

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097278.D
 Acq On : 2 Aug 2017 17:29
 Operator : SJ/JU
 Sample : PB101158BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BS

Manual Integrations
 APPROVED

Sohil
 8/3/2017 6:08:05 PM

Quant Time: Aug 02 17:59:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 17:05:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	102591	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	452258	20.00	ng	0.00
38) Acenaphthene-d10	9.48	164	207209	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	371499	20.00	ng	0.00
75) Chrysene-d12	13.58	240	217992	20.00	ng	0.00
86) Perylene-d12	14.92	264	193569	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.06	112	829905	121.95	ng	0.01
7) Phenol-d6	6.13	99	967161	124.49	ng	0.00
23) Nitrobenzene-d5	7.03	82	581809	75.47	ng	0.00
41) 2,4,6-Tribromophenol	10.27	330	206653	126.23	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	1002695	82.12	ng	0.00
78) Terphenyl-d14	12.53	244	846093	79.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.02	88	101818	35.852	ng	# 71
3) Pyridine	2.63	79	294514	33.867	ng	# 60
4) n-Nitrosodimethylamine	2.58	42	182124	37.803	ng	# 76
6) Aniline	6.12	93	337669	34.538	ng	90
8) 2-Chlorophenol	6.25	128	303043	41.644	ng	97
9) Benzaldehyde	5.99	77	156874	34.113	ng	100
10) Phenol	6.14	94	368831	40.023	ng	97
11) bis(2-Chloroethyl)ether	6.20	93	281921	38.680	ng	88
12) 1,3-Dichlorobenzene	6.39	146	345171	44.015	ng	97
13) 1,4-Dichlorobenzene	6.47	146	319599	41.124	ng	96
14) 1,2-Dichlorobenzene	6.62	146	291500	42.958	ng	99
15) Benzyl Alcohol	6.62	79	243557	49.515	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.75	45	569983	38.990	ng	51
17) 2-Methylphenol	6.75	107	236308	42.076	ng	# 89
18) Hexachloroethane	6.96	117	112693	39.636	ng	# 81
19) n-Nitroso-di-n-propylamine	6.89	70	213802	41.808	ng	# 84
20) 3+4-Methylphenols	6.90	107	331533	45.197	ng	# 62
22) Acetophenone	6.87	105	424587	39.093	ng	96
24) Nitrobenzene	7.05	77	306232	38.140	ng	90
25) Isophorone	7.29	82	569944	37.750	ng	96
26) 2-Nitrophenol	7.36	139	175259	40.346	ng	92
27) 2,4-Dimethylphenol	7.42	122	311503	43.472	ng	96
28) bis(2-Chloroethoxy)methane	7.50	93	415836	42.206	ng	98
29) 2,4-Dichlorophenol	7.62	162	271770	44.025	ng	97
30) 1,2,4-Trichlorobenzene	7.68	180	244216	41.505	ng	97
31) Naphthalene	7.76	128	859015	40.294	ng	100
32) Benzoic acid	7.59	122	211508	39.529	ng	96
33) 4-Chloroaniline	7.82	127	226965	26.164	ng	98
34) Hexachlorobutadiene	7.88	225	122195	39.173	ng	97
35) Caprolactam	8.20	113	91302m	46.126	ng	
36) 4-Chloro-3-methylphenol	8.33	107	289854	43.039	ng	89
37) 2-Methylnaphthalene	8.45	142	583728	43.245	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.62	216	208818	37.769	ng	99
40) Hexachlorocyclopentadiene	8.60	237	130012	68.297	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	154805	38.637	nq	97
43) 2,4,5-Trichlorophenol	8.79	196	156224	38.956	nq	98
45) 1,1'-Biphenyl	8.92	154	647633	36.592	nq	99
46) 2-Chloronaphthalene	8.93	162	501454	38.502	nq	# 92
47) 2-Nitroaniline	9.04	65	202123	42.763	nq	96
48) Acenaphthylene	9.34	152	767139	38.374	nq	100
49) Dimethylphthalate	9.23	163	655948	41.687	nq	98
50) 2,6-Dinitrotoluene	9.29	165	137429	41.180	nq	# 80
51) Acenaphthene	9.52	154	465588	39.539	nq	99
52) 3-Nitroaniline	9.45	138	126892	30.632	nq	93
53) 2,4-Dinitrophenol	9.57	184	125114	82.453	nq	# 78
54) Dibenzofuran	9.69	168	701598	44.732	nq	96
55) 4-Nitrophenol	9.65	139	150296	61.011	nq	# 62
56) 2,4-Dinitrotoluene	9.69	165	177119	46.167	nq	# 57
57) Fluorene	10.03	166	501295	42.524	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	128858	46.537	nq	97
59) Diethylphthalate	9.92	149	648435	44.918	nq	99
60) 4-Chlorophenyl-phenylether	10.02	204	207833	42.694	nq	97
61) 4-Nitroaniline	10.07	138	161485	41.027	nq	92
62) Azobenzene	10.18	77	605512	45.214	nq	93
64) 4,6-Dinitro-2-methylphenol	10.11	198	94491	40.932	nq	80
65) n-Nitrosodiphenylamine	10.15	169	486290	37.621	nq	98
66) 4-Bromophenyl-phenylether	10.51	248	143619	38.738	nq	98
67) Hexachlorobenzene	10.57	284	153489	36.919	nq	# 89
68) Atrazine	10.69	200	163213	44.034	nq	97
69) Pentachlorophenol	10.78	266	127251	73.975	nq	96
70) Phenanthrene	10.98	178	818059	41.098	nq	99
71) Anthracene	11.03	178	835042	40.959	nq	99
72) Carbazole	11.19	167	756569	37.734	nq	99
73) Di-n-butylphthalate	11.53	149	979766	39.532	nq	99
74) Fluoranthene	12.16	202	771772	39.578	nq	98
76) Benzidine	12.29	184	359674	44.467	nq	# 92
77) Pyrene	12.38	202	847432	47.485	nq	99
79) Butylbenzylphthalate	13.02	149	450621	49.639	nq	# 80
80) Benzo(a)anthracene	13.57	228	604215	42.837	nq	99
81) 3,3'-Dichlorobenzidine	13.53	252	165522	31.119	nq	# 97
82) Chrysene	13.60	228	577882	41.957	nq	100
83) Bis(2-ethylhexyl)phthalate	13.58	149	511912	43.190	nq	99
84) Di-n-octyl phthalate	14.19	149	908271	41.757	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.12	276	484266	41.004	nq	98
87) Benzo(b)fluoranthene	14.56	252	491814	42.267	nq	97
88) Benzo(k)fluoranthene	14.59	252	459169	41.412	nq	96
89) Benzo(a)pyrene	14.86	252	462979	43.475	nq	97
90) Dibenzo(a,h)anthracene	16.13	278	395330	45.268	nq	94
91) Benzo(g,h,i)perylene	16.48	276	428910	46.834	nq	99

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

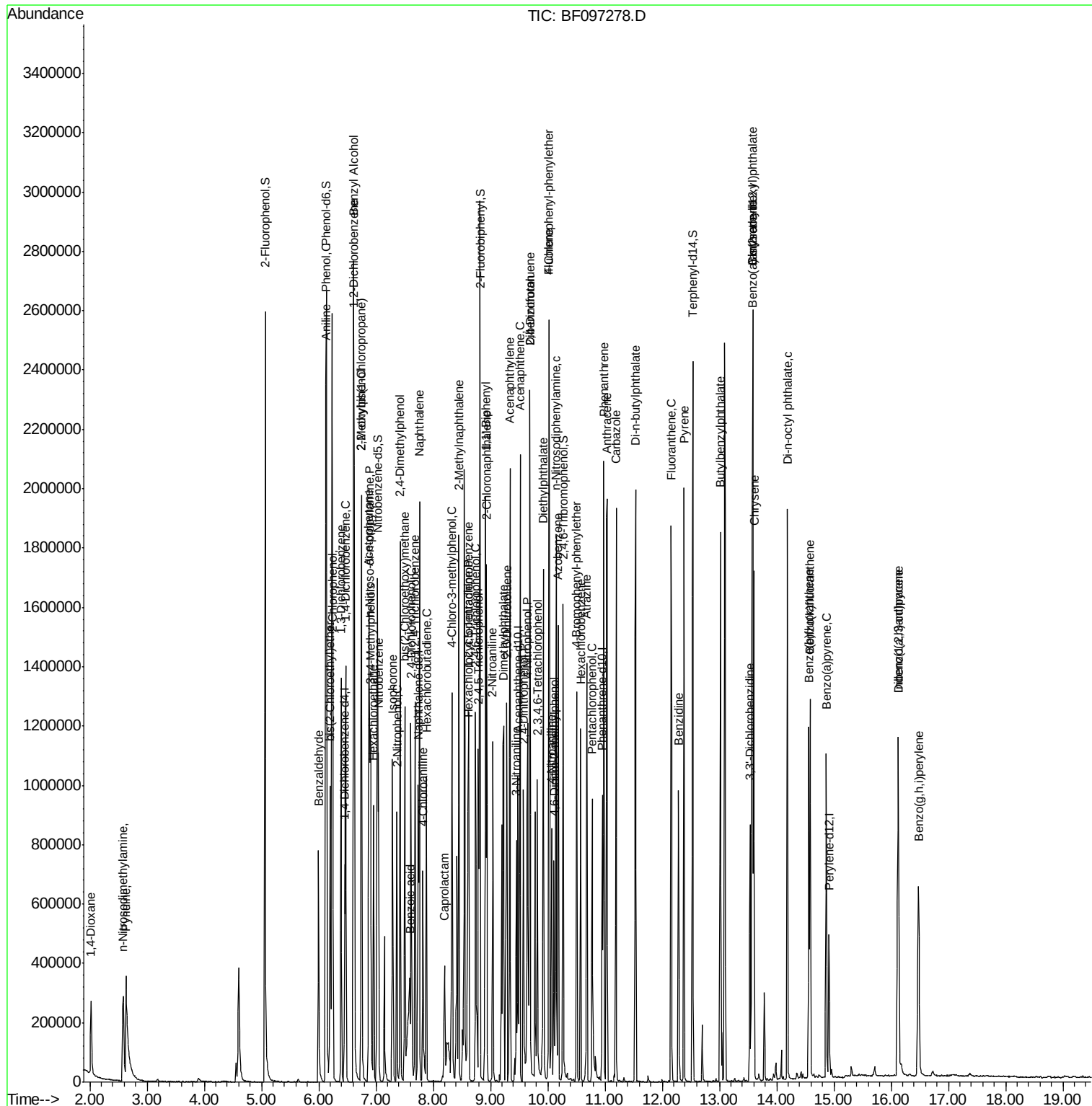
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Sample    : PB101158BS  
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ALS Vial  : 9 Sample Multiplier: 1
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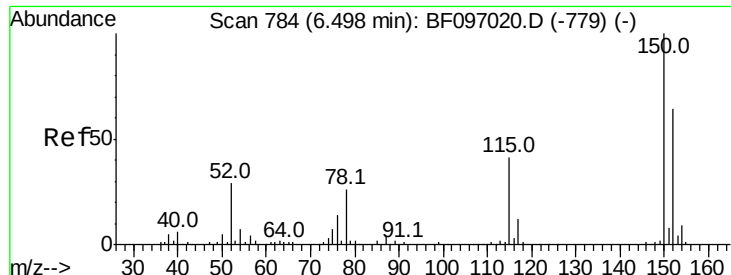
Instrument :
BNA_F
ClientSampleId :
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#1

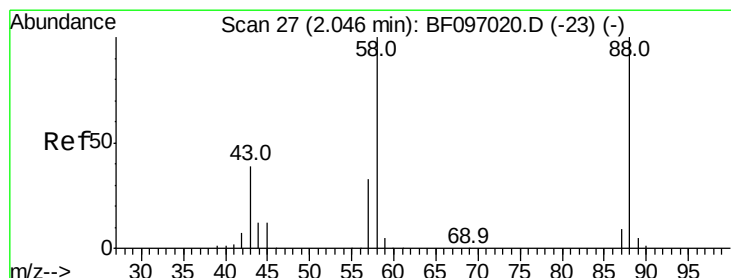
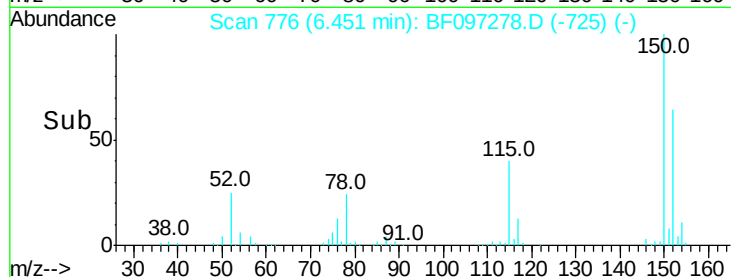
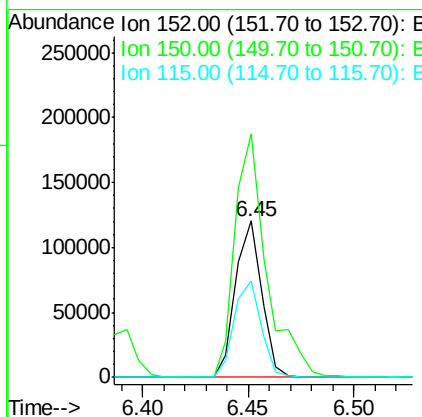
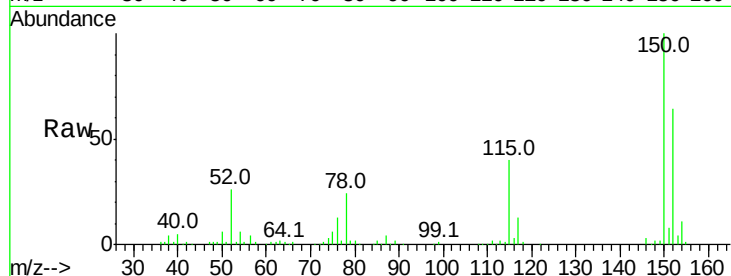
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Instrument :
BNA_F
ClientSampleID :
PB101158BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	62.1	52.2	78.2

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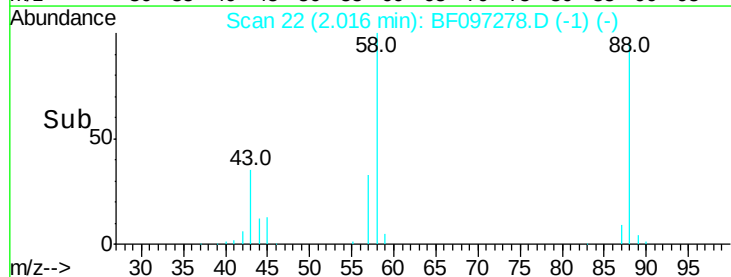
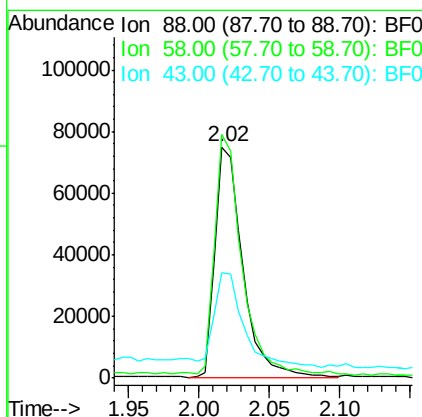
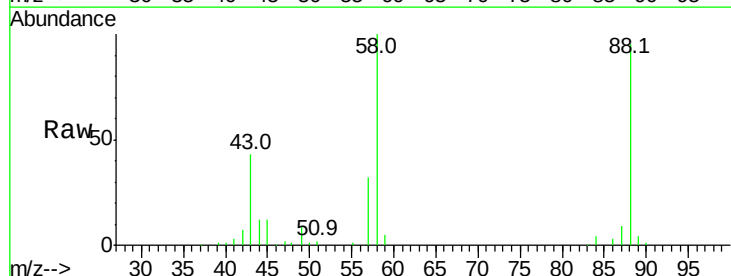
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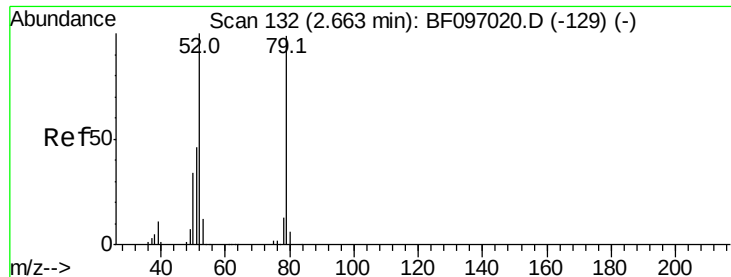


#2

1,4-Dioxane
Concen: 35.852 ng
RT: 2.02 min Scan# 22
Delta R.T. 0.04 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.4	61.4	92.0#
43	43.4	23.4	35.0#





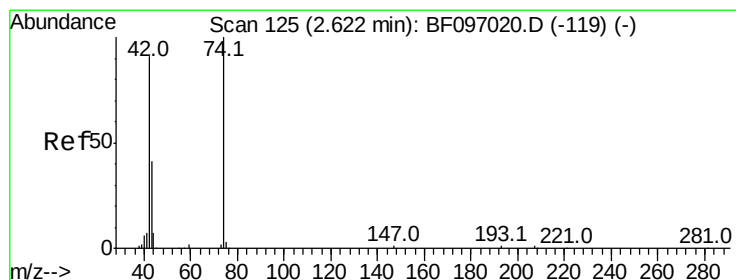
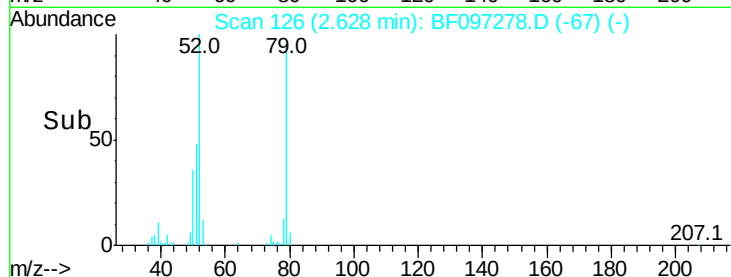
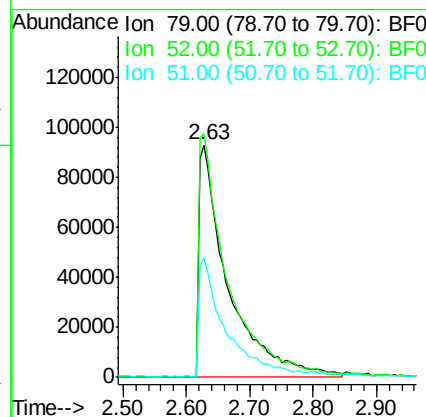
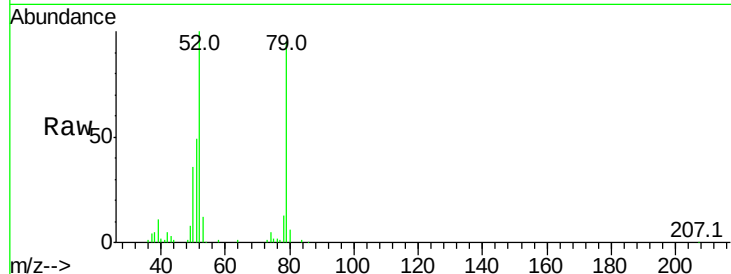
#3
 Pvridine
 Concen: 33.867 ng
 RT: 2.63 min Scan# 126
 Delta R.T. 0.05 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	104.9	54.8	82.2#
51	51.6	27.0	40.4#

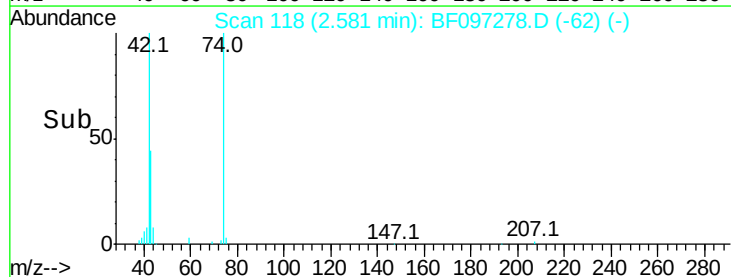
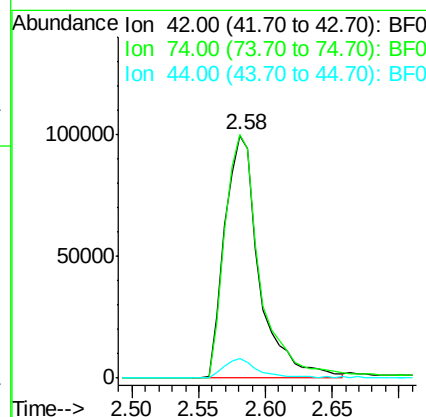
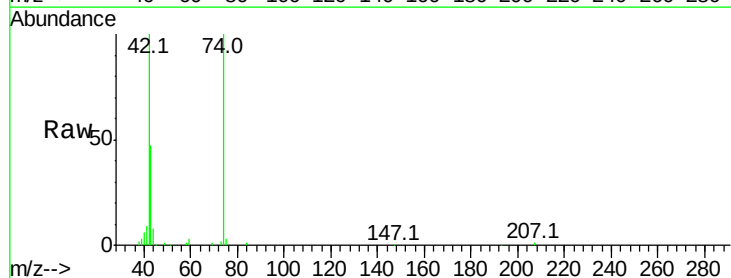
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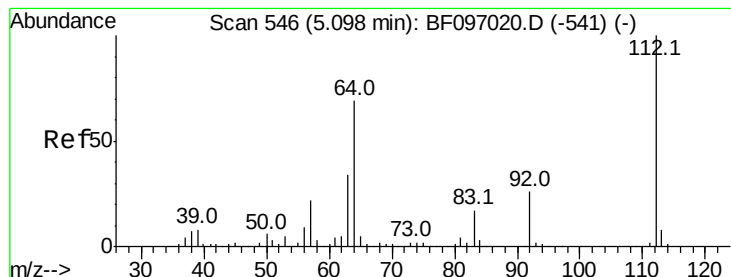
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#4
 n-Nitrosodimethylamine
 Concen: 37.803 ng
 RT: 2.58 min Scan# 118
 Delta R.T. 0.03 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	100.4	103.9	155.9#
44	7.9	5.7	8.5





#5

2-Fluorophenol

Concen: 121.948 ng

RT: 5.06 min Scan# 540

Delta R.T. 0.01 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Instrument :

BNA_F

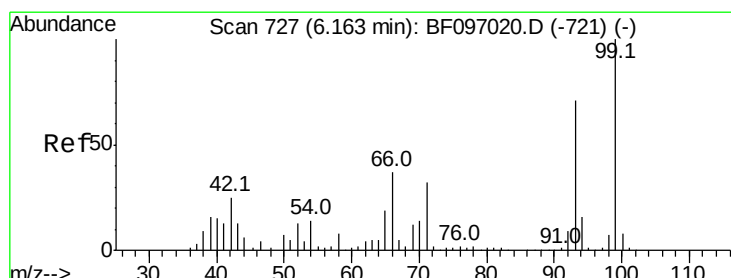
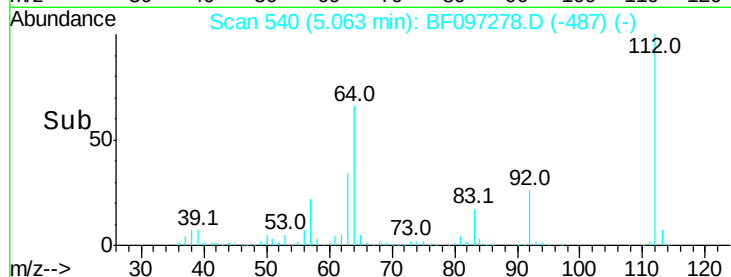
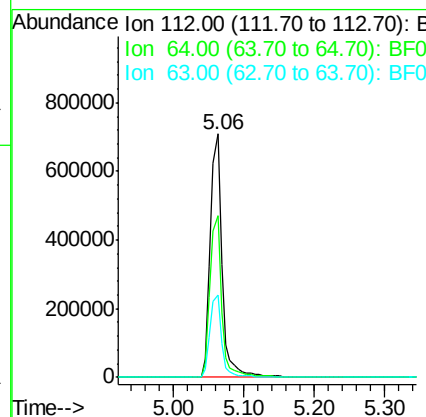
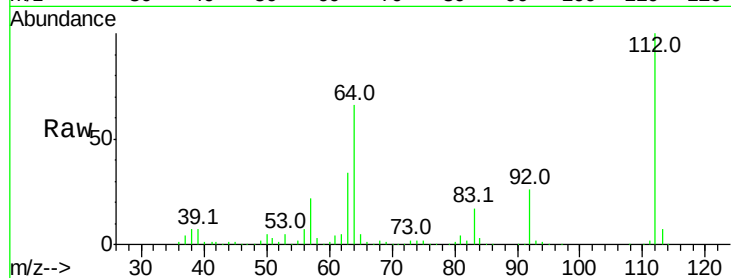
ClientSampleId :

PB101158BS

Tot Ion:	112	Resp:	829905
Ion Ratio	Lower	Upper	
112	100		
64	66.2	46.0	69.0
63	33.6	23.4	35.0

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#6

Aniline

Concen: 34.538 ng

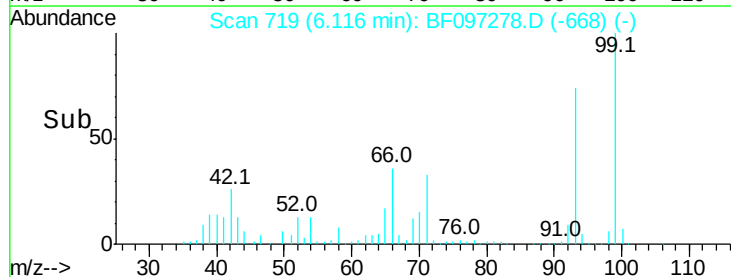
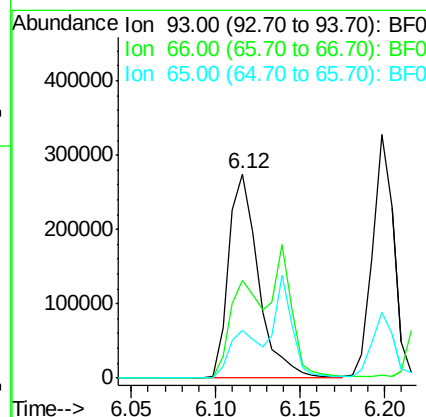
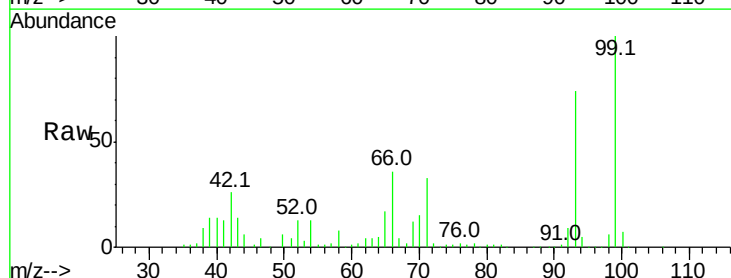
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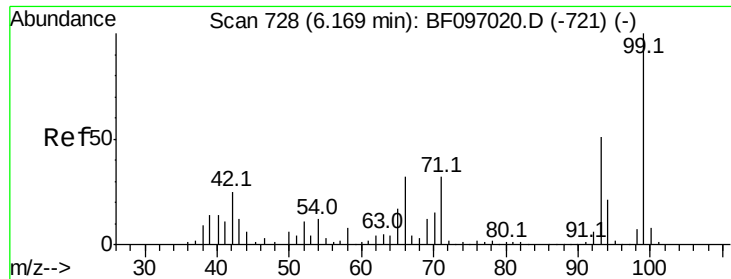
Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Tgt Ion:	93	Resp:	337669
Ion Ratio	Lower	Upper	
93	100		
66	48.2	32.9	49.3
65	23.4	16.0	24.0





#7

Phenol-d6

Concen: 124.487 ng

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Instrument :

BNA_F

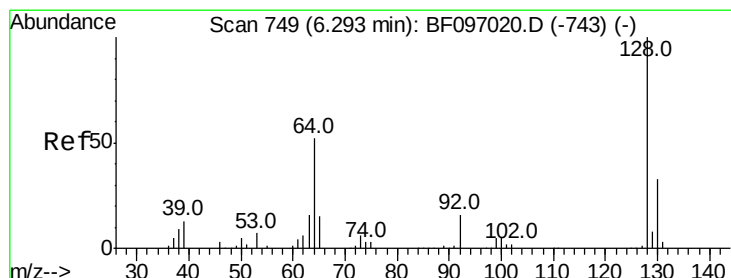
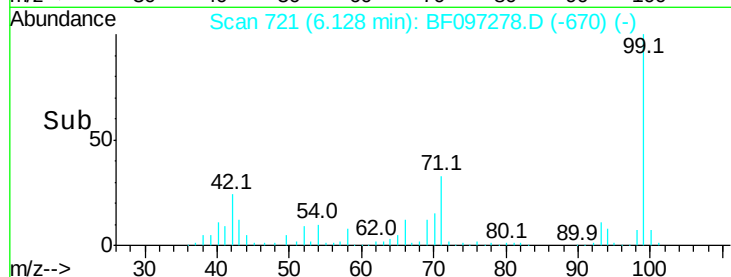
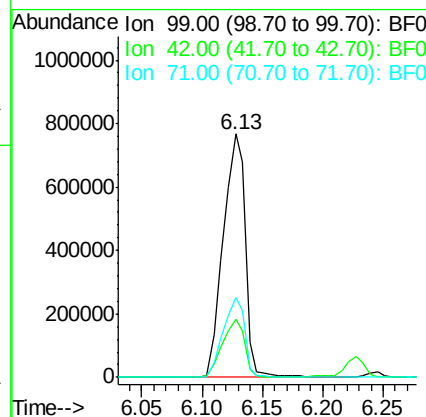
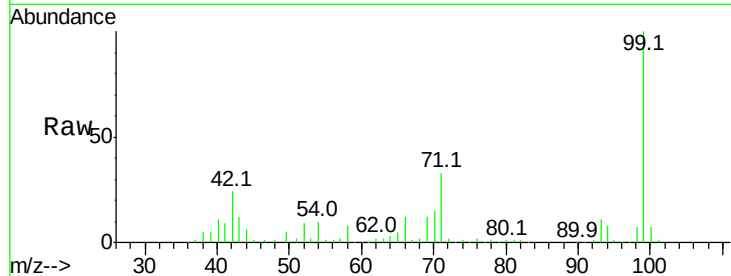
ClientSampled :

PB101158BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		967161		
42	23.9	13.5	20.3#		
71	32.8	24.5	36.7		

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#8

2-Chlorophenol

Concen: 41.644 ng

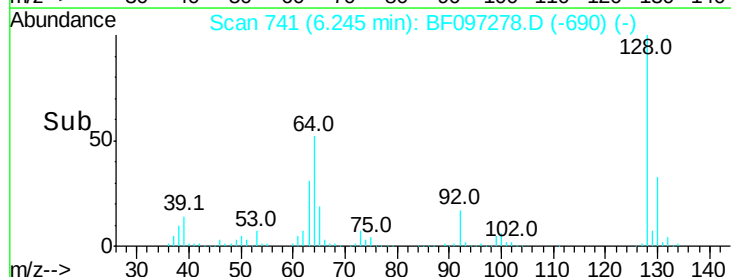
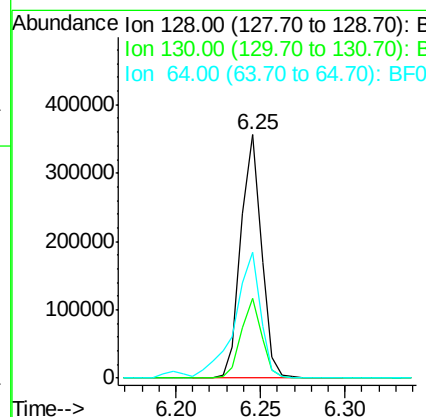
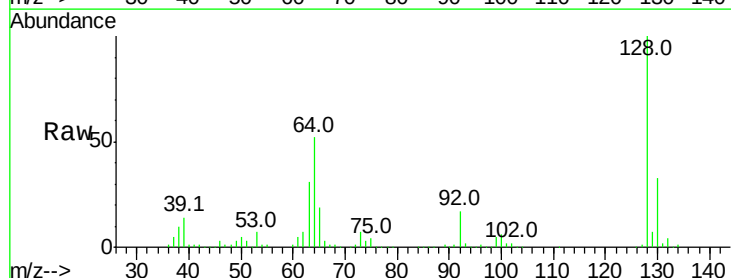
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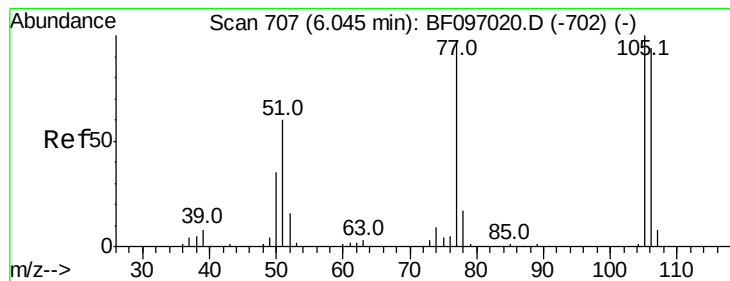
Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		303043		
130	32.5	12.9	52.9		
64	51.8	28.4	68.4		





