

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098038.D
 Acq On : 25 Aug 2017 18:53
 Operator : SJ/JU
 Sample : PB101833BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BSD

Manual Integrations
 APPROVED

Sohil
 8/28/2017 3:13:26 PM

Quant Time: Aug 25 23:55:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	129649	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	518214	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	233464	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	451905	20.00	ng	0.00
75) Chrysene-d12	13.89	240	319021	20.00	ng	0.00
86) Perylene-d12	15.30	264	245195	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1096485	128.64	ng	0.01
7) Phenol-d6	6.39	99	1491937	128.83	ng	0.00
23) Nitrobenzene-d5	7.31	82	927281	97.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	286309	141.34	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1360328	85.61	ng	0.00
78) Terphenyl-d14	12.84	244	1152634	75.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	172053	36.195	ng	90
3) Pyridine	3.21	79	494920	37.662	ng	86
4) n-Nitrosodimethylamine	3.17	42	199489	39.453	ng	81
6) Aniline	6.40	93	431254	26.508	ng	95
8) 2-Chlorophenol	6.53	128	375413	41.764	ng	98
9) Benzaldehyde	6.29	77	197179	26.880	ng	89
10) Phenol	6.40	94	540358	39.895	ng	96
11) bis(2-Chloroethyl)ether	6.48	93	411219	40.225	ng	97
12) 1,3-Dichlorobenzene	6.68	146	370327	38.301	ng	# 94
13) 1,4-Dichlorobenzene	6.76	146	376676	38.304	ng	# 93
14) 1,2-Dichlorobenzene	6.91	146	350597	38.666	ng	100
15) Benzyl Alcohol	6.89	79	370964	42.784	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	539663	39.235	ng	91
17) 2-Methylphenol	7.00	107	345530	43.620	ng	96
18) Hexachloroethane	7.25	117	154831	40.159	ng	# 79
19) n-Nitroso-di-n-propylamine	7.16	70	299737	37.808	ng	91
20) 3+4-Methylphenols	7.16	107	404202	41.777	ng	96
22) Acetophenone	7.15	105	541221	39.534	ng	# 92
24) Nitrobenzene	7.33	77	478554	45.056	ng	95
25) Isophorone	7.57	82	850202	42.863	ng	98
26) 2-Nitrophenol	7.64	139	193599	50.058	ng	# 76
27) 2,4-Dimethylphenol	7.68	122	351128	42.445	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	531931	40.791	ng	99
29) 2,4-Dichlorophenol	7.89	162	300137	43.707	ng	95
30) 1,2,4-Trichlorobenzene	7.96	180	304533	40.005	ng	98
31) Naphthalene	8.05	128	1070451	39.789	ng	100
32) Benzoic acid	7.82	122	189395	33.634	ng	90
33) 4-Chloroaniline	8.09	127	243581	21.468	ng	99
34) Hexachlorobutadiene	8.16	225	172000	38.698	ng	98
35) Caprolactam	8.47	113	111500m	47.762	ng	
36) 4-Chloro-3-methylphenol	8.59	107	376438	42.667	ng	# 81
37) 2-Methylnaphthalene	8.74	142	703971	42.680	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	275667	38.474	ng	# 97
40) Hexachlorocyclopentadiene	8.89	237	323008	93.840	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	205437	42.707	nq	96
43) 2,4,5-Trichlorophenol	9.06	196	211330	44.283	nq	96
45) 1,1'-Biphenyl	9.20	154	815127	38.287	nq	97
46) 2-Chloronaphthalene	9.23	162	609344	38.737	nq	93
47) 2-Nitroaniline	9.32	65	249896	47.387	nq	94
48) Acenaphthylene	9.64	152	1002178	40.570	nq	100
49) Dimethylphthalate	9.51	163	720990	42.248	nq	99
50) 2,6-Dinitrotoluene	9.57	165	156880	46.054	nq #	66
51) Acenaphthene	9.81	154	592013	38.000	nq	99
52) 3-Nitroaniline	9.73	138	117093	26.643	nq	91
53) 2,4-Dinitrophenol	9.85	184	106590	67.583	nq #	71
54) Dibenzofuran	9.99	168	881730	42.228	nq	99
55) 4-Nitrophenol	9.90	139	293868	83.820	nq #	40
56) 2,4-Dinitrotoluene	9.97	165	210198	49.170	nq #	47
57) Fluorene	10.33	166	651165	40.336	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	175963	47.625	nq	94
59) Diethylphthalate	10.20	149	734958	41.183	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	300058	40.009	nq	91
61) 4-Nitroaniline	10.35	138	181792	43.521	nq #	71
62) Azobenzene	10.48	77	889559	41.963	nq	94
64) 4,6-Dinitro-2-methylphenol	10.38	198	85420	41.480	nq #	71
65) n-Nitrosodiphenylamine	10.44	169	611648	39.747	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	190909	40.682	nq	99
67) Hexachlorobenzene	10.87	284	187594	39.220	nq #	80
68) Atrazine	10.97	200	183191	44.888	nq	99
69) Pentachlorophenol	11.07	266	202401	72.575	nq	99
70) Phenanthrene	11.29	178	971779	40.355	nq	100
71) Anthracene	11.34	178	1003284	41.077	nq	100
72) Carbazole	11.49	167	964381	41.597	nq	99
73) Di-n-butylphthalate	11.83	149	1102563	41.287	nq	99
74) Fluoranthene	12.47	202	1019557	40.564	nq	100
76) Benzidine	12.59	184	396616	37.917	nq #	91
77) Pyrene	12.70	202	1056721	40.499	nq	99
79) Butylbenzylphthalate	13.32	149	460802	46.063	nq #	79
80) Benzo(a)anthracene	13.88	228	740445	38.726	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	177154	27.457	nq #	96
82) Chrysene	13.92	228	751422	39.506	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	526251	47.473	nq #	99
84) Di-n-octyl phthalate	14.49	149	929094	48.169	nq	98
85) Indeno(1,2,3-cd)pyrene	16.69	276	633409	45.269	nq	94
87) Benzo(b)fluoranthene	14.90	252	628044	40.636	nq	98
88) Benzo(k)fluoranthene	14.93	252	597072	41.119	nq #	93
89) Benzo(a)pyrene	15.25	252	581614	42.509	nq	98
90) Dibenzo(a,h)anthracene	16.70	278	516433	46.363	nq	97
91) Benzo(g,h,i)perylene	17.10	276	553856	47.653	nq	94

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

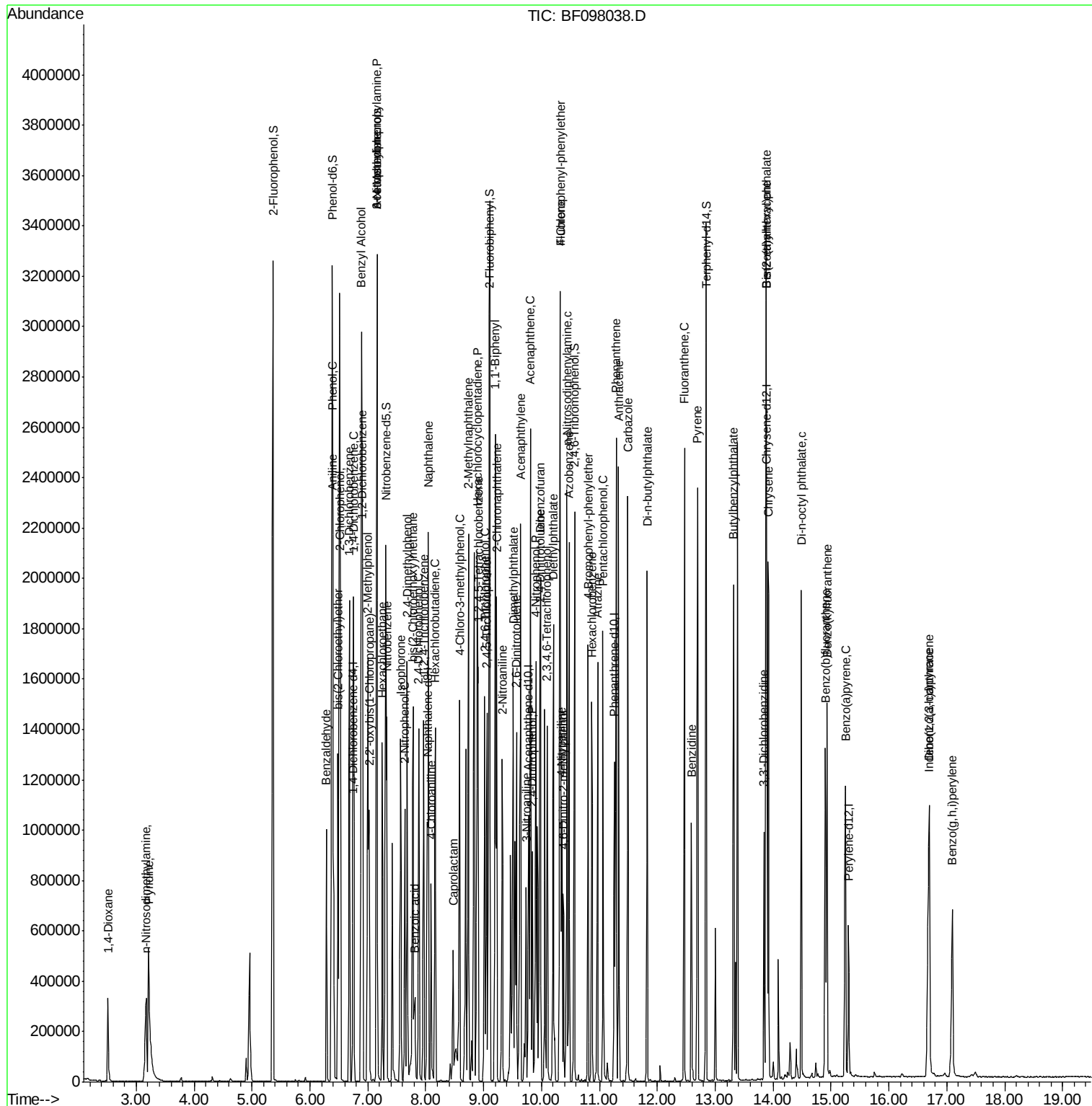
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
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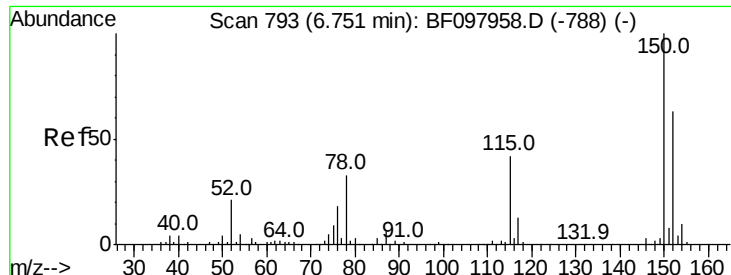
Instrument :
BNA_F
ClientSampleId :
PB101833BSD

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#1

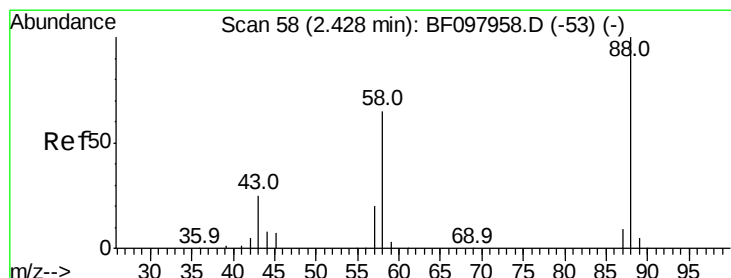
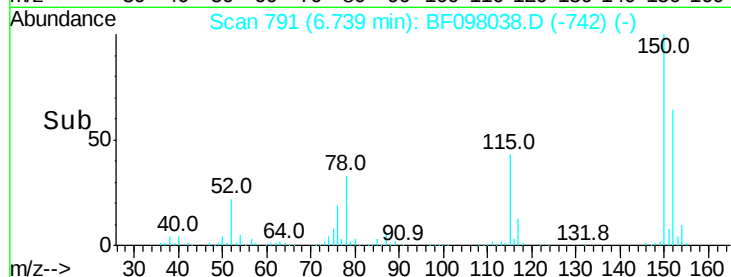
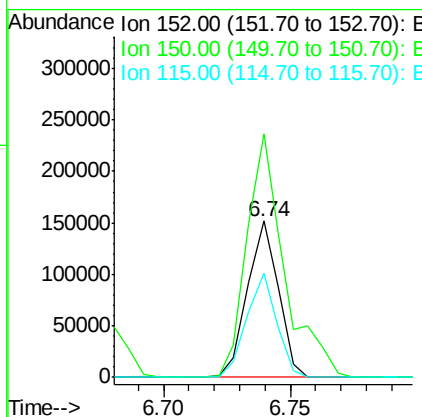
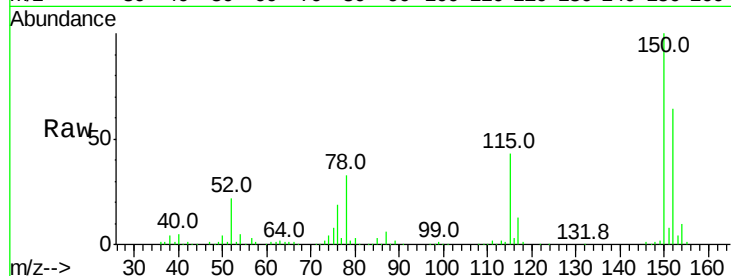
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.2	189.2
115	66.5	52.2	78.2

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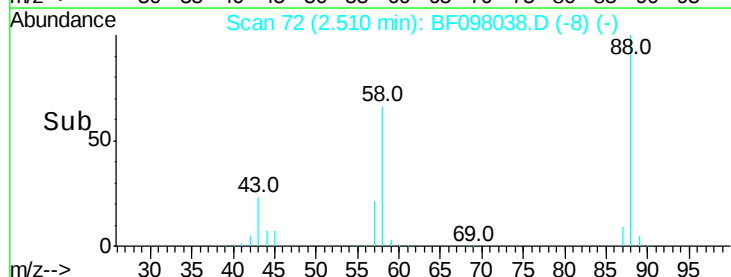
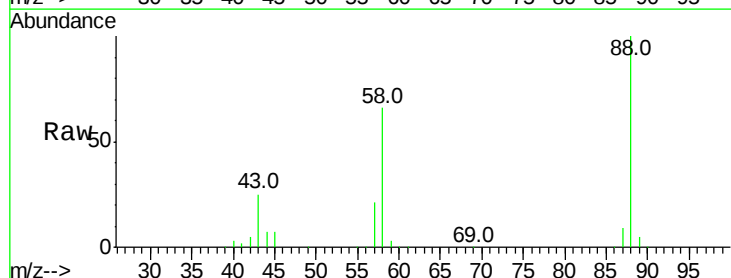
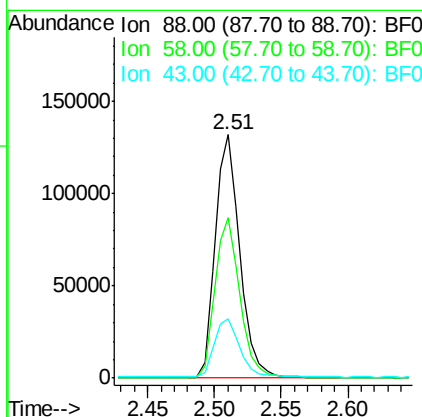
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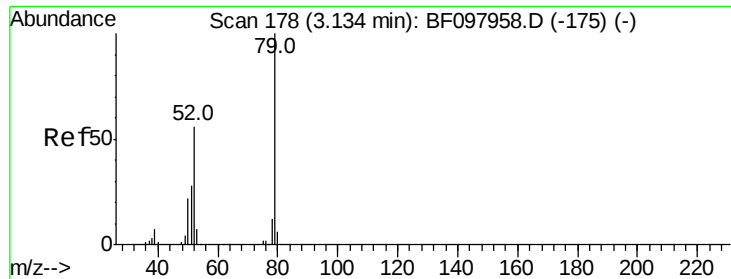


#2

1,4-Dioxane
Concen: 36.195 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.08 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.0	61.4	92.0
43	25.0	23.4	35.0





#3

Pvridine

Concen: 37.662 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.08 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Instrument :

BNA_F

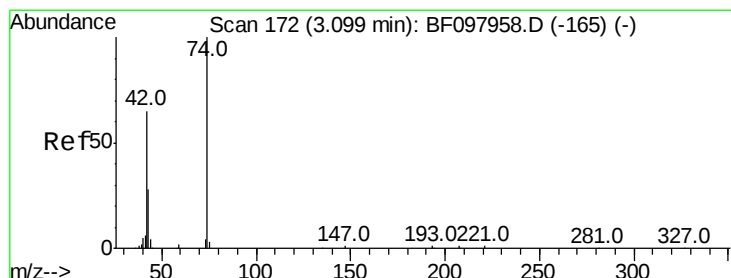
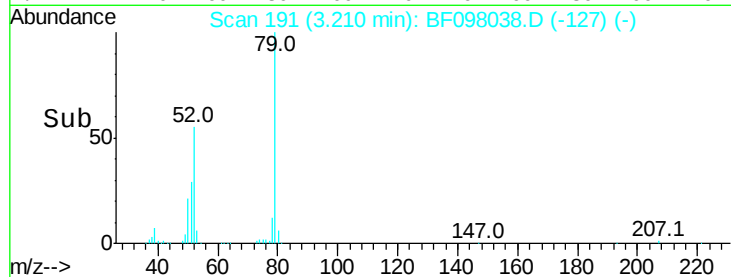
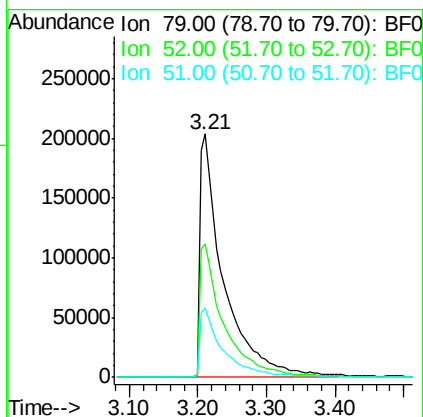
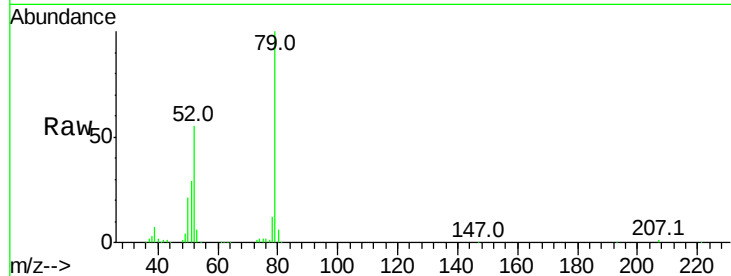
ClientSampled :

PB101833BSD

Tot Ion:	79	Resp:	494920
Ion Ratio	Lower	Upper	
79	100		
52	55.0	54.8	82.2
51	28.7	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 39.453 ng

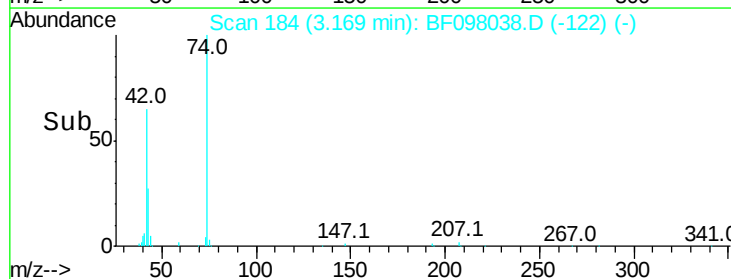
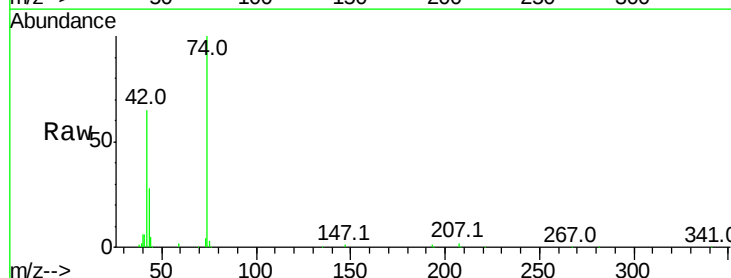
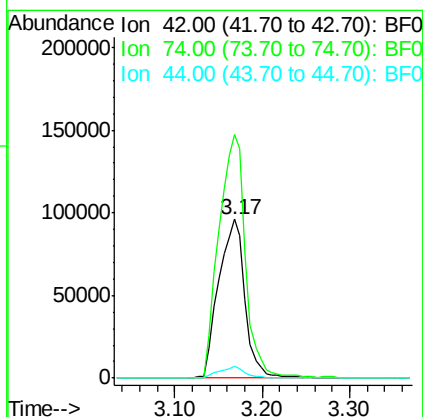
RT: 3.17 min Scan# 184

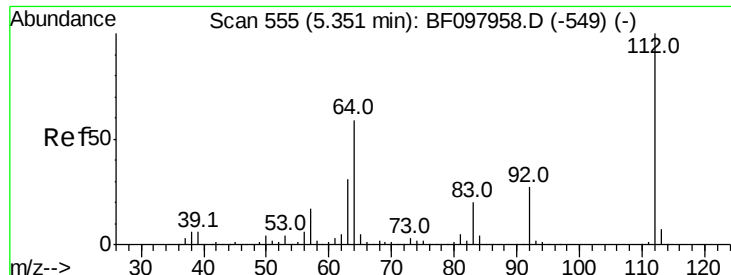
Delta R.T. 0.06 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Tgt Ion:	42	Resp:	199489
Ion Ratio	Lower	Upper	
42	100		
74	153.4	103.9	155.9
44	7.3	5.7	8.5





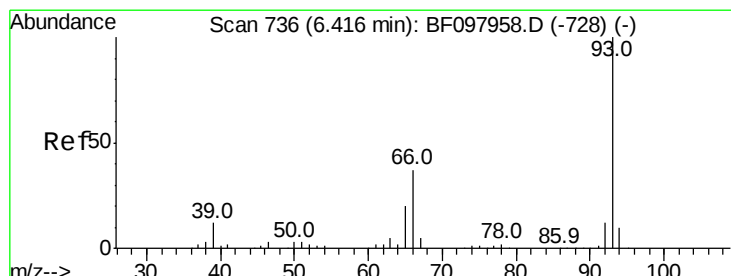
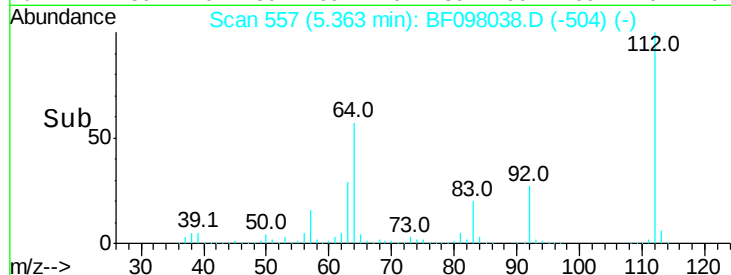
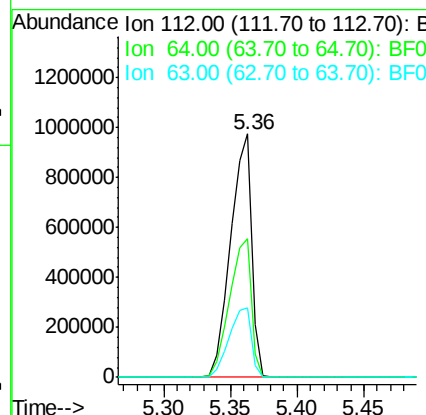
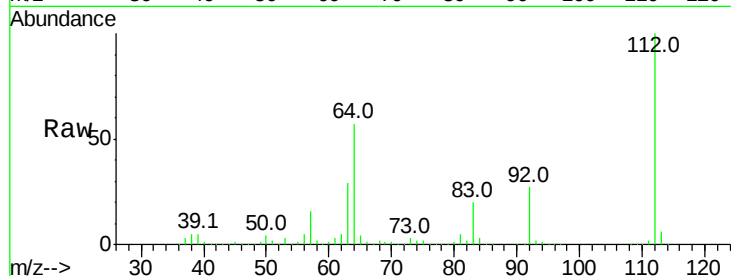
#5
 2-Fluorophenol
 Concen: 128.642 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BSD

Tot Ion:	112	Resp:	1096485
Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.0	69.0
63	28.6	23.4	35.0

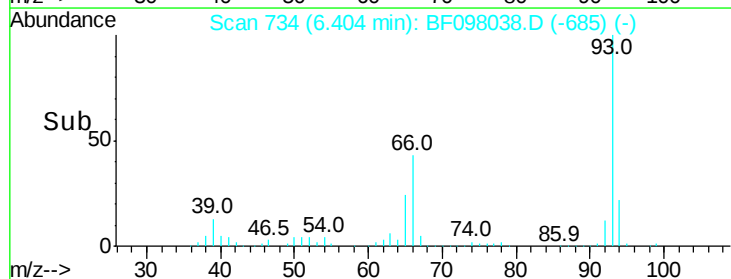
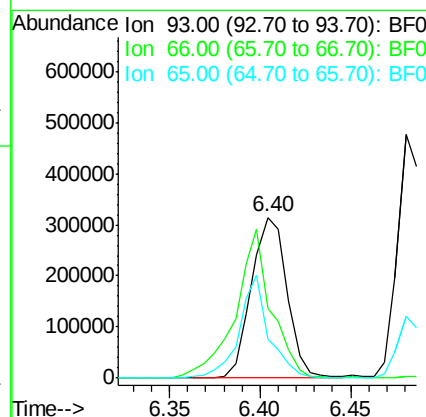
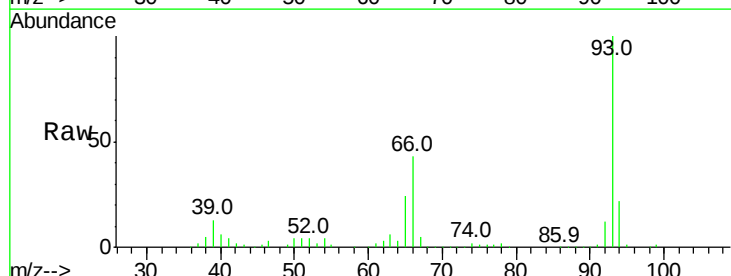
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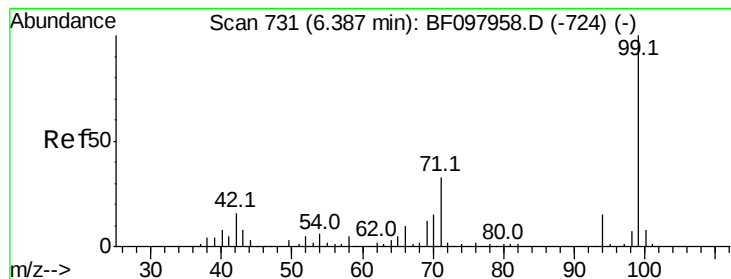
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#6
 Aniline
 Concen: 26.508 ng
 RT: 6.40 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Tgt Ion:	93	Resp:	431254
Ion	Ratio	Lower	Upper
93	100		
66	43.3	32.9	49.3
65	23.8	16.0	24.0





#7

Phenol-d6

Concen: 128.826 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Instrument :

BNA_F

ClientSampleId :

PB101833BSD

Tot Ion: 99 Resp: 1491937

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

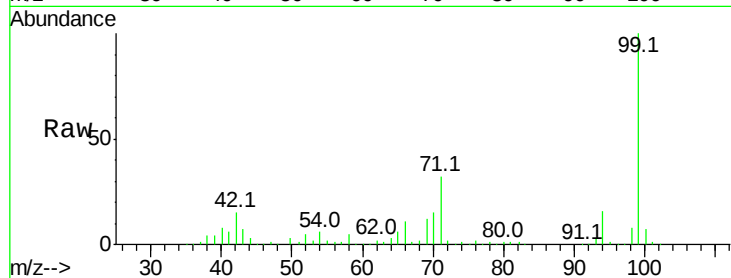
71 31.9 24.5 36.7

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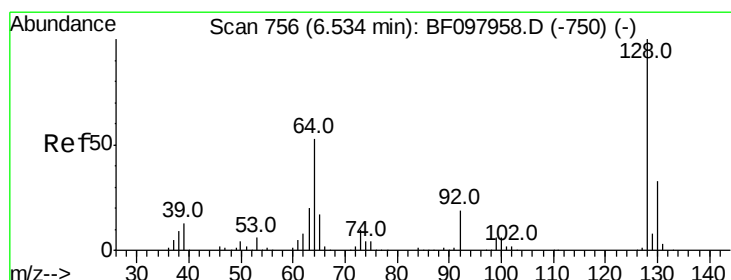
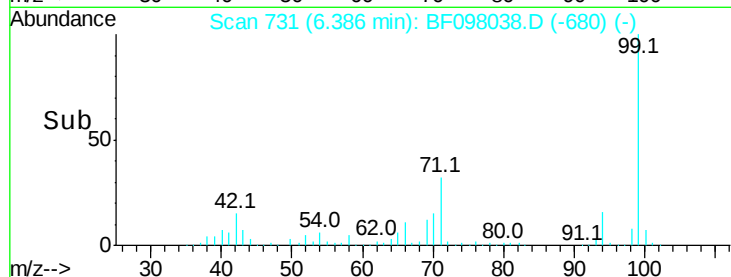
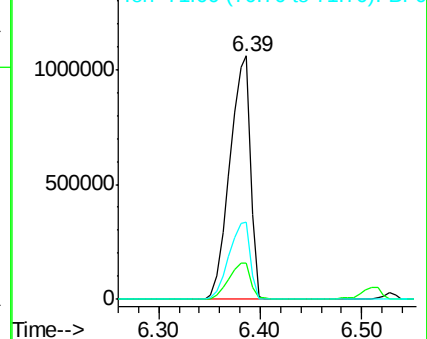
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.764 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

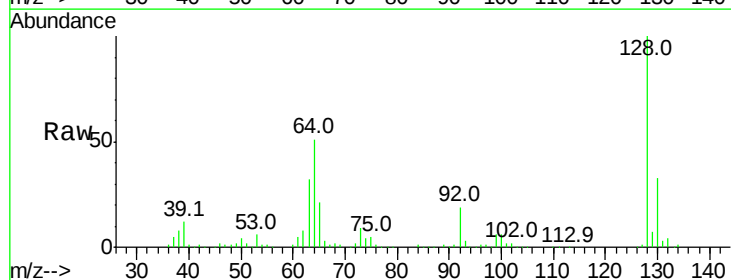
Tgt Ion: 128 Resp: 375413

Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

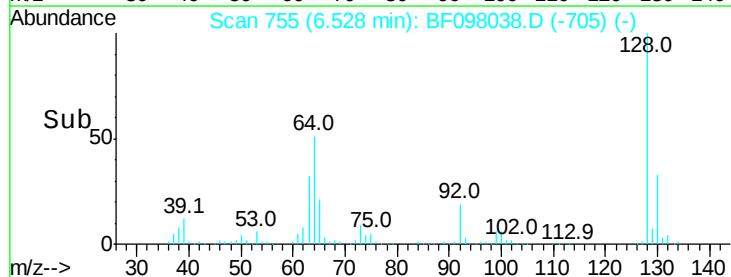
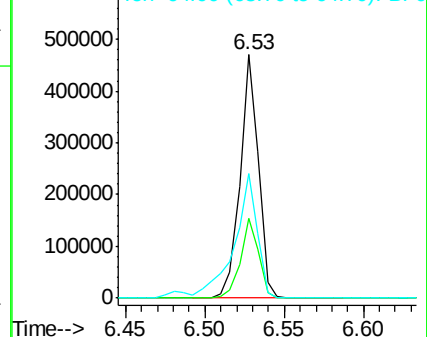
64 50.9 28.4 68.4

