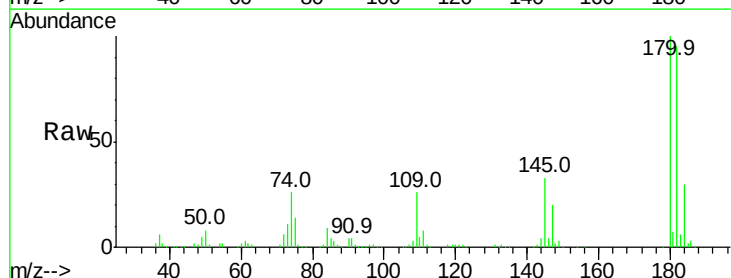
Manual Integrations
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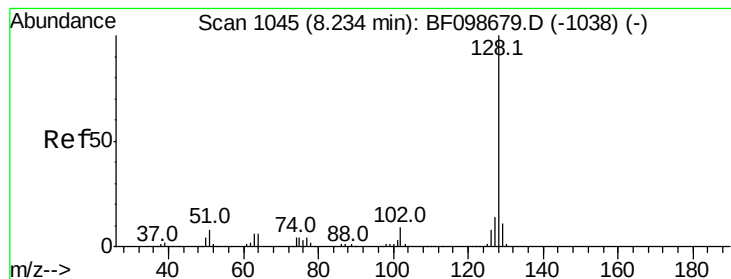
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 49.066 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	76.8	115.2	
145	32.9	26.5	39.7	





#31

Naphthalene

Concen: 48.948 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

20170660-A-C-1MS

Tot Ion:128 Resp: 1396277

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

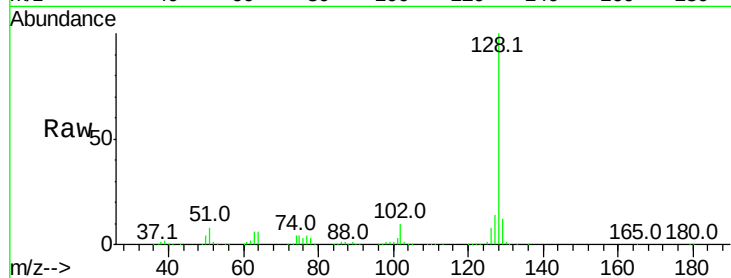
127 13.7 10.9 16.3

Manual Integrations

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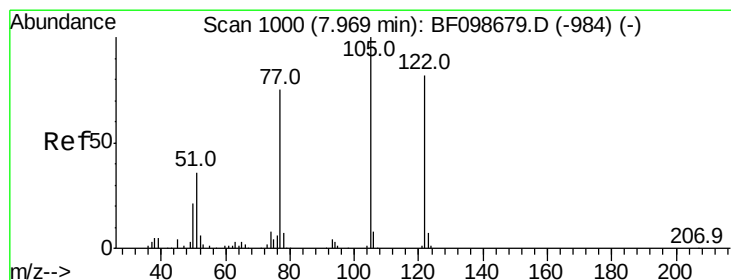
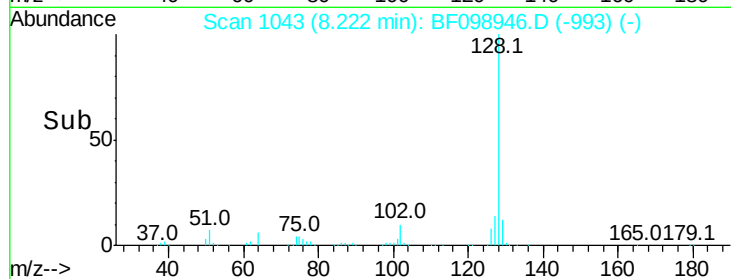
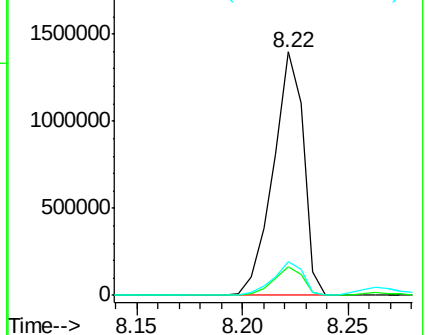
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 30.190 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

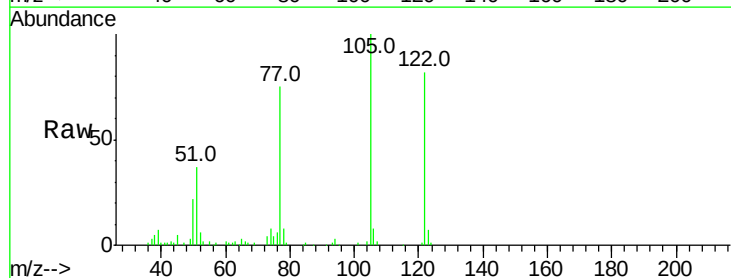
Tgt Ion:122 Resp: 241951

Ion Ratio Lower Upper

122 100

105 121.3 101.1 141.1

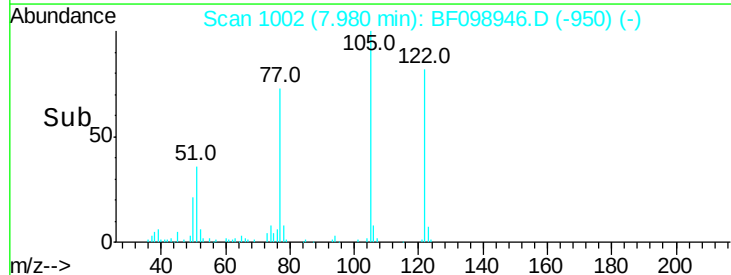
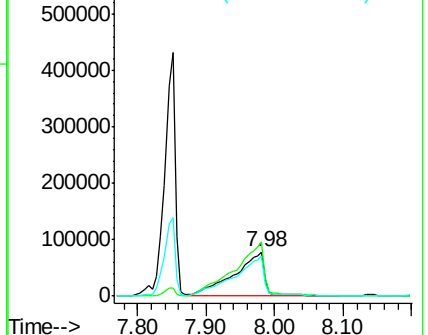
77 91.3 70.7 110.7

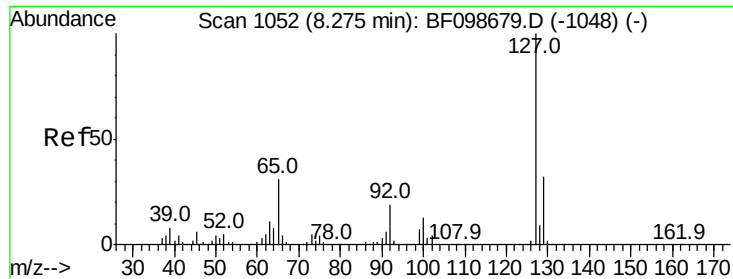


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





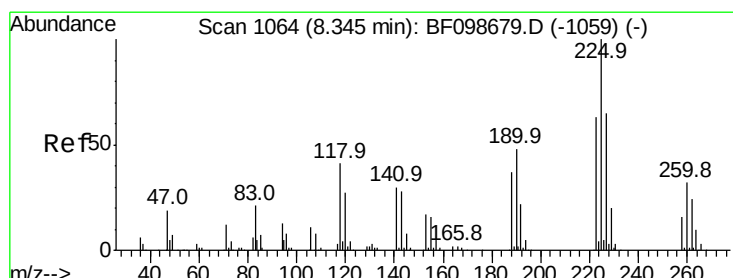
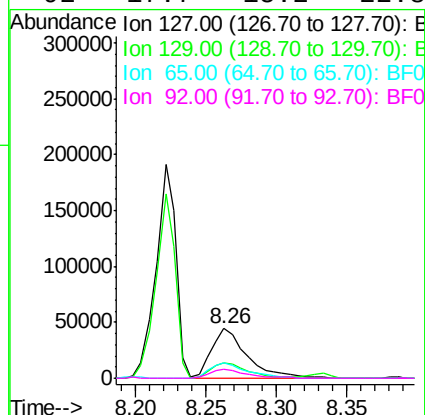
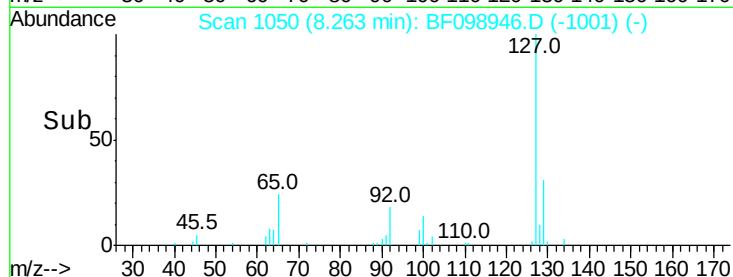
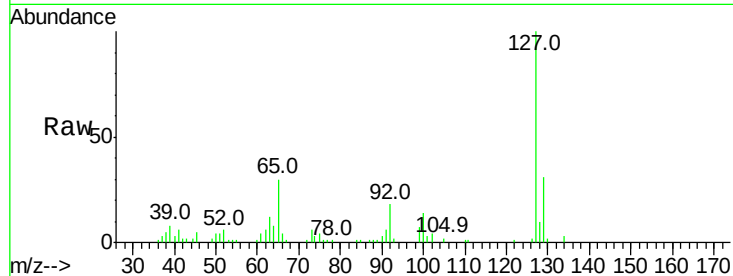
#33
4-Chloroaniline
Concen: 6.477 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.6	25.9	38.9		
65	30.2	25.0	37.4		
92	17.7	15.2	22.8		

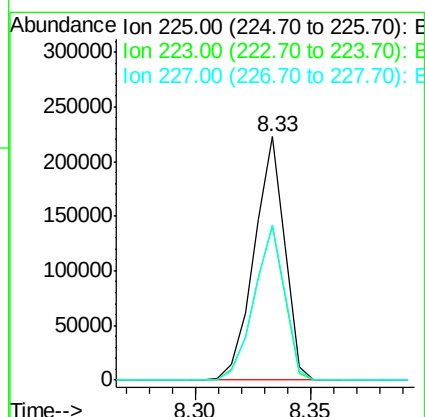
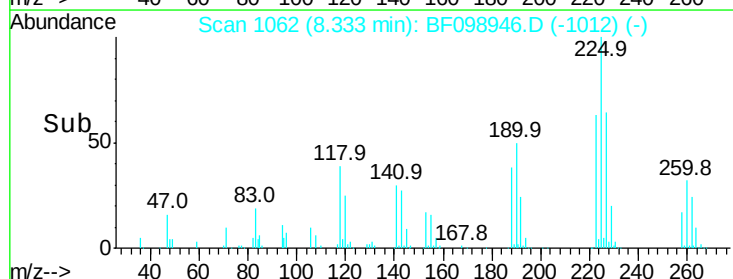
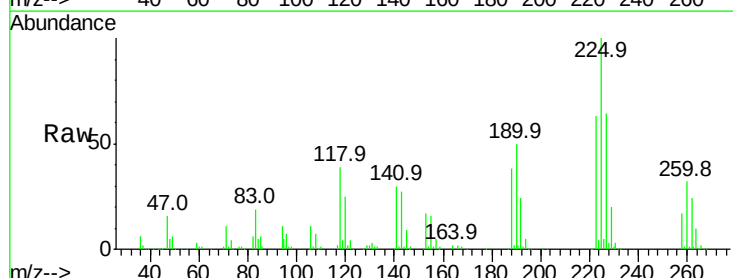
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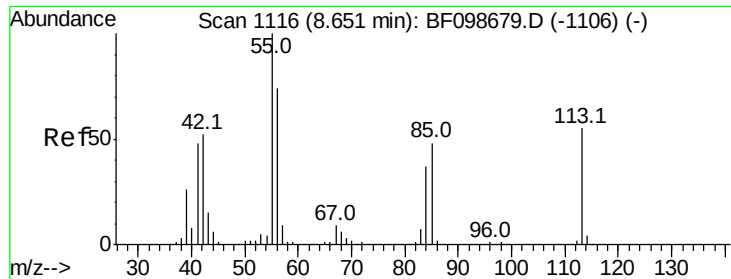
Sohil
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#34
Hexachlorobutadiene
Concen: 47.600 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	50.6	76.0		
227	63.6	51.9	77.9		





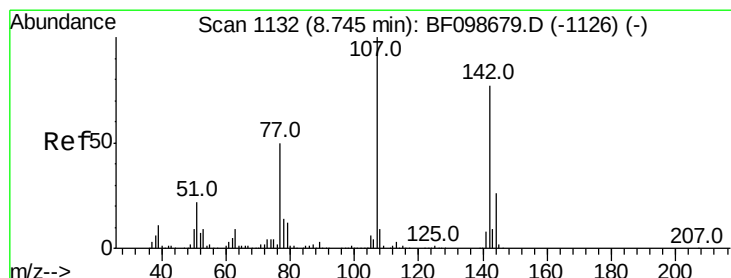
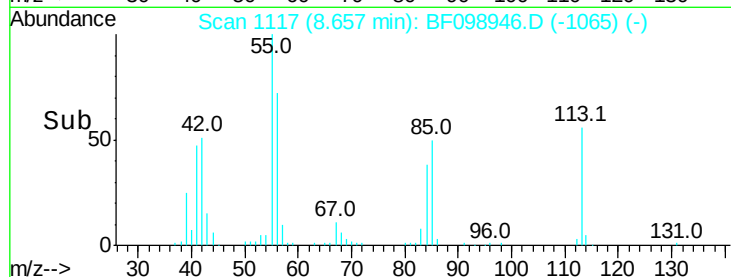
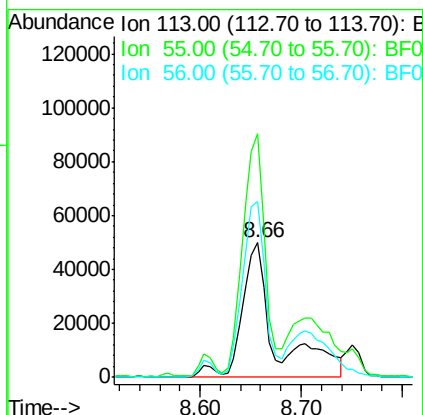
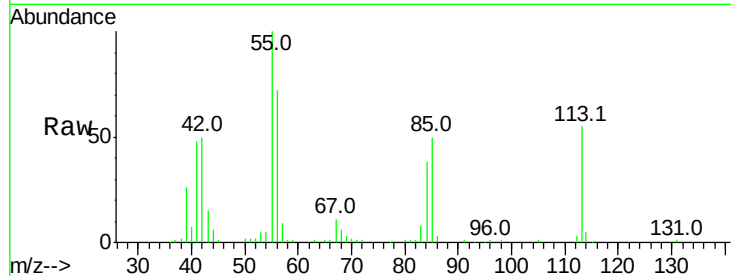
#35
 Caprolactam
 Concen: 43.060 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	180.8	163.3	203.3		
56	130.2	115.7	155.7		

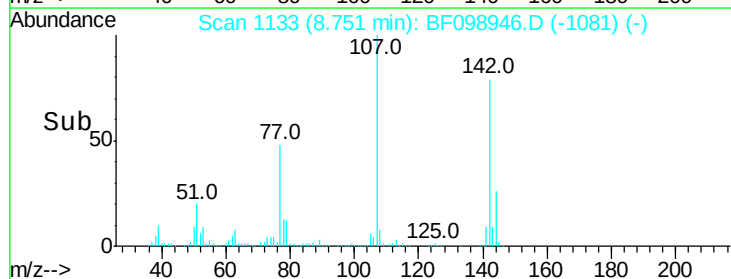
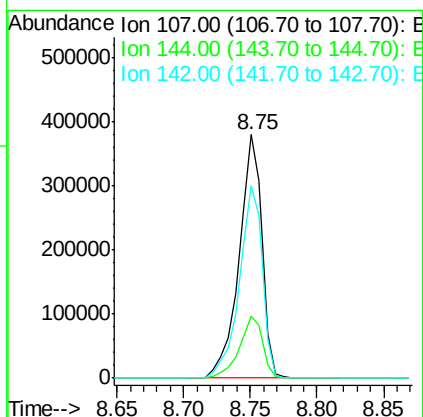
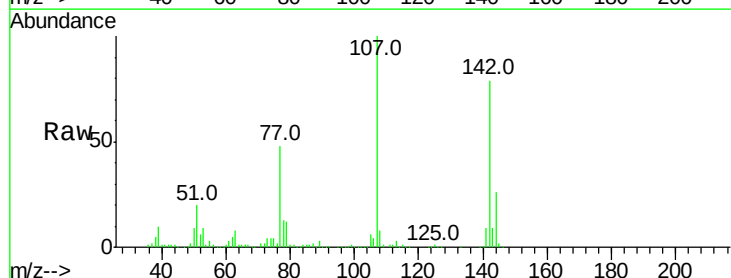
Manual Integrations
 APPROVED

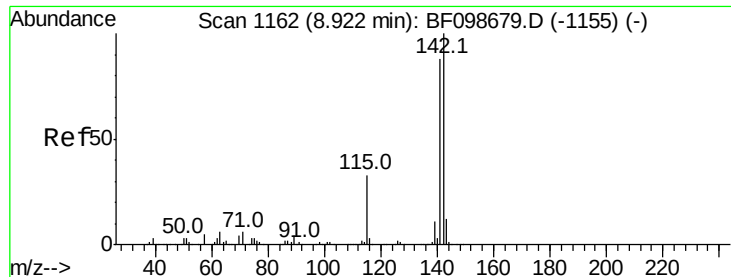
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 10/2/2017 5:38:47 PM



#36
 4-Chloro-3-methylphenol
 Concen: 47.618 ng/ml
 RT: 8.75 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.5	20.5	30.7		
142	79.2	62.0	93.0		





#37

2-Methylnaphthalene

Concen: 52.308 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

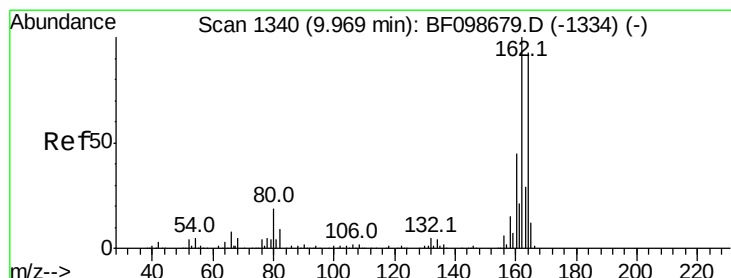
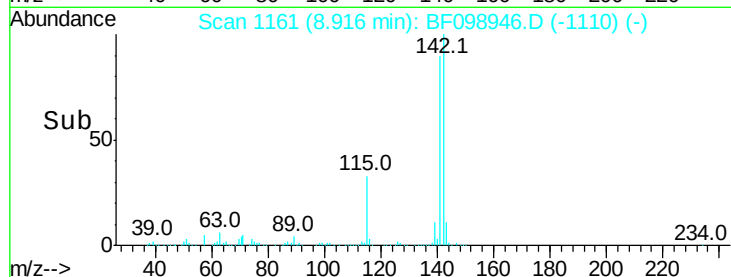
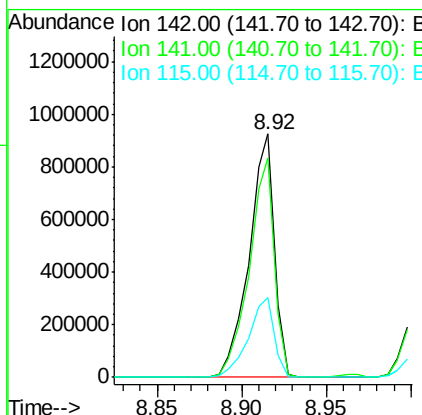
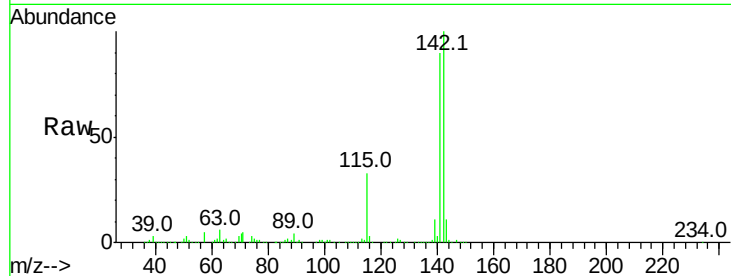
Instrument :
BNA_F

ClientSampleId :
20170660-A-C-1MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	969993		
141	90.0		70.8	106.2
115	32.6		26.1	39.1