#9

Benzaldehyde

Concen: 34.113 ng

RT: 5.99 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF097278.D

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Instrument :

BNA_F

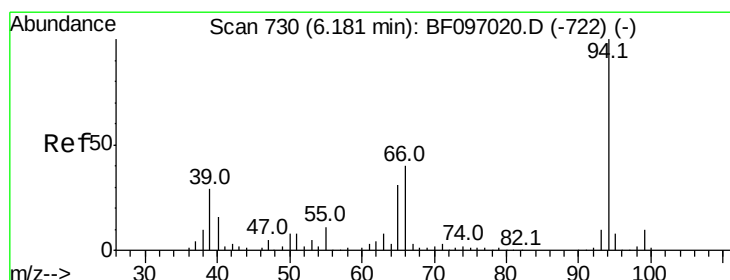
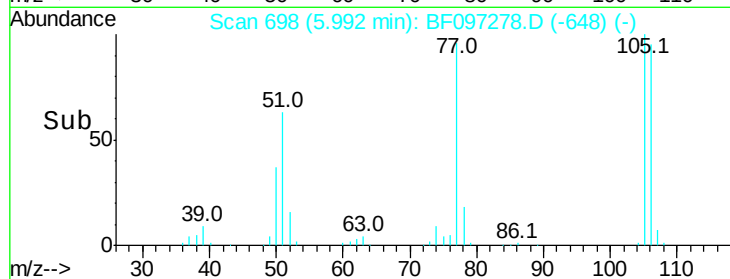
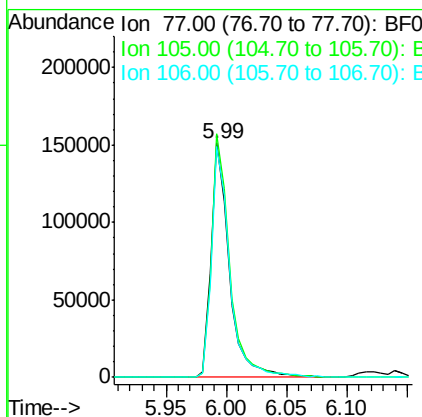
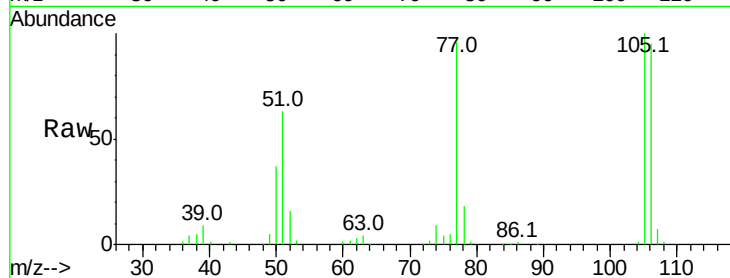
ClientSampleId :

PB101158BS

Tot Ion:	77	Resp:	156874
Ion	Ratio	Lower	Upper
77	100		
105	103.8	83.8	123.8
106	98.4	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 40.023 ng

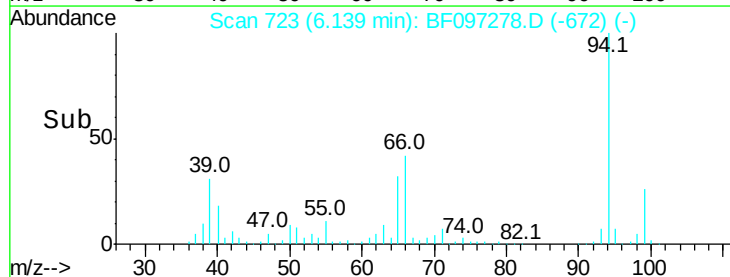
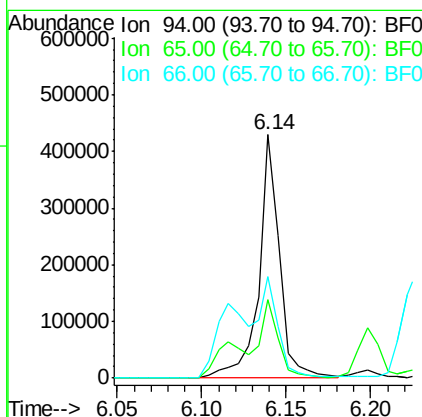
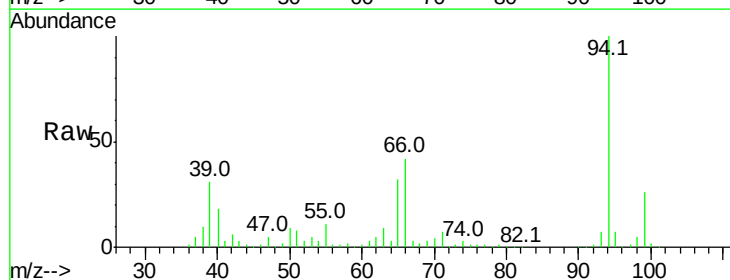
RT: 6.14 min Scan# 723

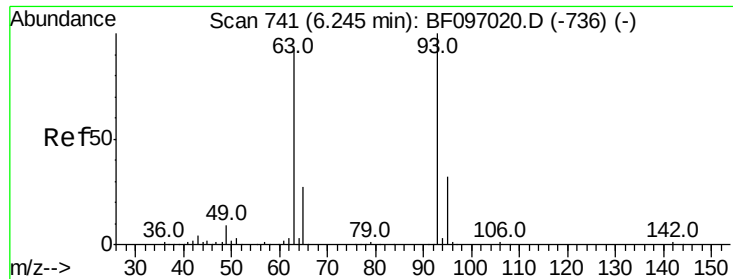
Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Tgt Ion:	94	Resp:	368831
Ion	Ratio	Lower	Upper
94	100		
65	32.2	9.9	49.9
66	42.0	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 38.680 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Instrument :

BNA_F

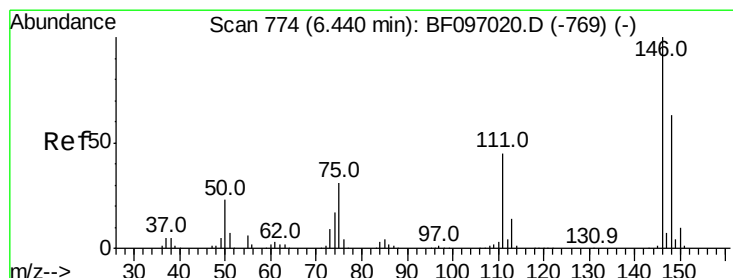
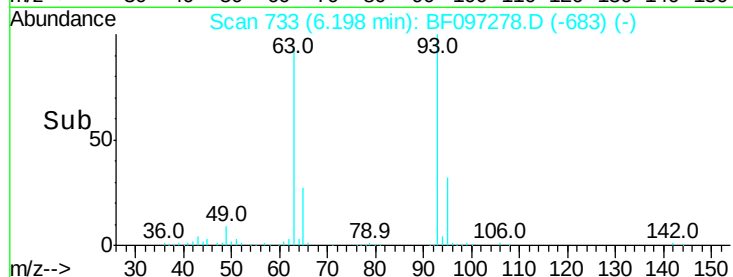
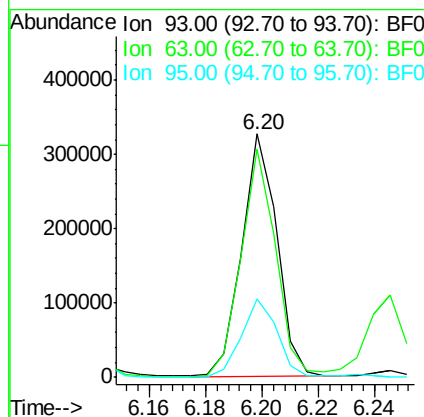
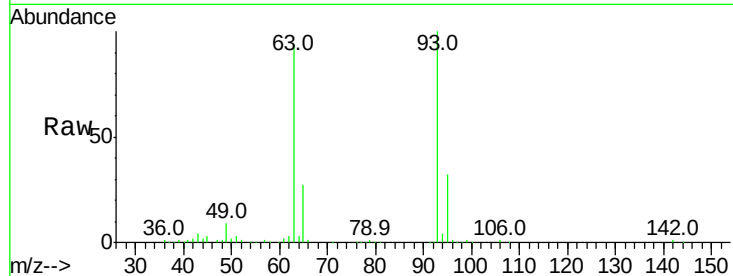
ClientSampleId :

PB101158BS

Tot Ion:	93	Resp:	281921
Ion Ratio	Lower	Upper	
93	100		
63	93.6	59.2	99.2
95	32.5	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 44.015 ng

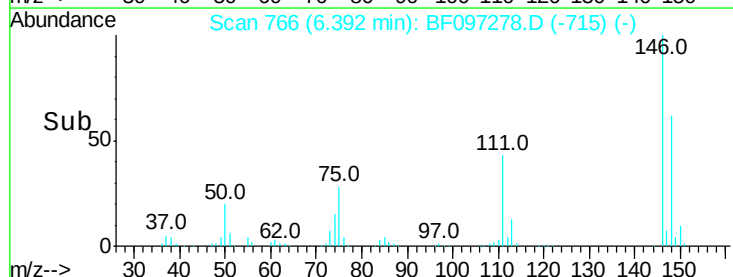
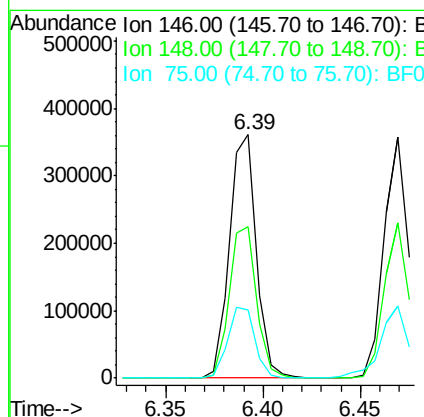
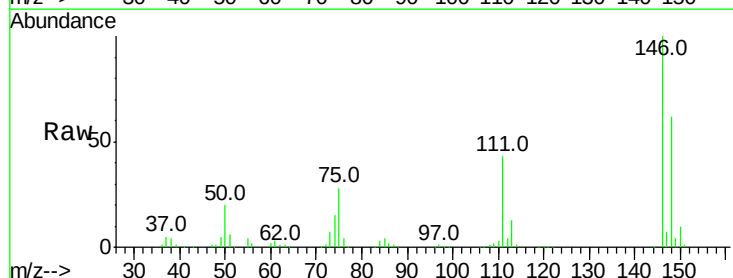
RT: 6.39 min Scan# 766

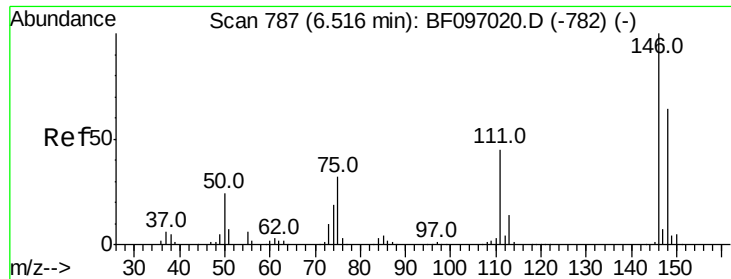
Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Tgt Ion:	146	Resp:	345171
Ion Ratio	Lower	Upper	
146	100		
148	62.4	51.8	77.6
75	28.0	23.1	34.7





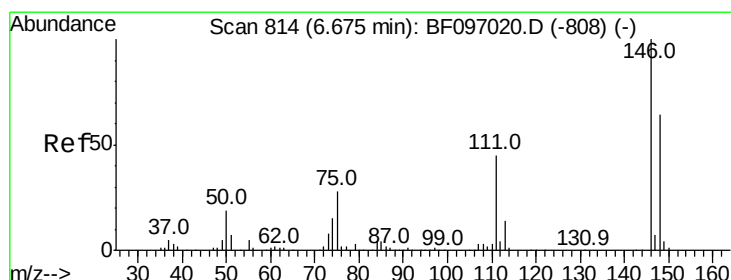
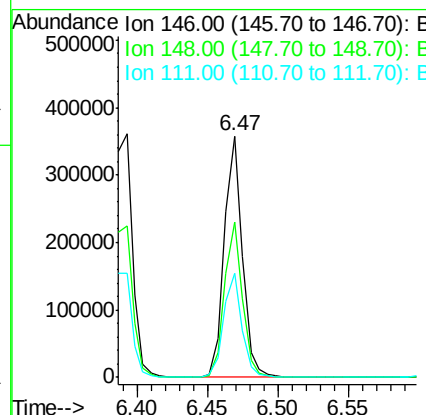
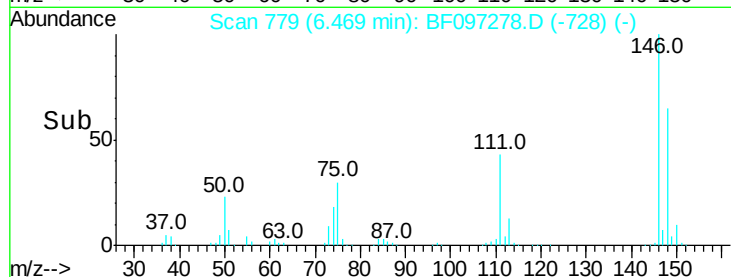
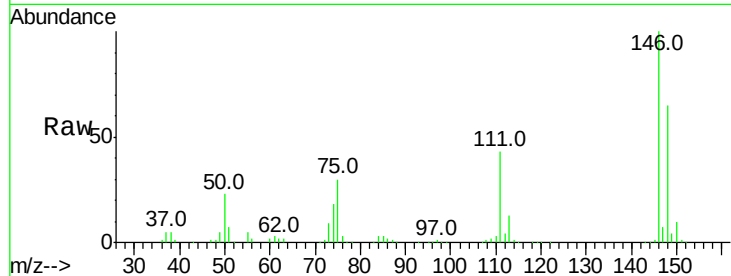
#13
 1,4-Dichlorobenzene
 Concen: 41.124 ng
 RT: 6.47 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleID :
 PB101158BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	43.0	30.3	45.5

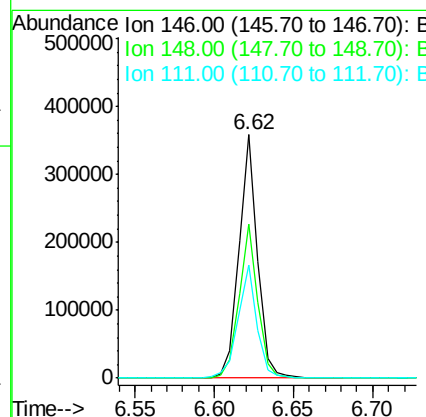
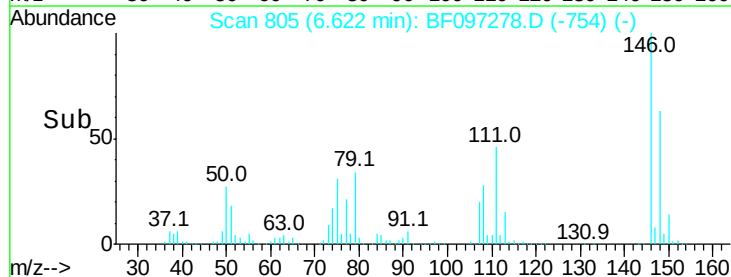
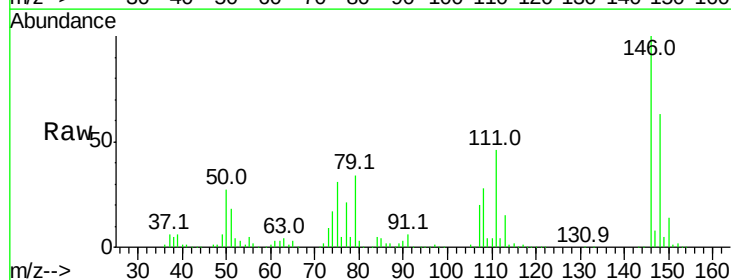
Manual Integrations
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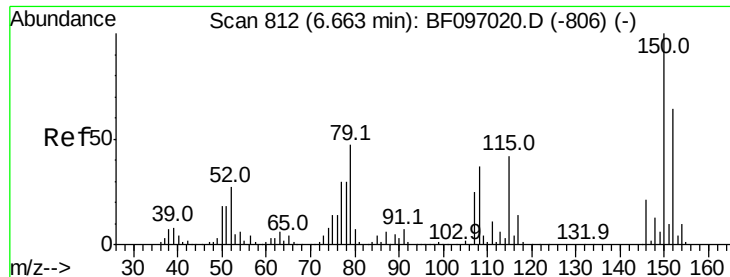
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#14
 1,2-Dichlorobenzene
 Concen: 42.958 ng
 RT: 6.62 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	46.2	38.2	57.4





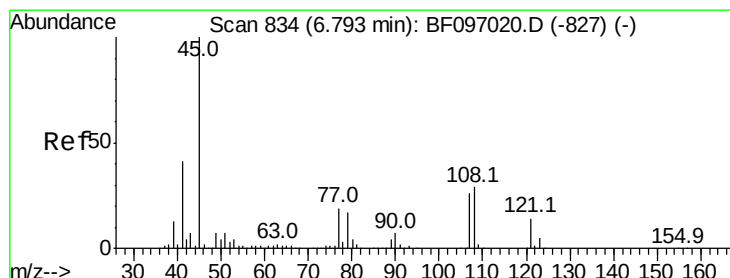
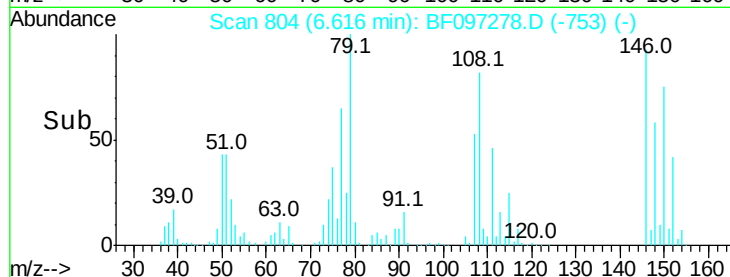
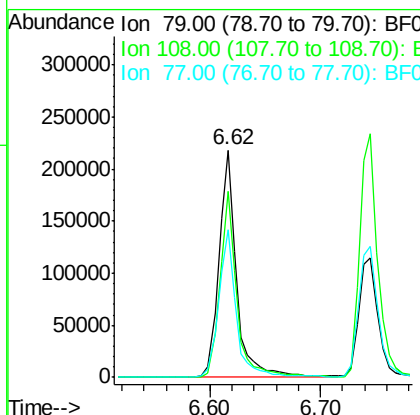
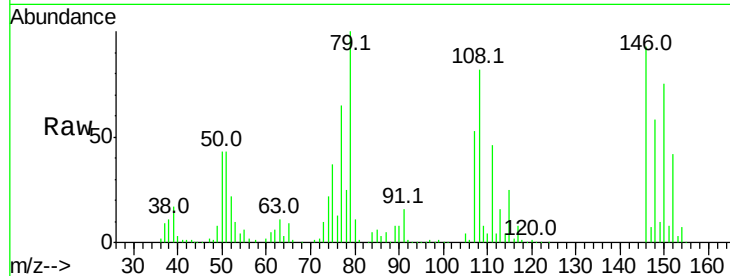
#15
Benzyl Alcohol
Concen: 49.515 ng
RT: 6.62 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Instrument :
BNA_F
ClientSampleId :
PB101158BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	243557		
108	81.6	63.4	95.0	
77	64.8	49.2	73.8	

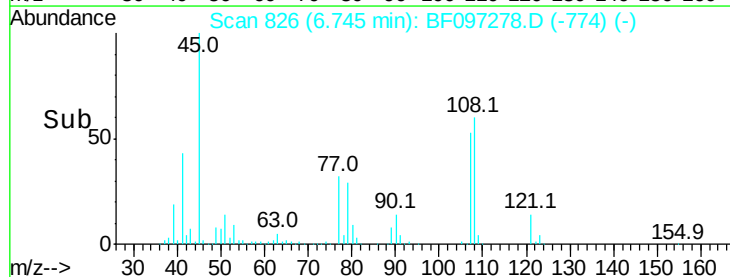
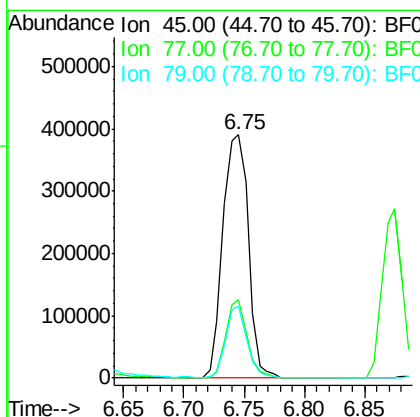
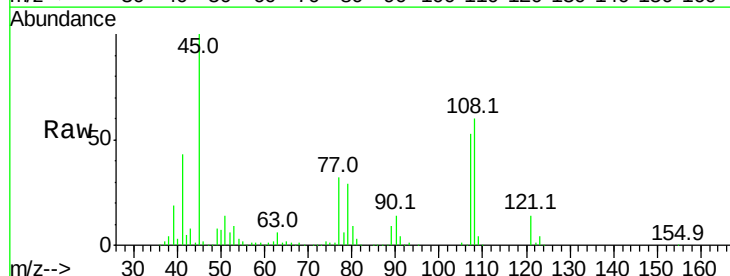
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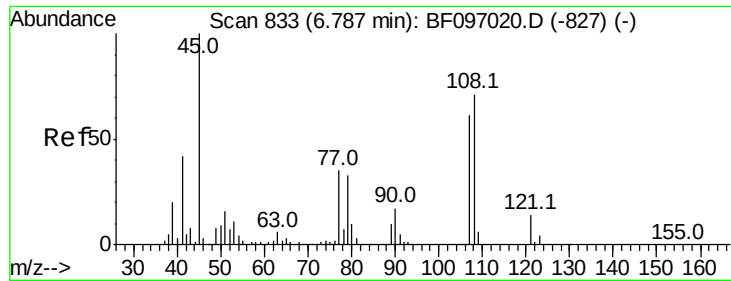
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.990 ng
RT: 6.75 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	569983		
77	32.1	0.0	33.2	
79	29.4	0.0	30.0	





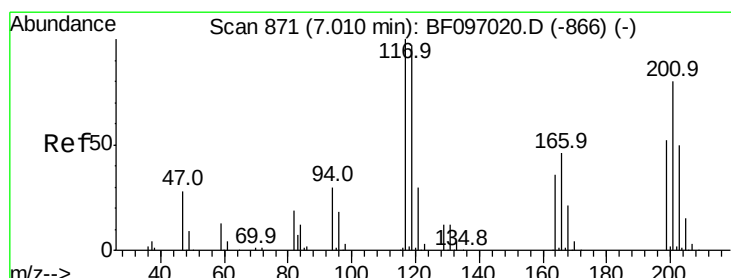
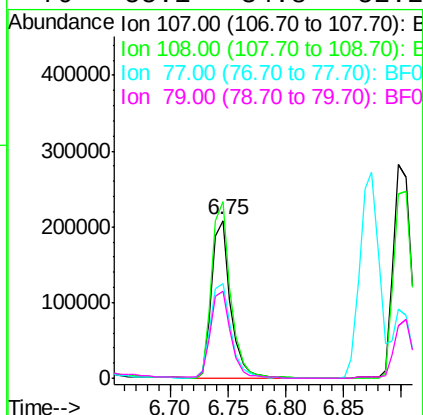
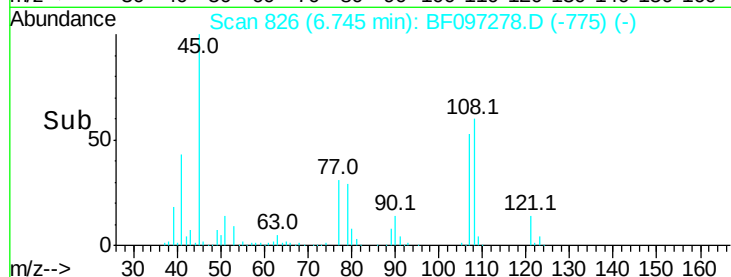
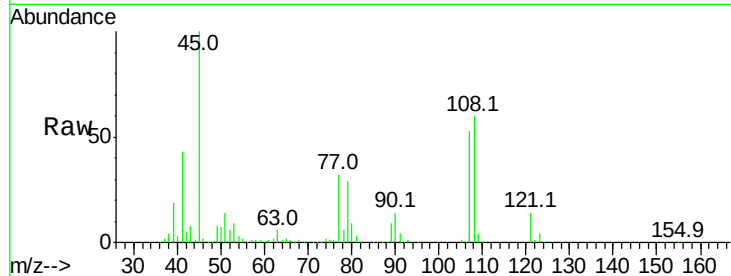
#17
2-Methylphenol
Concen: 42.076 ng
RT: 6.75 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Instrument :
BNA_F
ClientSampleId :
PB101158BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.4	93.4	140.0
77	60.2	35.8	53.6#
79	55.1	34.8	52.2#

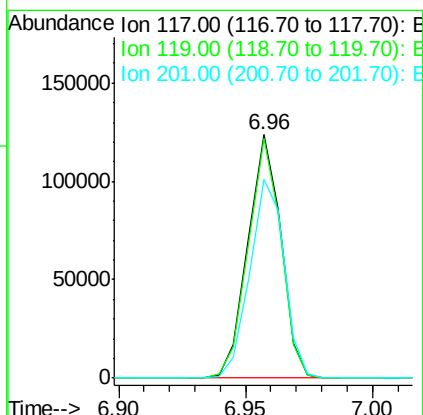
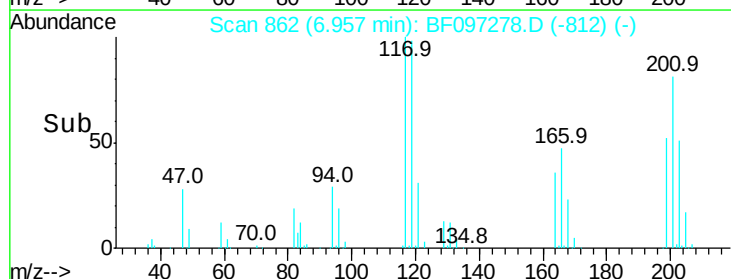
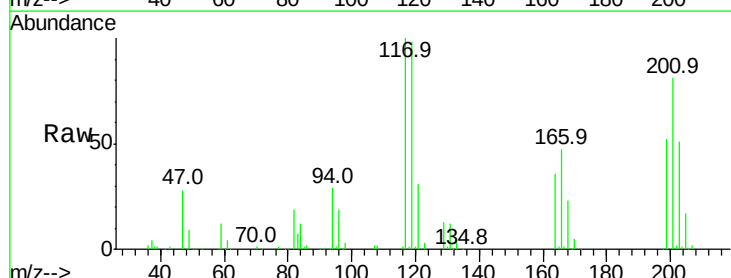
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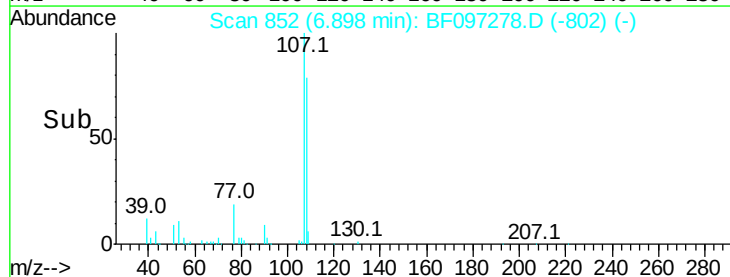
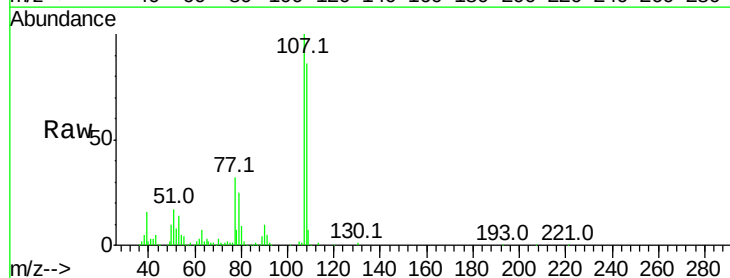
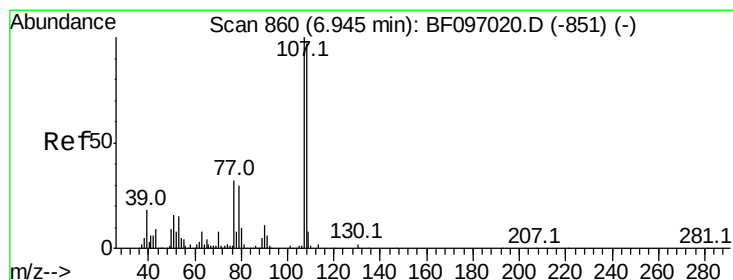
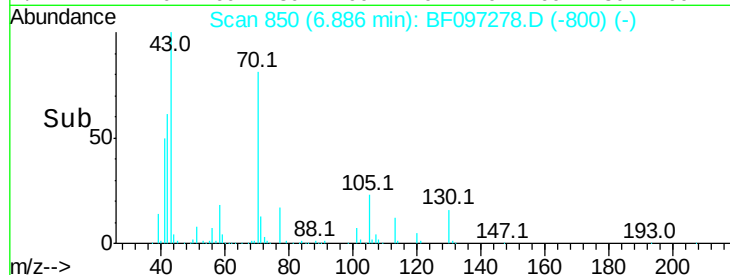
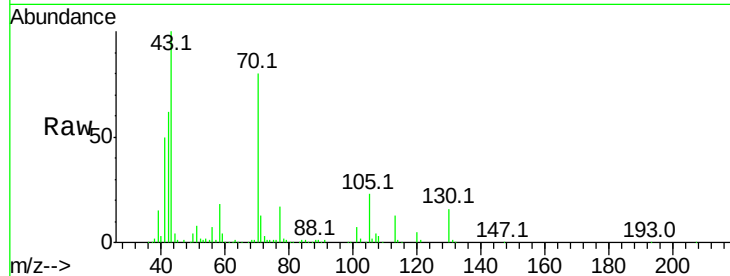
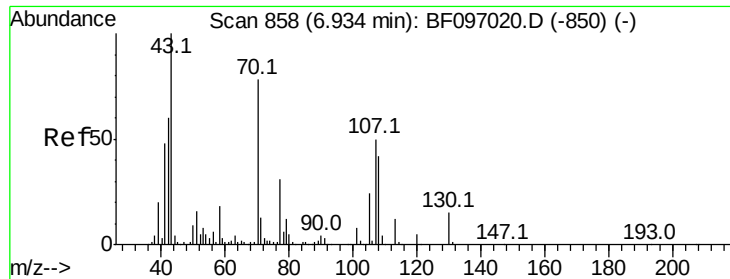
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#18
Hexachloroethane
Concen: 39.636 ng
RT: 6.96 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.4	116.0
201	81.4	94.6	141.8#





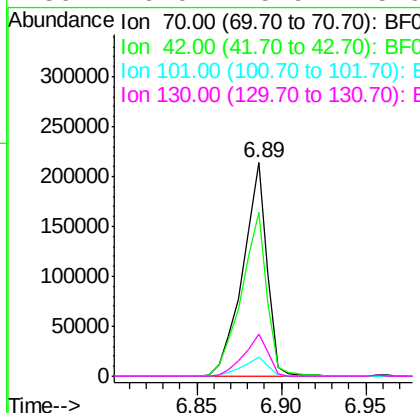
#19
n-Nitroso-di-n-propylamine
Concen: 41.808 ng
RT: 6.89 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Instrument :
BNA_F
ClientSampleId :
PB101158BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	77.0	47.2	70.8#		
101	8.9	7.2	10.8		
130	20.0	15.9	23.9		

