

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097383.D
 Acq On : 5 Aug 2017 4:33
 Operator : SJ/JU
 Sample : I4588-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-BASE

Manual Integrations
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Sohil
 8/7/2017 6:10:15 PM

Quant Time: Aug 06 05:04:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	139395	20.00	ng	0.09
21) Naphthalene-d8	7.81	136	5335m	20.00	ng	0.02
38) Acenaphthene-d10	9.67	164	1208	20.00	ng	0.14
63) Phenanthrene-d10	11.43	188	729	20.00	ng	0.43
75) Chrysene-d12	14.08	240	1259	20.00	ng	0.45
86) Perylene-d12	15.48	264	107	20.00	ng	0.51
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	430929	46.60	ng	-0.06
7) Phenol-d6	6.11	99	576626	54.62	ng	-0.06
23) Nitrobenzene-d5	7.01	82	327422	3600.35	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	67440	7065.95	ng	-0.07
44) 2-Fluorobiphenyl	8.79	172	294186	4132.96	ng	-0.08
78) Terphenyl-d14	12.98	244	532	8.62	ng	0.39
Target Compounds						
6) Aniline	6.18	93	79085	5.953	ng	Qvalue # 52
10) Phenol	6.12	94	34680	2.770	ng	79
11) bis(2-Chloroethyl)ether	6.18	93	77886m	7.865	ng	
13) 1,4-Dichlorobenzene	6.46	146	38453m	3.641	ng	
14) 1,2-Dichlorobenzene	6.61	146	122440	13.280	ng	97
17) 2-Methylphenol	6.74	107	36565m	4.792	ng	
20) 3+4-Methylphenols	6.90	107	59230m	5.943	ng	
22) Acetophenone	7.04	105	1202	9.382	ng	# 61
24) Nitrobenzene	7.22	77	1396	14.739	ng	# 2
26) 2-Nitrophenol	7.72	139	427	8.333	ng	# 1
27) 2,4-Dimethylphenol	7.72	122	19463	230.254	ng	91
28) bis(2-Chloroethoxy)methane	7.65	93	359	3.089	ng	# 1
29) 2,4-Dichlorophenol	7.76	162	879	12.071	ng	# 1
30) 1,2,4-Trichlorobenzene	7.67	180	4878	70.279	ng	86
31) Naphthalene	7.74	128	617188	2454.166	ng	100
32) Benzoic acid	7.72	122	19463	308.356	ng	# 23
33) 4-Chloroaniline	7.74	127	82237	803.655	ng	# 33
35) Caprolactam	8.38	113	878	37.602	ng	# 1
36) 4-Chloro-3-methylphenol	8.52	107	1052	13.242	ng	# 1
37) 2-Methylnaphthalene	8.53	142	310123	1947.658	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	157	4.871	ng	# 1
42) 2,4,6-Trichlorophenol	8.90	196	270	11.559	ng	# 13
43) 2,4,5-Trichlorophenol	8.90	196	270	11.549	ng	# 1
45) 1,1'-Biphenyl	8.89	154	44693	433.156	ng	97
46) 2-Chloronaphthalene	9.13	162	6204	81.708	ng	# 1
47) 2-Nitroaniline	9.20	65	1461	53.020	ng	# 1
48) Acenaphthylene	9.49	152	25213	216.338	ng	# 1
49) Dimethylphthalate	9.20	163	109233	1190.765	ng	99
50) 2,6-Dinitrotoluene	9.54	165	794	40.810	ng	89
51) Acenaphthene	9.49	154	39018	568.370	ng	97
52) 3-Nitroaniline	9.67	138	1793	74.245	ng	# 30
53) 2,4-Dinitrophenol	9.75	184	588	66.469	ng	# 66
54) Dibenzofuran	9.87	168	1436	15.704	ng	# 1
55) 4-Nitrophenol	9.57	139	5690	396.199	ng	77

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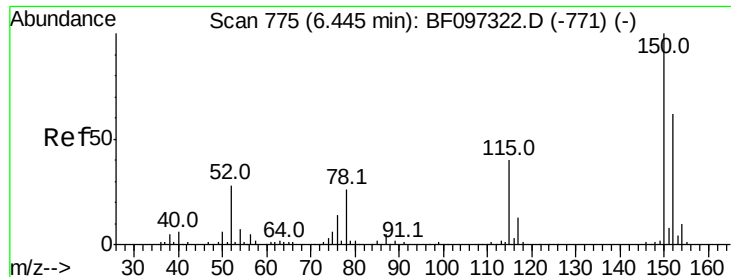
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 2,4-Dinitrotoluene	9.89	165	8592	384.148	nq	# 65
57) Fluorene	10.25	166	5158	75.053	nq	# 45
58) 2,3,4,6-Tetrachlorophenol	9.90	232	128	7.929	nq	# 1
59) Diethylphthalate	10.10	149	367	4.361	nq	# 44
60) 4-Chlorophenyl-phenylether	10.30	204	117	4.123	nq	# 1
61) 4-Nitroaniline	10.26	138	806	35.125	nq	# 1
62) Azobenzene	10.36	77	8836	113.175	nq	# 57
64) 4,6-Dinitro-2-methylphenol	10.57	198	1749	386.097	nq	# 98
65) n-Nitrosodiphenylamine	10.61	169	8694	342.757	nq	# 35
68) Atrazine	11.23	200	281	38.634	nq	# 23
70) Phenanthrene	11.48	178	298	7.629	nq	# 1
71) Anthracene	11.53	178	1270	31.745	nq	# 3
72) Carbazole	11.63	167	1401	35.608	nq	# 1
73) Di-n-butylphthalate	11.99	149	207	4.256	nq	# 78
74) Fluoranthene	12.72	202	629	16.438	nq	# 1
76) Benzidine	12.77	184	109	2.333	nq	# 1
77) Pyrene	12.85	202	590	5.724	nq	# 14
79) Butylbenzylphthalate	13.52	149	300	5.722	nq	# 28
80) Benzo(a)anthracene	14.02	228	271	3.327	nq	# 50
81) 3,3'-Dichlorobenzidine	14.02	252	394	12.826	nq	# 1
82) Chrysene	14.02	228	271	3.407	nq	# 49
83) Bis(2-ethylhexyl)phthalate	14.08	149	611	8.926	nq	# 52
84) Di-n-octyl phthalate	14.72	149	483	3.845	nq	# 1
85) Indeno(1,2,3-cd)pyrene	16.46	276	6632	97.231	nq	# 93
87) Benzo(b)fluoranthene	14.92	252	4792	745.024	nq	# 47
88) Benzo(k)fluoranthene	14.84	252	13597	2218.421	nq	# 94

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



#1

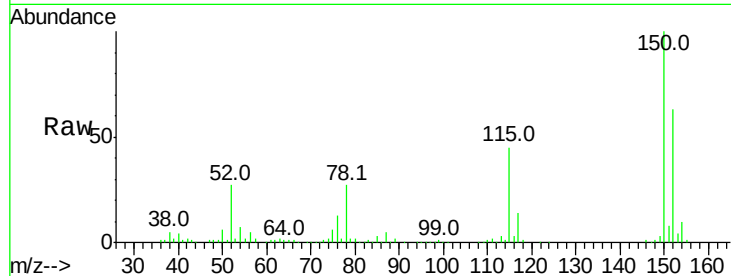
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 817
Delta R.T. 0.09 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Instrument :
BNA_F
ClientSampleId :
E2-O10-BASE

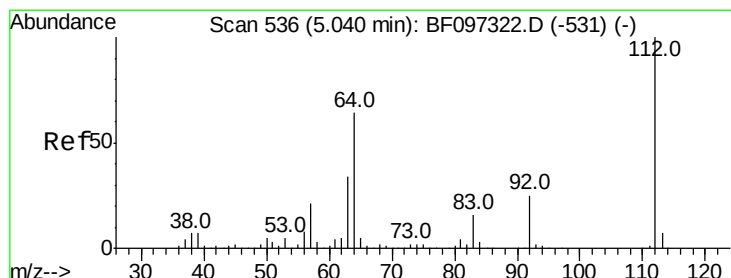
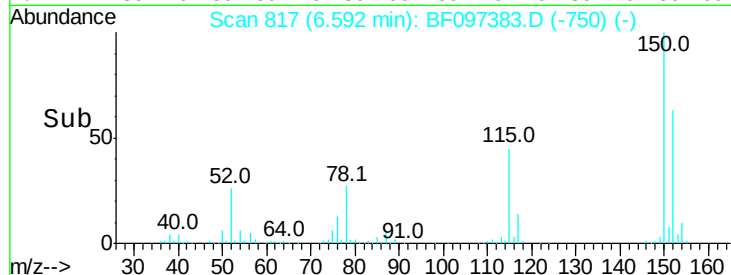
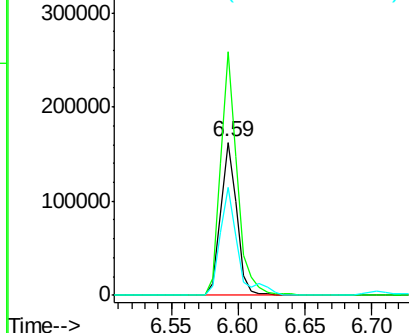
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	70.9	52.2	78.2

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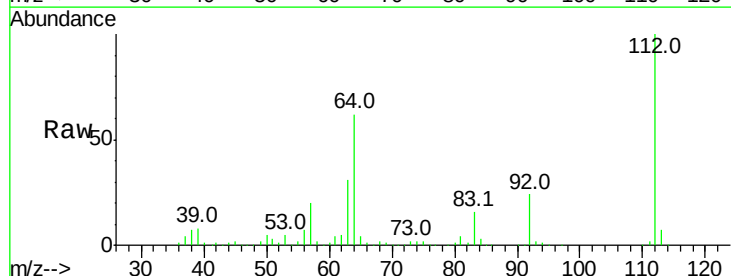
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



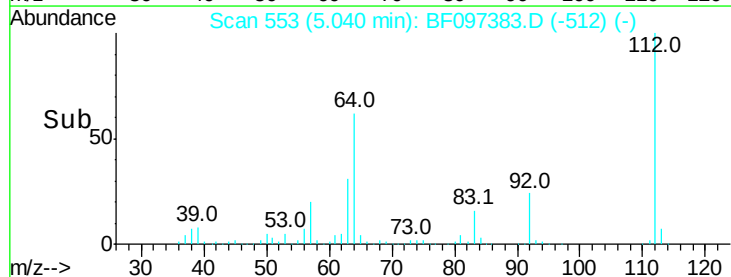
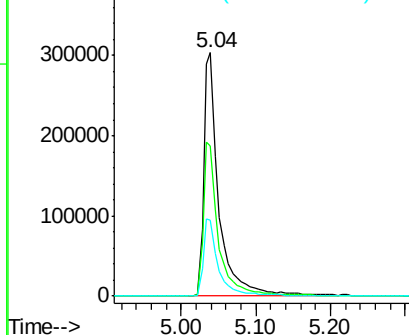
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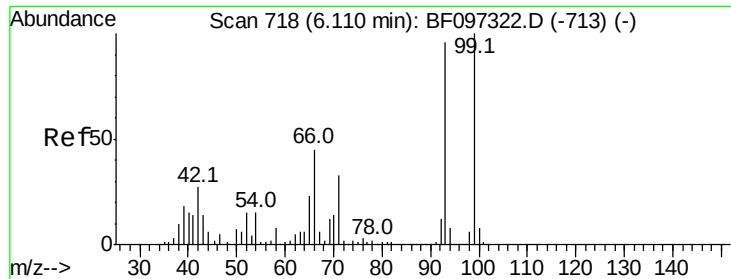
2-Fluorophenol
Concen: 46.603 ng
RT: 5.04 min Scan# 553
Delta R.T. -0.06 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	46.0	69.0
63	31.2	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 5.953 ng

RT: 6.18 min Scan# 747

Delta R.T. 0.02 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Instrument :

BNA_F

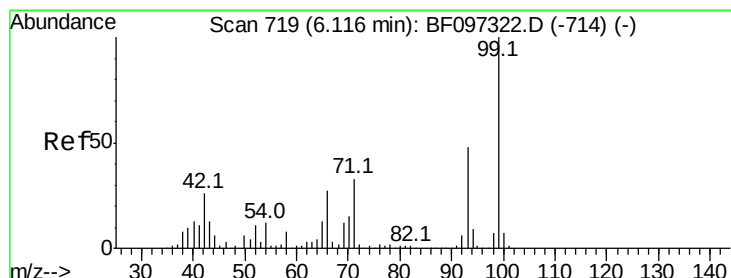
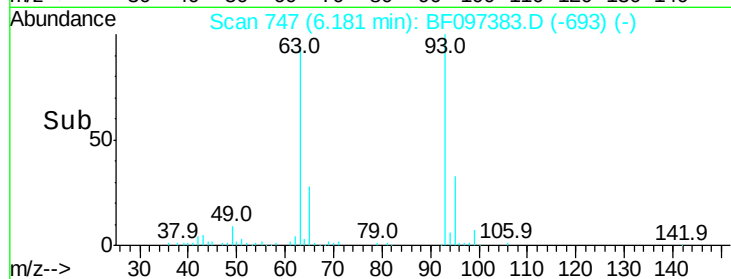
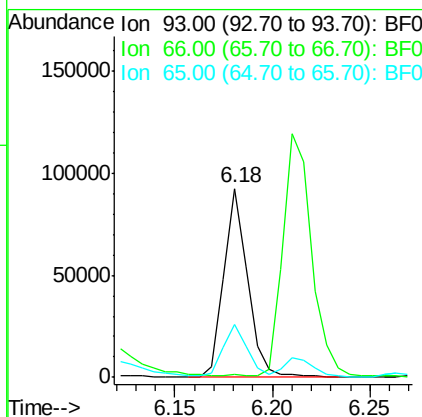
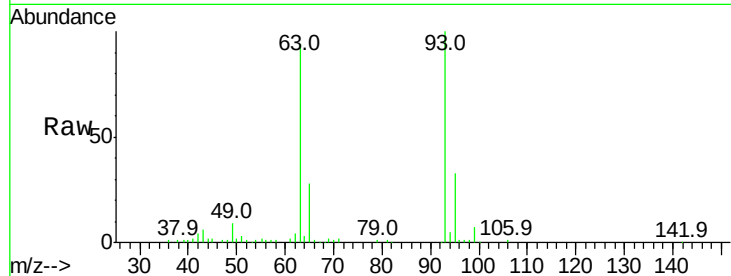
ClientSampleId :

E2-O10-BASE

Tot Ion:	93	Resp:	79085
Ion Ratio	Lower	Upper	
93	100		
66	1.5	32.9	49.3#
65	27.7	16.0	24.0#

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#7

Phenol-d6

Concen: 54.624 ng

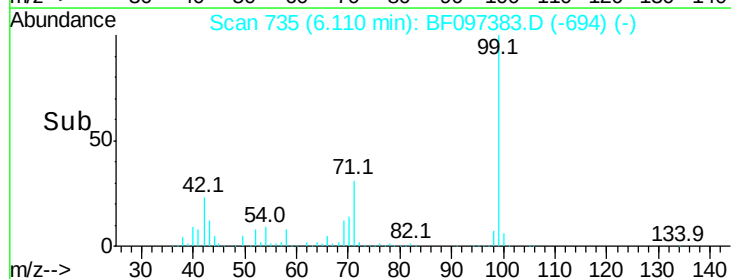
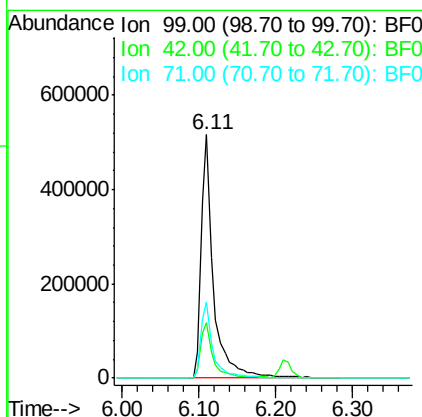
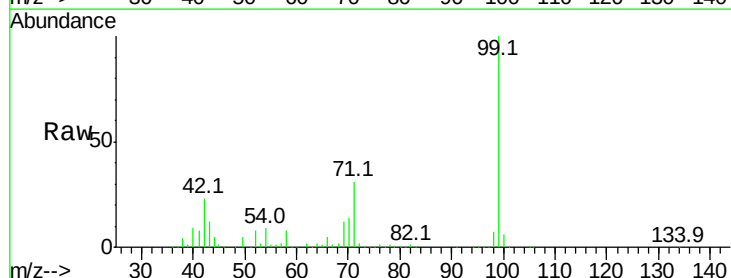
RT: 6.11 min Scan# 735

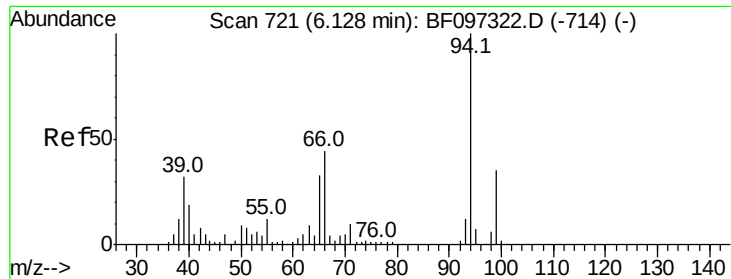
Delta R.T. -0.06 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Tgt Ion:	99	Resp:	576626
Ion Ratio	Lower	Upper	
99	100		
42	22.8	13.5	20.3#
71	30.9	24.5	36.7





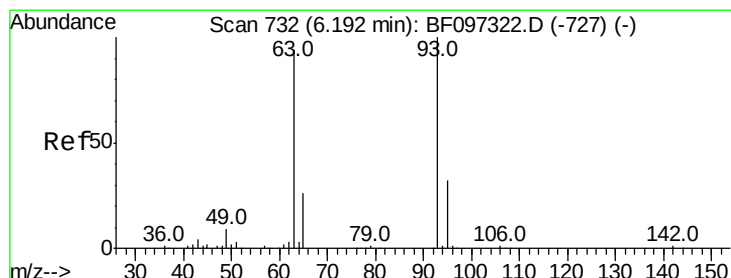
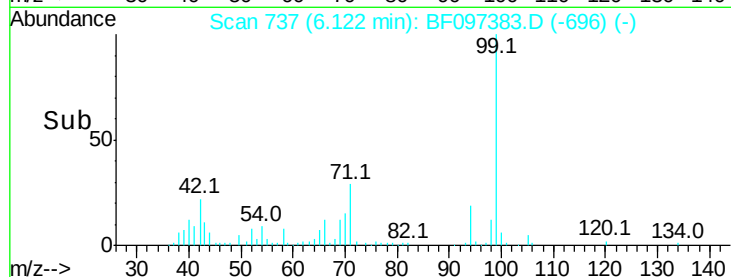
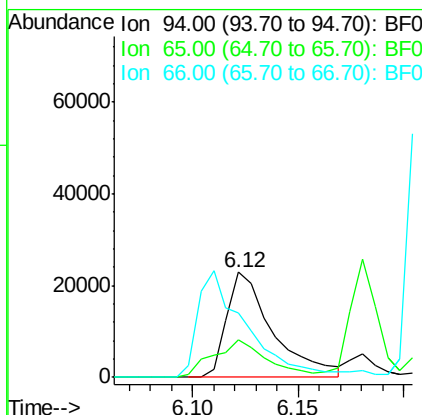
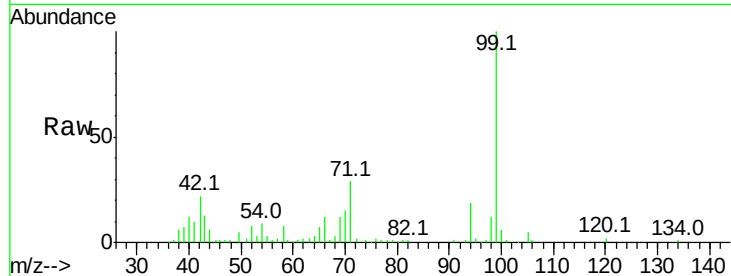
#10
Phenol
Concen: 2.770 ng
RT: 6.12 min Scan# 737
Delta R.T. -0.06 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Instrument :
BNA_F
ClientSampled :
E2-O10-BASE

Tot Ion	Ratio	Resp	Lower	Upper
94	100			
65	35.2	9.9	49.9	
66	61.4	23.1	63.1	

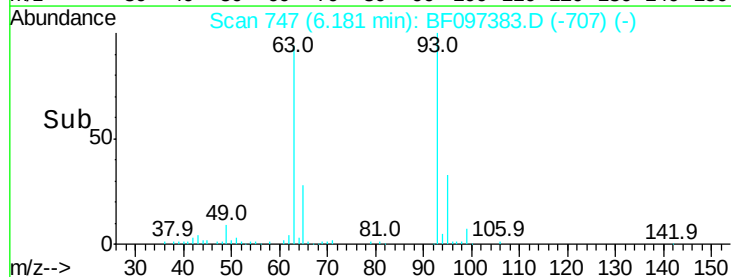
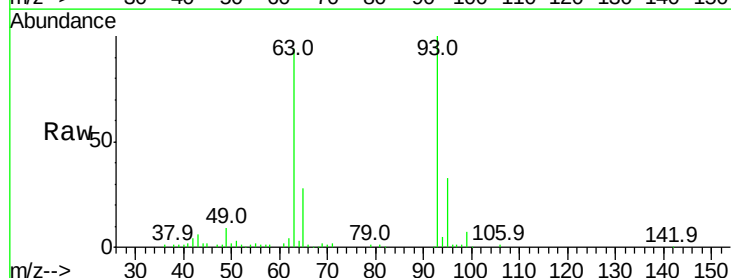
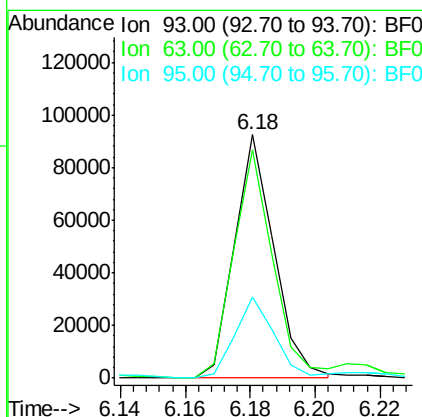
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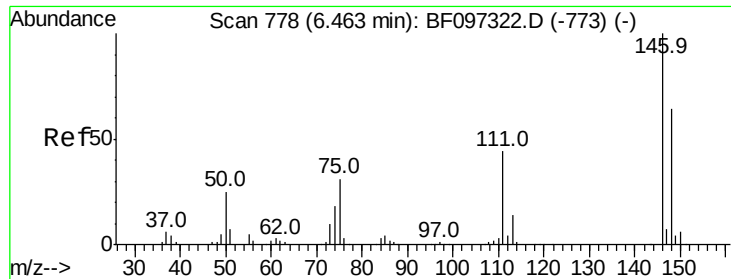
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#11
bis(2-Chloroethyl)ether
Concen: 7.865 ng m
RT: 6.18 min Scan# 747
Delta R.T. -0.06 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
63	93.7	59.2	99.2	
95	33.2	12.8	52.8	





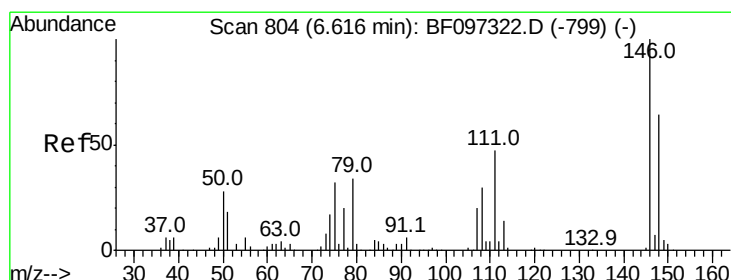
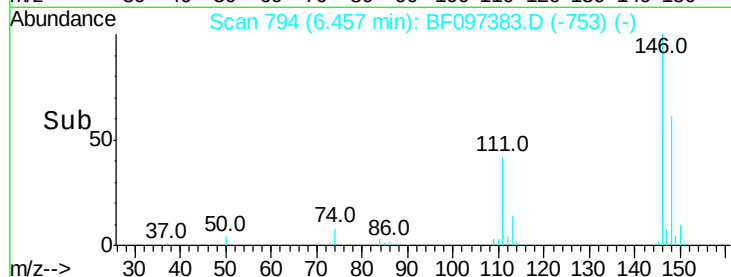
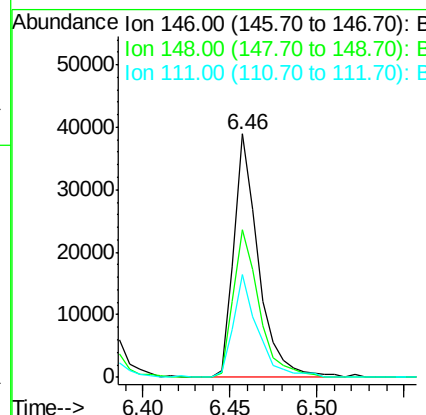
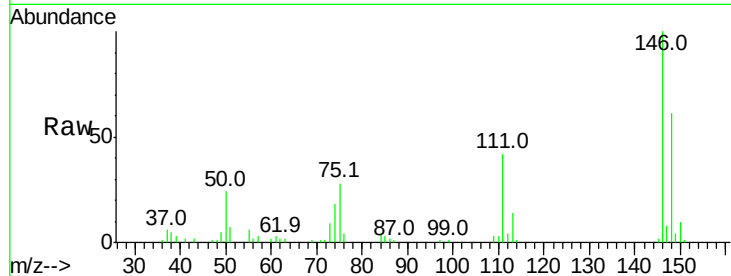
#13
 1,4-Dichlorobenzene
 Concen: 3.641 ng/mL
 RT: 6.46 min Scan# 794
 Delta R.T. -0.06 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Instrument :
 BNA_F
 ClientSampleID :
 E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
146	100		
148	60.6	52.2	78.2
111	42.0	30.3	45.5