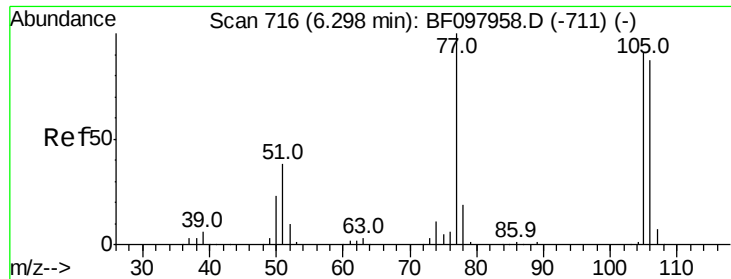


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 26.880 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.01 min

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Acq: 25 Aug 2017 18:53

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BNA_F

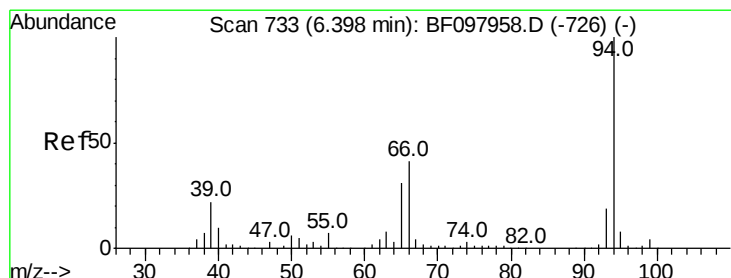
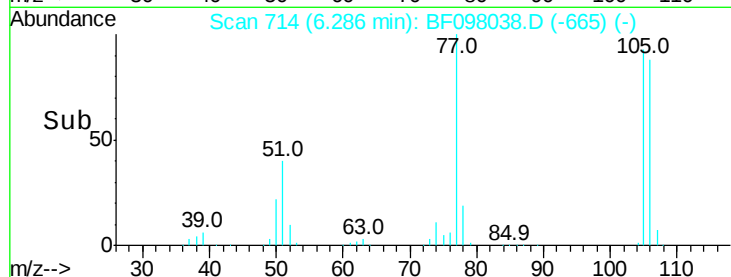
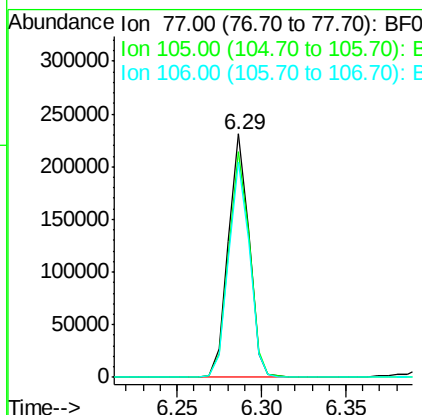
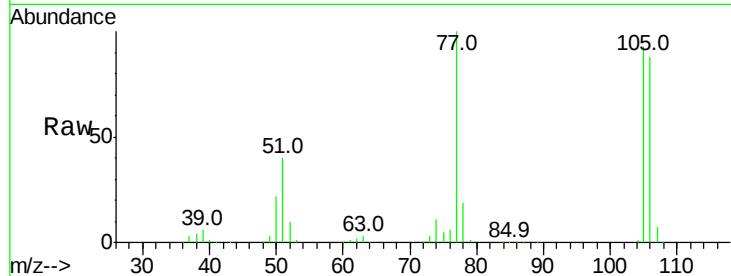
ClientSampleId :

PB101833BSD

Tot Ion:	77	Resp:	197179
Ion Ratio	Lower	Upper	
77	100		
105	92.8	83.8	123.8
106	88.5	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 39.895 ng

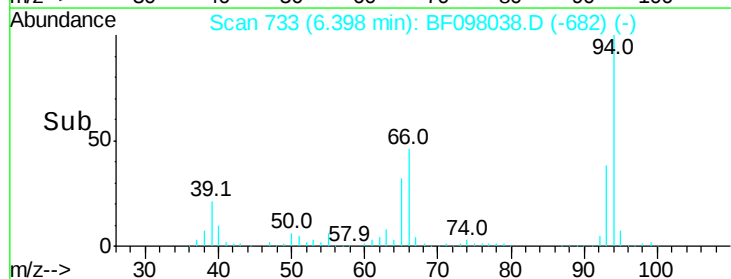
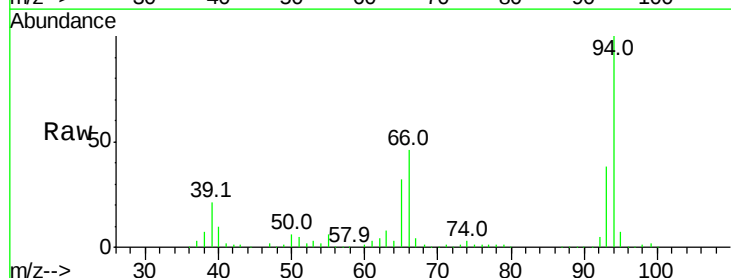
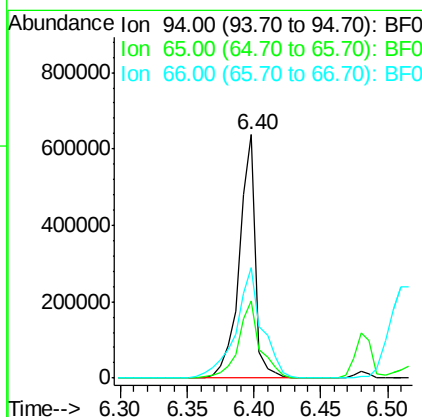
RT: 6.40 min Scan# 733

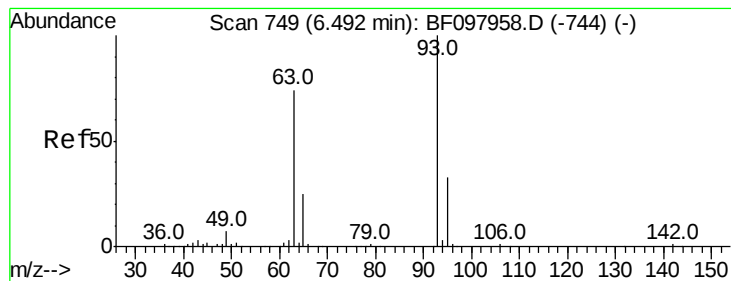
Delta R.T. -0.00 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Tgt Ion:	94	Resp:	540358
Ion Ratio	Lower	Upper	
94	100		
65	31.7	9.9	49.9
66	45.6	23.1	63.1





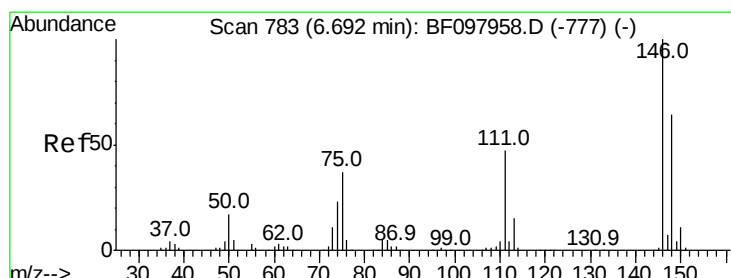
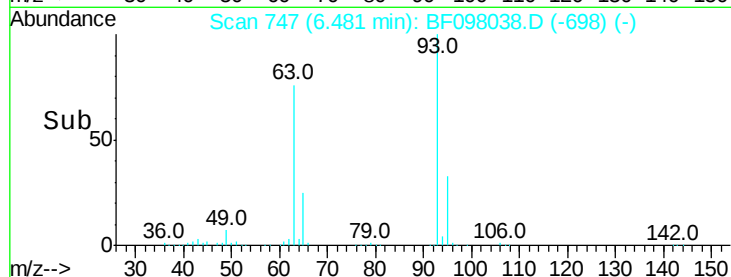
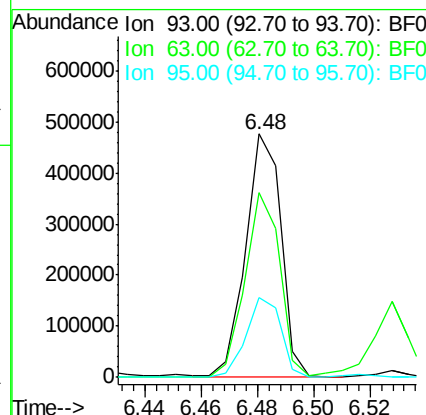
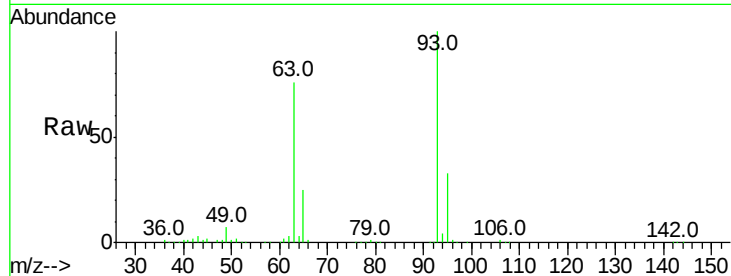
#11
bis(2-Chloroethyl)ether
Concen: 40.225 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.9	59.2	99.2	
95	32.5	12.8	52.8	

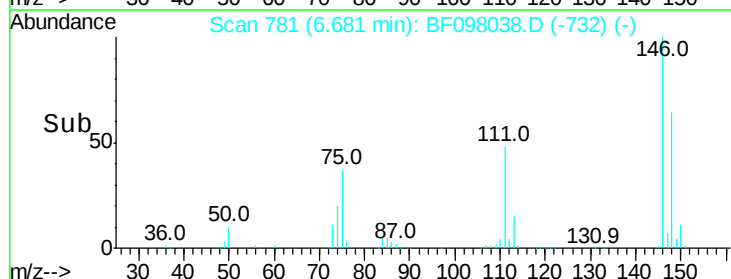
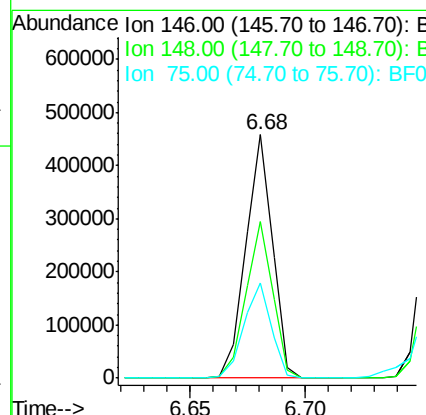
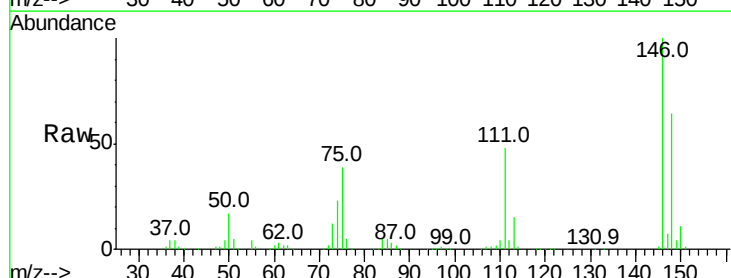
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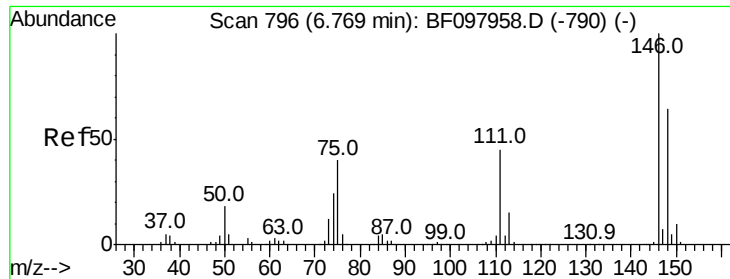
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#12
1,3-Dichlorobenzene
Concen: 38.301 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.4	51.8	77.6	
75	38.8	23.1	34.7#	





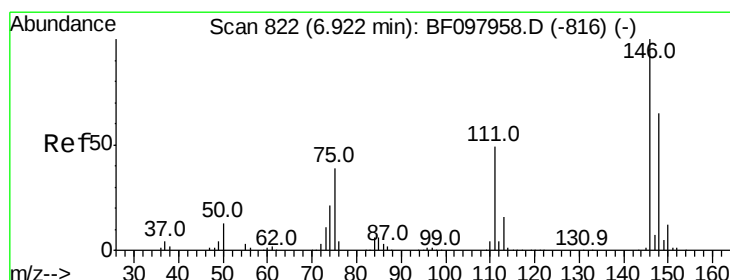
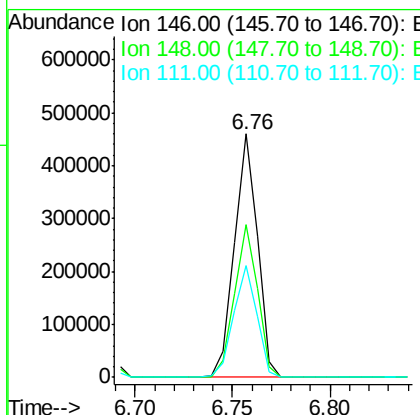
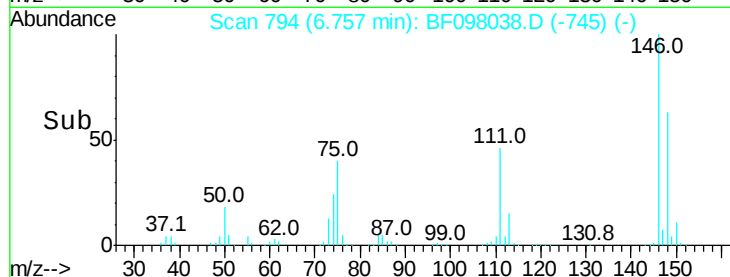
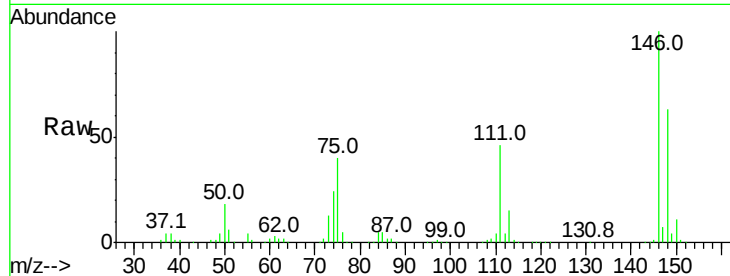
#13
 1,4-Dichlorobenzene
 Concen: 38.304 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.2
111	45.7	30.3	45.5#

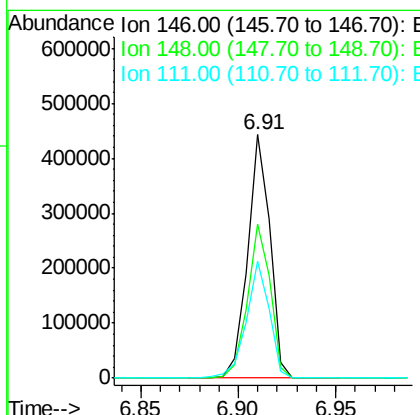
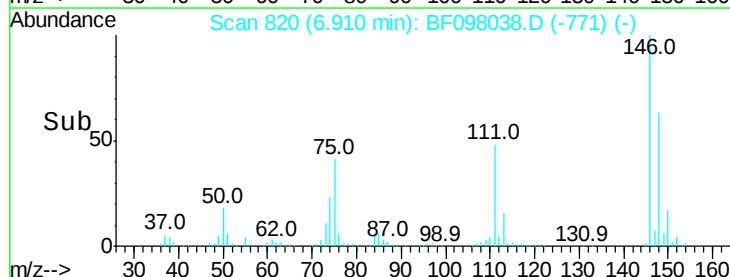
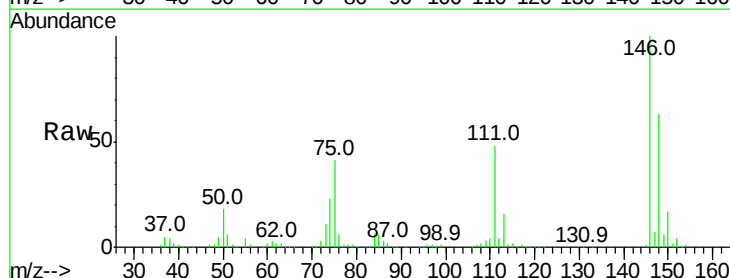
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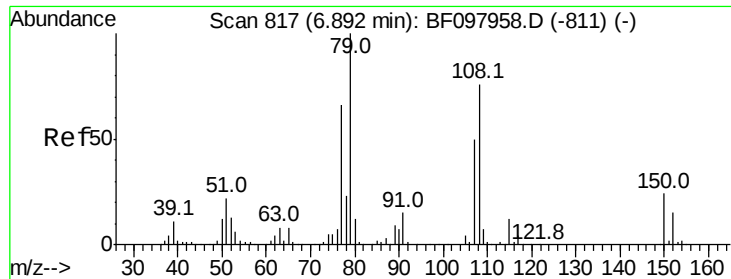
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#14
 1,2-Dichlorobenzene
 Concen: 38.666 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.4	75.6
111	48.1	38.2	57.4





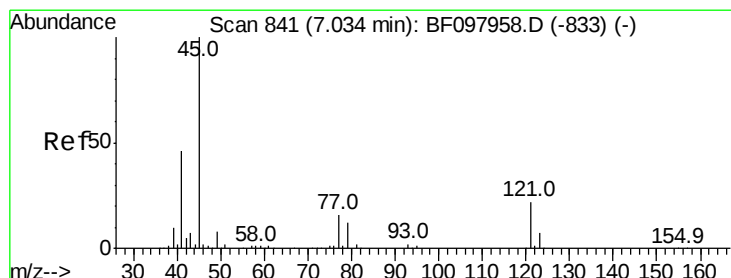
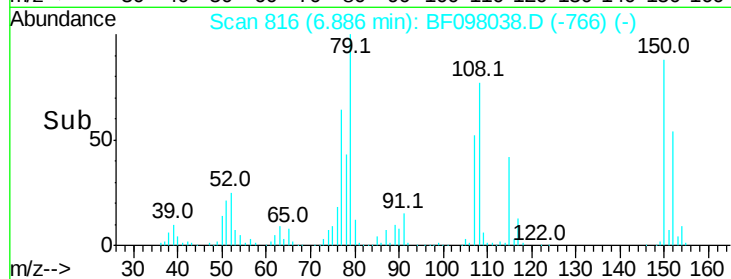
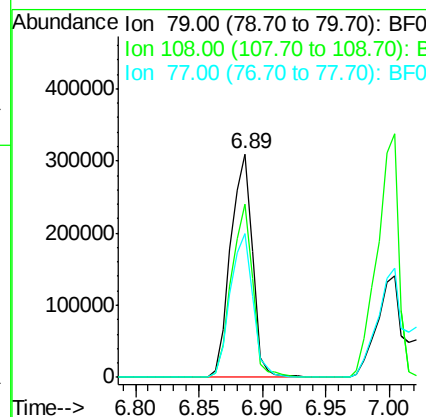
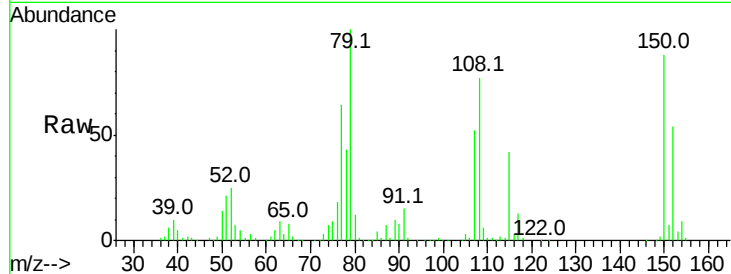
#15
Benzyl Alcohol
Concen: 42.784 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.3	63.4	95.0
77	64.3	49.2	73.8

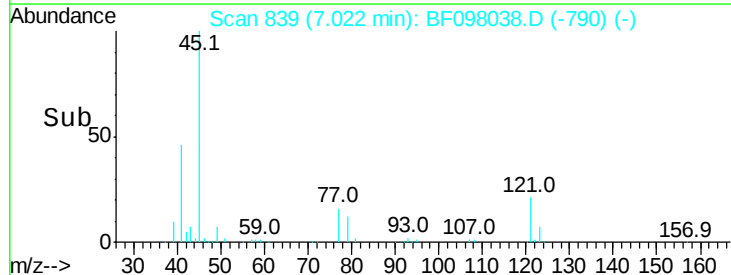
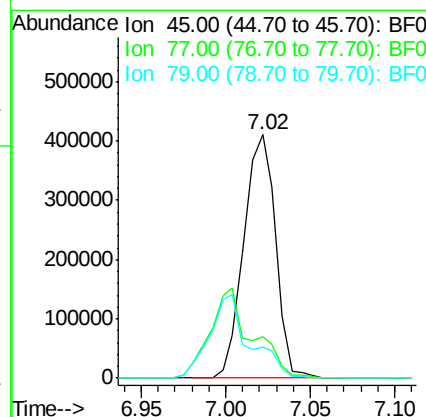
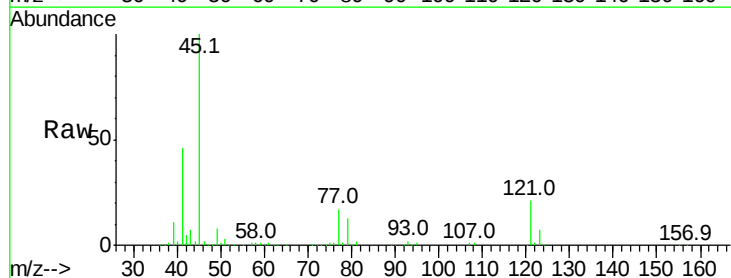
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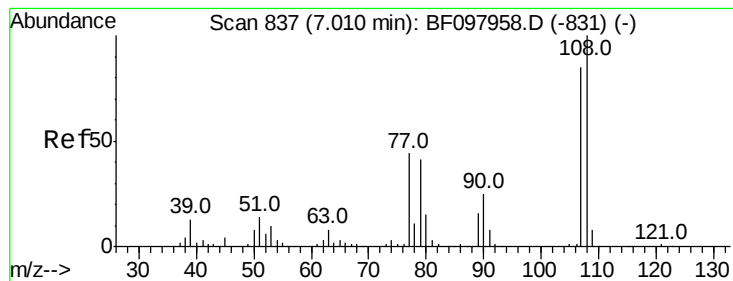
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.235 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	33.2
79	12.6	0.0	30.0





#17

2-Methylphenol

Concen: 43.620 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Instrument :

BNA_F

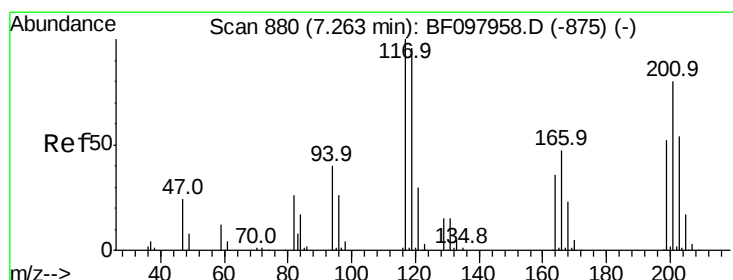
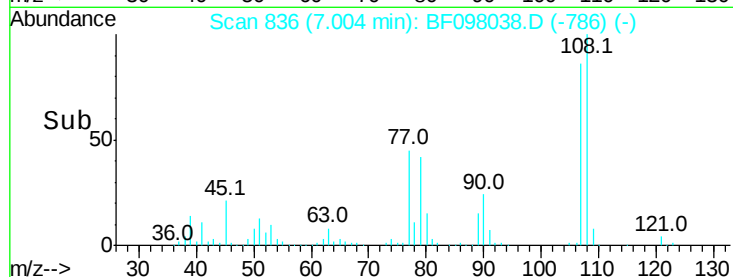
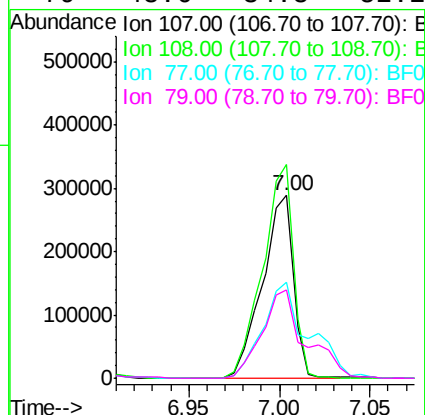
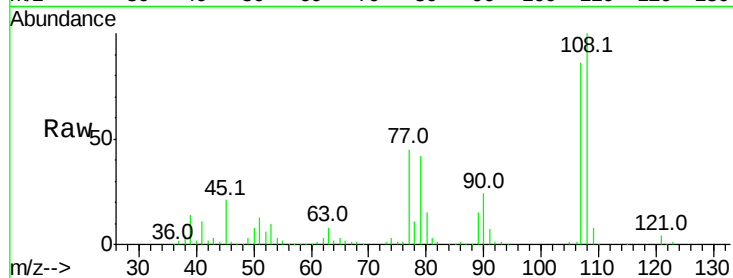
ClientSampled :

PB101833BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.9	93.4	140.0	
77	52.7	35.8	53.6	
79	48.6	34.8	52.2	

Manual Integrations
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#18

Hexachloroethane

Concen: 40.159 ng

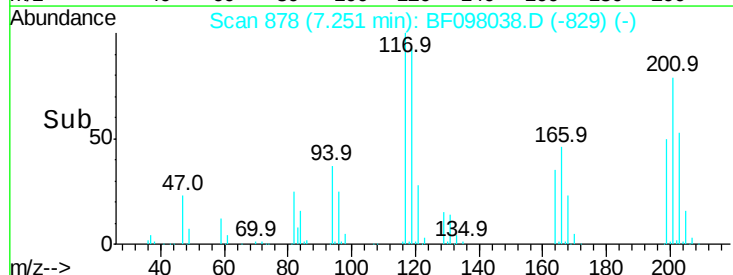
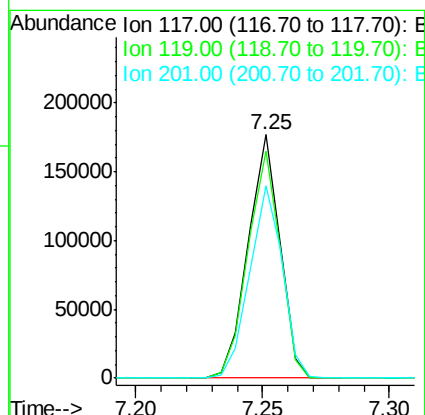
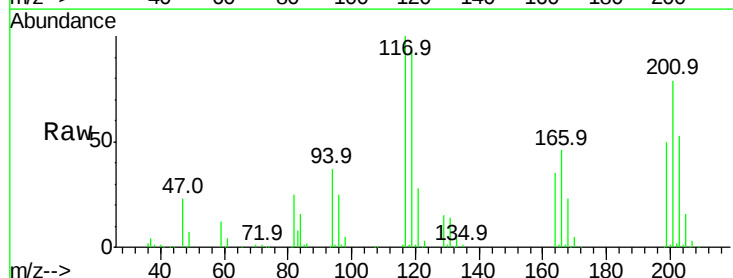
RT: 7.25 min Scan# 878

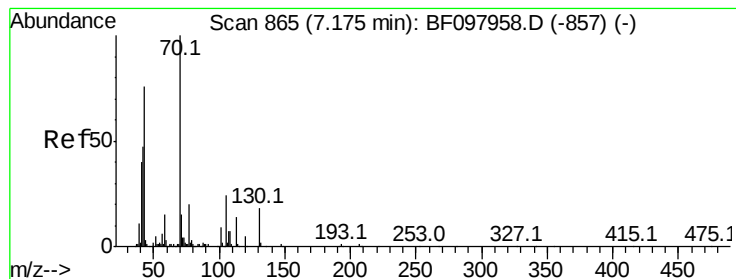
Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.5	77.4	116.0	
201	79.1	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 37.808 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Instrument :

BNA_F

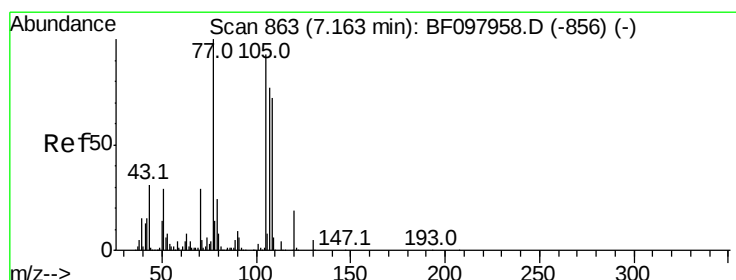
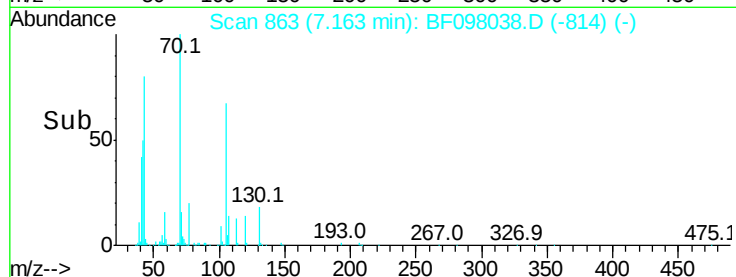
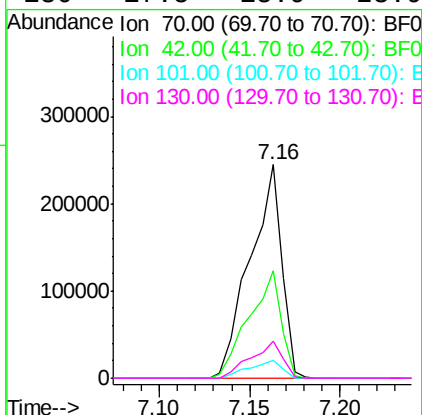
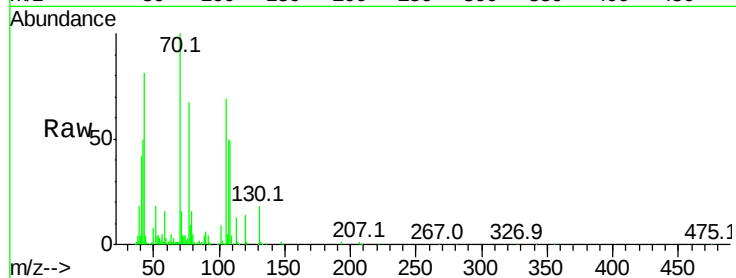
ClientSampleId :

PB101833BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	50.3	47.2	70.8		
101	8.6	7.2	10.8		
130	17.5	15.9	23.9		