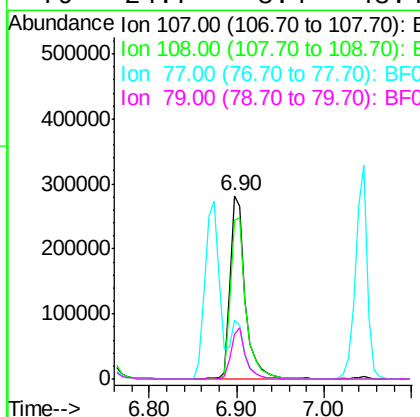
Manual Integrations
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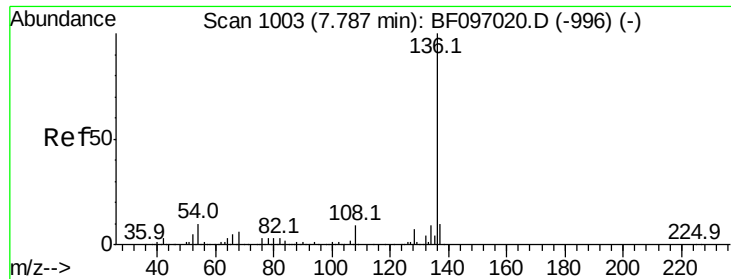
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#20
3+4-Methylphenols
Concen: 45.197 ng
RT: 6.90 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.3	71.0	111.0		
77	32.2	90.5	130.5#		
79	24.7	8.4	48.4		





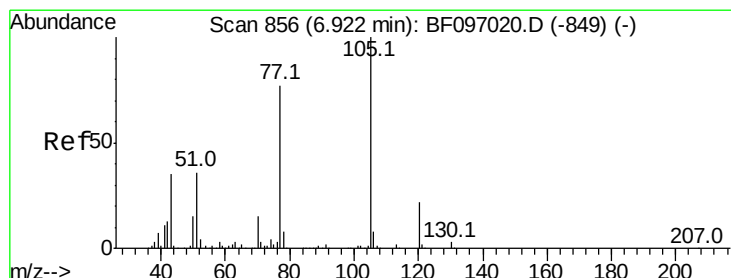
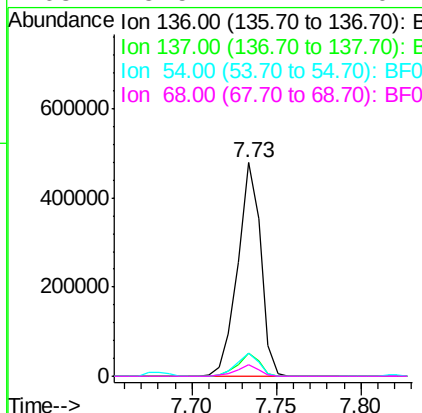
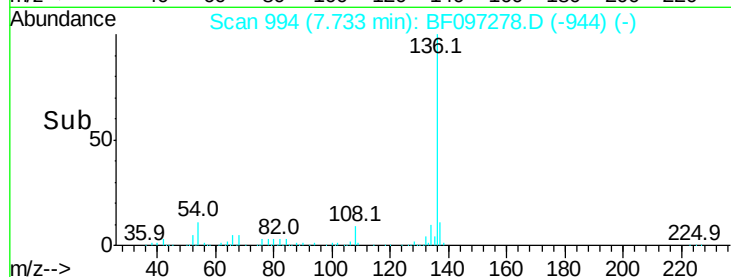
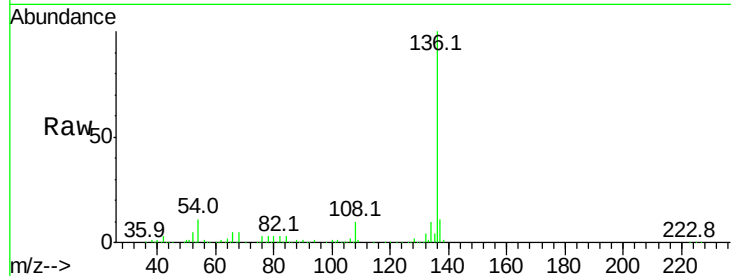
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Instrument :
BNA_F
ClientSampleId :
PB101158BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	452258		
137	10.8		8.5	12.7
54	10.8		4.9	7.3#
68	5.5		4.1	6.1

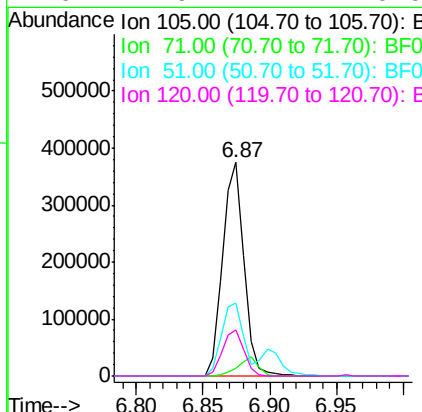
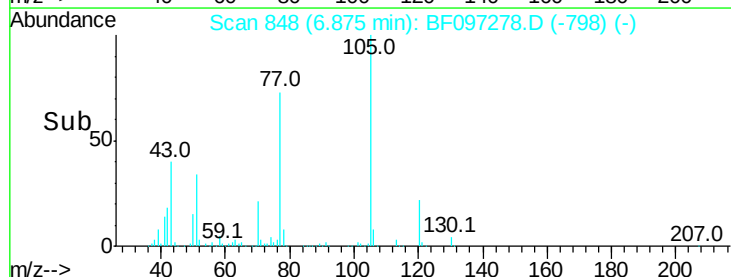
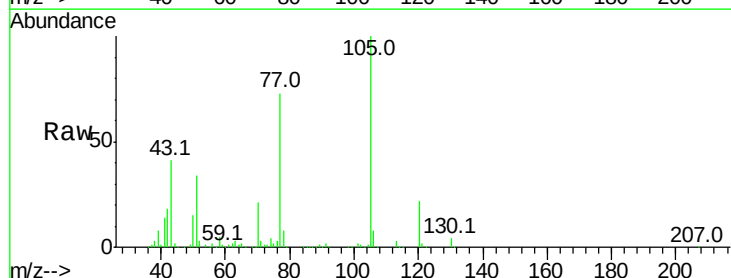
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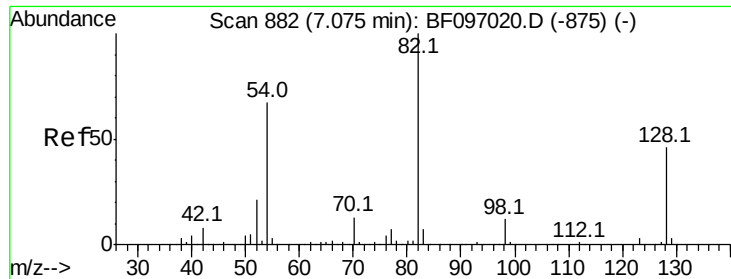
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#22
Acetophenone
Concen: 39.093 ng
RT: 6.87 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	424587		
71	3.4		2.8	4.2
51	34.1		30.7	46.1
120	21.9		17.4	26.0





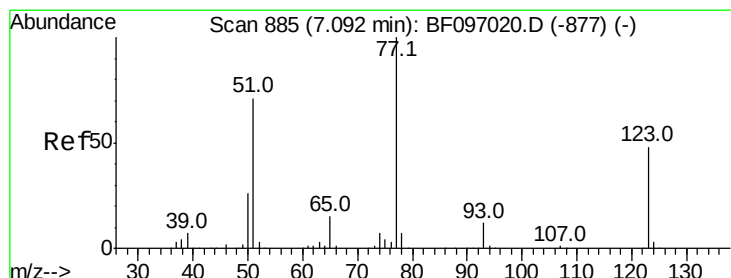
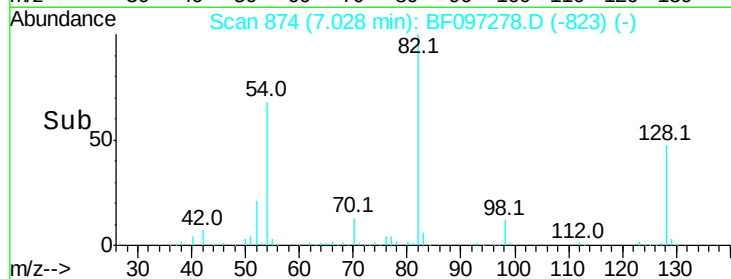
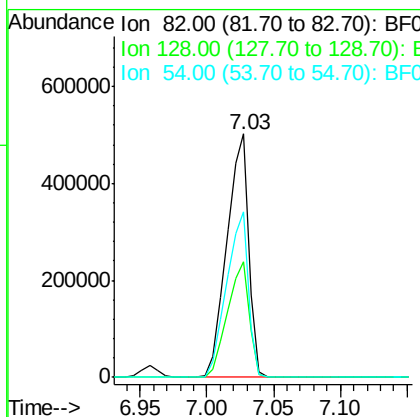
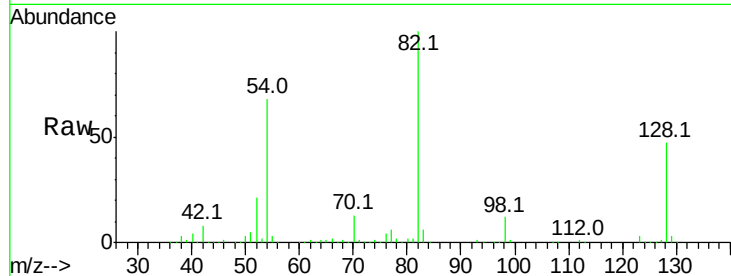
#23
 Nitrobenzene-d5
 Concen: 75.469 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	67.9	42.2	63.2

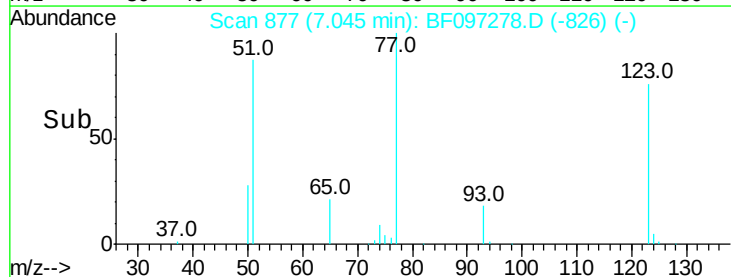
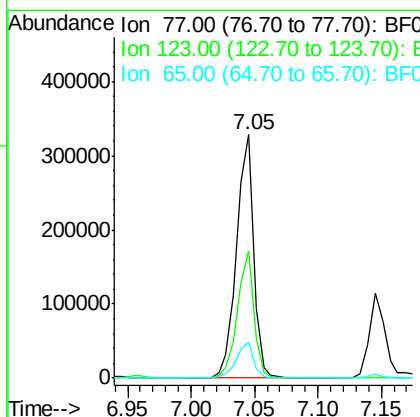
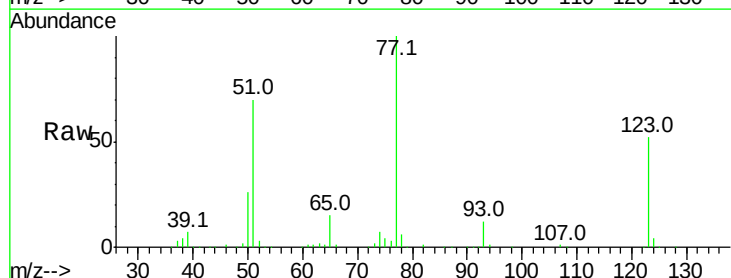
Manual Integrations
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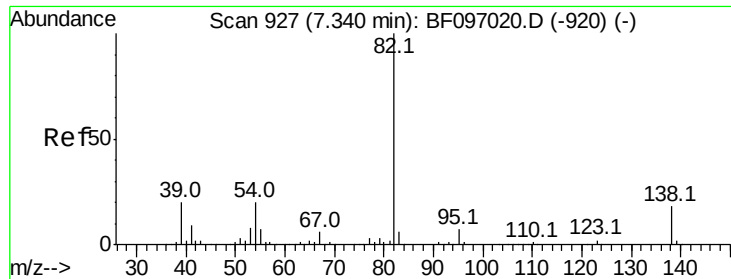
Sohil
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#24
 Nitrobenzene
 Concen: 38.140 ng
 RT: 7.05 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.4	35.8	53.8
65	15.0	10.6	15.8





#25

Isophorone

Concen: 37.750 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Instrument :

BNA_F

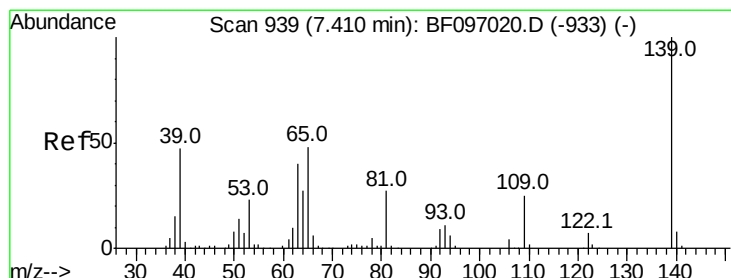
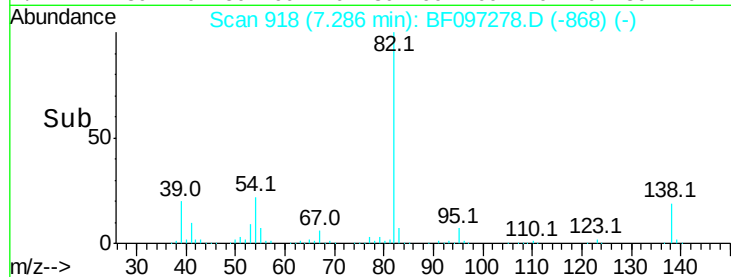
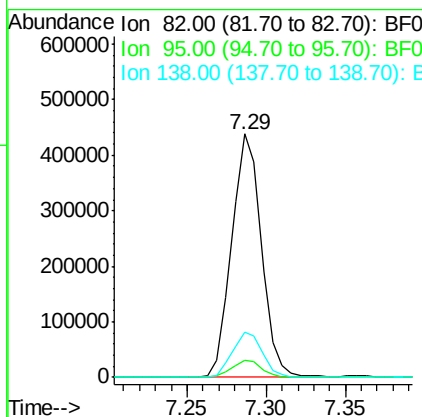
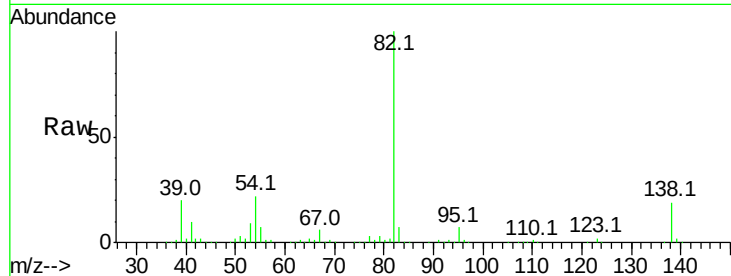
ClientSampleId :

PB101158BS

Tot Ion:	82	Resp:	569944
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	18.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.346 ng

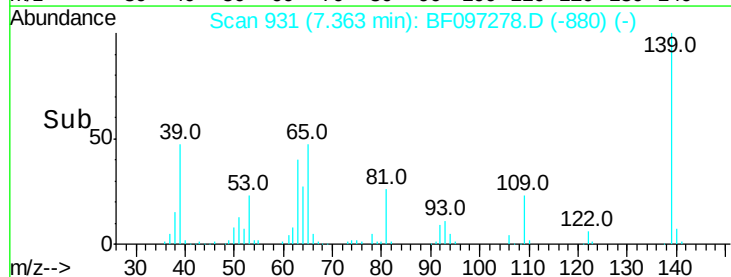
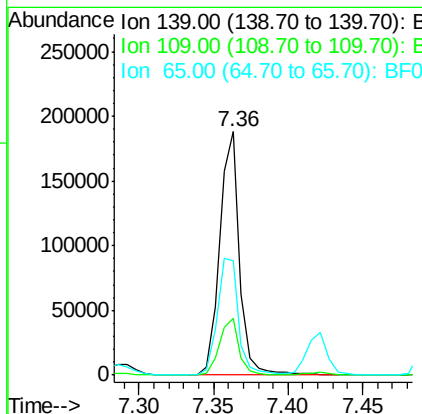
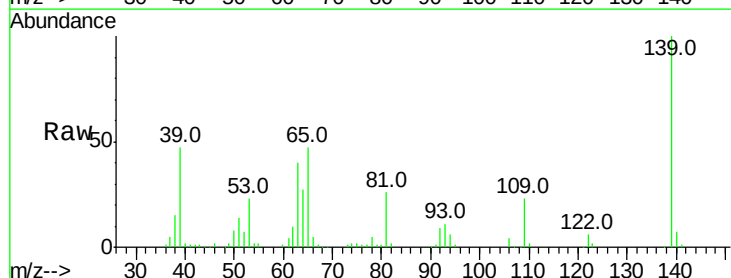
RT: 7.36 min Scan# 931

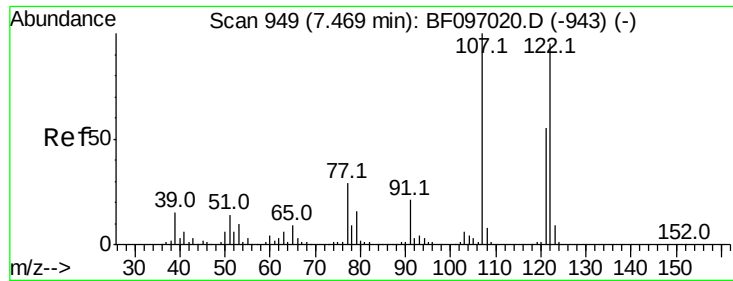
Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Tgt Ion:	139	Resp:	175259
Ion Ratio	Lower	Upper	
139	100		
109	23.1	21.0	31.6
65	47.2	33.0	49.6





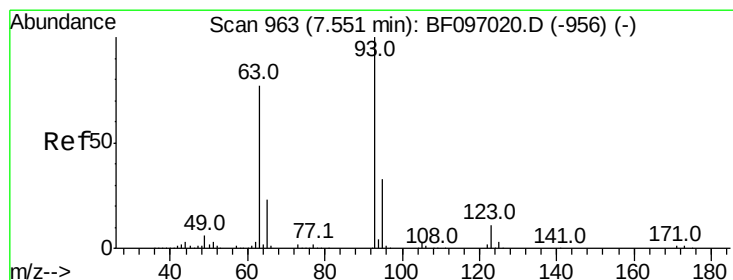
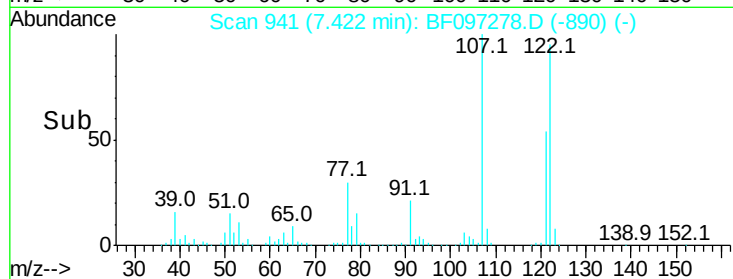
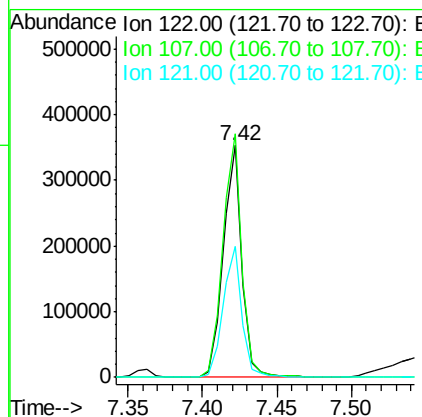
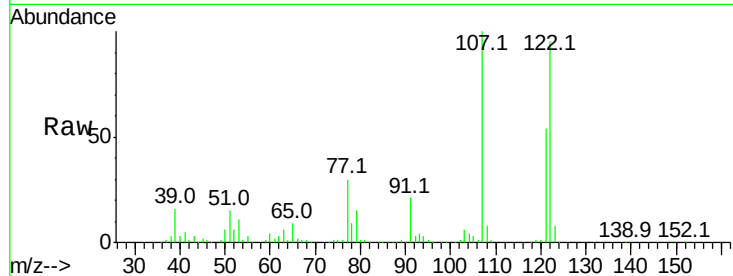
#27
 2,4-Dimethylphenol
 Concen: 43.472 ng
 RT: 7.42 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.2	89.2	133.8
121	56.6	45.2	67.8

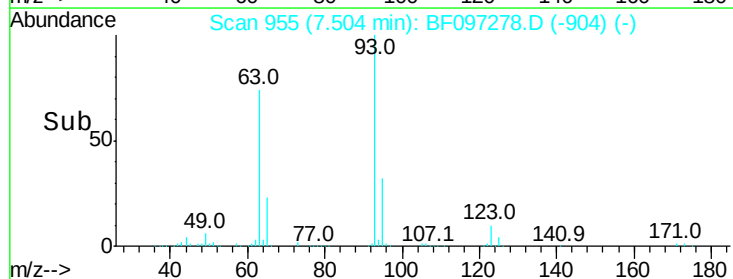
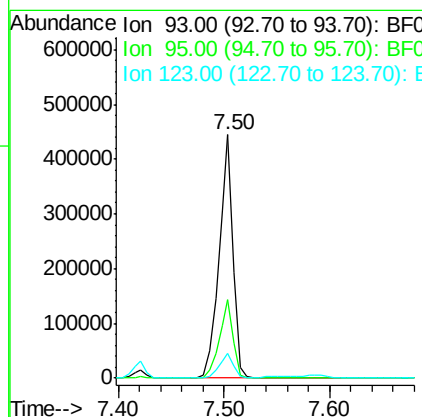
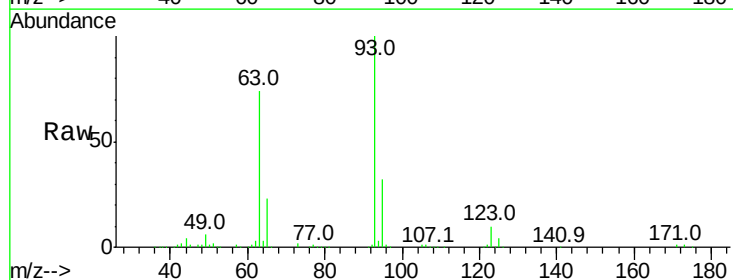
Manual Integrations
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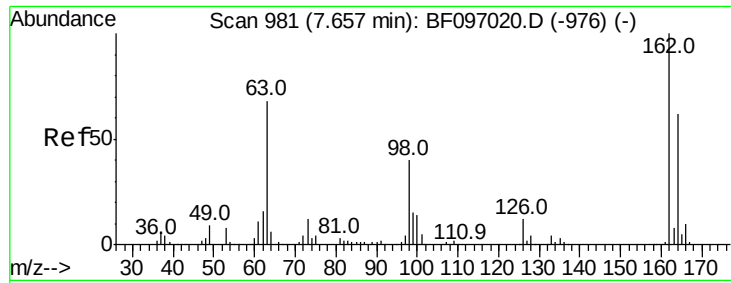
Sohil
 8/3/2017 6:08:05 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.206 ng
 RT: 7.50 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.5	39.7
123	9.9	9.0	13.4





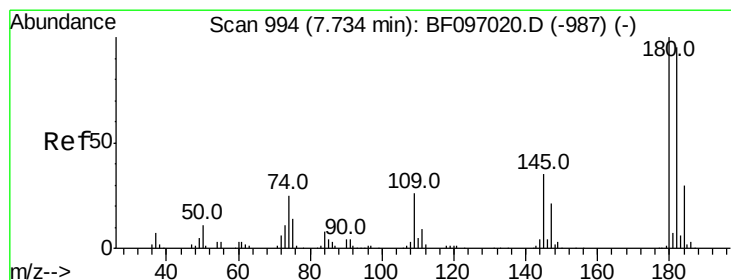
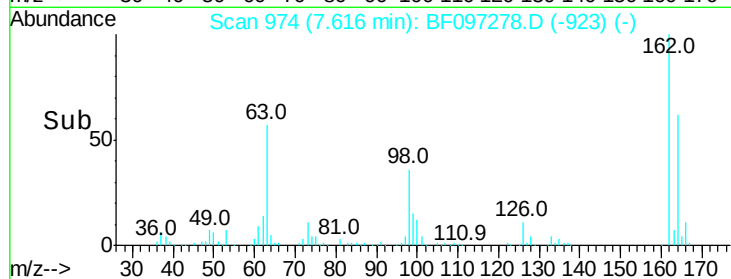
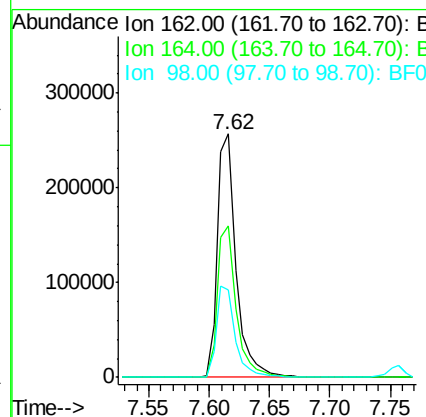
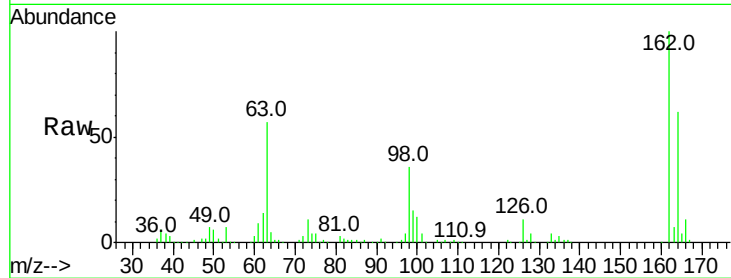
#29
 2,4-Dichlorophenol
 Concen: 44.025 ng
 RT: 7.62 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	271770		
164	62.3	44.6	84.6	
98	36.1	14.8	54.8	

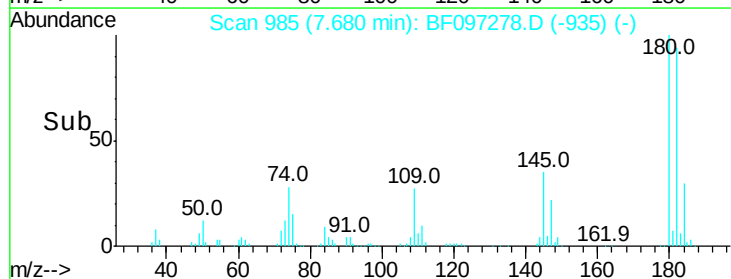
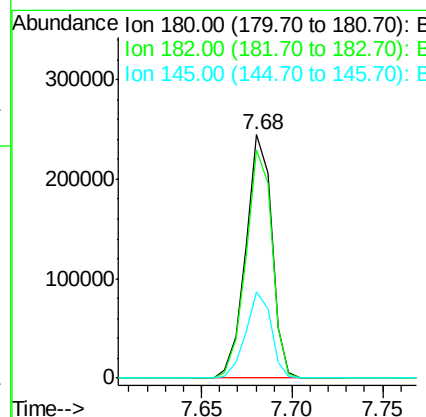
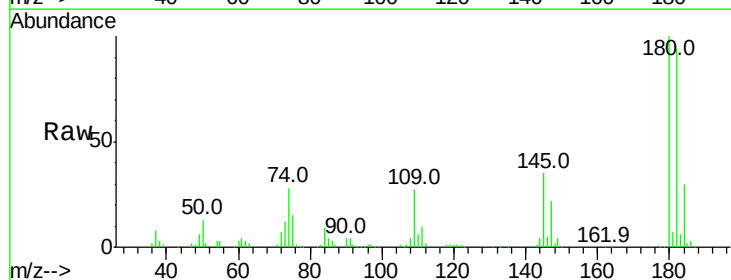
Manual Integrations
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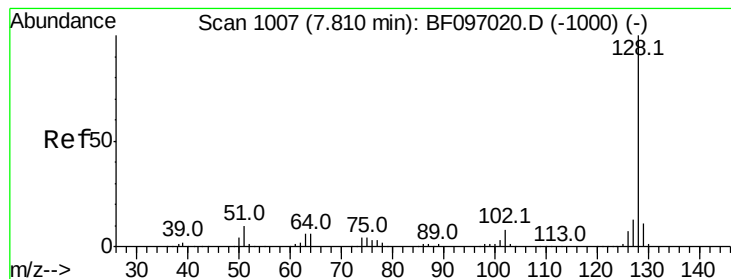
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.505 ng
 RT: 7.68 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	244216		
182	93.7	75.8	113.6	
145	35.4	25.3	37.9	





#31

Naphthalene

Concen: 40.294 ng

RT: 7.76 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Instrument :

BNA_F

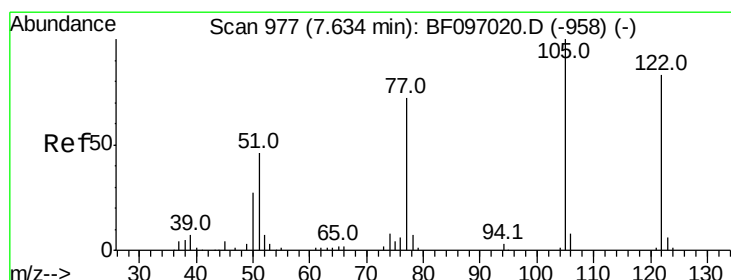
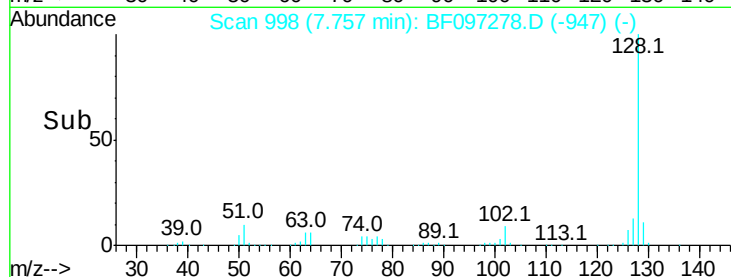
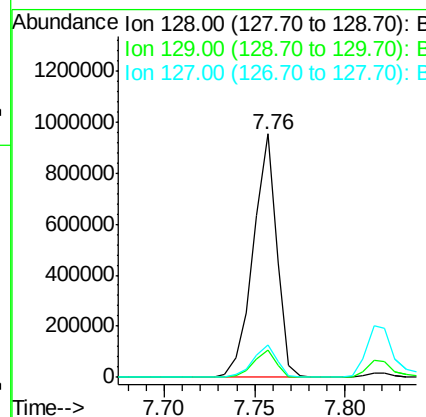
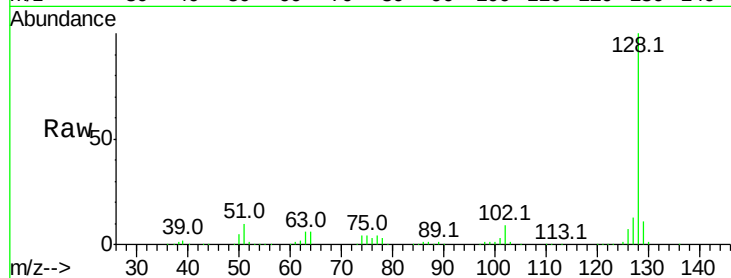
ClientSampleId :

PB101158BS

Tot Ion:	128	Resp:	859015
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.0	13.6
127	13.3	10.8	16.2