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

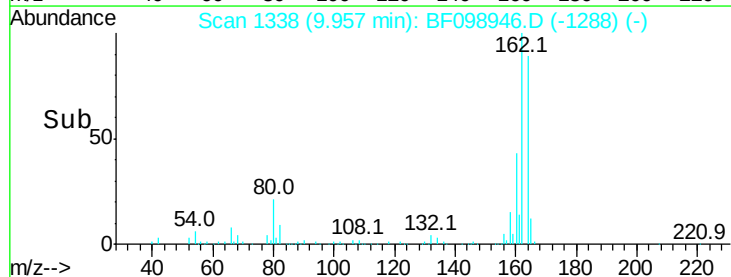
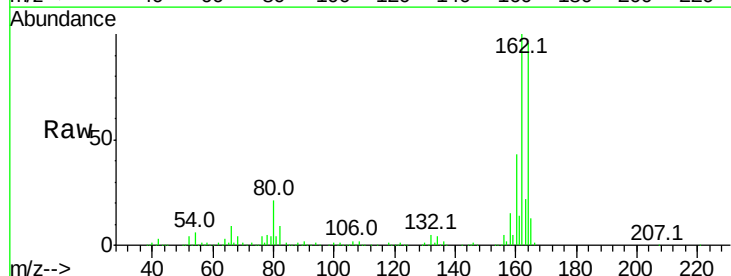
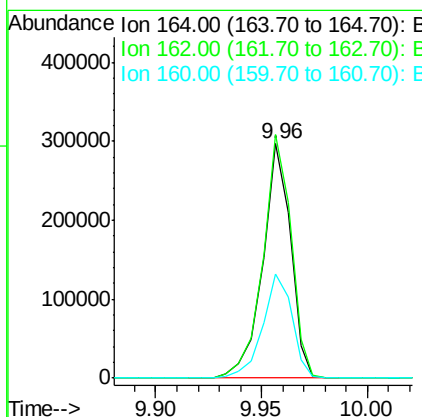
RT: 9.96 min Scan# 1338

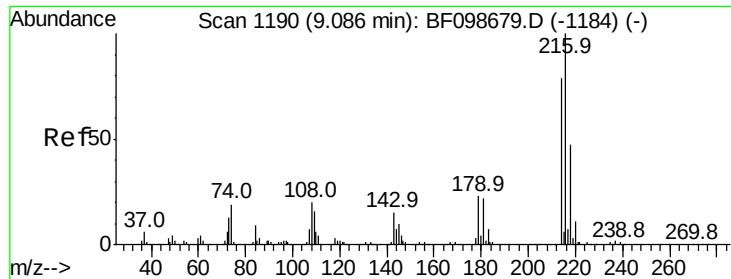
Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	274512		
162	103.8		86.1	129.1
160	44.6		38.3	57.5





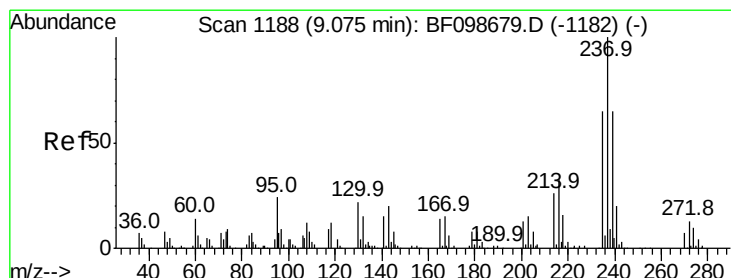
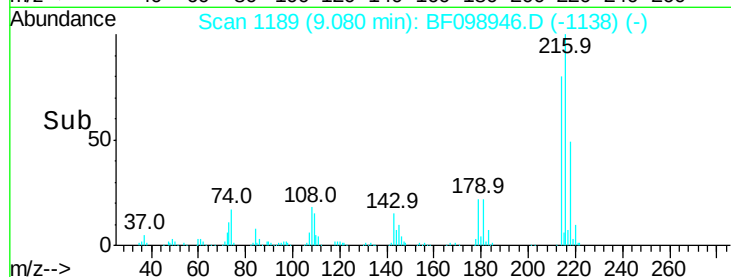
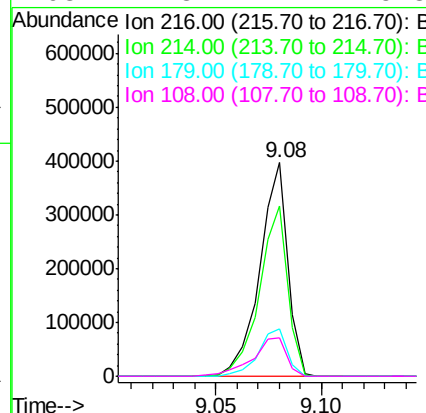
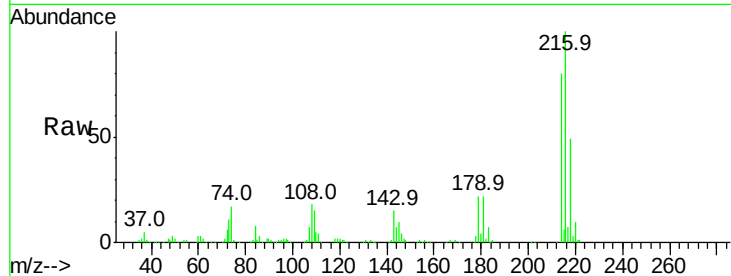
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.906 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Resp	Lower	Upper
216	100	367631		
214	80.2	63.0	94.4	
179	22.9	18.1	27.1	
108	22.3	17.2	25.8	

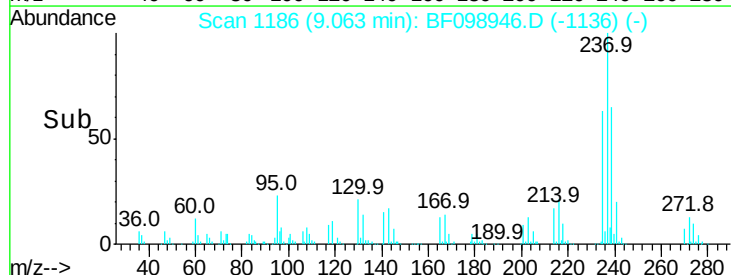
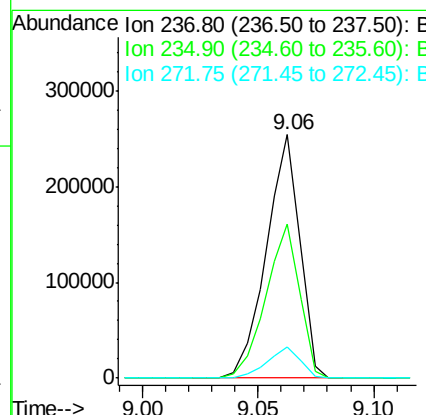
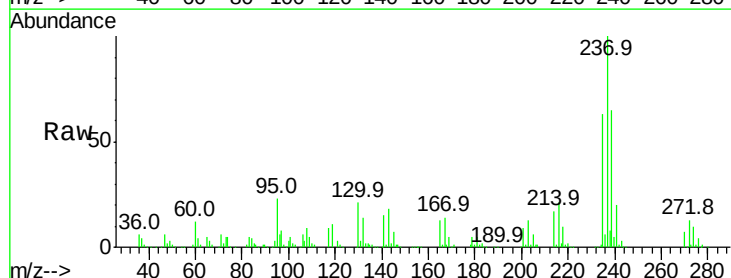
Manual Integrations
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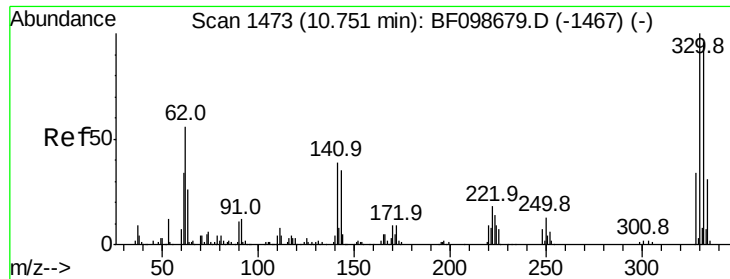
Sohil
 10/2/2017 5:38:47 PM



#40
 Hexachlorocyclopentadiene
 Concen: 68.364 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	255771		
235	63.5	44.8	84.8	
272	12.7	0.0	33.3	





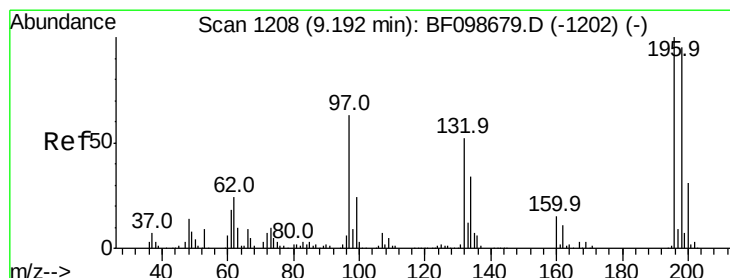
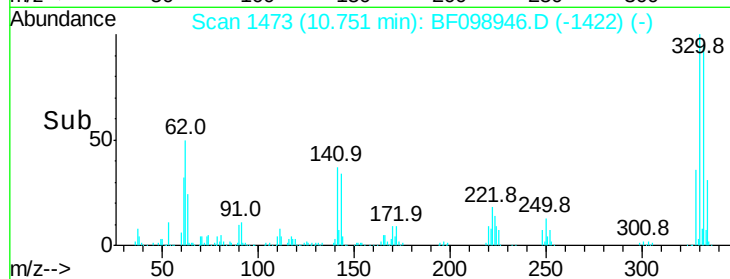
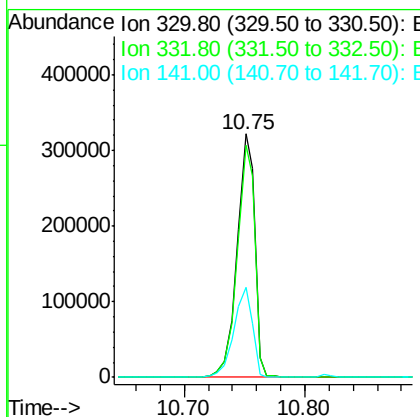
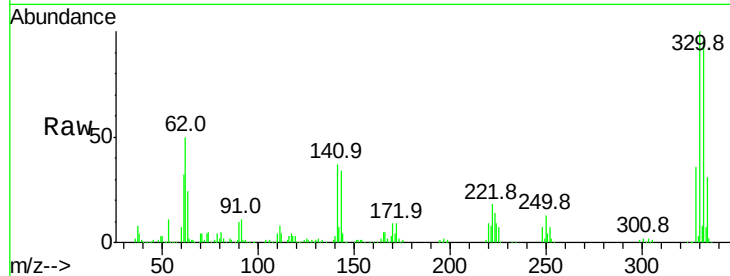
#41
 2,4,6-Tribromophenol
 Concen: 147.038 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	77.0	115.6	
141	39.2	29.9	44.9	

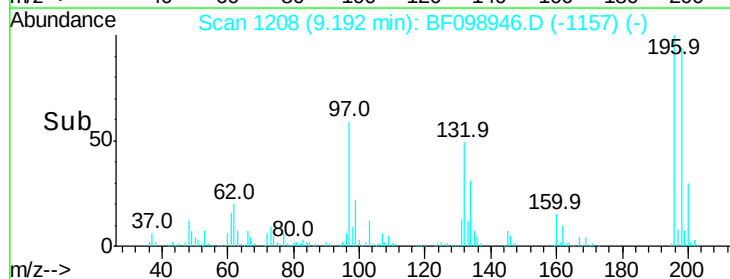
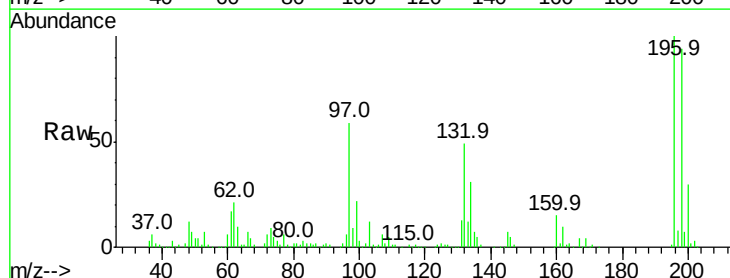
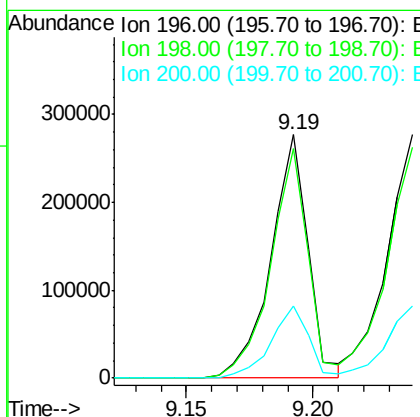
Manual Integrations
 APPROVED

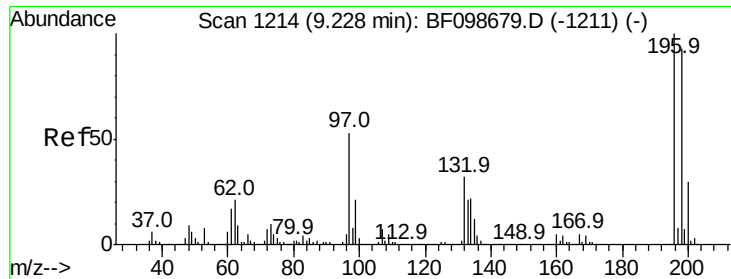
Sohil
 10/2/2017 5:38:47 PM



#42
 2,4,6-Trichlorophenol
 Concen: 48.308 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.1	75.7	113.5	
200	29.7	24.5	36.7	





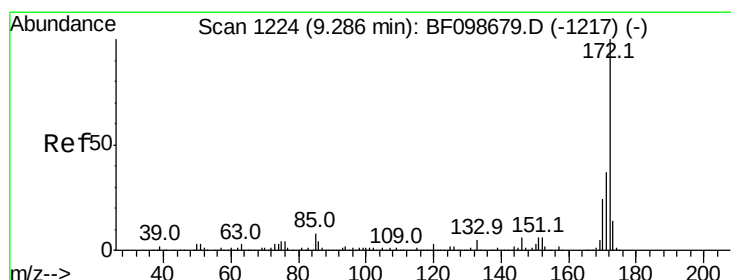
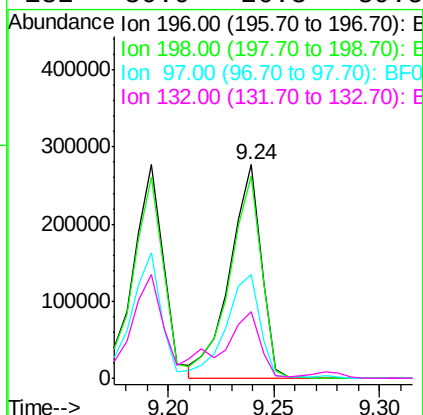
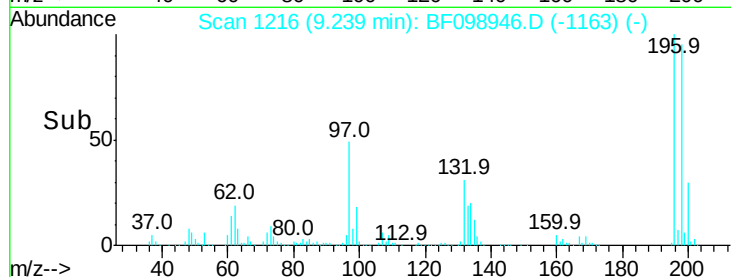
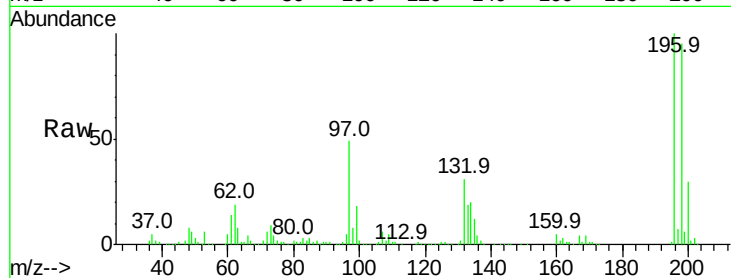
#43
 2,4,5-Trichlorophenol
 Concen: 49.217 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	284946		
198	94.8		74.6	112.0
97	48.7		42.9	64.3
132	30.9		26.3	39.5

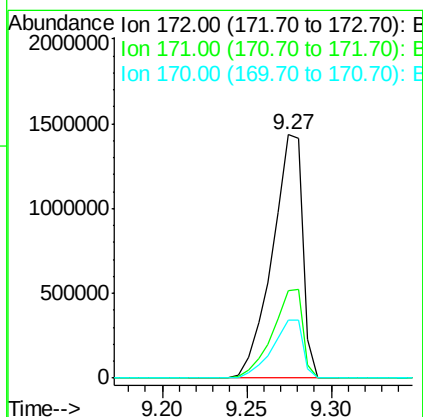
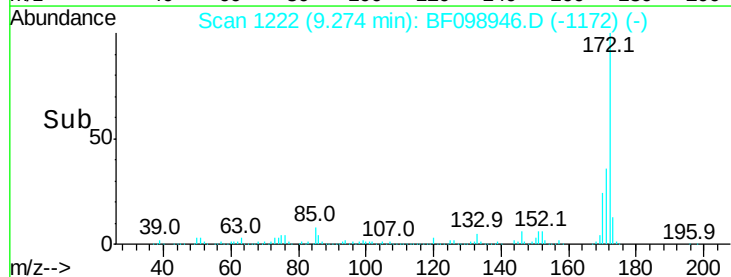
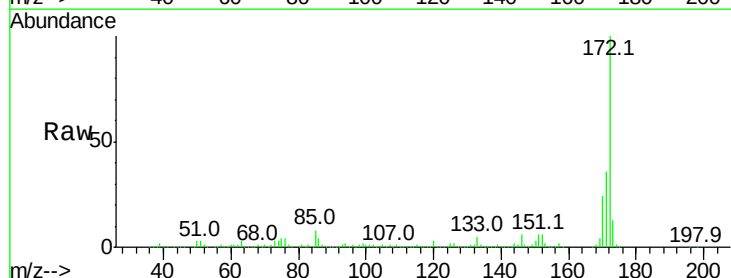
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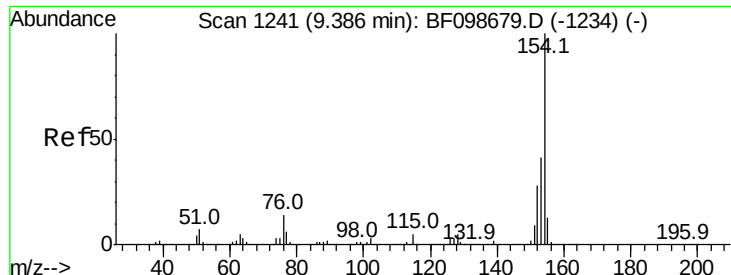
Sohil
 10/2/2017 5:38:47 PM



#44
 2-Fluorobiphenyl
 Concen: 109.171 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1795156		
171	36.0		29.7	44.5
170	24.0		19.6	29.4





#45

1,1'-Biphenyl

Concen: 46.566 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

20170660-A-C-1MS

Tot Ion:154 Resp: 1098621

Ion Ratio Lower Upper

154 100

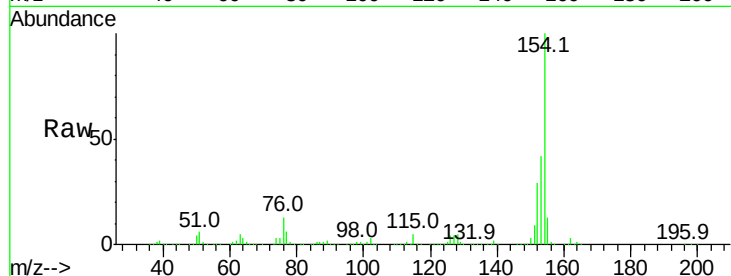
153 41.6 21.3 61.3

76 13.1 0.0 34.0

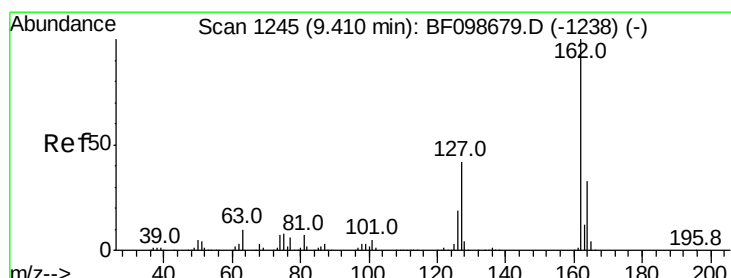
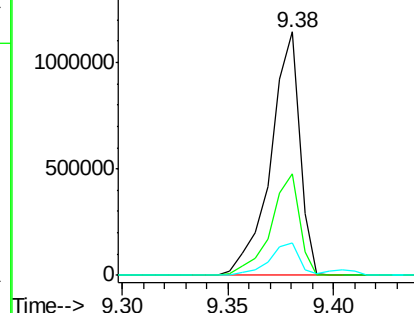
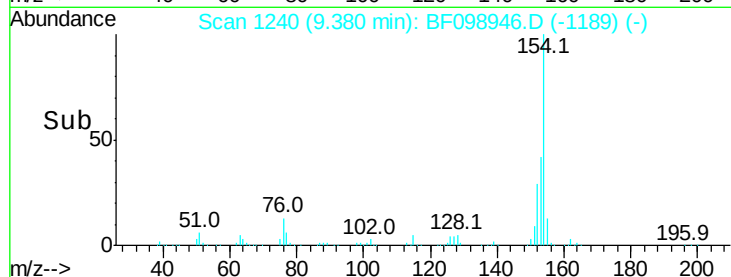
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO