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#20

3+4-Methylphenols

Concen: 41.777 ng

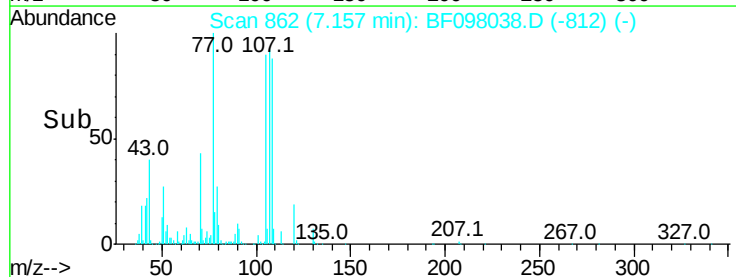
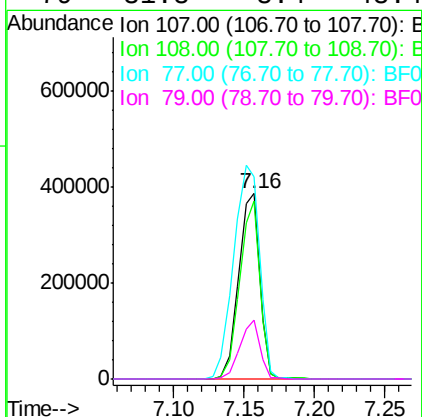
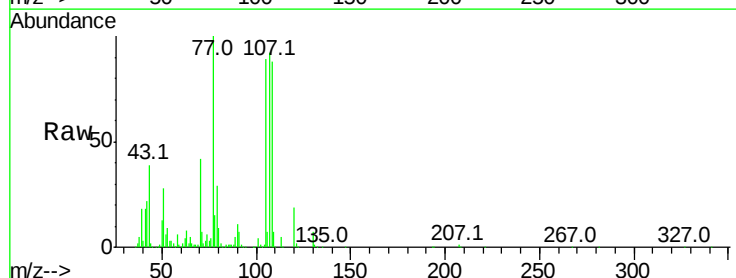
RT: 7.16 min Scan# 862

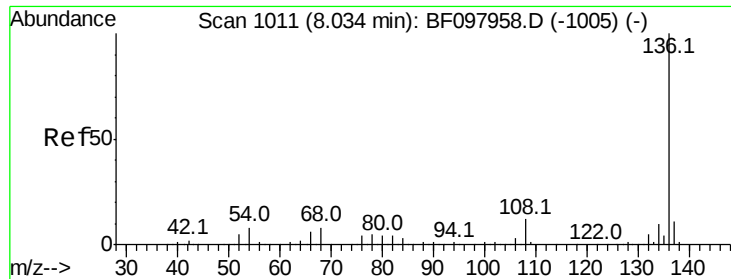
Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	95.8	71.0	111.0		
77	109.0	90.5	130.5		
79	31.8	8.4	48.4		





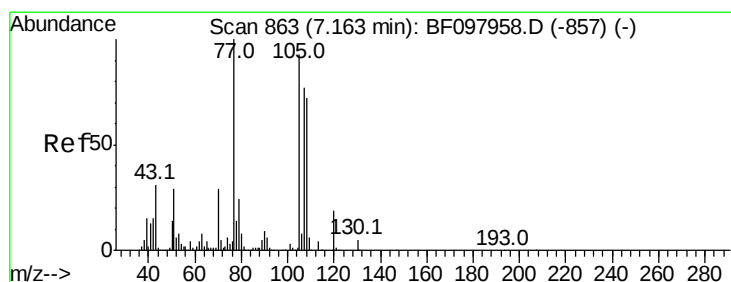
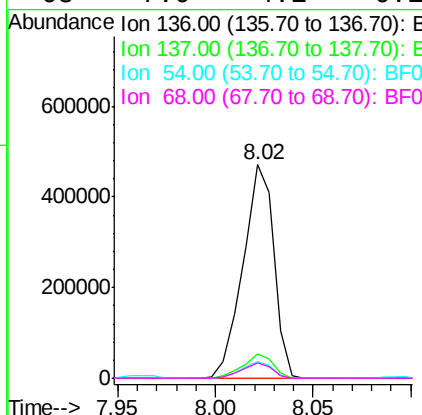
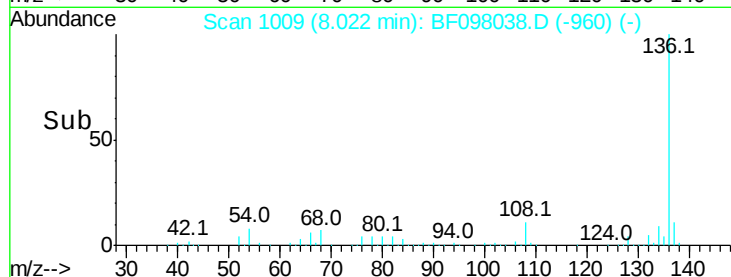
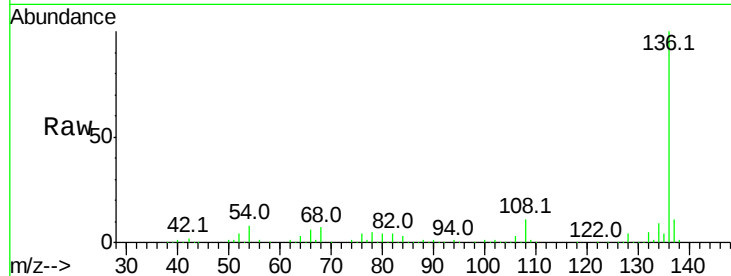
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.0	4.9	7.3#
68	7.0	4.1	6.1#

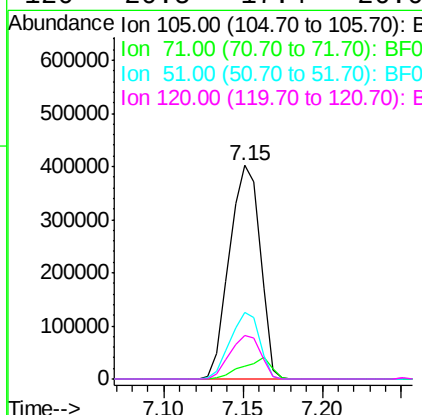
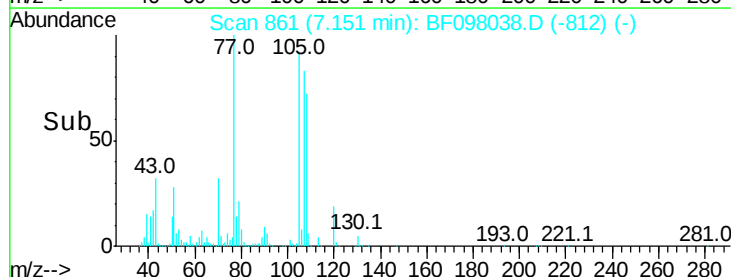
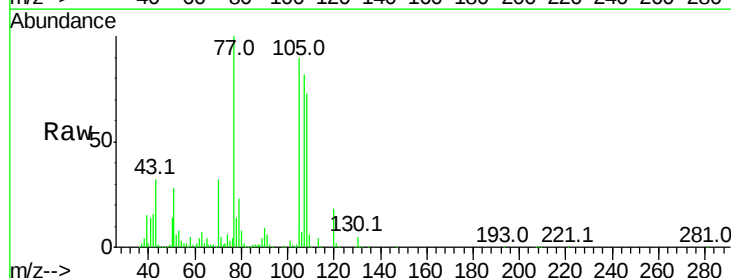
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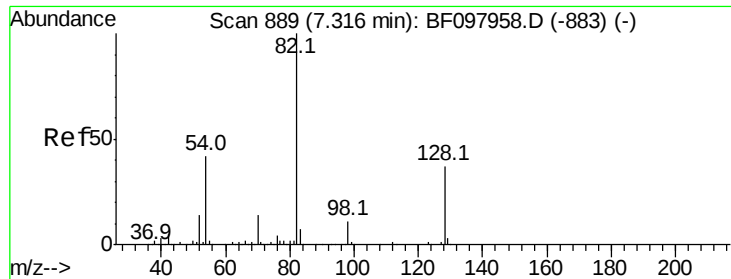
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#22
Acetophenone
Concen: 39.534 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.8	2.8	4.2#
51	31.3	30.7	46.1
120	20.5	17.4	26.0





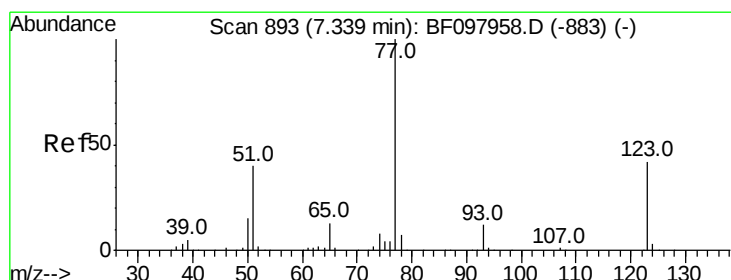
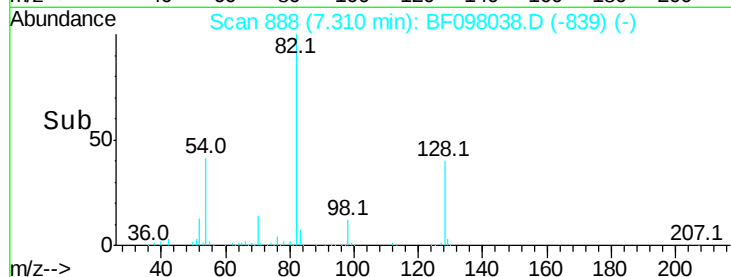
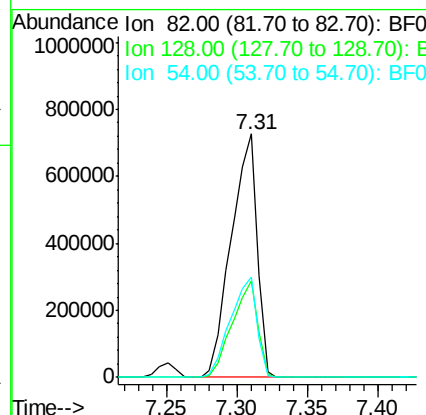
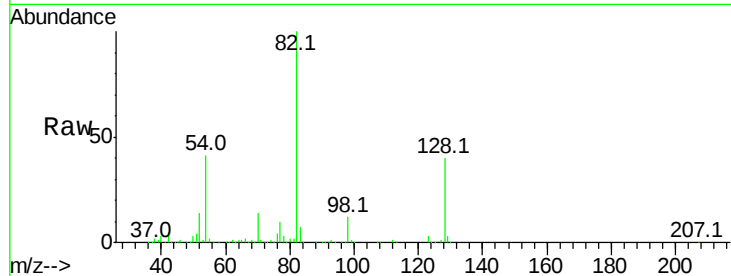
#23
 Nitrobenzene-d5
 Concen: 97.207 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.0	51.0
54	41.1	42.2	63.2#

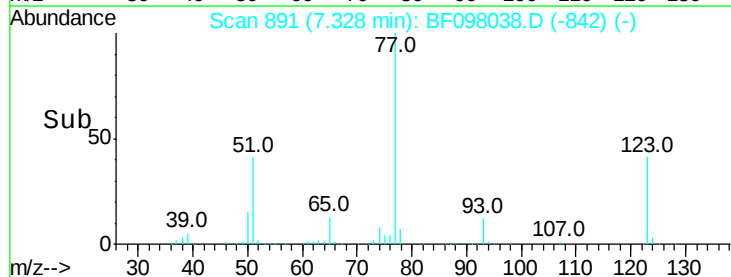
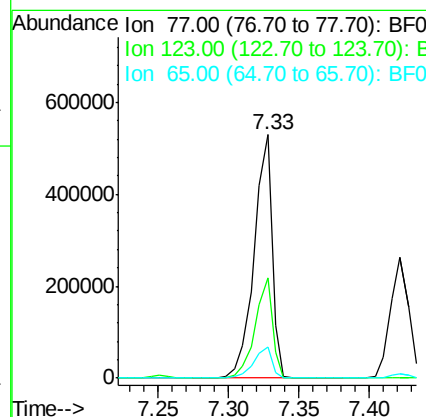
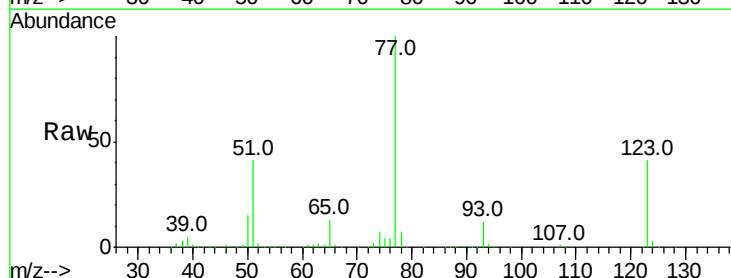
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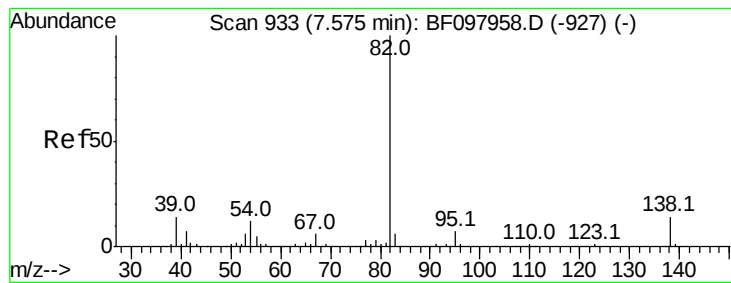
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#24
 Nitrobenzene
 Concen: 45.056 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.0	35.8	53.8
65	12.6	10.6	15.8





#25

Isophorone

Concen: 42.863 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Instrument :

BNA_F

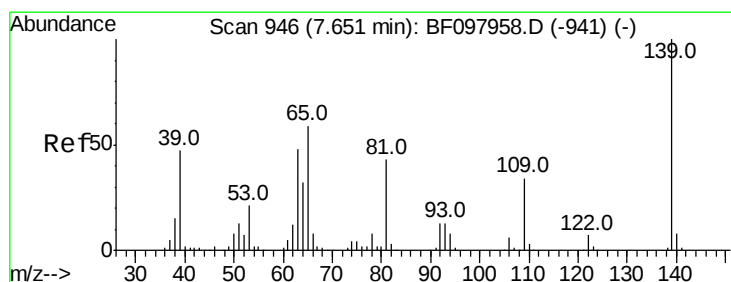
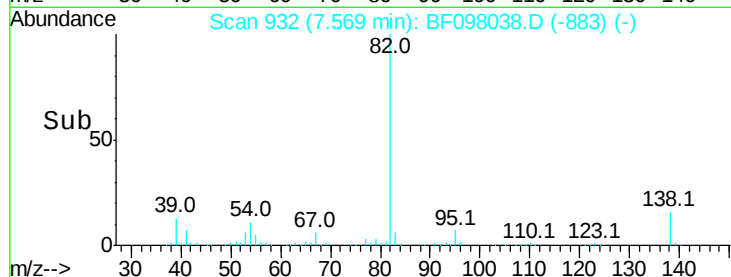
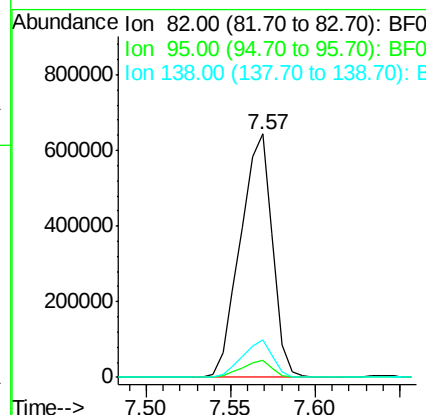
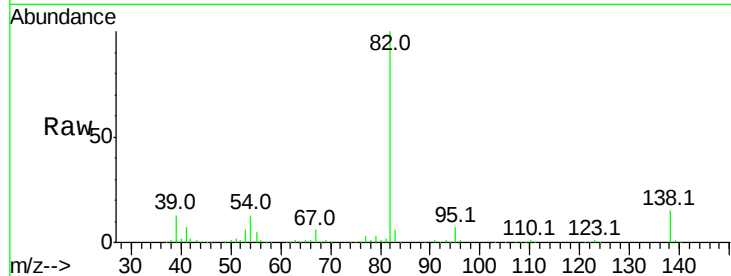
ClientSampleId :

PB101833BSD

Tot Ion:	82	Resp:	850202
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	15.2	13.1	19.7

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#26

2-Nitrophenol

Concen: 50.058 ng

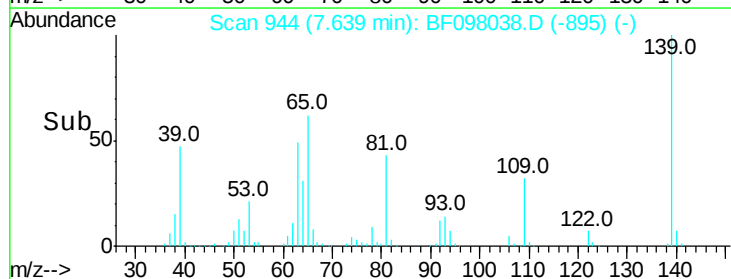
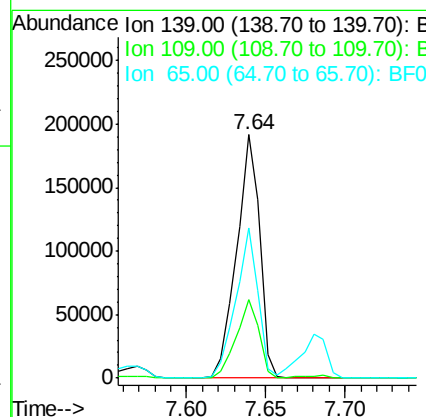
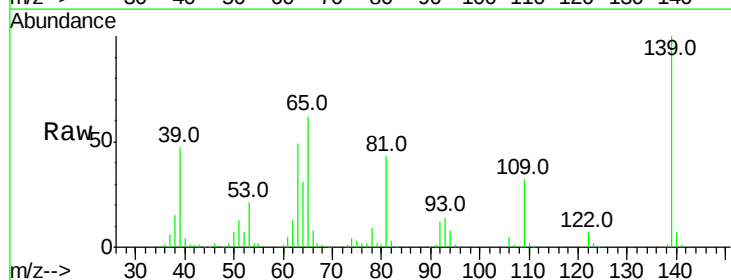
RT: 7.64 min Scan# 944

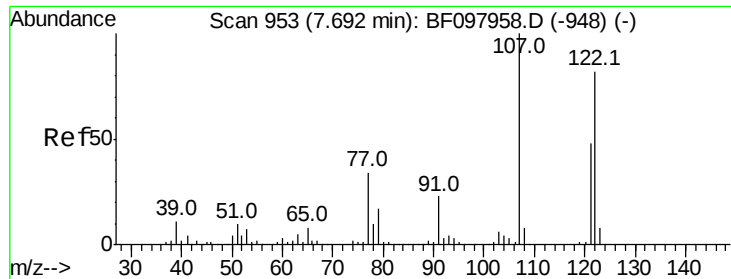
Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Tgt Ion:	139	Resp:	193599
Ion Ratio	Lower	Upper	
139	100		
109	32.4	21.0	31.6#
65	61.6	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 42.445 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Instrument :

BNA_F

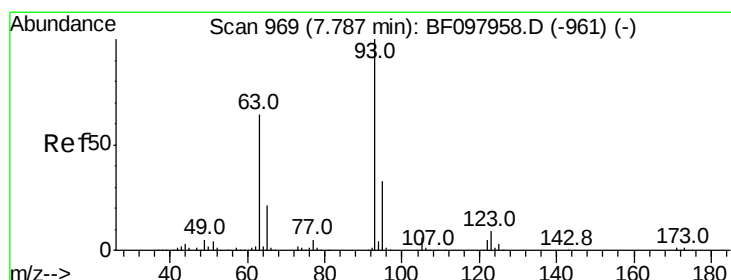
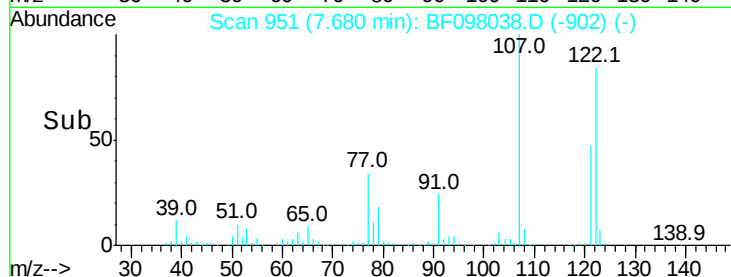
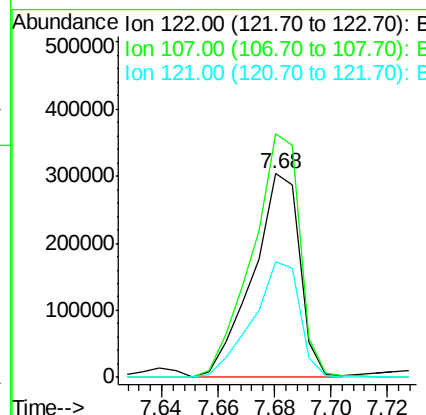
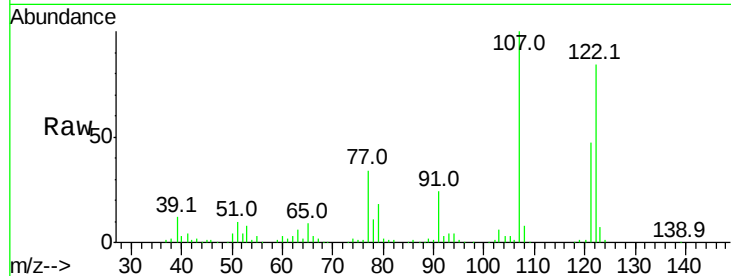
ClientSampleId :

PB101833BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	119.5	89.2	133.8	
121	56.5	45.2	67.8	

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#28

bis(2-Chloroethoxy)methane

Concen: 40.791 ng

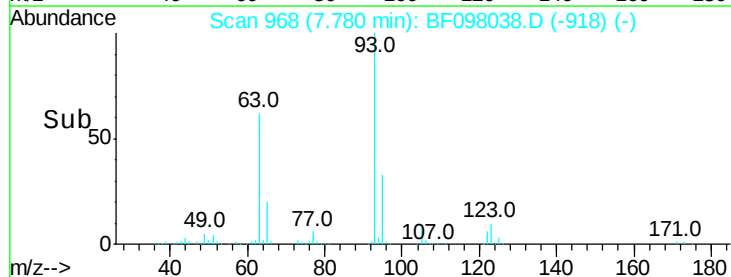
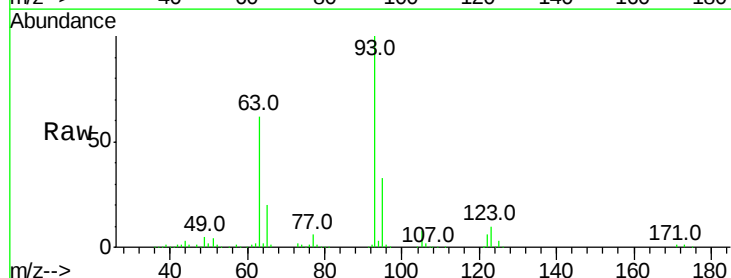
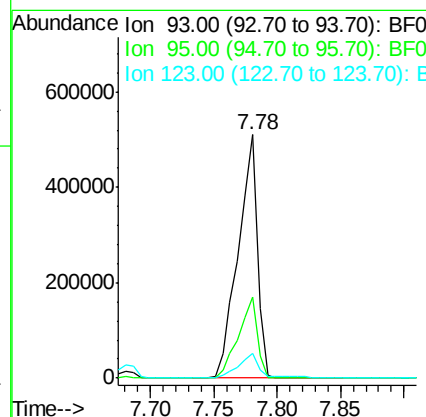
RT: 7.78 min Scan# 968

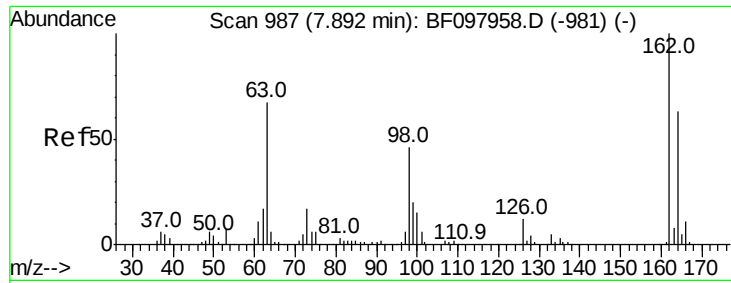
Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.1	26.5	39.7	
123	10.1	9.0	13.4	





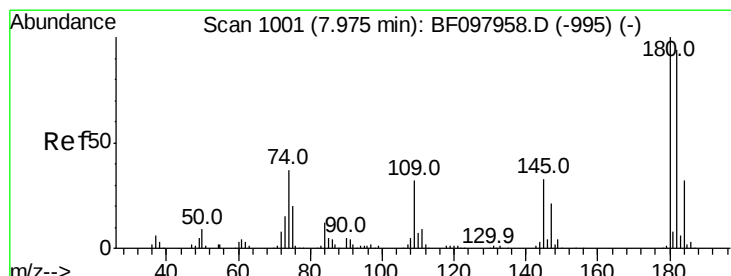
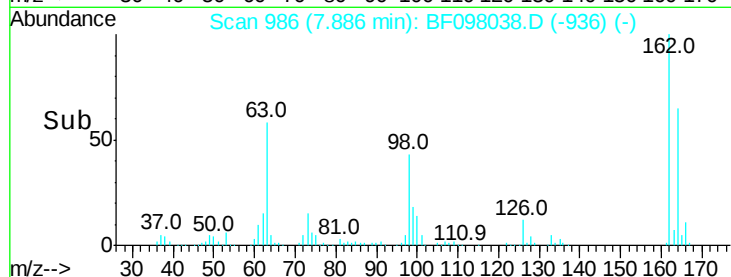
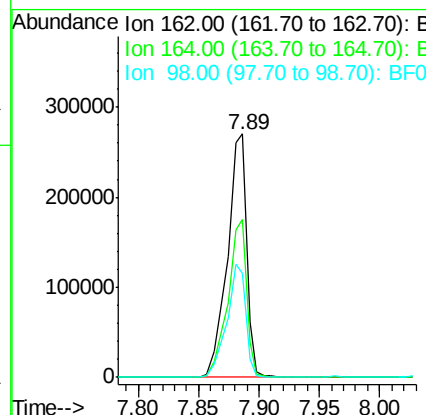
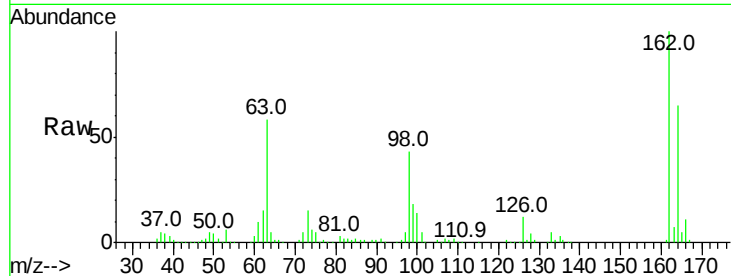
#29
2,4-Dichlorophenol
Concen: 43.707 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.7	44.6	84.6
98	42.8	14.8	54.8

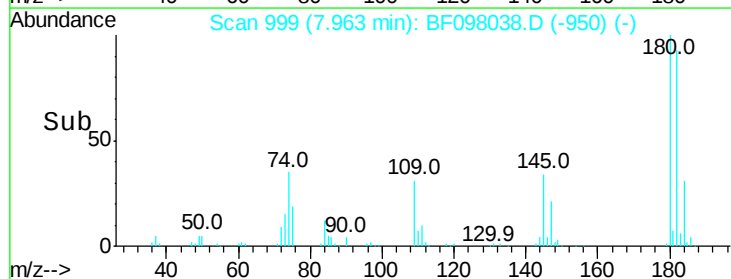
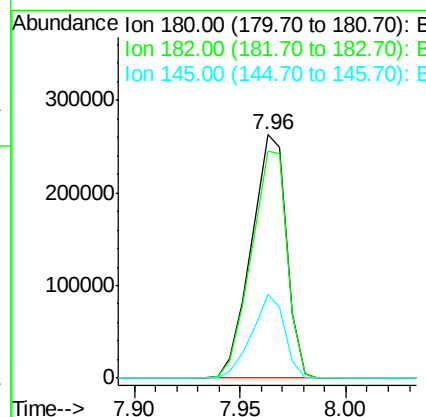
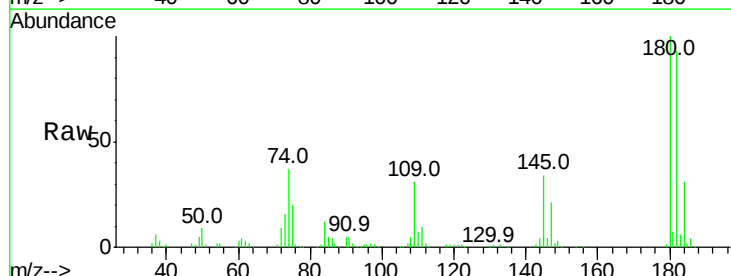
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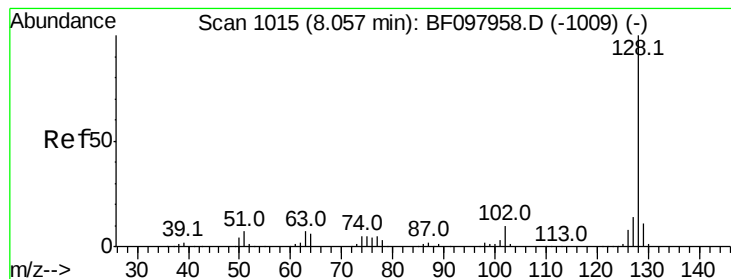
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#30
1,2,4-Trichlorobenzene
Concen: 40.005 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.2	75.8	113.6
145	34.1	25.3	37.9





#31

Naphthalene

Concen: 39.789 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Instrument :

BNA_F

ClientSampleId :