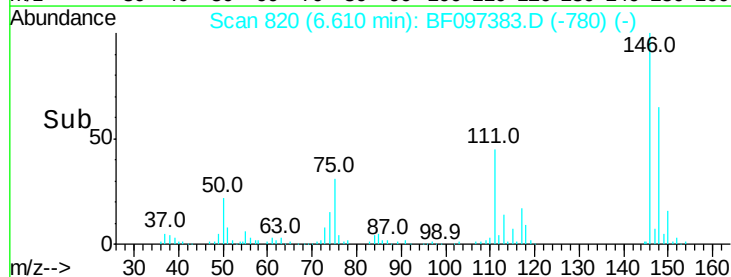
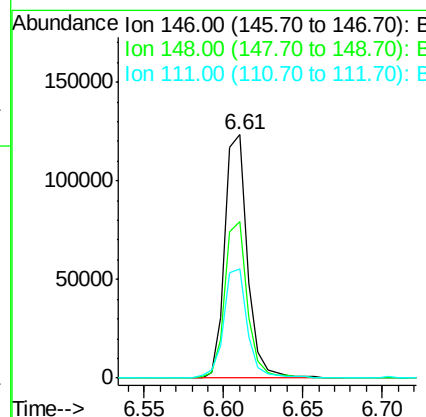
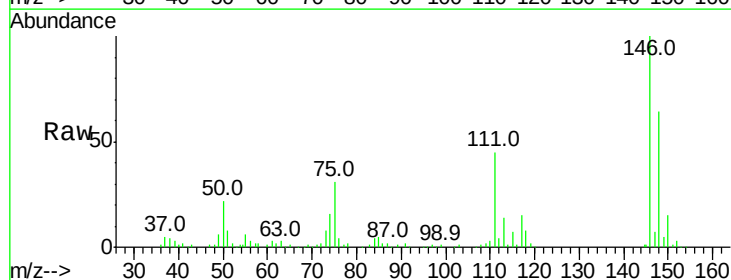
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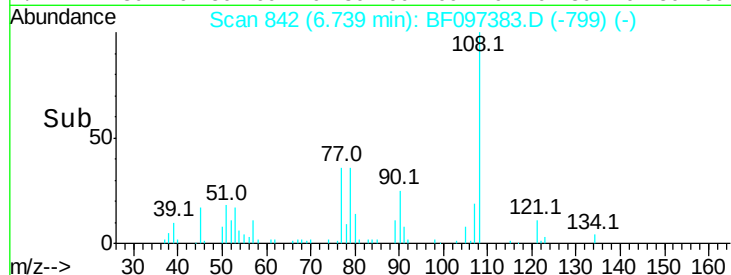
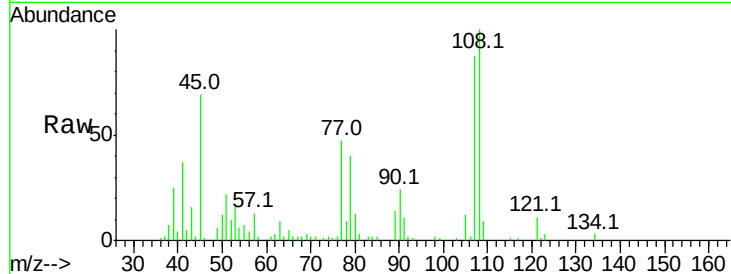
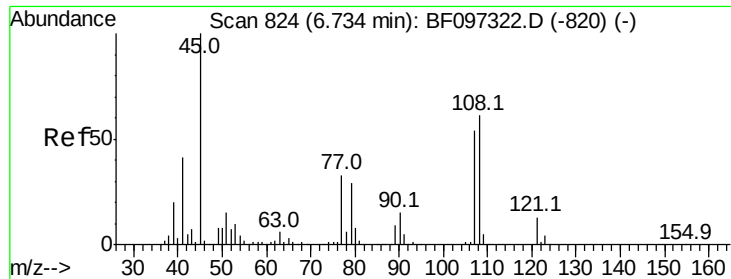
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#14
 1,2-Dichlorobenzene
 Concen: 13.280 ng/mL
 RT: 6.61 min Scan# 820
 Delta R.T. -0.06 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.4	75.6
111	45.0	38.2	57.4





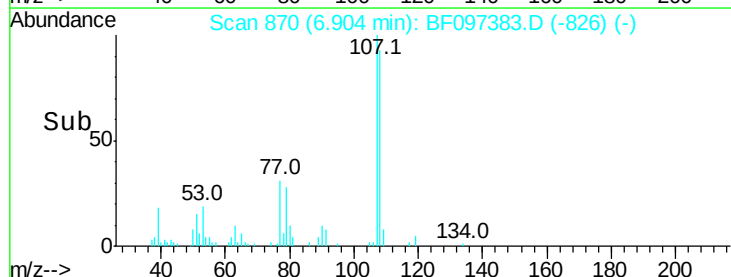
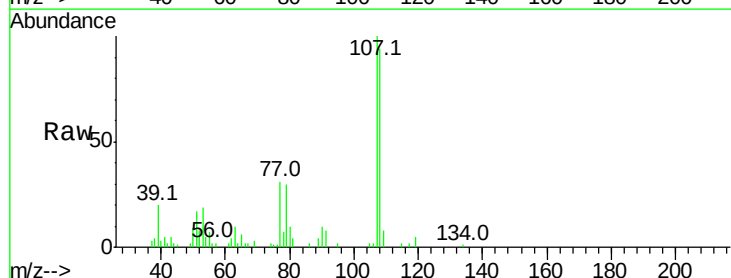
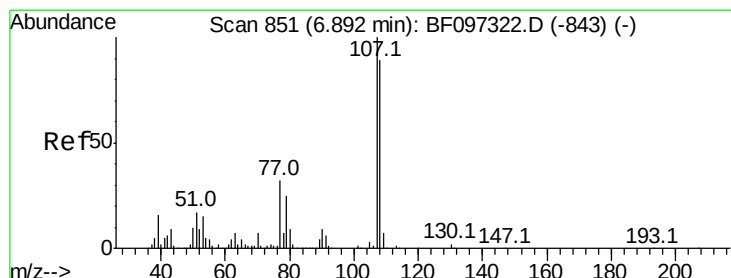
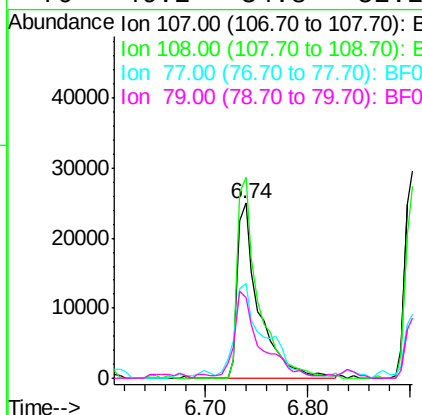
#17
2-Methylphenol
Concen: 4.792 ng m
RT: 6.74 min Scan# 842
Delta R.T. -0.05 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	93.4	140.0	
77	54.3	35.8	53.6	
79	46.2	34.8	52.2	

Instrument :
BNA_F
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E2-O10-BASE

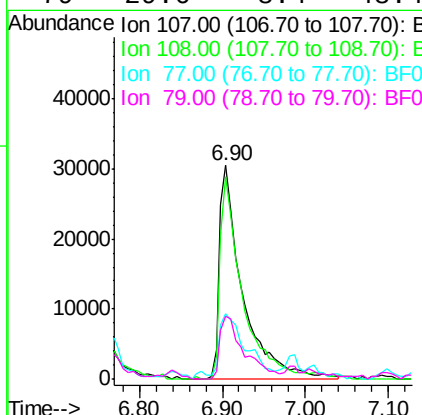
Manual Integrations
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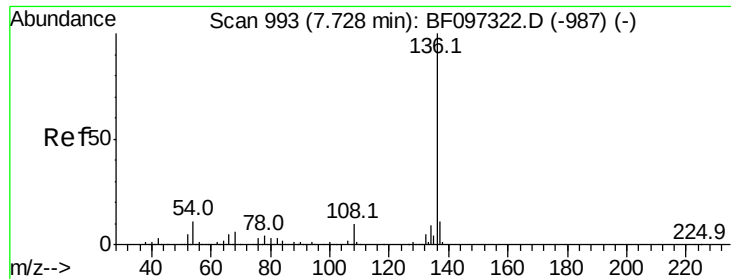
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#20
3+4-Methylphenols
Concen: 5.943 ng m
RT: 6.90 min Scan# 870
Delta R.T. -0.04 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	94.4	71.0	111.0	
77	30.6	90.5	130.5	
79	29.6	8.4	48.4	





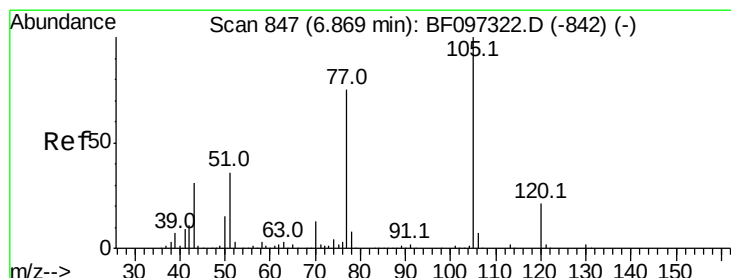
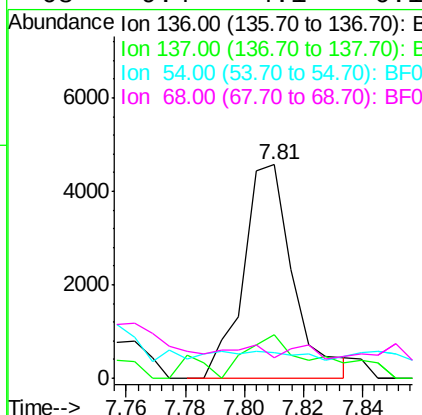
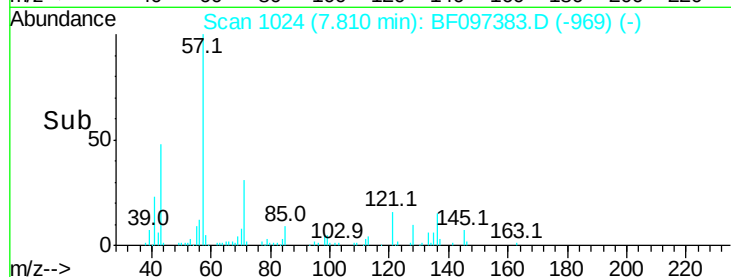
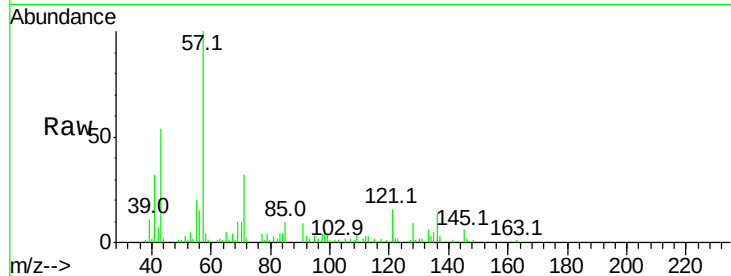
#21
Naphthalene-d8
Concen: 20.000 ng/mL
RT: 7.81 min Scan# 1024
Delta R.T. 0.02 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Instrument :
BNA_F
ClientSampleId :
E2-O10-BASE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	20.6	8.5	12.7#	
54	11.8	4.9	7.3#	
68	9.4	4.1	6.1#	

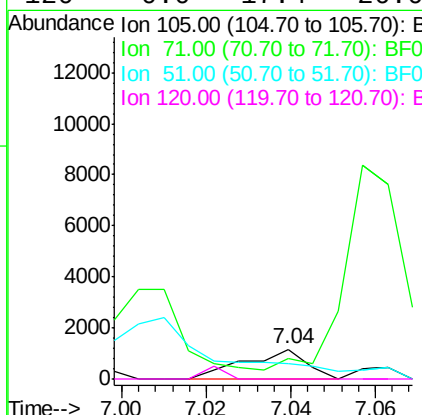
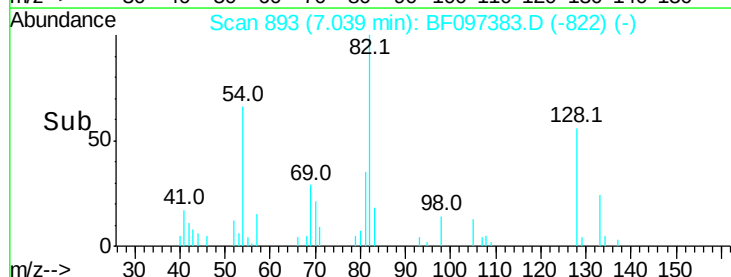
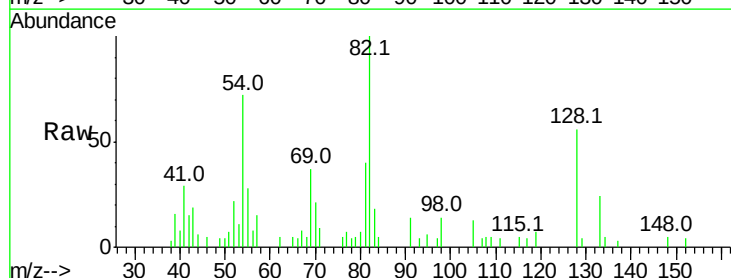
Manual Integrations
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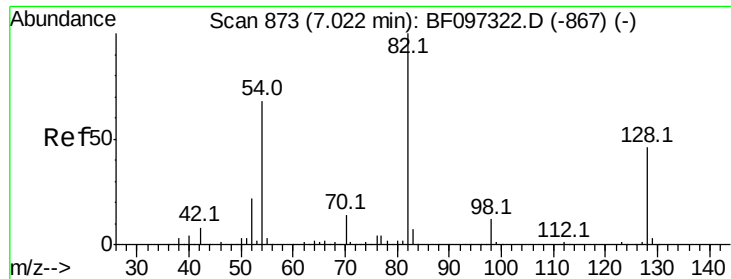
Sohil
8/7/2017 6:10:15 PM



#22
Acetophenone
Concen: 9.382 ng/mL
RT: 7.04 min Scan# 893
Delta R.T. 0.12 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	67.9	2.8	4.2#	
51	50.9	30.7	46.1#	
120	0.0	17.4	26.0#	





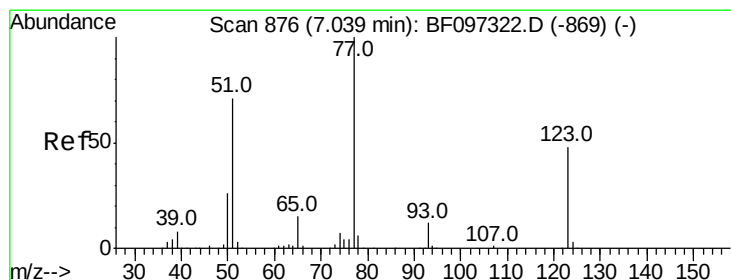
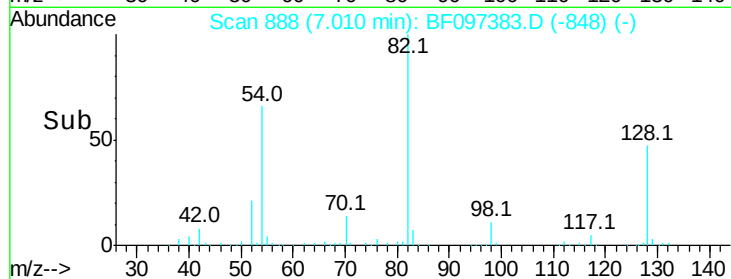
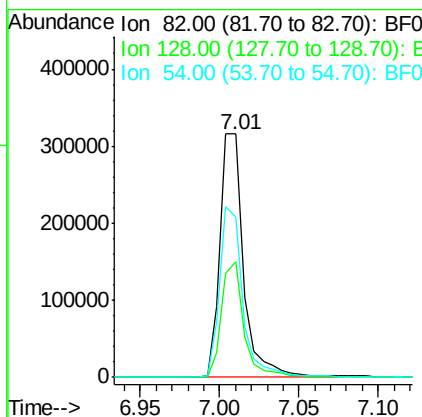
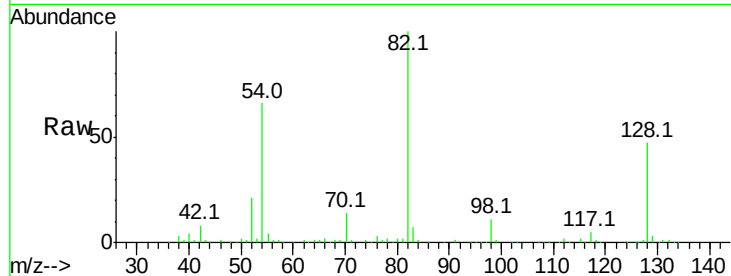
#23
Nitrobenzene-d5
Concen: 3600.354 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.06 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Instrument :
BNA_F
ClientSampleId :
E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	66.0	42.2	63.2

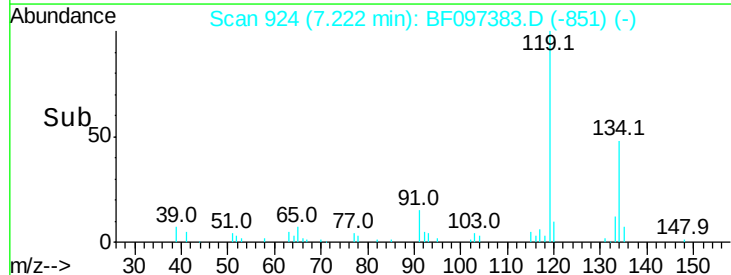
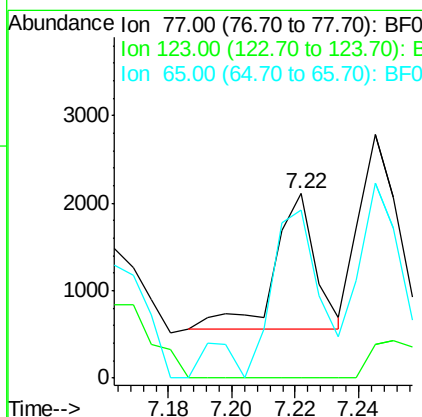
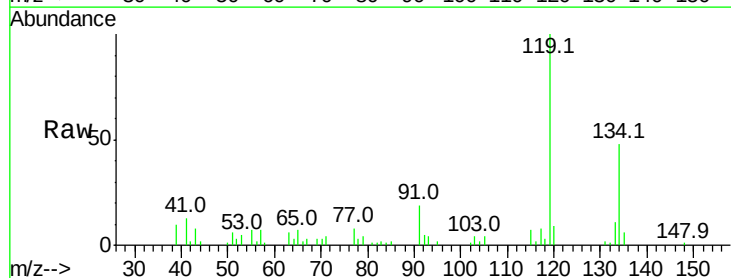
Manual Integrations
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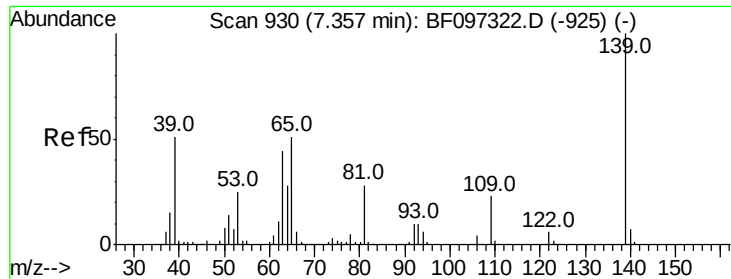
Sohil
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#24
Nitrobenzene
Concen: 14.739 ng
RT: 7.22 min Scan# 924
Delta R.T. 0.13 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8
65	91.3	10.6	15.8





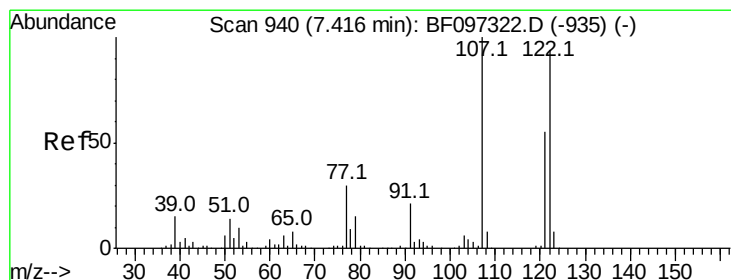
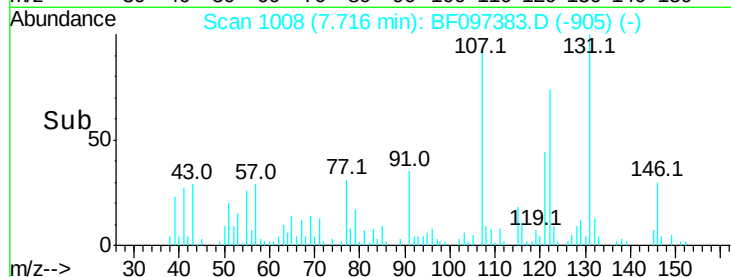
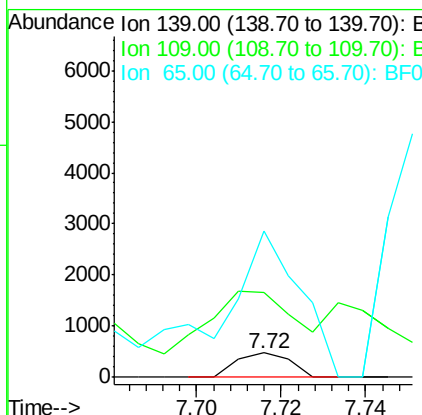
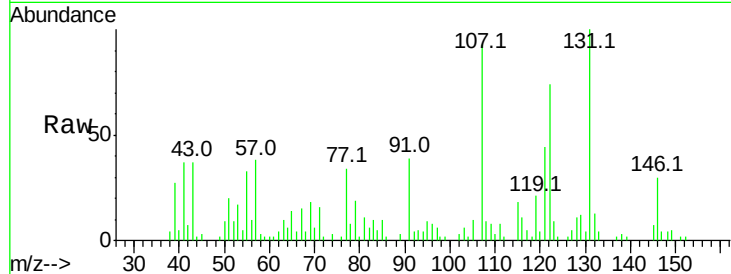
#26
2-Nitrophenol
Concen: 8.333 ng
RT: 7.72 min Scan# 1008
Delta R.T. 0.31 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Instrument :
BNA_F
ClientSampleId :
E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
139	100		
109	344.1	21.0	31.6#
65	596.9	33.0	49.6#

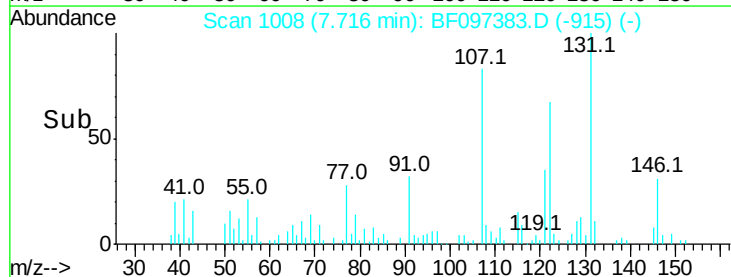
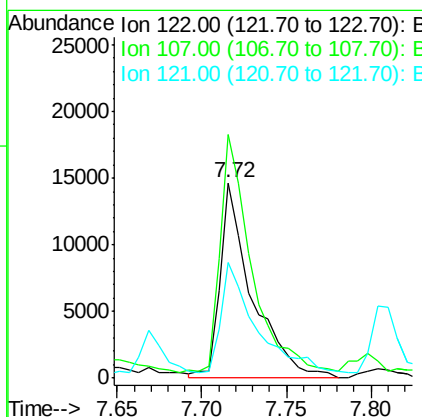
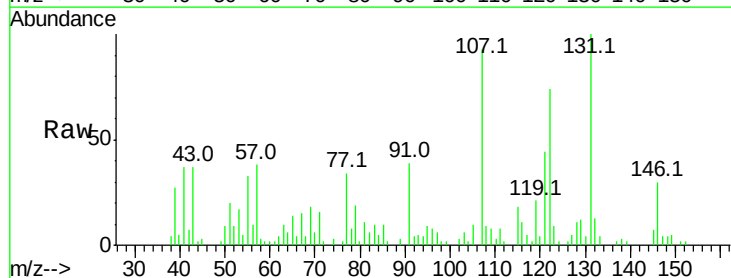
Manual Integrations
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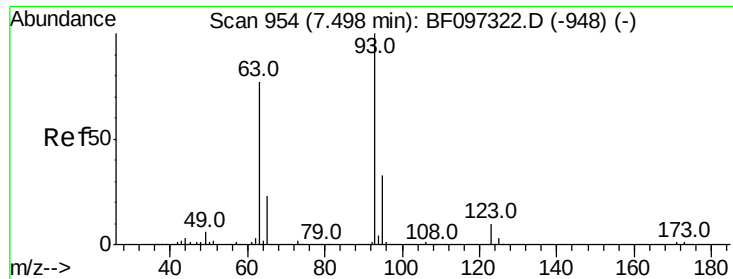
Sohil
8/7/2017 6:10:15 PM



#27
2,4-Dimethylphenol
Concen: 230.254 ng
RT: 7.72 min Scan# 1008
Delta R.T. 0.25 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.5	89.2	133.8
121	59.1	45.2	67.8





#28

bis(2-Chloroethoxy)methane

Concen: 3.089 ng

RT: 7.65 min Scan# 997

Delta R.T. 0.10 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Instrument :