#46

2-Chloronaphthalene

Concen: 49.317 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

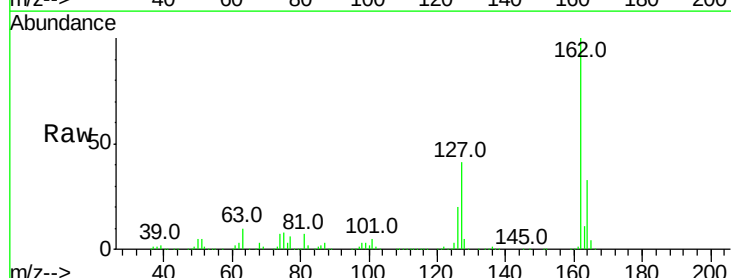
Tgt Ion:162 Resp: 873596

Ion Ratio Lower Upper

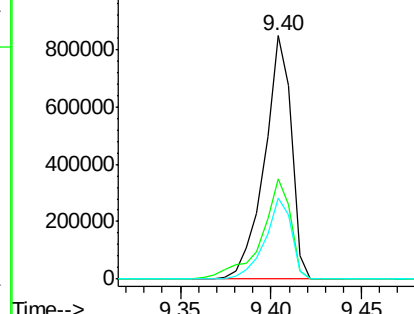
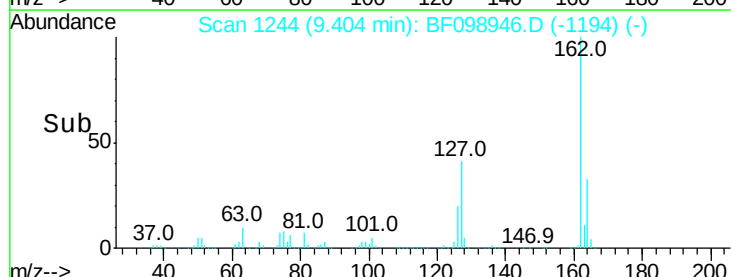
162 100

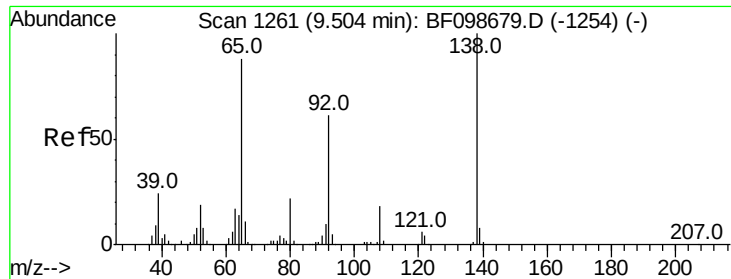
127 41.3 33.9 50.9

164 33.1 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.073 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

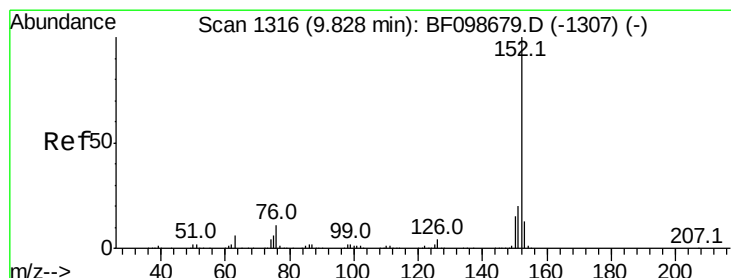
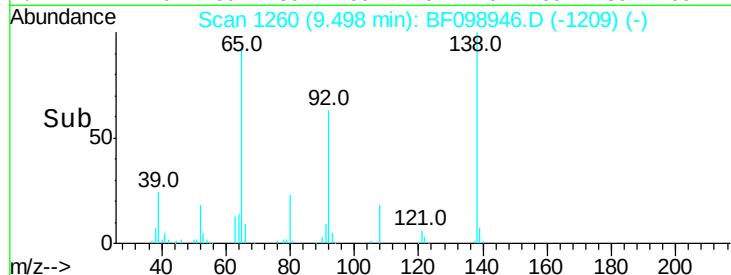
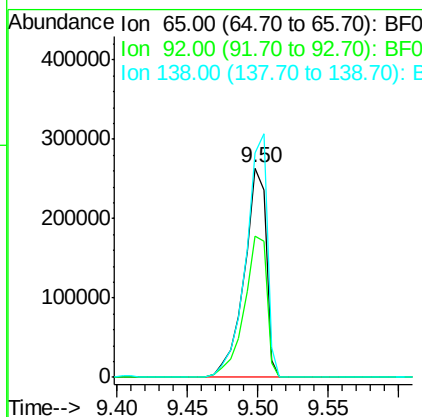
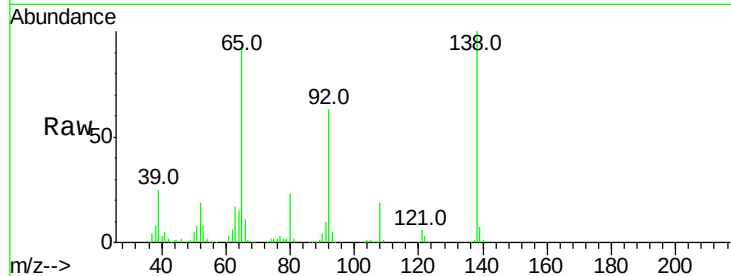
ClientSampleId :

20170660-A-C-1MS

Tot Ion:	65	Resp:	287866
Ion Ratio	Lower	Upper	
65	100		
92	67.5	55.8	83.6
138	107.5	91.2	136.8

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#48

Acenaphthylene

Concen: 48.886 ng

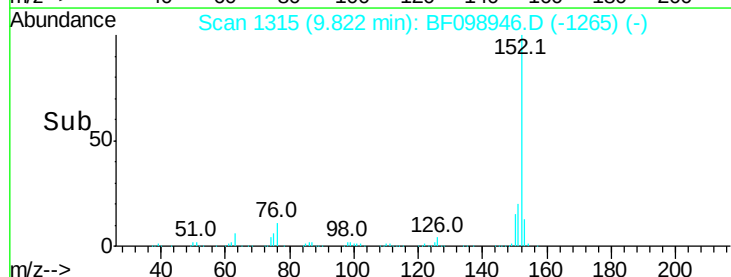
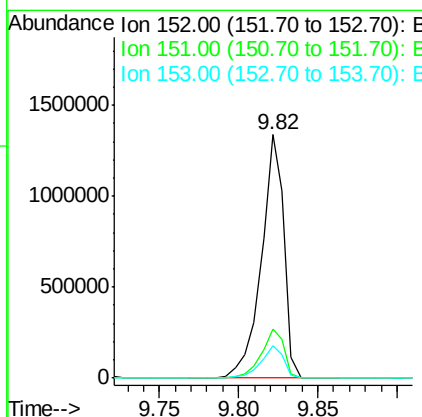
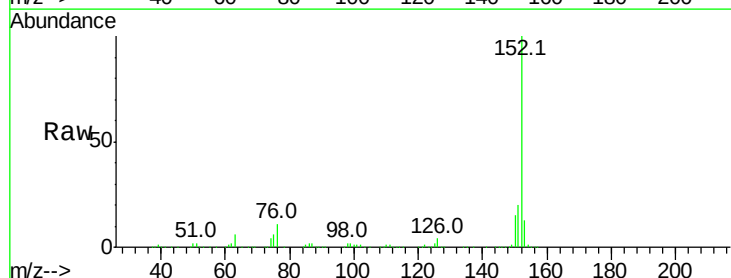
RT: 9.82 min Scan# 1315

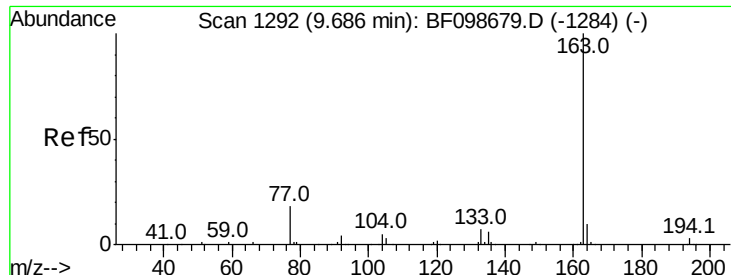
Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Tgt Ion:	152	Resp:	1325643
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	13.3	10.7	16.1





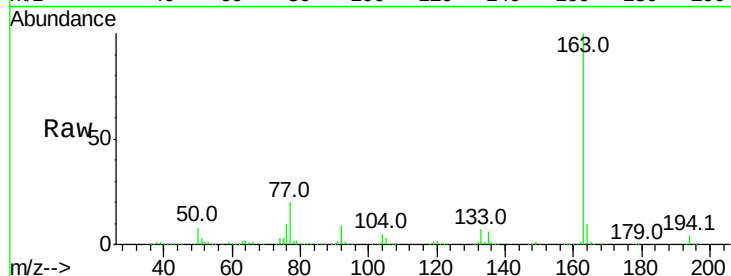
#49
Dimethylphthalate
Concen: 53.775 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

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

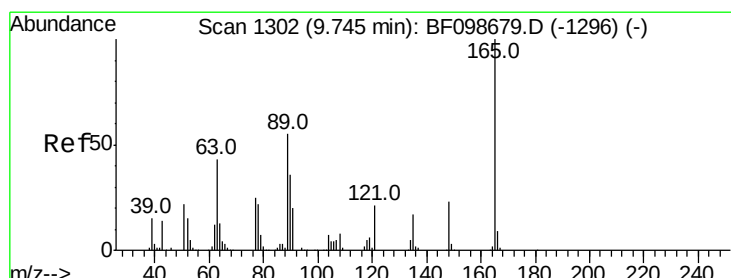
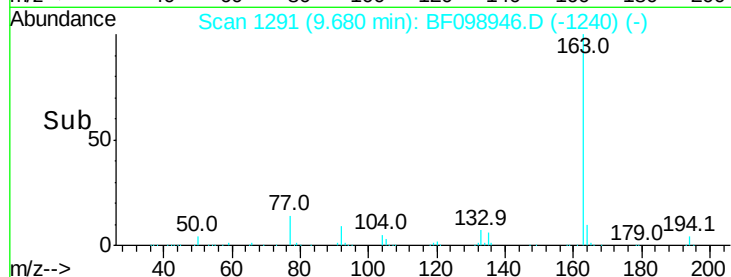
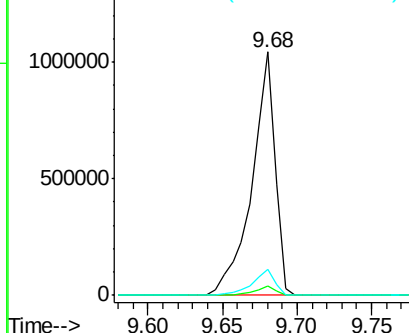
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.5	8.2	12.2

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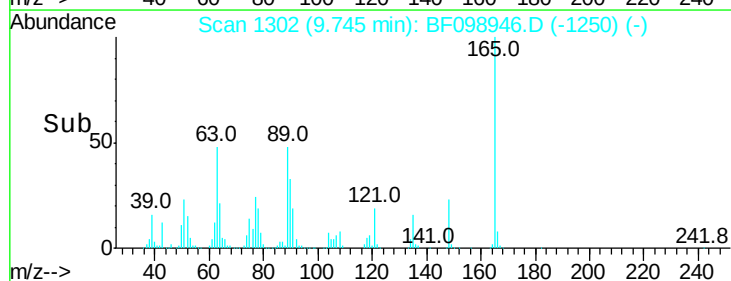
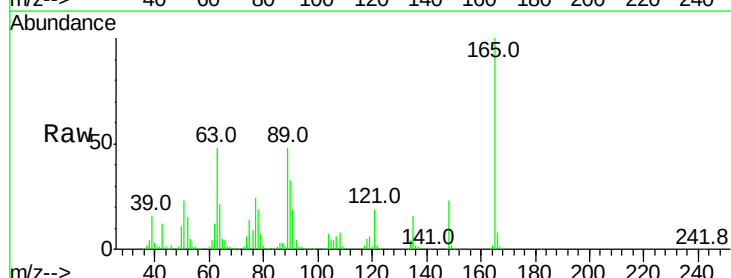
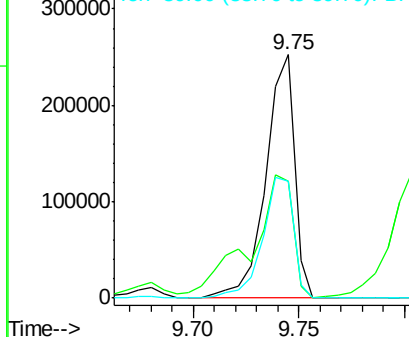
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

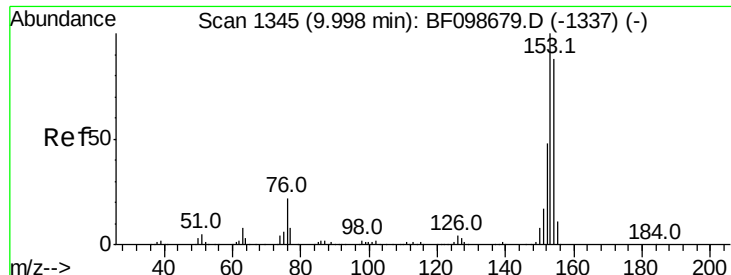


#50
2,6-Dinitrotoluene
Concen: 52.927 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	48.0	44.7	67.1
89	48.1	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: 46.516 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

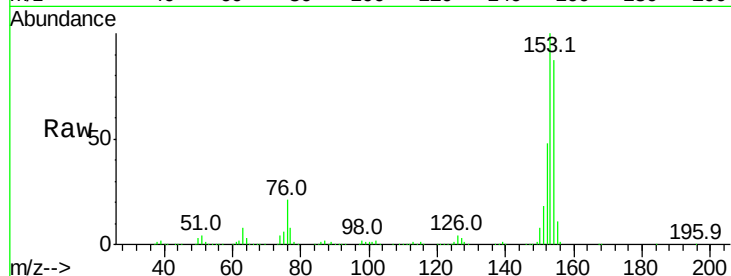
ClientSampleId :

20170660-A-C-1MS

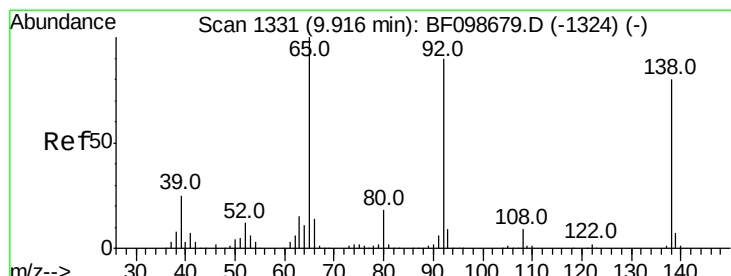
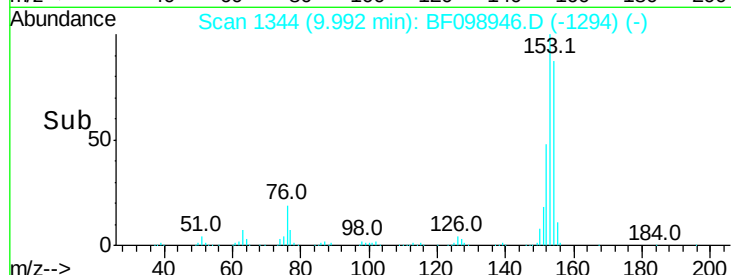
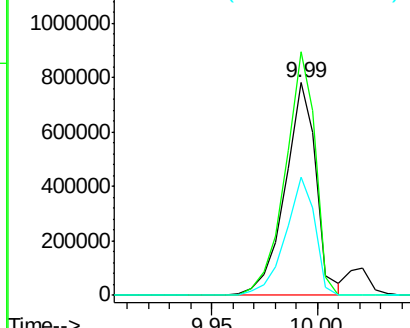
Tot Ion:	154	Resp:	799016
Ion Ratio	Lower	Upper	
154	100		
153	114.4	91.2	136.8
152	55.3	43.8	65.8

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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: 10.764 ng

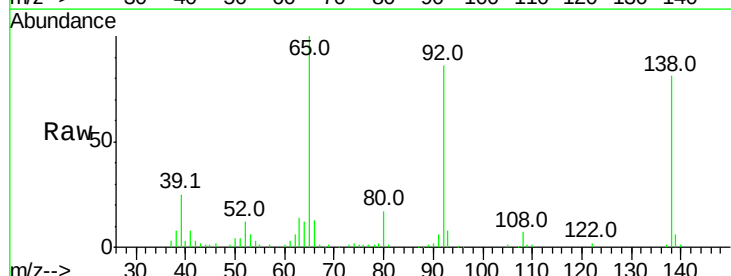
RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

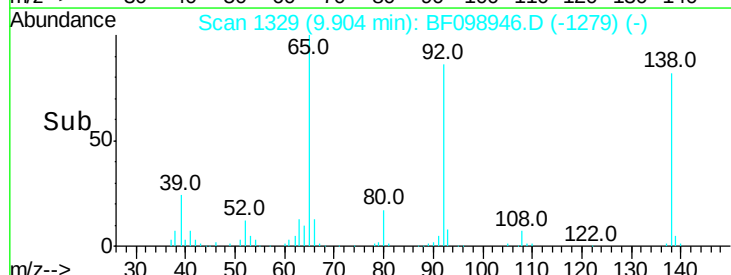
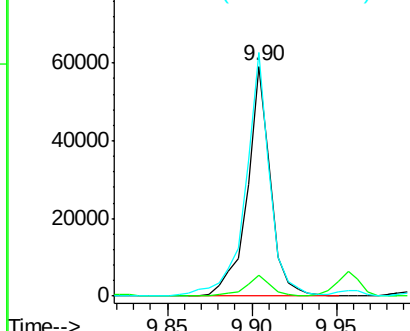
Lab File: BF098946.D

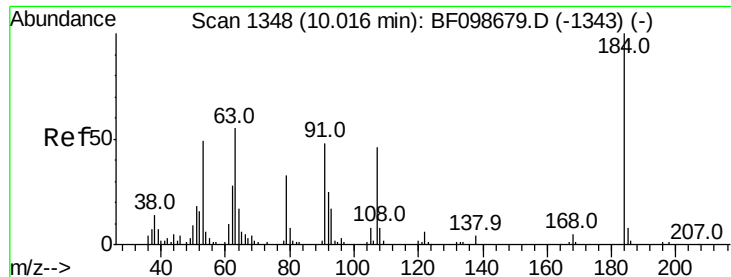
Acq: 29 Sep 2017 14:24

Tgt Ion:	138	Resp:	56610
Ion Ratio	Lower	Upper	
138	100		
108	9.2	9.4	14.0#
92	105.9	89.4	134.2