PB101833BSD

Tot Ion:128 Resp: 1070451

Ion Ratio Lower Upper

128 100

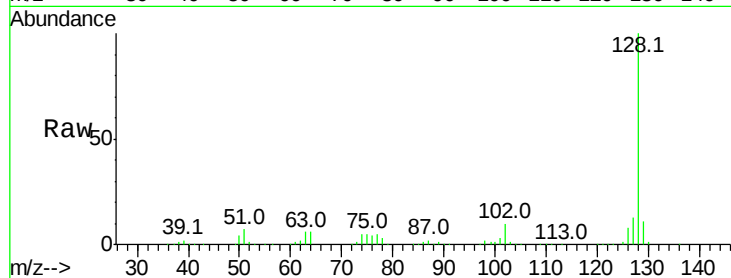
129 11.4 9.0 13.6

127 13.5 10.8 16.2

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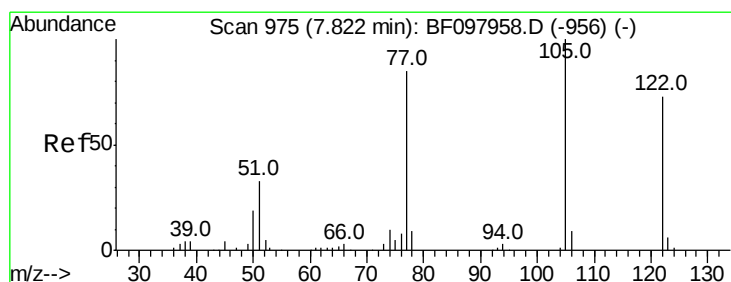
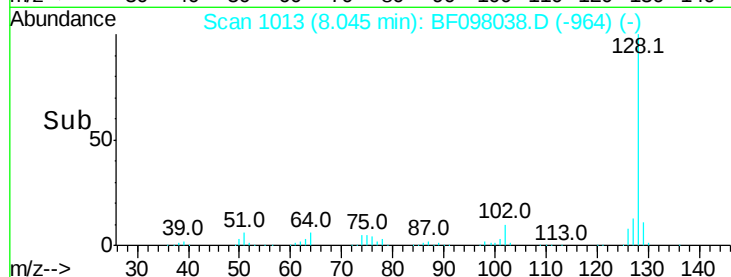
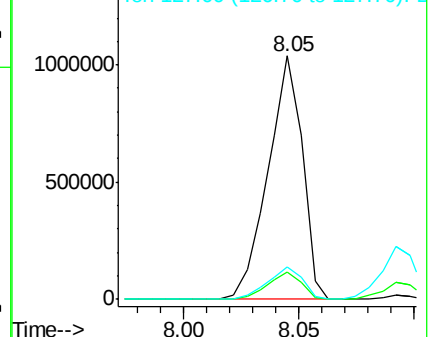
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.634 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

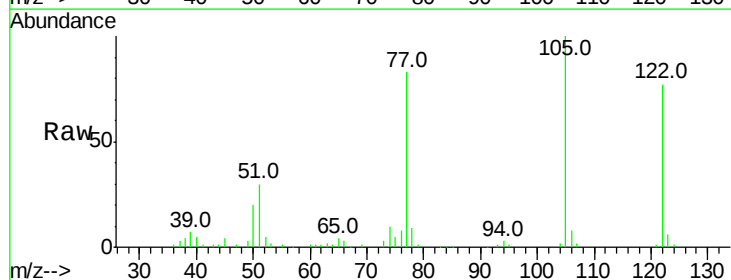
Tgt Ion:122 Resp: 189395

Ion Ratio Lower Upper

122 100

105 130.7 103.3 143.3

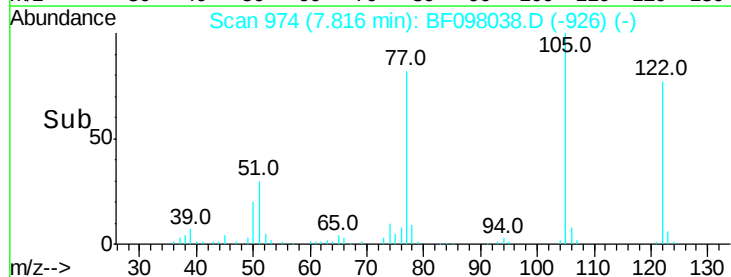
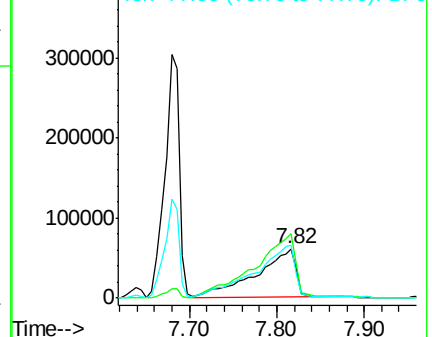
77 108.0 73.7 113.7

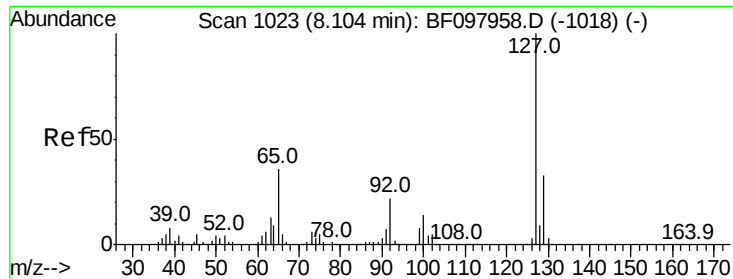


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





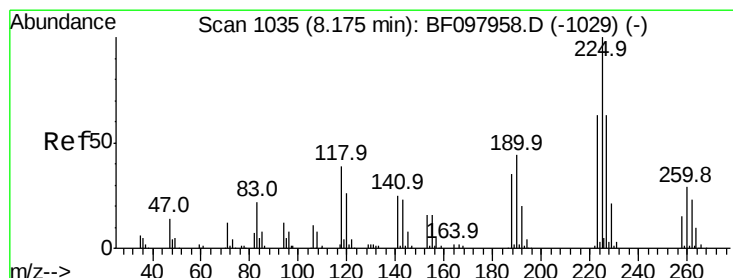
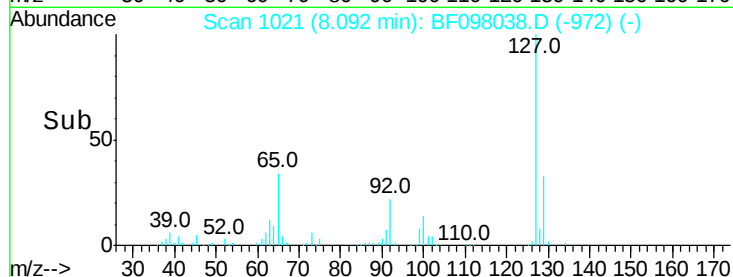
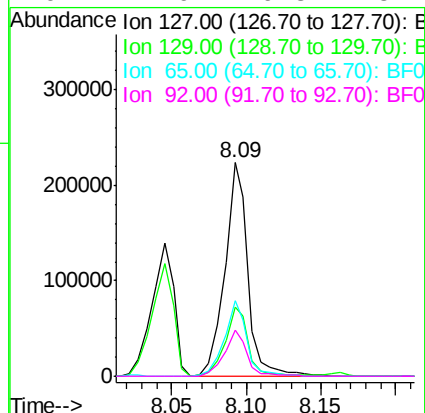
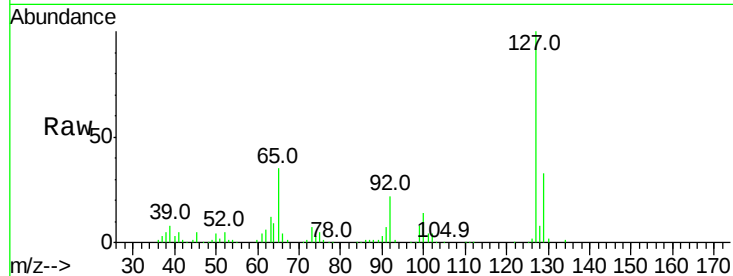
#33
4-Chloroaniline
Concen: 21.468 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	26.2	39.2		
65	35.4	27.8	41.8		
92	21.9	16.8	25.2		

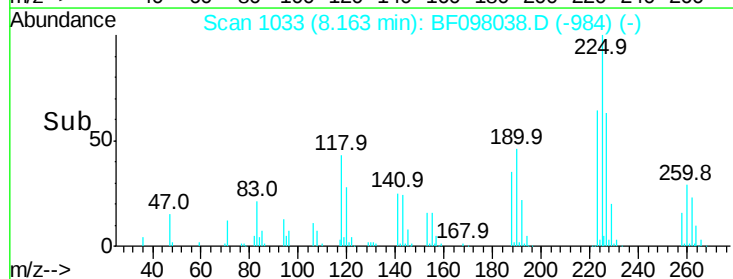
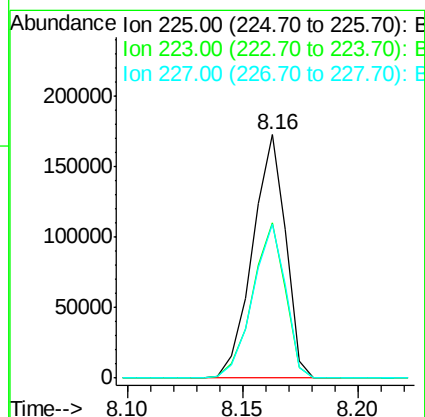
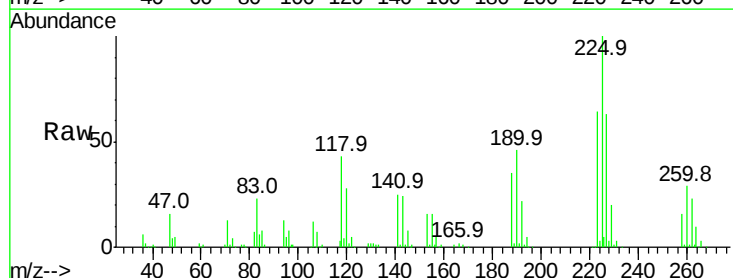
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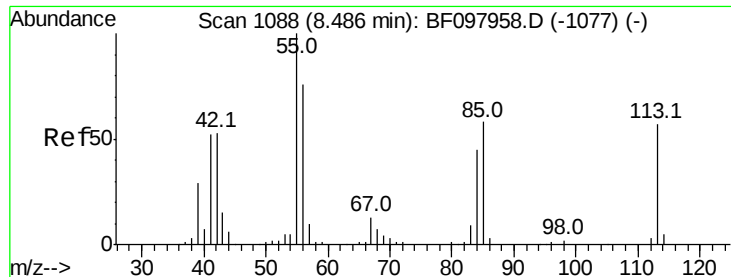
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#34
Hexachlorobutadiene
Concen: 38.698 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	48.8	73.2		
227	63.5	51.1	76.7		





#35

Caprolactam

Concen: 47.762 ng/mL

RT: 8.47 min Scan# 1086

Delta R.T. -0.02 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Instrument :

BNA_F

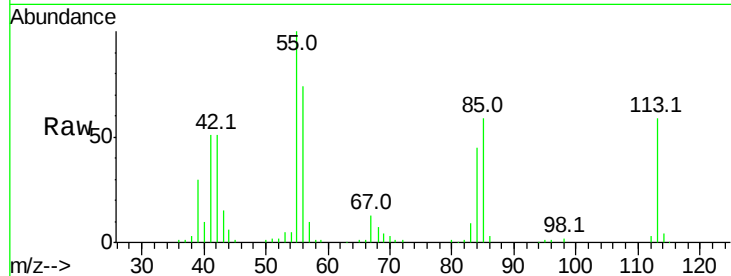
ClientSampleId :

PB101833BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.4	150.2	190.2
56	124.3	107.8	147.8

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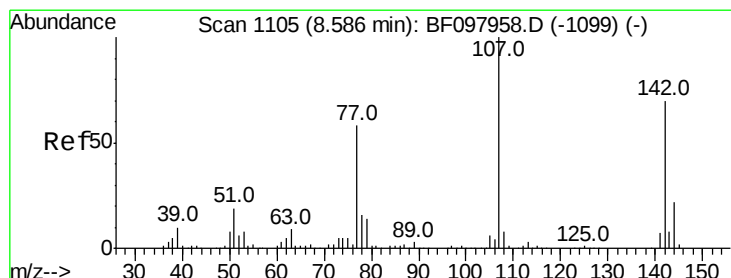
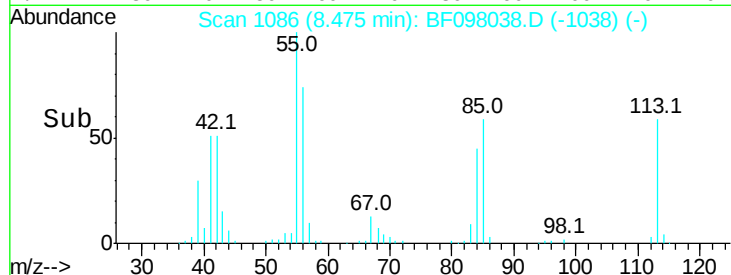
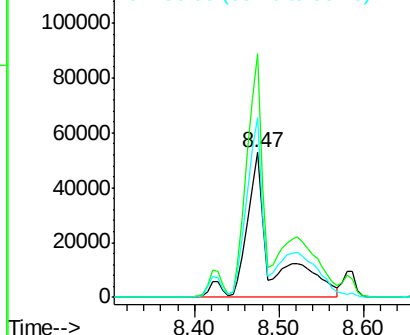
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.667 ng/mL

RT: 8.59 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BF098038.D

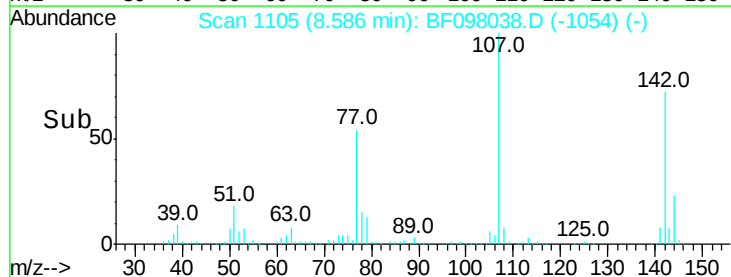
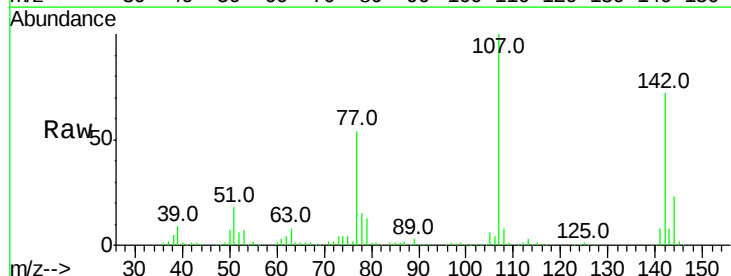
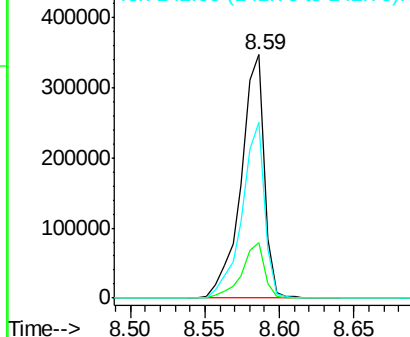
Acq: 25 Aug 2017 18:53

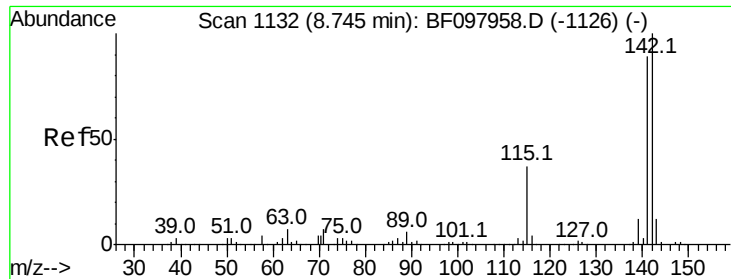
Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.9	24.2	36.4#
142	72.0	73.4	110.0#

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





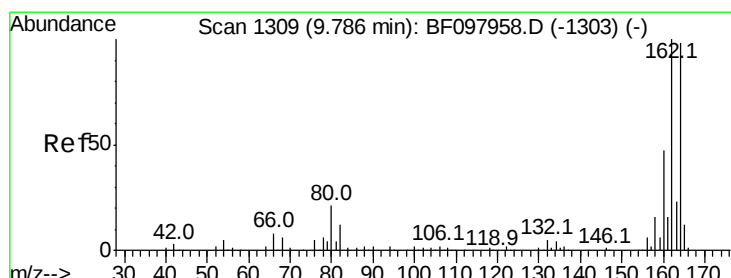
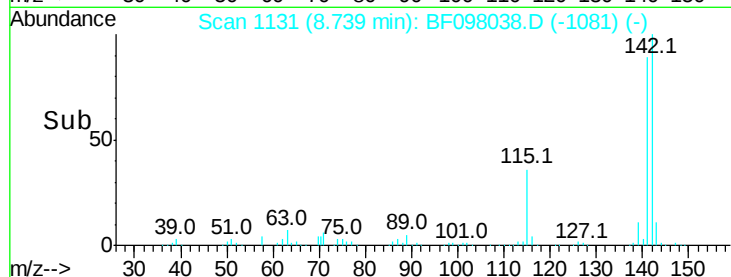
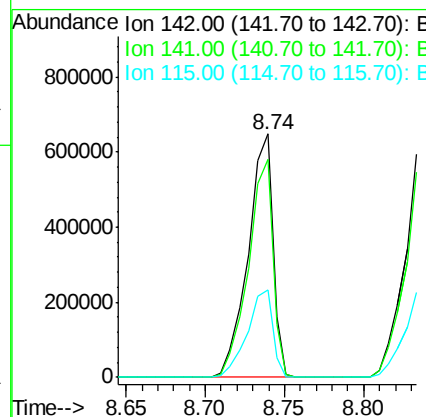
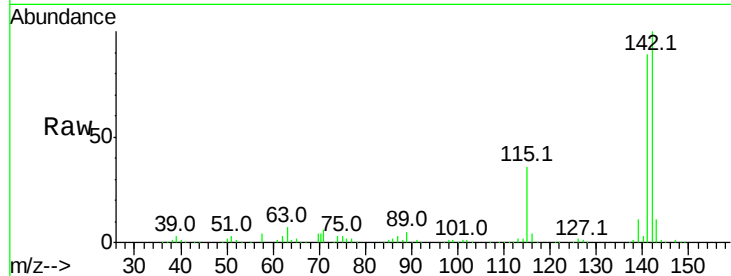
#37
 2-Methylnaphthalene
 Concen: 42.680 ng
 RT: 8.74 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.3	106.9
115	35.8	27.1	40.7

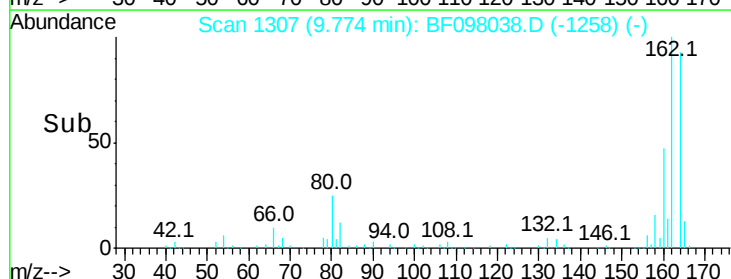
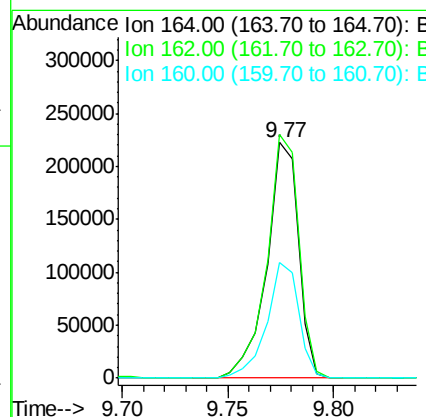
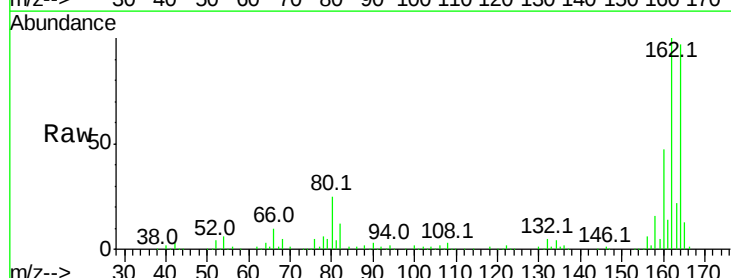
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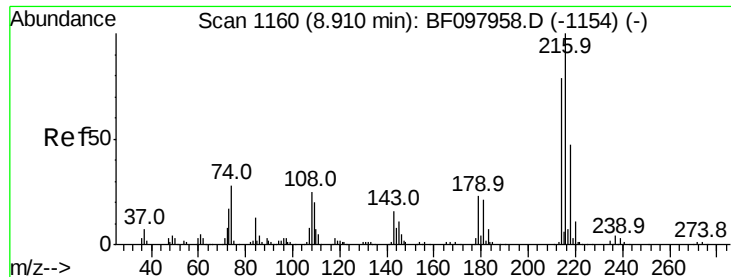
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	48.8	36.2	54.2





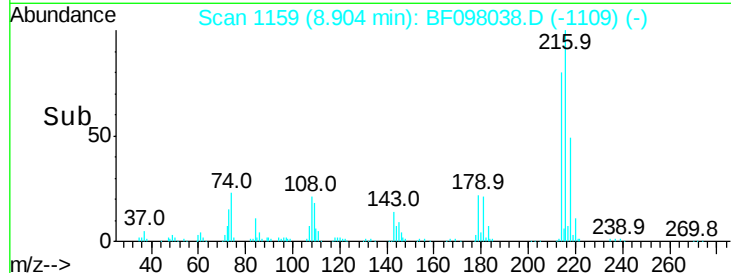
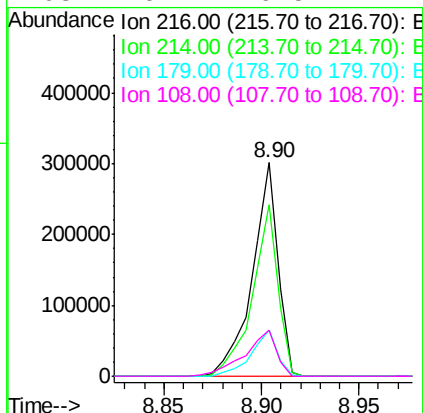
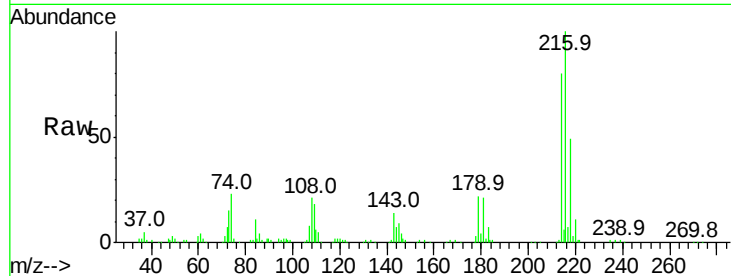
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.474 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	63.4	95.2
179	21.7	17.9	26.9
108	26.7	16.5	24.7

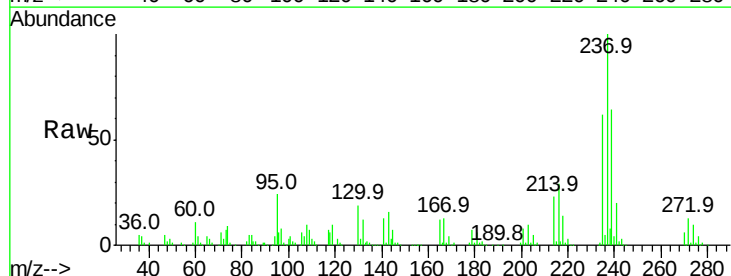
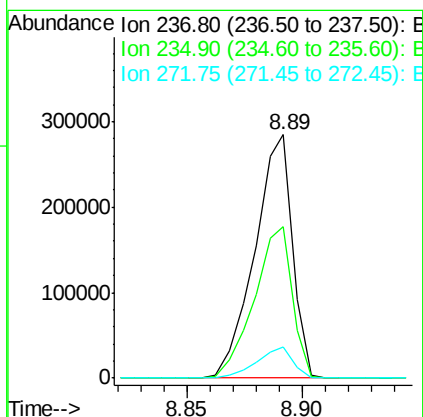
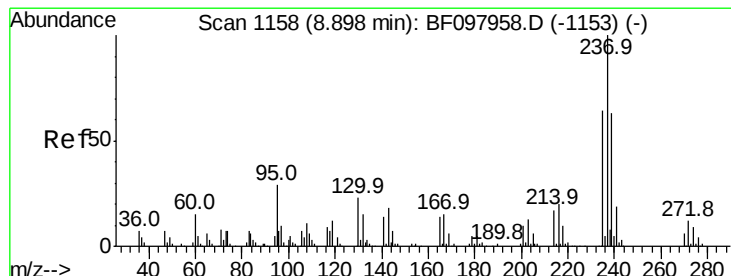
Manual Integrations
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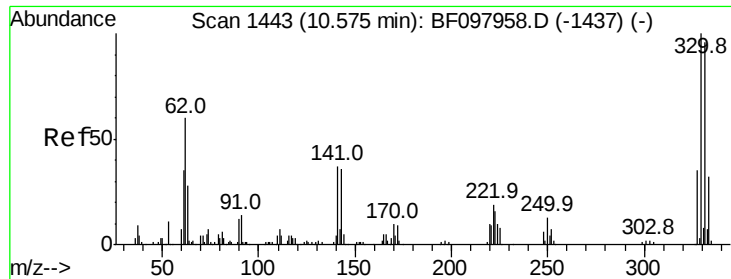
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#40
 Hexachlorocyclopentadiene
 Concen: 93.840 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	42.6	82.6
272	12.8	0.0	31.9





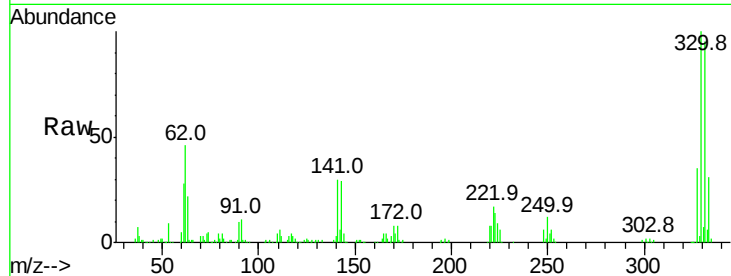
#41
 2,4,6-Tribromophenol
 Concen: 141.340 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BSD

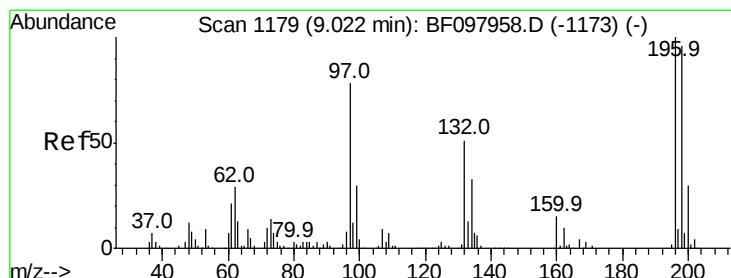
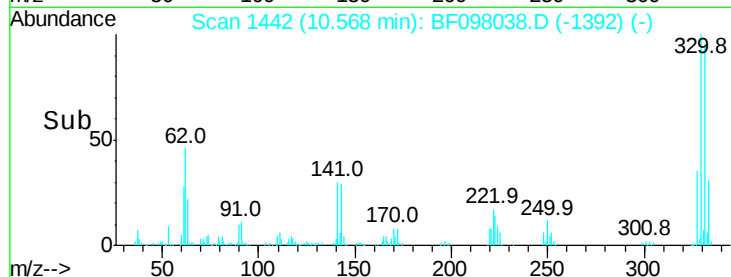
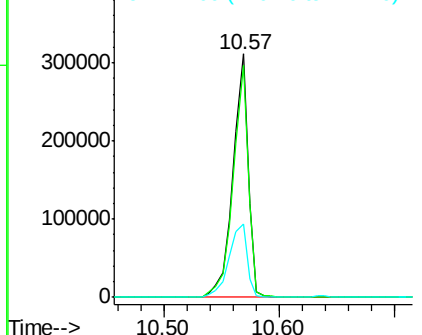
Tot Ion	Ratio	Resp	Lower	Upper
330	100	286309		
332	95.1	76.6	115.0	
141	36.2	31.4	47.2	

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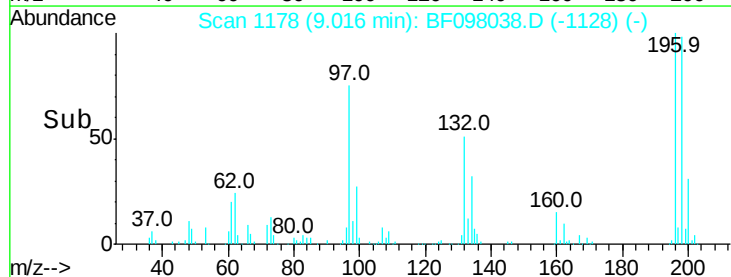
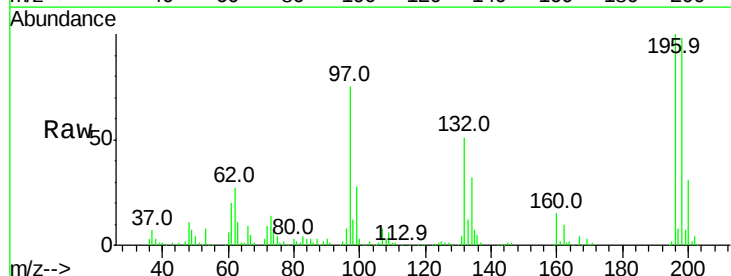
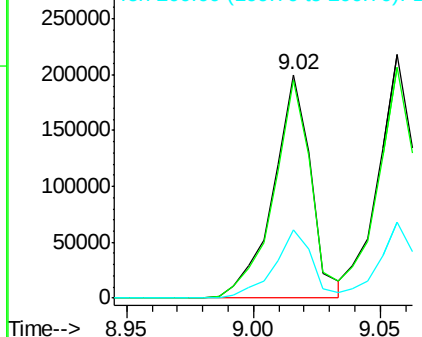
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 42.707 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	205437		
198	97.7	74.2	111.4	
200	30.6	24.0	36.0	

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





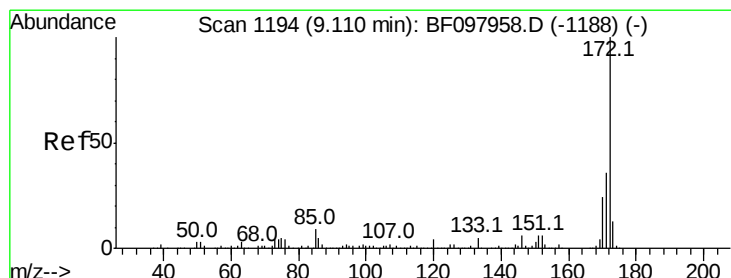
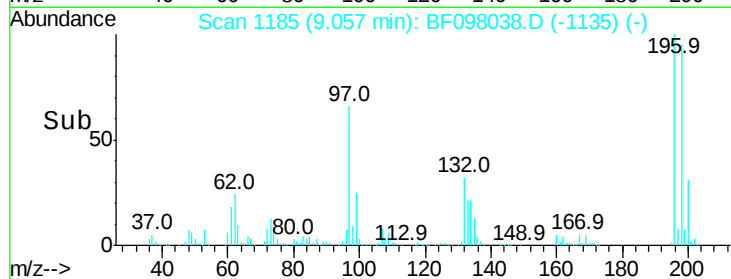
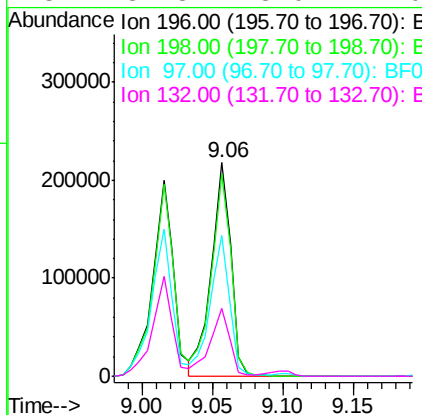
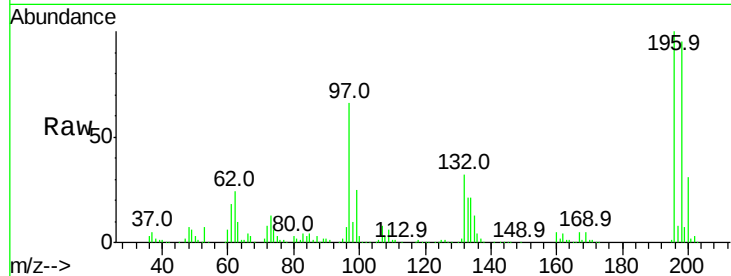
#43
 2,4,5-Trichlorophenol
 Concen: 44.283 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BSD