BNA_F

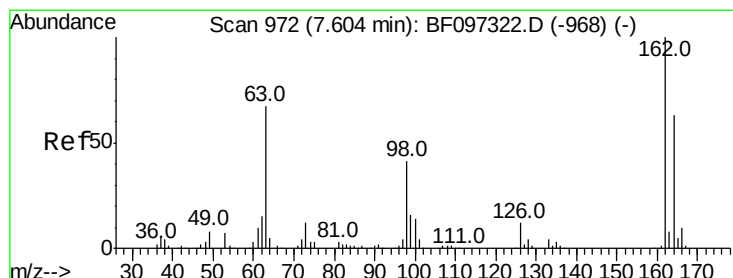
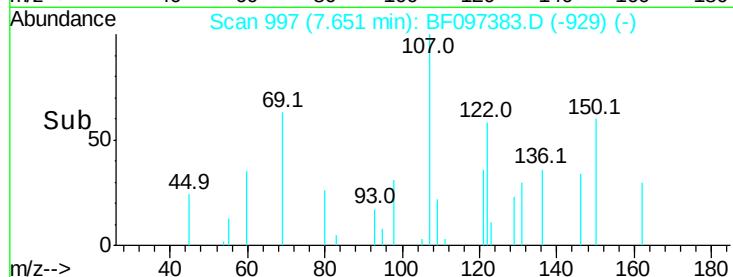
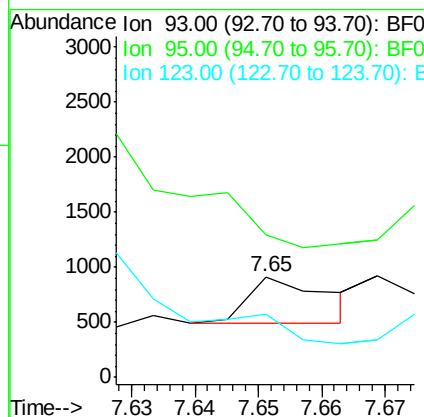
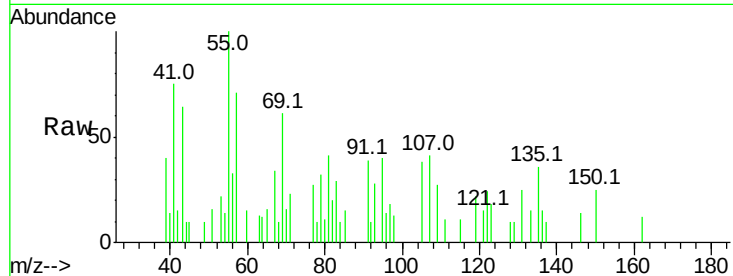
ClientSampleId :

E2-O10-BASE

Tot Ion:	93	Resp:	359
Ion	Ratio	Lower	Upper
93	100		
95	141.8	26.5	39.7#
123	62.6	9.0	13.4#

Manual Integrations
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#29

2,4-Dichlorophenol

Concen: 12.071 ng

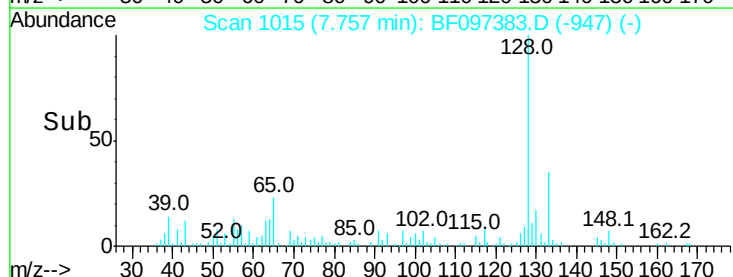
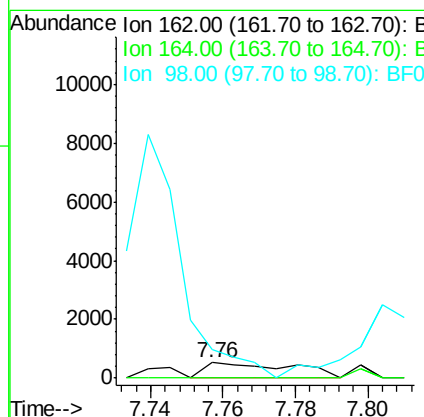
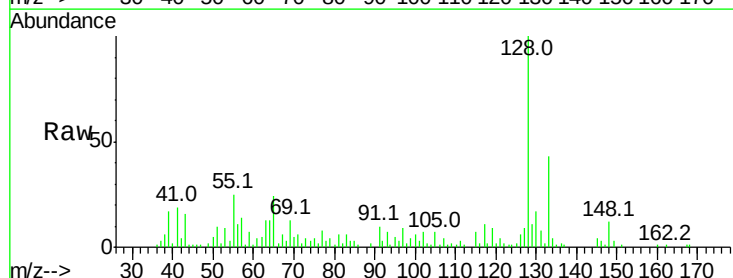
RT: 7.76 min Scan# 1015

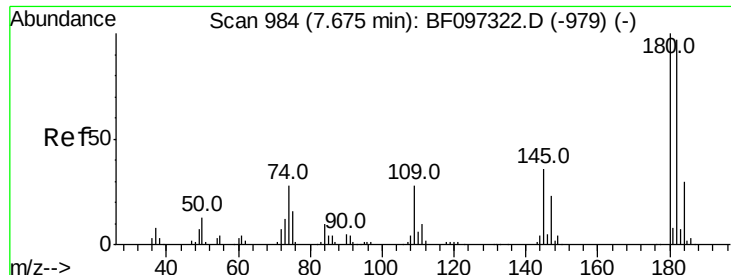
Delta R.T. 0.10 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Tgt Ion:	162	Resp:	879
Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.6	84.6#
98	184.3	14.8	54.8#





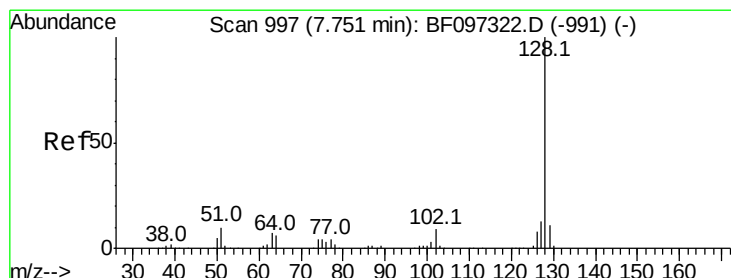
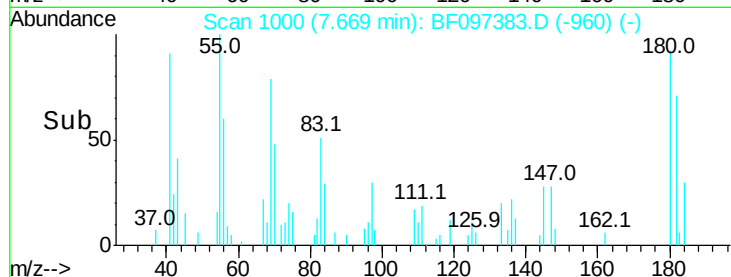
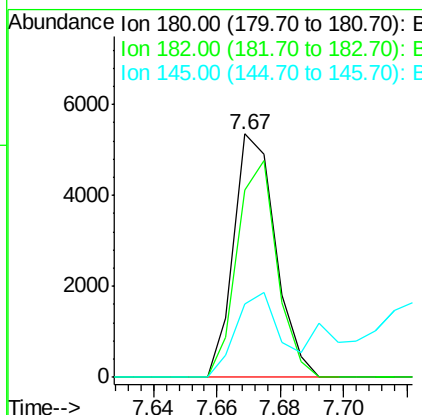
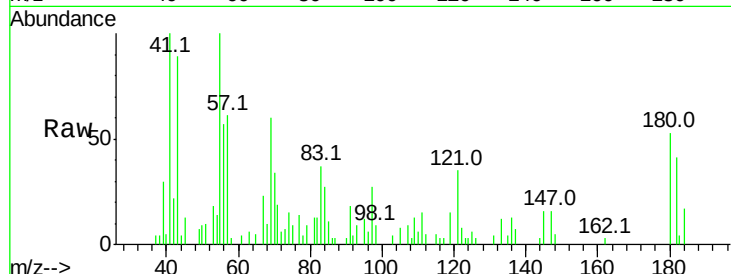
#30
 1,2,4-Trichlorobenzene
 Concen: 70.279 ng
 RT: 7.67 min Scan# 1000
 Delta R.T. -0.06 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
180	100		
182	77.1	75.8	113.6
145	30.2	25.3	37.9

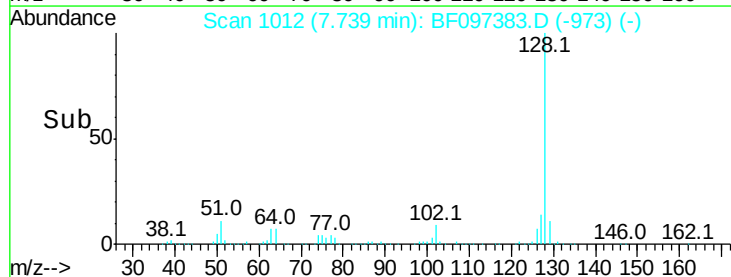
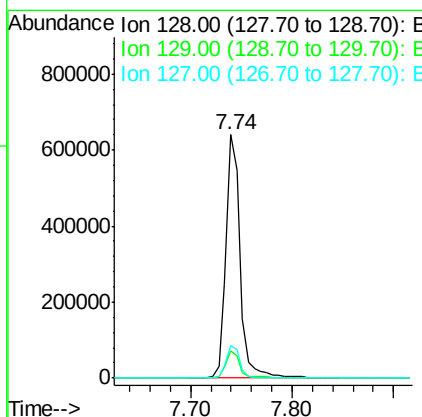
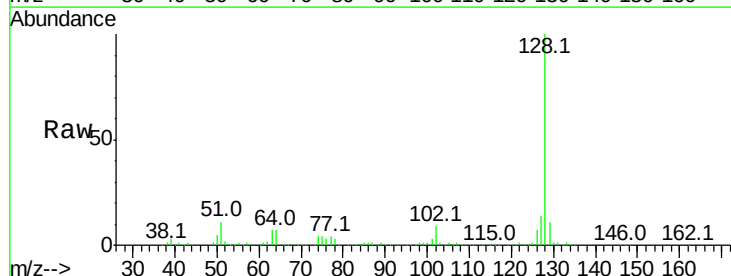
Manual Integrations
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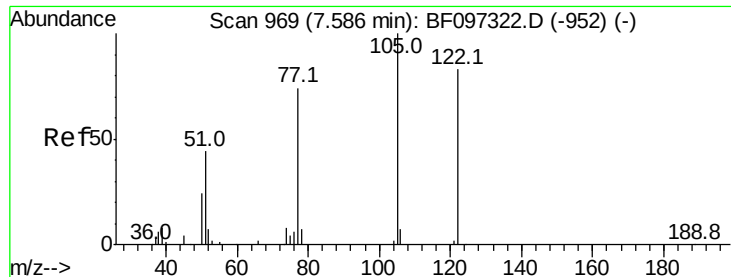
Sohil
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#31
 Naphthalene
 Concen: 2454.166 ng
 RT: 7.74 min Scan# 1012
 Delta R.T. -0.07 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.6	10.8	16.2





#32

Benzoic acid

Concen: 308.356 ng

RT: 7.72 min Scan# 1008

Delta R.T. 0.08 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Instrument :

BNA_F

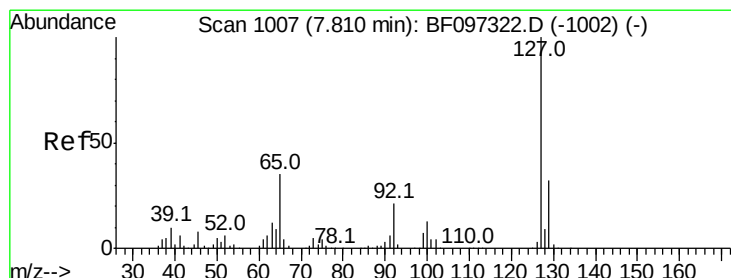
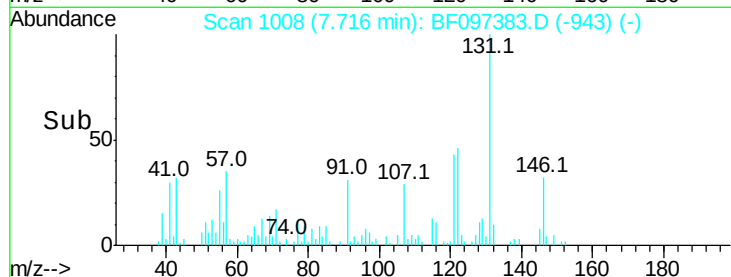
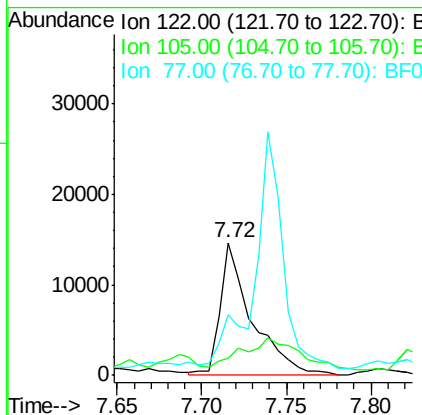
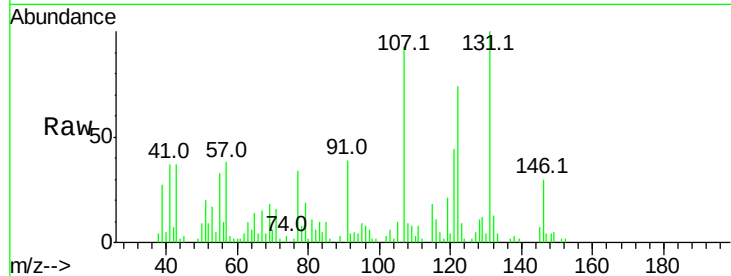
ClientSampleId :

E2-O10-BASE

Tot Ion:	122	Resp:	19463
Ion Ratio	Lower	Upper	
122	100		
105	13.3	103.3	143.3#
77	45.8	73.7	113.7#

Manual Integrations
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#33

4-Chloroaniline

Concen: 803.655 ng

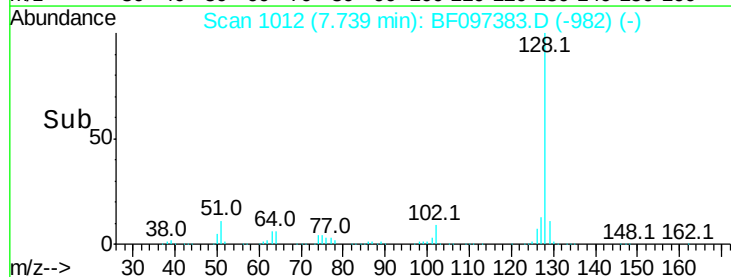
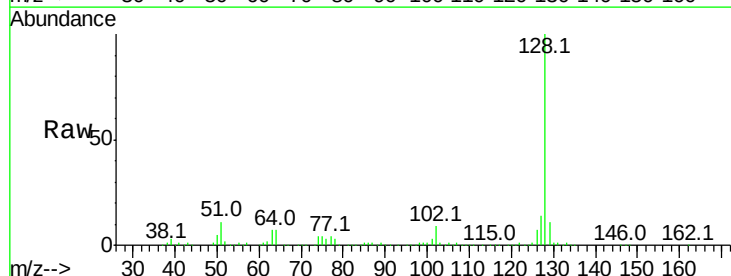
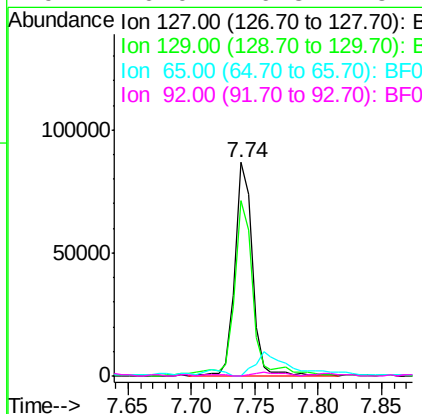
RT: 7.74 min Scan# 1012

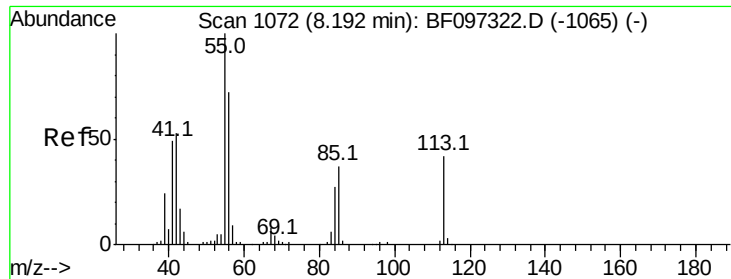
Delta R.T. -0.12 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Tgt Ion:	127	Resp:	82237
Ion Ratio	Lower	Upper	
127	100		
129	82.4	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#





#35

Caprolactam

Concen: 37.602 ng

RT: 8.38 min Scan# 1121

Delta R.T. 0.13 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Instrument :

BNA_F

ClientSampled :

E2-O10-BASE

Tot Ion:113 Resp: 878

Ion Ratio Lower Upper

113 100

55 1861.4 150.2 190.2

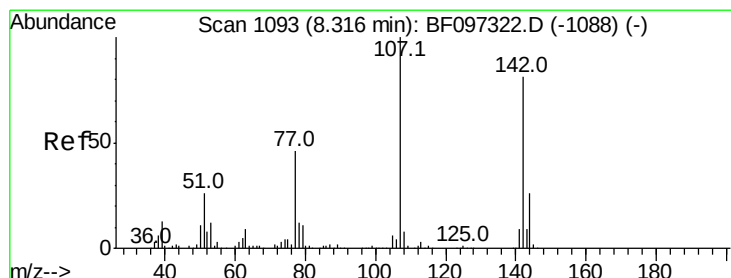
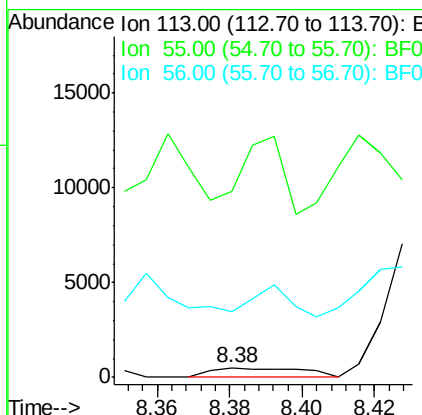
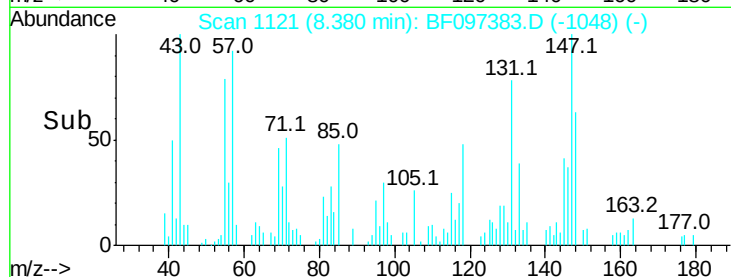
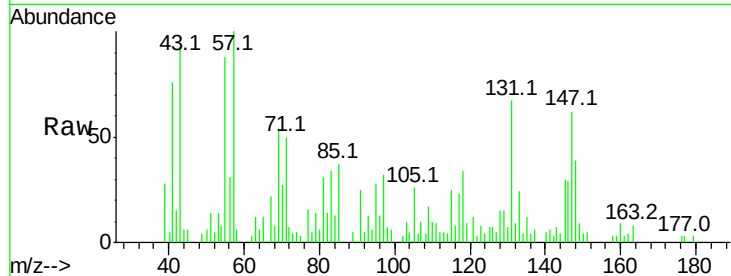
56 658.8 107.8 147.8#

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 13.242 ng

RT: 8.52 min Scan# 1145

Delta R.T. 0.15 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

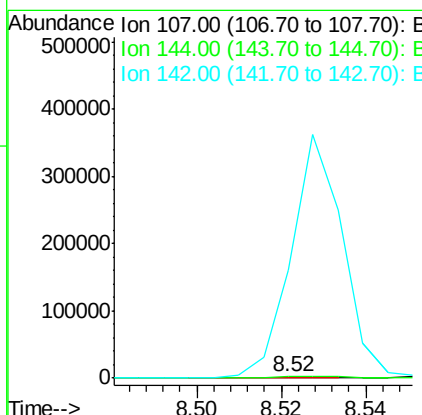
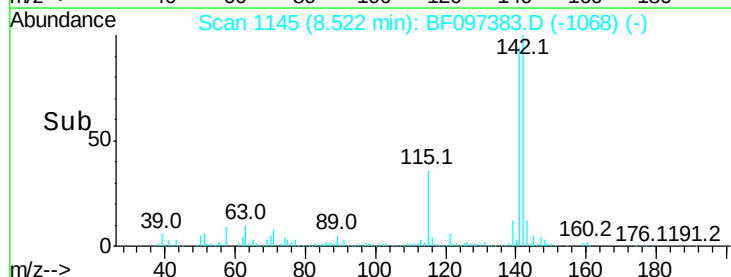
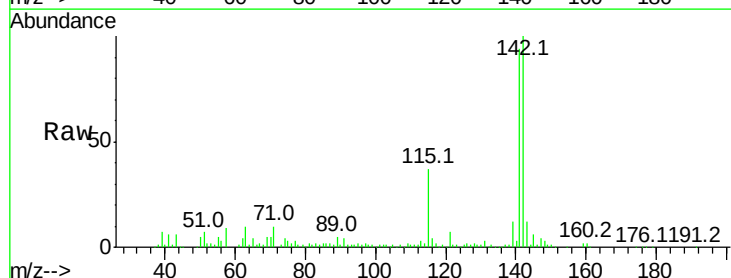
Tgt Ion:107 Resp: 1052

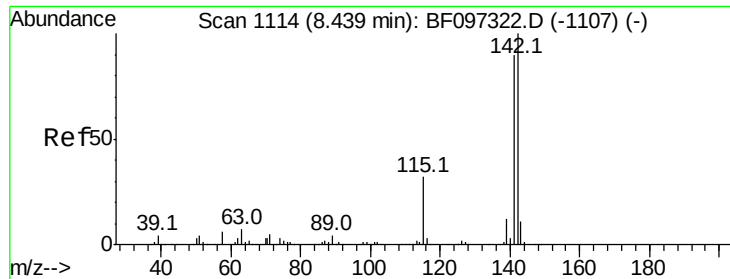
Ion Ratio Lower Upper

107 100

144 130.1 24.2 36.4#

142 10841.3 73.4 110.0#





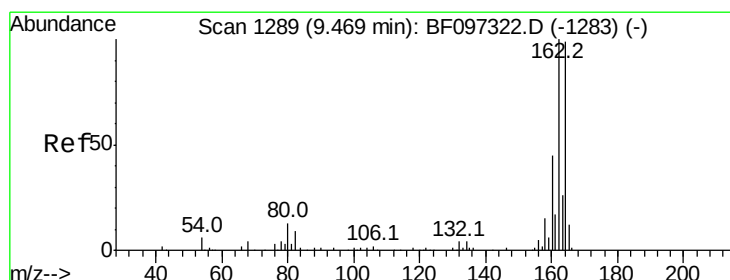
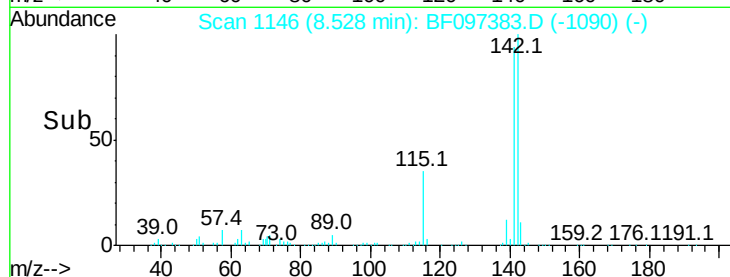
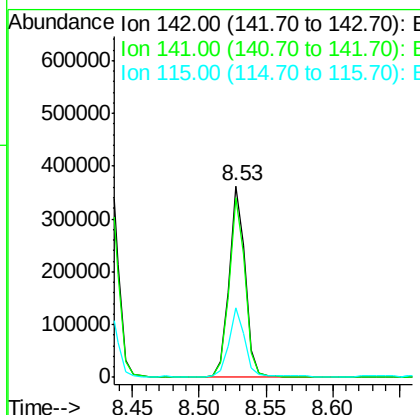
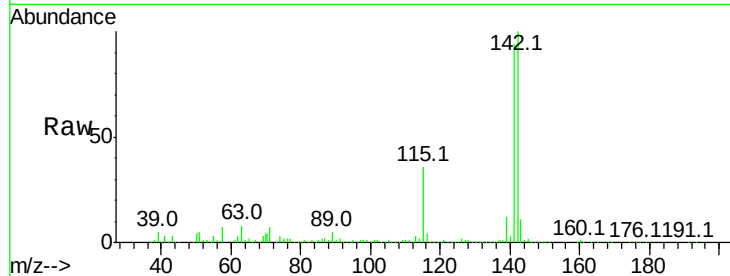
#37
2-Methylnaphthalene
Concen: 1947.658 ng
RT: 8.53 min Scan# 1146
Delta R.T. 0.03 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Instrument :
BNA_F
ClientSampleId :
E2-O10-BASE

Tot Ion	Ratio	Resp	Lower	Upper
142	100	310123		
141	94.0	71.3	106.9	
115	36.0	27.1	40.7	