Manual Integrations
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#32

Benzoic acid

Concen: 39.529 ng

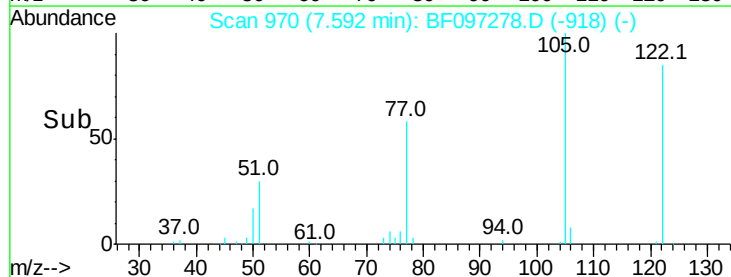
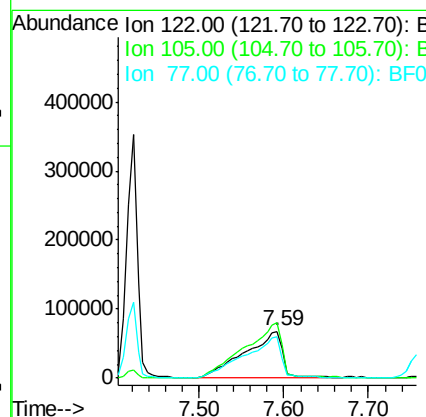
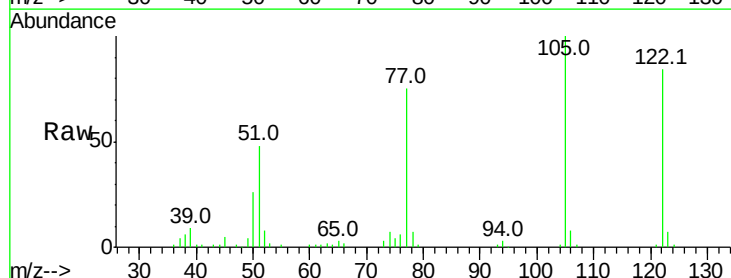
RT: 7.59 min Scan# 970

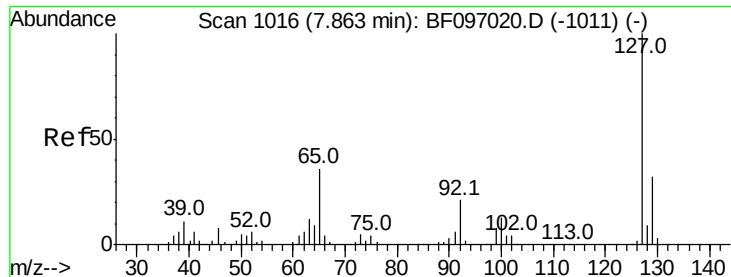
Delta R.T. 0.01 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Tgt Ion:	122	Resp:	211508
Ion Ratio	Lower	Upper	
122	100		
105	118.3	103.3	143.3
77	89.2	73.7	113.7





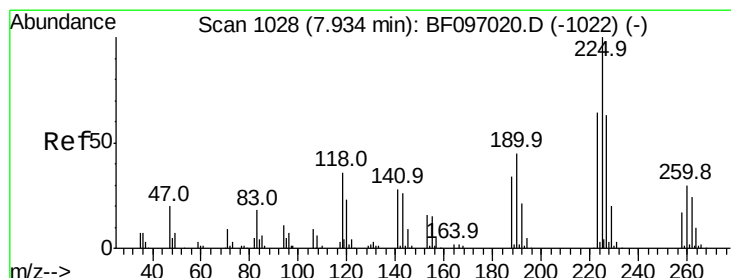
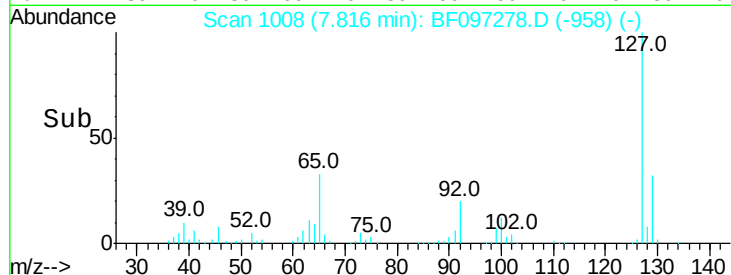
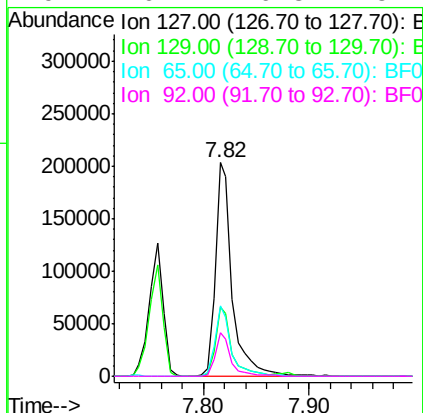
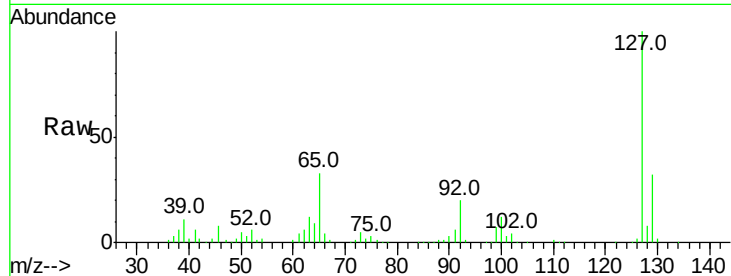
#33
4-Chloroaniline
Concen: 26.164 ng
RT: 7.82 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Instrument :
BNA_F
ClientSampleId :
PB101158BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.2	39.2		
65	33.2	27.8	41.8		
92	20.1	16.8	25.2		

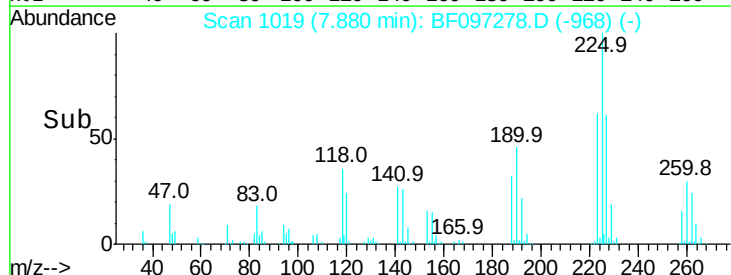
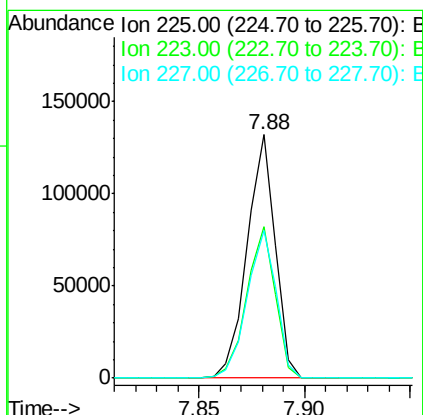
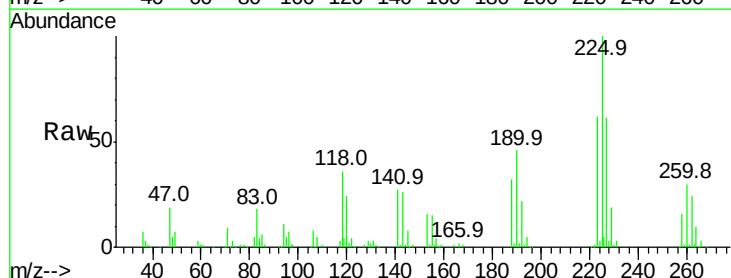
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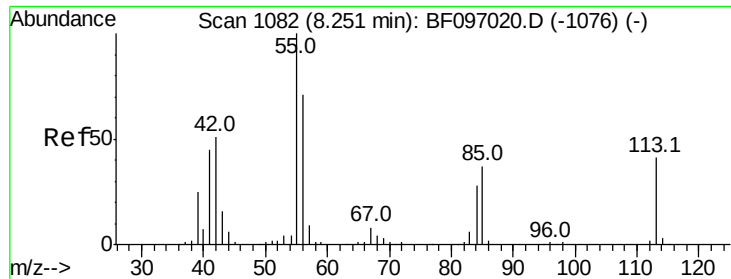
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#34
Hexachlorobutadiene
Concen: 39.173 ng
RT: 7.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	48.8	73.2		
227	60.5	51.1	76.7		





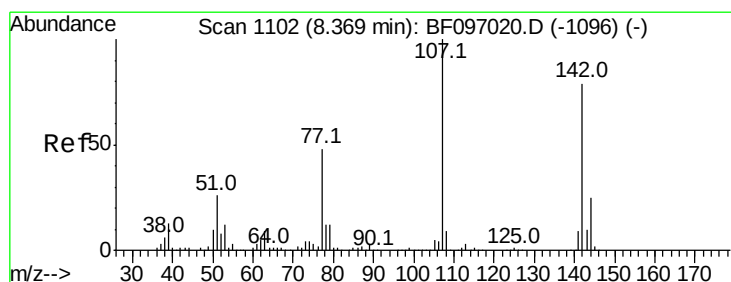
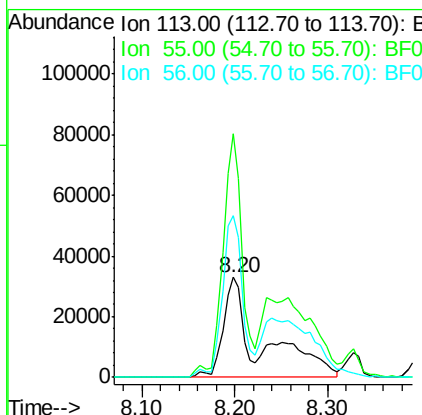
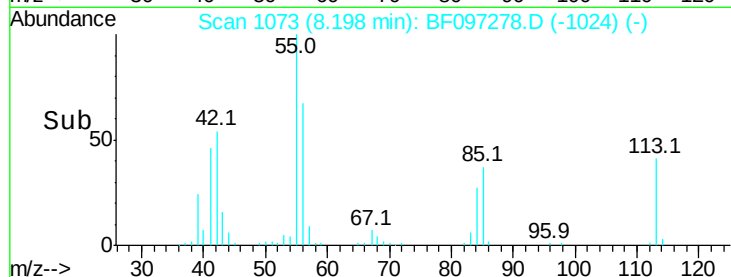
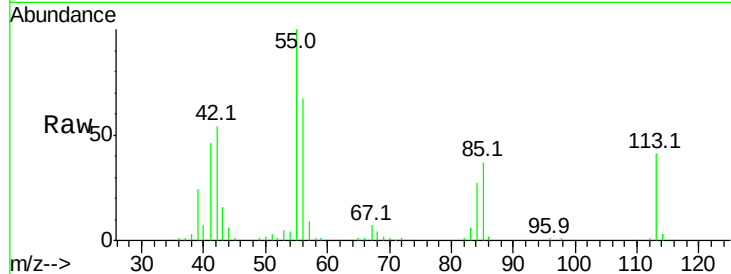
#35
 Caprolactam
 Concen: 46.126 ng/ml
 RT: 8.20 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleID :
 PB101158BS

Tot Ion:113 Resp: 91302
 Ion Ratio Lower Upper
 113 100
 55 243.1 150.2 190.2#
 56 162.0 107.8 147.8#

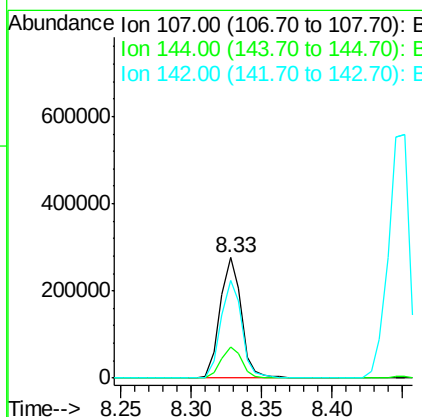
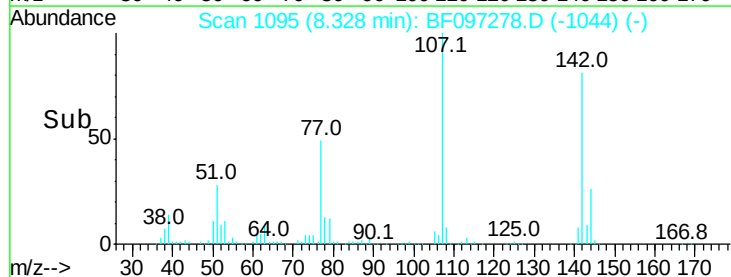
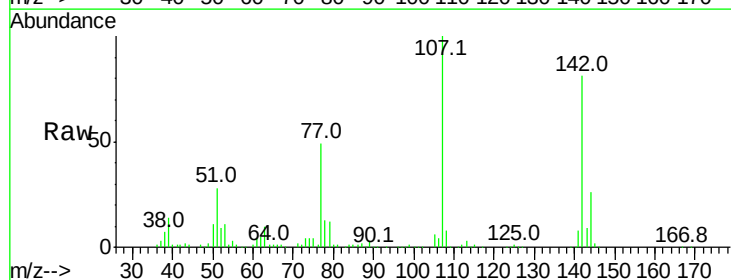
Manual Integrations
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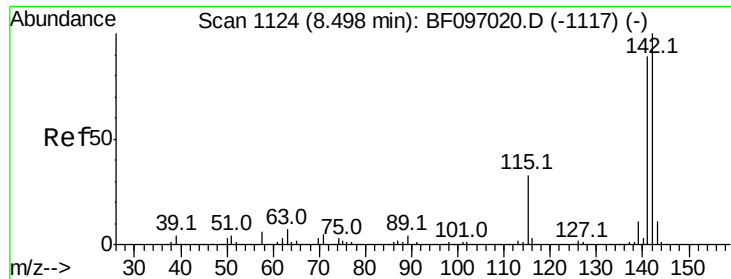
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#36
 4-Chloro-3-methylphenol
 Concen: 43.039 ng/ml
 RT: 8.33 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion:107 Resp: 289854
 Ion Ratio Lower Upper
 107 100
 144 25.8 24.2 36.4
 142 80.9 73.4 110.0





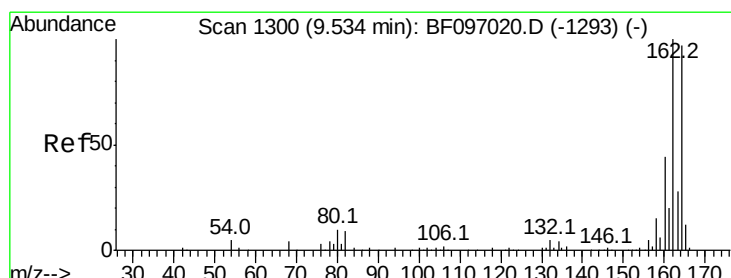
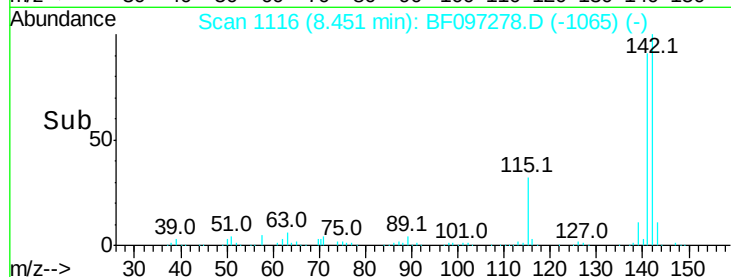
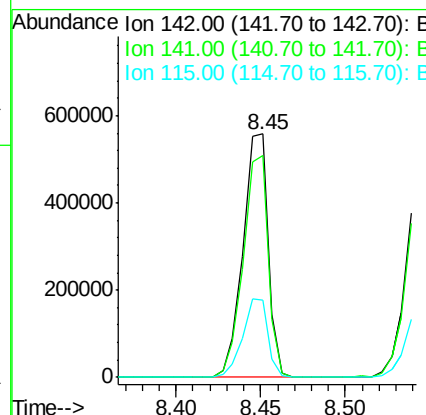
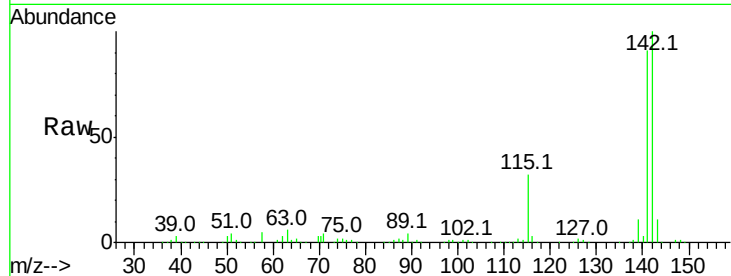
#37
2-Methylnaphthalene
Concen: 43.245 ng
RT: 8.45 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Instrument :
BNA_F
ClientSampleId :
PB101158BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	583728		
141	91.1	71.3	106.9	
115	31.8	27.1	40.7	

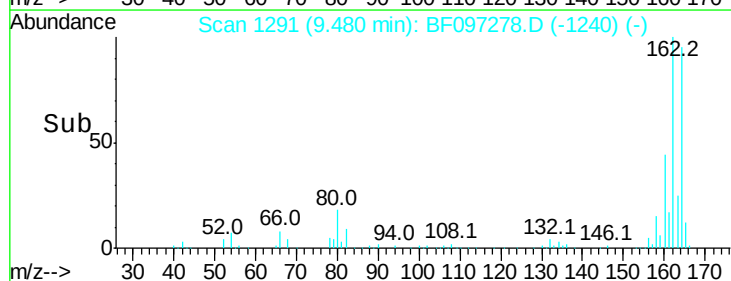
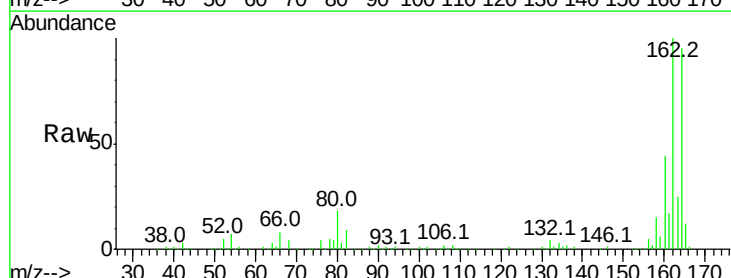
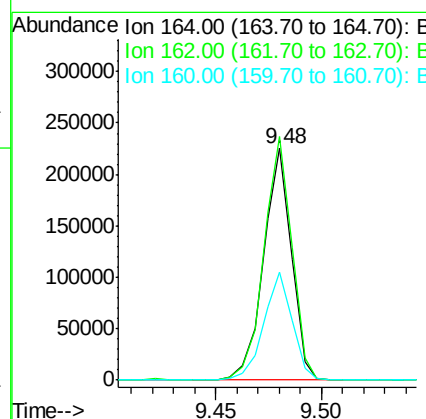
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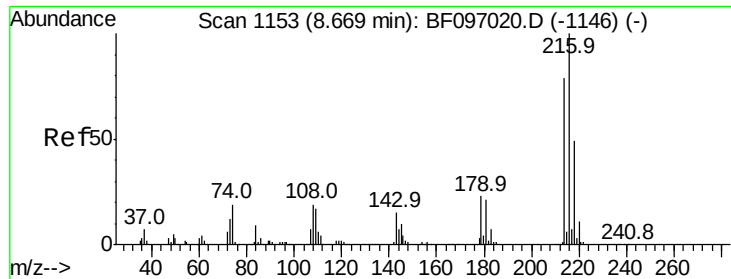
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.48 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	207209		
162	104.9	82.6	123.8	
160	46.5	36.2	54.2	





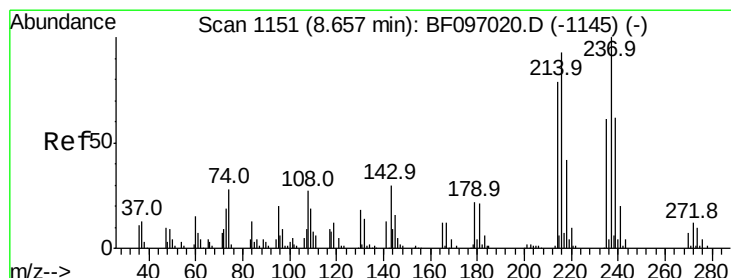
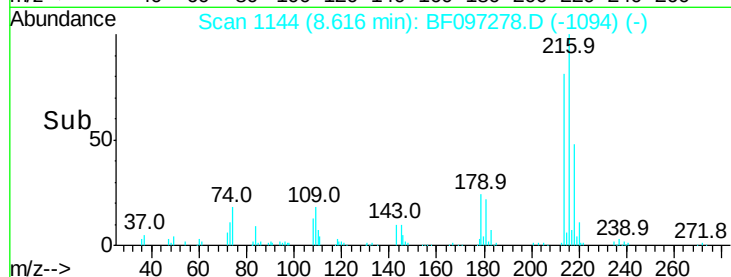
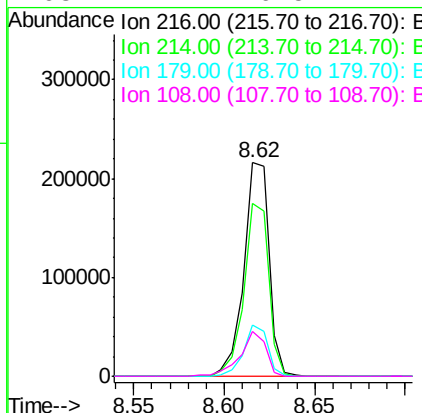
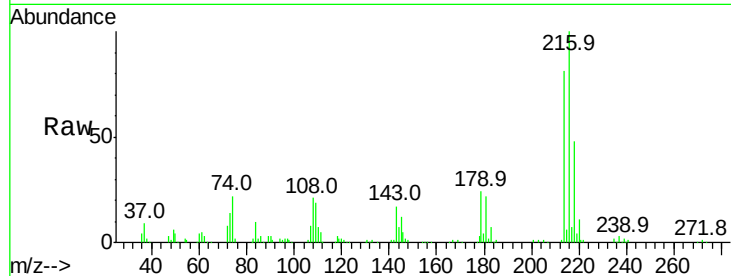
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.769 ng
 RT: 8.62 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	208818		
214	79.9	63.4	95.2	
179	22.7	17.9	26.9	
108	21.7	16.5	24.7	

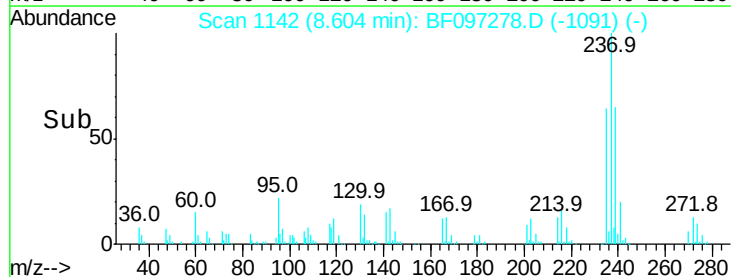
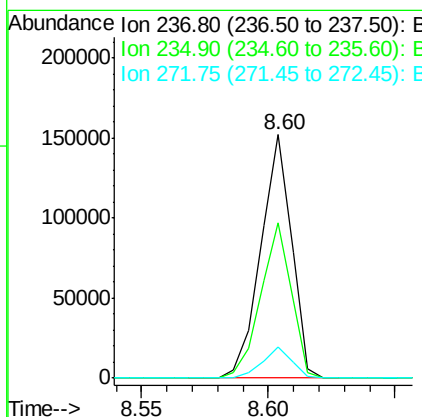
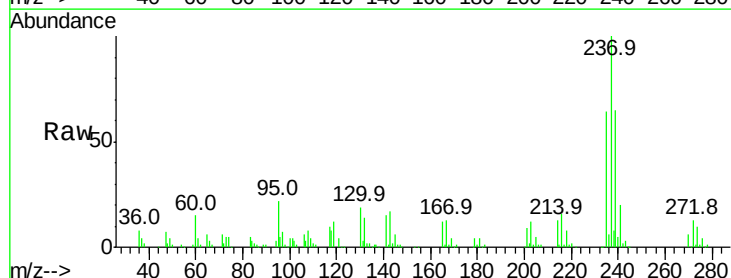
Manual Integrations
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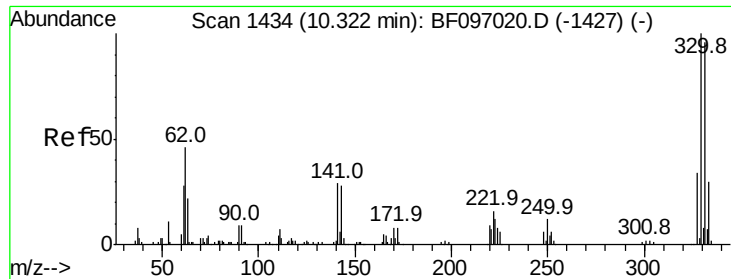
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#40
 Hexachlorocyclopentadiene
 Concen: 68.297 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	130012		
235	63.7	42.6	82.6	
272	12.7	0.0	31.9	





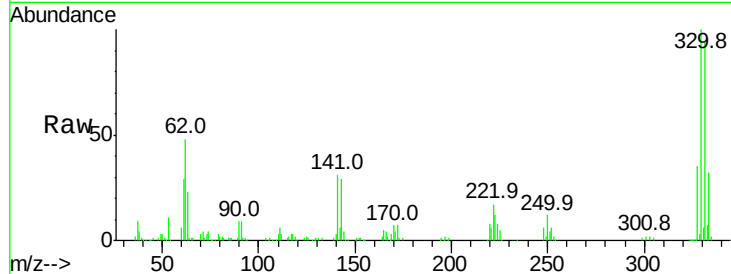
#41
 2,4,6-Tribromophenol
 Concen: 126.227 ng
 RT: 10.27 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BS

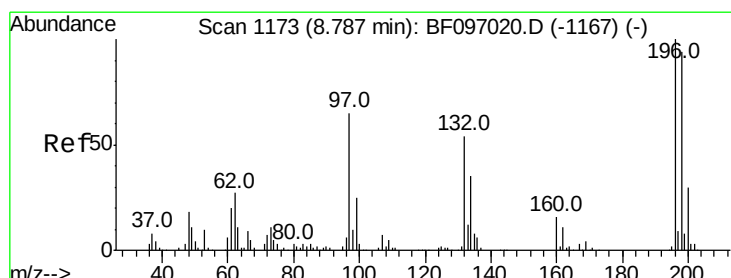
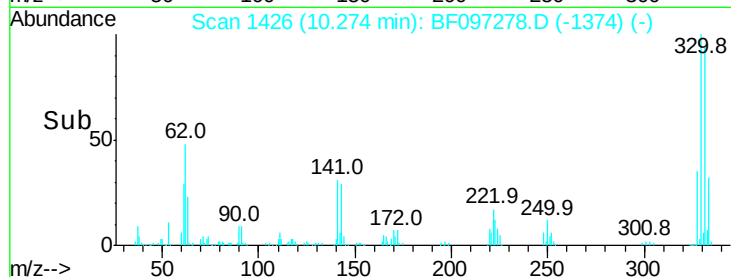
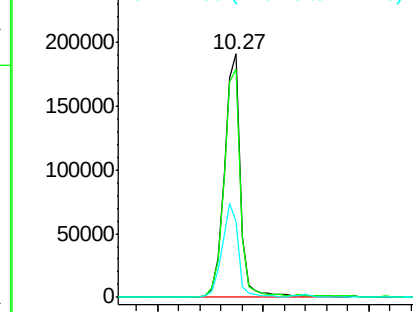
Tot Ion	Ratio	Resp	Lower	Upper
330	100	206653		
332	95.9	76.6	115.0	
141	38.9	31.4	47.2	

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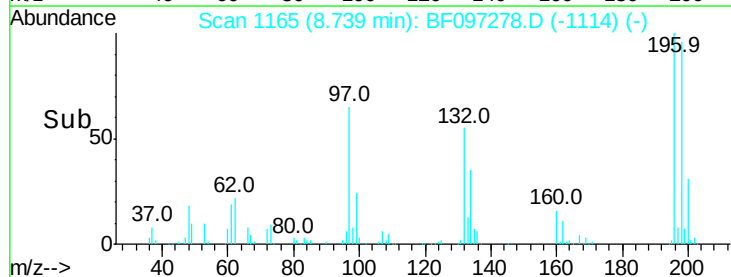
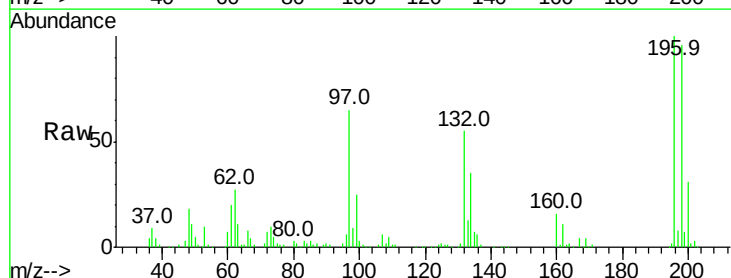
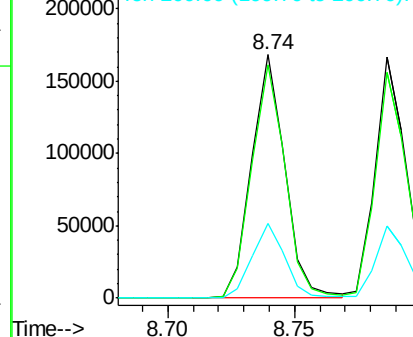
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

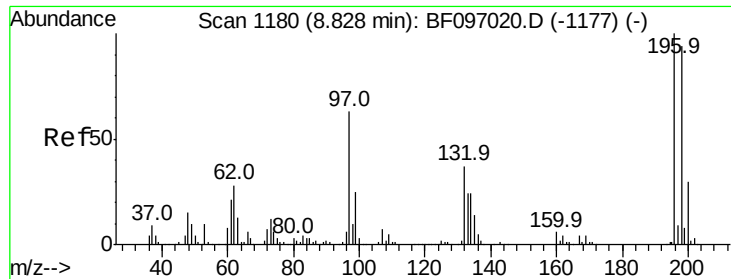


#42
 2,4,6-Trichlorophenol
 Concen: 38.637 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	154805		
198	95.7	74.2	111.4	
200	30.8	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





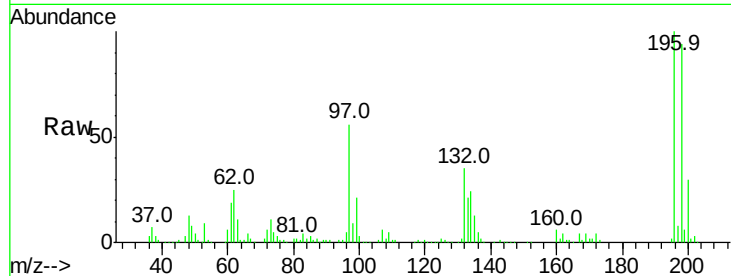
#43
 2,4,5-Trichlorophenol
 Concen: 38.956 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleID :
 PB101158BS

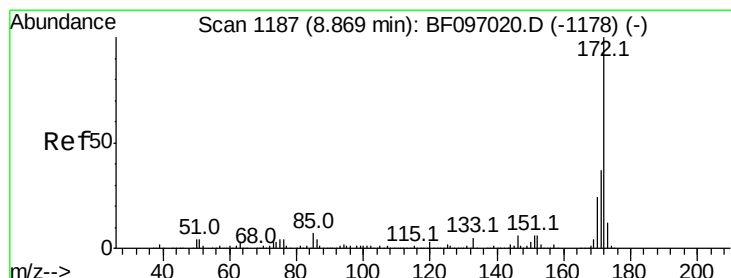
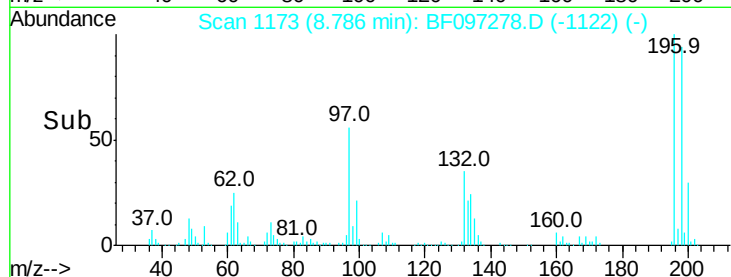
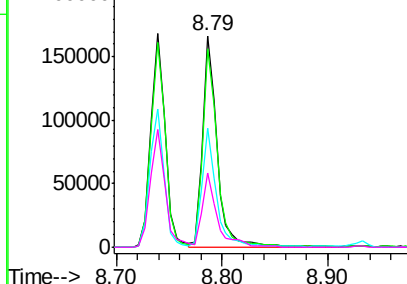
Tot Ion	196	Resp	156224
Ion Ratio	Lower	Upper	
196	100		
198	93.6	75.7	113.5
97	56.3	47.7	71.5
132	35.2	28.0	42.0