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





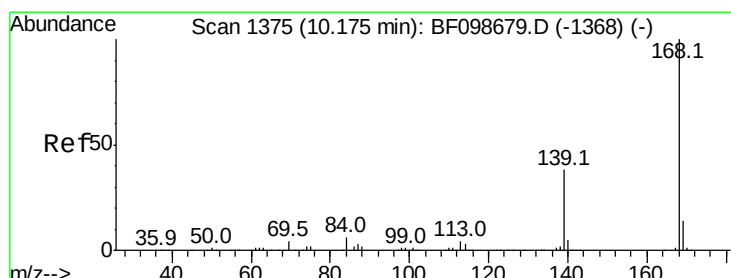
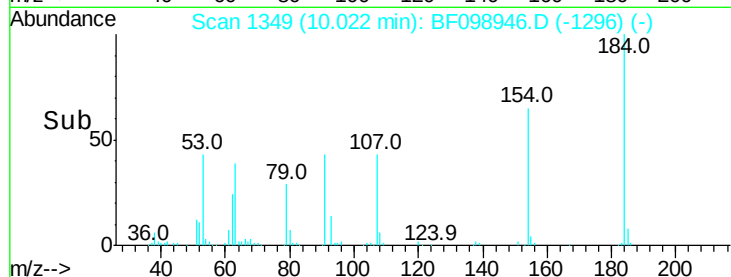
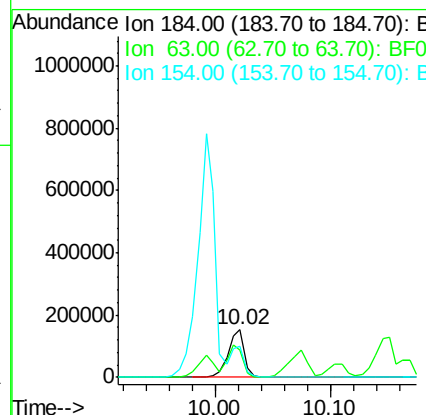
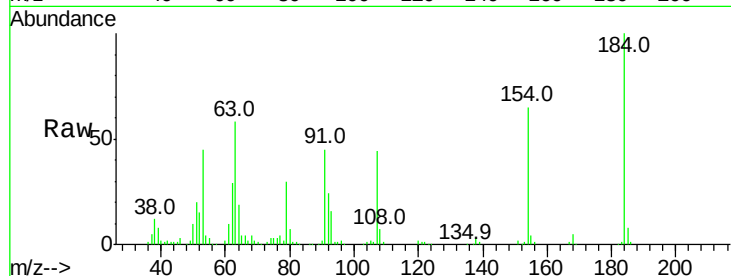
#53
2,4-Dinitrophenol
Concen: 64.012 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.2	54.2	81.2
154	65.0	53.5	80.3

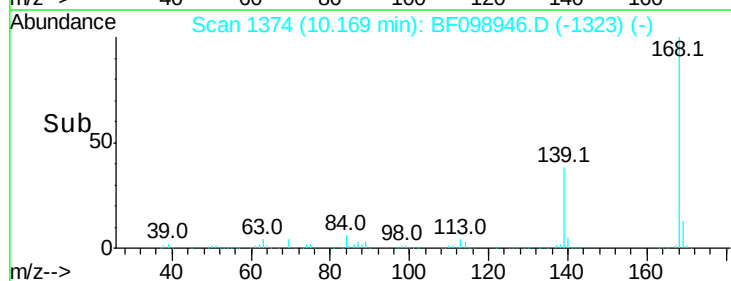
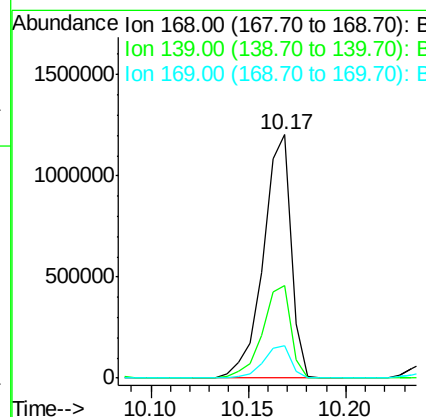
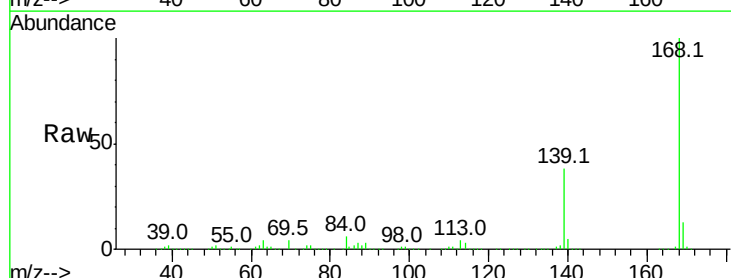
Manual Integrations
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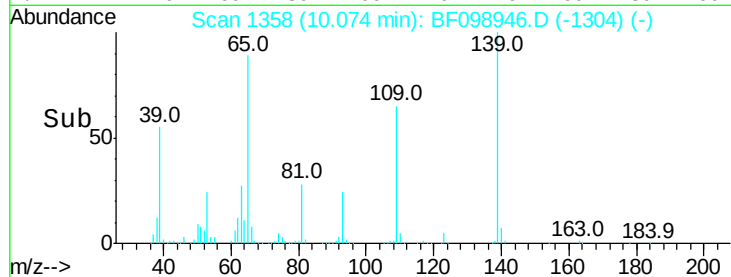
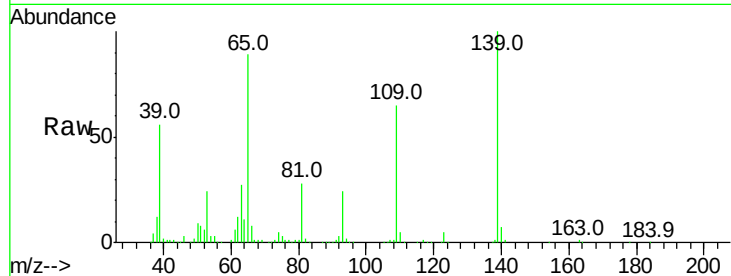
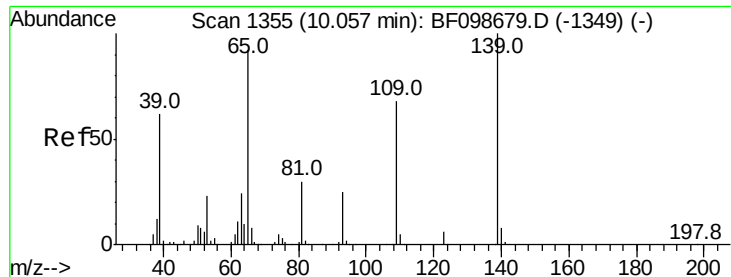
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#54
Dibenzofuran
Concen: 51.834 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	13.2	10.9	16.3





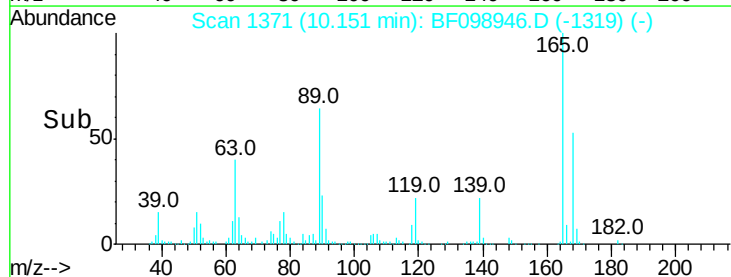
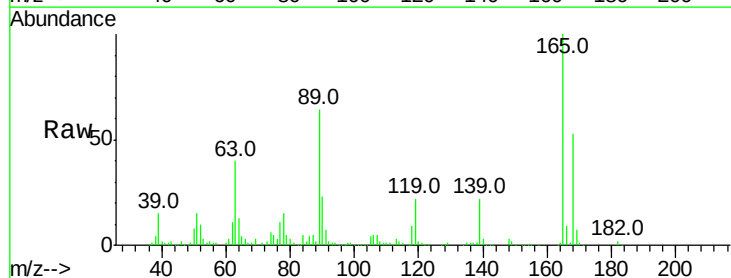
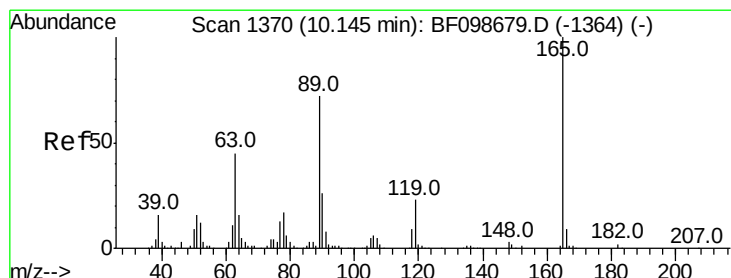
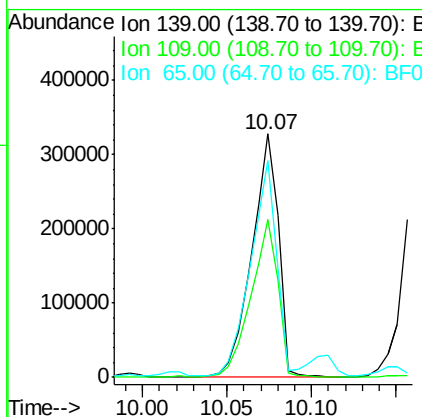
#55
4-Nitrophenol
Concen: 81.508 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.7	48.4	88.4	
65	89.1	72.6	112.6	

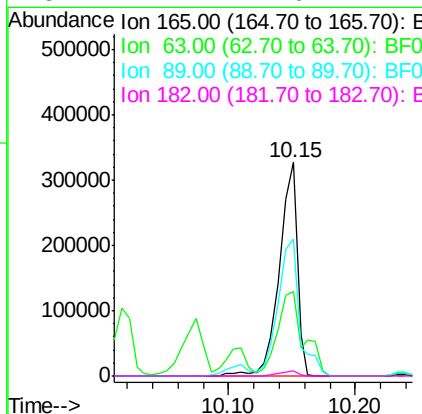
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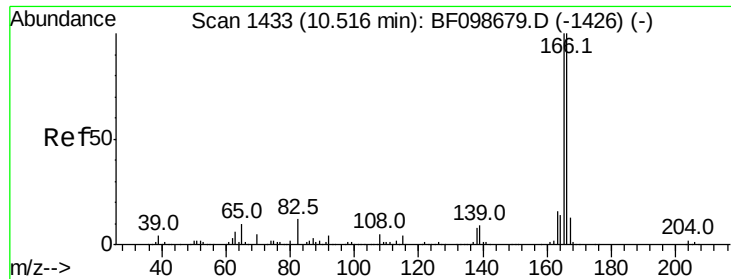
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#56
2,4-Dinitrotoluene
Concen: 54.517 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.7	36.4	54.6	
89	64.1	57.8	86.6	
182	2.2	1.6	2.4	





#57

Fluorene

Concen: 48.233 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

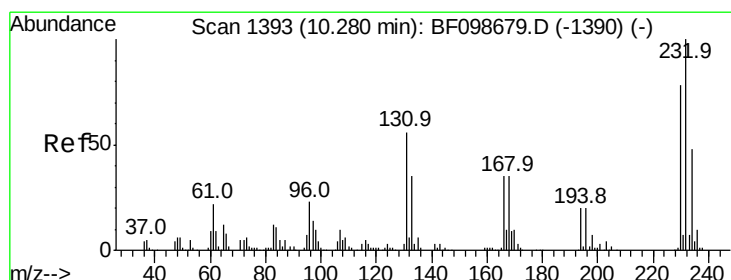
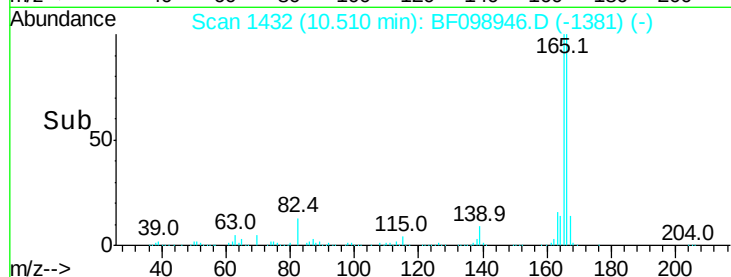
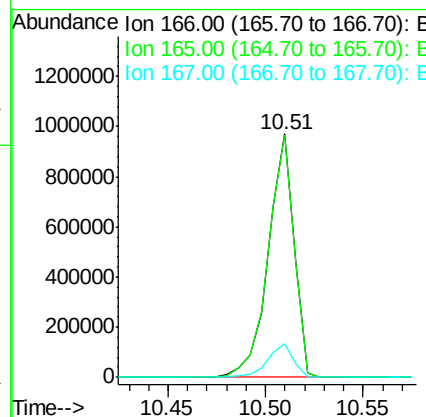
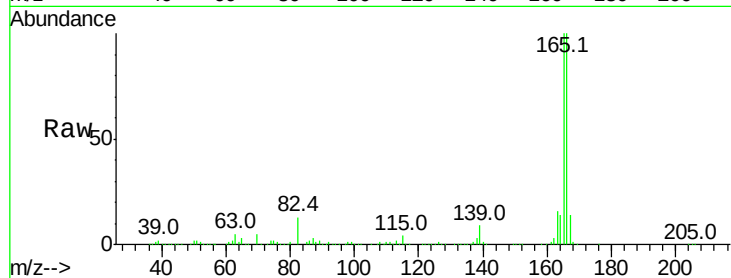
ClientSampleId :

20170660-A-C-1MS

Tot Ion:	166	Resp:	886647
Ion Ratio	Lower	Upper	
166	100		
165	99.6	79.8	119.8
167	13.8	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 51.660 ng

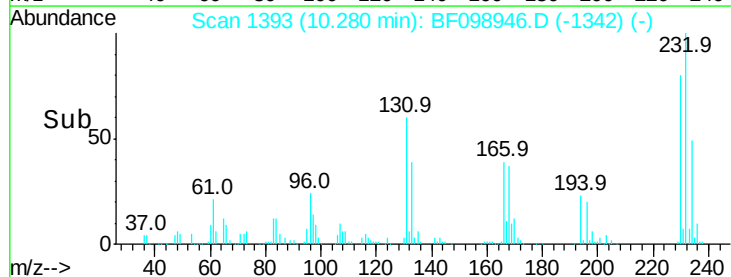
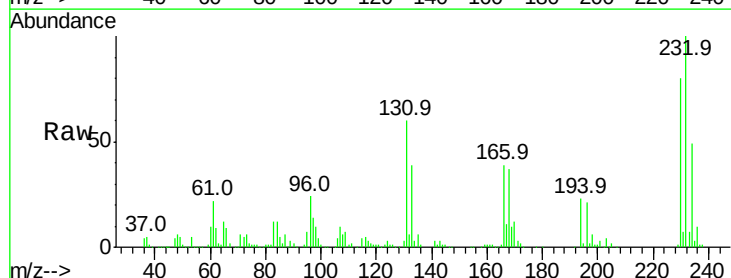
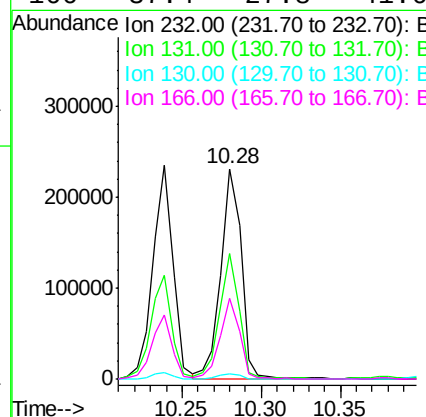
RT: 10.28 min Scan# 1393

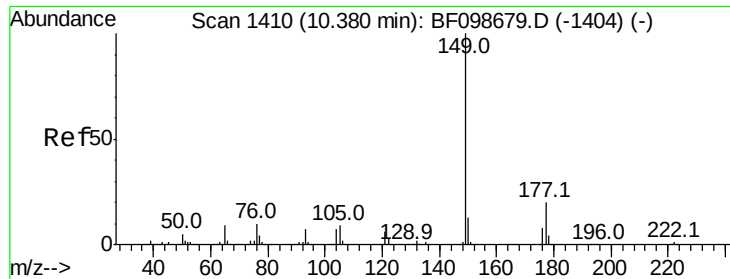
Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Tgt Ion:	232	Resp:	206609
Ion Ratio	Lower	Upper	
232	100		
131	57.0	43.8	65.8
130	2.9	2.1	3.1
166	37.4	27.8	41.6





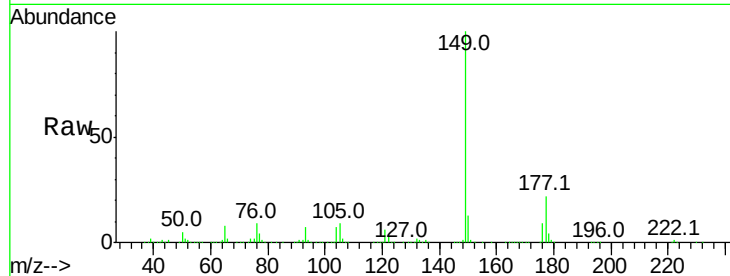
#59
Diethylphthalate
Concen: 51.642 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

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

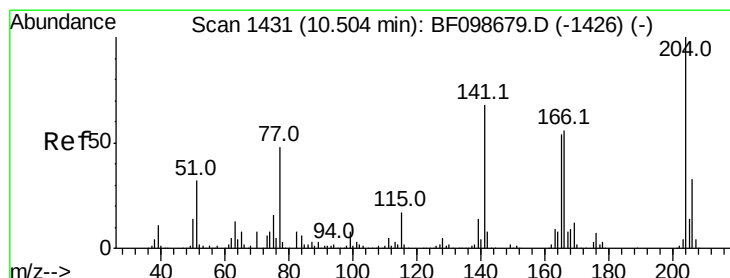
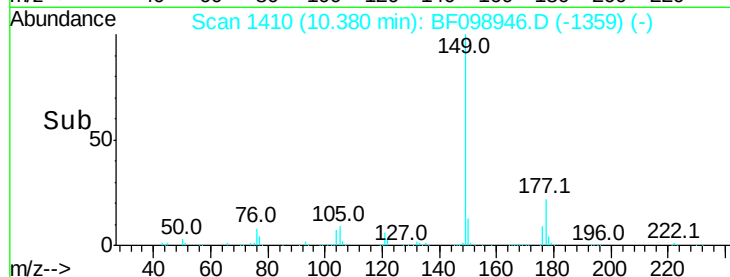
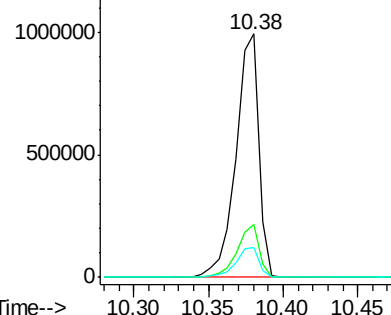
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.1	24.1
150	12.5	10.1	15.1

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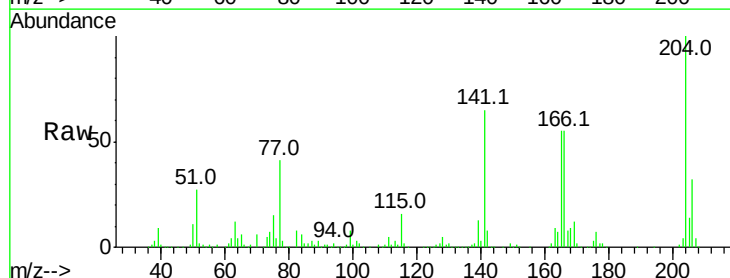


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

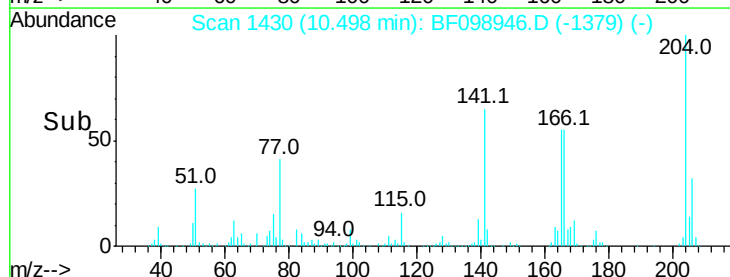
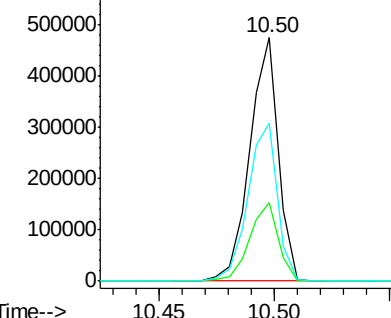


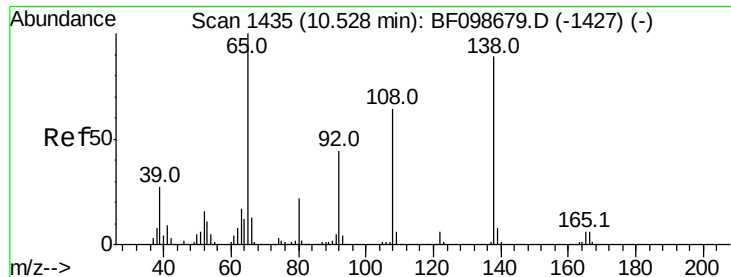
#60
4-Chlorophenyl-phenylether
Concen: 49.374 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.5	39.7
141	64.8	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