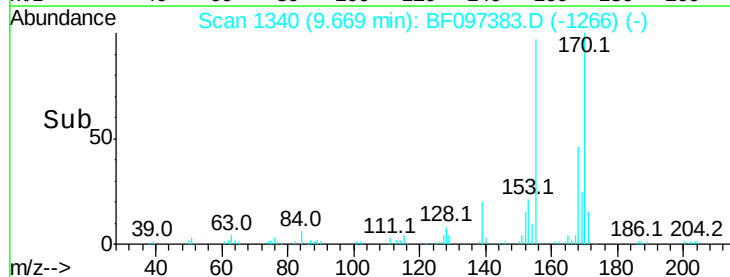
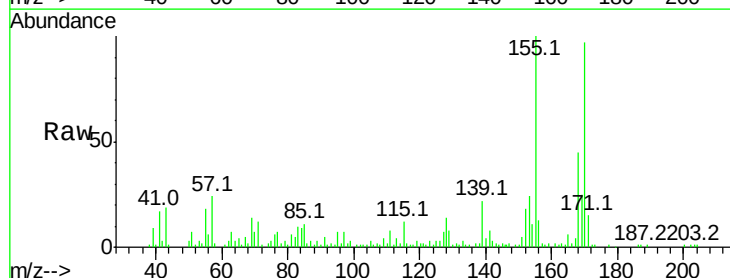
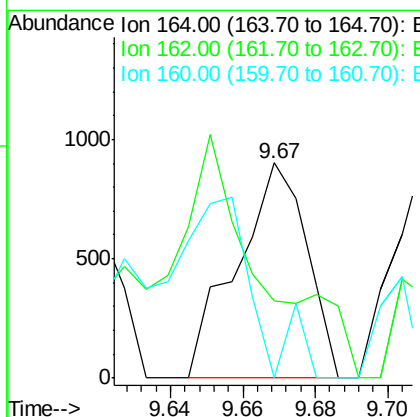
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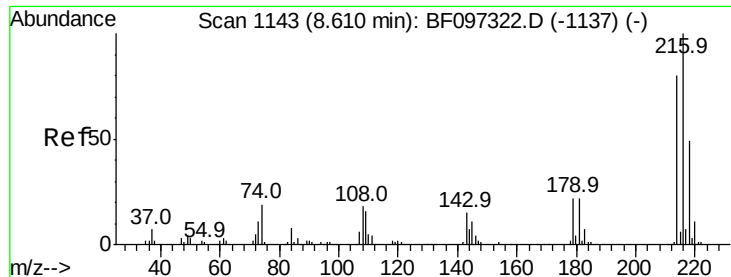
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1340
Delta R.T. 0.14 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	1208		
162	36.1	82.6	123.8#	
160	0.0	36.2	54.2#	





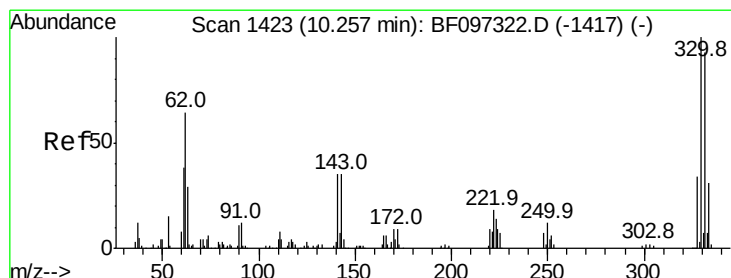
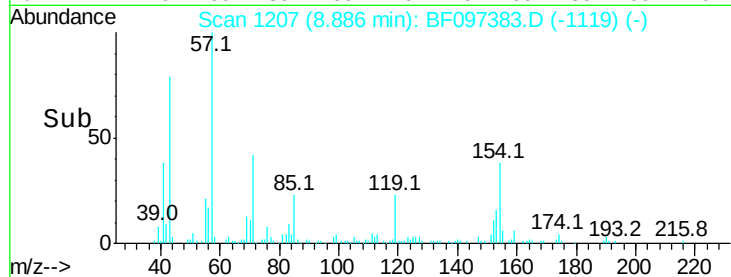
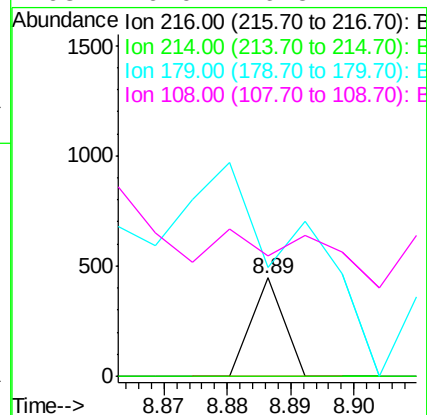
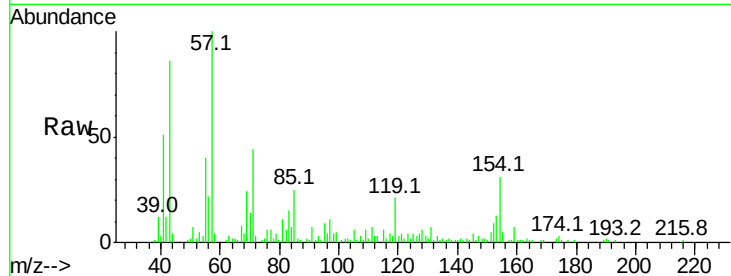
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.871 ng
 RT: 8.89 min Scan# 1207
 Delta R.T. 0.22 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
216	100		
214	0.0	63.4	95.2#
179	1296.8	17.9	26.9#
108	0.0	16.5	24.7#

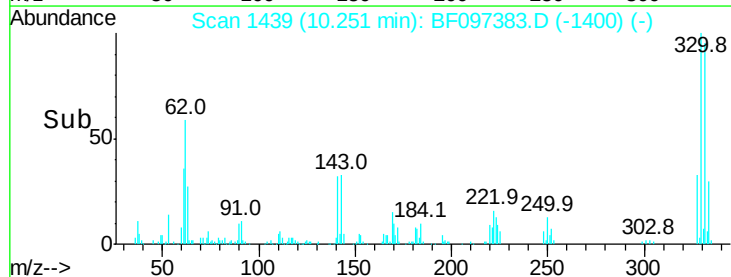
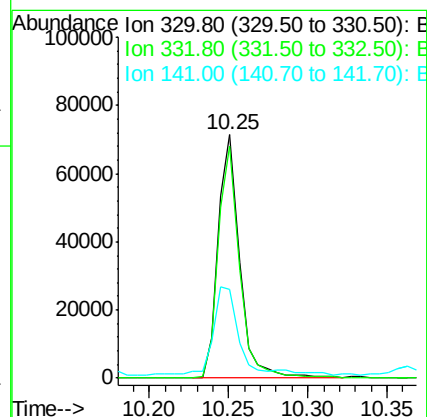
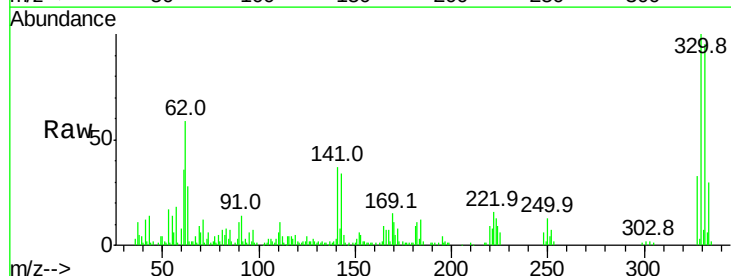
Manual Integrations
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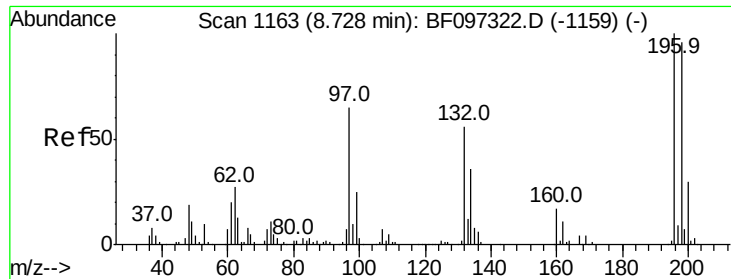
Sohil
 8/7/2017 6:10:15 PM



#41
 2,4,6-Tribromophenol
 Concen: 7065.948 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.07 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	46.0	31.4	47.2





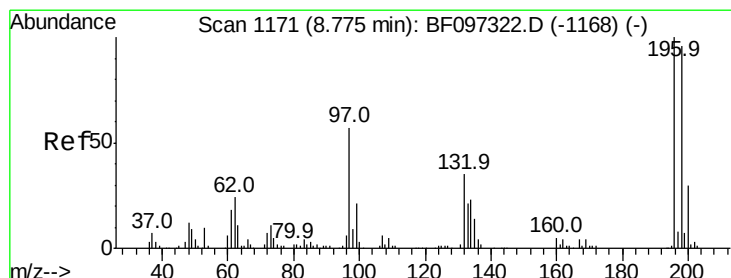
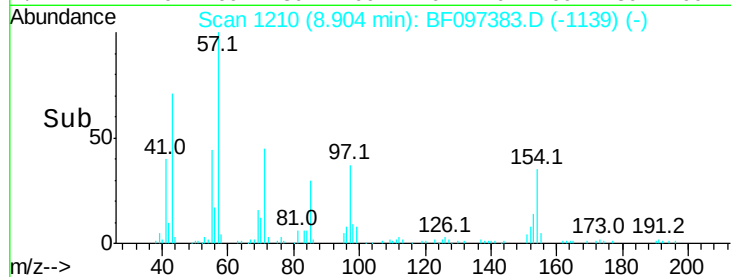
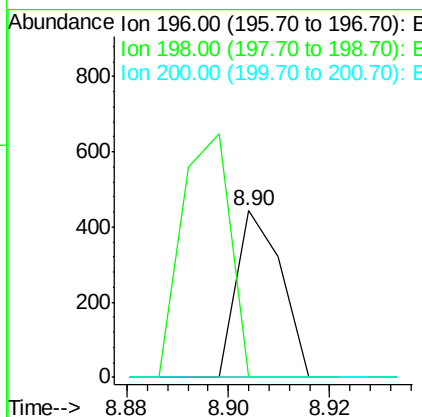
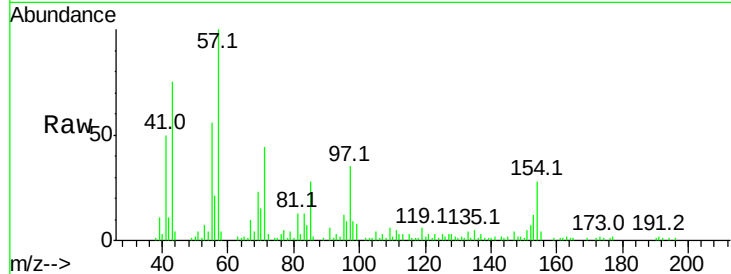
#42
 2,4,6-Trichlorophenol
 Concen: 11.559 ng
 RT: 8.90 min Scan# 1210
 Delta R.T. 0.12 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-BASE

Tot Ion	Ratio	Resp	Lower	Upper
196	100	270		
198	0.0	74.2	111.4#	
200	0.0	24.0	36.0#	

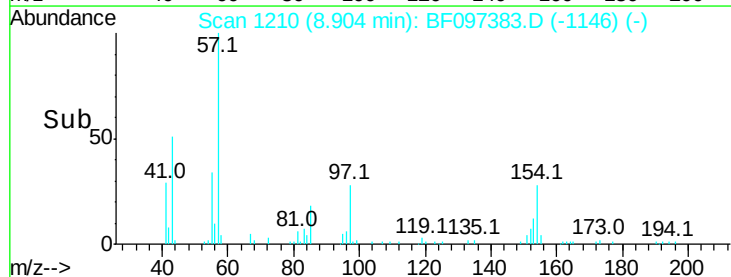
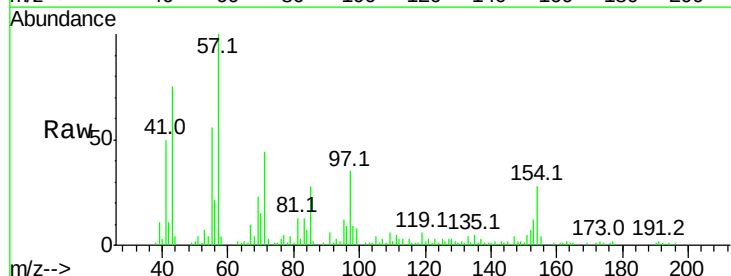
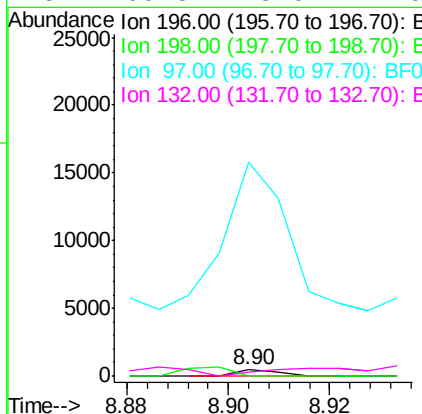
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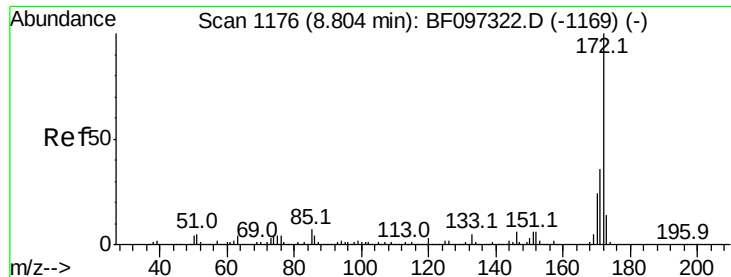
Sohil
 8/7/2017 6:10:15 PM



#43
 2,4,5-Trichlorophenol
 Concen: 11.549 ng
 RT: 8.90 min Scan# 1210
 Delta R.T. 0.08 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270		
198	0.0	75.7	113.5#	
97	3553.2	47.7	71.5#	
132	69.8	28.0	42.0#	





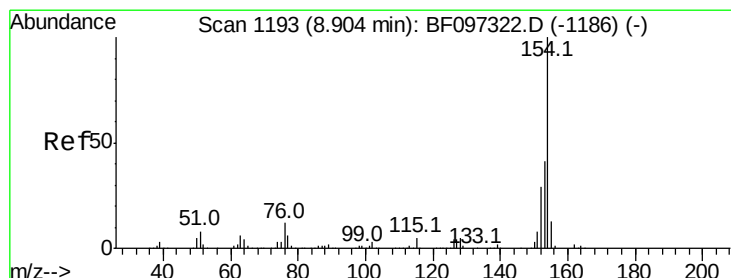
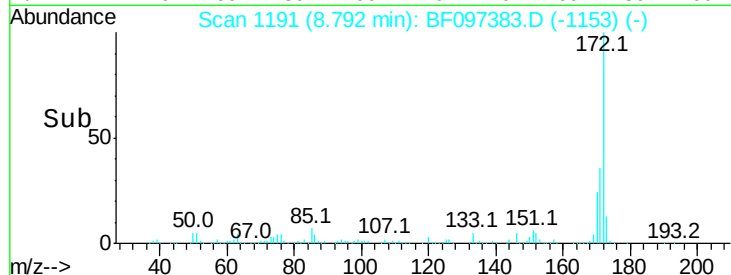
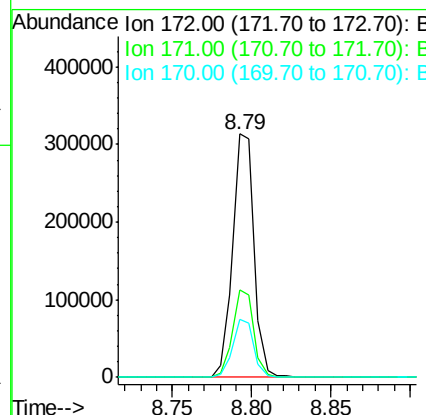
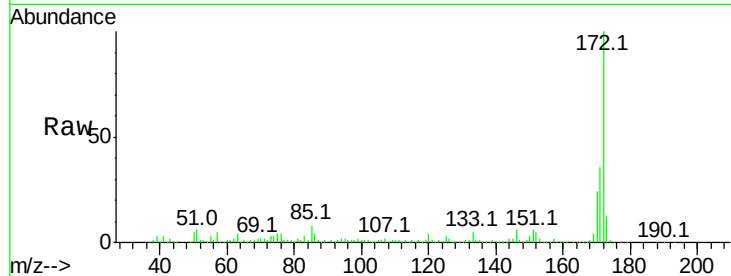
#44
2-Fluorobiphenyl
Concen: 4132.964 ng
RT: 8.79 min Scan# 1191
Delta R.T. -0.08 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Instrument :
BNA_F
ClientSampleId :
E2-O10-BASE

Tot Ion	Ratio	Resp	Lower	Upper
172	100	294186		
171	36.0		29.6	44.4
170	23.8		19.8	29.8

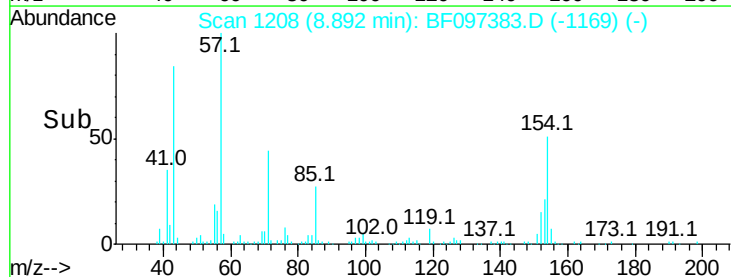
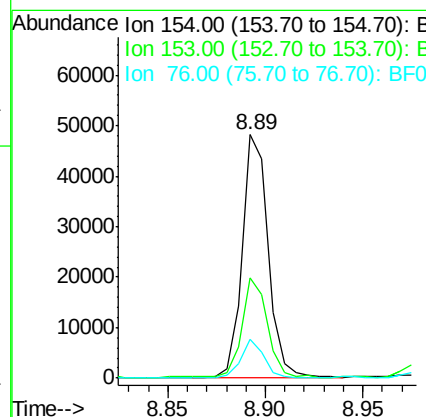
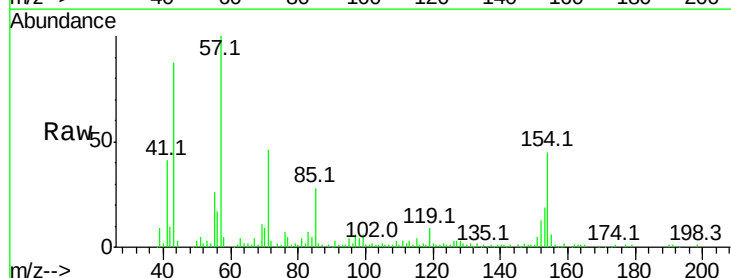
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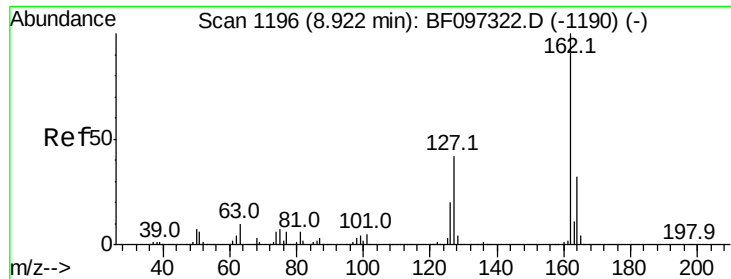
Sohil
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#45
1,1'-Biphenyl
Concen: 433.156 ng
RT: 8.89 min Scan# 1208
Delta R.T. -0.07 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	44693		
153	41.3		21.2	61.2
76	15.9		0.0	29.9





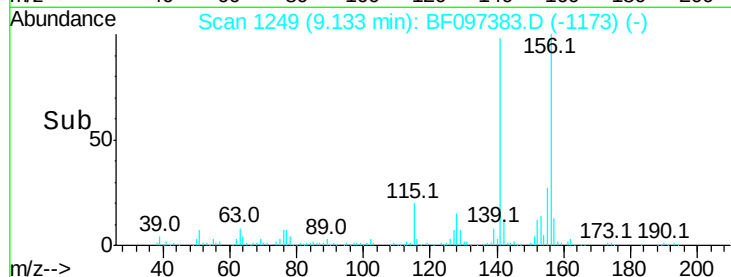
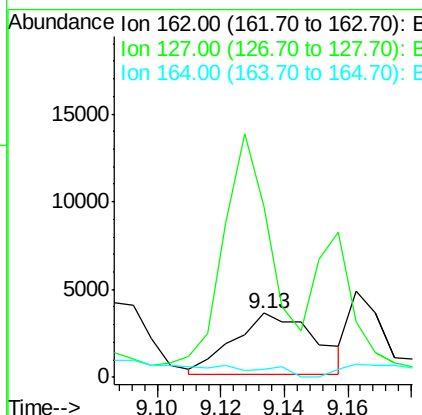
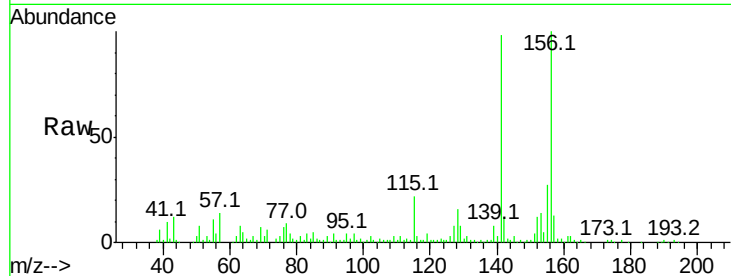
#46
2-Chloronaphthalene
Concen: 81.708 ng
RT: 9.13 min Scan# 1249
Delta R.T. 0.15 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Instrument :
BNA_F
ClientSampleId :
E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
162	100		
127	265.4	28.3	42.5#
164	13.0	27.0	40.4#

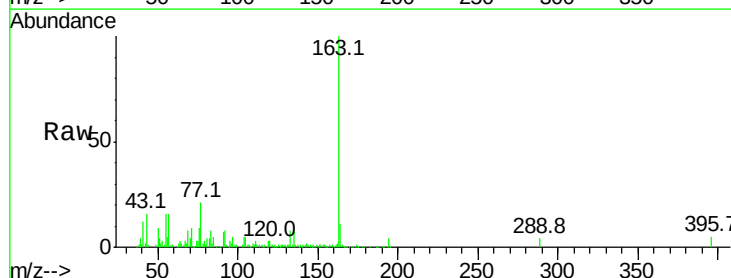
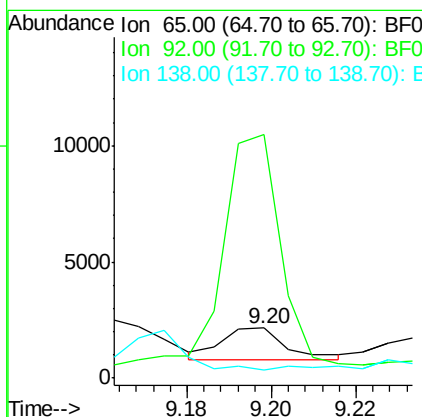
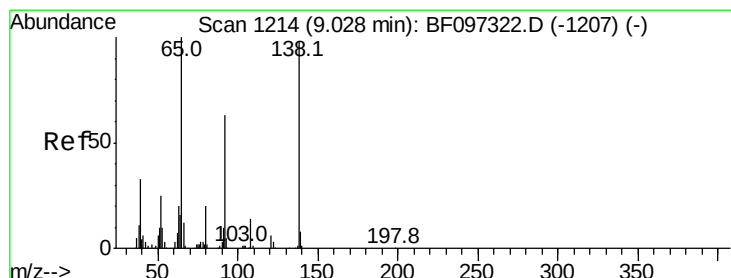
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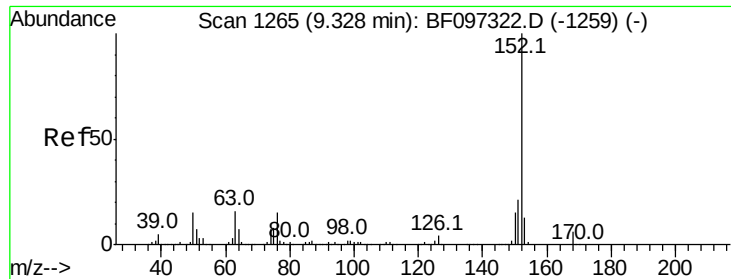
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#47
2-Nitroaniline
Concen: 53.020 ng
RT: 9.20 min Scan# 1260
Delta R.T. 0.11 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	487.1	53.9	80.9#
138	17.4	78.8	118.2#





#48

Acenaphthylene

Concen: 216.338 ng

RT: 9.49 min Scan# 1310

Delta R.T. 0.10 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Instrument :