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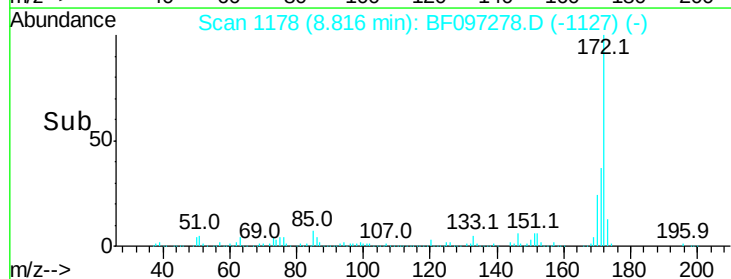
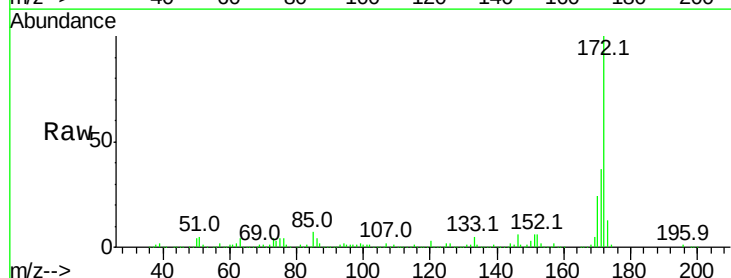
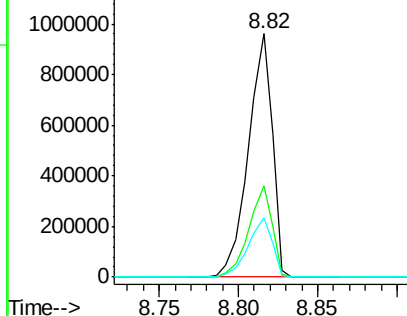
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

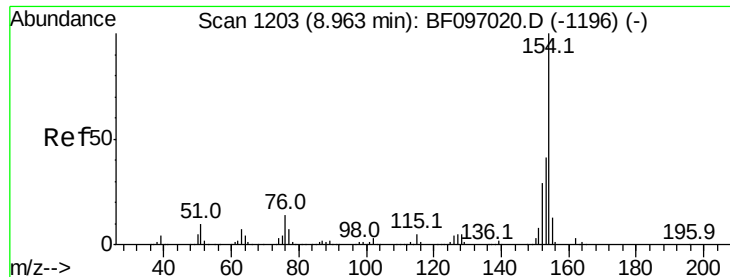


#44
 2-Fluorobiphenyl
 Concen: 82.123 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion	172	Resp	1002695
Ion Ratio	Lower	Upper	
172	100		
171	37.4	29.6	44.4
170	24.4	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





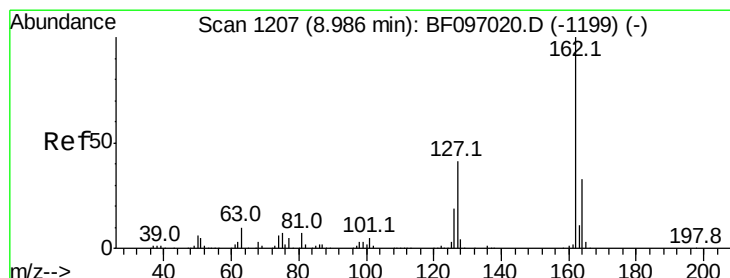
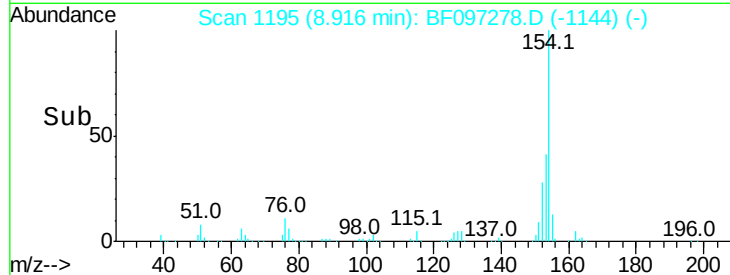
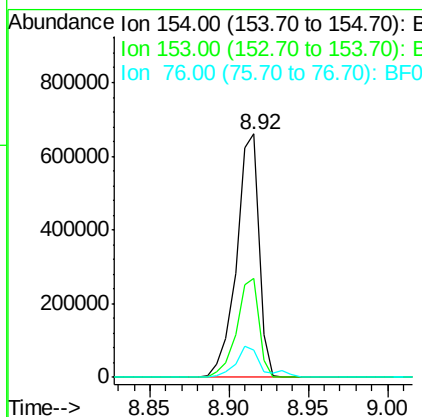
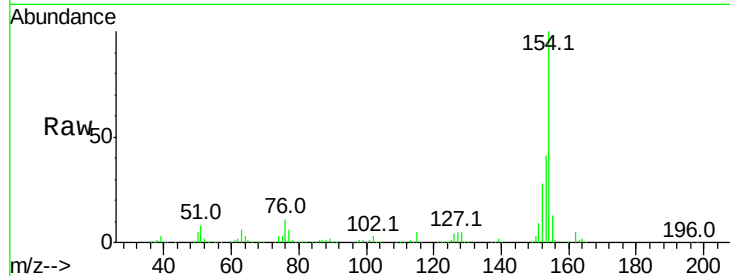
#45
 1,1'-Biphenyl
 Concen: 36.592 ng
 RT: 8.92 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	21.2	61.2	
76	11.3	0.0	29.9	

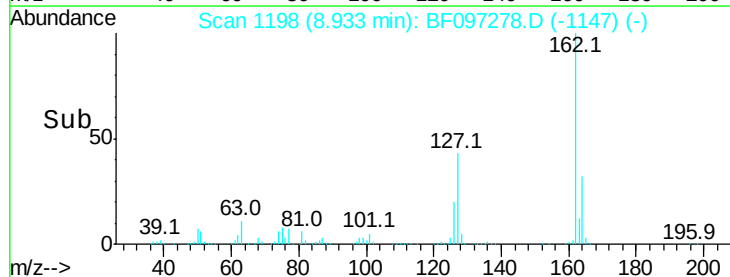
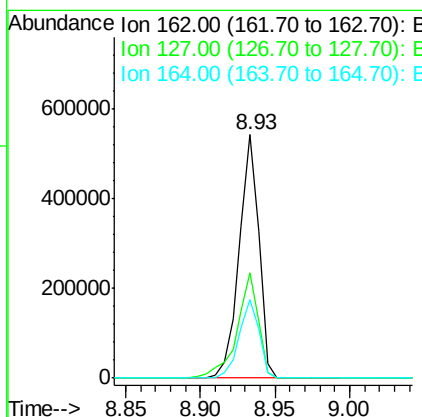
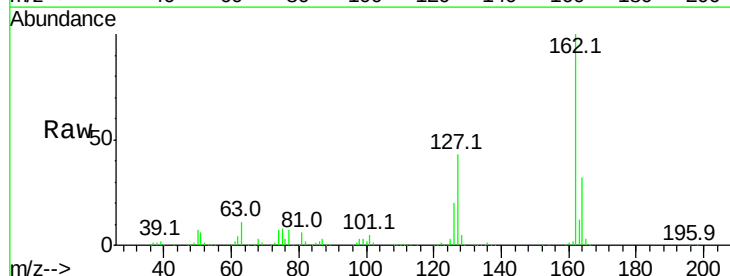
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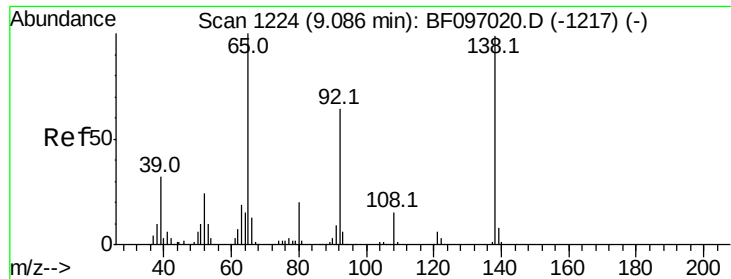
Sohil
 8/3/2017 6:08:05 PM



#46
 2-Chloronaphthalene
 Concen: 38.502 ng
 RT: 8.93 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.1	28.3	42.5#	
164	32.4	27.0	40.4	





#47

2-Nitroaniline

Concen: 42.763 ng

RT: 9.04 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Instrument :

BNA_F

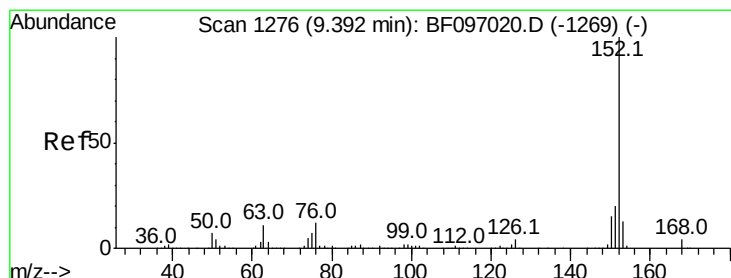
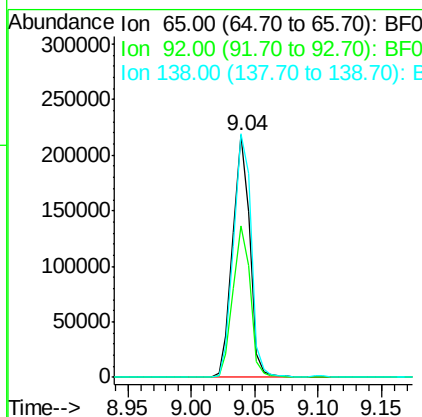
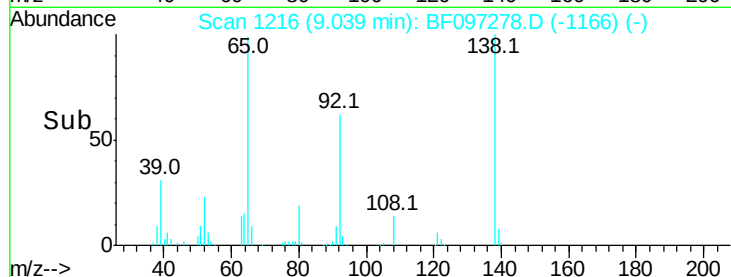
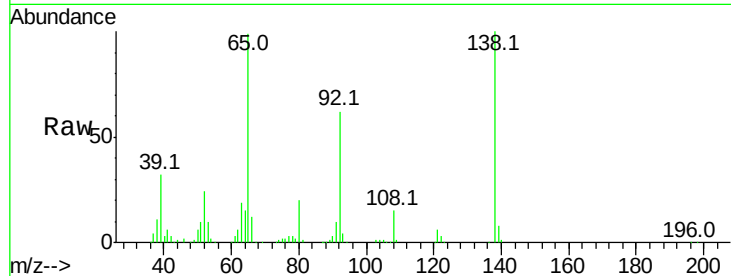
ClientSampleId :

PB101158BS

Tot Ion:	65	Resp:	202123
Ion Ratio	Lower	Upper	
65	100		
92	62.8	53.9	80.9
138	100.5	78.8	118.2

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#48

Acenaphthylene

Concen: 38.374 ng

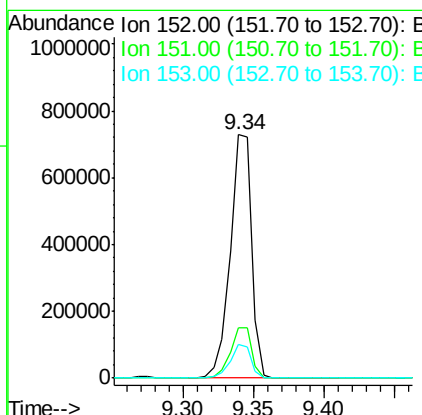
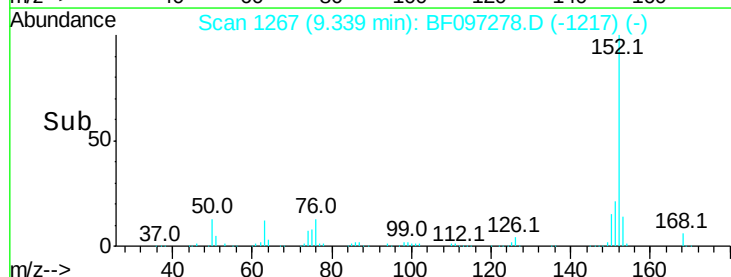
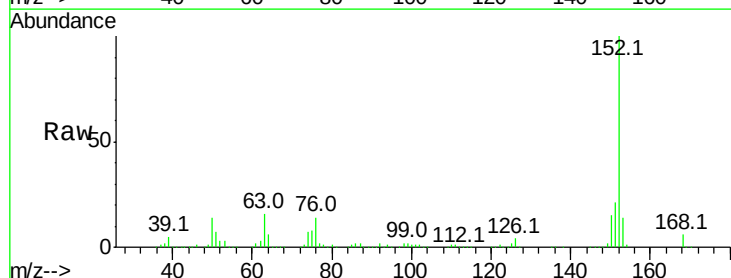
RT: 9.34 min Scan# 1267

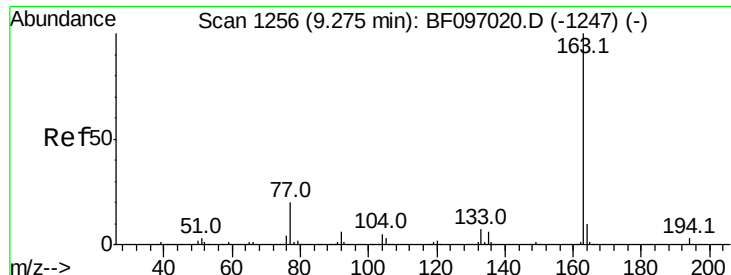
Delta R.T. -0.01 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Tgt Ion:	152	Resp:	767139
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.8	25.2
153	13.6	10.8	16.2





#49

Dimethylphthalate

Concen: 41.687 ng

RT: 9.23 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Instrument :

BNA_F

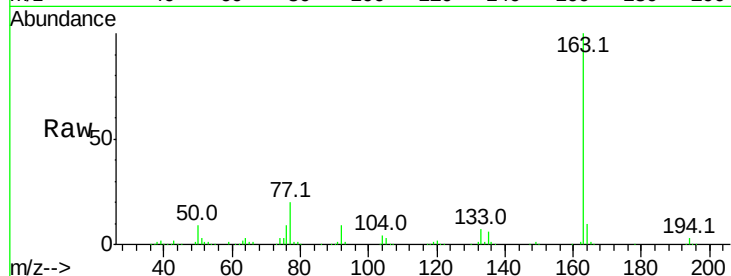
ClientSampleId :

PB101158BS

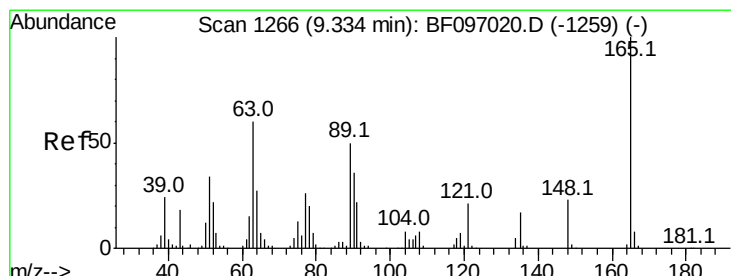
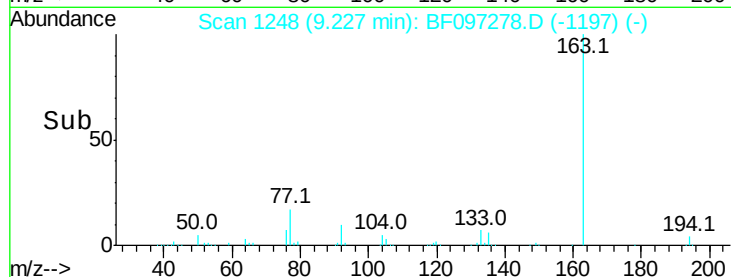
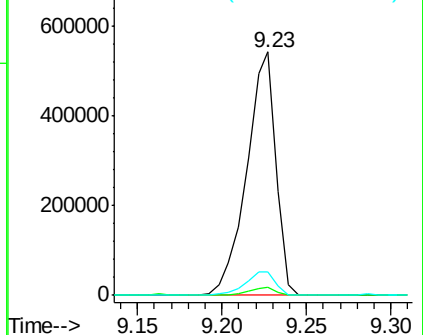
Tot Ion:	163	Resp:	655948
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	4.0
164	9.7	8.4	12.6

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



#50

2,6-Dinitrotoluene

Concen: 41.180 ng

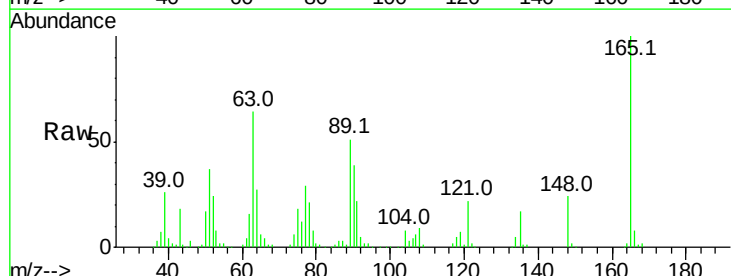
RT: 9.29 min Scan# 1258

Delta R.T. -0.00 min

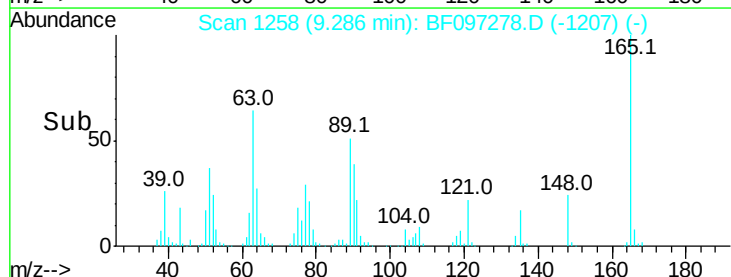
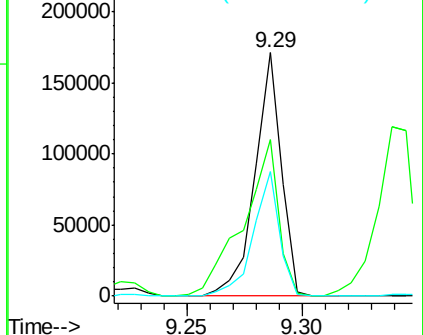
Lab File: BF097278.D

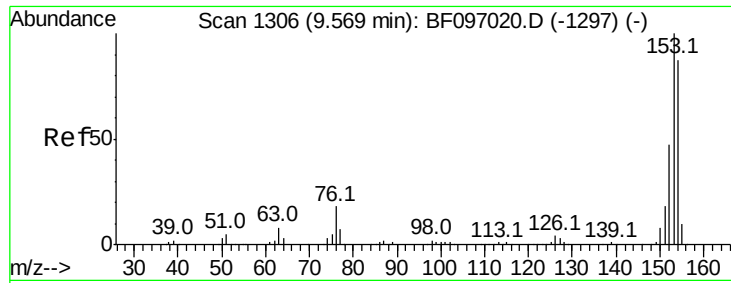
Acq: 2 Aug 2017 17:29

Tgt Ion:	165	Resp:	137429
Ion Ratio	Lower	Upper	
165	100		
63	64.4	34.3	51.5#
89	51.1	37.1	55.7



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





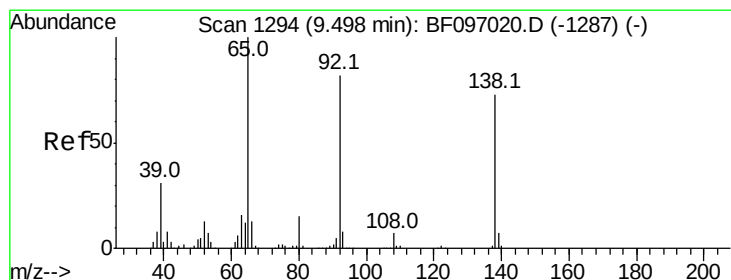
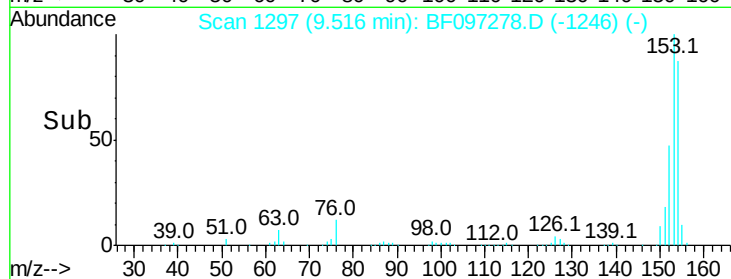
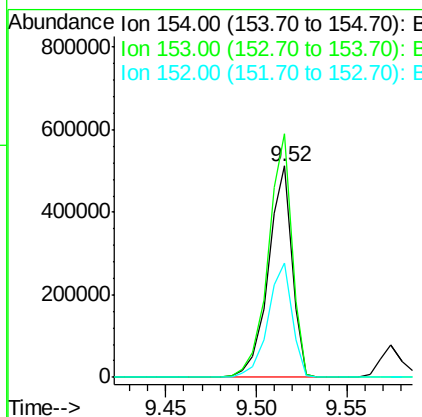
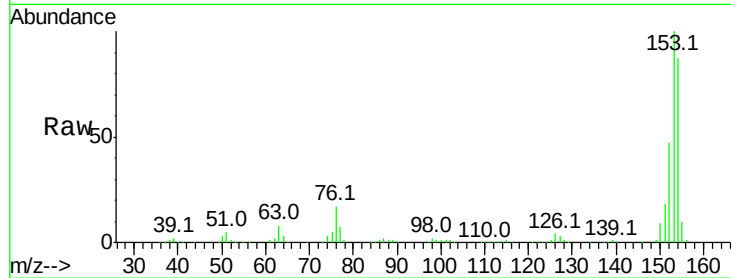
#51
Acenaphthene
Concen: 39.539 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Instrument :
BNA_F
ClientSampleId :
PB101158BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.4	90.5	135.7
152	54.5	43.6	65.4

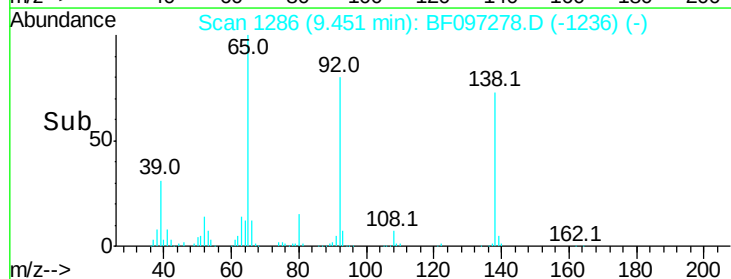
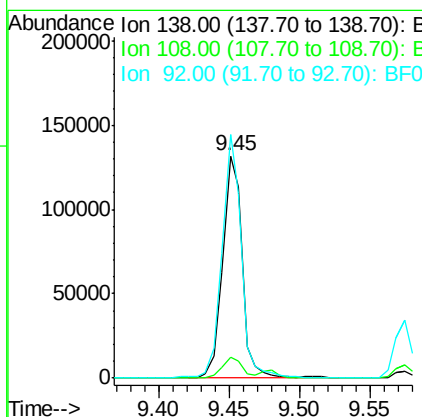
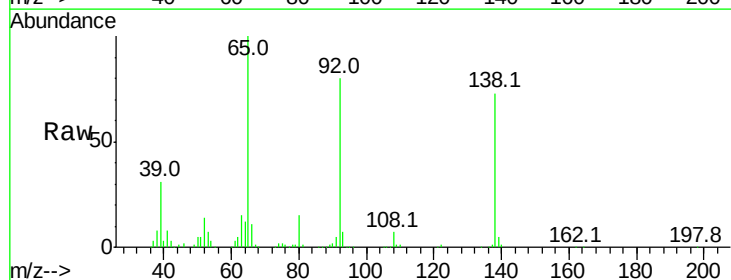
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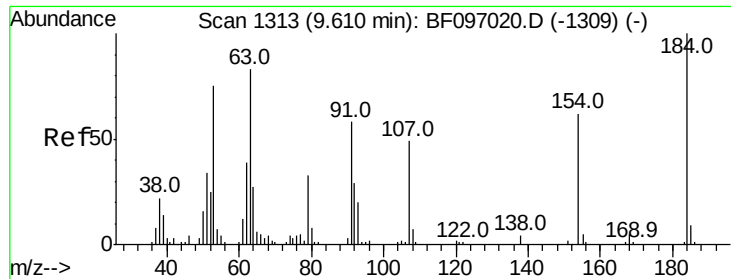
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#52
3-Nitroaniline
Concen: 30.632 ng
RT: 9.45 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.5	9.1	13.7
92	109.5	93.8	140.6





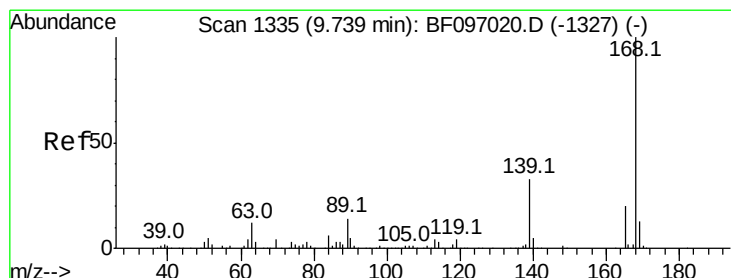
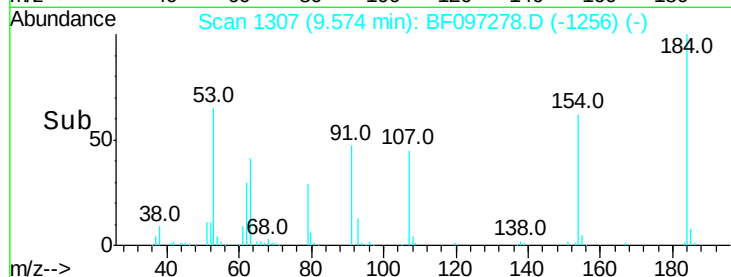
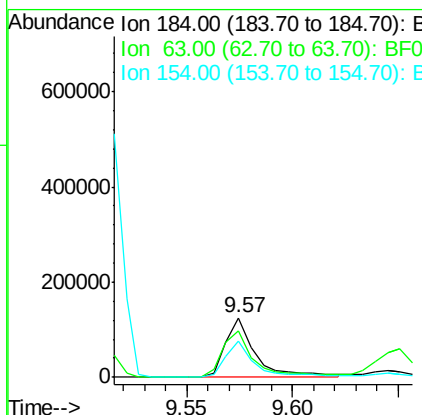
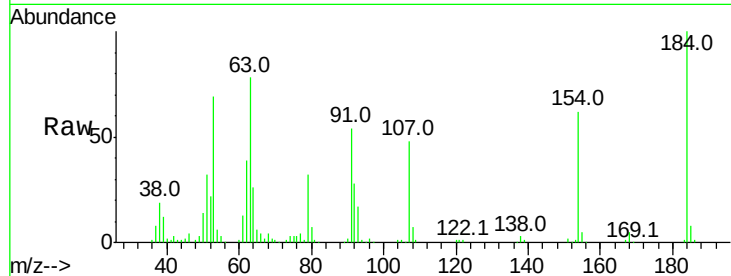
#53
 2,4-Dinitrophenol
 Concen: 82.453 ng
 RT: 9.57 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	125114		
63	78.0	62.7	94.1	
154	61.8	81.1	121.7	

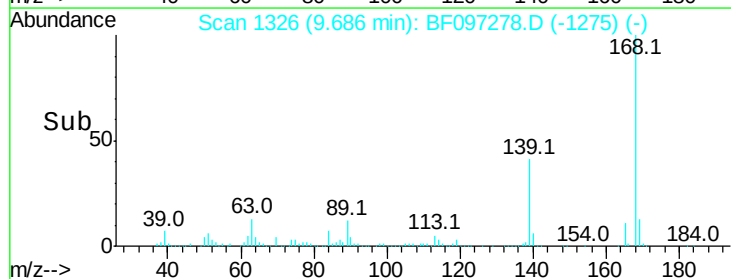
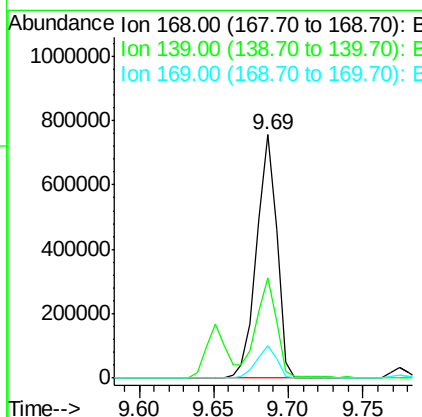
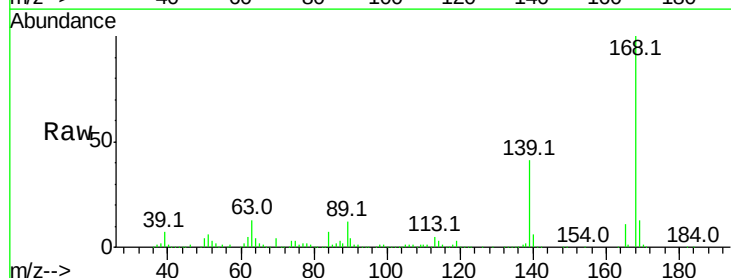
Manual Integrations
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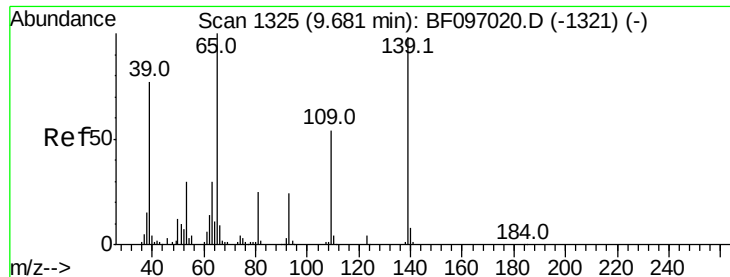
Sohil
 8/3/2017 6:08:05 PM



#54
 Dibenzofuran
 Concen: 44.732 ng
 RT: 9.69 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	701598		
139	41.0	30.6	45.8	
169	13.1	10.8	16.2	





#55

4-Nitrophenol

Concen: 61.011 ng

RT: 9.65 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Instrument :

BNA_F

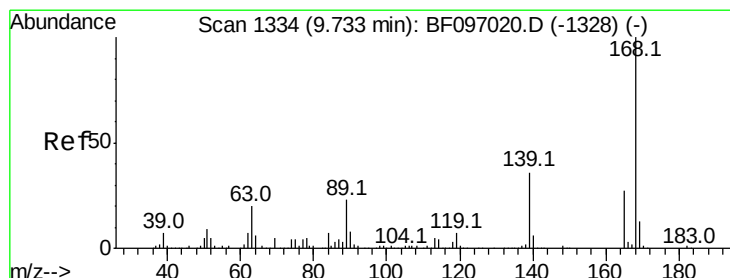
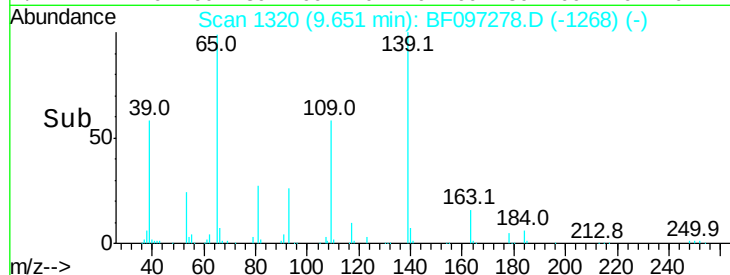
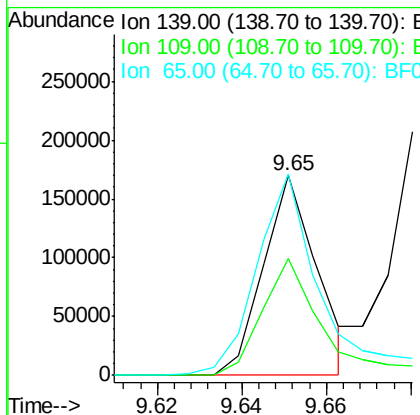
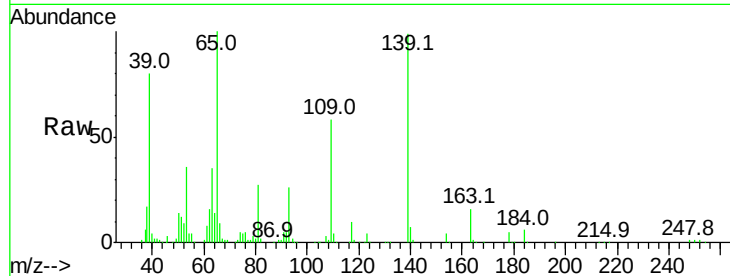
ClientSampleId :