Tot Ion	196	Resp	211330
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.7	113.5
97	65.9	47.7	71.5
132	31.8	28.0	42.0

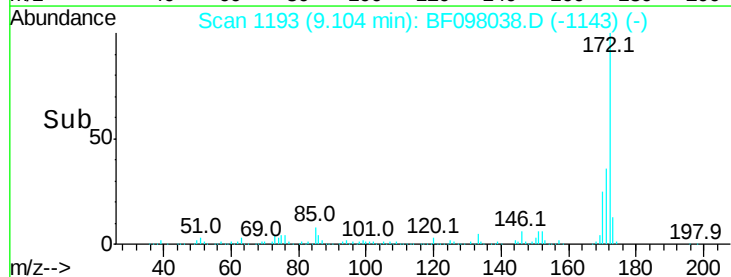
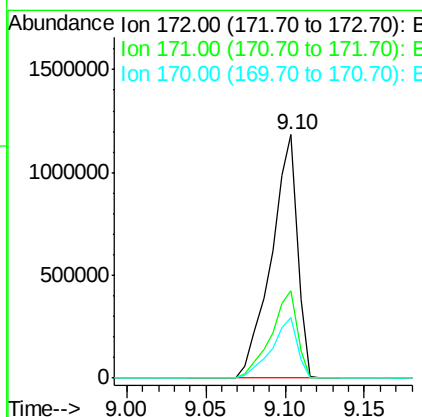
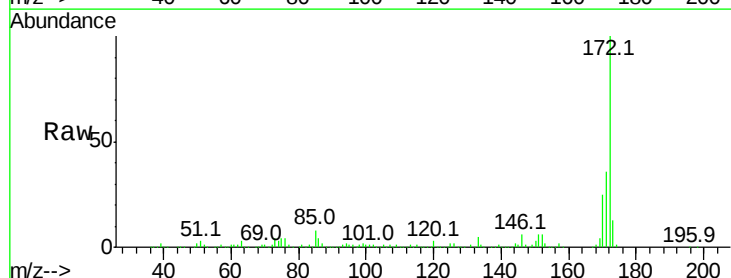
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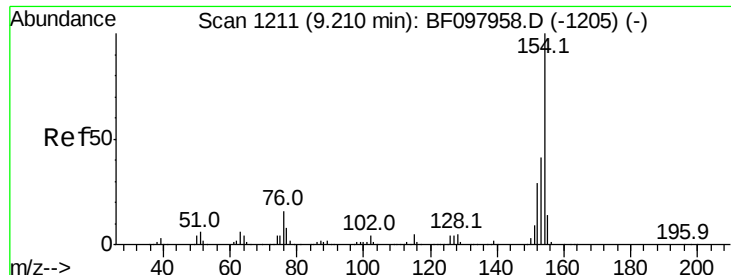
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 85.606 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Tgt Ion	172	Resp	1360328
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.6	44.4
170	24.7	19.8	29.8





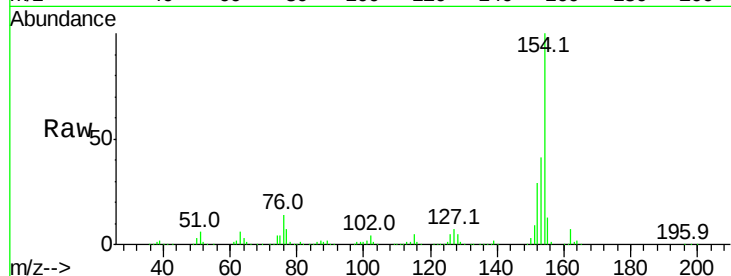
#45
 1,1'-Biphenyl
 Concen: 38.287 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleID :
 PB101833BSD

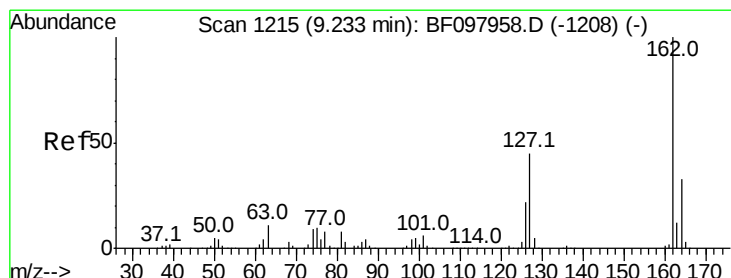
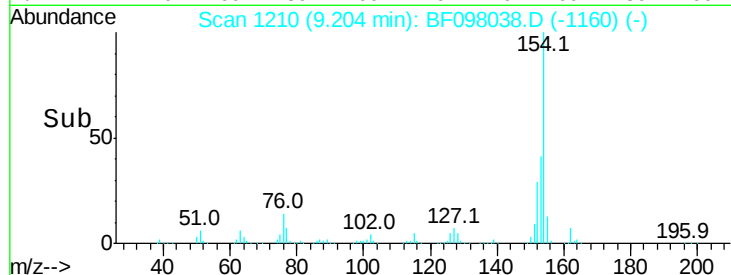
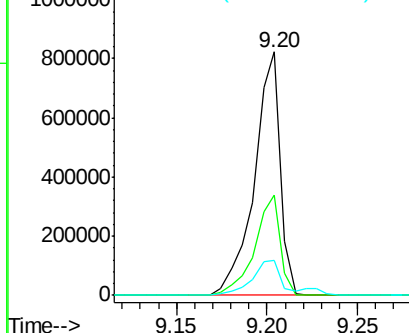
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.0	21.2	61.2	
76	14.3	0.0	29.9	

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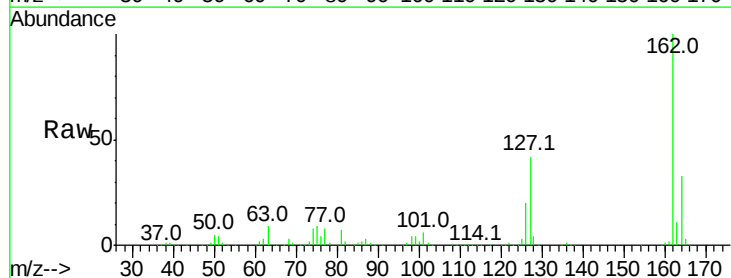


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

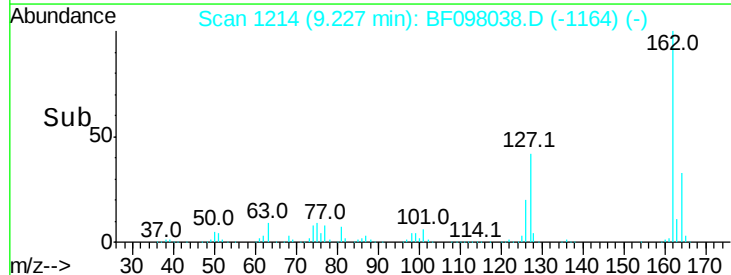
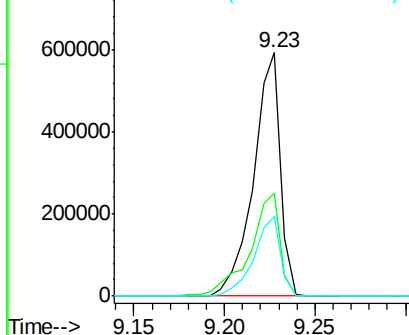


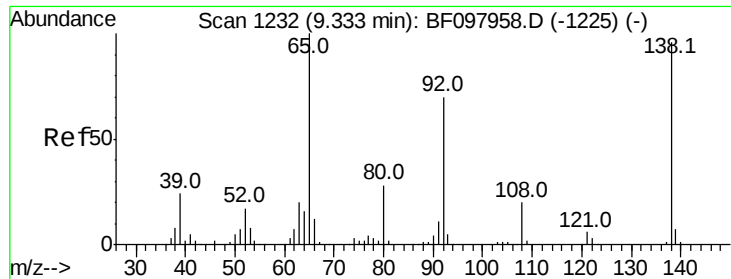
#46
 2-Chloronaphthalene
 Concen: 38.737 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.4	28.3	42.5	
164	32.8	27.0	40.4	



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





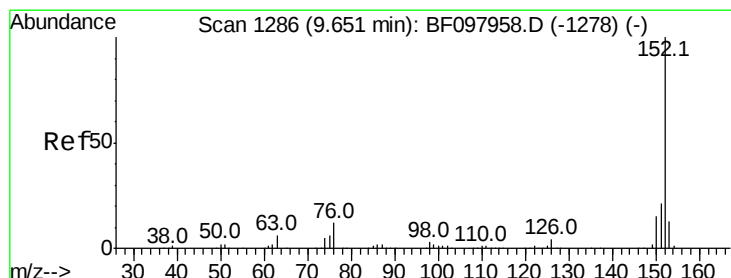
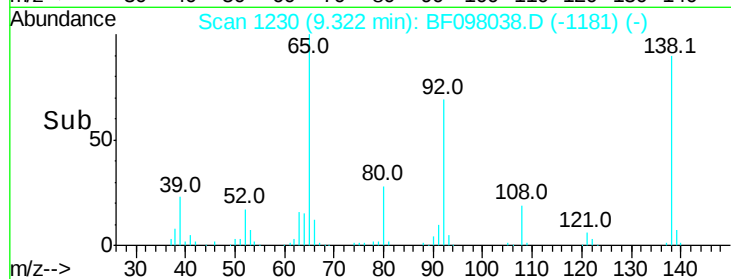
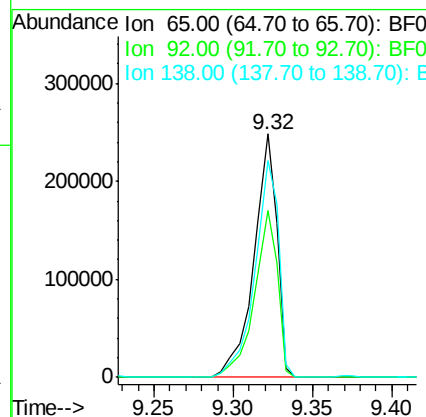
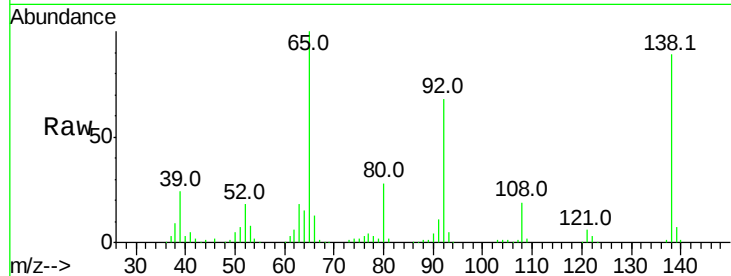
#47
 2-Nitroaniline
 Concen: 47.387 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BSD

Tot Ion:	65	Resp:	249896
Ion Ratio	Lower	Upper	
65	100		
92	68.4	53.9	80.9
138	89.2	78.8	118.2

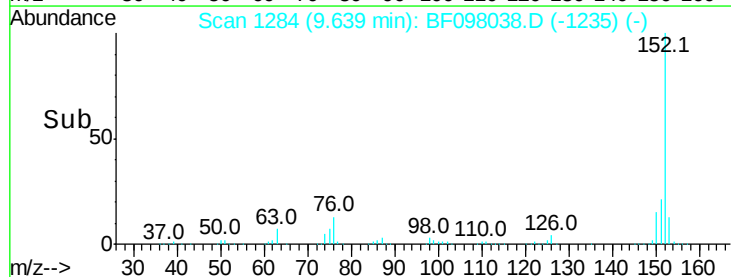
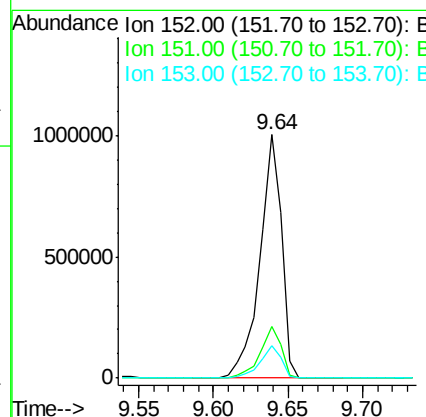
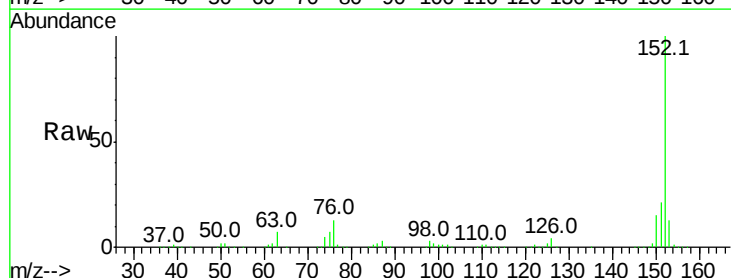
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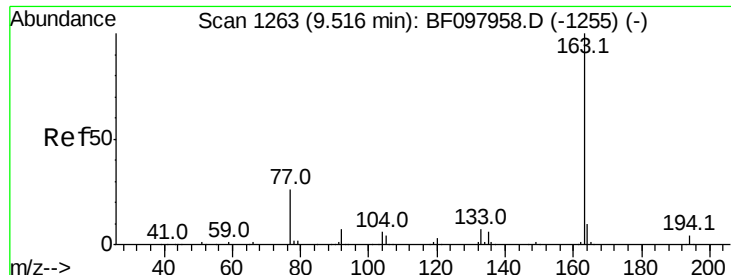
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#48
 Acenaphthylene
 Concen: 40.570 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Tgt Ion:	152	Resp:	1002178
Ion Ratio	Lower	Upper	
152	100		
151	21.1	16.8	25.2
153	13.4	10.8	16.2





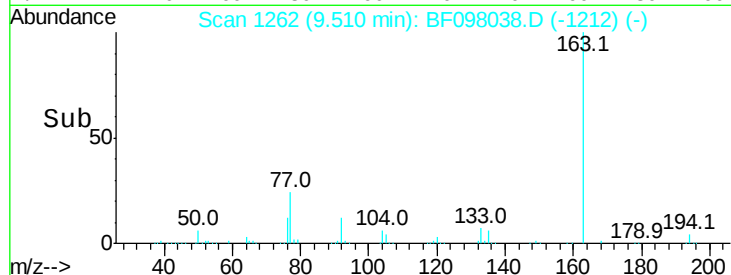
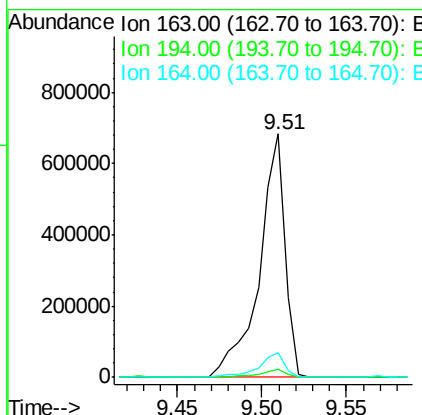
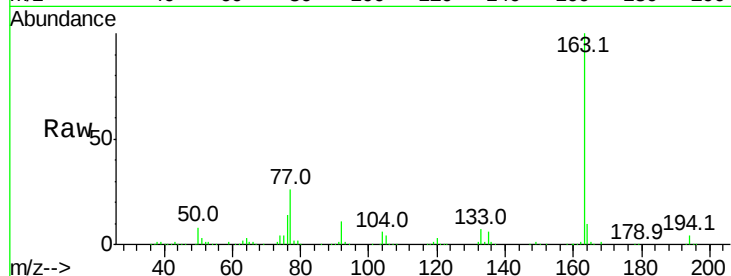
#49
Dimethylphthalate
Concen: 42.248 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.6	4.0	
164	10.3	8.4	12.6	

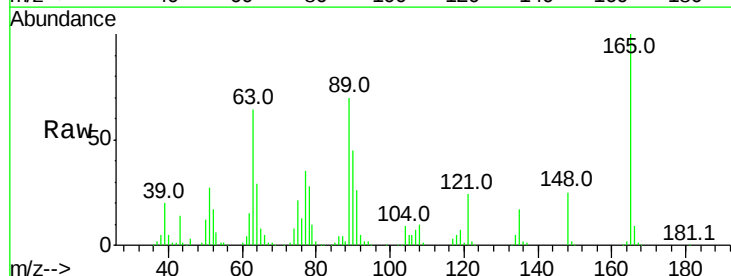
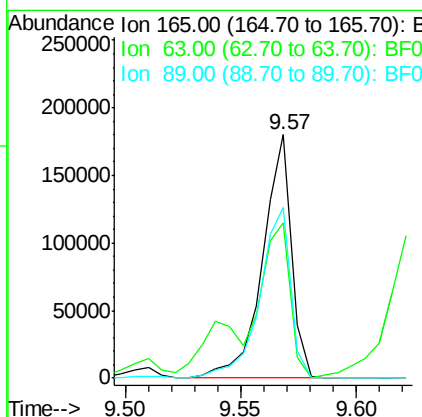
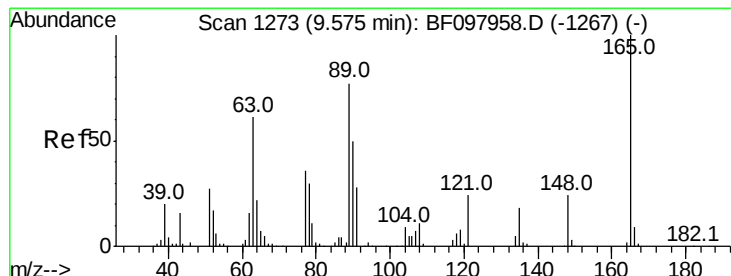
Manual Integrations
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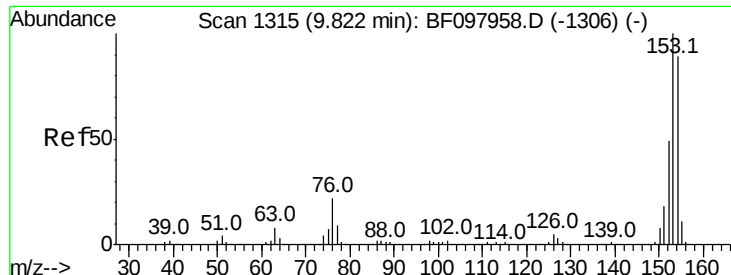
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#50
2,6-Dinitrotoluene
Concen: 46.054 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.8	34.3	51.5#	
89	69.9	37.1	55.7#	





#51

Acenaphthene

Concen: 38.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Instrument :

BNA_F

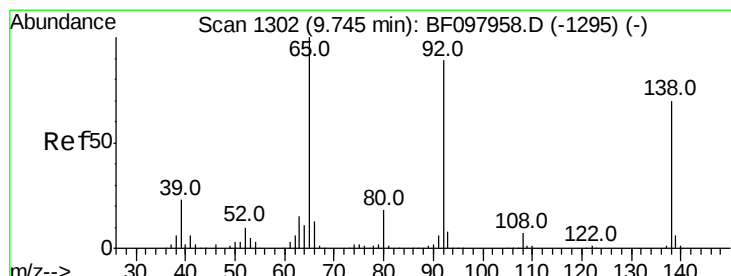
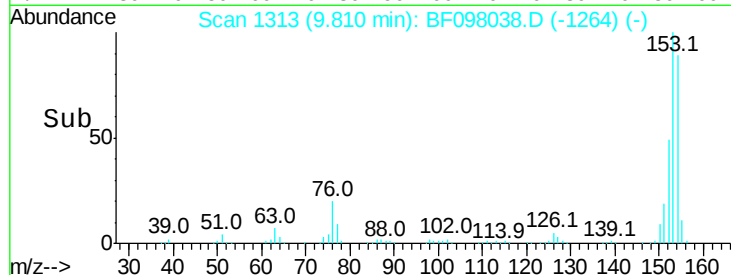
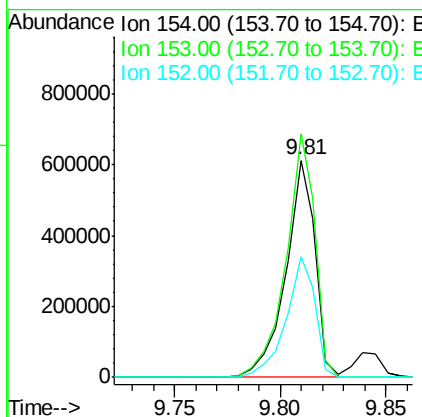
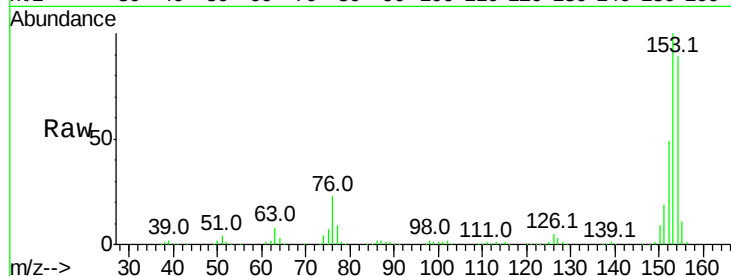
ClientSampleId :

PB101833BSD

Tot Ion:	154	Resp:	592013
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.5	135.7
152	55.5	43.6	65.4

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#52

3-Nitroaniline

Concen: 26.643 ng

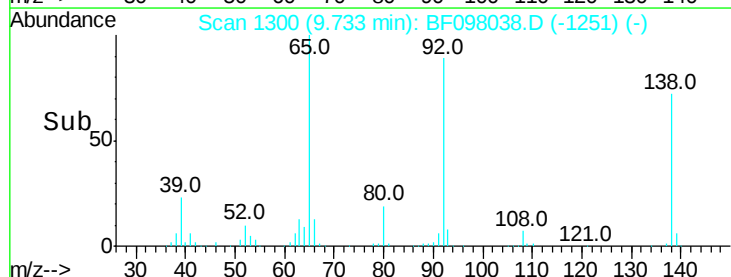
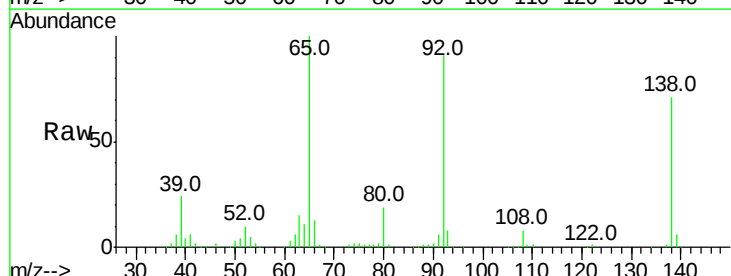
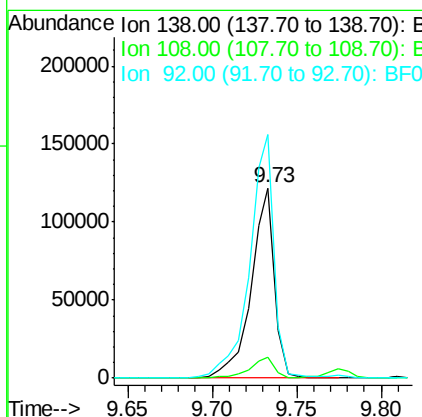
RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Tgt Ion:	138	Resp:	117093
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.1	13.7
92	128.0	93.8	140.6





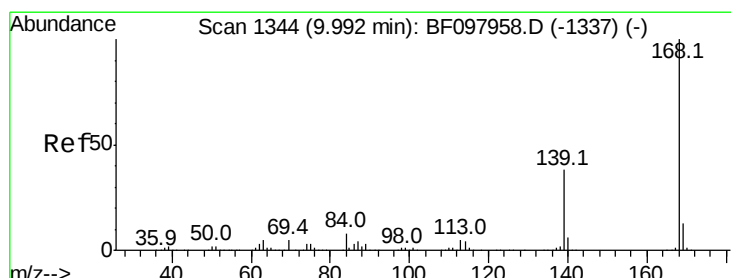
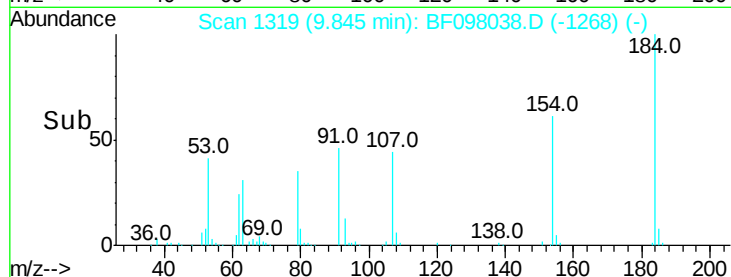
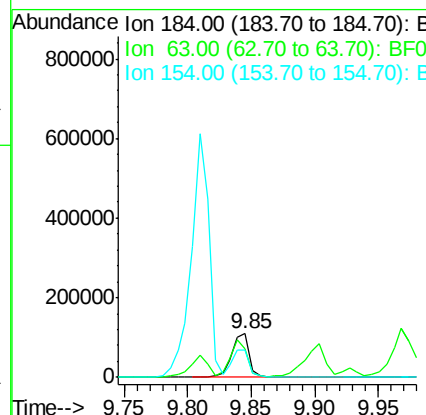
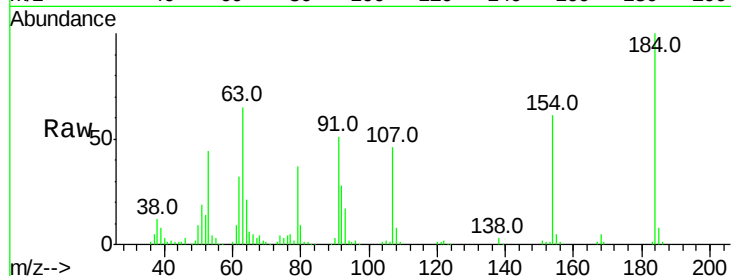
#53
2,4-Dinitrophenol
Concen: 67.583 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	65.0	62.7	94.1	
154	61.1	81.1	121.7	

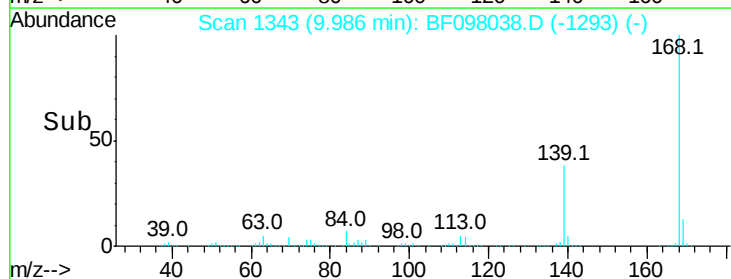
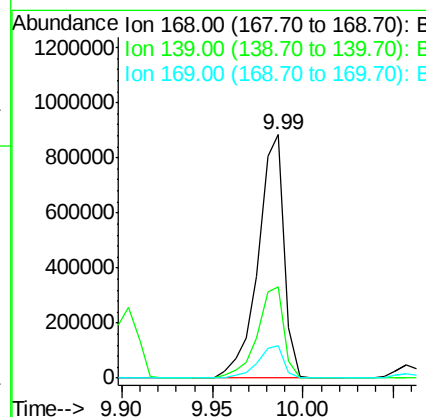
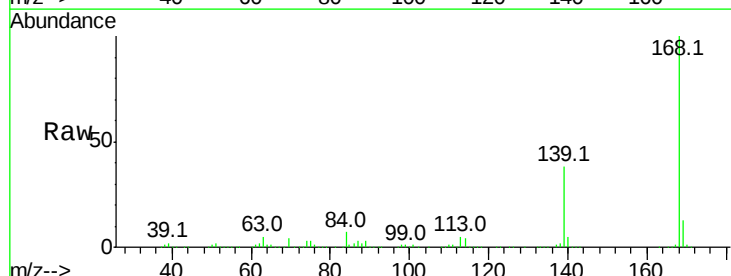
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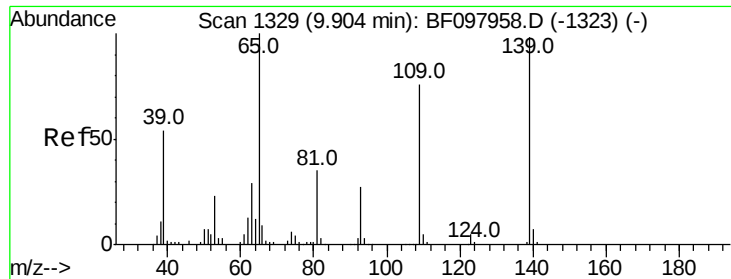
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#54
Dibenzofuran
Concen: 42.228 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.6	30.6	45.8	
169	13.2	10.8	16.2	





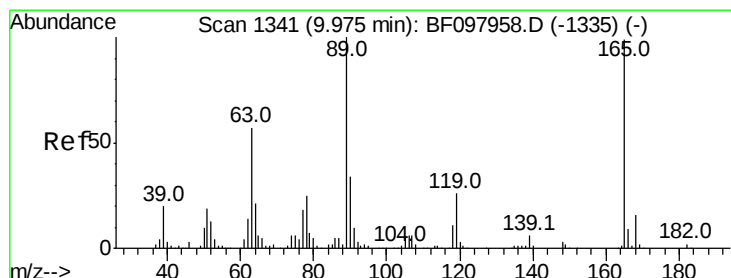
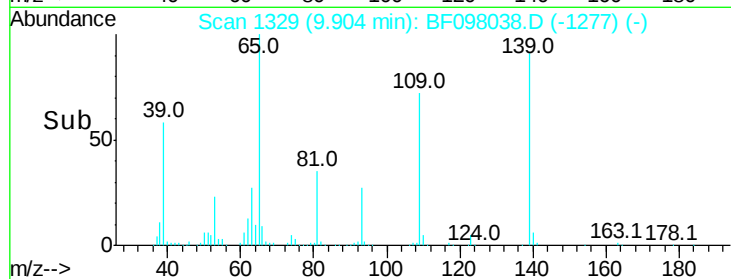
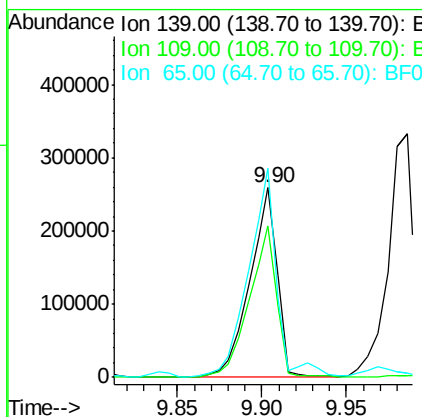
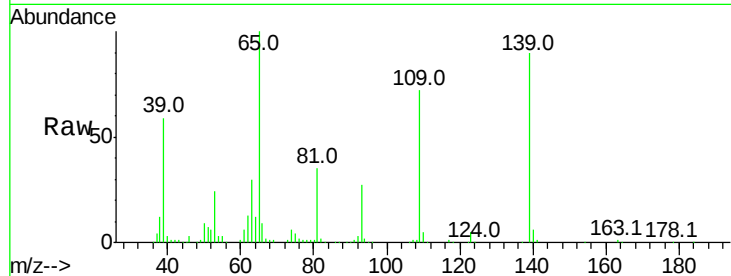
#55
4-Nitrophenol
Concen: 83.820 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	79.7	34.1	74.1#	
65	110.5	31.4	71.4#	