BNA_F

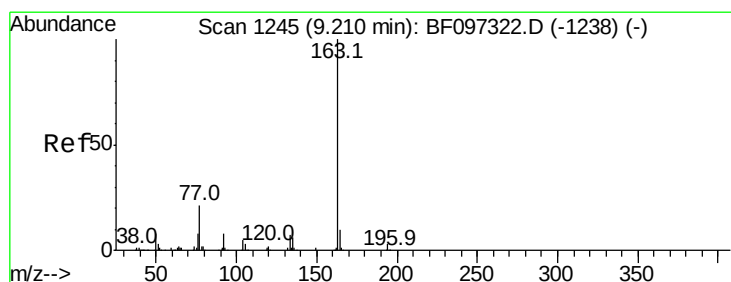
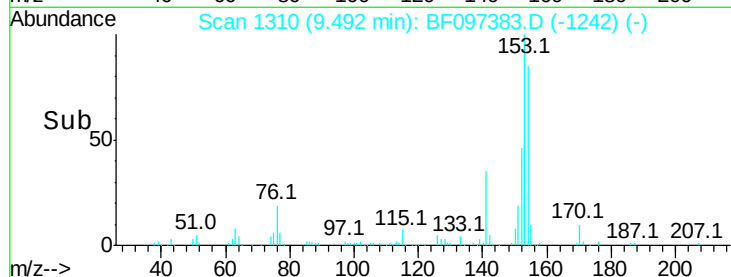
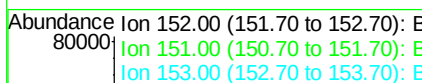
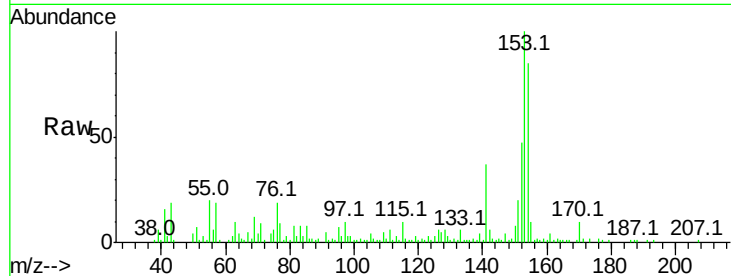
ClientSampled :

E2-O10-BASE

Tot Ion:	152	Resp:	25213
Ion Ratio	Lower	Upper	
152	100		
151	42.3	16.8	25.2#
153	215.0	10.8	16.2#

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#49

Dimethylphthalate

Concen: 1190.765 ng

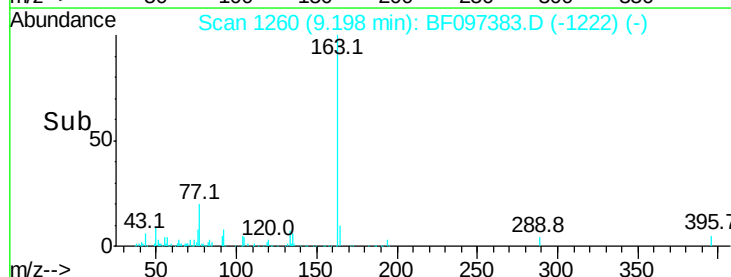
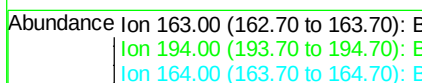
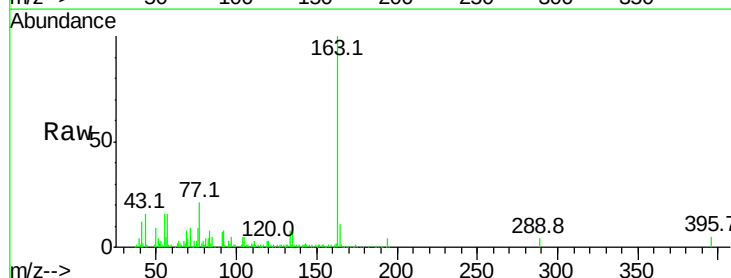
RT: 9.20 min Scan# 1260

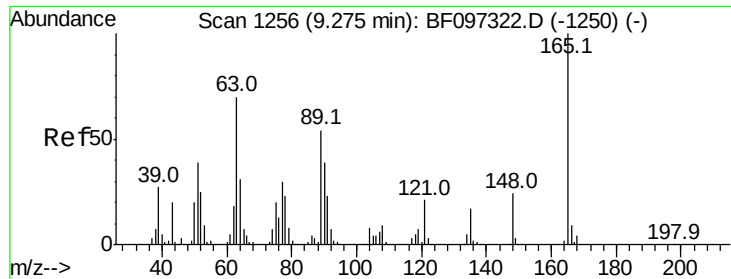
Delta R.T. -0.08 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Tgt Ion:	163	Resp:	109233
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.6	4.0
164	10.6	8.4	12.6





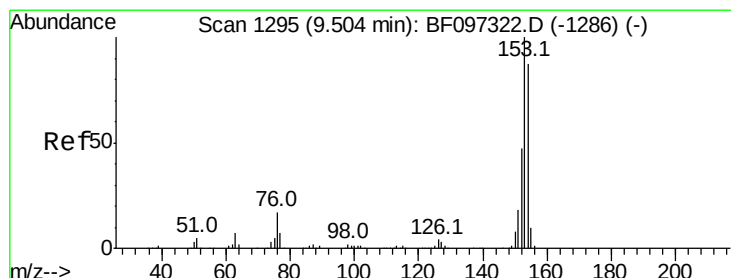
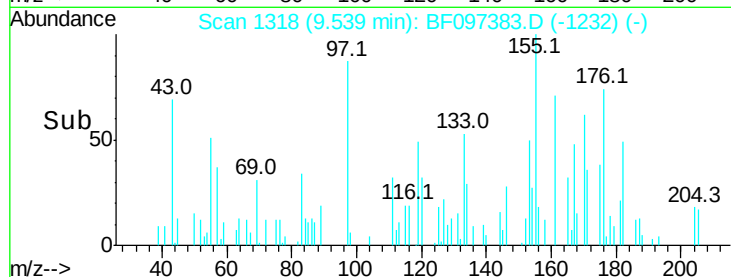
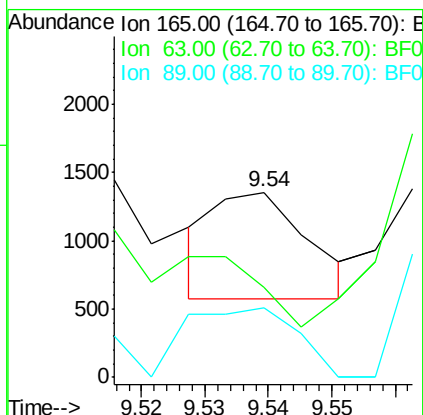
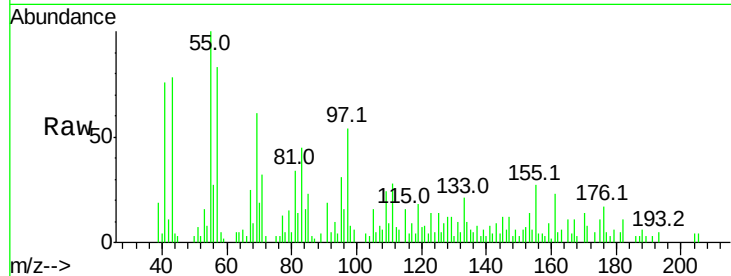
#50
2,6-Dinitrotoluene
Concen: 40.810 ng
RT: 9.54 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Instrument :
BNA_F
ClientSampled :
E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.6	34.3	51.5
89	37.8	37.1	55.7

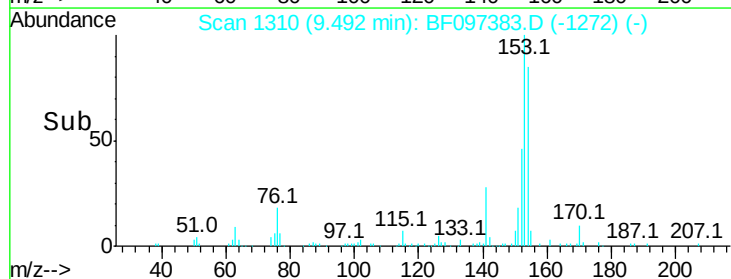
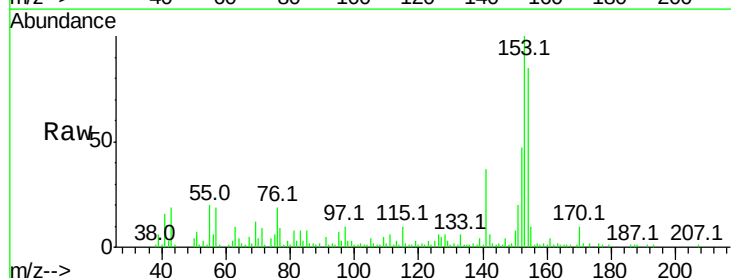
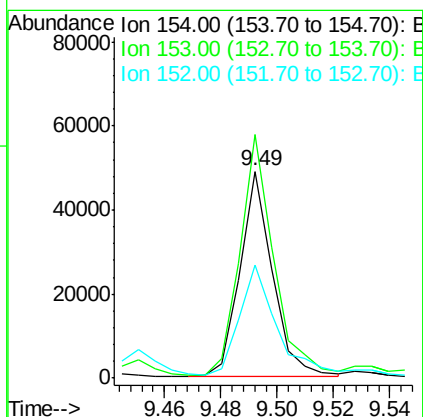
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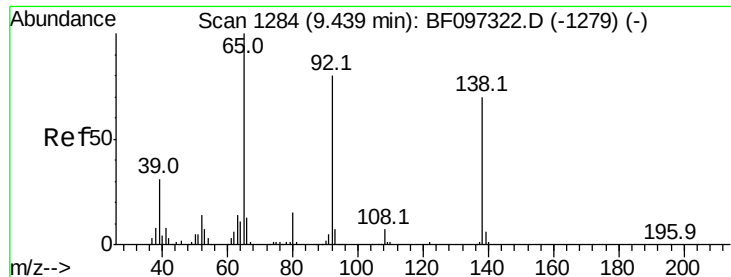
Sohil
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#51
Acenaphthene
Concen: 568.370 ng
RT: 9.49 min Scan# 1310
Delta R.T. -0.08 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.5	90.5	135.7
152	54.7	43.6	65.4





#52

3-Nitroaniline

Concen: 74.245 ng

RT: 9.67 min Scan# 1340

Delta R.T. 0.17 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Instrument :

BNA_F

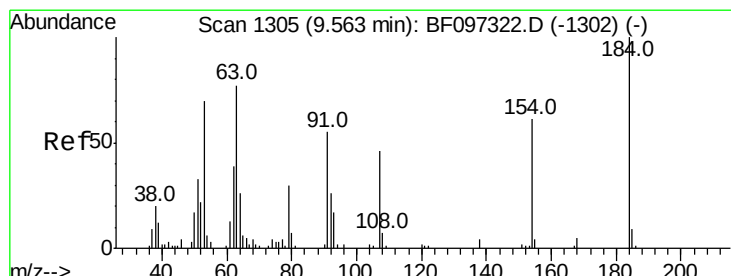
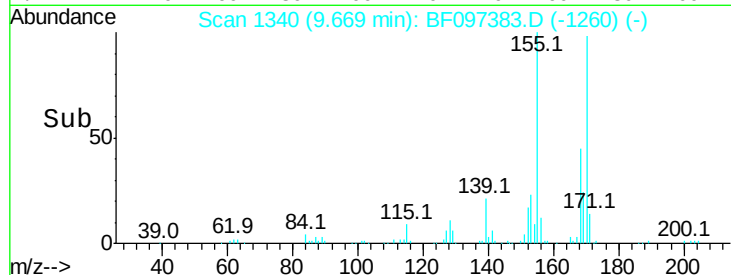
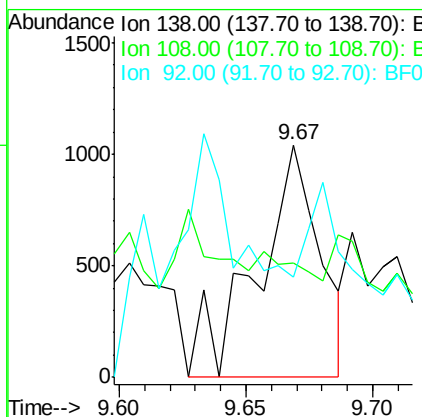
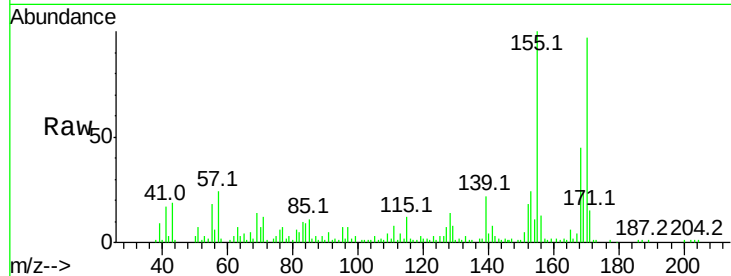
ClientSampleId :

E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
138	100		
108	49.3	9.1	13.7#
92	43.3	93.8	140.6#

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#53

2,4-Dinitrophenol

Concen: 66.469 ng

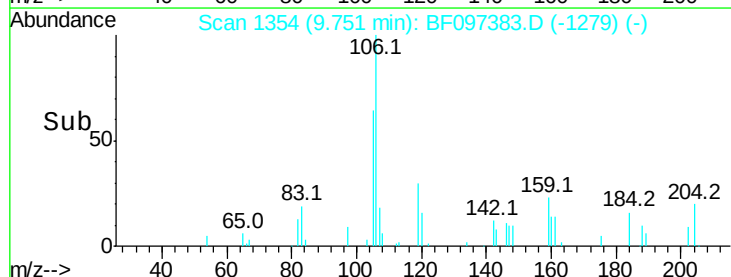
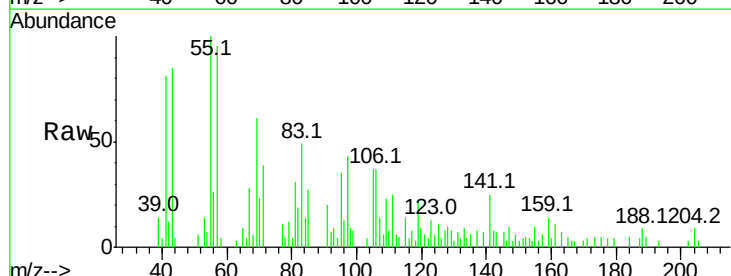
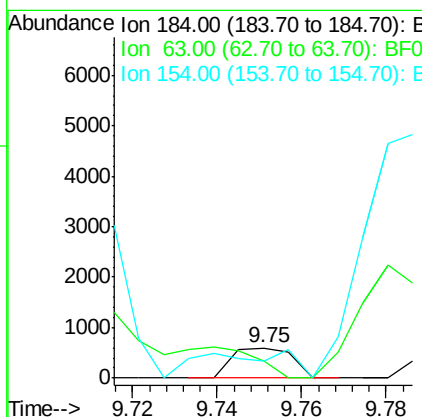
RT: 9.75 min Scan# 1354

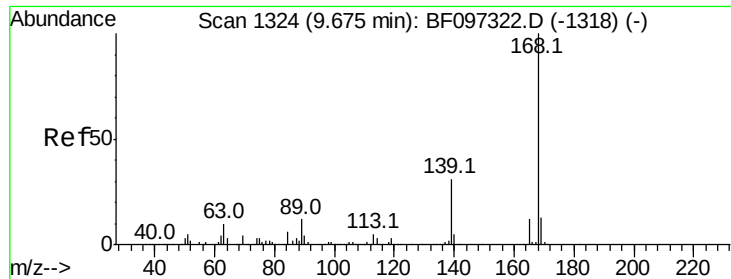
Delta R.T. 0.14 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.8	62.7	94.1#
154	59.0	81.1	121.7#





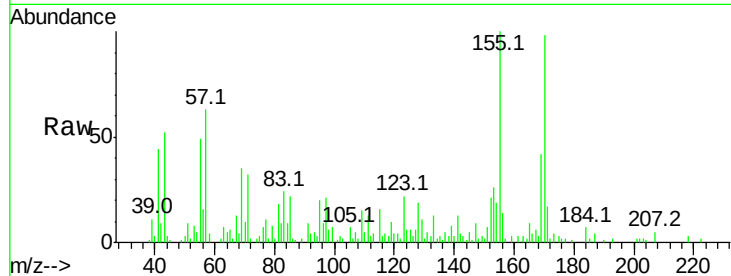
#54
Dibenzofuran
Concen: 15.704 ng
RT: 9.87 min Scan# 1374
Delta R.T. 0.13 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Instrument :
BNA_F
ClientSampled :
E2-O10-BASE

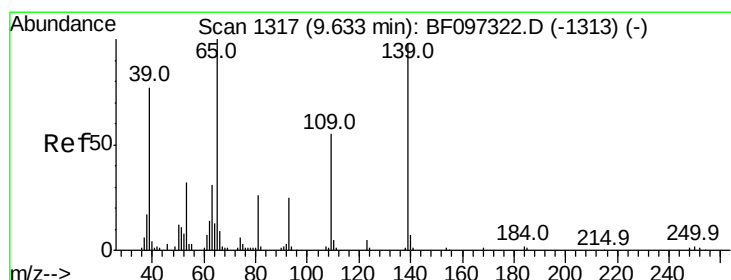
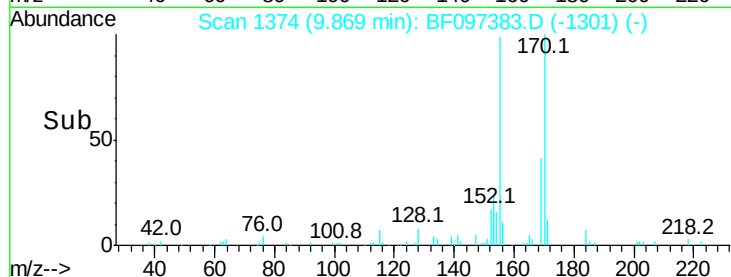
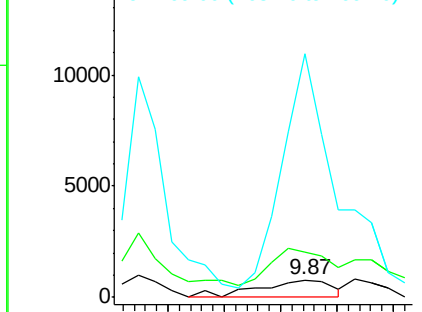
Tot Ion:168 Resp: 1436
Ion Ratio Lower Upper
168 100
139 259.5 30.6 45.8#
169 1380.3 10.8 16.2

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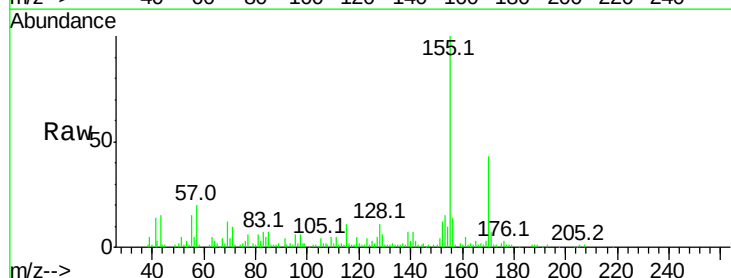


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

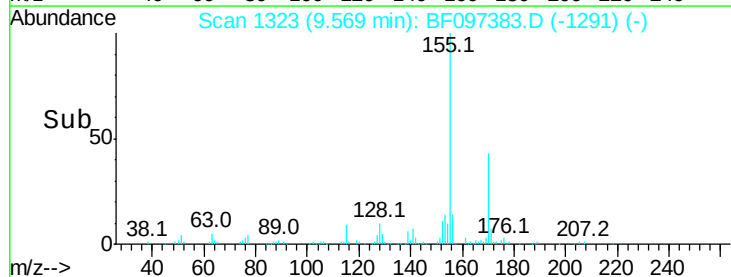
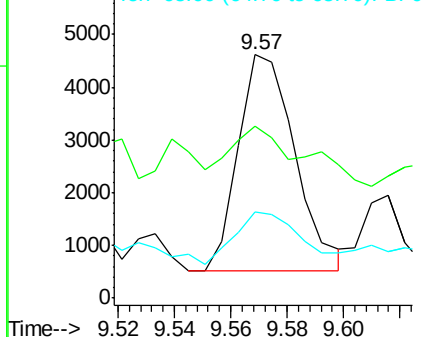


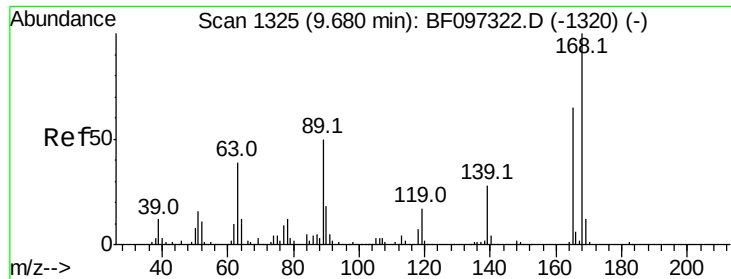
#55
4-Nitrophenol
Concen: 396.199 ng
RT: 9.57 min Scan# 1323
Delta R.T. -0.11 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tgt Ion:139 Resp: 5690
Ion Ratio Lower Upper
139 100
109 70.8 34.1 74.1
65 35.2 31.4 71.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 384.148 ng

RT: 9.89 min Scan# 1378

Delta R.T. 0.16 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Instrument :

BNA_F

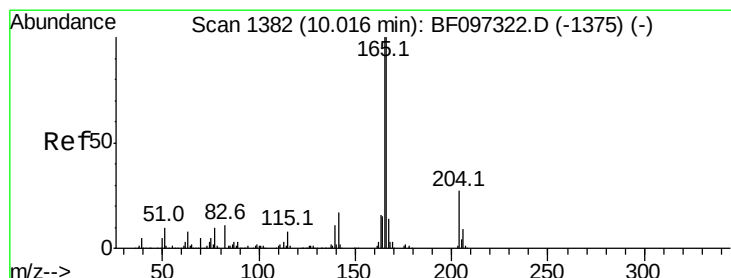
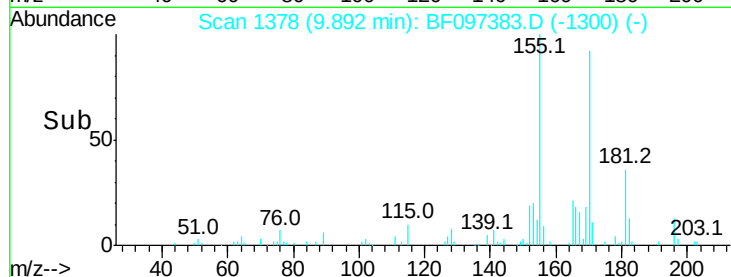
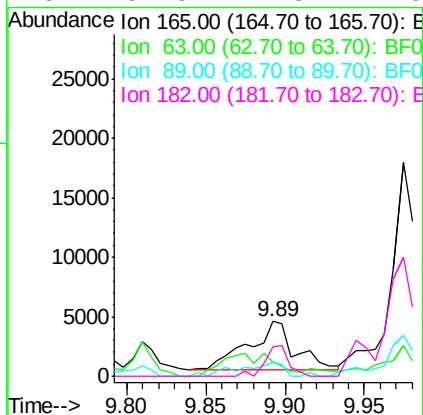
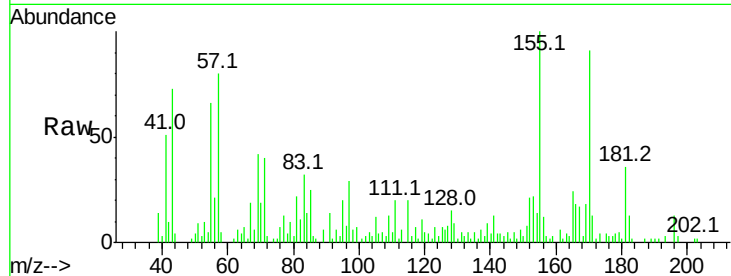
ClientSampleId :

E2-O10-BASE

Tot Ion	Ratio	Resp	Lower	Upper
165	100	8592		
63	25.0		25.4	38.0#
89	26.1		46.4	69.6#
182	52.9		1.8	2.6#

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#57

Fluorene

Concen: 75.053 ng

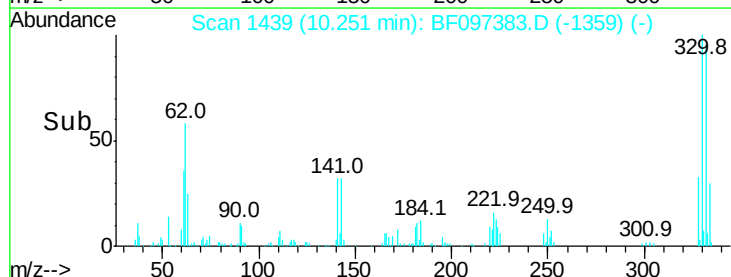
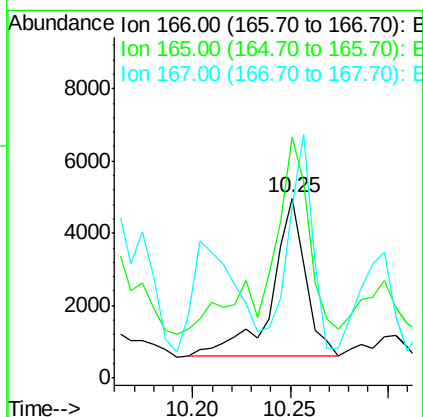
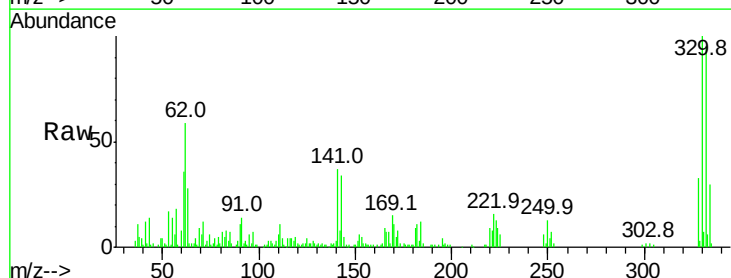
RT: 10.25 min Scan# 1439

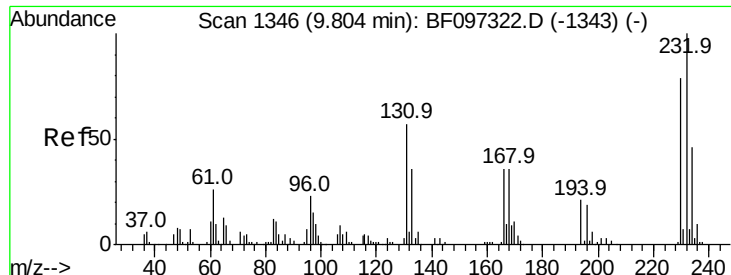
Delta R.T. 0.17 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	5158		
165	133.5		78.8	118.2#
167	95.2		10.6	16.0#