PB101158BS

Tot Ion	139	Resp	150296
Ion Ratio	Lower	Upper	
139	100		
109	58.8	34.1	74.1
65	100.6	31.4	71.4#

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#56

2,4-Dinitrotoluene

Concen: 46.167 ng

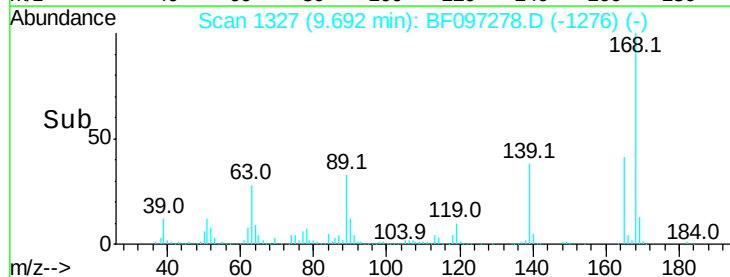
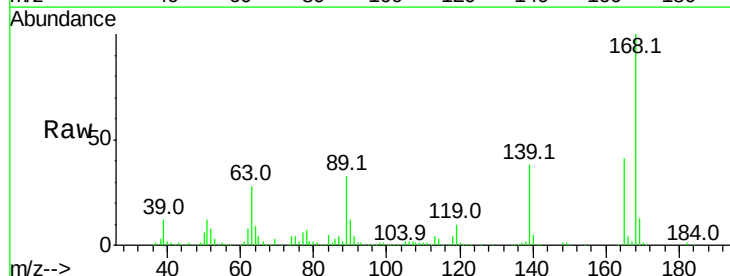
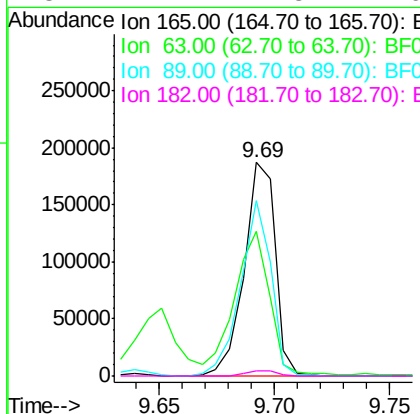
RT: 9.69 min Scan# 1327

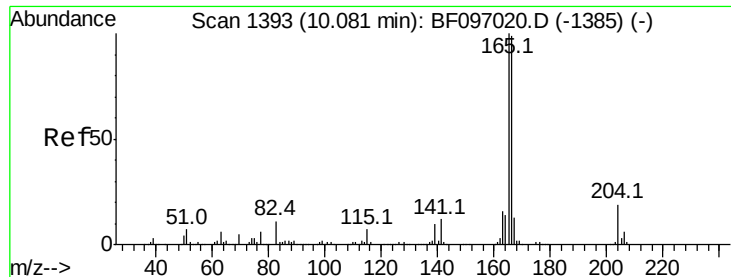
Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Tgt Ion	165	Resp	177119
Ion Ratio	Lower	Upper	
165	100		
63	68.0	25.4	38.0#
89	81.9	46.4	69.6#
182	2.2	1.8	2.6





#57

Fluorene

Concen: 42.524 ng

RT: 10.03 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Instrument :

BNA_F

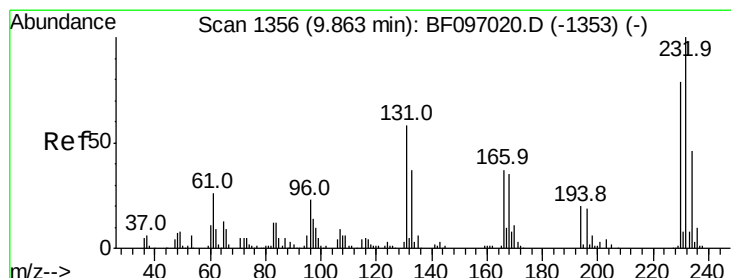
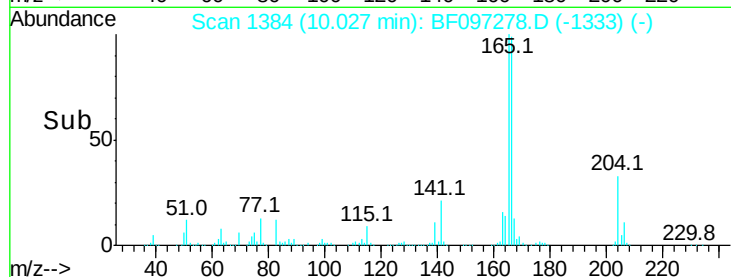
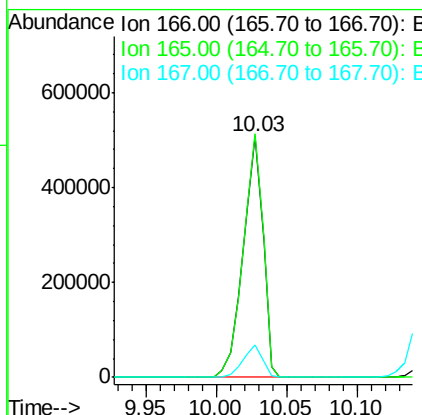
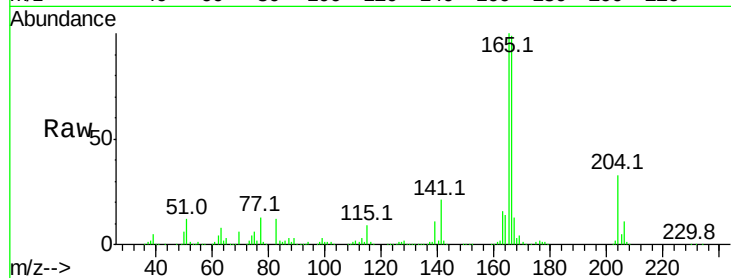
ClientSampleId :

PB101158BS

Tot Ion:	166	Resp:	501295
Ion Ratio	Lower	Upper	
166	100		
165	101.0	78.8	118.2
167	13.3	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.537 ng

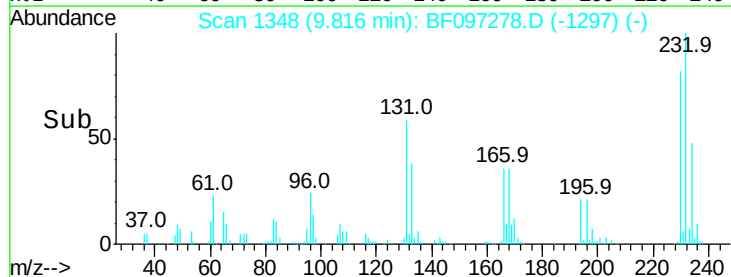
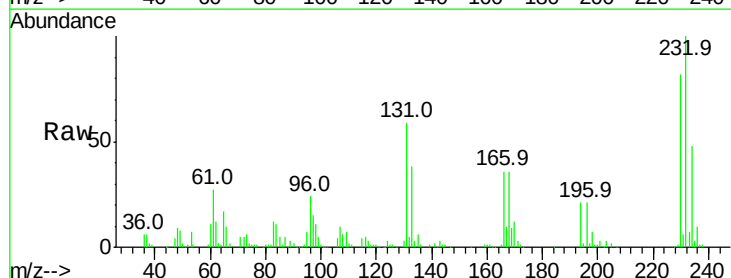
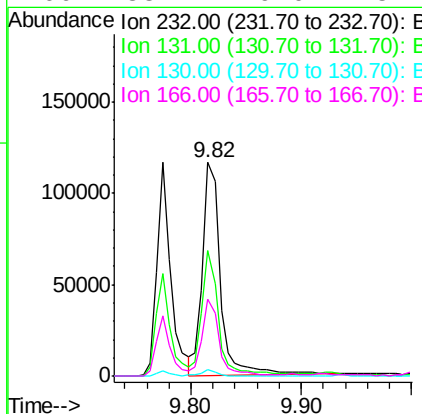
RT: 9.82 min Scan# 1348

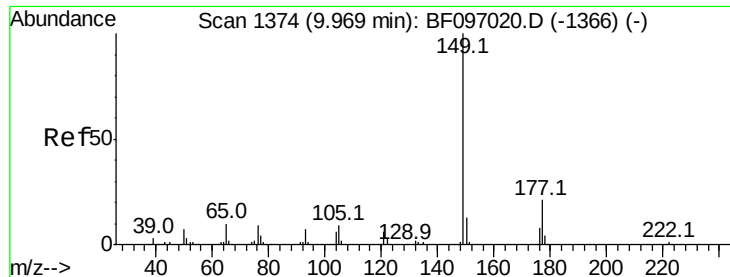
Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Tgt Ion:	232	Resp:	128858
Ion Ratio	Lower	Upper	
232	100		
131	54.9	44.8	67.2
130	2.5	2.3	3.5
166	33.1	29.0	43.4





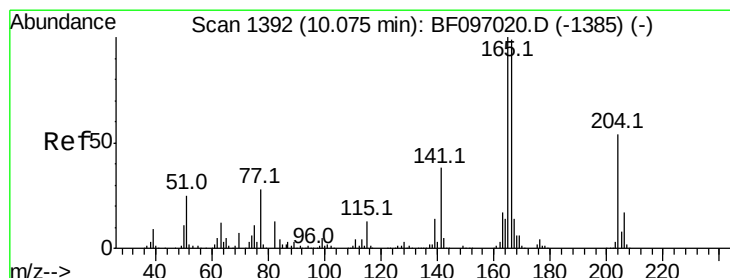
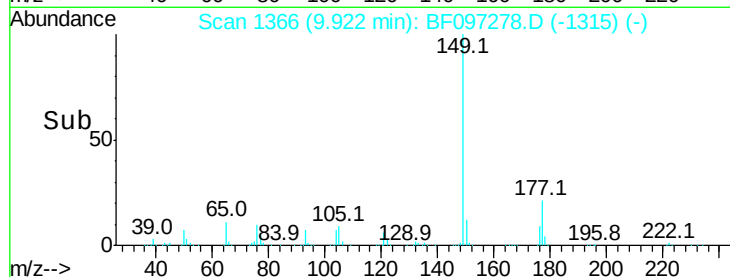
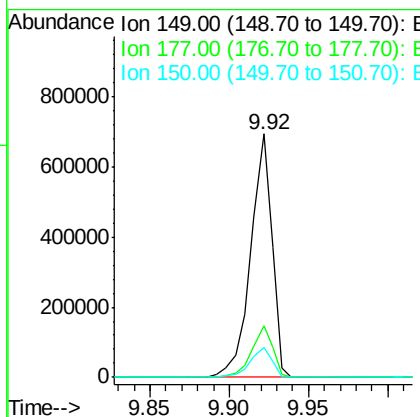
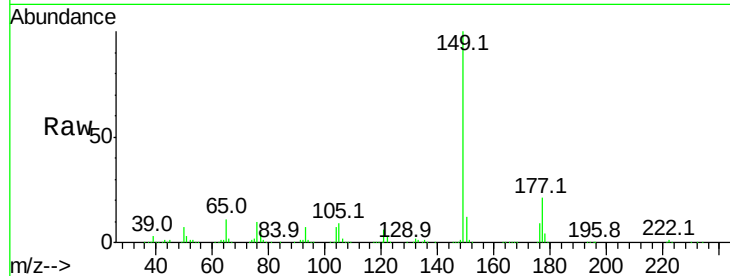
#59
Diethylphthalate
Concen: 44.918 ng
RT: 9.92 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Instrument :
BNA_F
ClientSampleId :
PB101158BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	648435		
177	21.3	16.7	25.1	
150	12.5	10.2	15.2	

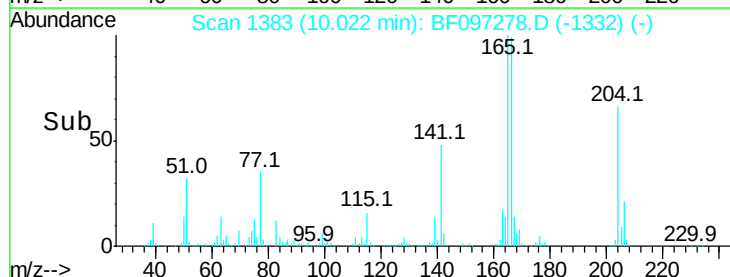
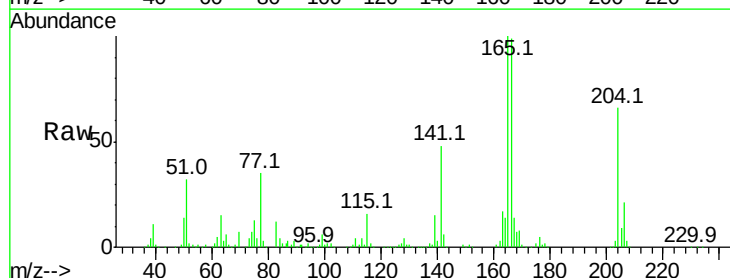
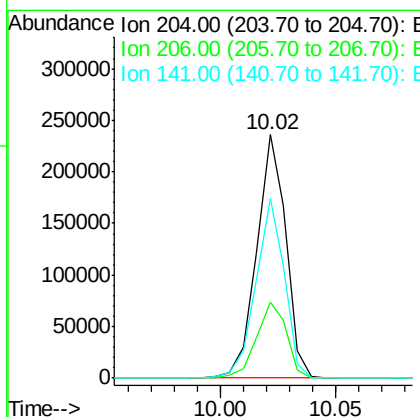
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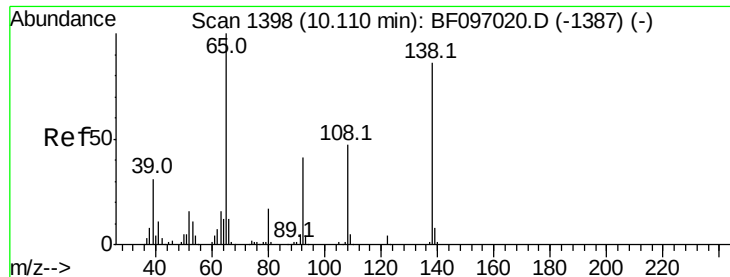
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 42.694 ng
RT: 10.02 min Scan# 1383
Delta R.T. -0.00 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	207833		
206	31.3	26.2	39.2	
141	73.8	60.8	91.2	





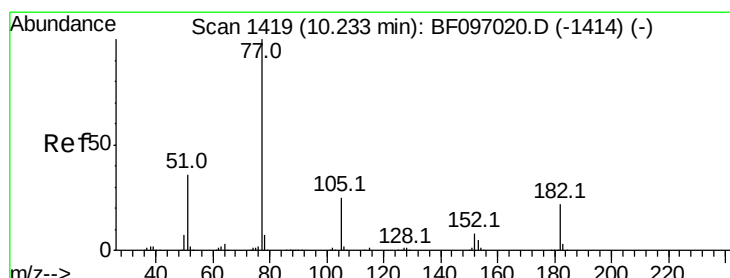
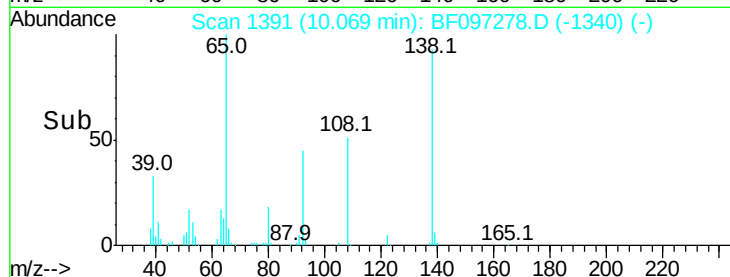
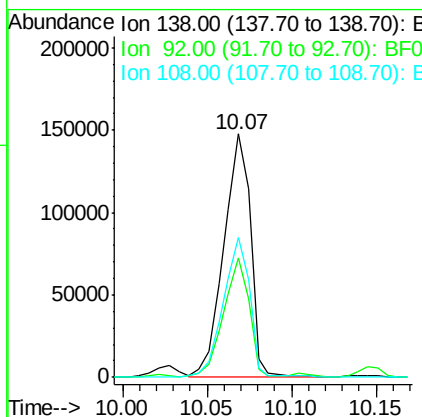
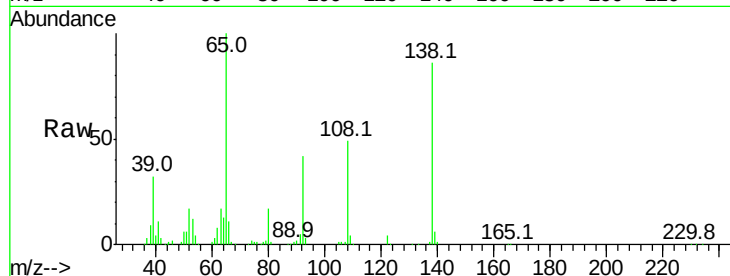
#61
4-Nitroaniline
Concen: 41.027 ng
RT: 10.07 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Instrument :
BNA_F
ClientSampled :
PB101158BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	161485		
92	48.8	21.8	61.8	
108	57.3	42.3	82.3	

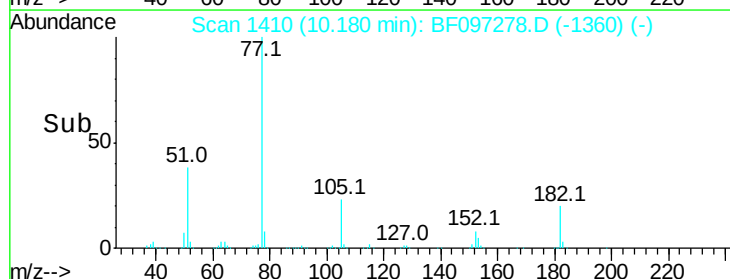
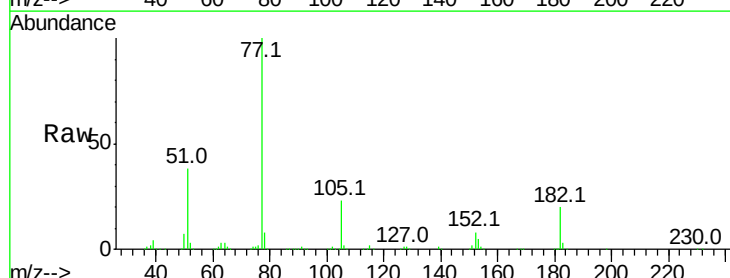
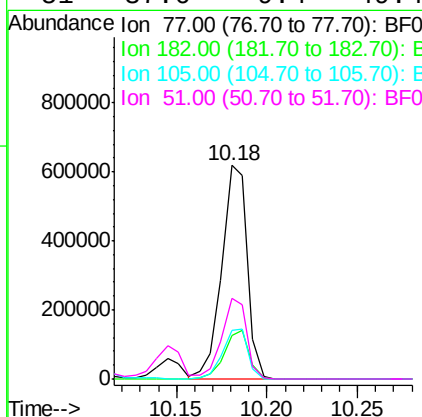
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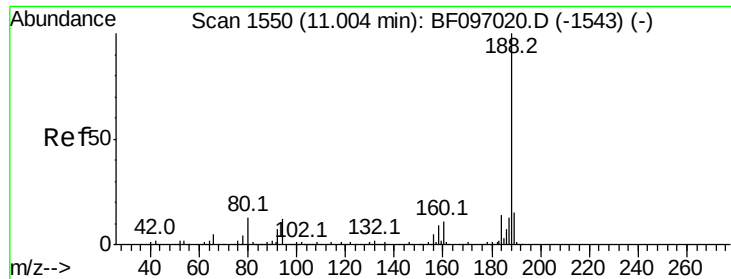
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#62
Azobenzene
Concen: 45.214 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	605512		
182	20.3	0.1	40.1	
105	23.0	3.6	43.6	
51	37.6	9.4	49.4	





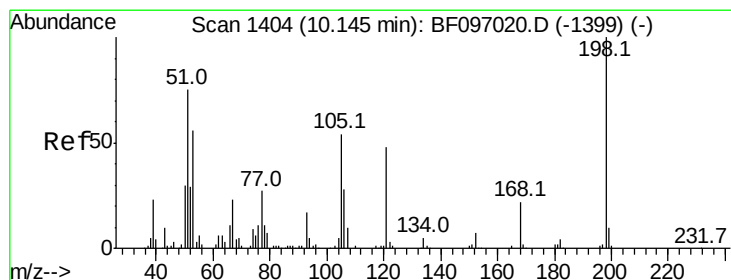
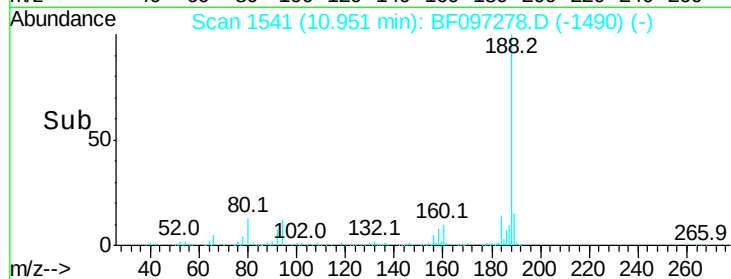
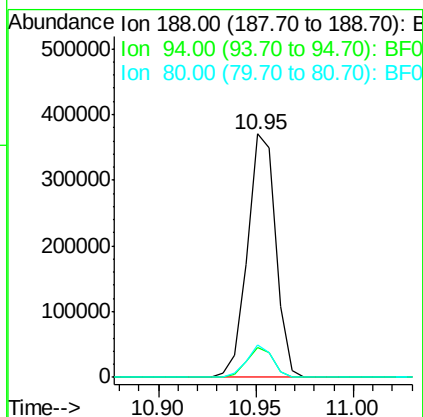
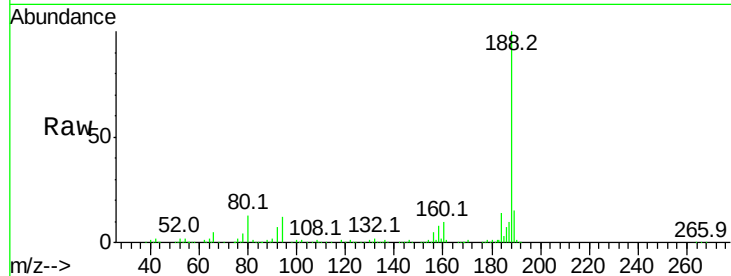
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Instrument :
BNA_F
ClientSampleId :
PB101158BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	371499		
94	12.5		9.4	14.2
80	13.2		10.2	15.2

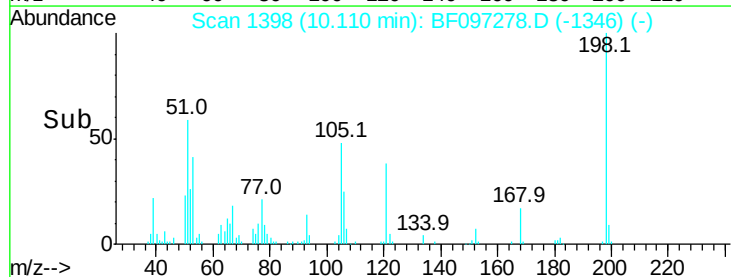
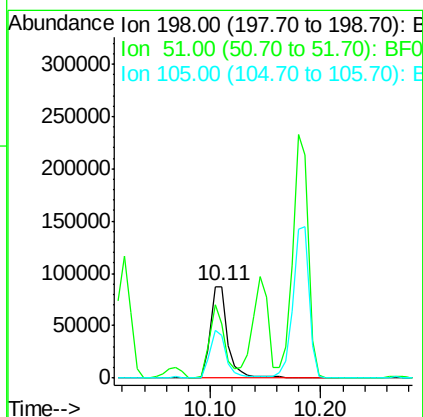
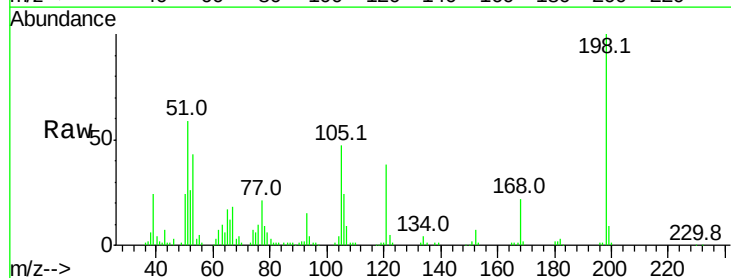
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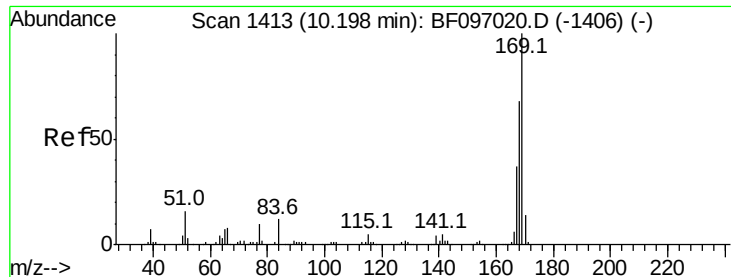
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.932 ng
RT: 10.11 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	94491		
51	59.0		53.2	93.2
105	47.1		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 37.621 ng

RT: 10.15 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Instrument :

BNA_F

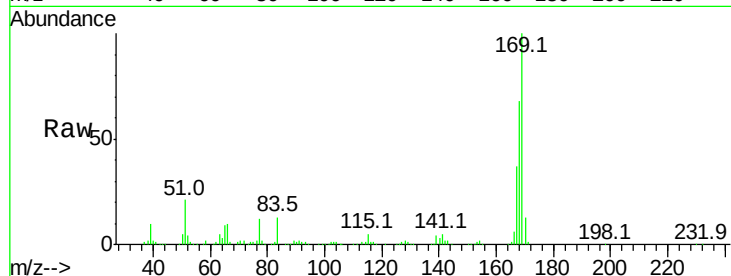
ClientSampleId :

PB101158BS

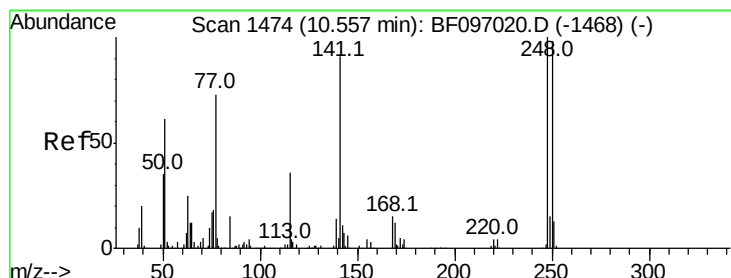
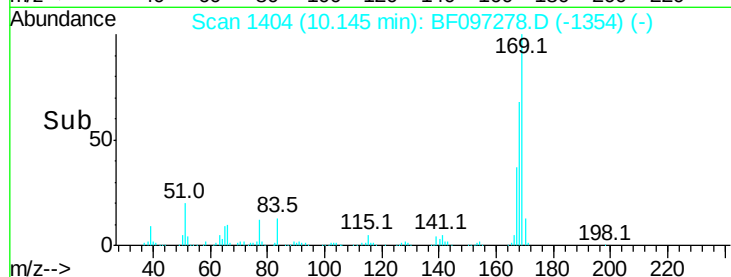
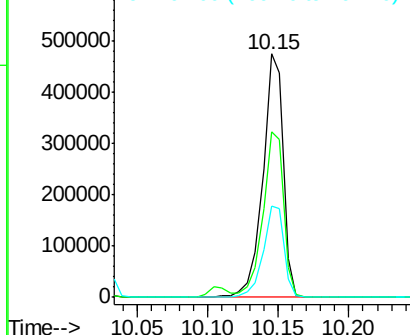
Tot Ion:	169	Resp:	486290
Ion Ratio	Lower	Upper	
169	100		
168	68.0	53.2	79.8
167	37.4	29.5	44.3

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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: 38.738 ng

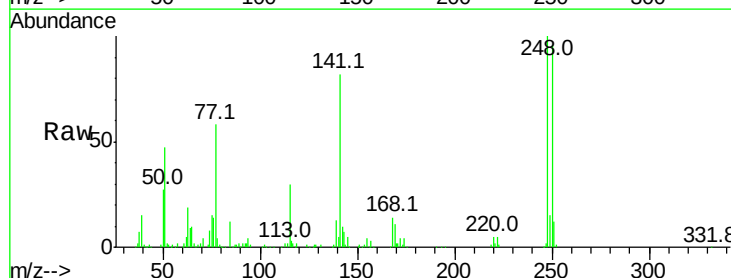
RT: 10.51 min Scan# 1466

Delta R.T. -0.00 min

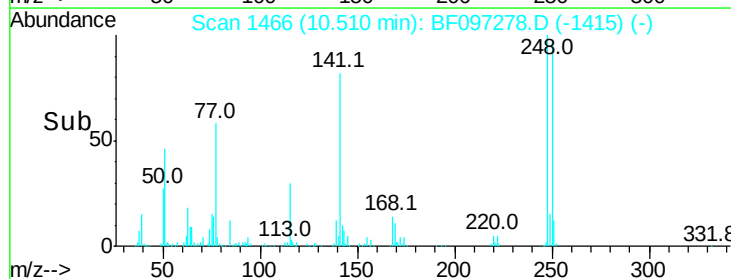
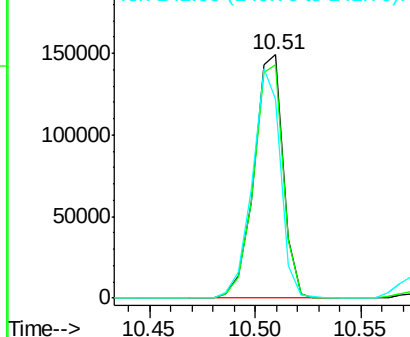
Lab File: BF097278.D

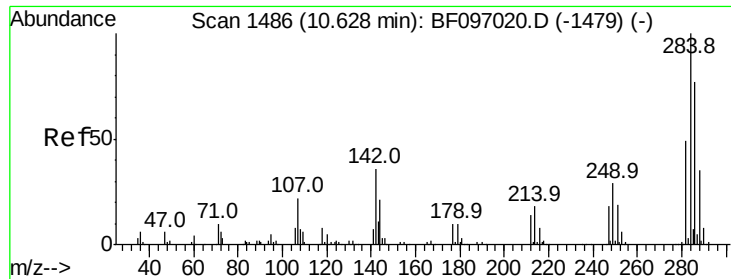
Acq: 2 Aug 2017 17:29

Tgt Ion:	248	Resp:	143619
Ion Ratio	Lower	Upper	
248	100		
250	95.9	76.8	115.2
141	81.7	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: 36.919 ng

RT: 10.57 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Instrument :

BNA_F

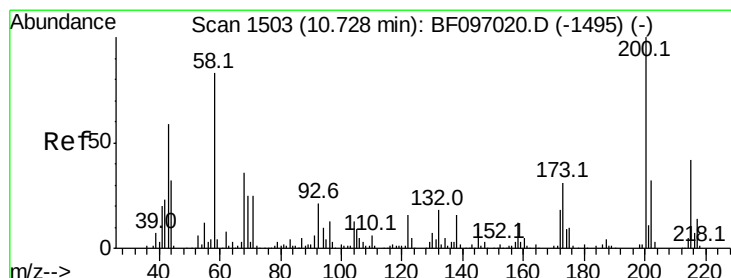
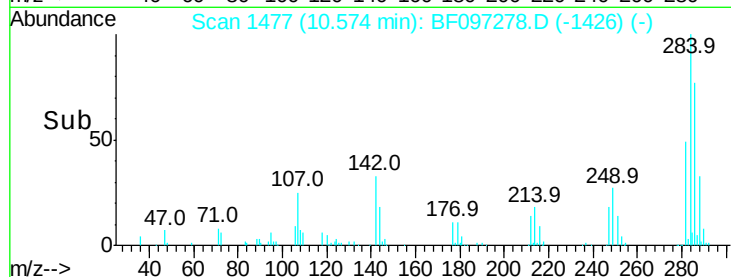
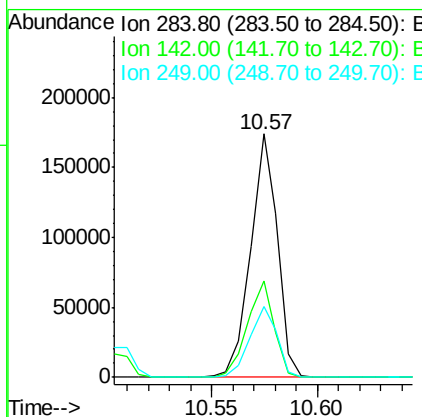
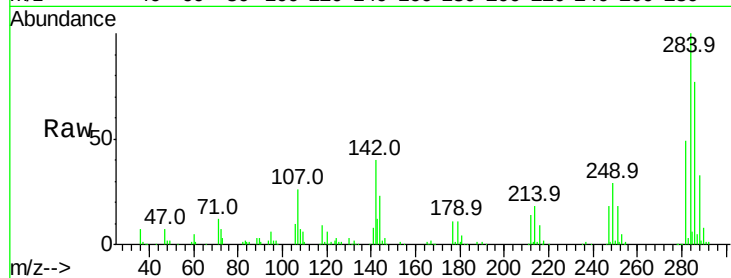
ClientSampleId :