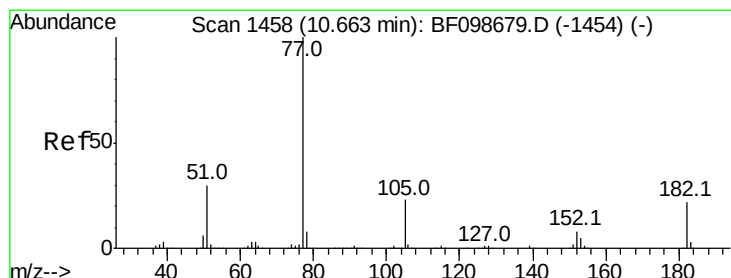
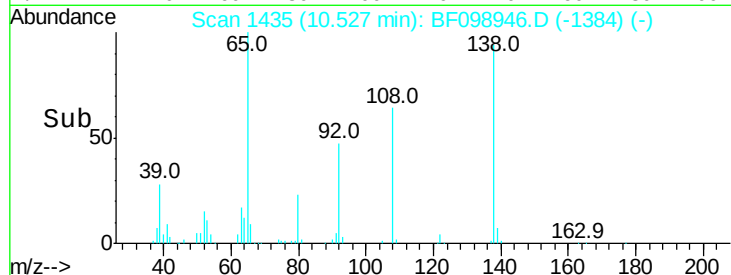
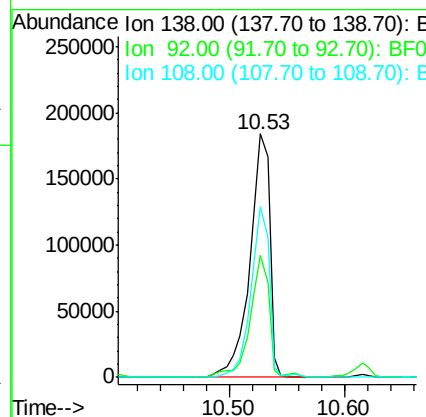
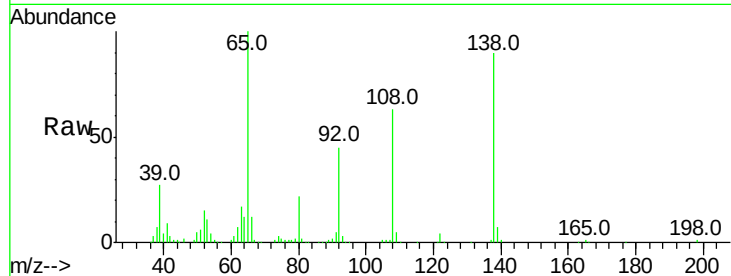
#61
4-Nitroaniline
Concen: 43.302 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Resp	Lower	Upper
138	100	219716		
92	49.9	30.2	70.2	
108	69.9	52.5	92.5	

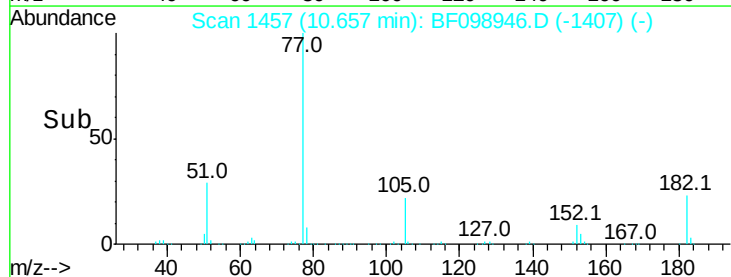
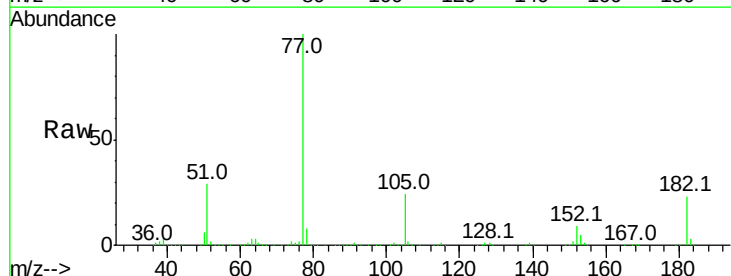
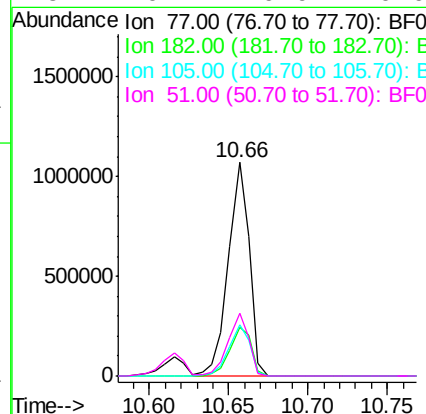
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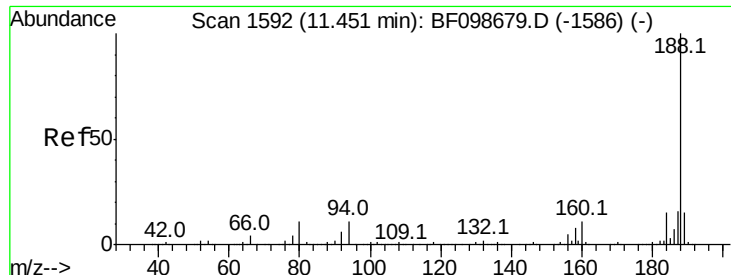
Sohil
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#62
Azobenzene
Concen: 52.785 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	982576		
182	22.9	1.7	41.7	
105	23.9	3.0	43.0	
51	29.2	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

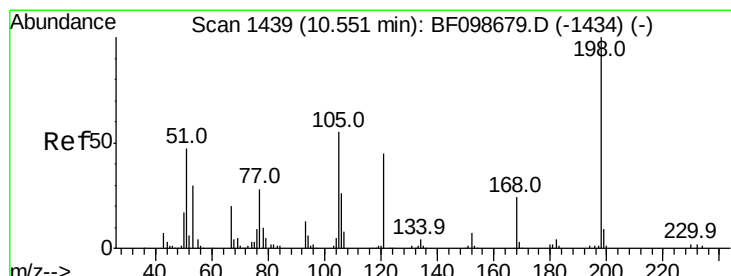
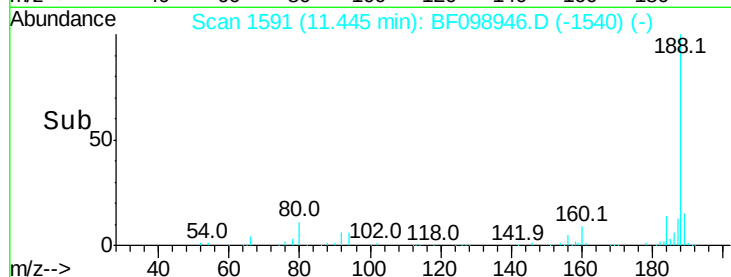
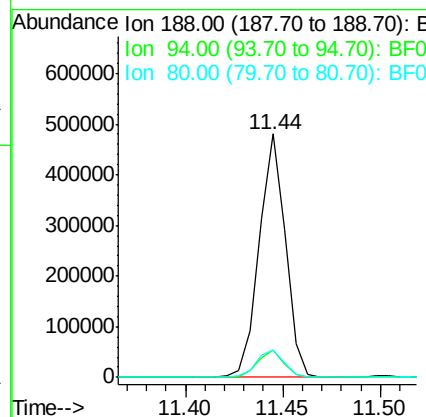
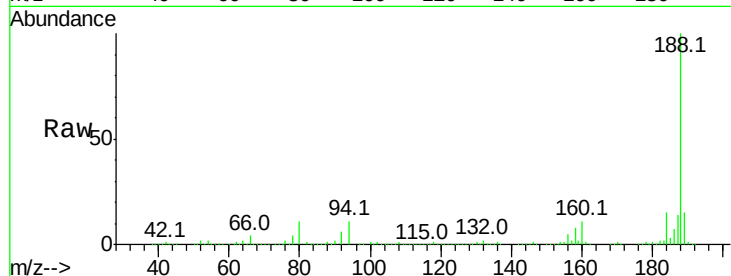
ClientSampleId :

20170660-A-C-1MS

Tot Ion:188	Resp: 447465
Ion Ratio	Lower Upper
188 100	
94 11.0	8.5 12.7
80 11.4	9.2 13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 43.714 ng

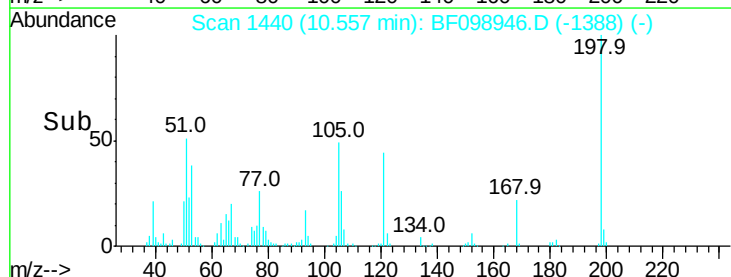
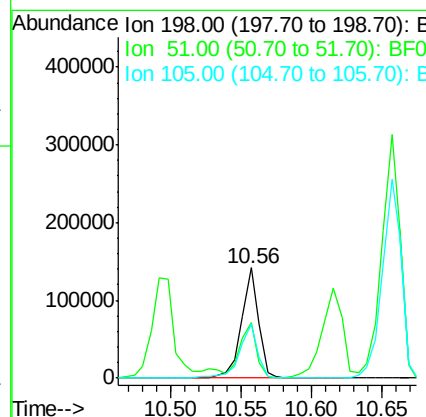
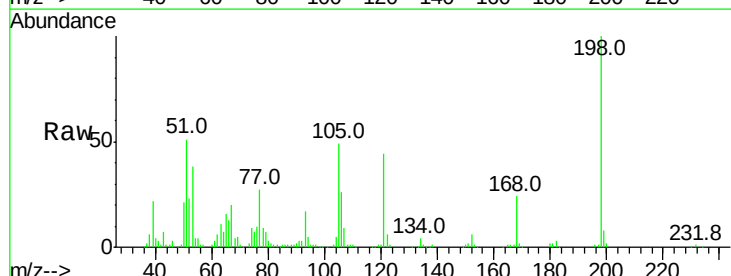
RT: 10.56 min Scan# 1440

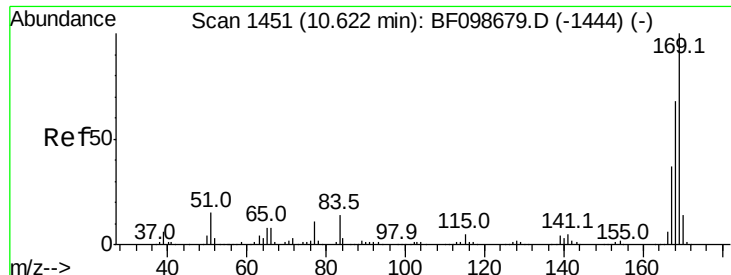
Delta R.T. 0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Tgt Ion:198	Resp: 119011
Ion Ratio	Lower Upper
198 100	
51 50.7	37.7 77.7
105 49.3	36.3 76.3





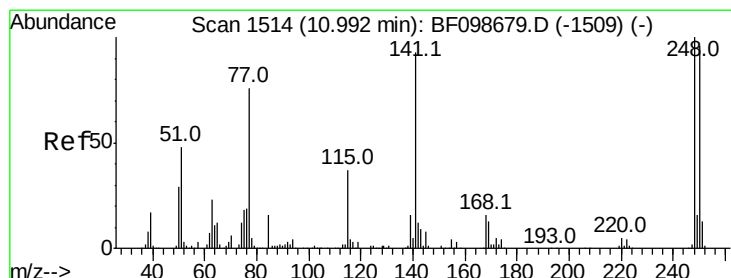
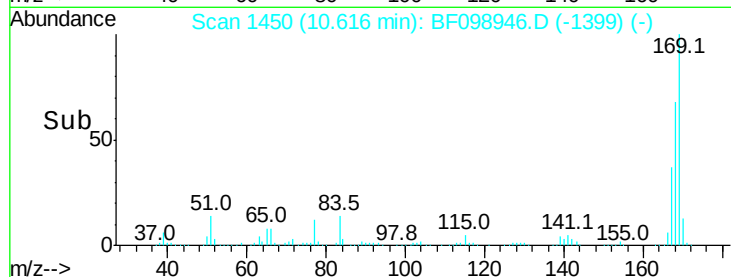
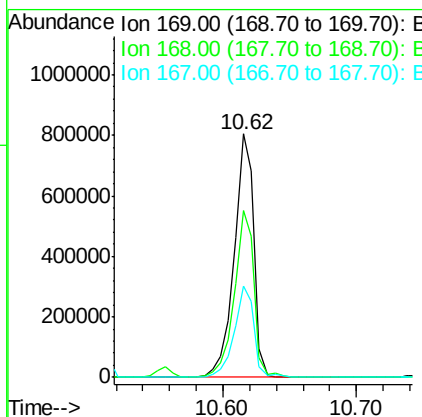
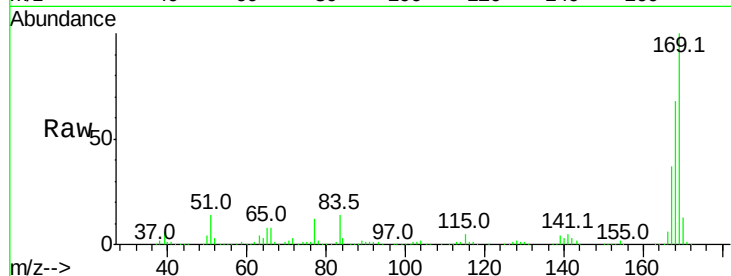
#65
 n-Nitrosodiphenylamine
 Concen: 53.506 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	829426		
168	68.4		54.4	81.6
167	37.4		29.8	44.6

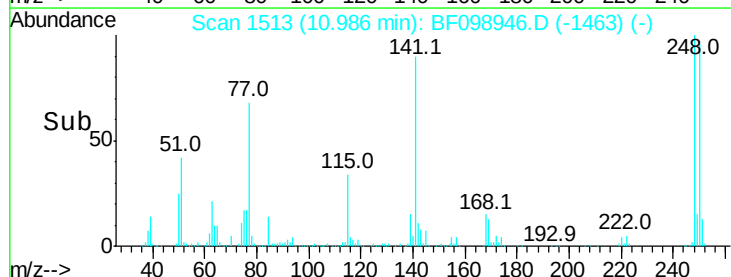
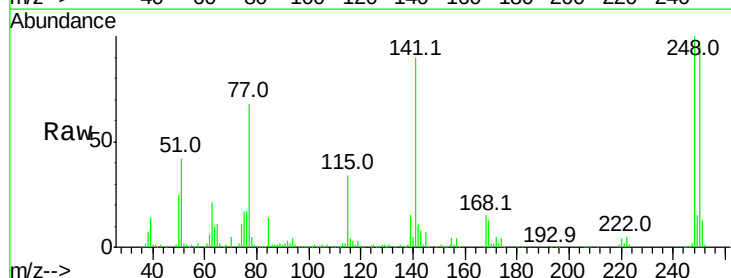
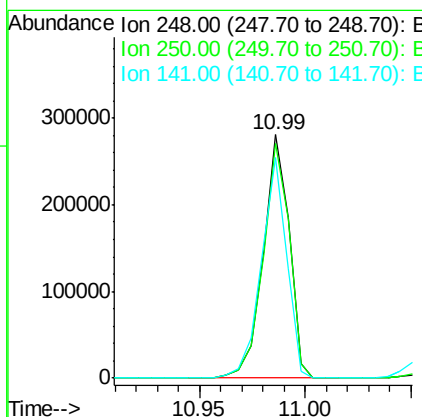
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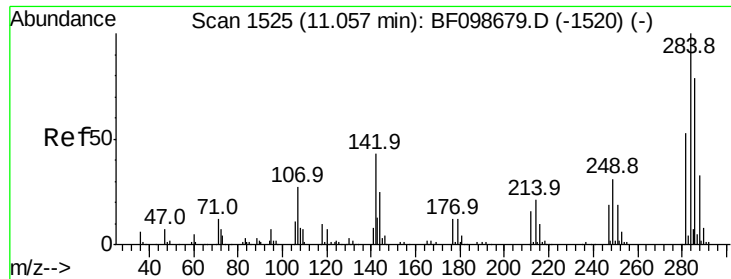
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#66
 4-Bromophenyl-phenylether
 Concen: 55.090 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	241291		
250	96.4		76.9	115.3
141	90.4		74.4	111.6





#67

Hexachlorobenzene

Concen: 49.423 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

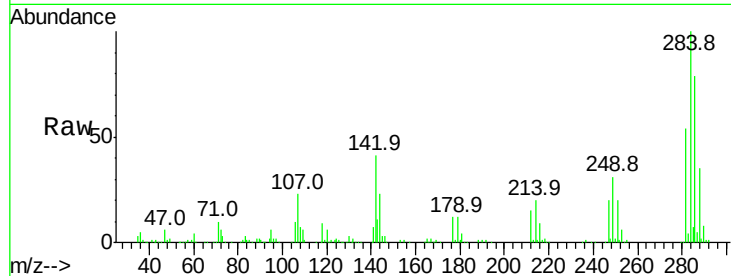
ClientSampleId :

20170660-A-C-1MS

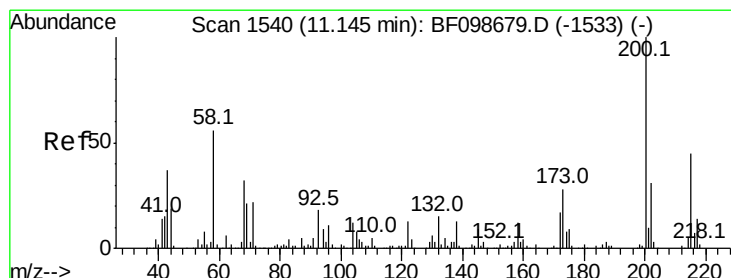
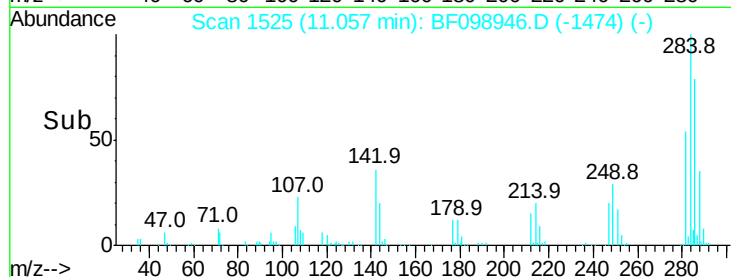
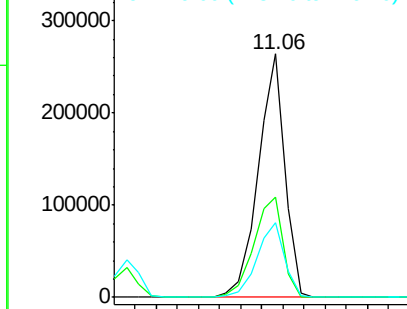
Tot Ion:	284	Resp:	231197
Ion Ratio	Lower	Upper	
284	100		
142	41.1	34.6	52.0
249	30.7	24.8	37.2

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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: 54.540 ng

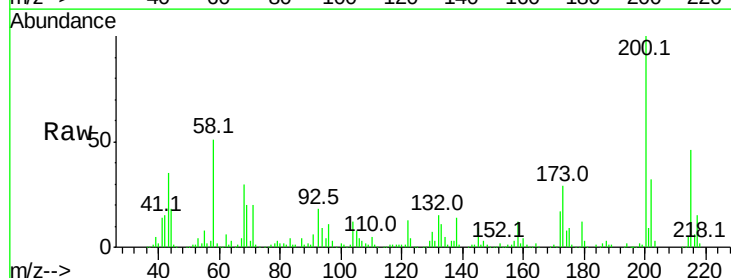
RT: 11.14 min Scan# 1540

Delta R.T. 0.01 min

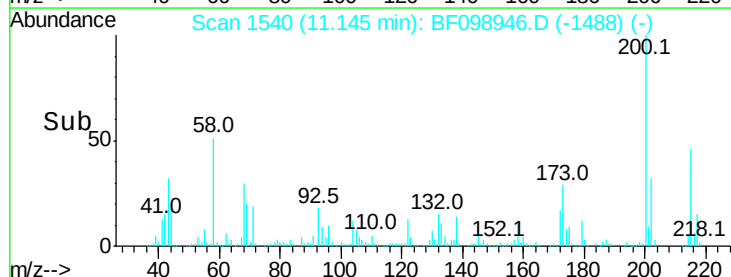
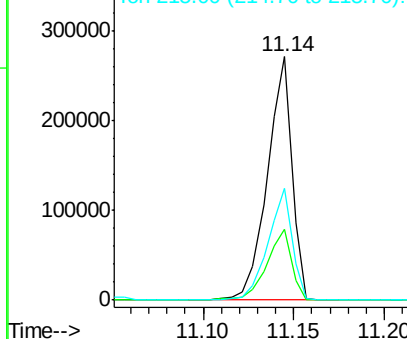
Lab File: BF098946.D