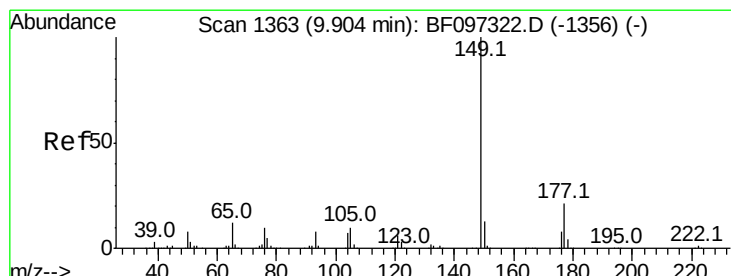
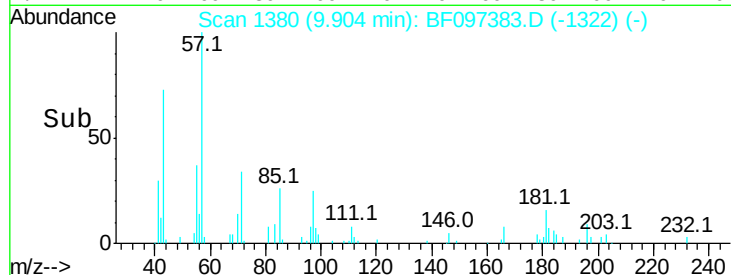
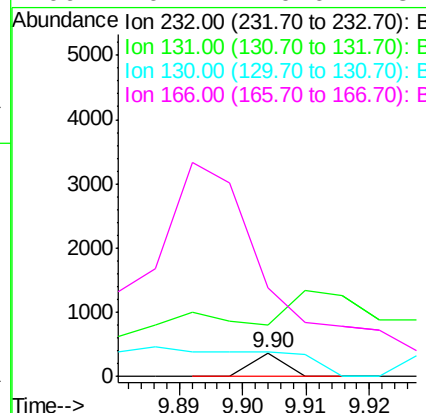
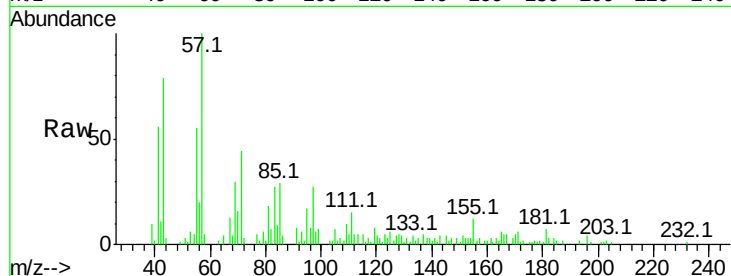
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.929 ng
 RT: 9.90 min Scan# 1380
 Delta R.T. 0.04 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
232	100		
131	826.6	44.8	67.2#
130	0.0	2.3	3.5#
166	4761.7	29.0	43.4#

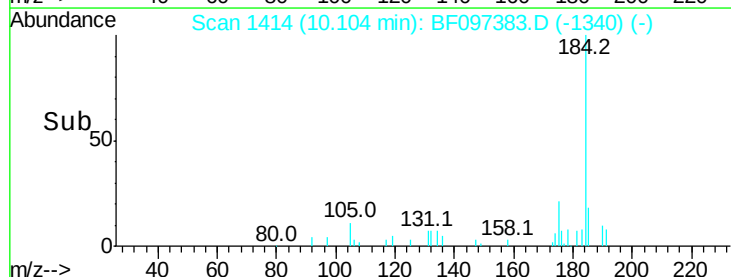
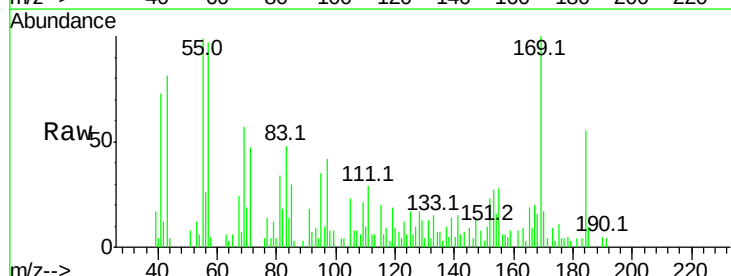
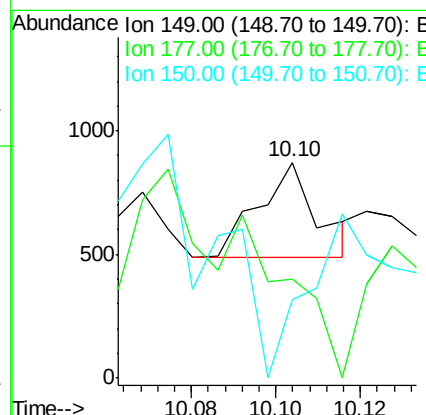
Manual Integrations
 APPROVED

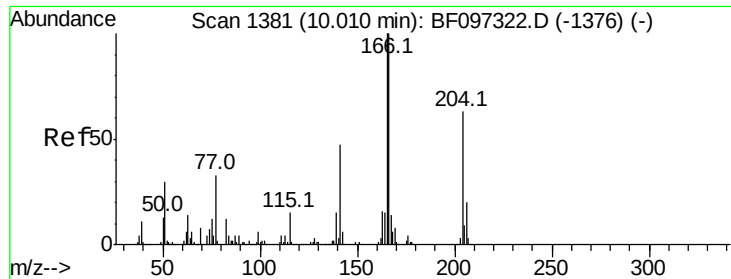
Sohil
 8/7/2017 6:10:15 PM



#59
 Diethylphthalate
 Concen: 4.361 ng
 RT: 10.10 min Scan# 1414
 Delta R.T. 0.14 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	45.6	16.7	25.1#
150	36.6	10.2	15.2#





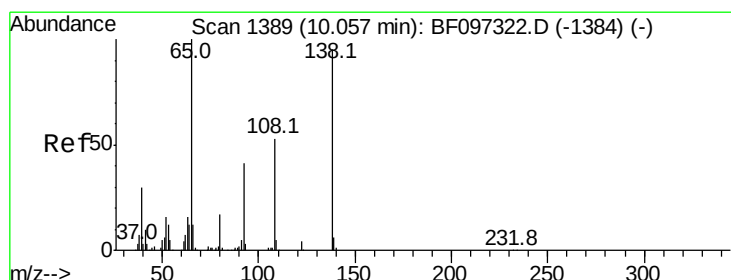
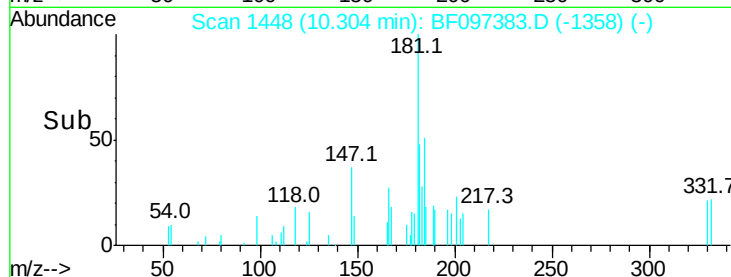
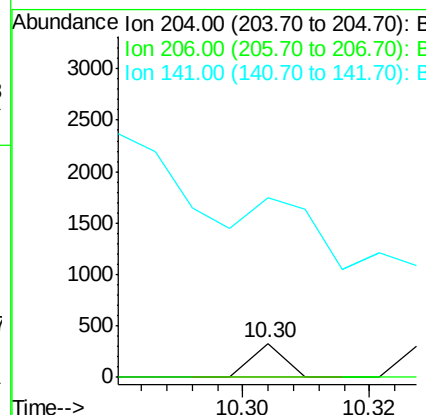
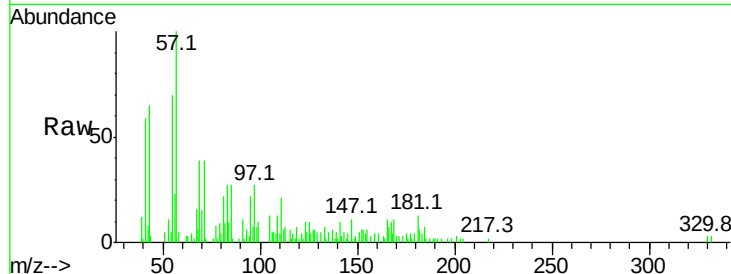
#60
4-Chlorophenyl-phenylether
Concen: 4.123 ng
RT: 10.30 min Scan# 1448
Delta R.T. 0.23 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Instrument :
BNA_F
ClientSampleId :
E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.2	39.2#
141	524.7	60.8	91.2#

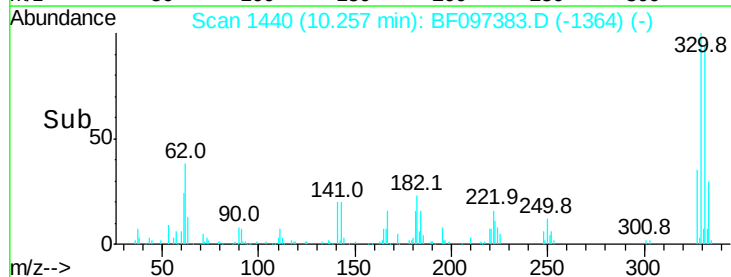
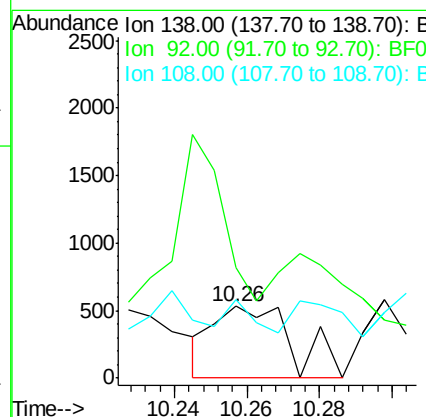
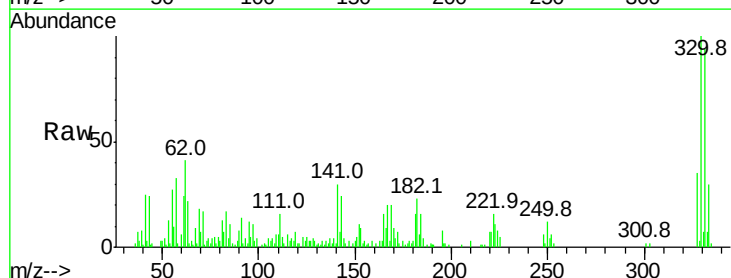
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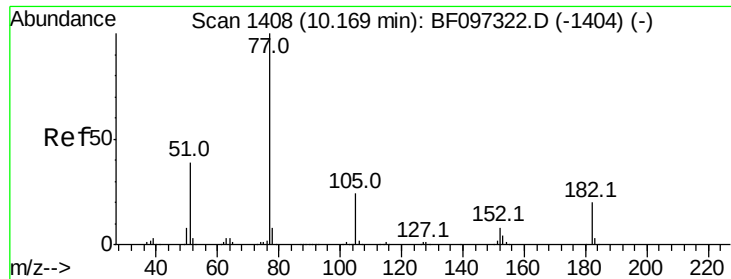
Sohil
8/7/2017 6:10:15 PM



#61
4-Nitroaniline
Concen: 35.125 ng
RT: 10.26 min Scan# 1440
Delta R.T. 0.15 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	153.8	21.8	61.8#
108	109.2	42.3	82.3#





#62

Azobenzene

Concen: 113.175 ng

RT: 10.36 min Scan# 1458

Delta R.T. 0.13 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Instrument :

BNA_F

ClientSampleId :

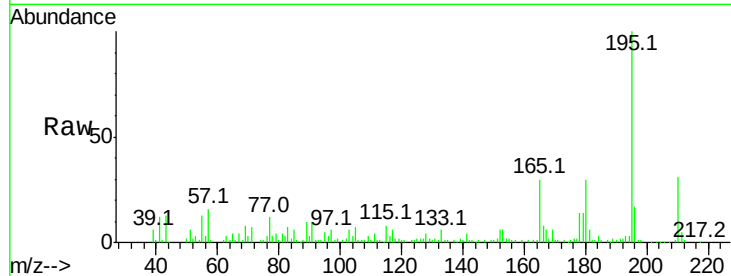
E2-O10-BASE

Tot Ion: 77 Resp: 8836

Ion	Ratio	Lower	Upper
77	100		
182	7.4	0.1	40.1
105	56.0	3.6	43.6#
51	48.7	9.4	49.4

Manual Integrations
APPROVED

Sohil
8/7/2017 6:10:15 PM



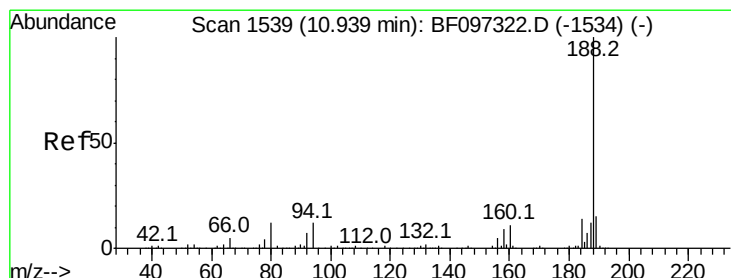
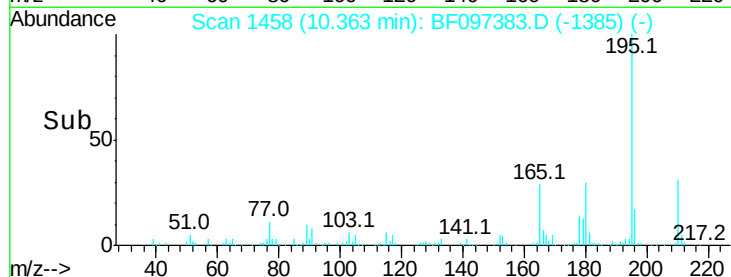
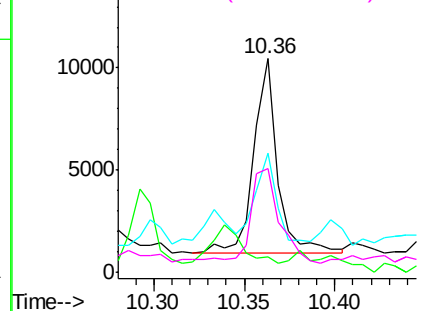
Abundance

Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1640

Delta R.T. 0.43 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Tgt Ion: 188 Resp: 729

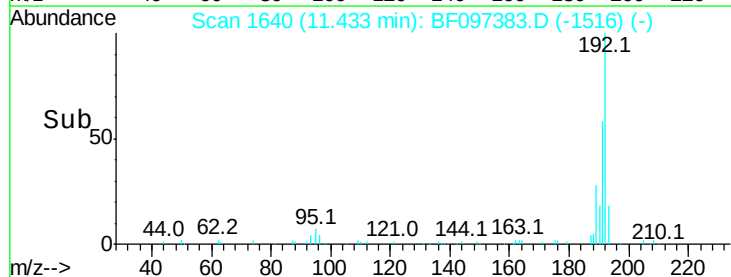
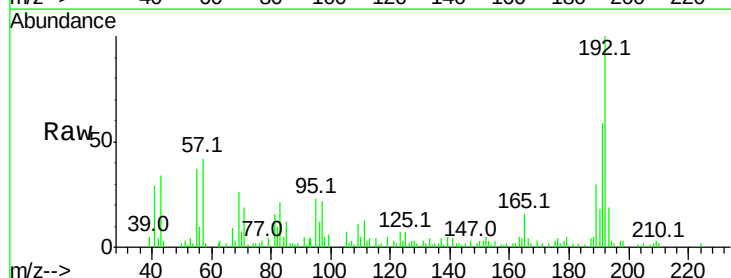
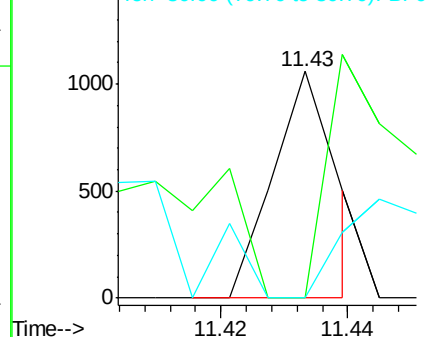
Ion	Ratio	Lower	Upper
188	100		
94	0.0	9.4	14.2#
80	0.0	10.2	15.2#

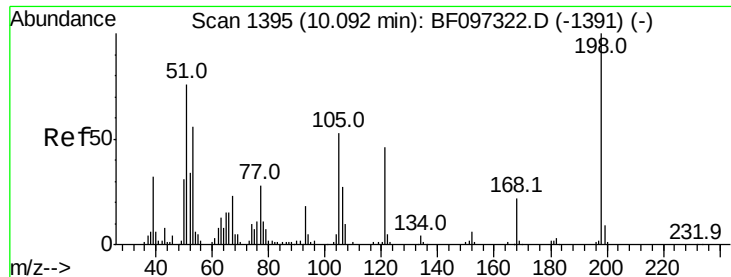
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





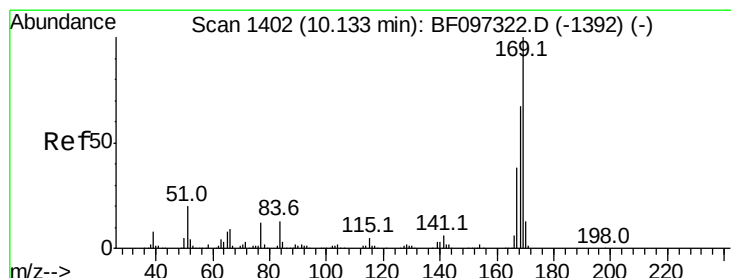
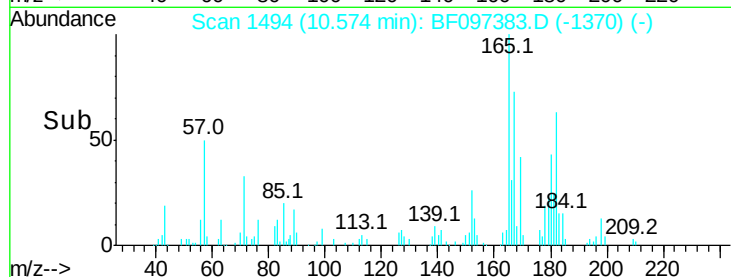
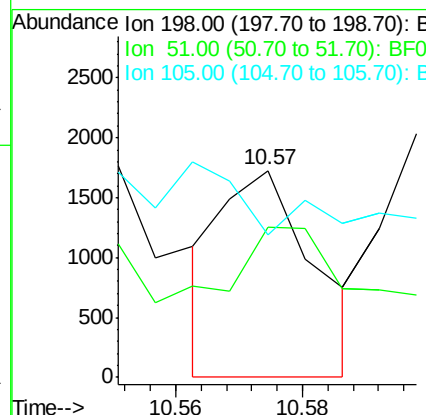
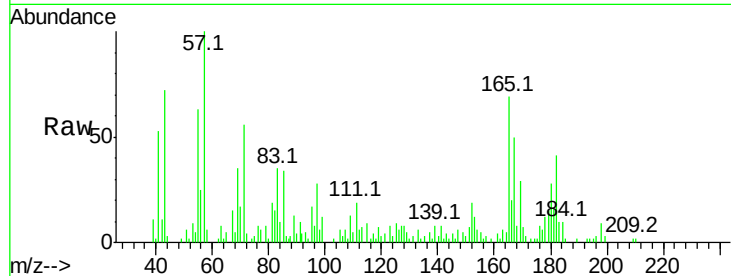
#64
 4,6-Dinitro-2-methylphenol
 Concen: 386.097 ng
 RT: 10.57 min Scan# 1494
 Delta R.T. 0.43 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Instrument :
 BNA_F
 ClientSampled :
 E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
198	100		
51	72.5	53.2	93.2
105	69.2	45.8	85.8

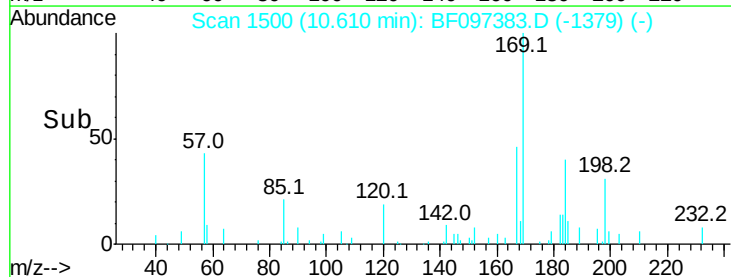
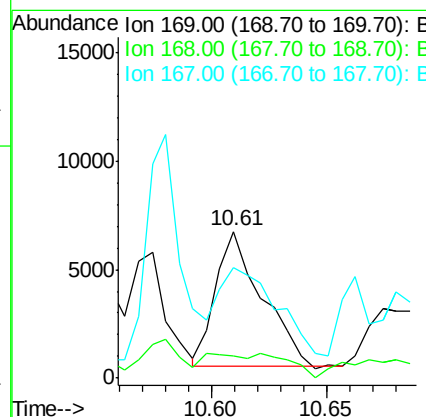
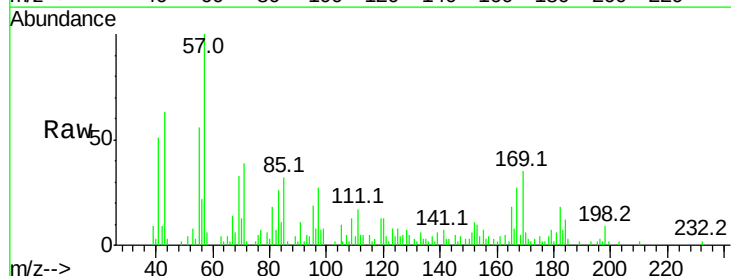
Manual Integrations
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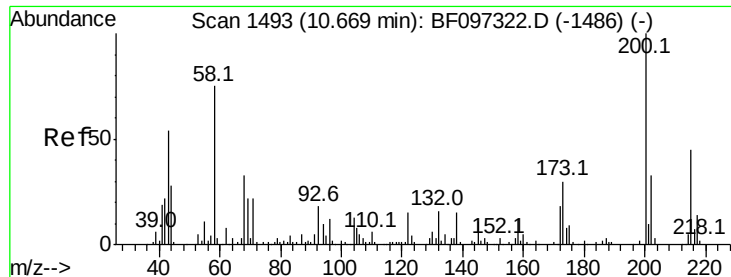
Sohil
 8/7/2017 6:10:15 PM



#65
 n-Nitrosodiphenylamine
 Concen: 342.757 ng
 RT: 10.61 min Scan# 1500
 Delta R.T. 0.41 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	15.1	53.2	79.8#
167	75.5	29.5	44.3#





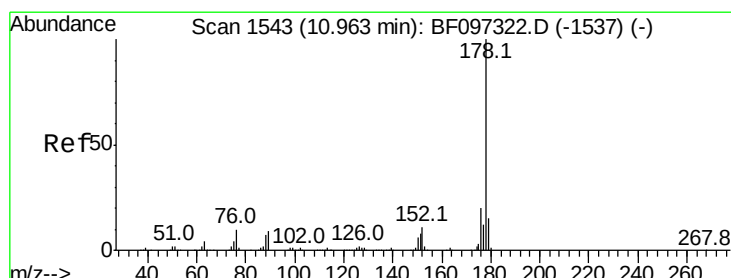
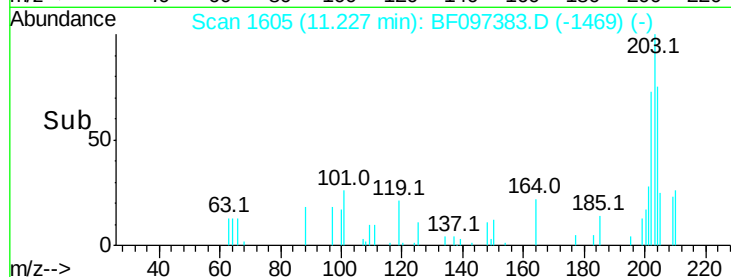
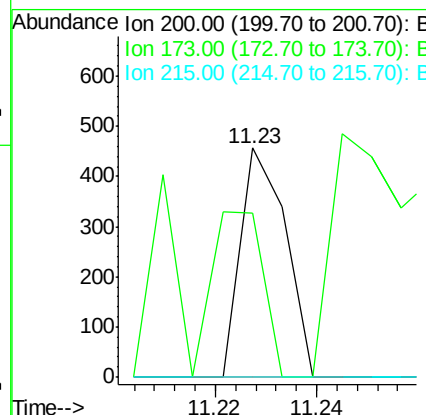
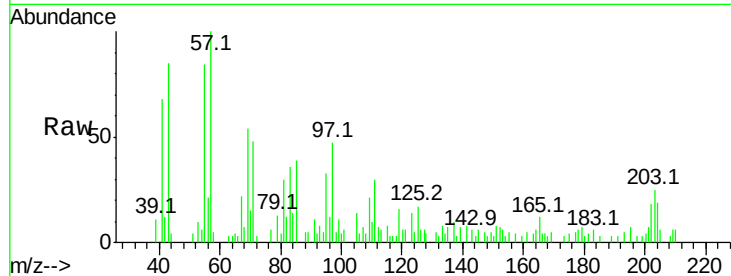
#68
Atrazine
Concen: 38.634 ng
RT: 11.23 min Scan# 1605
Delta R.T. 0.50 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Instrument :
BNA_F
ClientSampleId :
E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
200	100		
173	71.3	6.3	46.3#
215	0.0	27.2	67.2#