PB101158BS

Tot Ion:	284	Resp:	153489
Ion Ratio	Lower	Upper	
284	100		
142	39.8	22.8	34.2#
249	29.3	24.0	36.0

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#68

Atrazine

Concen: 44.034 ng

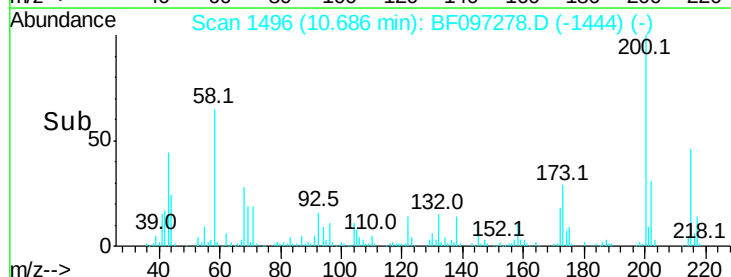
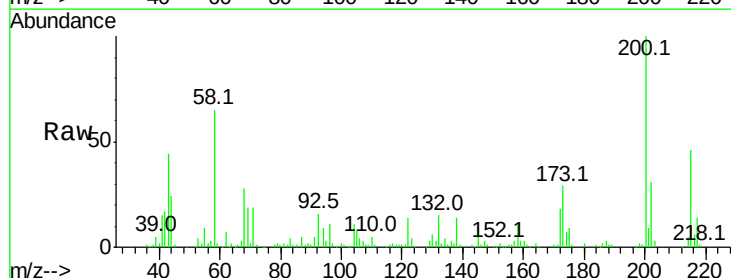
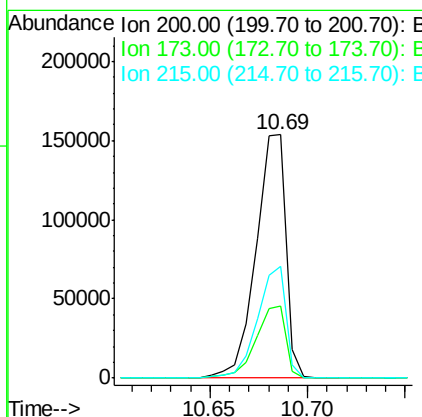
RT: 10.69 min Scan# 1496

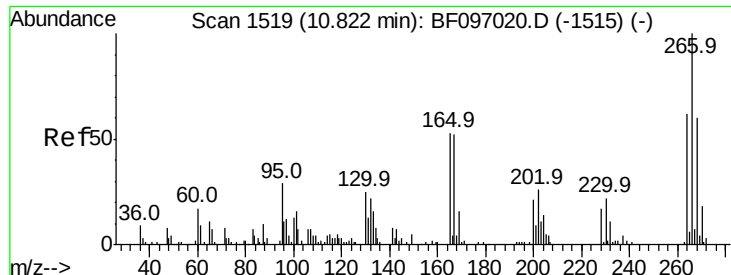
Delta R.T. 0.01 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Tgt Ion:	200	Resp:	163213
Ion Ratio	Lower	Upper	
200	100		
173	29.4	6.3	46.3
215	46.1	27.2	67.2





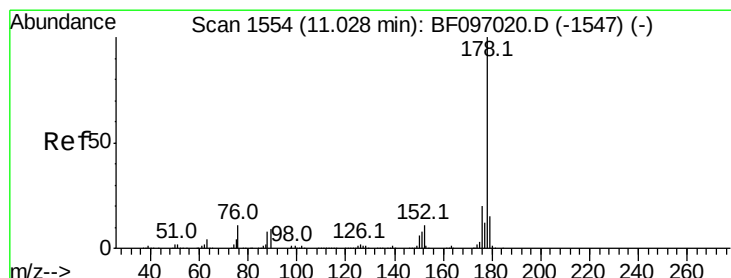
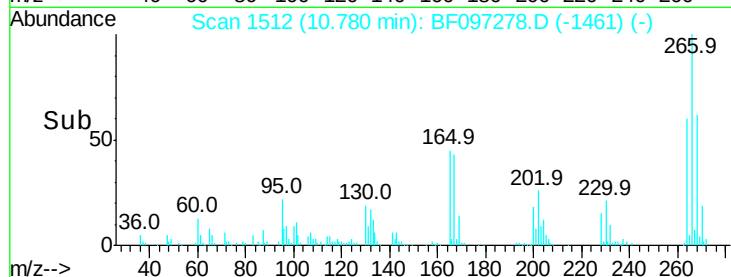
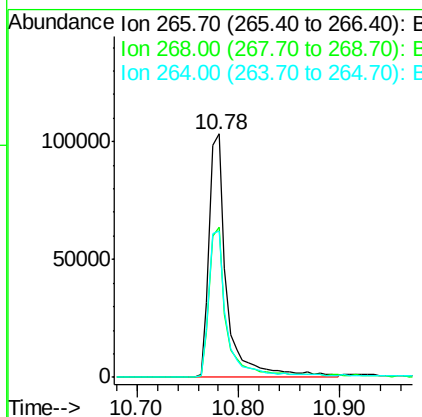
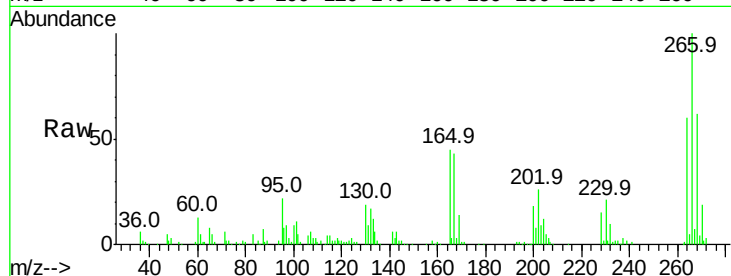
#69
 Pentachlorophenol
 Concen: 73.975 ng
 RT: 10.78 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BS

Tot Ion:	266	Resp:	127251
Ion Ratio		Lower	Upper
266	100		
268	61.5	51.1	76.7
264	60.0	51.7	77.5

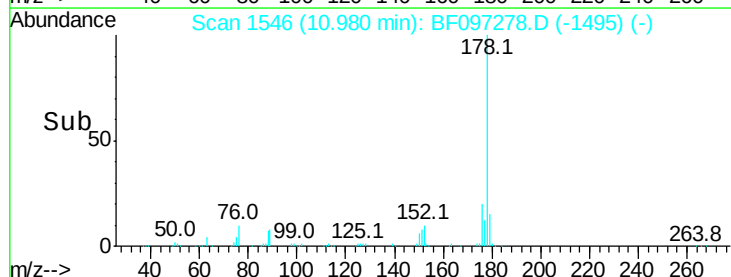
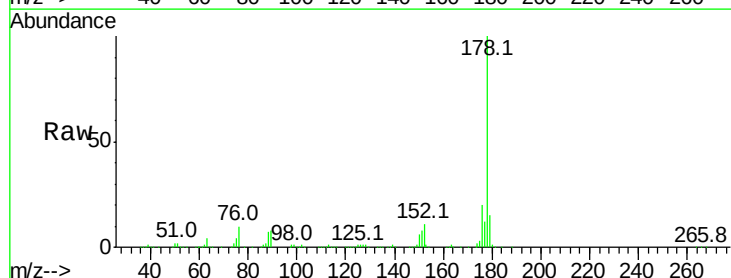
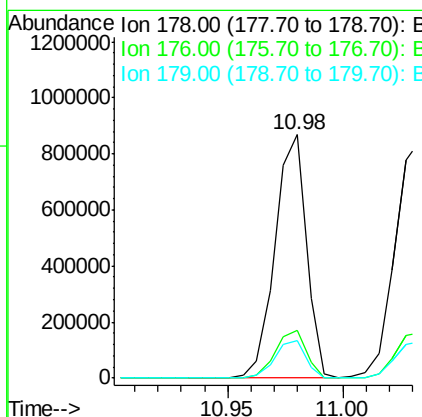
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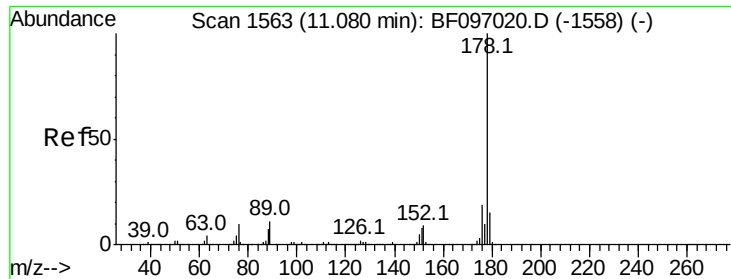
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#70
 Phenanthrene
 Concen: 41.098 ng
 RT: 10.98 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion:	178	Resp:	818059
Ion Ratio		Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.3	12.6	19.0





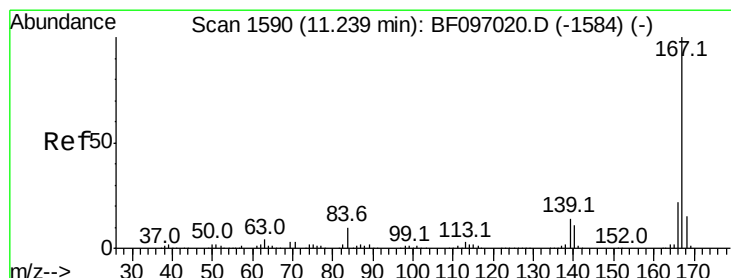
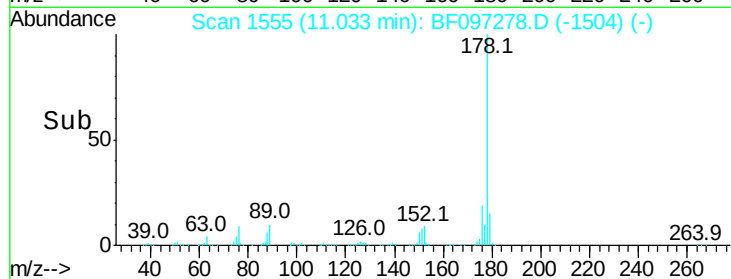
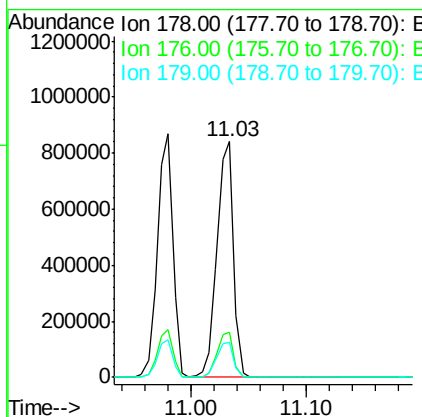
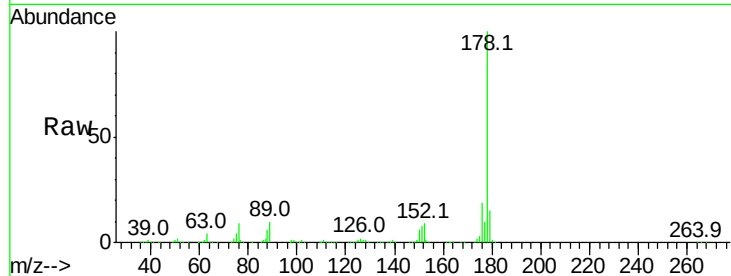
#71
 Anthracene
 Concen: 40.959 ng
 RT: 11.03 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.1	12.7	19.1

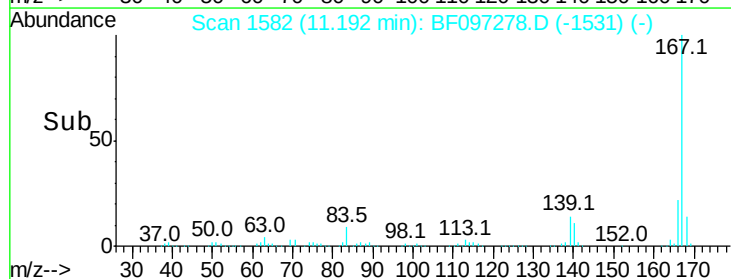
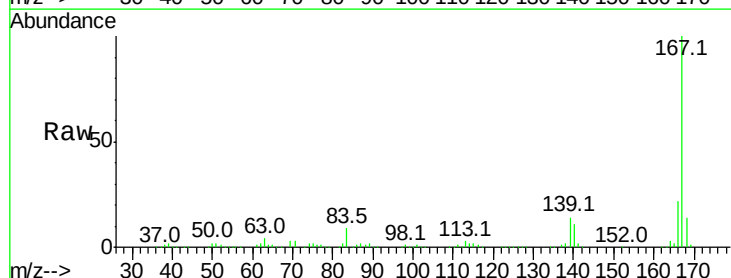
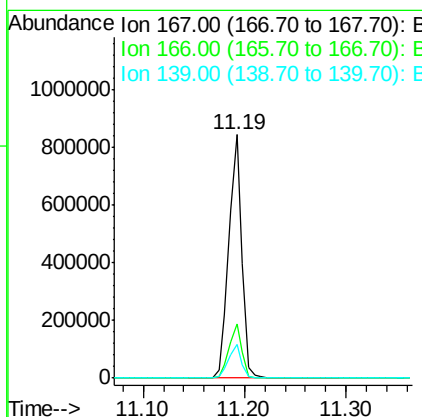
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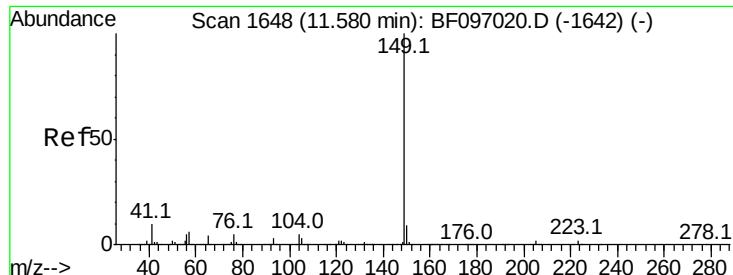
Sohil
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#72
 Carbazole
 Concen: 37.734 ng
 RT: 11.19 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.9	11.7	17.5





#73

Di-n-butylphthalate

Concen: 39.532 ng

RT: 11.53 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Instrument :

BNA_F

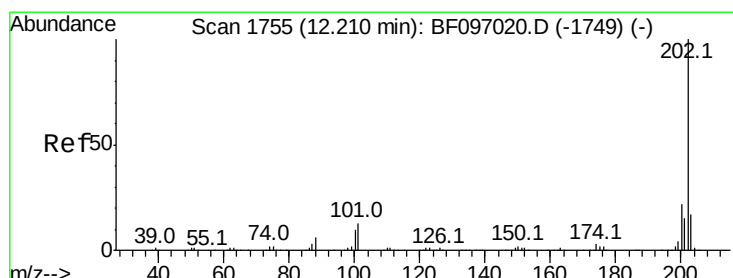
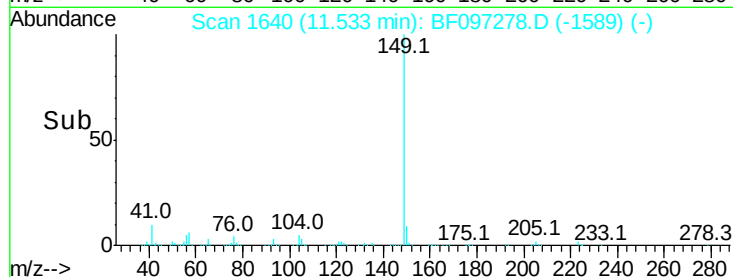
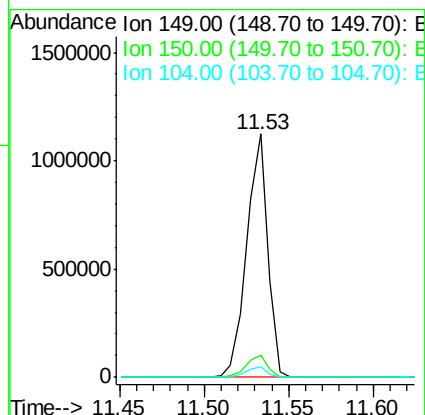
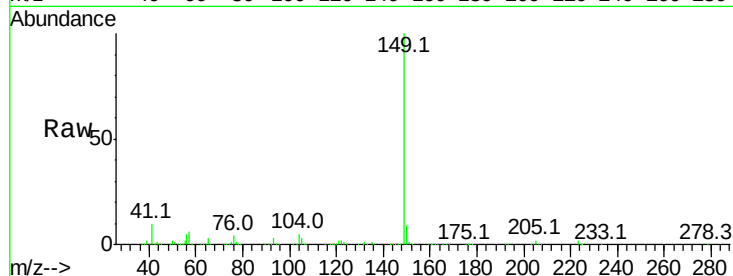
ClientSampleId :

PB101158BS

Tot Ion:	149	Resp:	979766
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.5	4.0	6.0

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#74

Fluoranthene

Concen: 39.578 ng

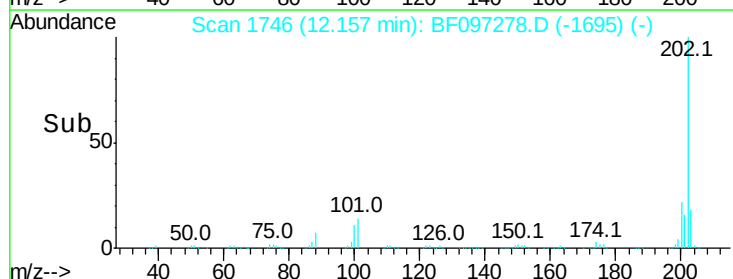
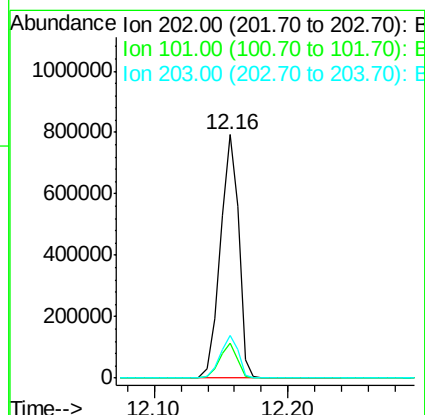
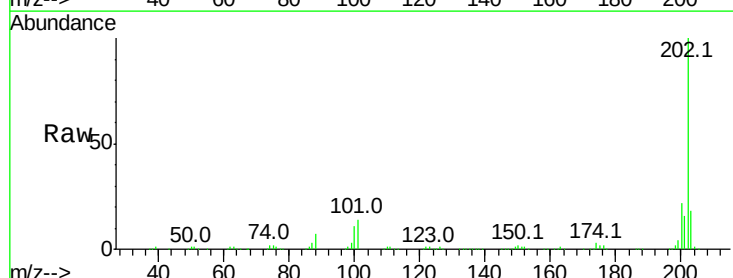
RT: 12.16 min Scan# 1746

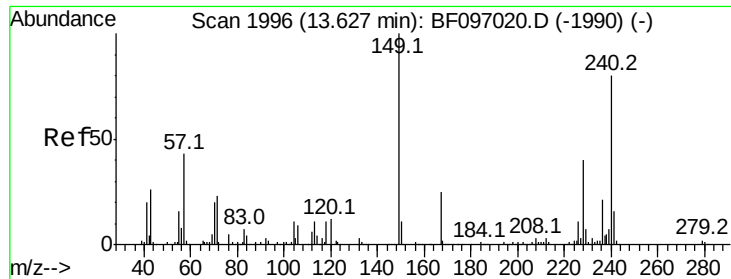
Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Tgt Ion:	202	Resp:	771772
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.58 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Instrument :

BNA_F

ClientSampleId :

PB101158BS

Tot Ion:240 Resp: 217992
Ion Ratio Lower Upper

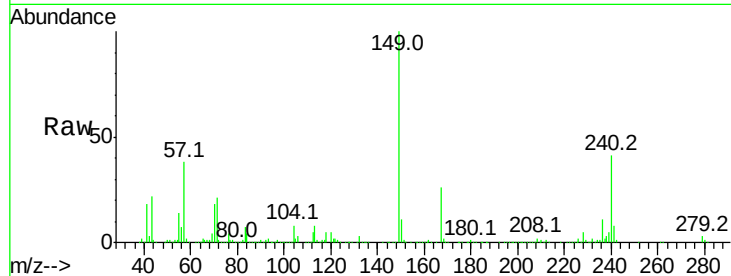
240 100

120 12.0 5.8 8.8#

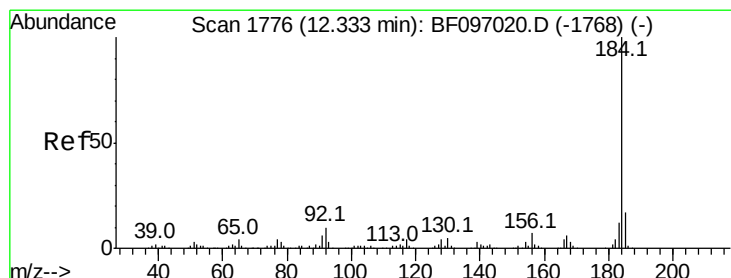
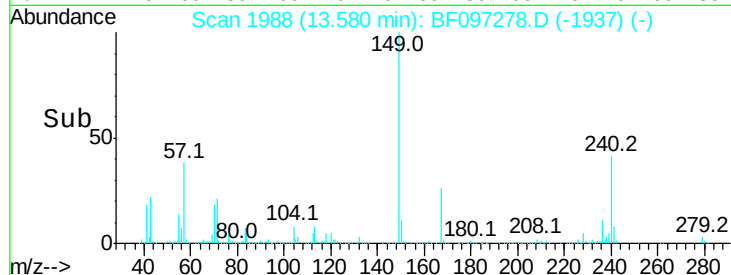
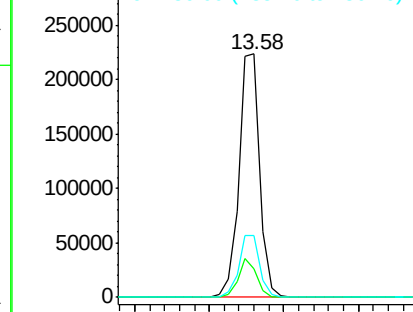
236 25.7 20.5 30.7

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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: 44.467 ng

RT: 12.29 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BF097278.D

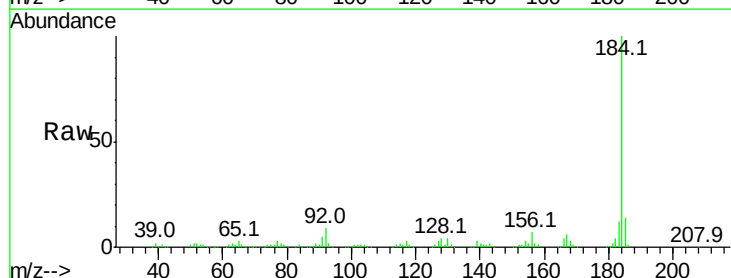
Acq: 2 Aug 2017 17:29

Tgt Ion:184 Resp: 359674
Ion Ratio Lower Upper

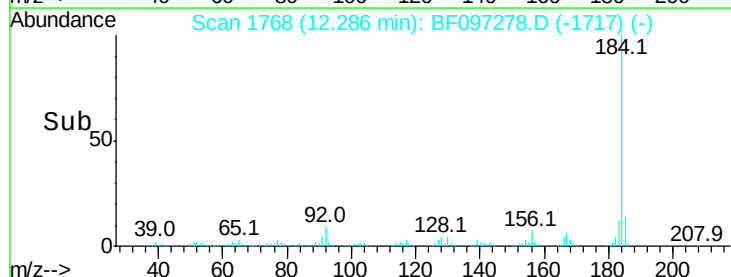
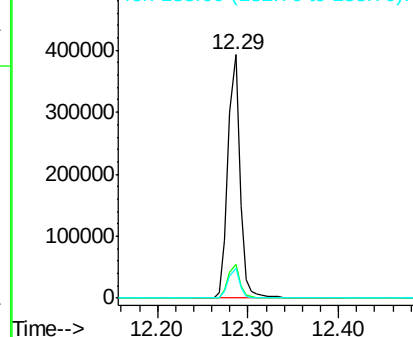
184 100

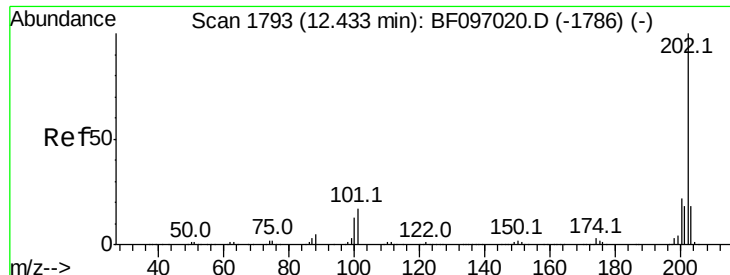
185 13.7 15.5 23.3#

183 12.1 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





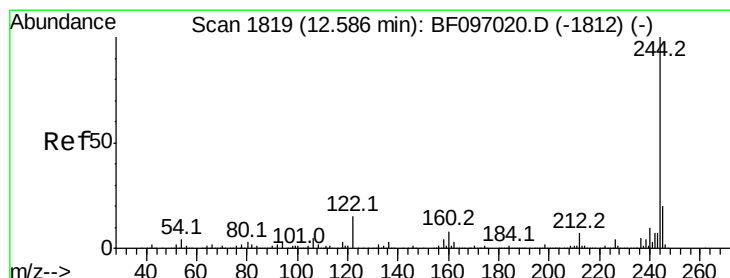
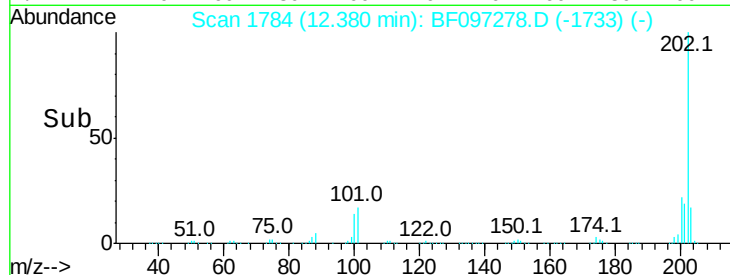
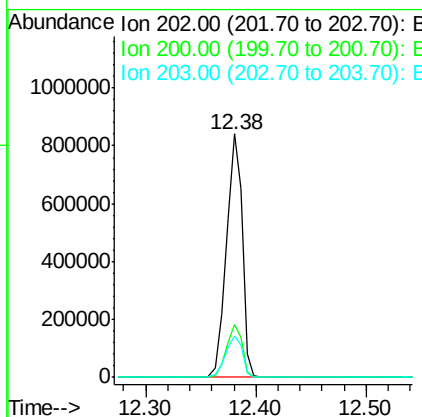
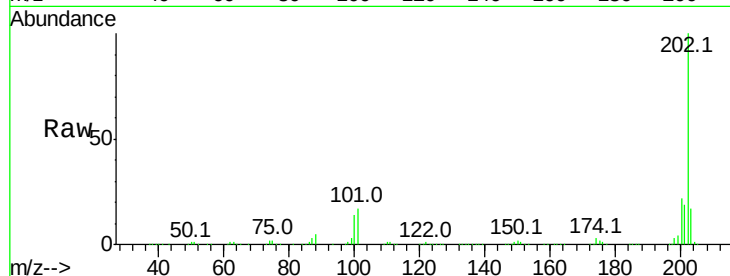
#77
 Pvrene
 Concen: 47.485 ng
 RT: 12.38 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BS

Tot Ion:	202	Resp:	847432
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	17.1	14.4	21.6

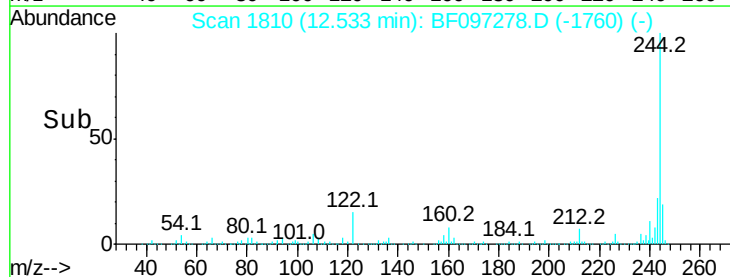
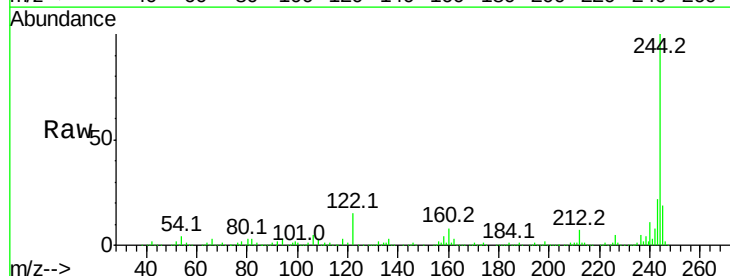
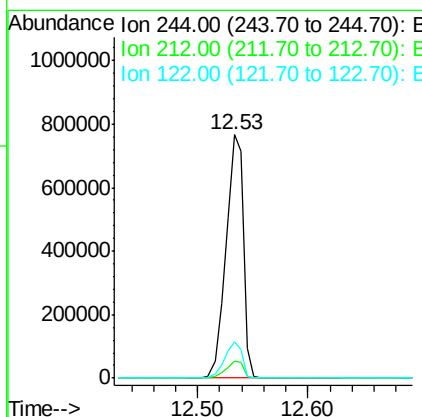
Manual Integrations
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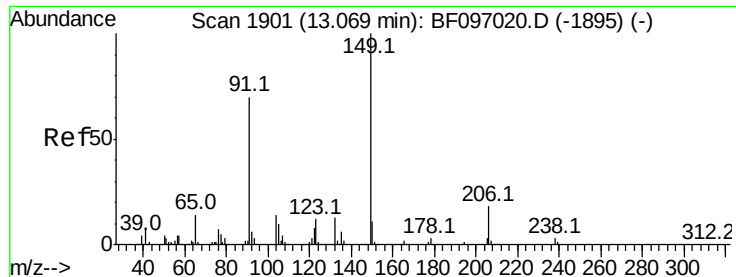
Sohil
 8/3/2017 6:08:05 PM



#78
 Terphenyl-d14
 Concen: 79.134 ng
 RT: 12.53 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion:	244	Resp:	846093
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	15.1	10.3	15.5