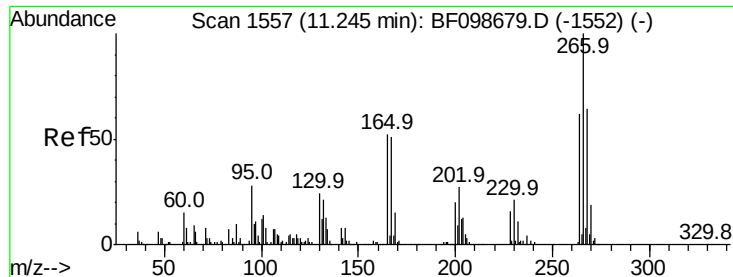
Acq: 29 Sep 2017 14:24

Tgt Ion:	200	Resp:	254370
Ion Ratio	Lower	Upper	
200	100		
173	29.0	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





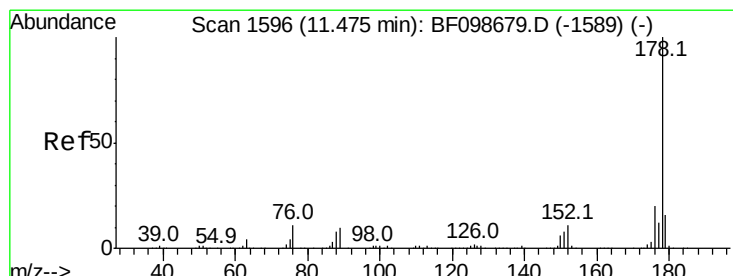
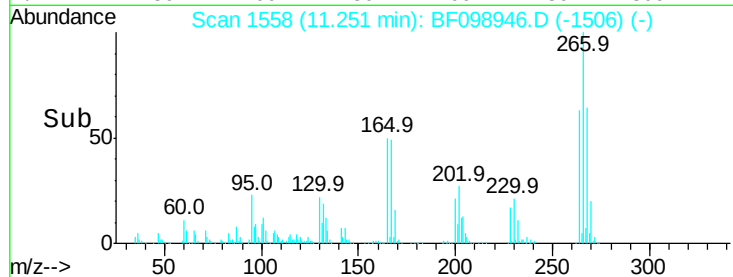
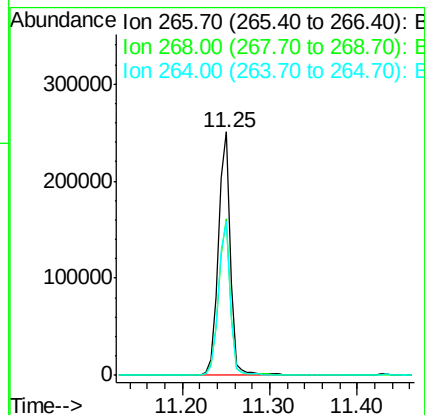
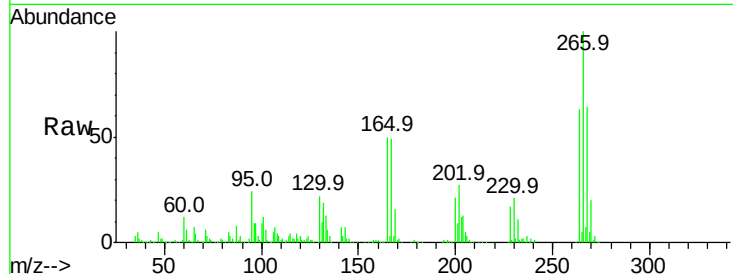
#69
 Pentachlorophenol
 Concen: 83.320 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

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

Tot Ion:	266	Resp:	242576
Ion Ratio	Lower	Upper	
266	100		
268	64.4	51.1	76.7
264	63.2	49.5	74.3

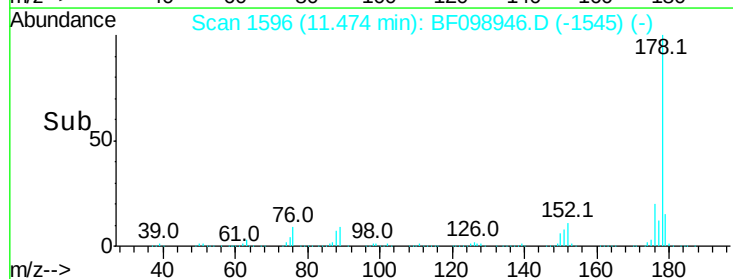
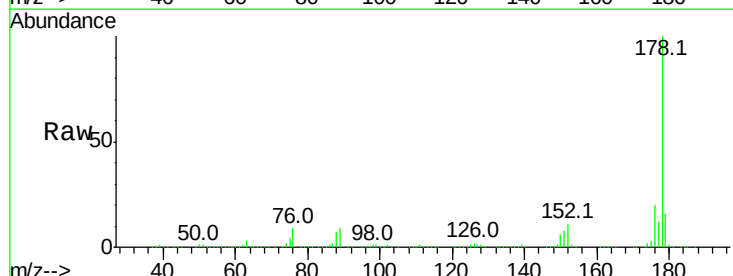
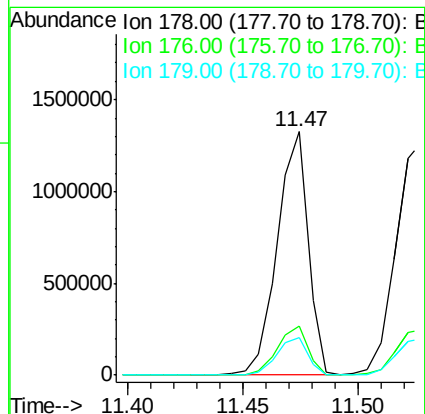
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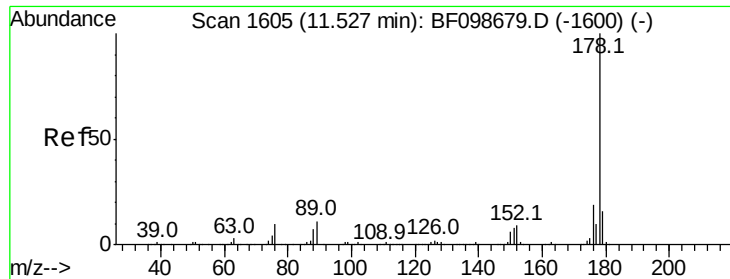
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#70
 Phenanthrene
 Concen: 51.169 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion:	178	Resp:	1225578
Ion Ratio	Lower	Upper	
178	100		
176	20.1	15.8	23.8
179	15.6	13.0	19.6





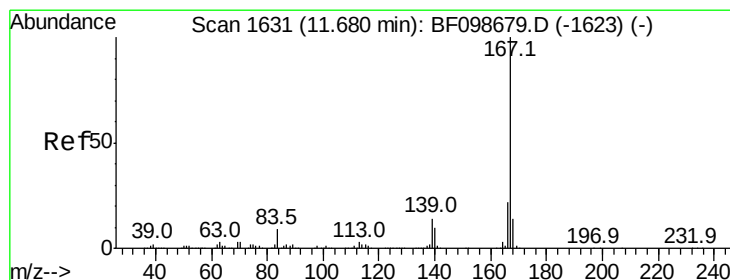
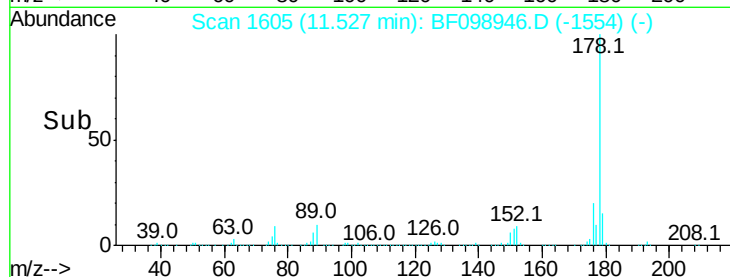
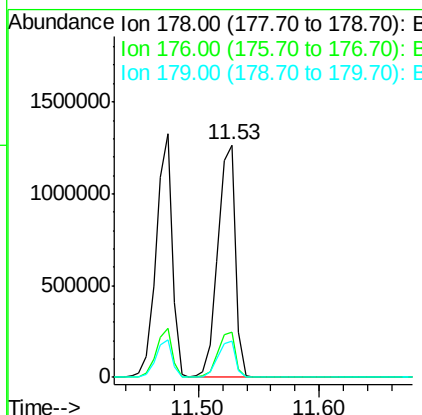
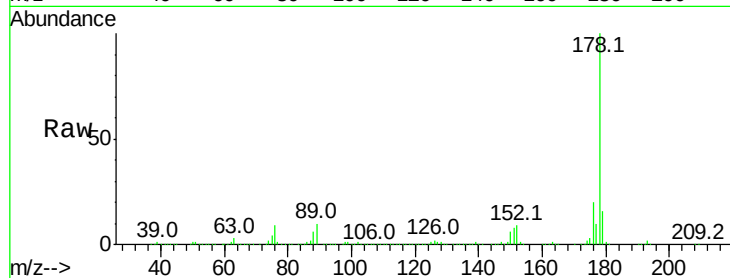
#71
 Anthracene
 Concen: 51.198 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

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

Tot Ion:178 Resp: 1254709
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 15.5 12.6 19.0

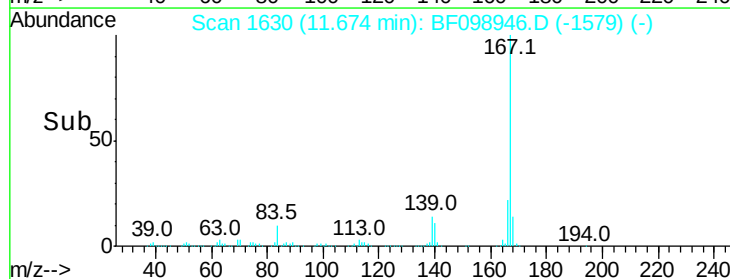
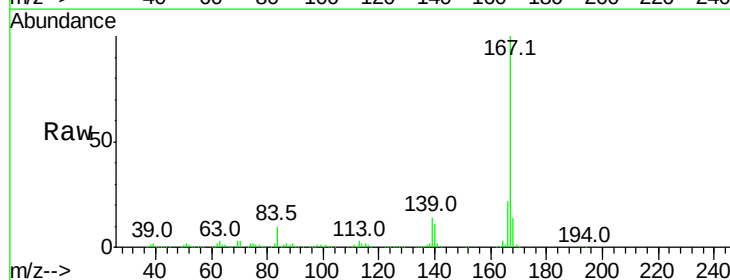
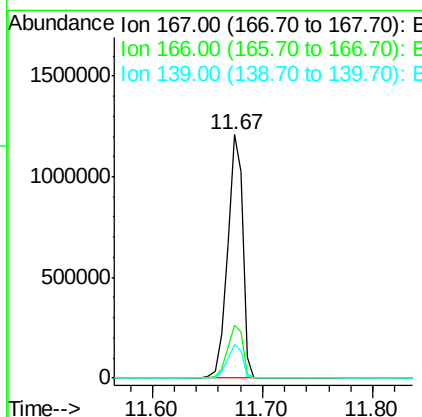
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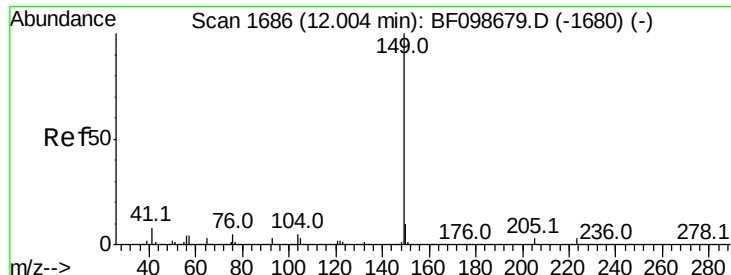
Sohil
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#72
 Carbazole
 Concen: 48.319 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion:167 Resp: 1159600
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 53.887 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

ClientSampleId :

20170660-A-C-1MS

Tot Ion:149 Resp: 1556620

Ion Ratio Lower Upper

149 100

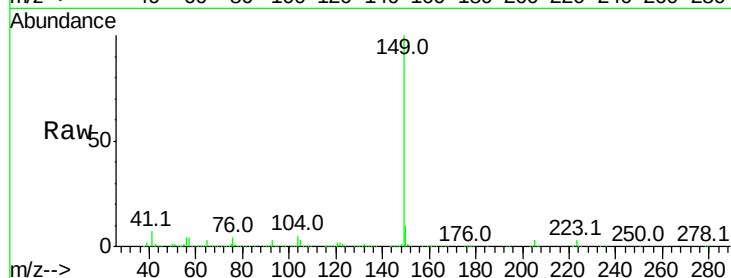
150 9.6 7.8 11.6

104 4.9 3.8 5.8

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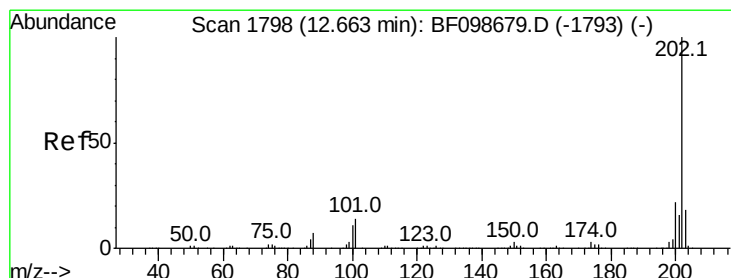
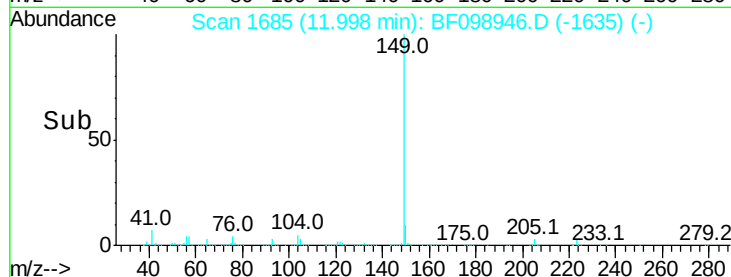
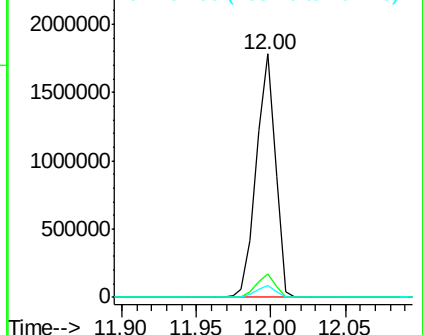
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.410 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

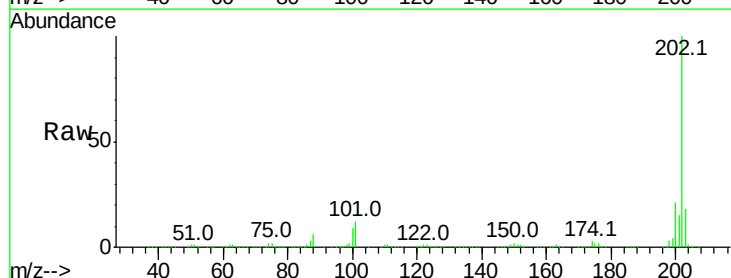
Tgt Ion:202 Resp: 1101361

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.1

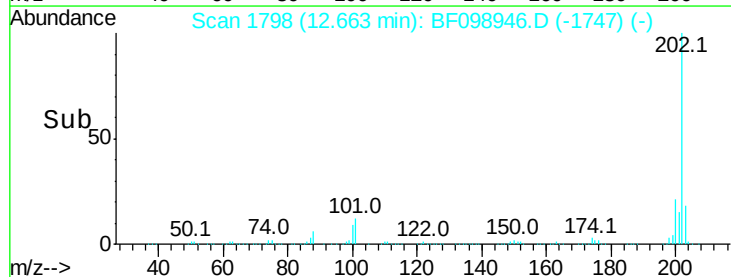
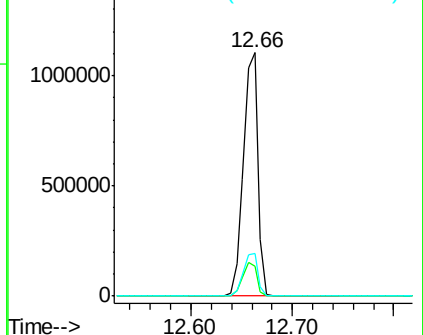
203 17.7 0.0 38.1

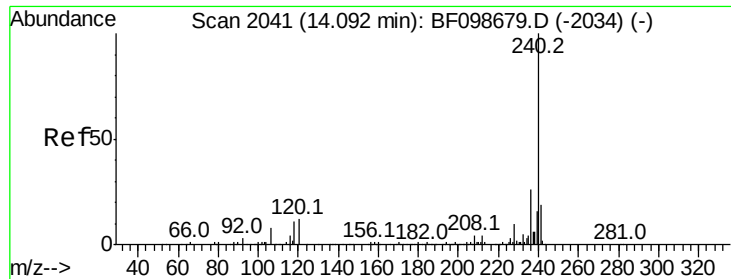


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

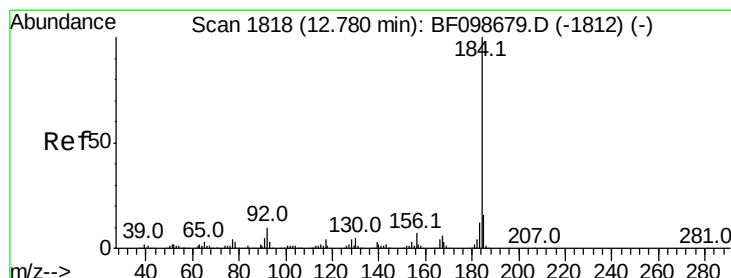
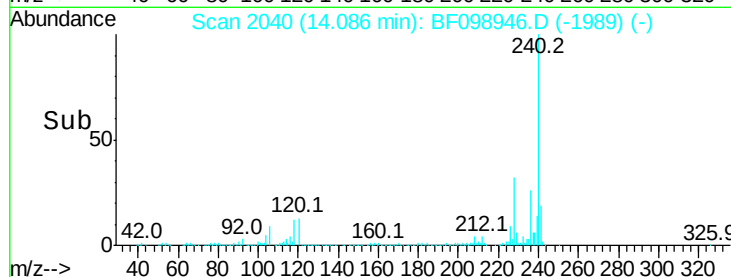
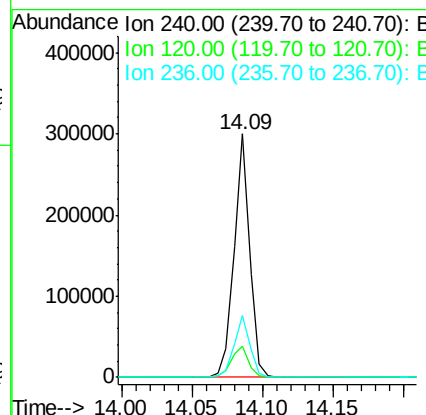
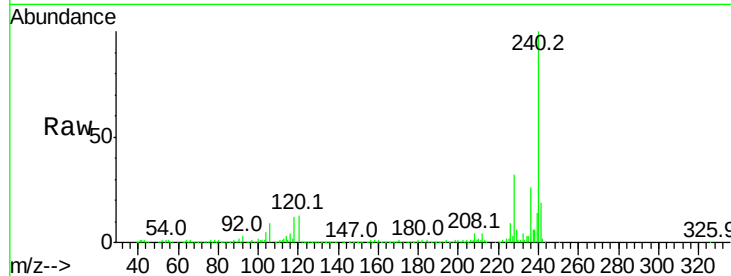
ClientSampleId :

20170660-A-C-1MS

Tot Ion:	240	Resp:	230130
Ion Ratio	Lower	Upper	
240	100		
120	13.0	9.5	14.3
236	25.6	20.7	31.1