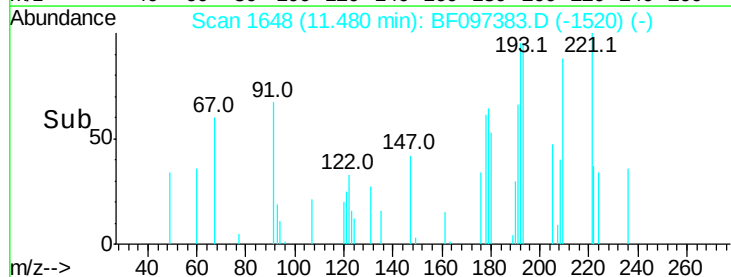
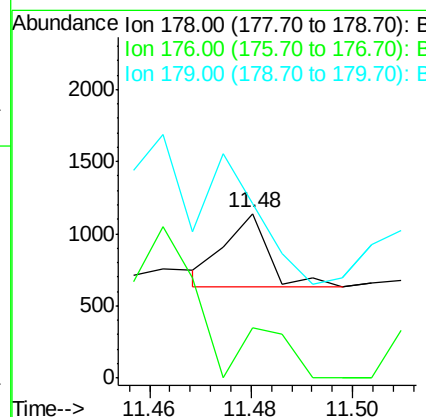
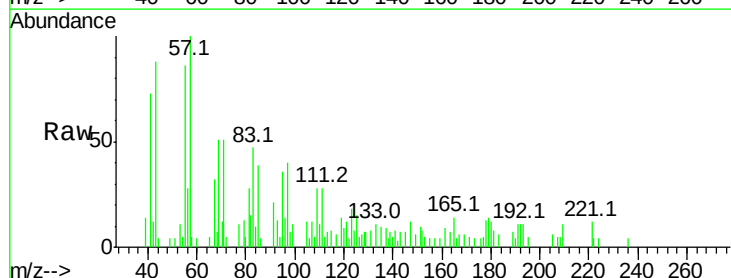
Manual Integrations
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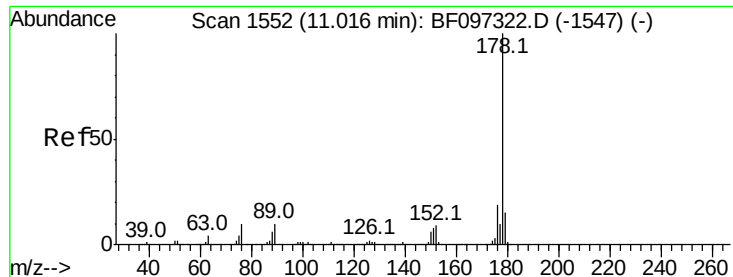
Sohil
8/7/2017 6:10:15 PM



#70
Phenanthrene
Concen: 7.629 ng
RT: 11.48 min Scan# 1648
Delta R.T. 0.45 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	30.6	16.2	24.4#
179	105.9	12.6	19.0#





#71

Anthracene

Concen: 31.745 ng

RT: 11.53 min Scan# 1656

Delta R.T. 0.45 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Instrument :

BNA_F

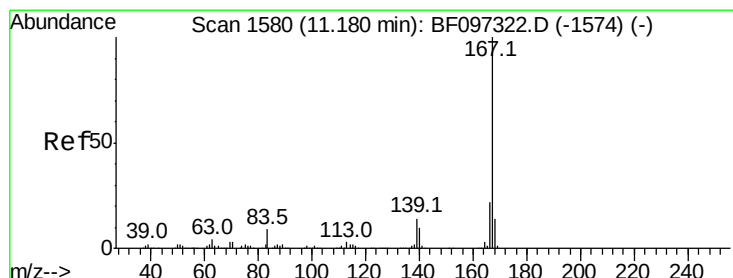
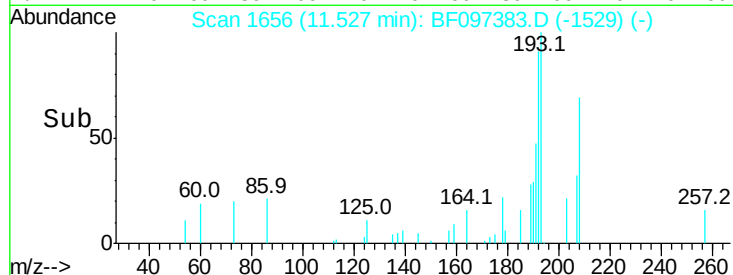
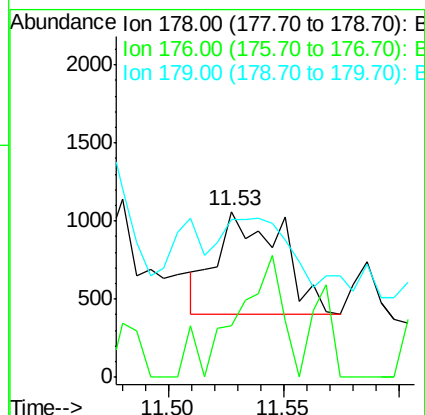
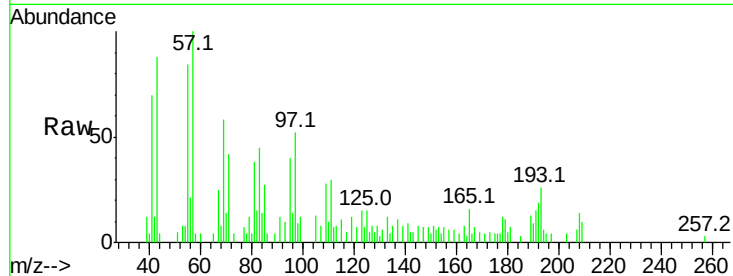
ClientSampled :

E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
178	100		
176	31.0	15.8	23.8#
179	95.5	12.7	19.1#

Manual Integrations
APPROVED

Sohil
8/7/2017 6:10:15 PM



#72

Carbazole

Concen: 35.608 ng

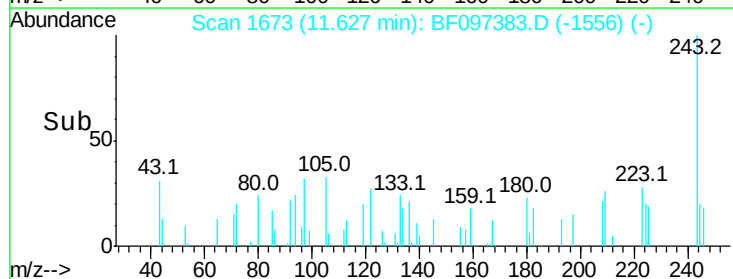
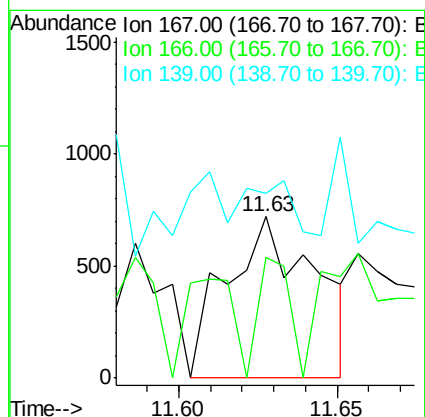
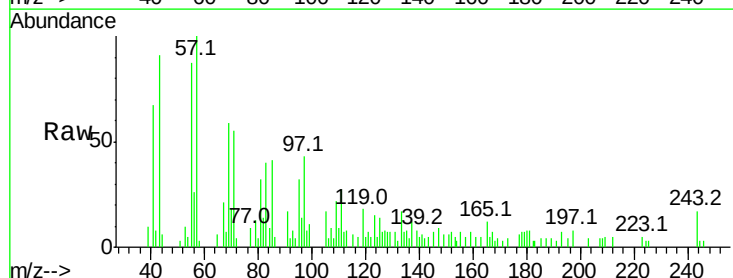
RT: 11.63 min Scan# 1673

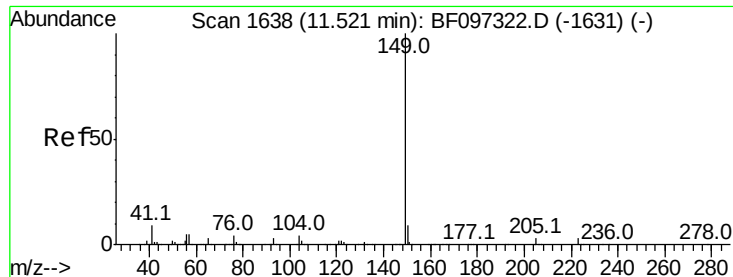
Delta R.T. 0.39 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	74.7	18.1	27.1#
139	114.9	11.7	17.5#





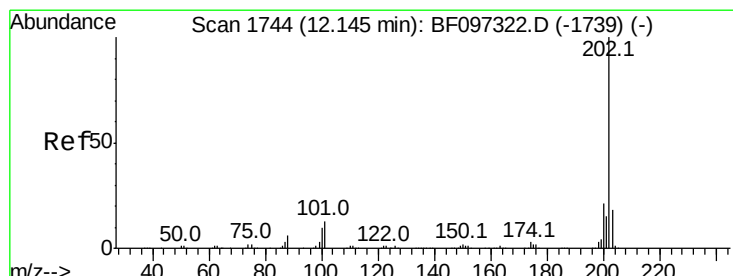
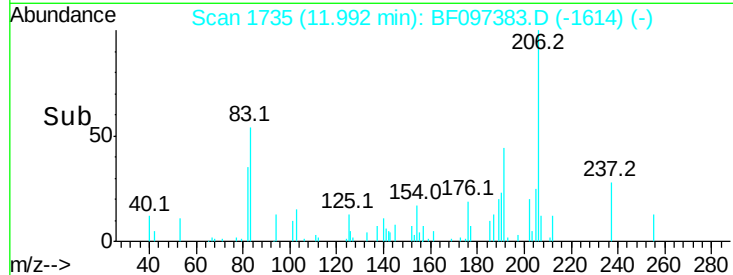
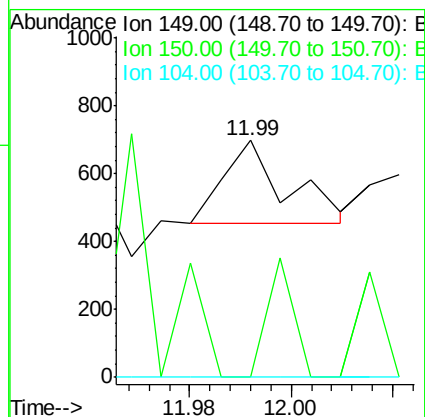
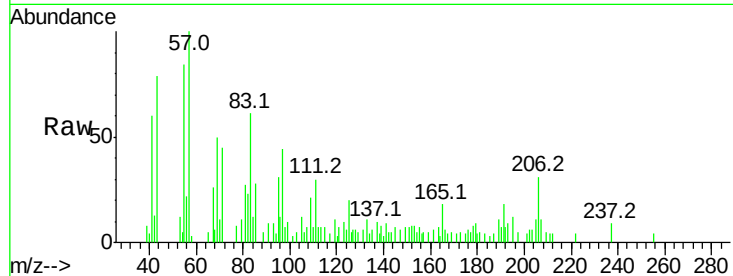
#73
Di-n-butylphthalate
Concen: 4.256 ng
RT: 11.99 min Scan# 1735
Delta R.T. 0.41 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Instrument :
BNA_F
ClientSampled :
E2-O10-BASE

Tot Ion:	149	Resp:	207
Ion Ratio	Lower	Upper	
149	100		
150	0.0	7.7	11.5#
104	0.0	4.0	6.0#

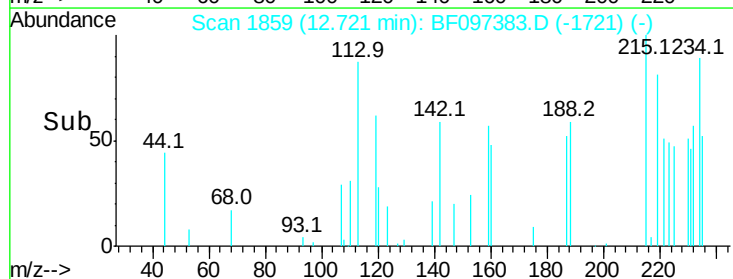
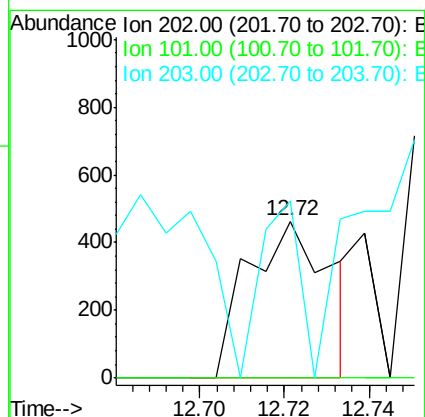
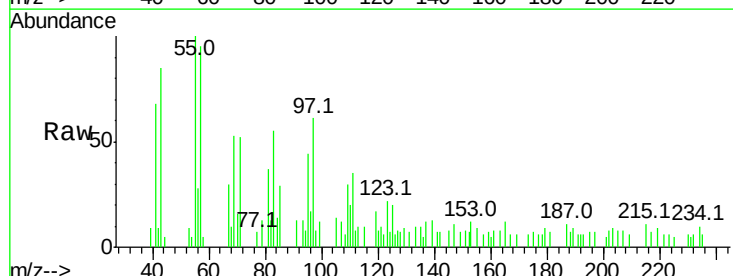
Manual Integrations
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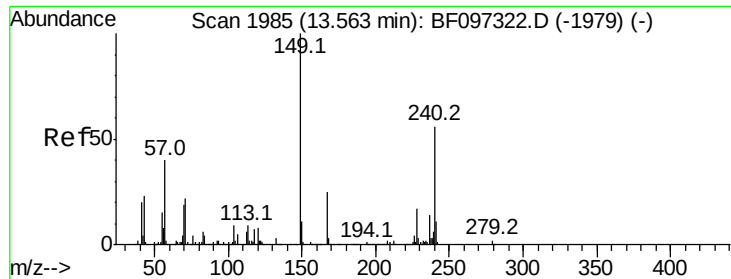
Sohil
8/7/2017 6:10:15 PM



#74
Fluoranthene
Concen: 16.438 ng
RT: 12.72 min Scan# 1859
Delta R.T. 0.51 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tgt Ion:	202	Resp:	629
Ion Ratio	Lower	Upper	
202	100		
101	0.0	0.0	33.2
203	112.5	0.0	38.1#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2090

Delta R.T. 0.45 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Instrument :

BNA_F

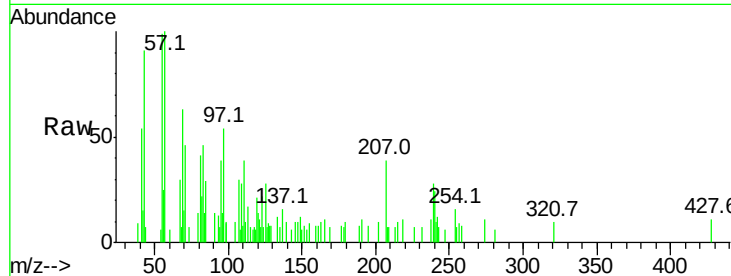
ClientSampled :

E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
240	100		
120	58.6	5.8	8.8#
236	0.0	20.5	30.7#

Manual Integrations
APPROVED

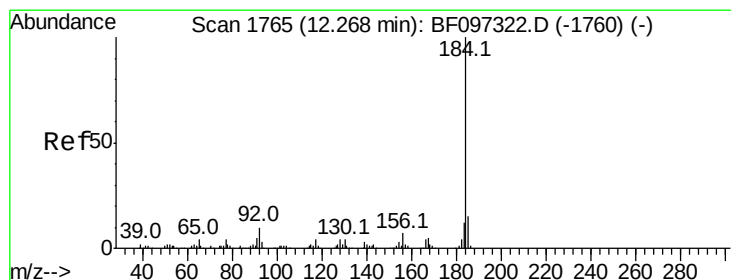
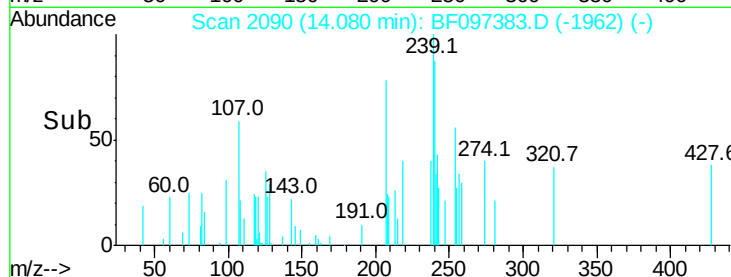
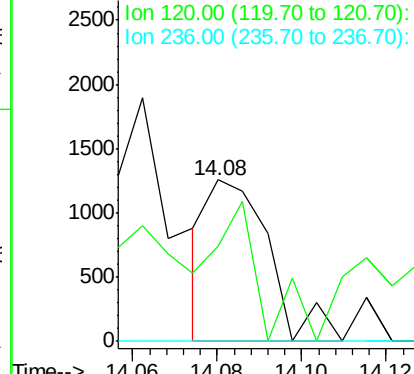
Sohil
8/7/2017 6:10:15 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.333 ng

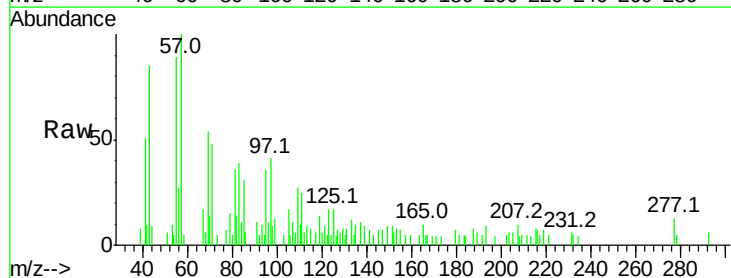
RT: 12.77 min Scan# 1868

Delta R.T. 0.44 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

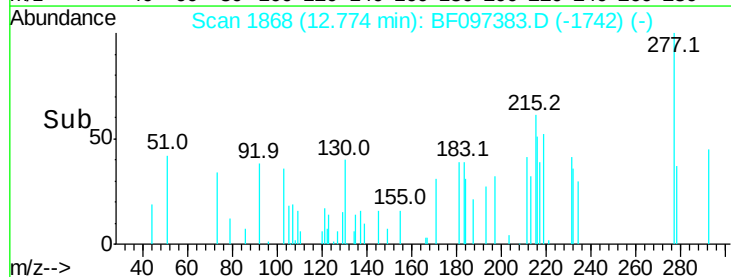
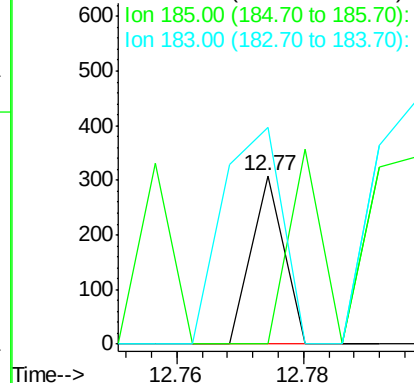
Tgt Ion	Ratio	Lower	Upper
184	100		
185	0.0	15.5	23.3#
183	128.2	9.8	14.6#

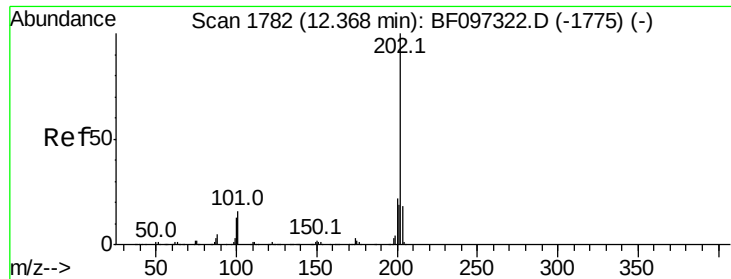


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





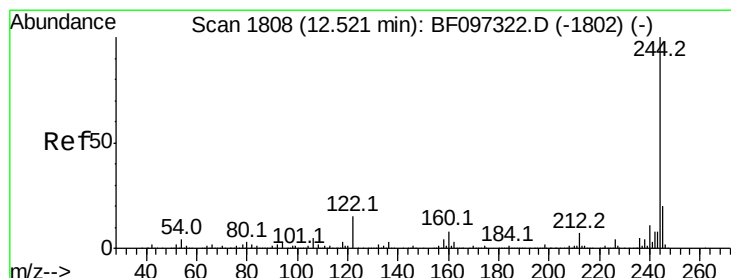
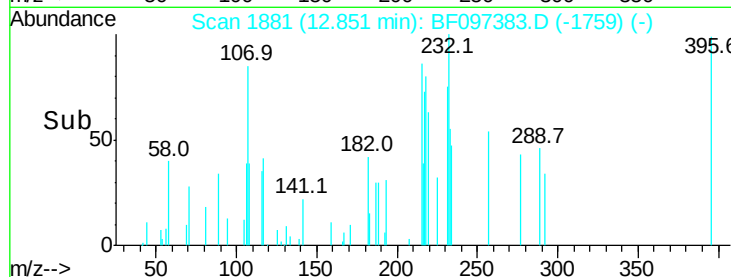
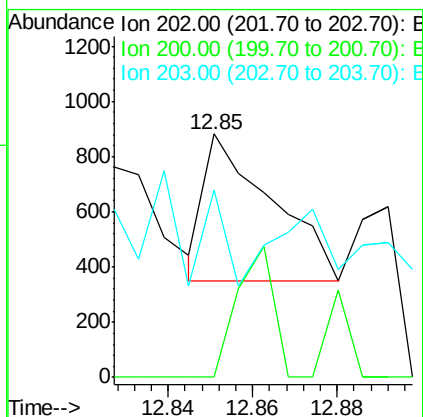
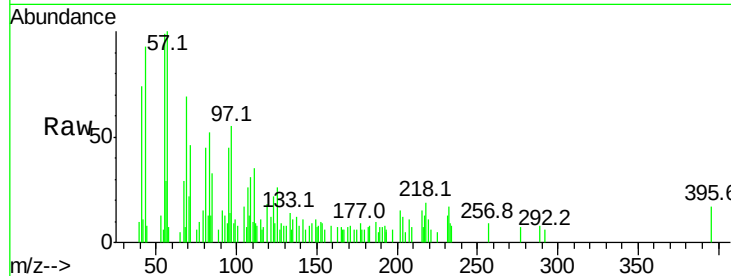
#77
Pvrene
Concen: 5.724 ng
RT: 12.85 min Scan# 1881
Delta R.T. 0.42 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Instrument :
BNA_F
ClientSampled :
E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.6	26.4#
203	77.1	14.4	21.6#

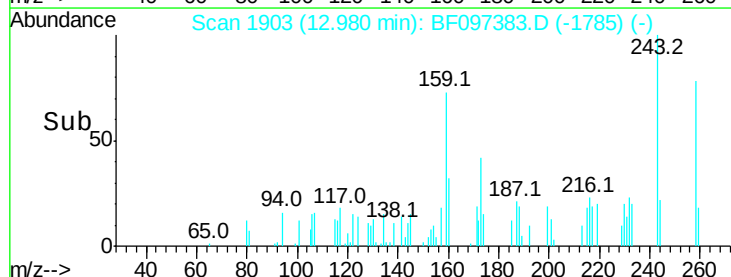
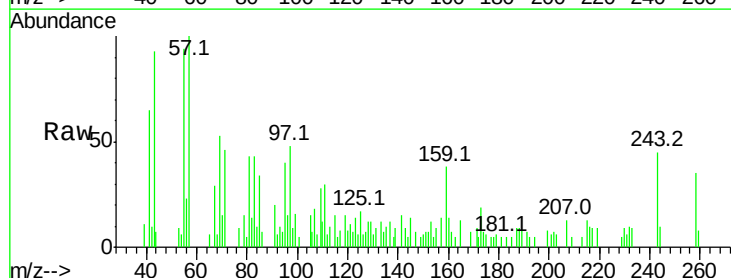
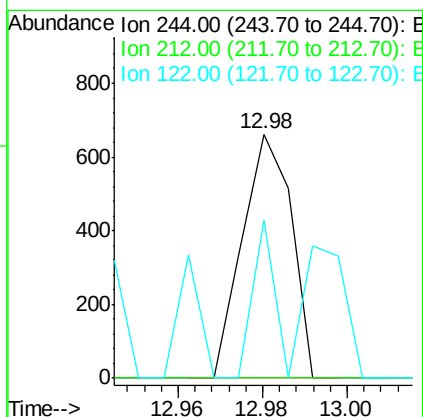
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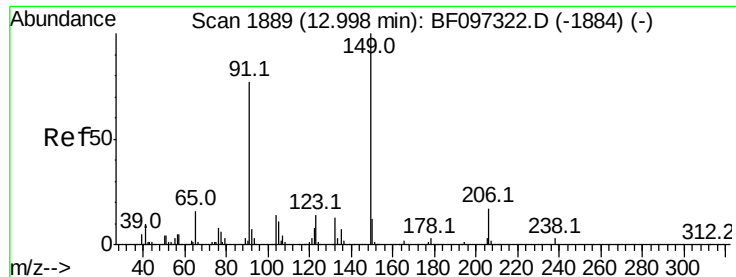
Sohil
8/7/2017 6:10:15 PM



#78
Terphenyl-d14
Concen: 8.615 ng
RT: 12.98 min Scan# 1903
Delta R.T. 0.39 min
Lab File: BF097383.D
Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.0	9.0#
122	65.1	10.3	15.5#