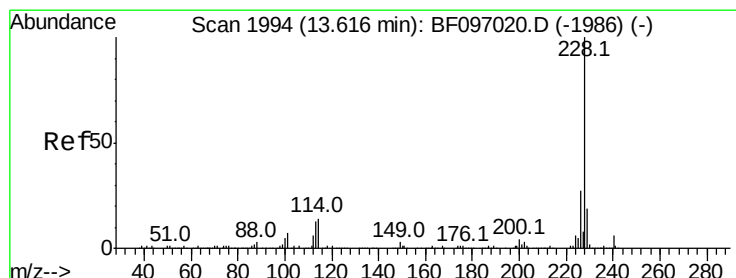
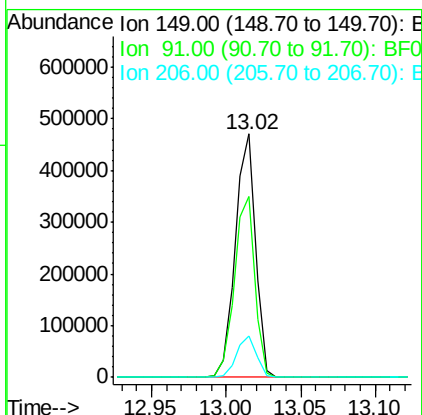
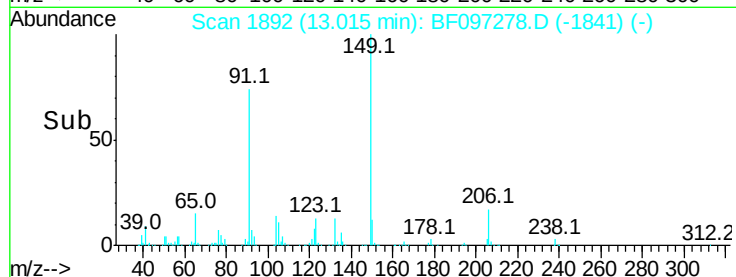
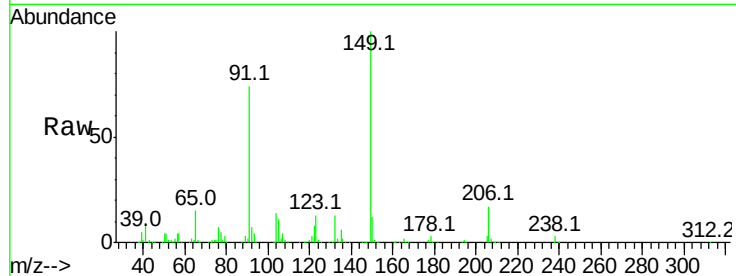
#79
Butylbenzylphthalate
Concen: 49.639 ng
RT: 13.02 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Instrument :
BNA_F
ClientSampleId :
PB101158BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	450621		
91	74.1	45.0	67.4#	
206	17.0	17.0	25.6#	

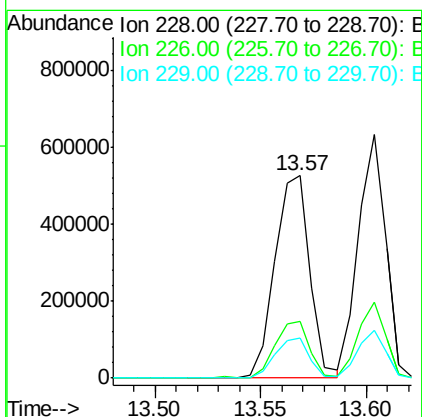
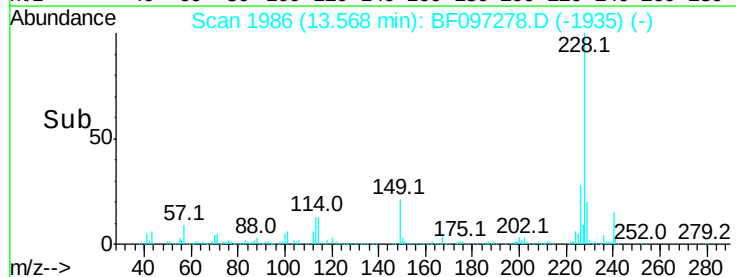
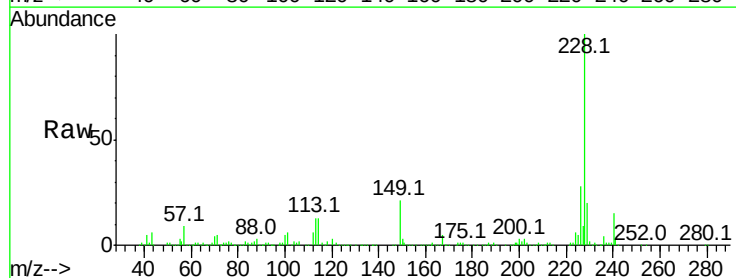
Manual Integrations
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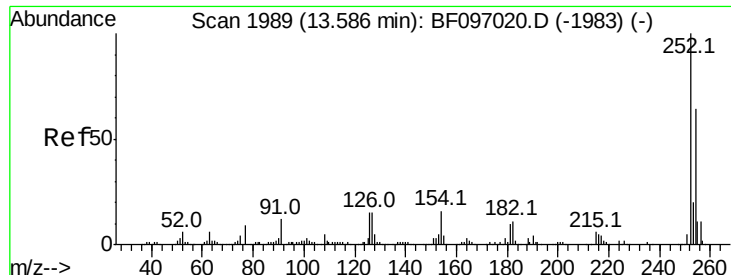
Sohil
8/3/2017 6:08:05 PM



#80
Benzo(a)anthracene
Concen: 42.837 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	604215		
226	27.8	22.6	33.8	
229	19.6	16.3	24.5	





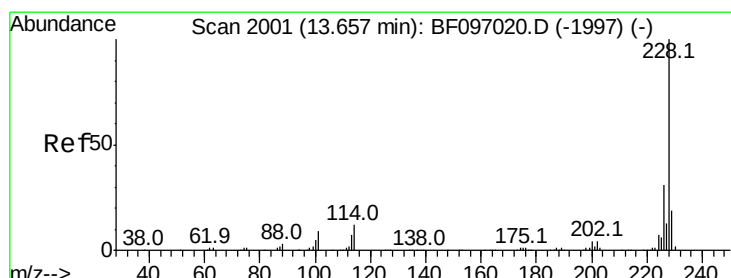
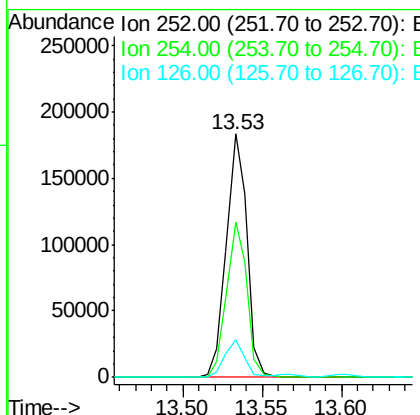
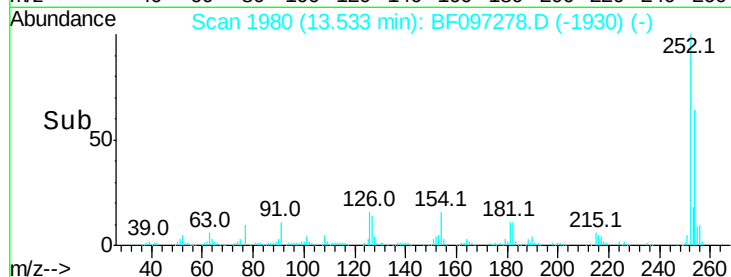
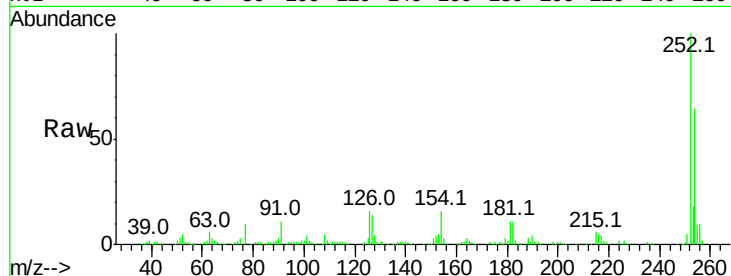
#81
 3,3'-Dichlorobenzidine
 Concen: 31.119 ng
 RT: 13.53 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.5	51.5	77.3
126	15.5	15.8	23.8

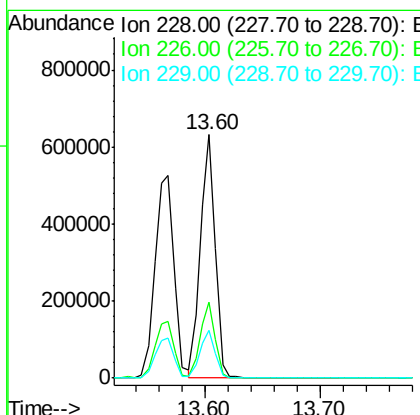
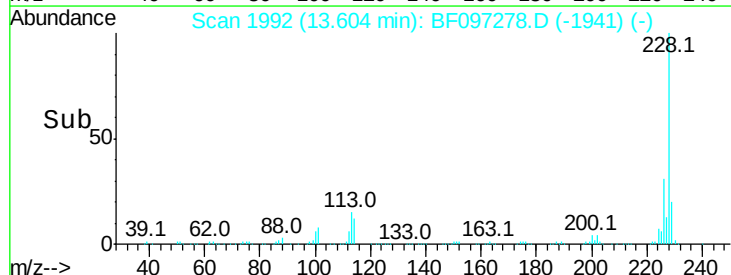
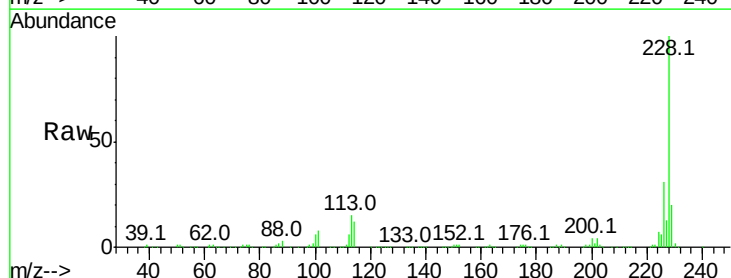
Manual Integrations
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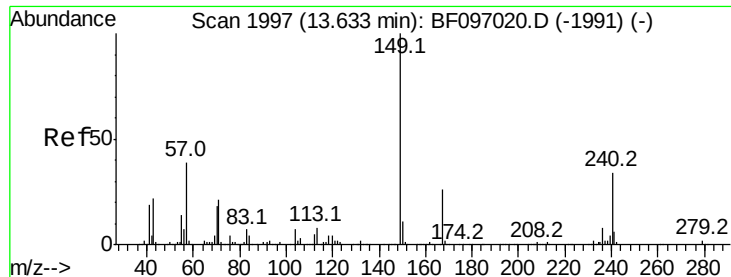
Sohil
 8/3/2017 6:08:05 PM



#82
 Chrysene
 Concen: 41.957 ng
 RT: 13.60 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	24.9	37.3
229	19.8	15.8	23.6





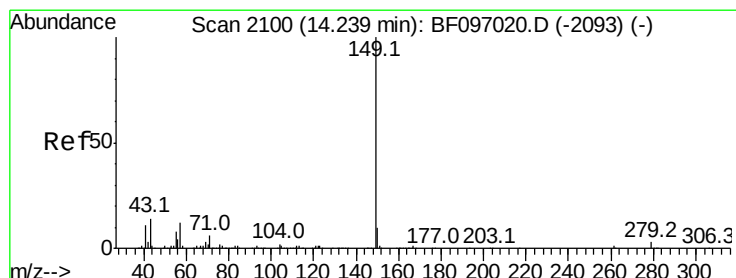
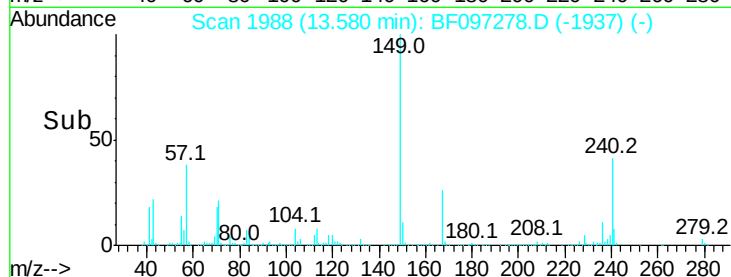
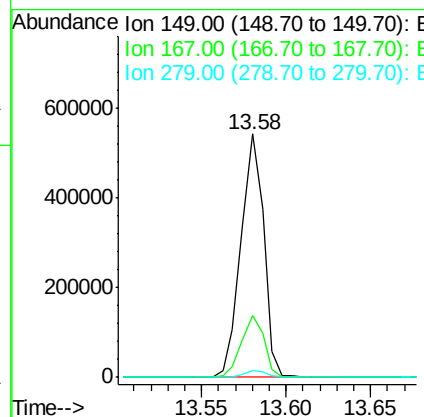
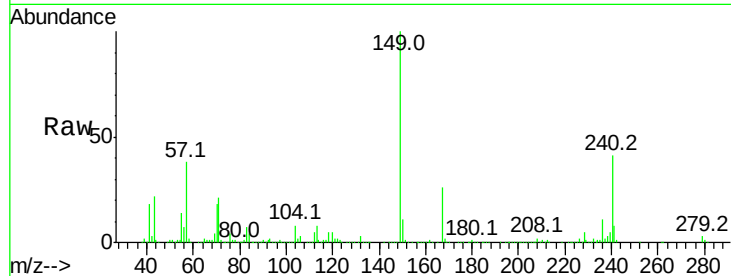
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.190 ng
 RT: 13.58 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.5	21.0	31.4	
279	2.6	1.9	2.9	

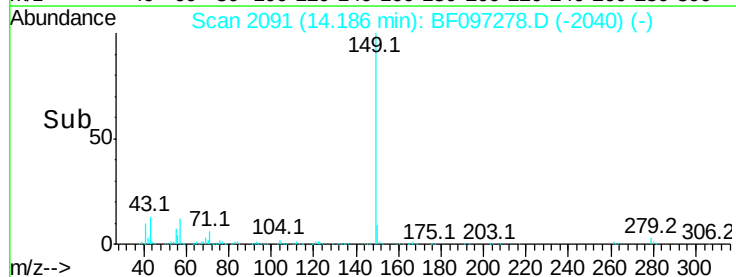
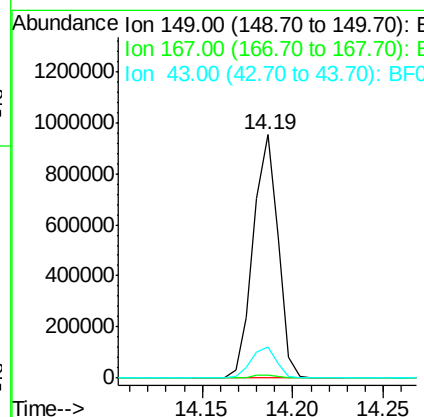
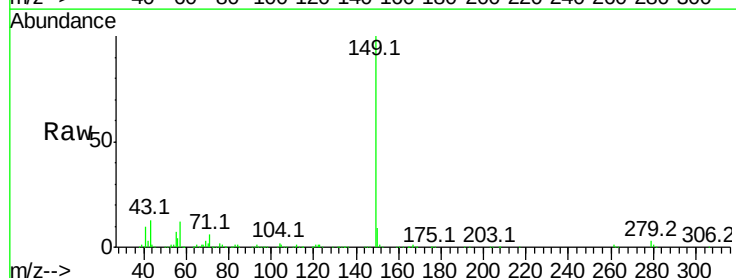
Manual Integrations
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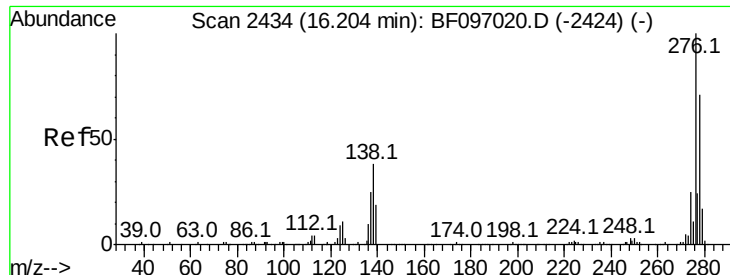
Sohil
 8/3/2017 6:08:05 PM



#84
 Di-n-octyl phthalate
 Concen: 41.757 ng
 RT: 14.19 min Scan# 2091
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	13.1	8.5	12.7#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.004 ng

RT: 16.12 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

Instrument :

BNA_F

ClientSampleId :

PB101158BS

Tot Ion:276 Resp: 484266

Ion Ratio Lower Upper

276 100

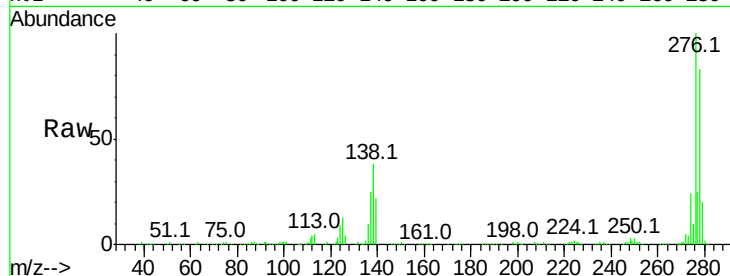
138 36.5 27.8 41.6

277 24.9 20.2 30.4

Manual Integrations
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Sohil

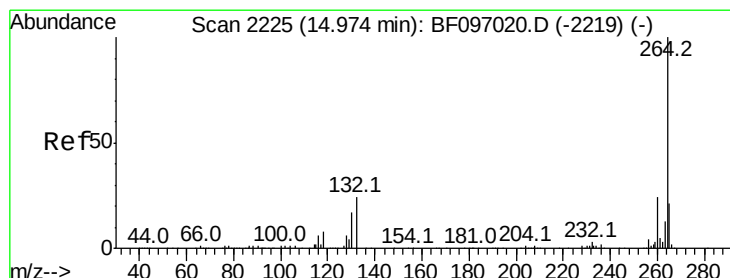
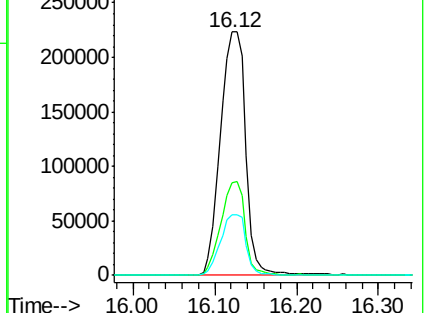
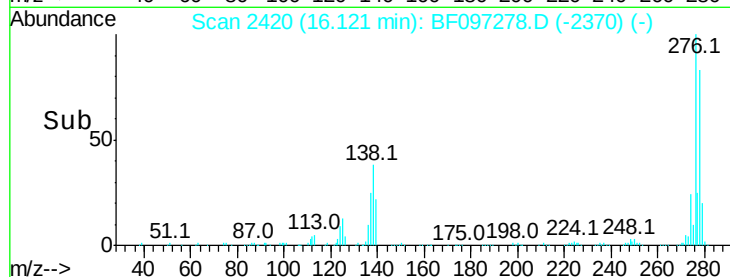
8/3/2017 6:08:05 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.92 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BF097278.D

Acq: 2 Aug 2017 17:29

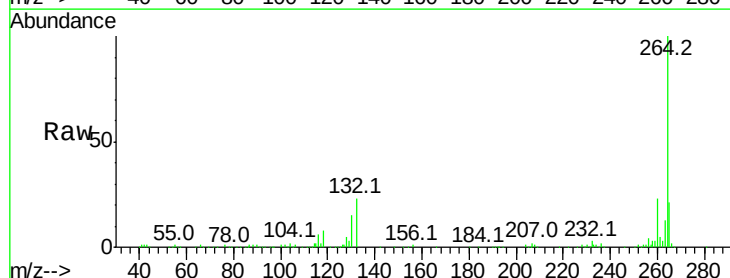
Tgt Ion:264 Resp: 193569

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

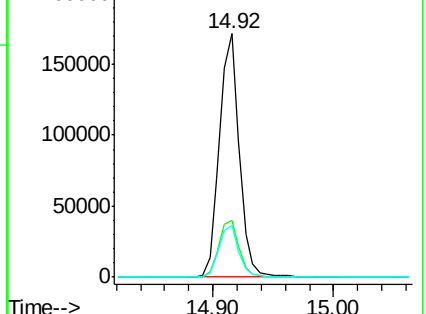
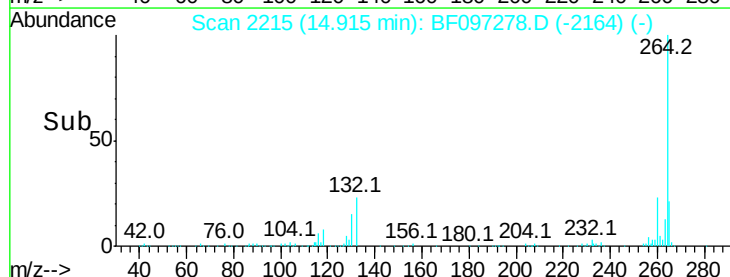
265 21.1 17.2 25.8

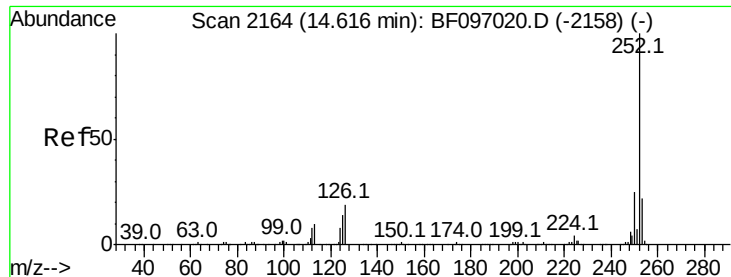


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





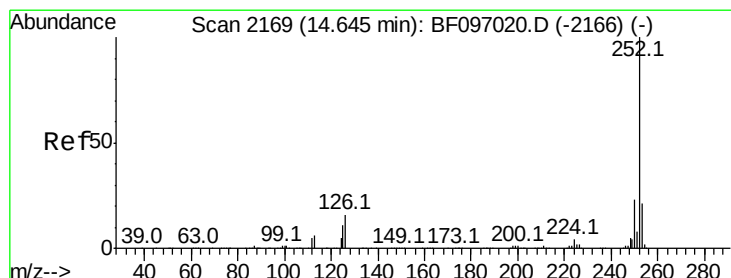
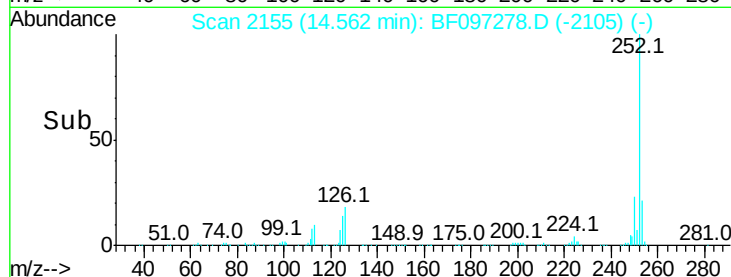
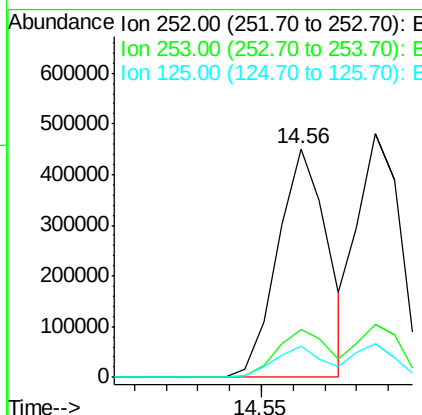
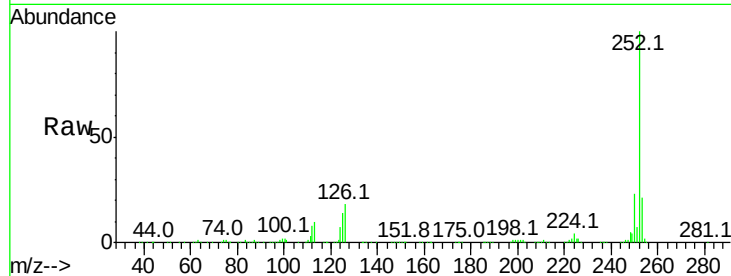
#87
Benzo(b)fluoranthene
Concen: 42.267 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Instrument :
BNA_F
ClientSampleId :
PB101158BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	13.7	9.8	14.8

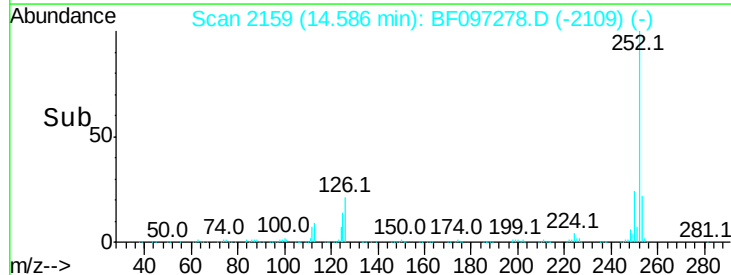
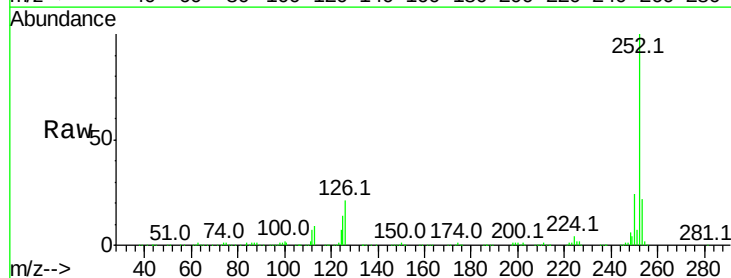
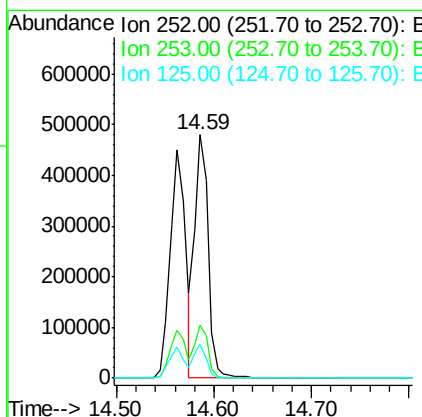
Manual Integrations
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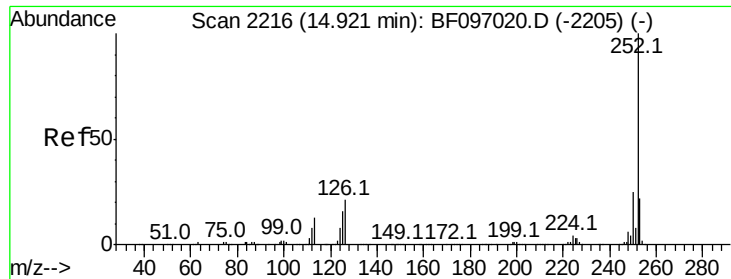
Sohil
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#88
Benzo(k)fluoranthene
Concen: 41.412 ng
RT: 14.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	13.9	13.1	19.7





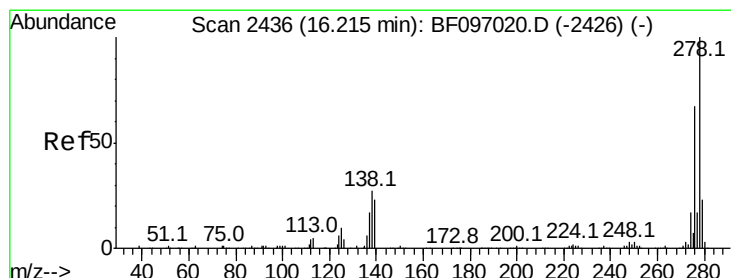
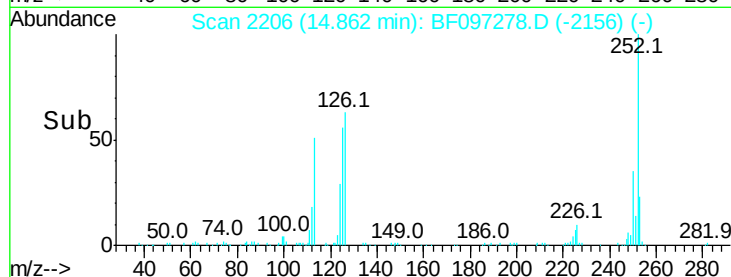
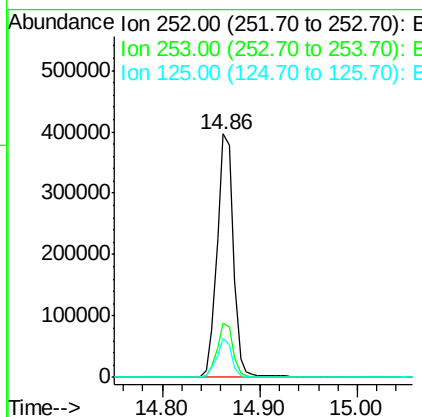
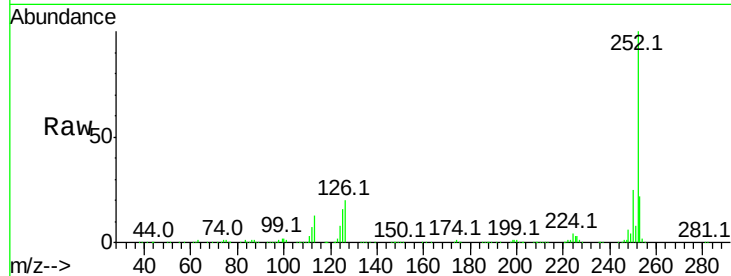
#89
Benzo(a)pyrene
Concen: 43.475 ng
RT: 14.86 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Instrument :
BNA_F
ClientSampleId :
PB101158BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	16.1	11.0	16.4

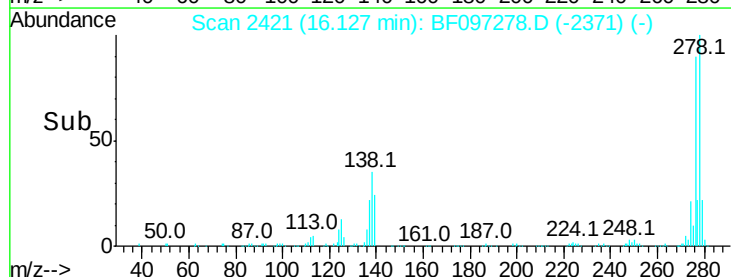
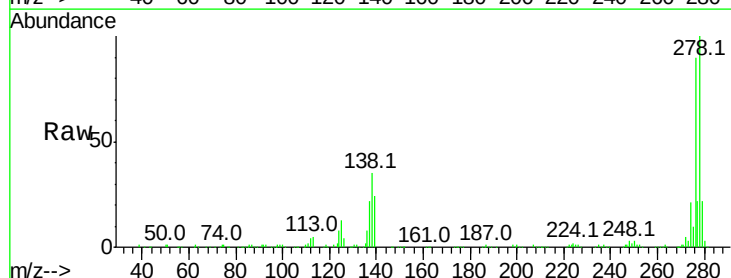
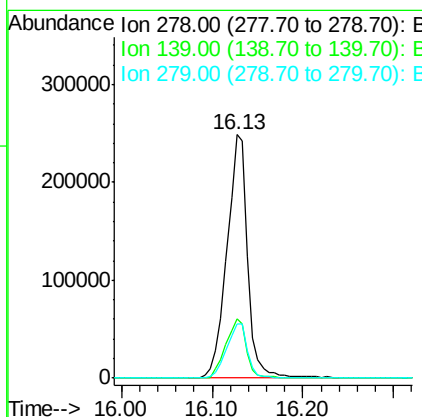
Manual Integrations
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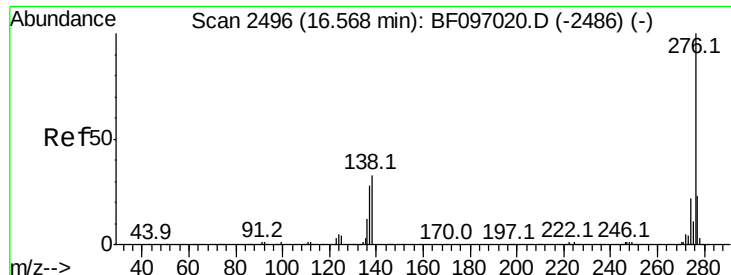
Sohil
8/3/2017 6:08:05 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.268 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BF097278.D
Acq: 2 Aug 2017 17:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.5	16.6	24.8
279	22.2	19.3	28.9





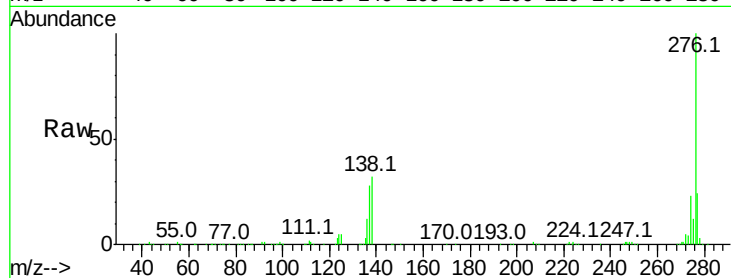
#91
 Benzo(a,h,i)perylene
 Concen: 46.834 ng
 RT: 16.48 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BF097278.D
 Acq: 2 Aug 2017 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101158BS

Tot Ion:	276	Resp:	428910
Ion Ratio		Lower	Upper
276	100		
277	23.6	18.6	28.0
138	32.1	25.4	38.0

Manual Integrations
 APPROVED

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 8/3/2017 6:08:05 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