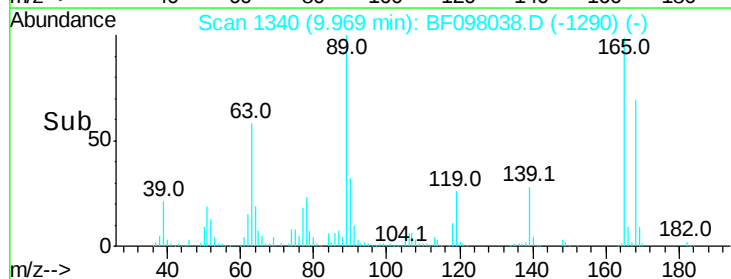
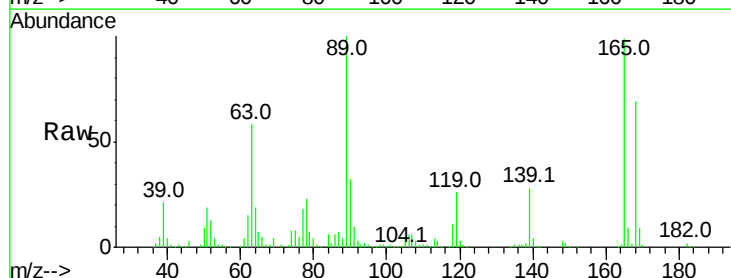
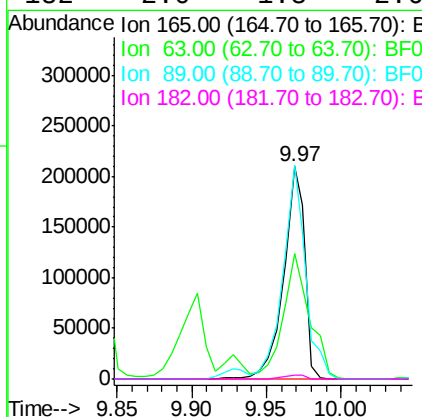
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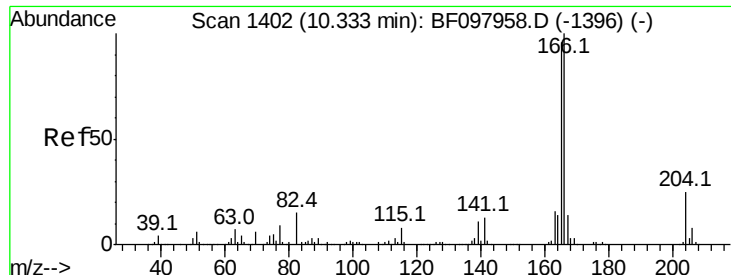
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#56
2,4-Dinitrotoluene
Concen: 49.170 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.9	25.4	38.0#	
89	100.7	46.4	69.6#	
182	2.0	1.8	2.6	





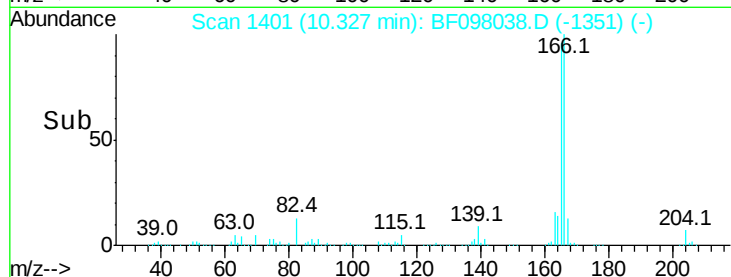
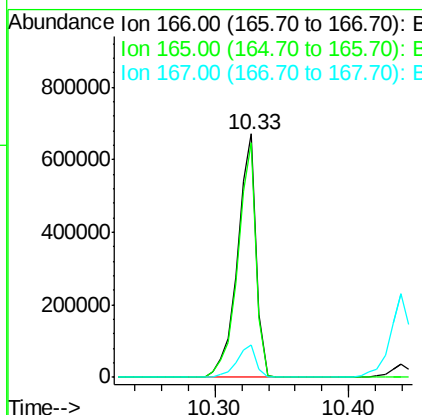
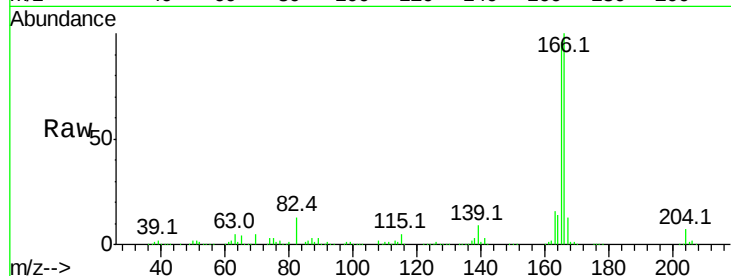
#57
 Fluorene
 Concen: 40.336 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	651165		
165	96.3	78.8	118.2	
167	13.3	10.6	16.0	

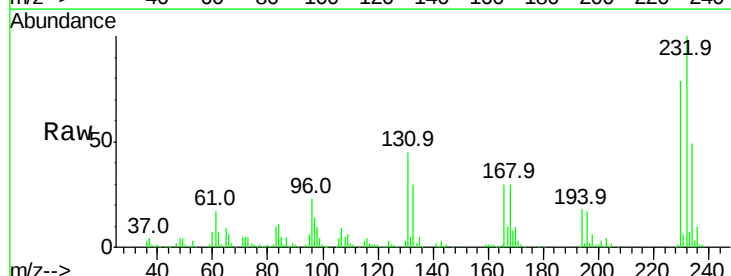
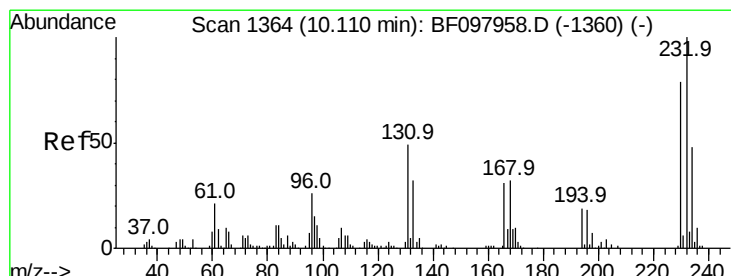
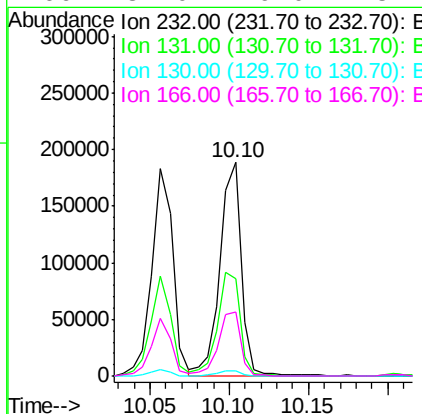
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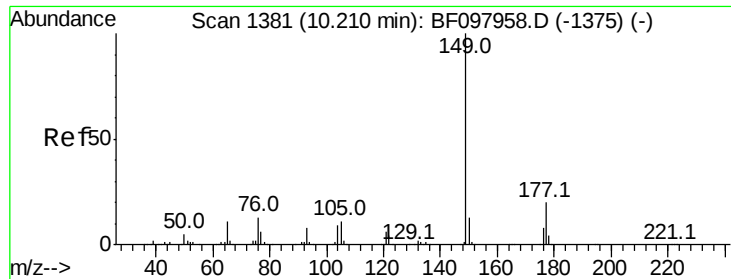
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.625 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	175963		
131	51.6	44.8	67.2	
130	2.8	2.3	3.5	
166	32.0	29.0	43.4	





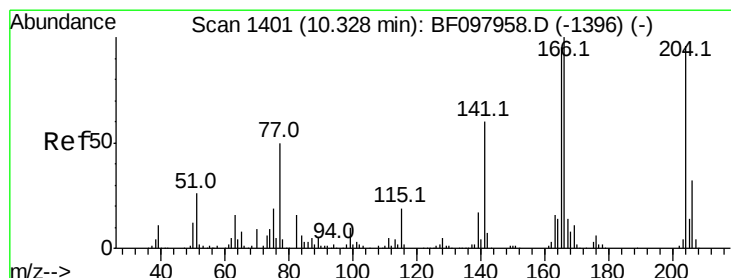
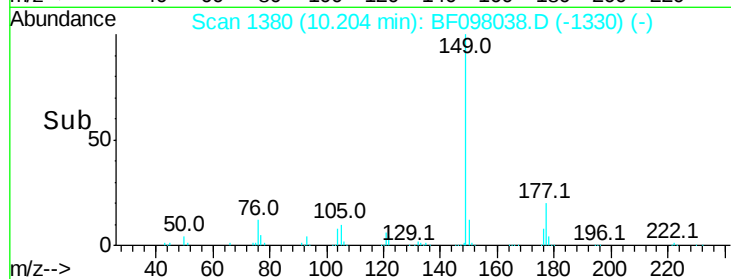
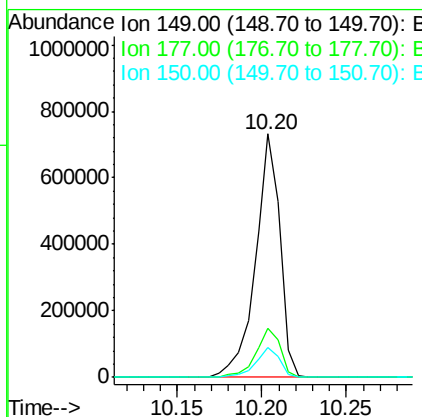
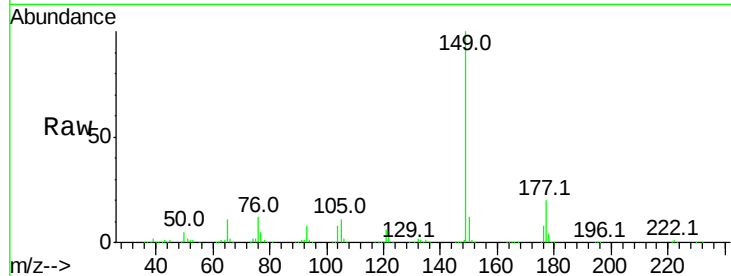
#59
 Diethylphthalate
 Concen: 41.183 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleID :
 PB101833BSD

Tot Ion:	149	Resp:	734958
Ion Ratio	Lower	Upper	
149	100		
177	20.4	16.7	25.1
150	12.5	10.2	15.2

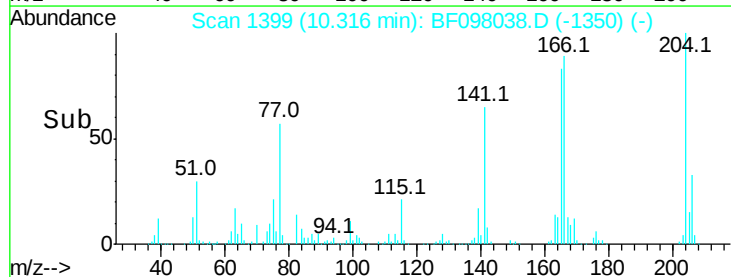
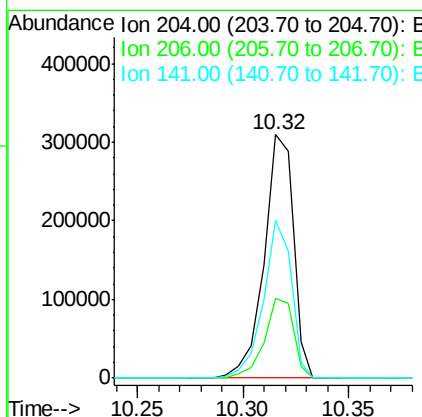
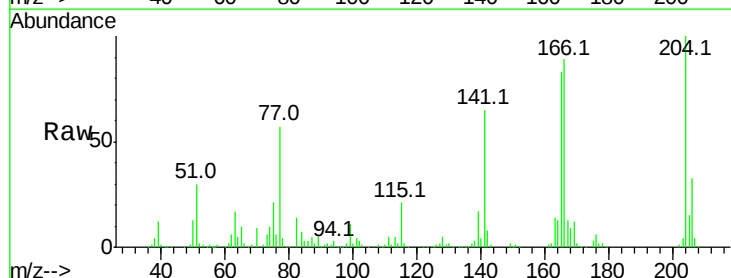
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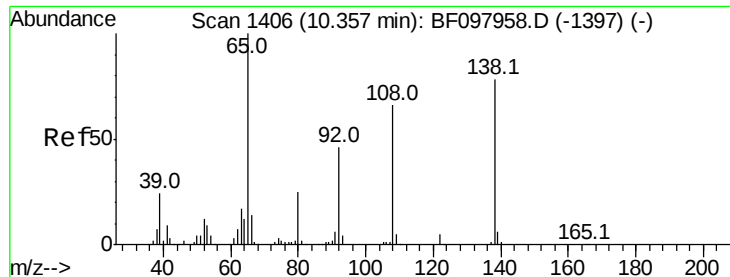
Sohil
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#60
 4-Chlorophenyl-phenylether
 Concen: 40.009 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Tgt Ion:	204	Resp:	300058
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.2	39.2
141	64.7	60.8	91.2





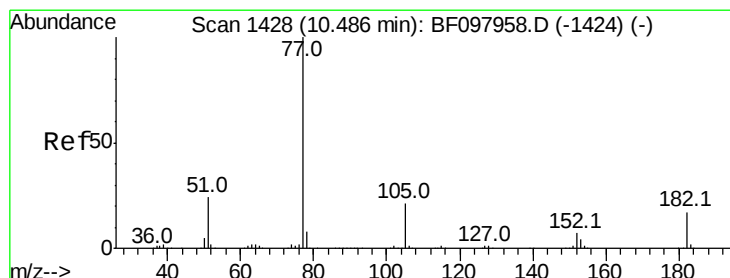
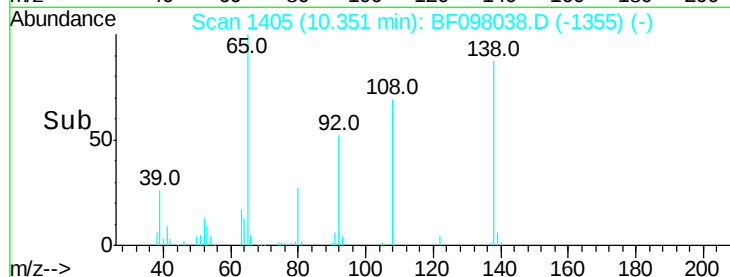
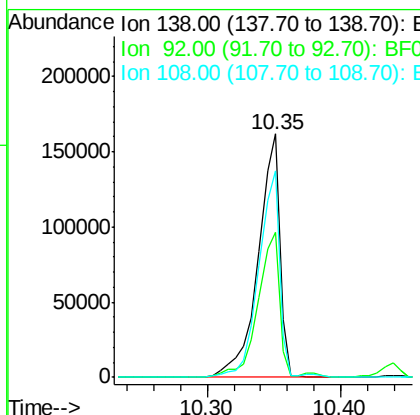
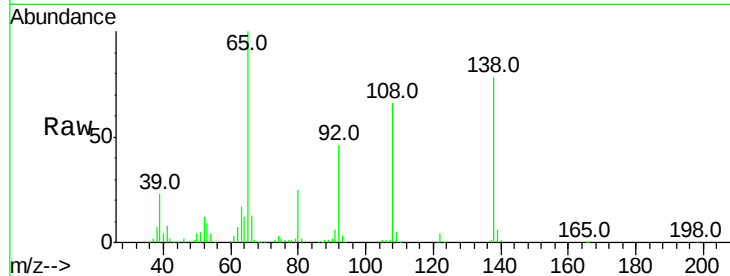
#61
4-Nitroaniline
Concen: 43.521 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	59.6	21.8	61.8	
108	84.7	42.3	82.3	

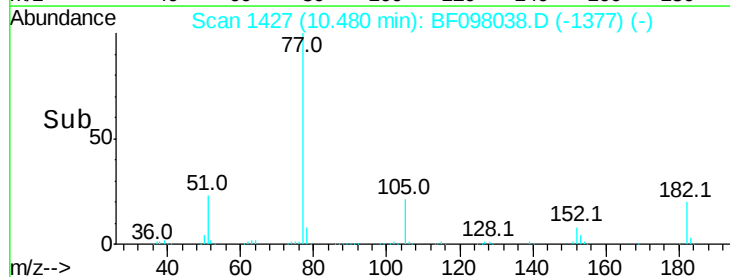
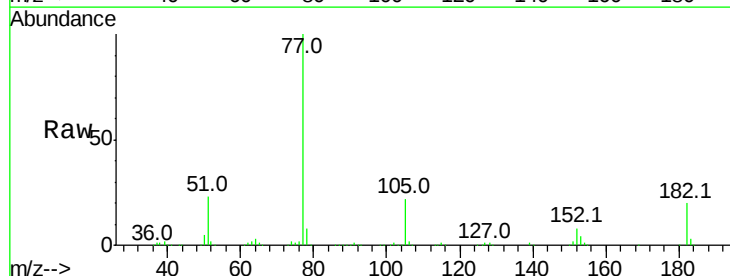
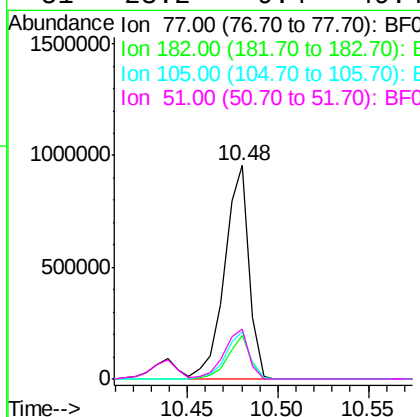
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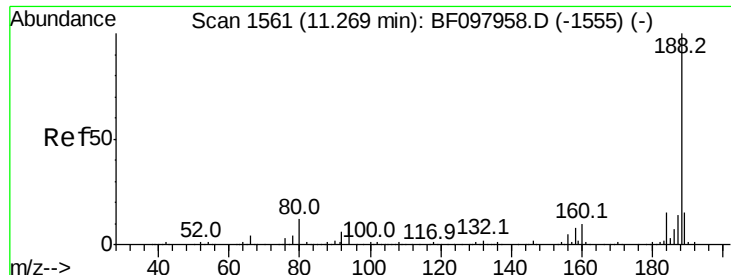
Sohil
8/28/2017 3:13:26 PM



#62
Azobenzene
Concen: 41.963 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	20.2	0.1	40.1	
105	21.9	3.6	43.6	
51	23.2	9.4	49.4	





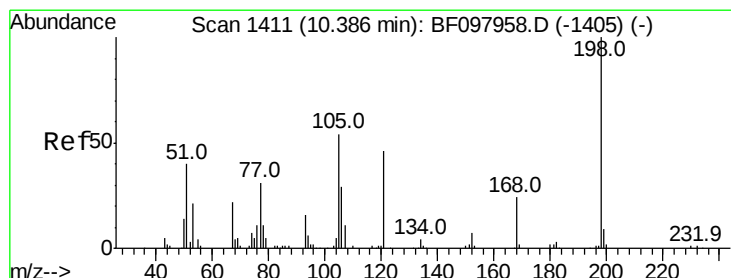
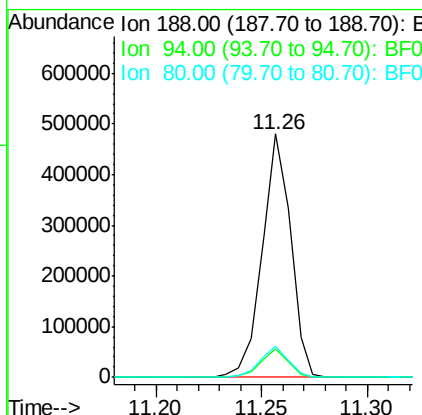
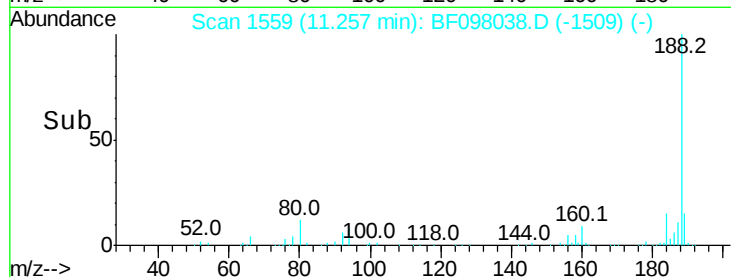
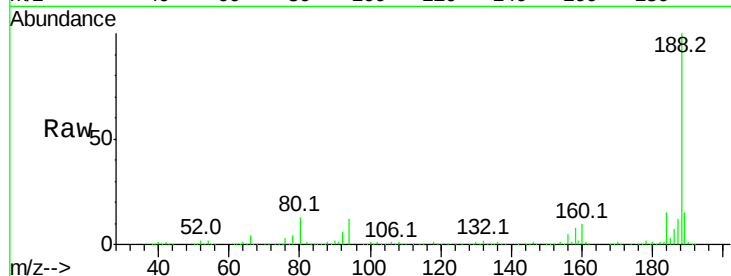
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.9	9.4	14.2
80	12.6	10.2	15.2

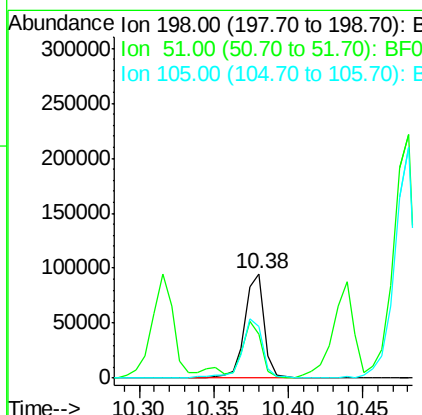
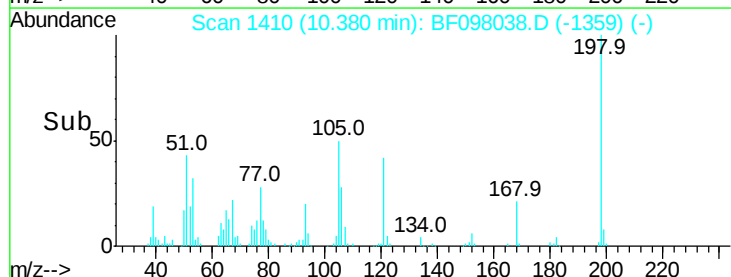
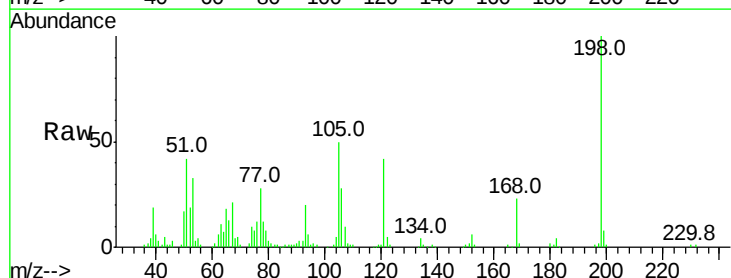
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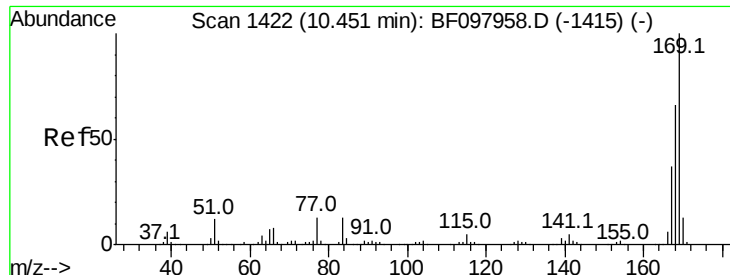
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.480 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	42.4	53.2	93.2#
105	49.7	45.8	85.8





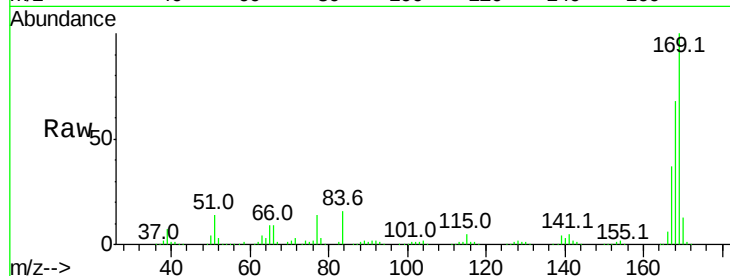
#65
n-Nitrosodiphenylamine
Concen: 39.747 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

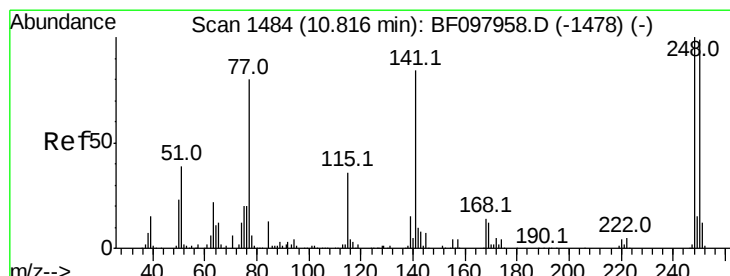
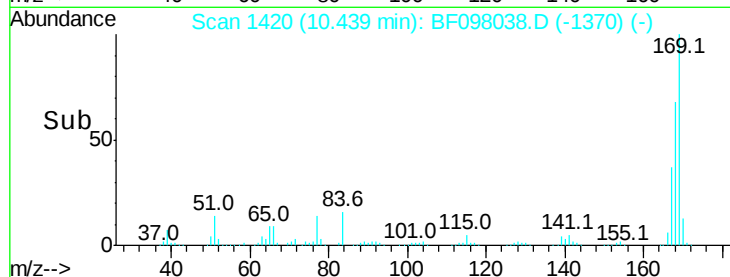
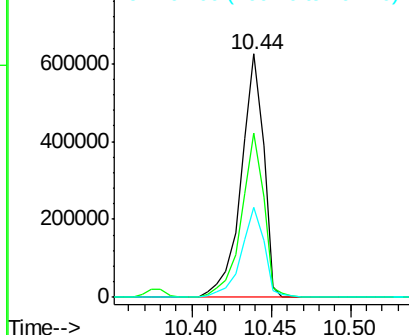
Tot Ion	Ratio	Resp	Lower	Upper
169	100	611648		
168	67.6	53.2	79.8	
167	36.9	29.5	44.3	

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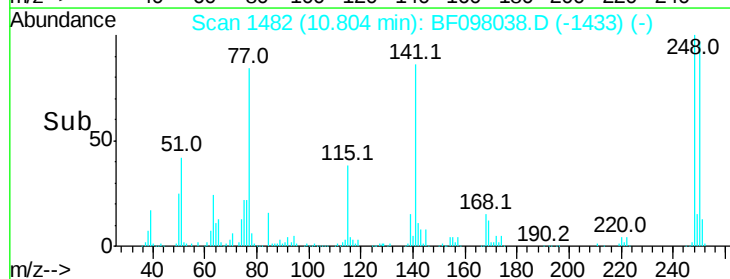
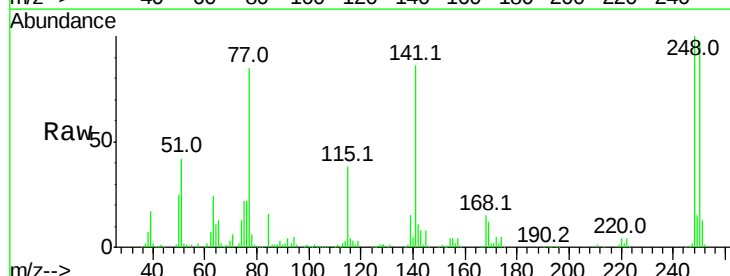
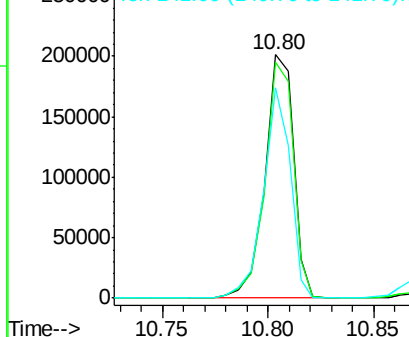
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66
4-Bromophenyl-phenylether
Concen: 40.682 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	190909		
250	97.0	76.8	115.2	
141	86.2	68.6	103.0	

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.220 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Instrument :

BNA_F

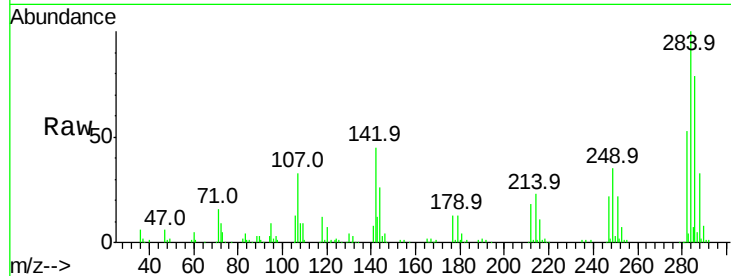
ClientSampleId :

PB101833BSD

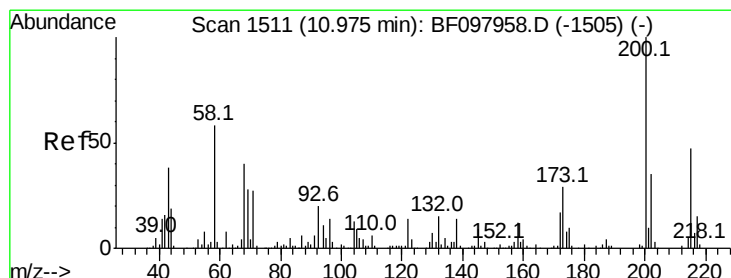
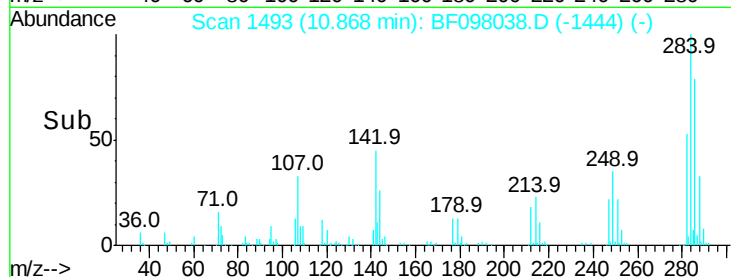
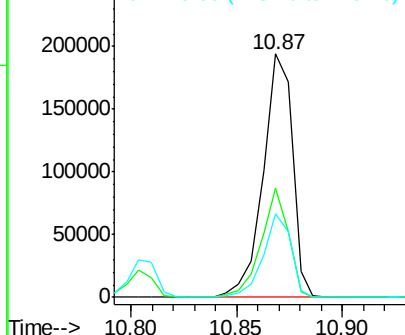
Tot Ion:	284	Resp:	187594
Ion Ratio		Lower	Upper
284	100		
142	45.1	22.8	34.2#
249	34.5	24.0	36.0