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#76

Benzidine

Concen: 28.432 ng

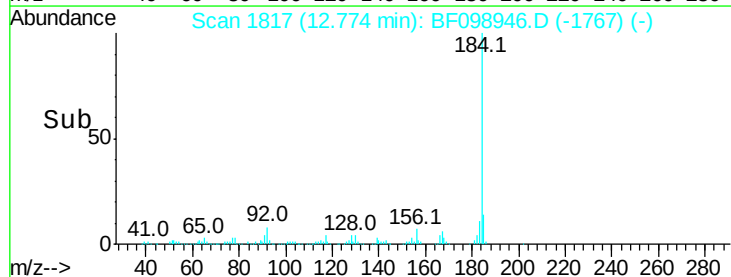
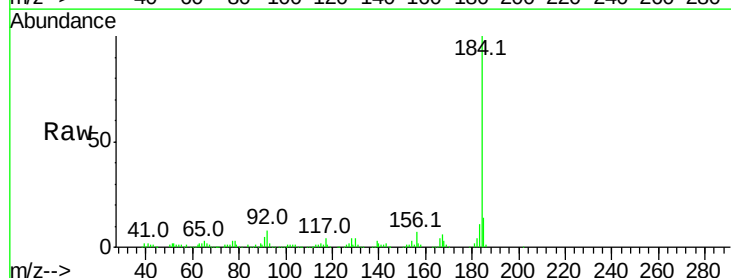
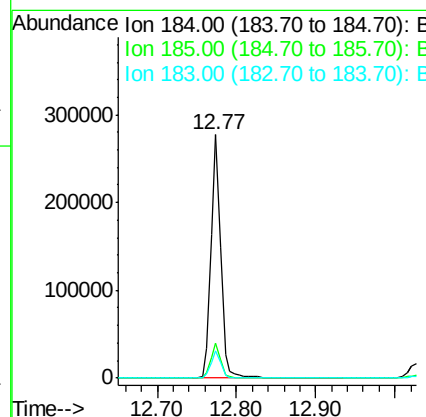
RT: 12.77 min Scan# 1817

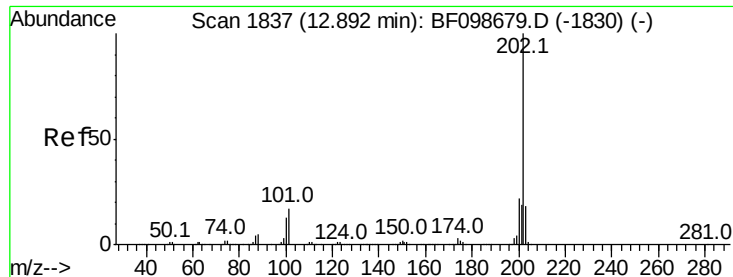
Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Tgt Ion:	184	Resp:	242005
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	11.2	9.3	13.9





#77

Pvrene

Concen: 61.888 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Instrument :

BNA_F

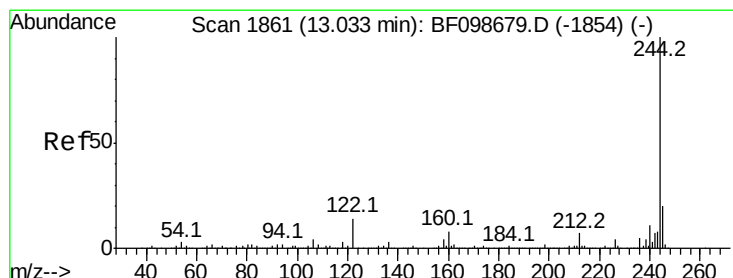
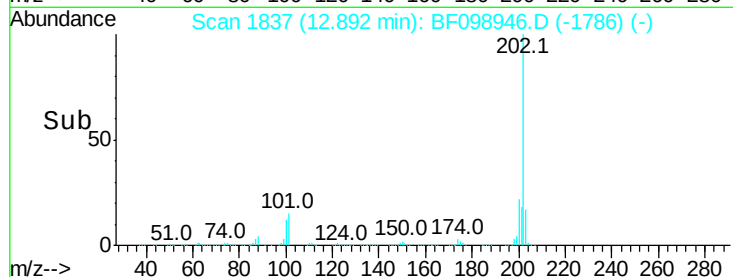
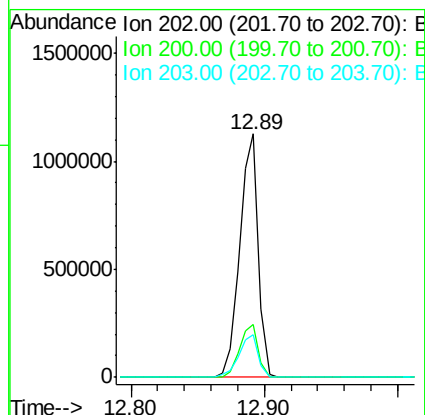
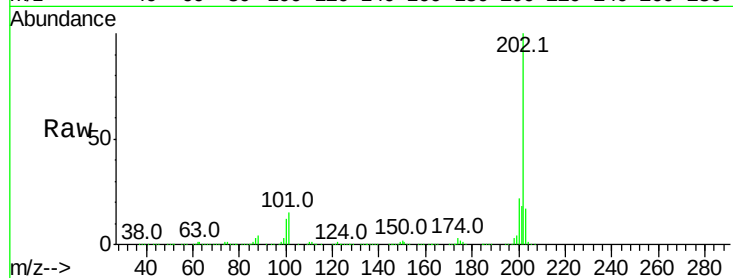
ClientSampleId :

20170660-A-C-1MS

Tot Ion:202	Resp: 1086037
Ion Ratio	Lower Upper
202 100	
200 21.9	17.4 26.2
203 17.3	14.3 21.5

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#78

Terphenyl-d14

Concen: 127.352 ng

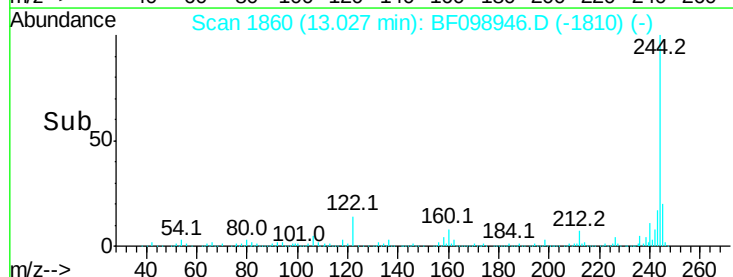
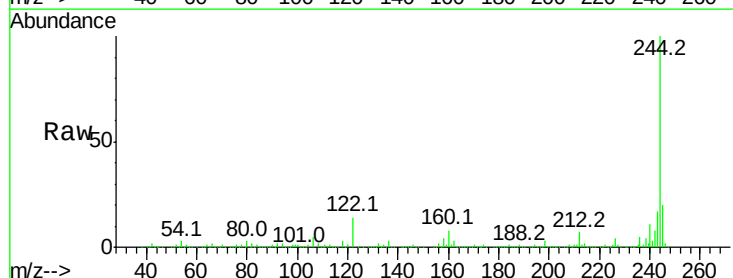
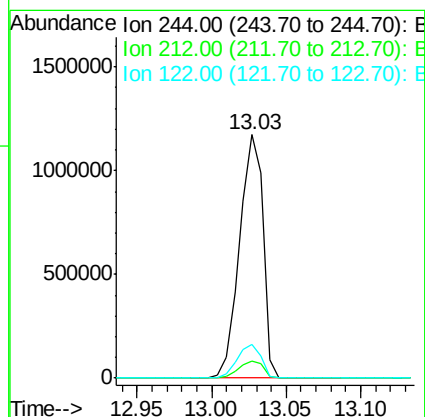
RT: 13.03 min Scan# 1860

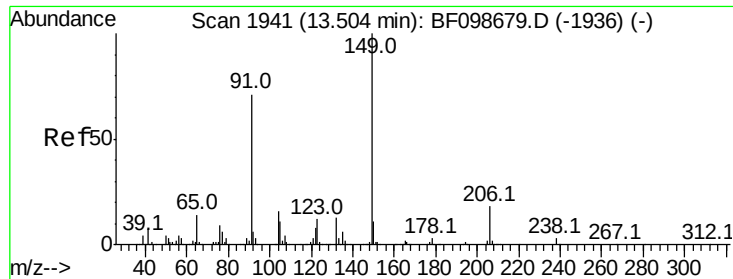
Delta R.T. -0.01 min

Lab File: BF098946.D

Acq: 29 Sep 2017 14:24

Tgt Ion:244	Resp: 1288691
Ion Ratio	Lower Upper
244 100	
212 7.3	5.4 8.0
122 13.8	11.0 16.4





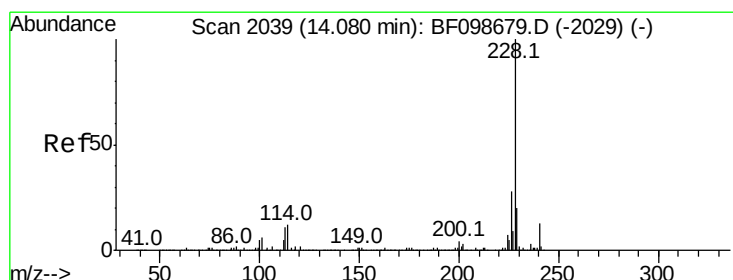
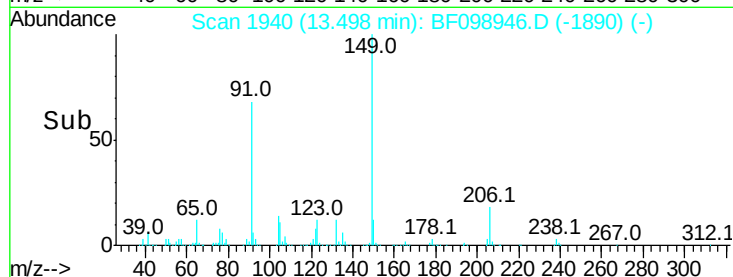
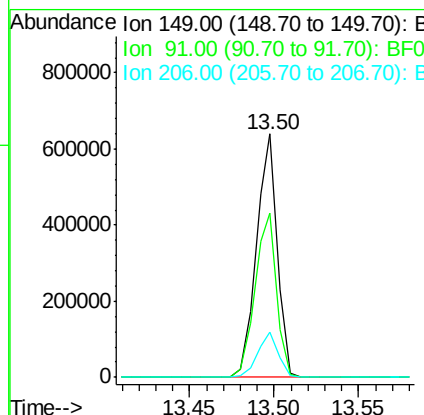
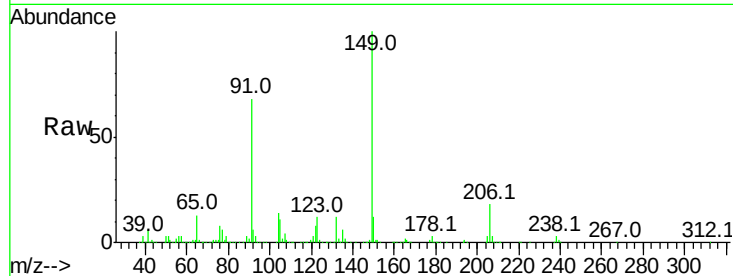
#79
Butylbenzylphthalate
Concen: 66.991 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	552496		
91	67.7	56.8	85.2	
206	18.4	14.1	21.1	

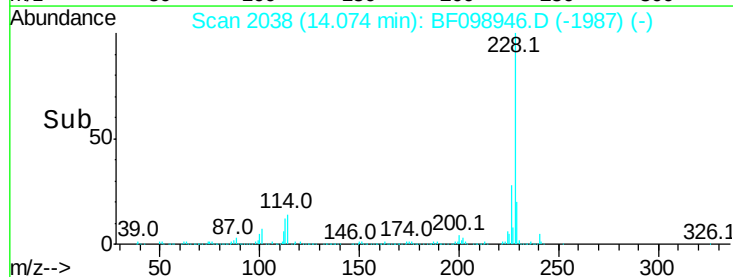
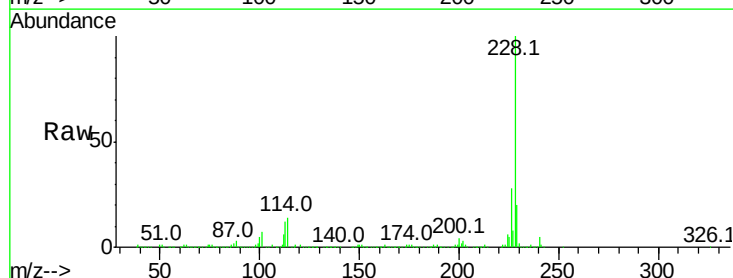
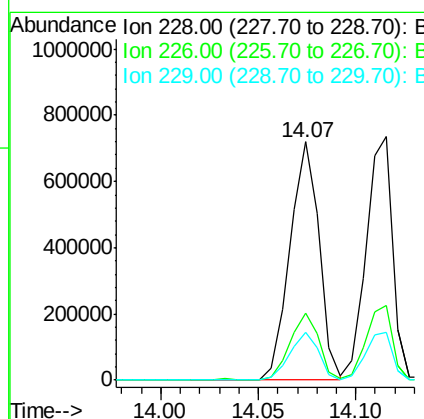
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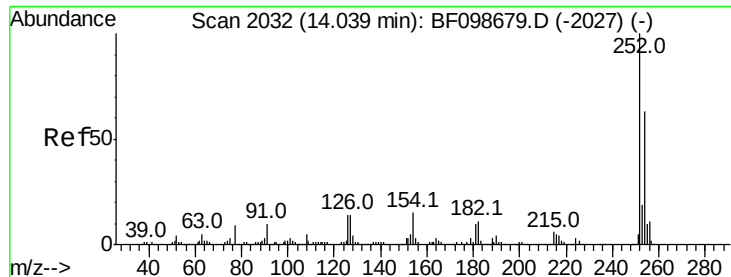
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#80
Benzo(a)anthracene
Concen: 53.317 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	742968		
226	28.2	22.6	33.8	
229	19.8	15.8	23.6	





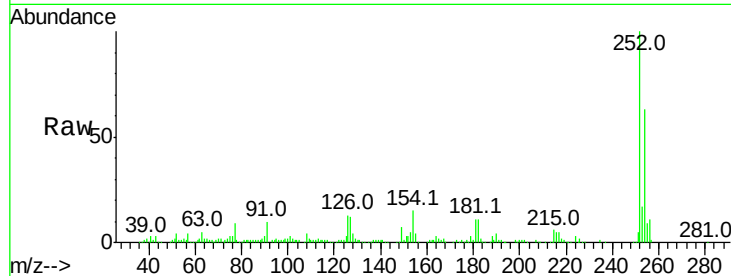
#81
 3,3'-Dichlorobenzidine
 Concen: 27.963 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	142848		
254	62.9	50.4	75.6	
126	13.3	11.3	16.9	

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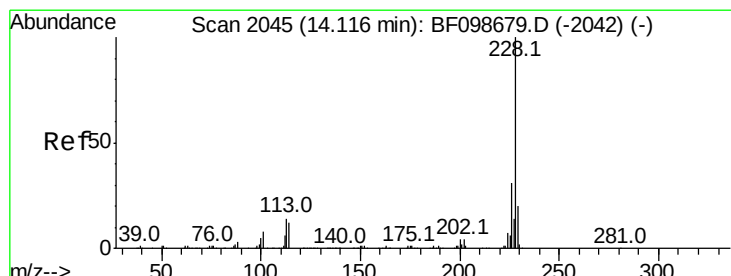
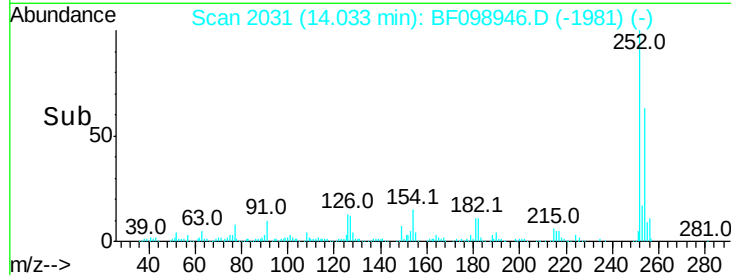
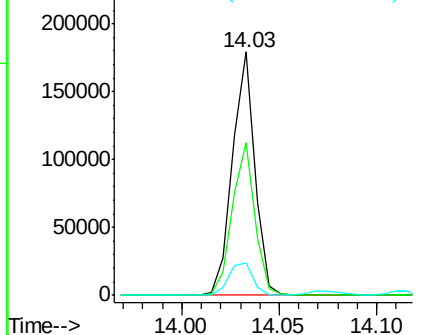


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 52.113 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

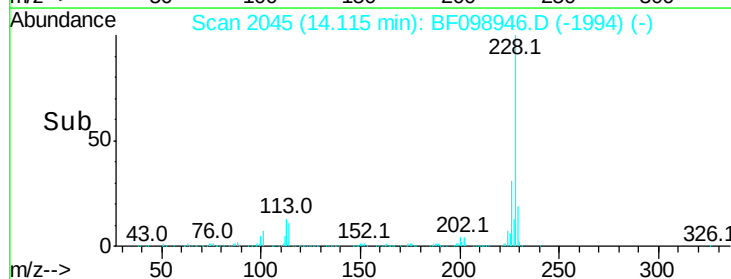
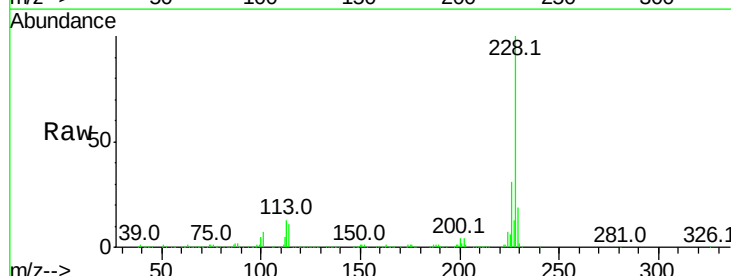
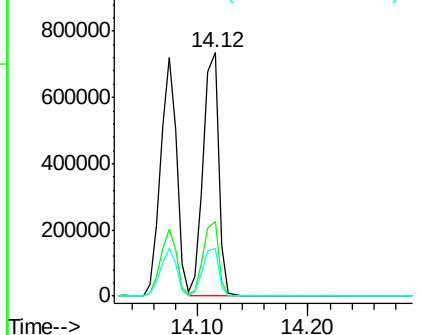
Tgt Ion	Ratio	Resp	Lower	Upper
228	100	691367		
226	30.9	25.0	37.6	
229	19.4	16.2	24.4	

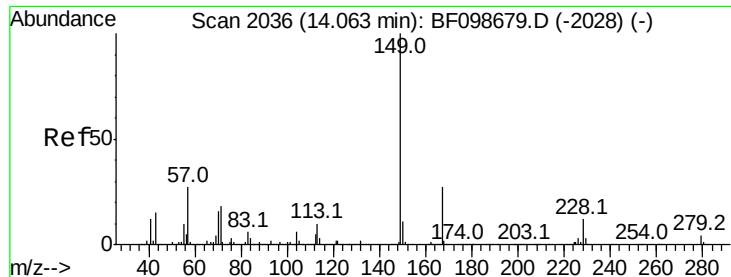
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





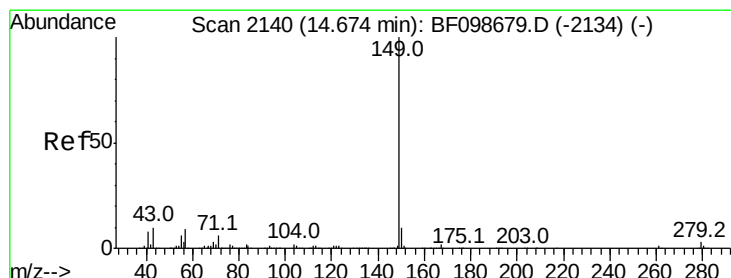
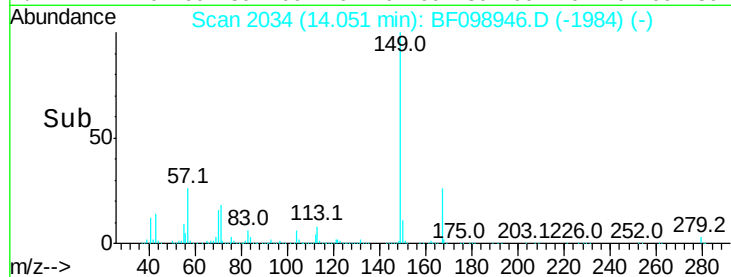
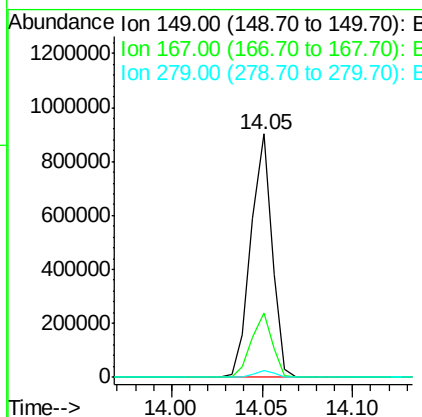
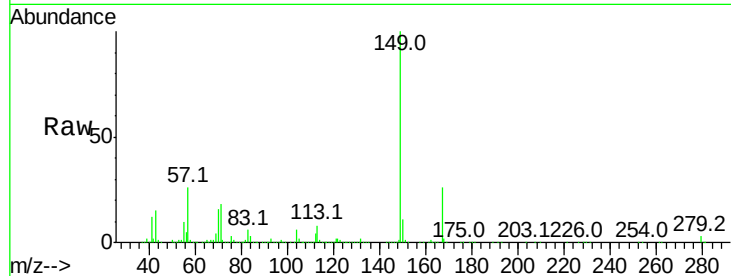
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 65.006 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	2.9	3.0	4.4#