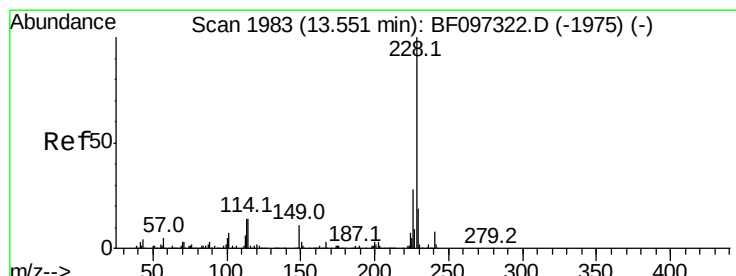
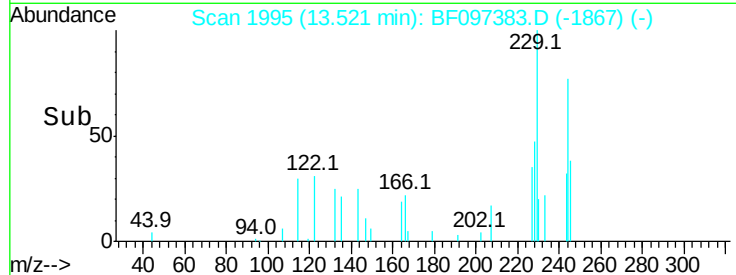
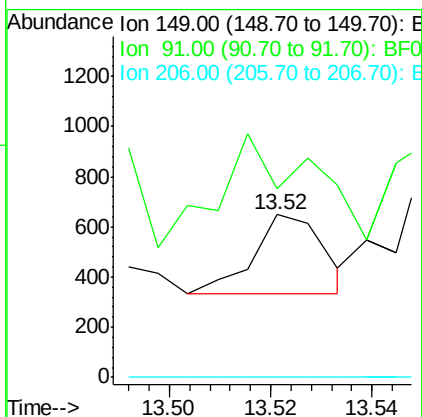
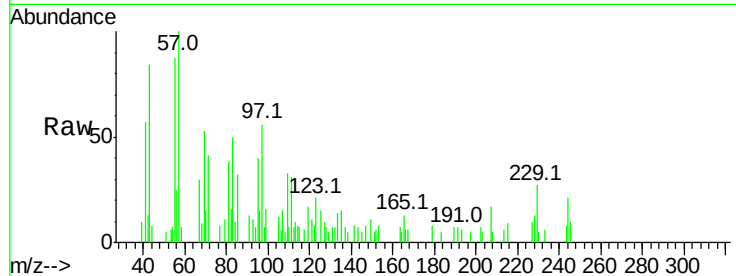
#79
 Butylbenzylphthalate
 Concen: 5.722 ng
 RT: 13.52 min Scan# 1995
 Delta R.T. 0.45 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-BASE

Tot Ion:	149	Resp:	300
Ion Ratio	Lower	Upper	
149	100		
91	116.4	45.0	67.4#
206	0.0	17.0	25.6#

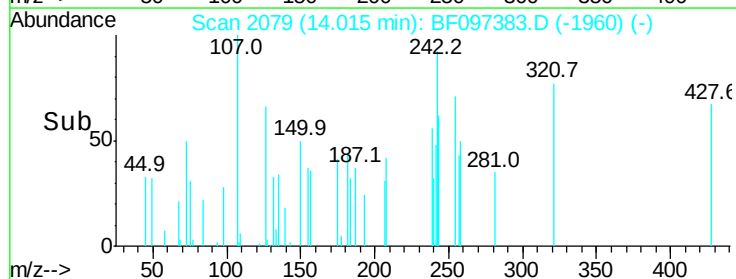
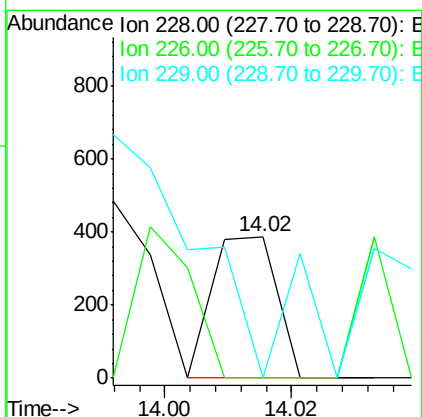
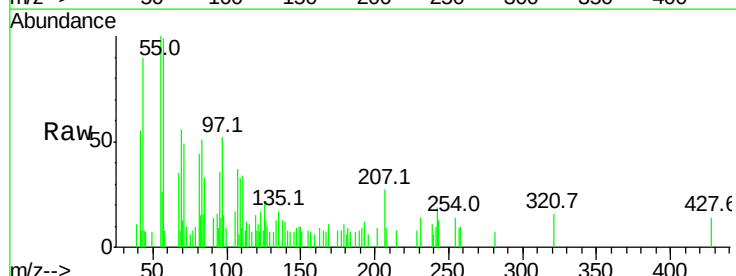
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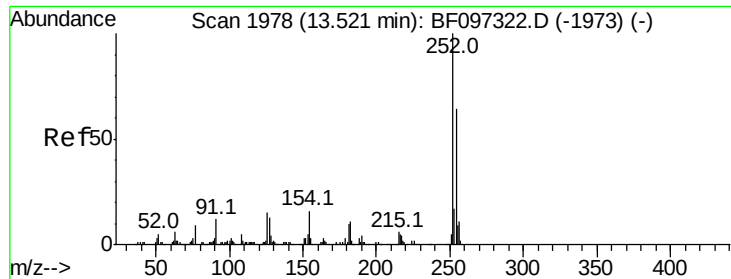
Sohil
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#80
 Benzo(a)anthracene
 Concen: 3.327 ng
 RT: 14.02 min Scan# 2079
 Delta R.T. 0.40 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Tgt Ion:	228	Resp:	271
Ion Ratio	Lower	Upper	
228	100		
226	0.0	22.6	33.8#
229	0.0	16.3	24.5#





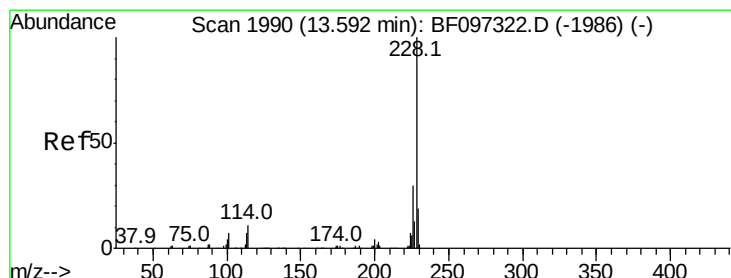
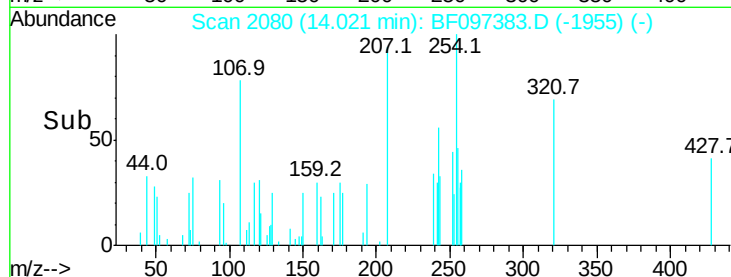
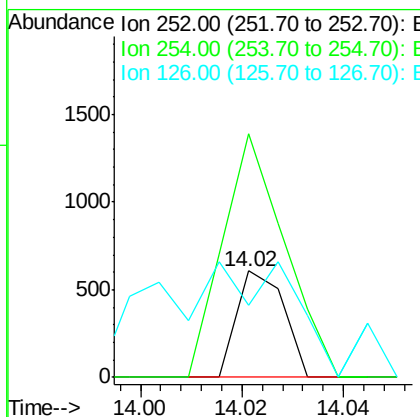
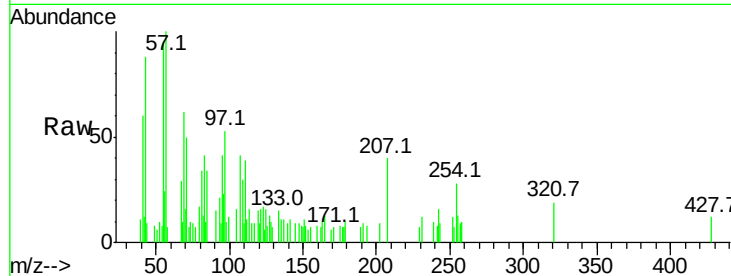
#81
 3,3'-Dichlorobenzidine
 Concen: 12.826 ng
 RT: 14.02 min Scan# 2080
 Delta R.T. 0.44 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Instrument :
 BNA_F
 ClientSampled :
 E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
252	100		
254	229.0	51.5	77.3#
126	67.7	15.8	23.8#

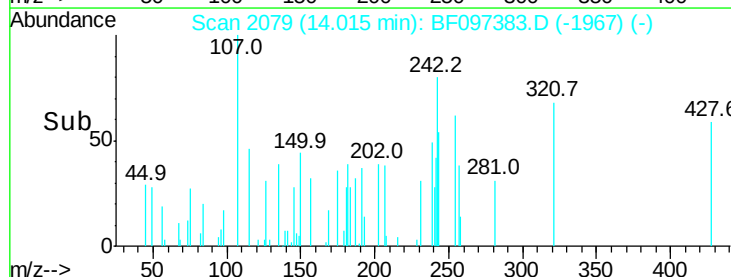
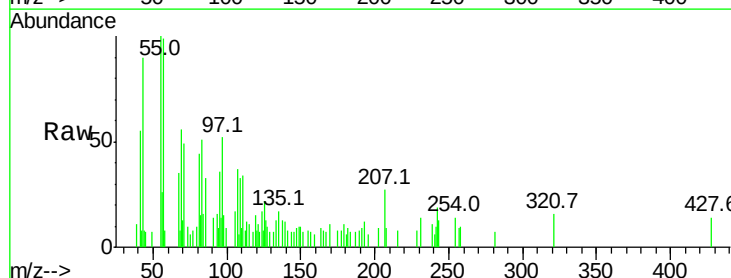
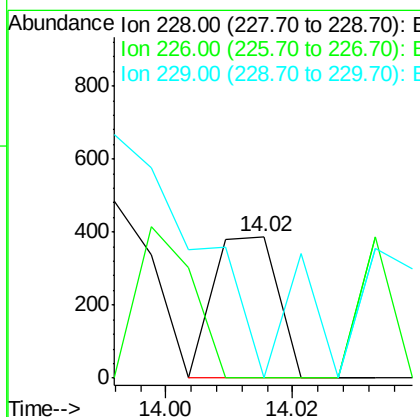
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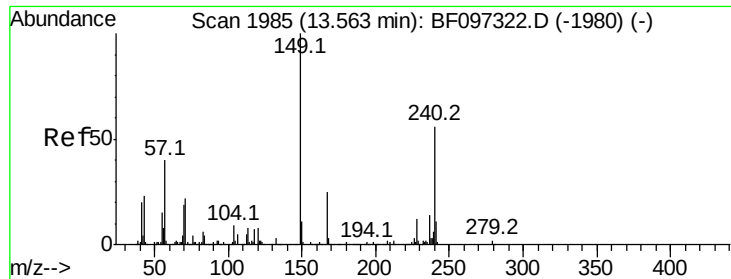
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#82
 Chrysene
 Concen: 3.407 ng
 RT: 14.02 min Scan# 2079
 Delta R.T. 0.36 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.8	23.6#





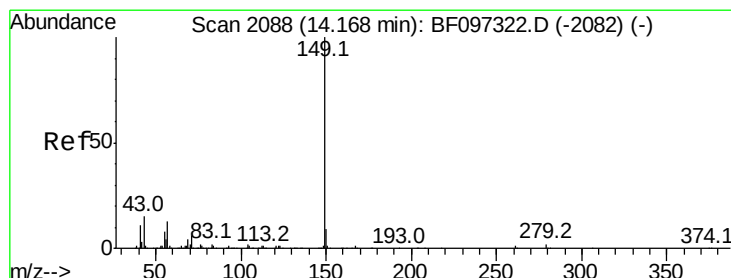
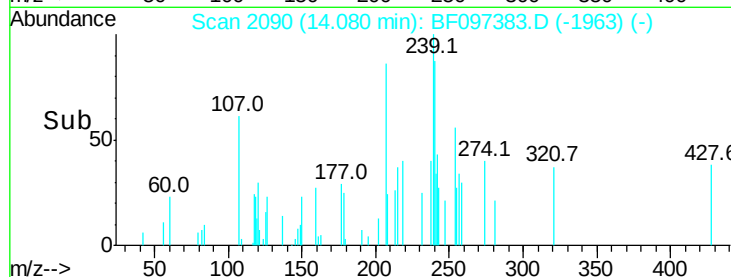
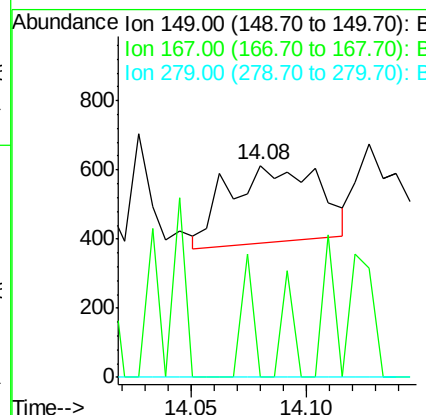
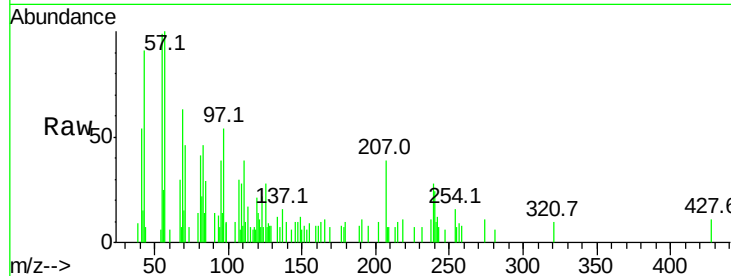
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.926 ng
 RT: 14.08 min Scan# 2090
 Delta R.T. 0.45 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.0	31.4#
279	0.0	1.9	2.9#

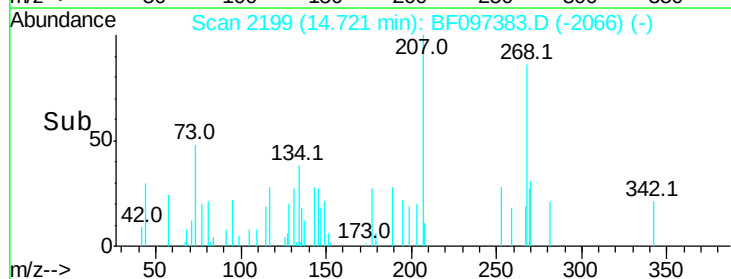
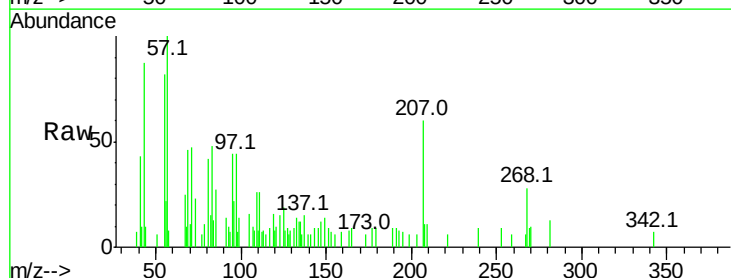
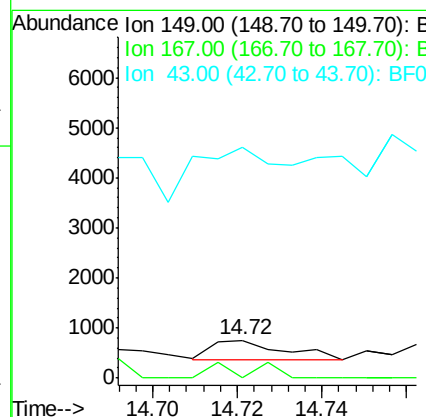
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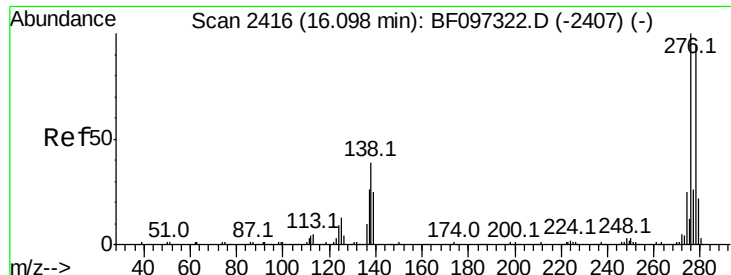
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 8/7/2017 6:10:15 PM



#84
 Di-n-octyl phthalate
 Concen: 3.845 ng
 RT: 14.72 min Scan# 2199
 Delta R.T. 0.48 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	45.1	1.2	1.8#
43	319.7	8.5	12.7#





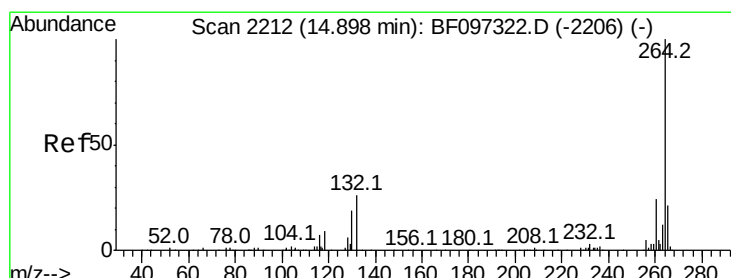
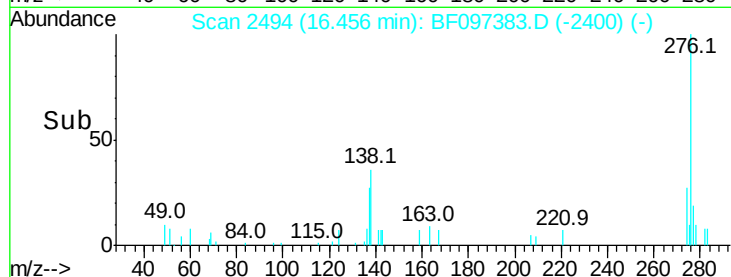
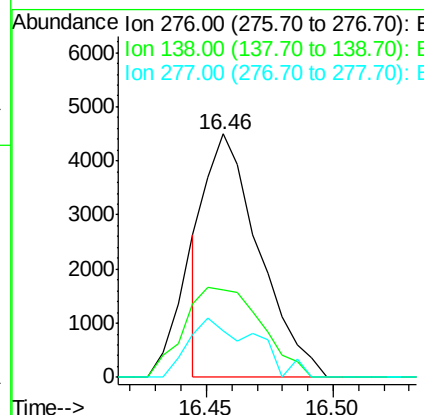
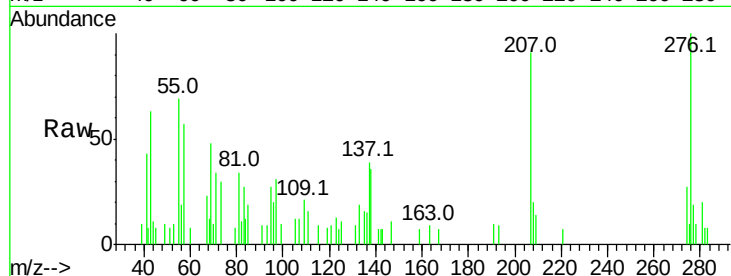
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 97.231 ng
 RT: 16.46 min Scan# 2494
 Delta R.T. 0.25 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Instrument :
 BNA_F
 ClientSampleId :
 E2-O10-BASE

Tot Ion	Ratio	Lower	Upper
276	100		
138	40.5	27.8	41.6
277	23.7	20.2	30.4

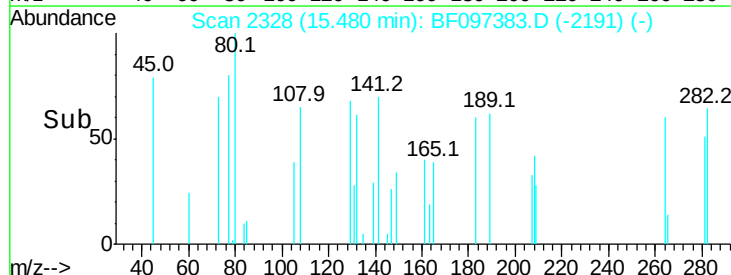
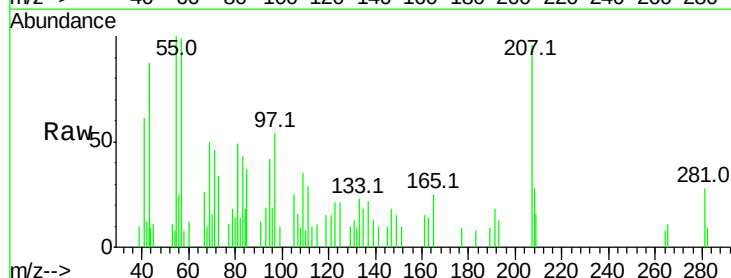
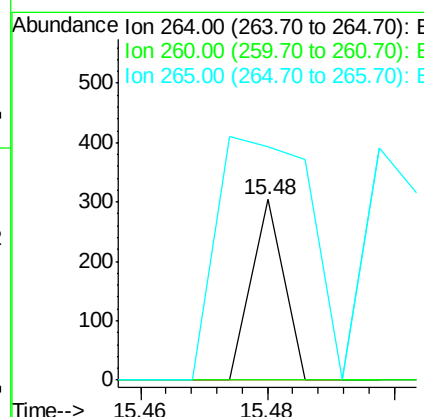
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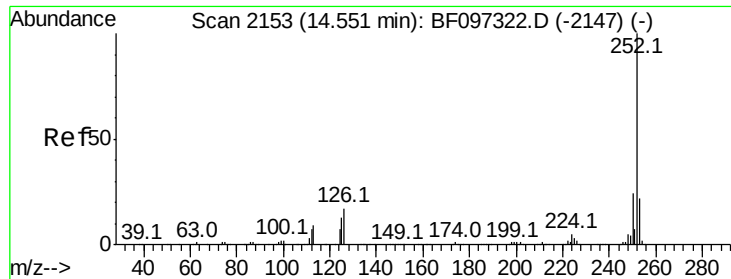
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2328
 Delta R.T. 0.51 min
 Lab File: BF097383.D
 Acq: 5 Aug 2017 4:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.5	29.3#
265	129.3	17.2	25.8#





#87

Benzo(b)fluoranthene

Concen: 745.024 ng

RT: 14.92 min Scan# 2233

Delta R.T. 0.31 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Instrument :

BNA_F

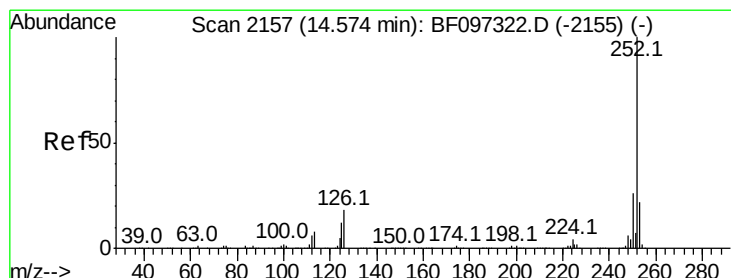
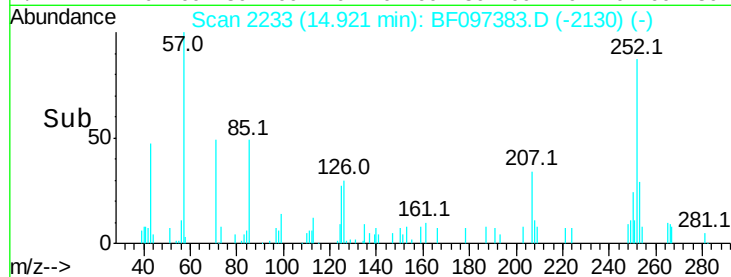
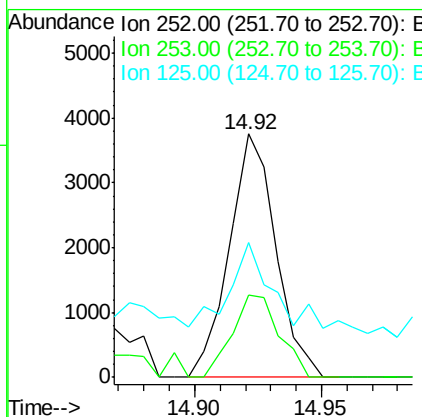
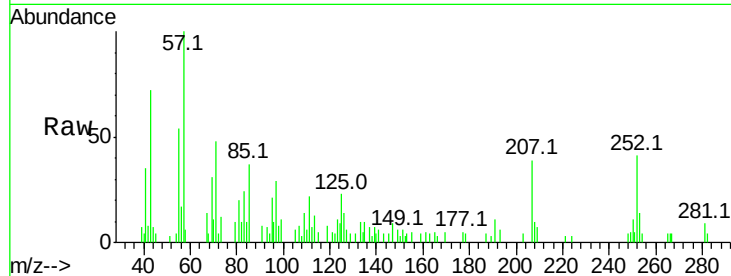
ClientSampled :

E2-O10-BASE

Tot Ion:	252	Resp:	4792
Ion Ratio	Lower	Upper	
252	100		
253	33.5	18.1	27.1#
125	55.2	9.8	14.8#

Manual Integrations
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8/7/2017 6:10:15 PM



#88

Benzo(k)fluoranthene

Concen: 2218.421 ng

RT: 14.84 min Scan# 2220

Delta R.T. 0.20 min

Lab File: BF097383.D

Acq: 5 Aug 2017 4:33

Tgt Ion:	252	Resp:	13597
Ion Ratio	Lower	Upper	
252	100		
253	20.9	18.4	27.6
125	19.4	13.1	19.7