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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: 44.888 ng

RT: 10.97 min Scan# 1510

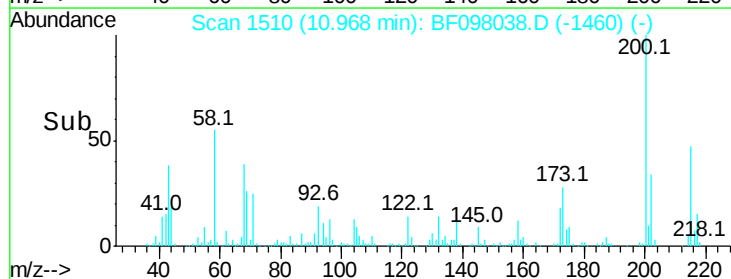
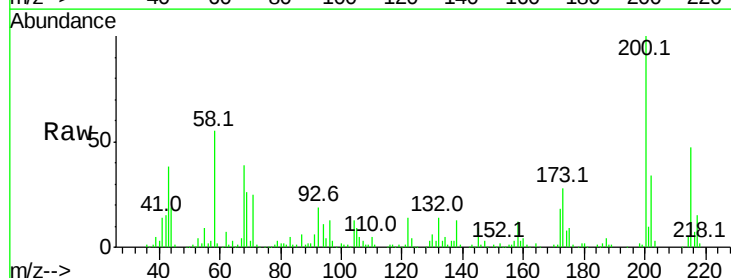
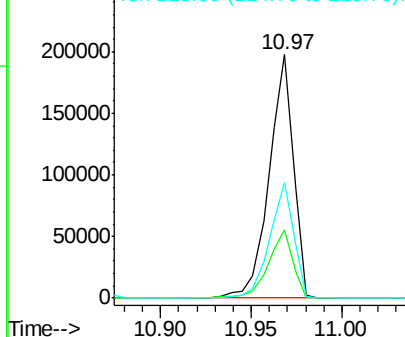
Delta R.T. -0.01 min

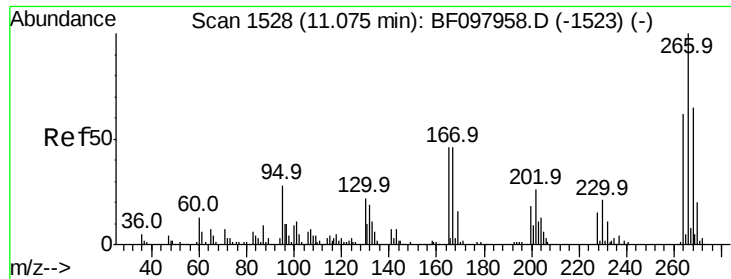
Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Tgt Ion:	200	Resp:	183191
Ion Ratio		Lower	Upper
200	100		
173	28.3	6.3	46.3
215	47.3	27.2	67.2

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





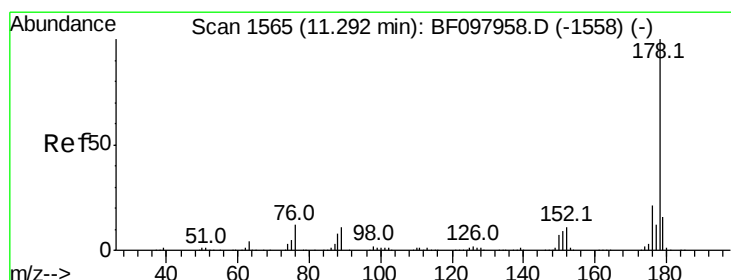
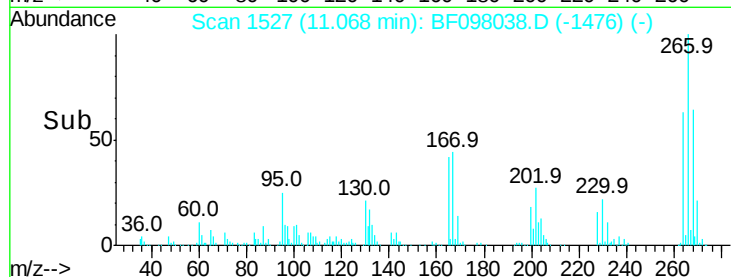
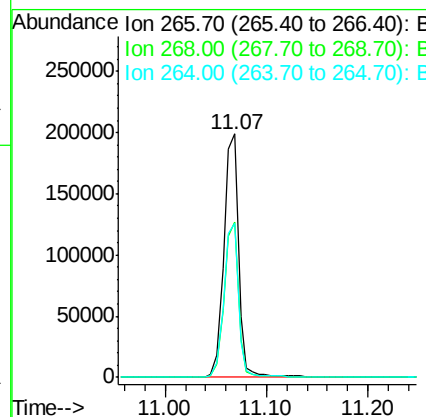
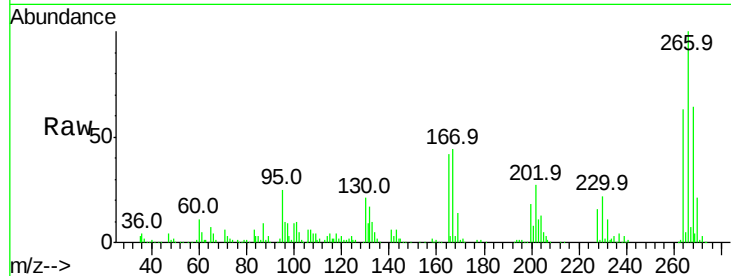
#69
 Pentachlorophenol
 Concen: 72.575 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleID :
 PB101833BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	202401		
268	63.6	51.1	76.7	
264	63.5	51.7	77.5	

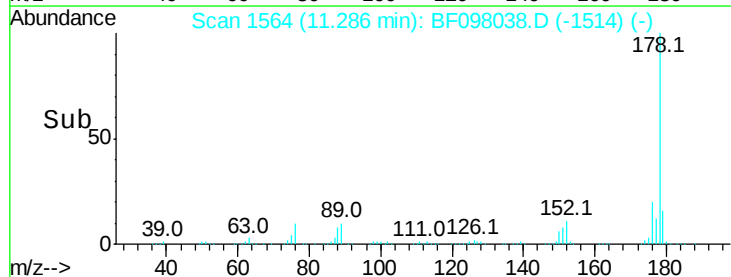
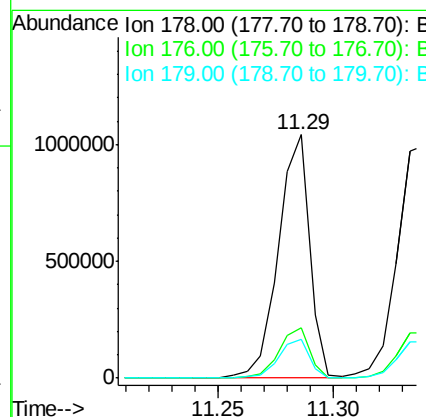
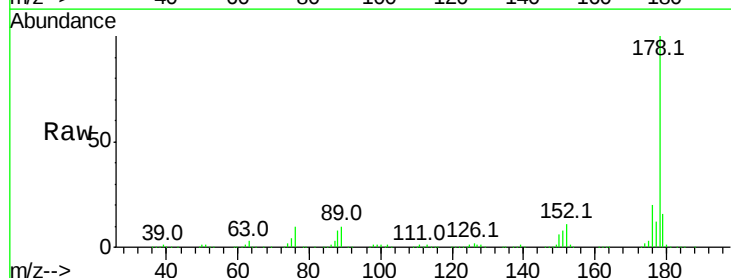
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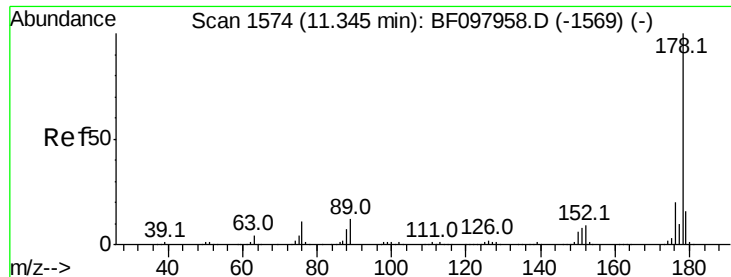
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#70
 Phenanthrene
 Concen: 40.355 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	971779		
176	20.5	16.2	24.4	
179	15.8	12.6	19.0	





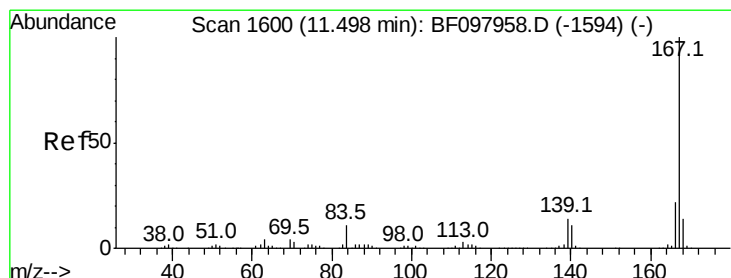
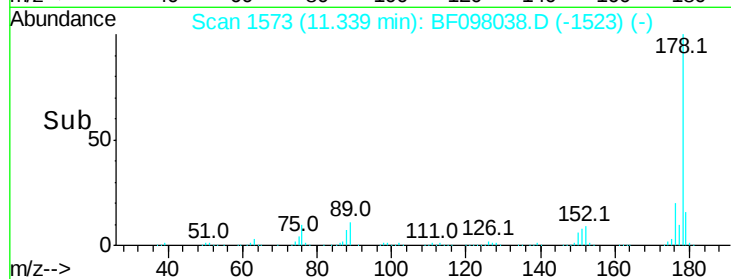
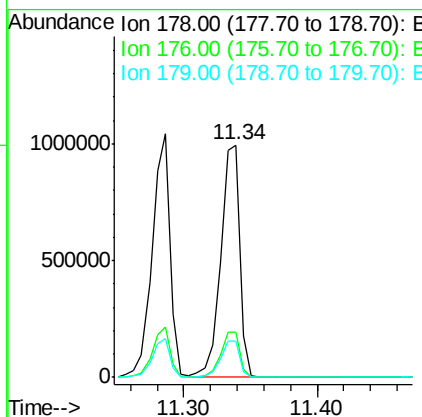
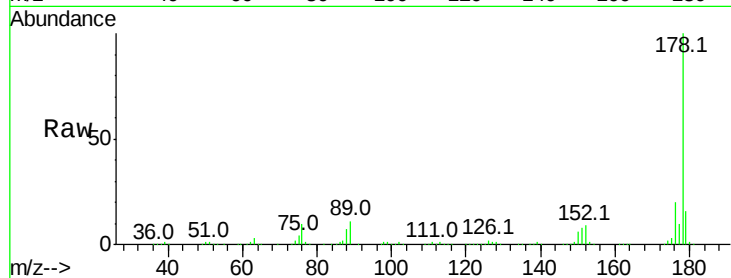
#71
 Anthracene
 Concen: 41.077 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.7	12.7	19.1

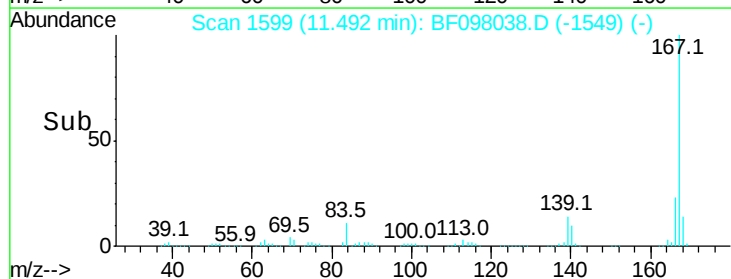
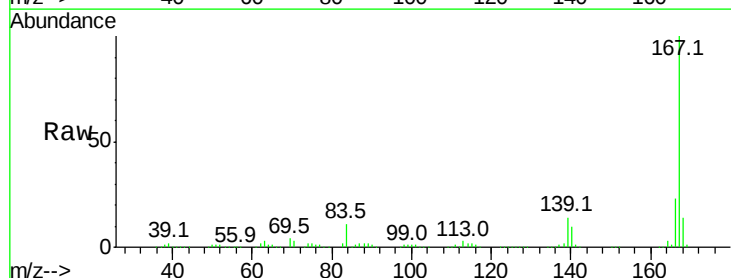
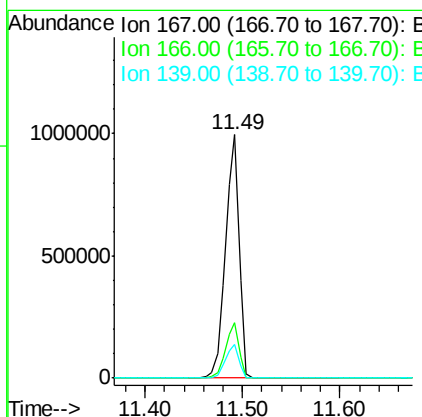
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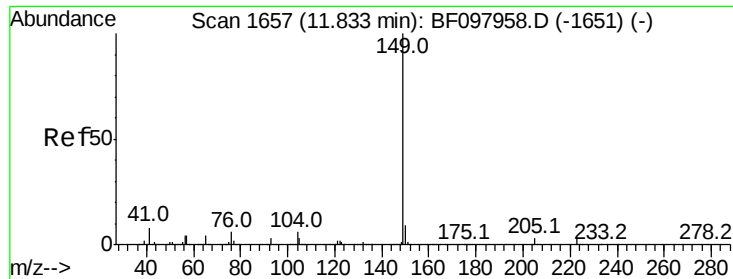
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#72
 Carbazole
 Concen: 41.597 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.1	27.1
139	13.8	11.7	17.5





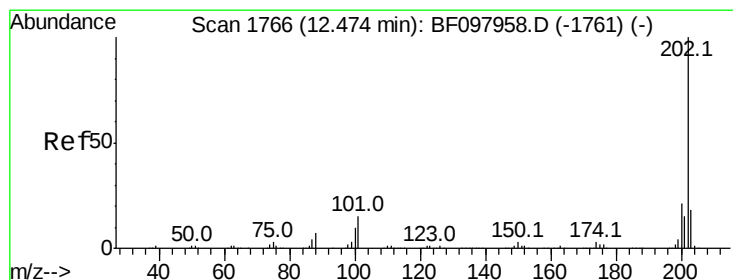
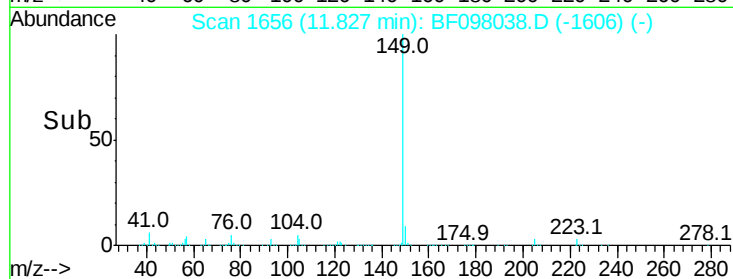
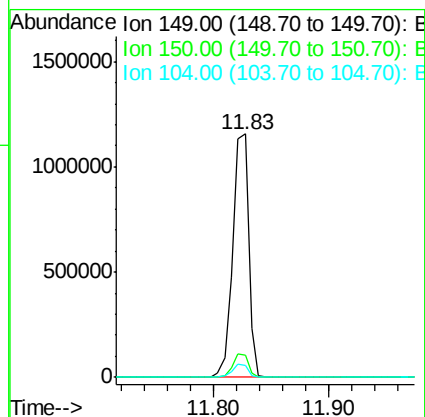
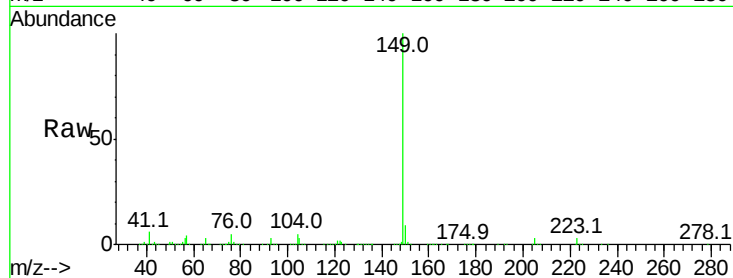
#73
Di-n-butylphthalate
Concen: 41.287 ng
RT: 11.83 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.1	4.0	6.0

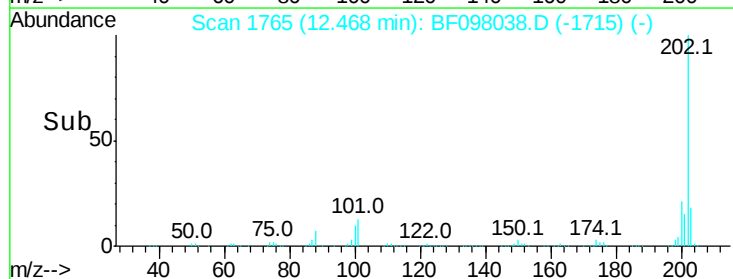
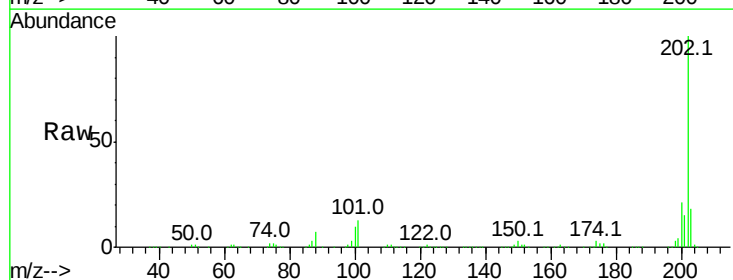
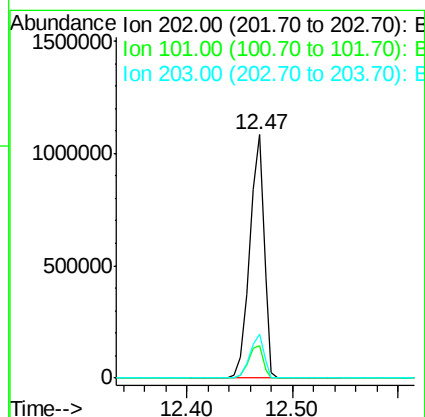
Manual Integrations
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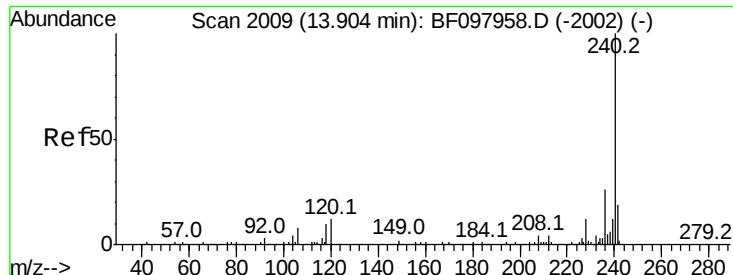
Sohil
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#74
Fluoranthene
Concen: 40.564 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Instrument :

BNA_F

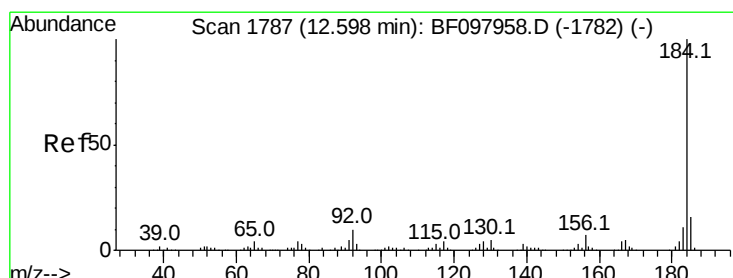
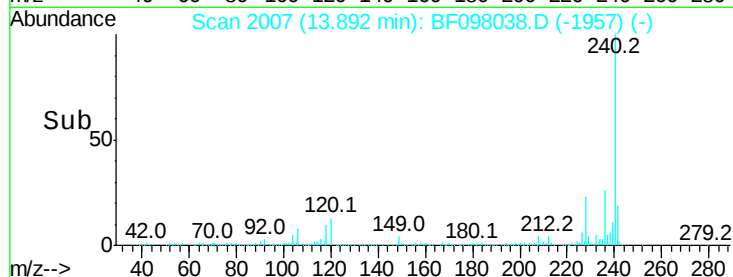
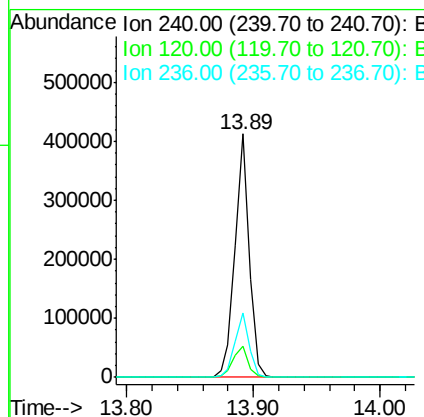
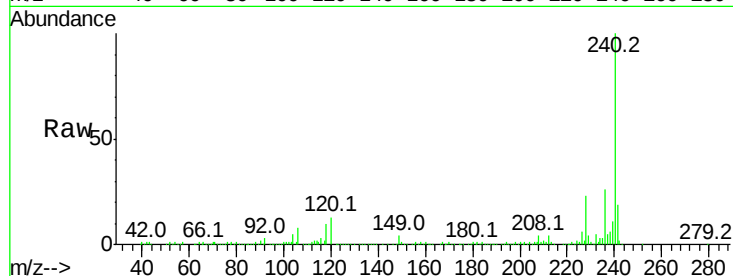
ClientSampled :

PB101833BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.7	5.8	8.8#	
236	26.3	20.5	30.7	

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#76

Benzidine

Concen: 37.917 ng

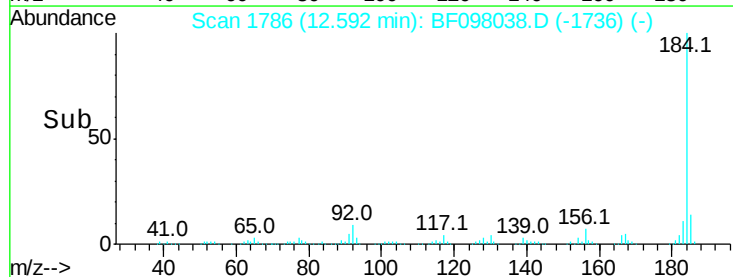
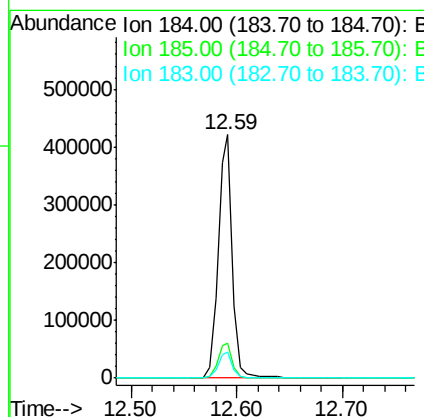
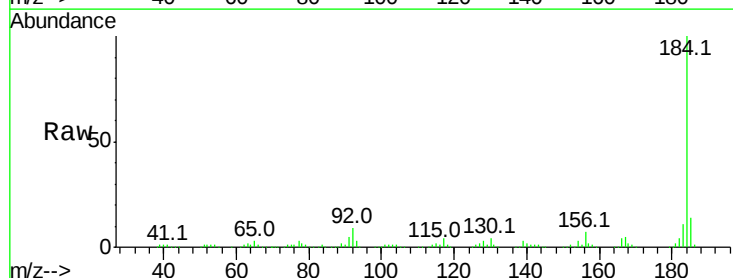
RT: 12.59 min Scan# 1786

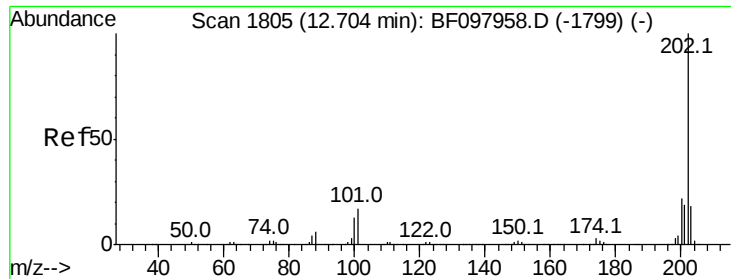
Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.2	15.5	23.3#	
183	10.7	9.8	14.6	





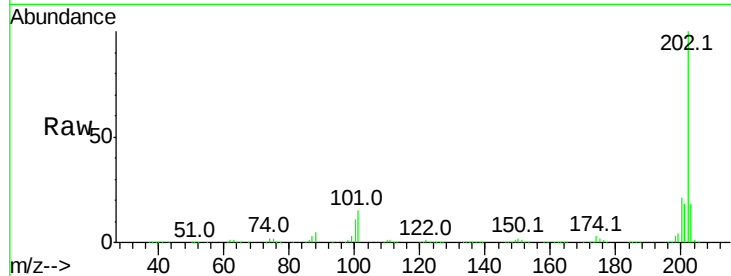
#77
Pvrene
Concen: 40.499 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

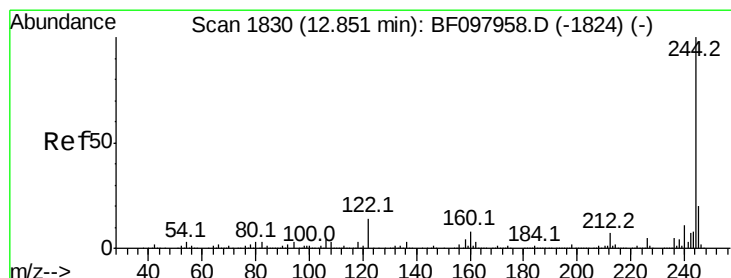
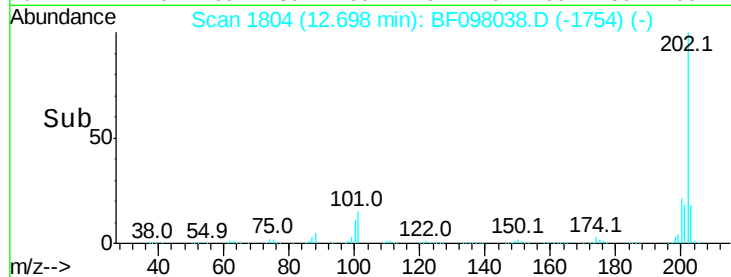
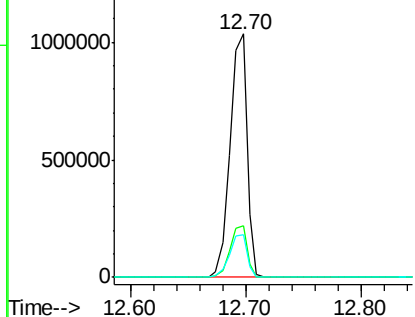
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.8	14.4	21.6

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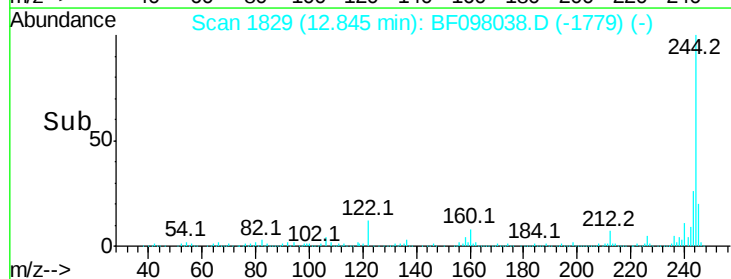
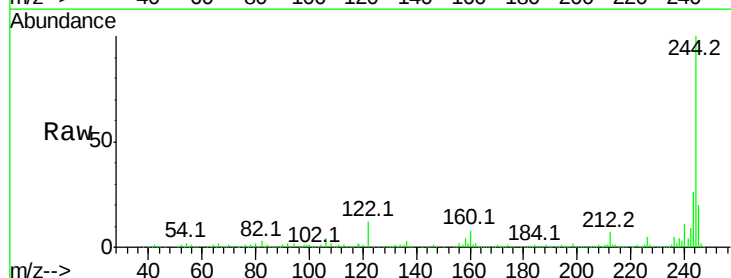
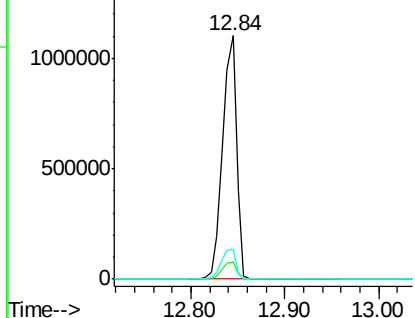
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

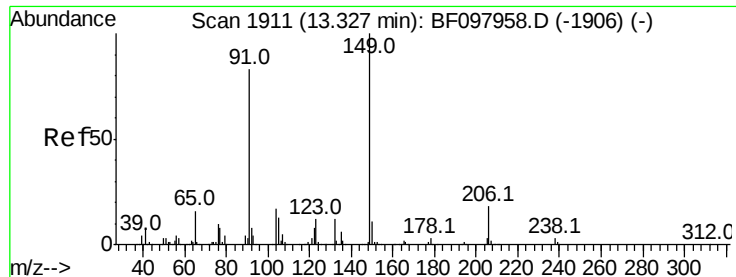


#78
Terphenyl-d14
Concen: 75.344 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.2	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 46.063 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Instrument :

BNA_F

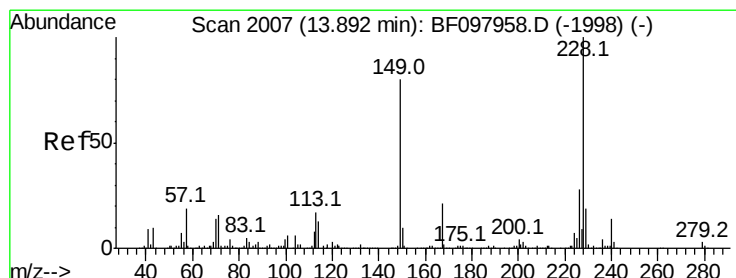
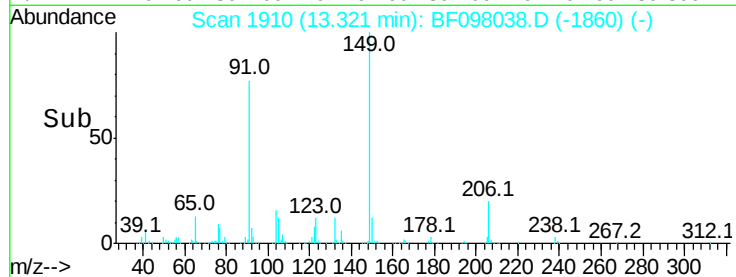
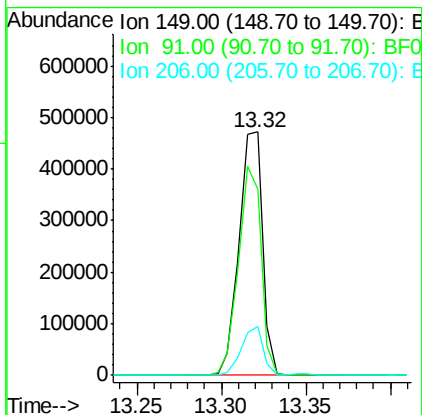
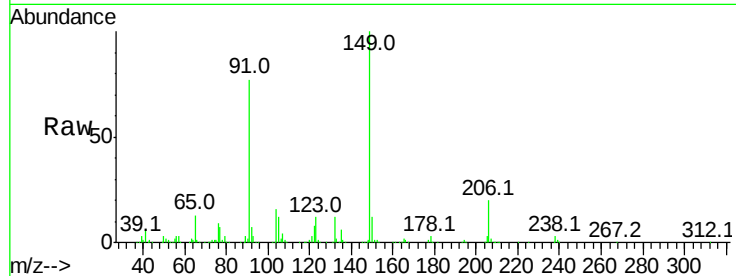
ClientSampleId :