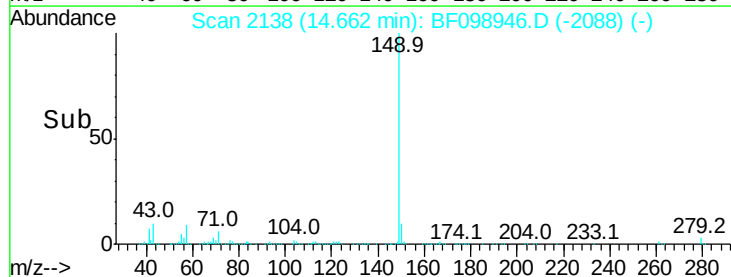
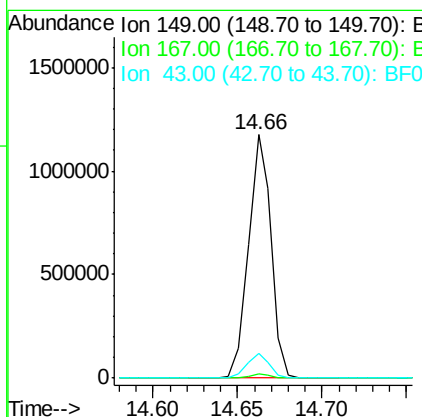
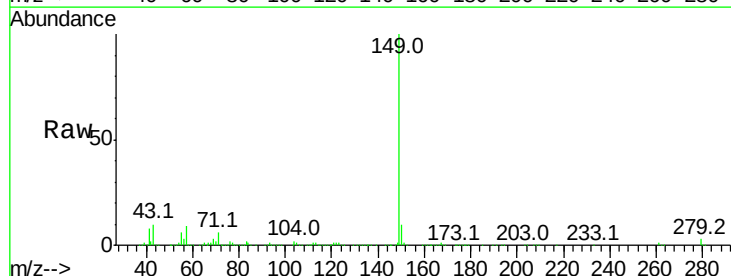
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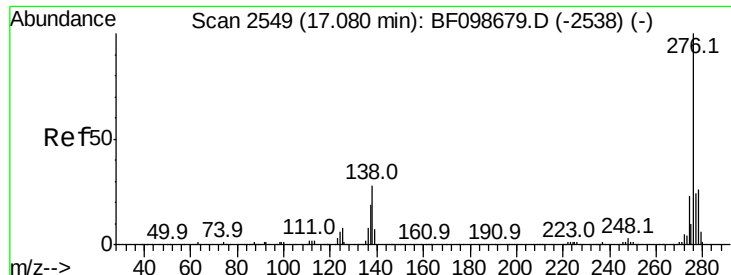
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#84
 Di-n-octyl phthalate
 Concen: 59.904 ng
 RT: 14.66 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.6	8.4	12.6





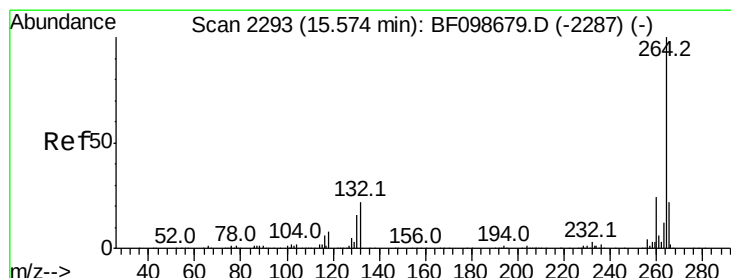
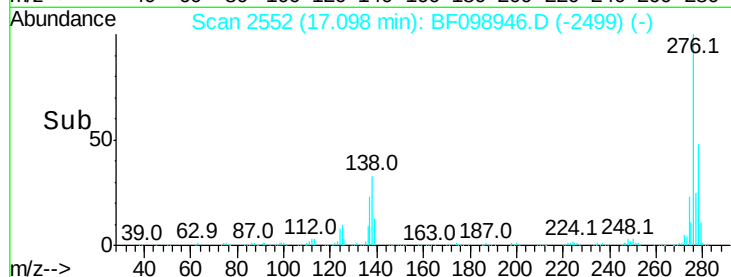
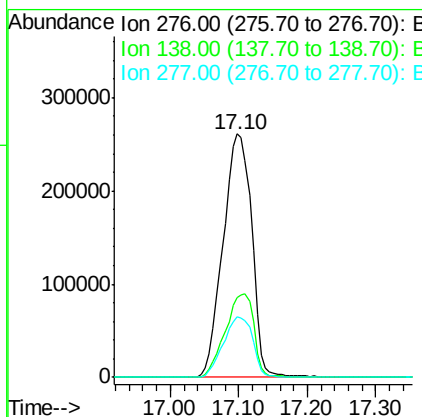
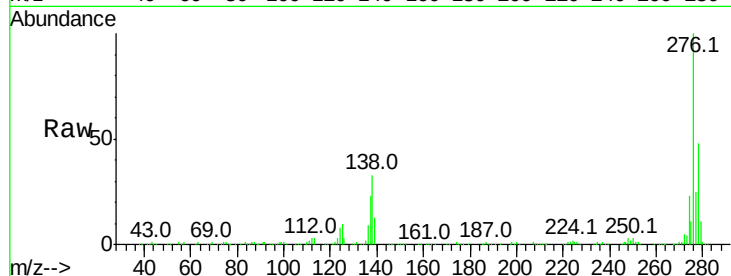
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 71.442 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. 0.01 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Resp	Lower	Upper
276	100	758178		
138	34.3	25.0	37.6	
277	25.4	20.1	30.1	

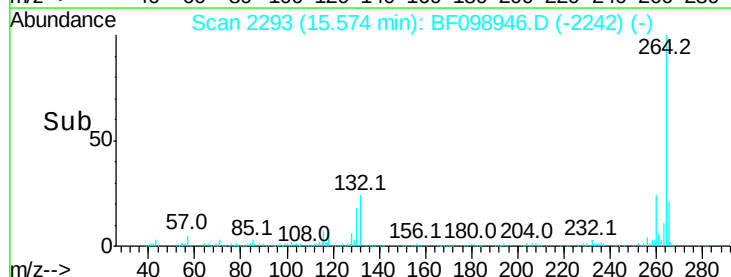
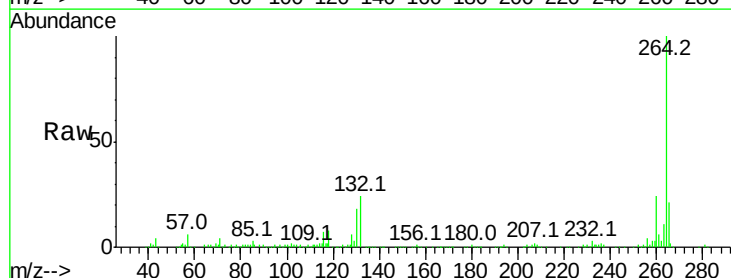
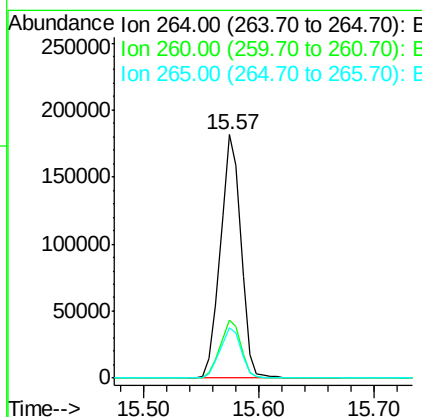
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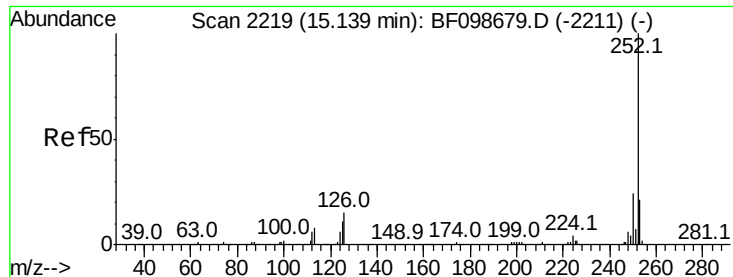
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	224579		
260	23.8	19.2	28.8	
265	20.5	17.5	26.3	





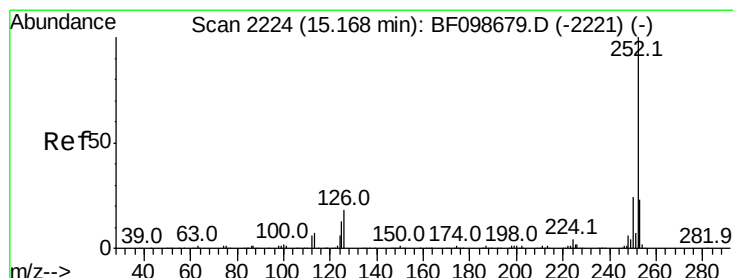
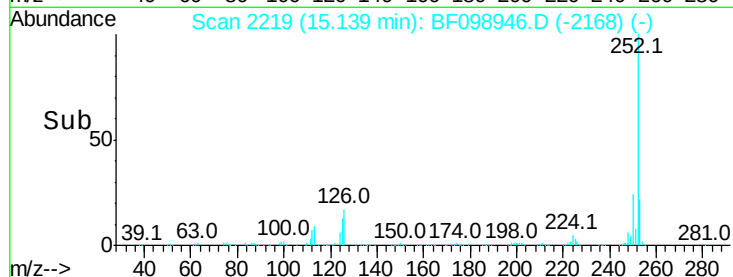
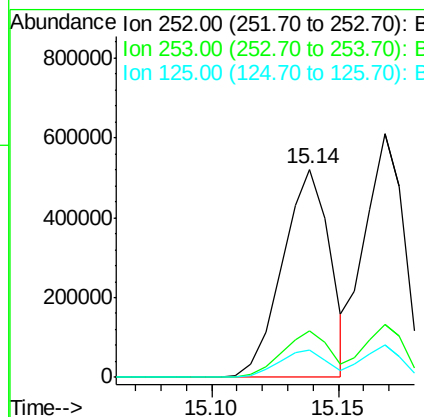
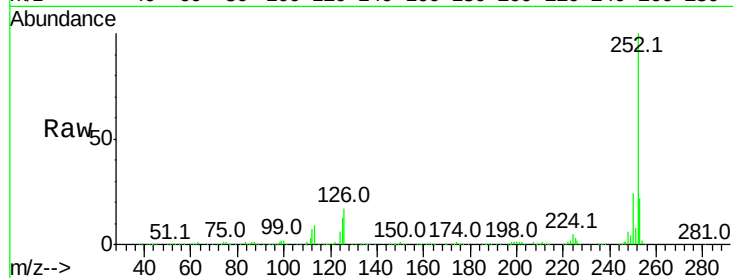
#87
Benzo(b)fluoranthene
Concen: 49.183 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.1	9.0	13.6

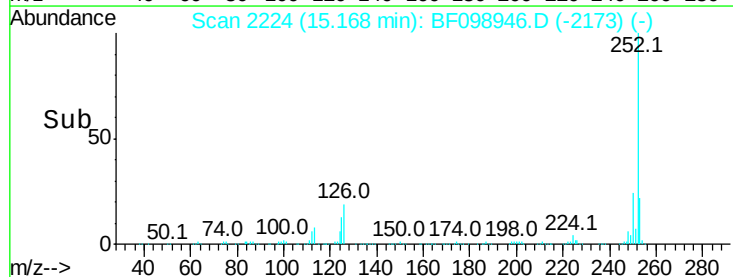
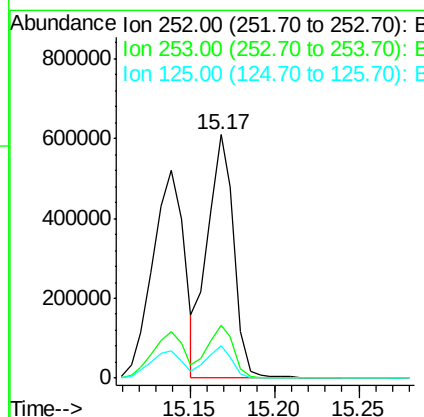
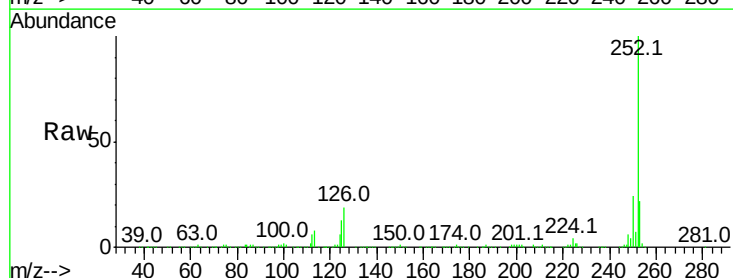
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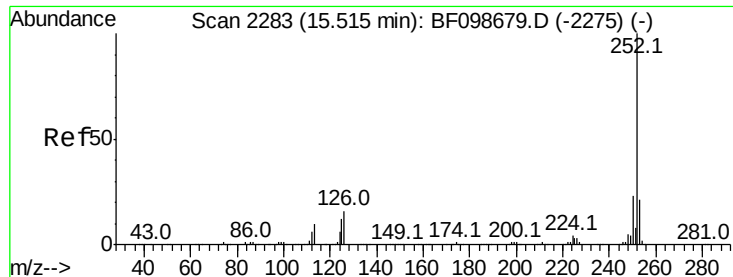
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#88
Benzo(k)fluoranthene
Concen: 48.447 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	13.3	10.2	15.2





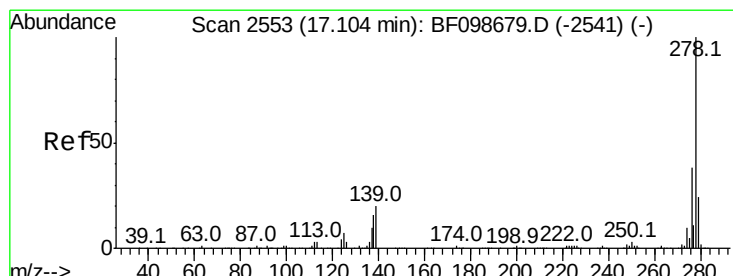
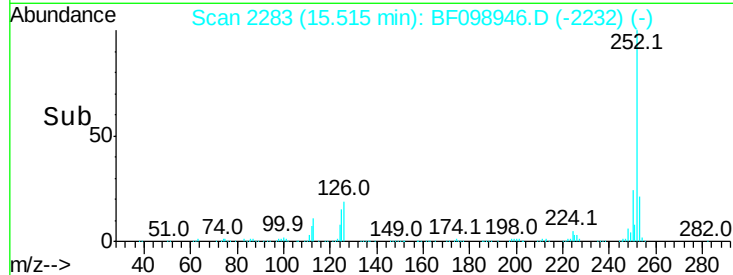
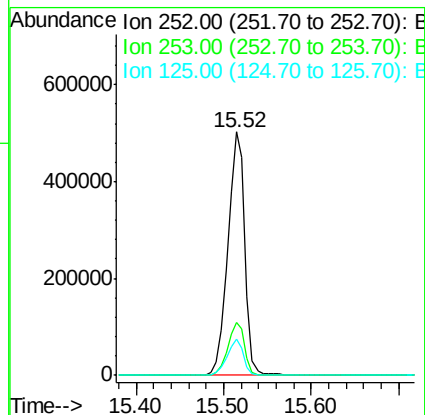
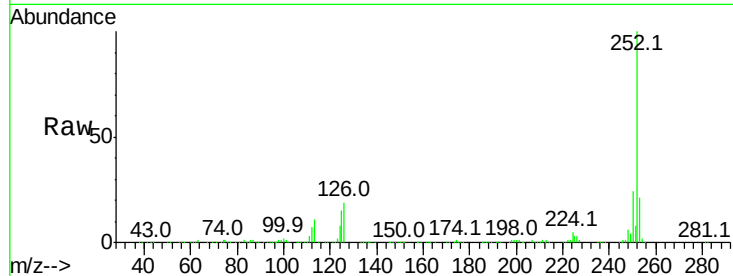
#89
Benzo(a)pyrene
Concen: 52.942 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	14.8	9.8	14.6

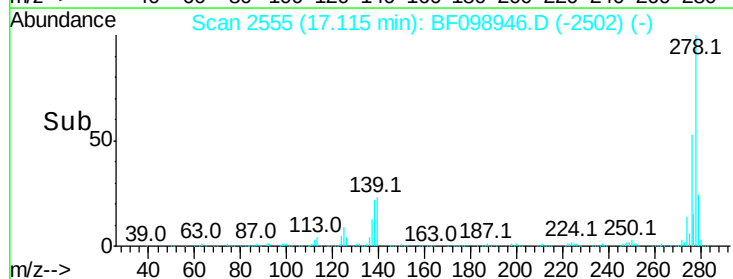
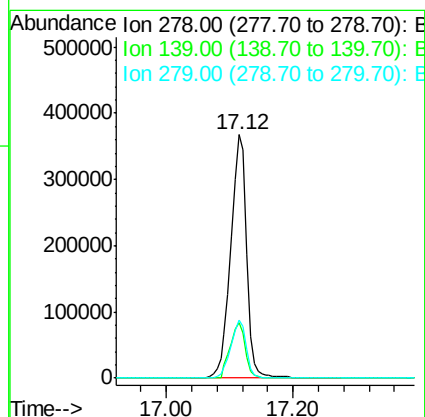
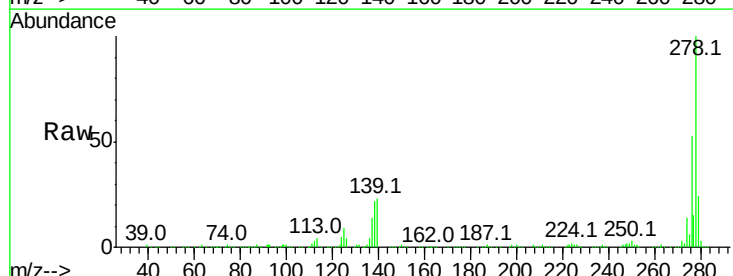
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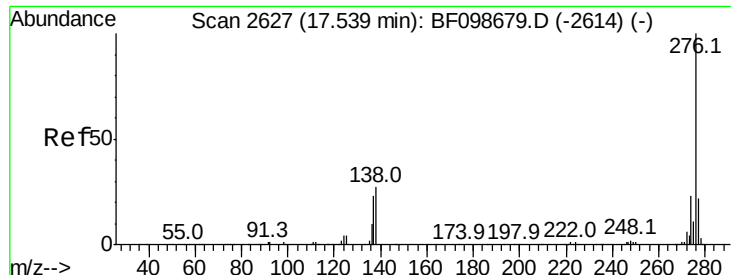
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 62.345 ng
RT: 17.12 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BF098946.D
Acq: 29 Sep 2017 14:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.9	23.9
279	23.7	19.0	28.4





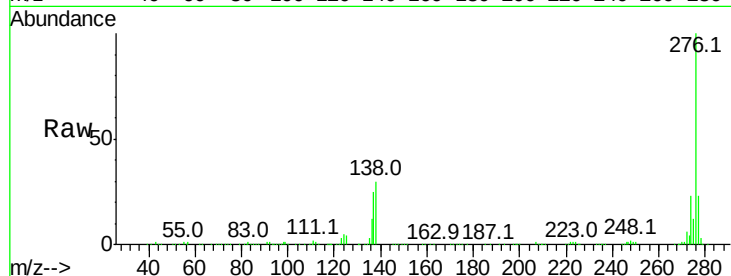
#91
 Benzo(a,h,i)perylene
 Concen: 61.970 ng
 RT: 17.56 min Scan# 2631
 Delta R.T. 0.02 min
 Lab File: BF098946.D
 Acq: 29 Sep 2017 14:24

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

Tot Ion:	276	Resp:	621352
Ion Ratio	Lower	Upper	
276	100		
277	23.4	17.9	26.9
138	29.8	21.8	32.8

Manual Integrations
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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