PB101833BSD

Tot Ion:	149	Resp:	460802
Ion Ratio	Lower	Upper	
149	100		
91	76.5	45.0	67.4#
206	20.0	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 38.726 ng

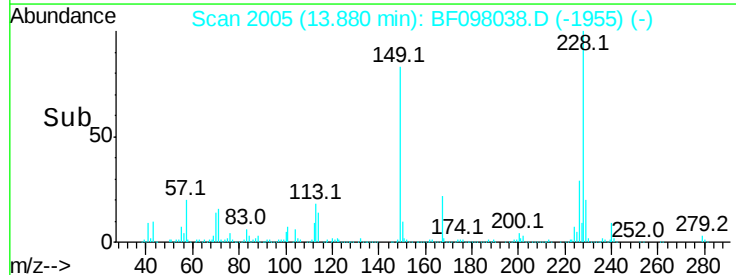
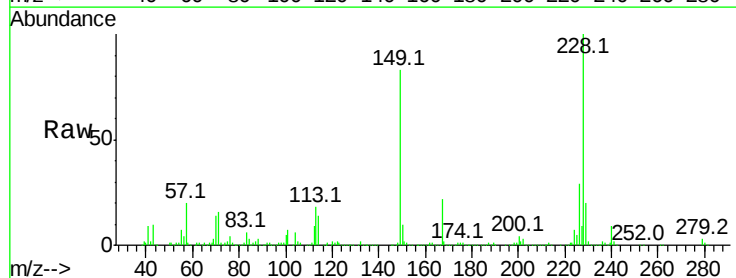
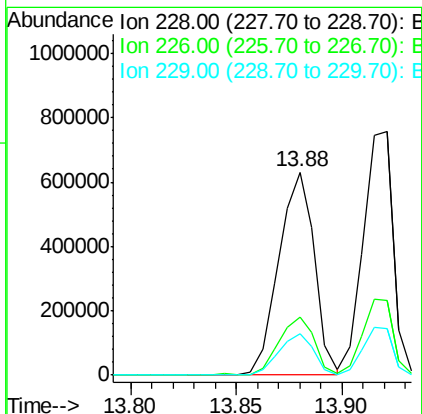
RT: 13.88 min Scan# 2005

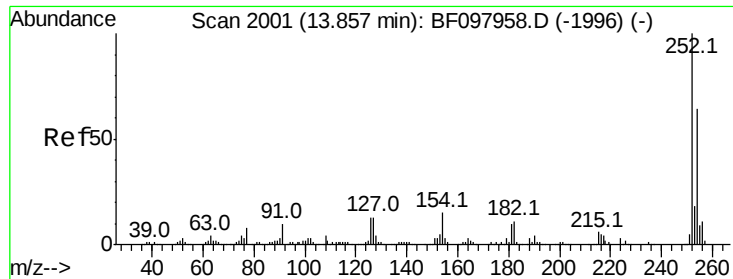
Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Tgt Ion:	228	Resp:	740445
Ion Ratio	Lower	Upper	
228	100		
226	28.6	22.6	33.8
229	20.1	16.3	24.5





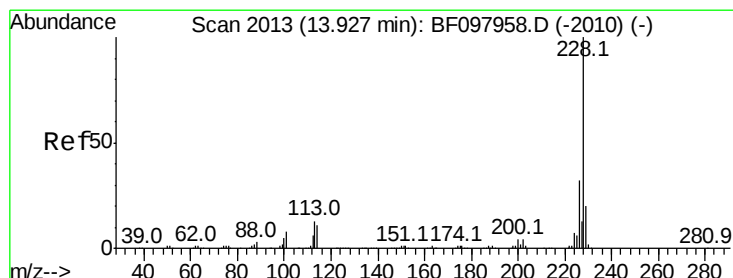
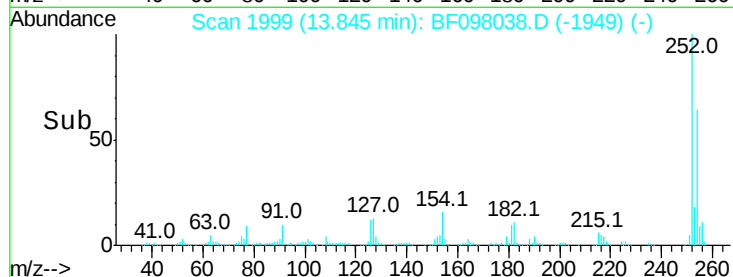
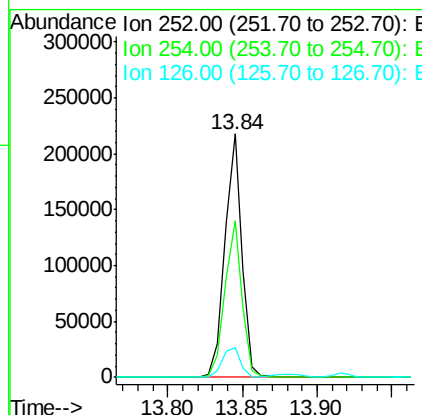
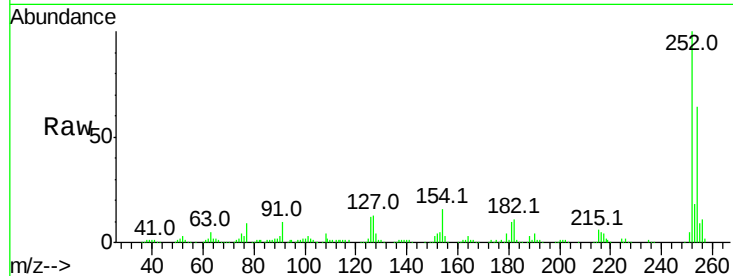
#81
 3,3'-Dichlorobenzidine
 Concen: 27.457 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.1	51.5	77.3
126	12.1	15.8	23.8

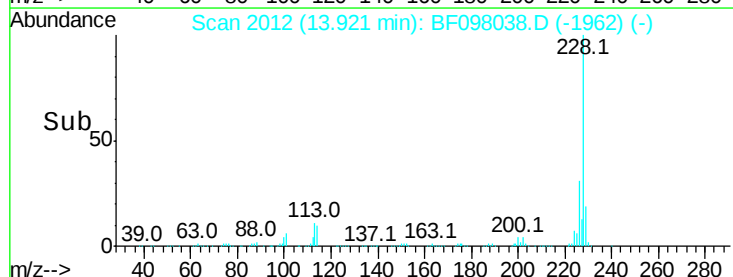
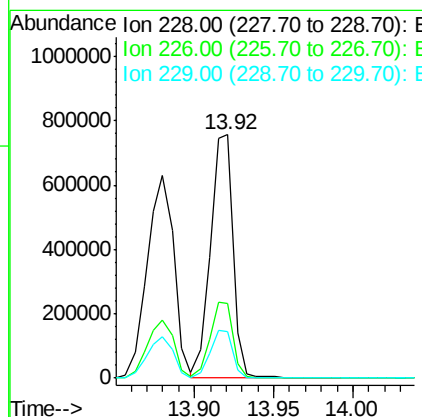
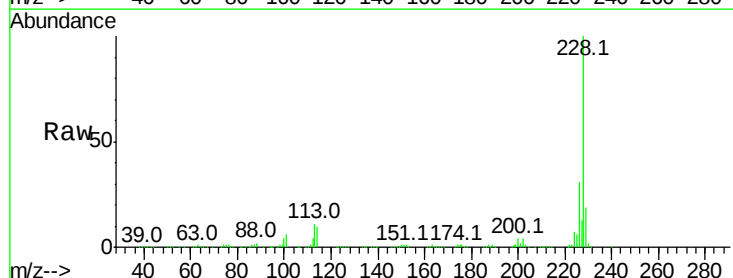
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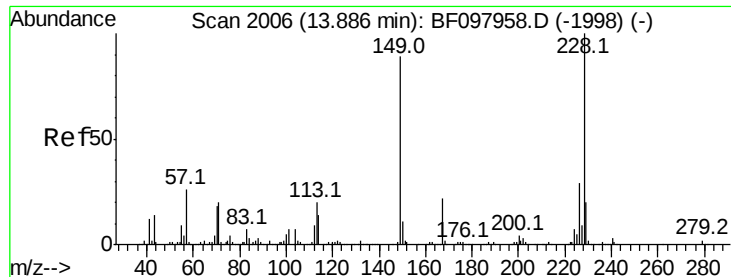
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#82
 Chrysene
 Concen: 39.506 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.2	15.8	23.6





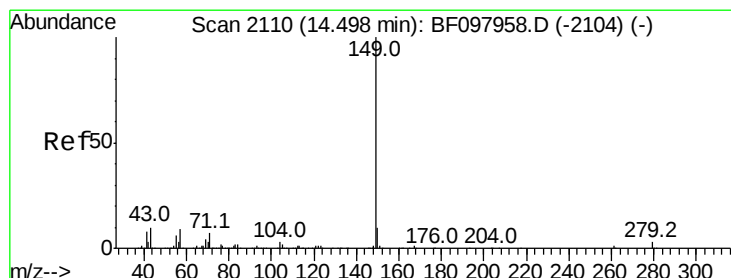
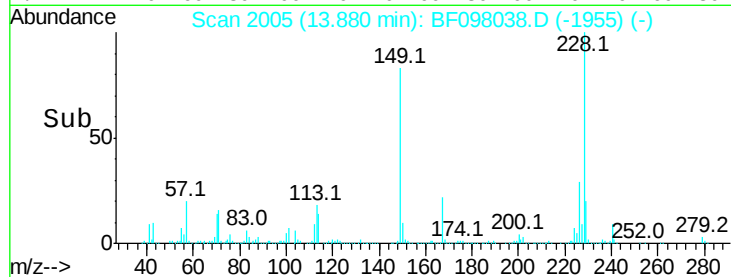
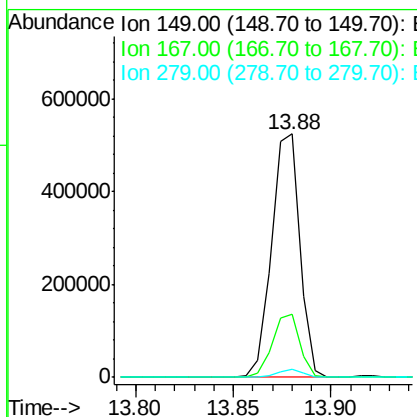
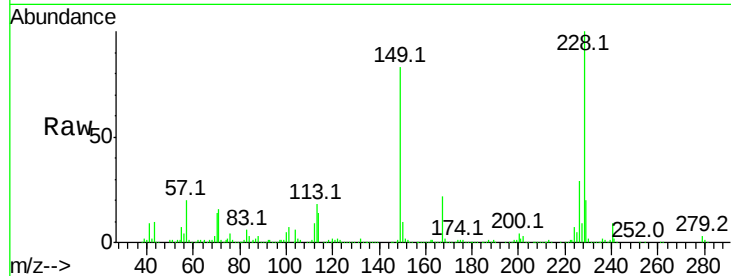
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.473 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BSD

Tot Ion:	149	Resp:	526251
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.0	31.4
279	3.4	1.9	2.9

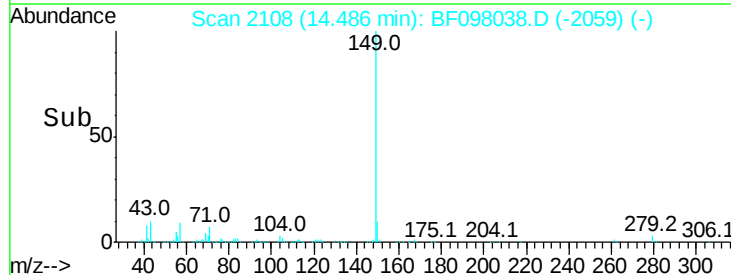
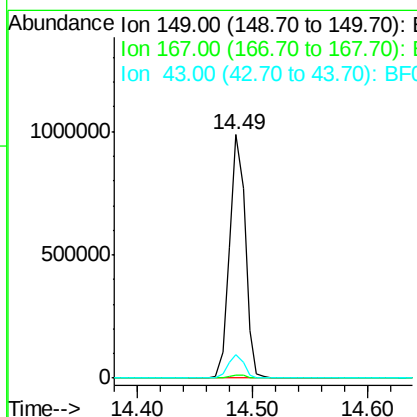
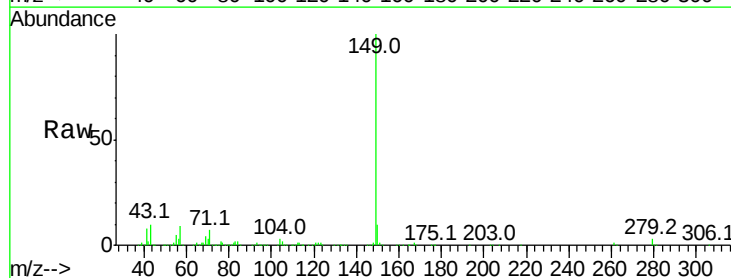
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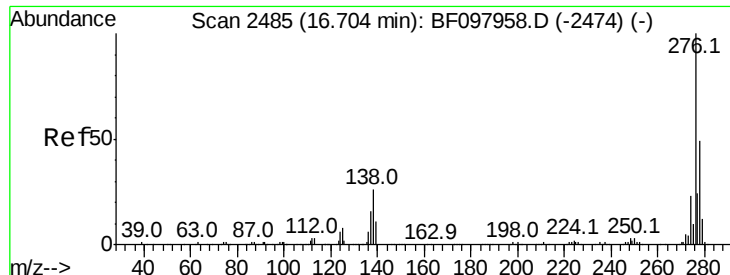
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#84
 Di-n-octyl phthalate
 Concen: 48.169 ng
 RT: 14.49 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Tgt Ion:	149	Resp:	929094
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.8	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.269 ng

RT: 16.69 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Instrument :

BNA_F

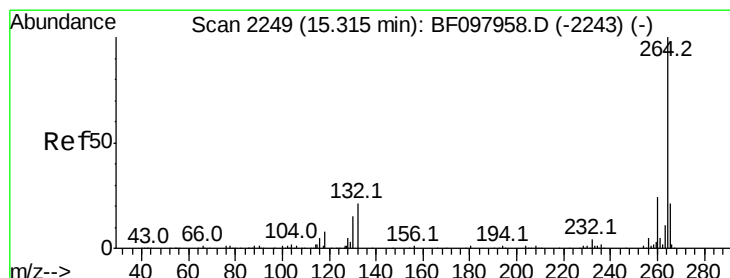
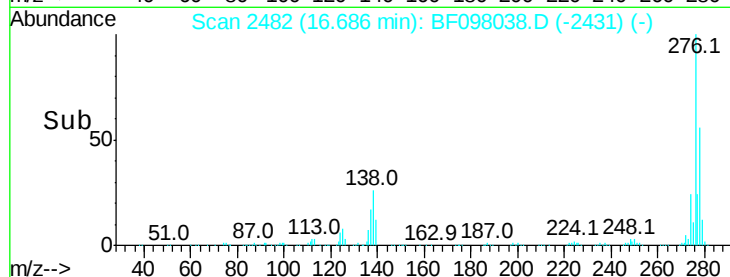
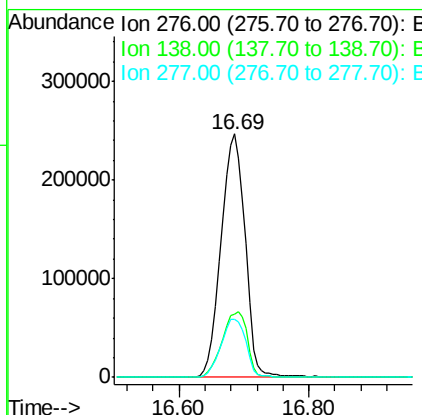
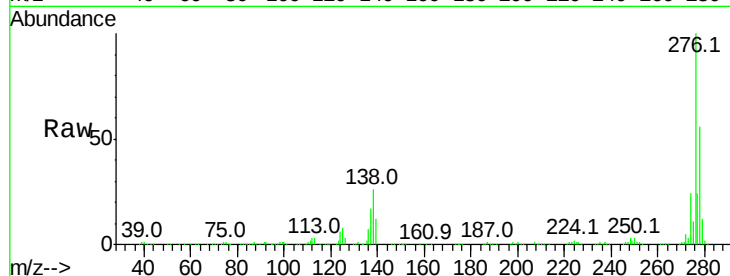
ClientSampleId :

PB101833BSD

Tot Ion:	276	Resp:	633409
Ion Ratio		Lower	Upper
276	100		
138	28.5	27.8	41.6
277	24.9	20.2	30.4

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#86

Perylene-d12

Concen: 20.000 ng

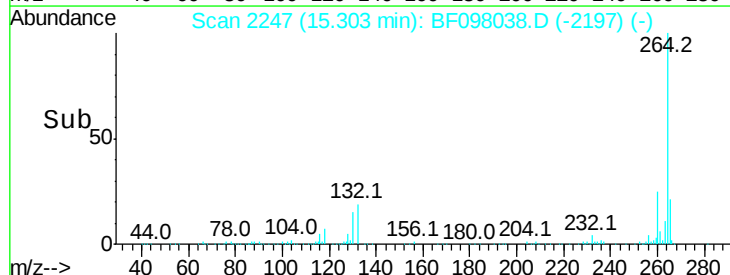
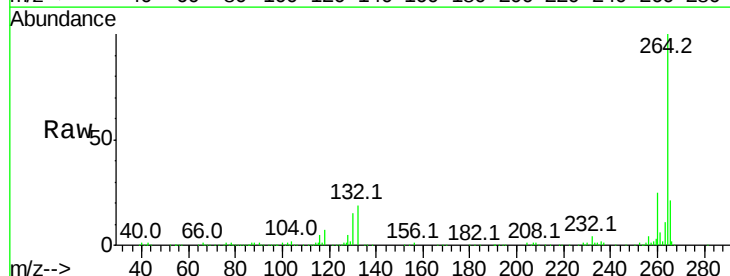
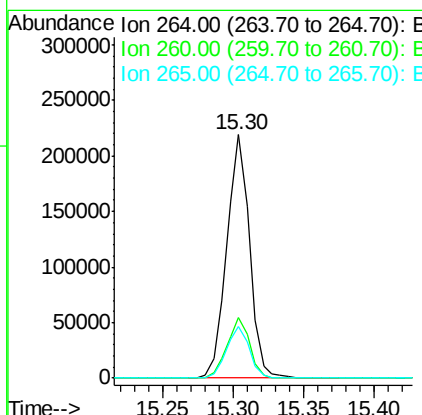
RT: 15.30 min Scan# 2247

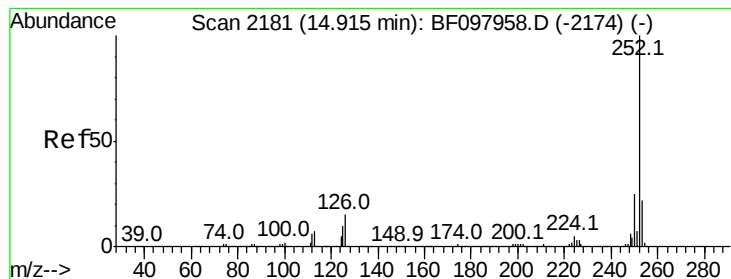
Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Tgt Ion:	264	Resp:	245195
Ion Ratio		Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.636 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Instrument :

BNA_F

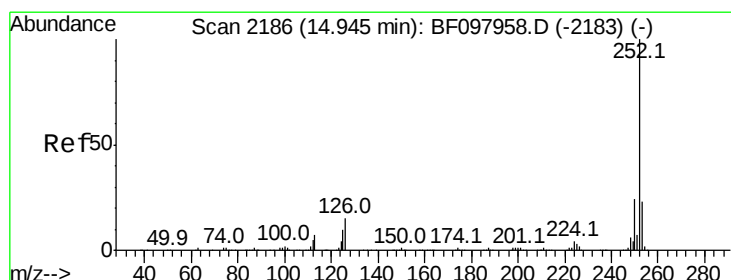
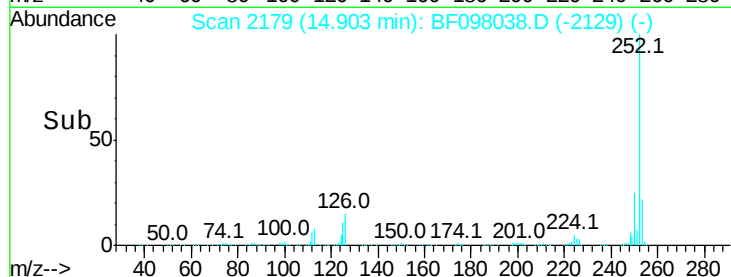
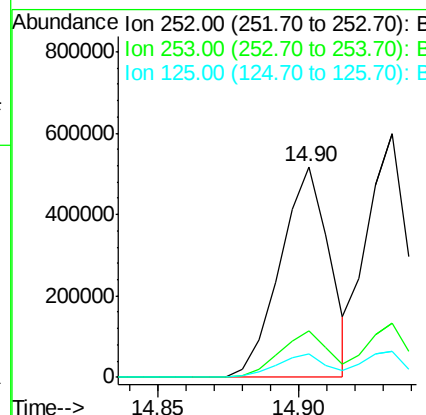
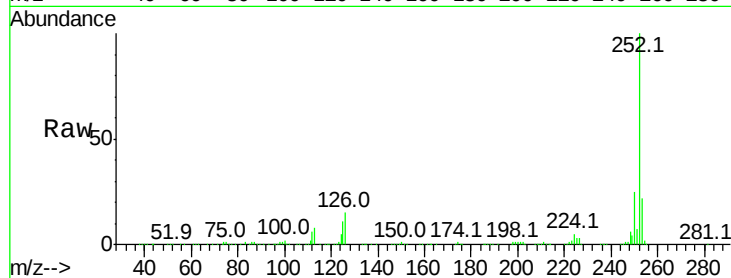
ClientSampleId :

PB101833BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	10.9	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 41.119 ng

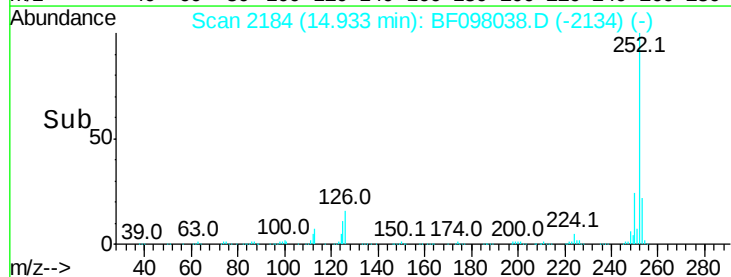
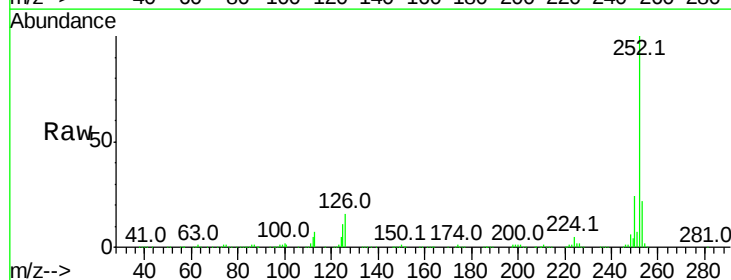
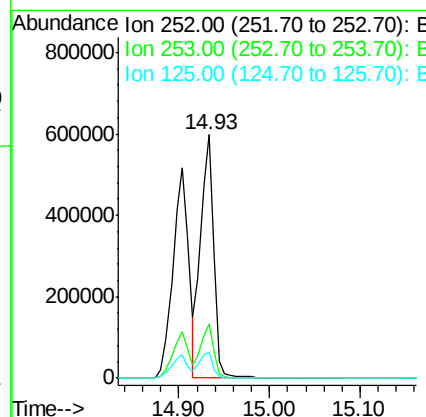
RT: 14.93 min Scan# 2184

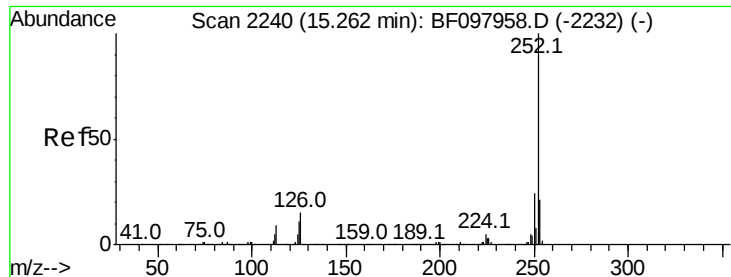
Delta R.T. -0.01 min

Lab File: BF098038.D

Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	10.7	13.1	19.7#





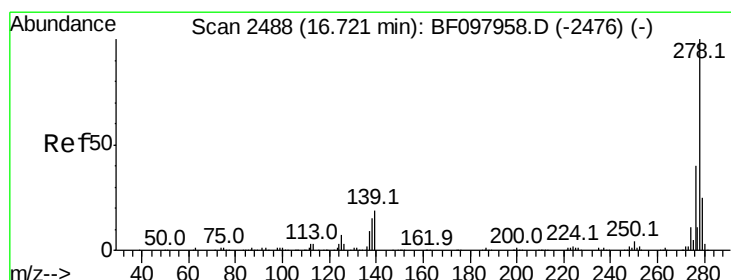
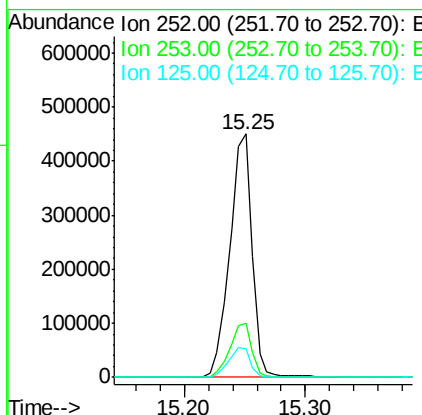
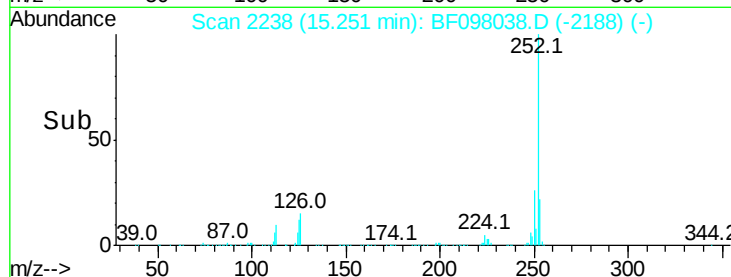
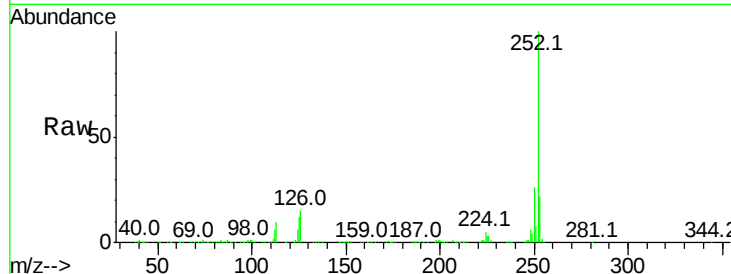
#89
Benzo(a)pyrene
Concen: 42.509 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Instrument :
BNA_F
ClientSampleId :
PB101833BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.8	11.0	16.4

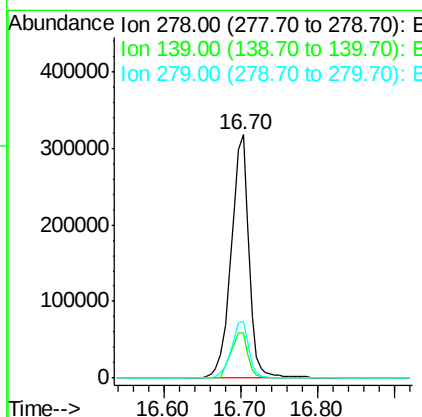
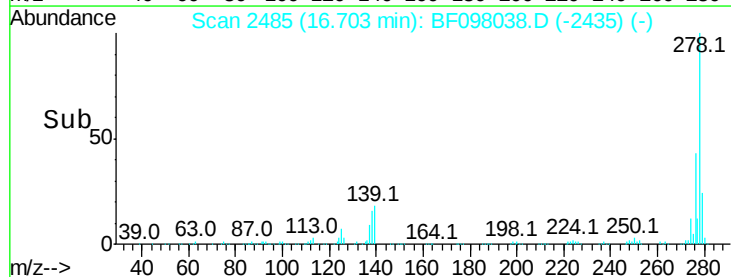
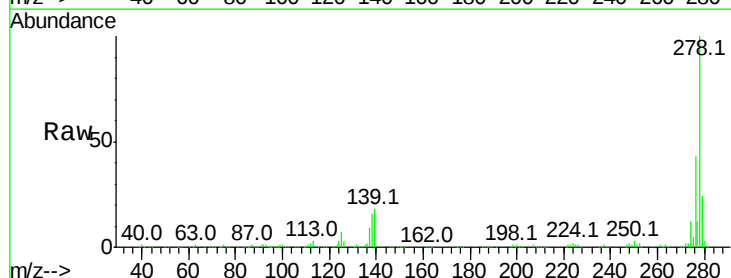
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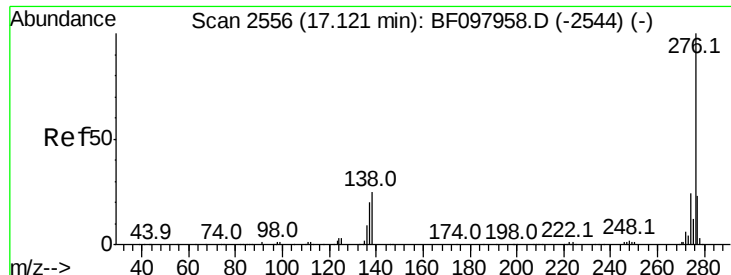
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#90
Dibenzo(a,h)anthracene
Concen: 46.363 ng
RT: 16.70 min Scan# 2485
Delta R.T. -0.01 min
Lab File: BF098038.D
Acq: 25 Aug 2017 18:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.5	16.6	24.8
279	23.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 47.653 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BF098038.D
 Acq: 25 Aug 2017 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB101833BSD

Tot Ion:	276	Resp:	553856
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.6	28.0
138	26.0	25.4	38.0

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