

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098378.D
 Acq On : 9 Sep 2017 11:43
 Operator : SJ/JU
 Sample : PB102122BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Manual Integrations
 APPROVED

Sohil
 9/11/2017 2:42:38 PM

Quant Time: Sep 11 04:48:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	105031	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	422571	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	196535	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	389950	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	255659	20.00	ng	-0.04
86) Perylene-d12	15.23	264	187991	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	813363	117.79	ng	0.00
7) Phenol-d6	6.35	99	1088825	116.05	ng	0.00
23) Nitrobenzene-d5	7.25	82	695249	89.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	243947	143.06	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	1119362	83.68	ng	-0.03
78) Terphenyl-d14	12.78	244	971803	79.27	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	123015	31.945	ng	# 86
3) Pyridine	3.08	79	359190	33.740	ng	# 82
4) n-Nitrosodimethylamine	3.03	42	128540	31.380	ng	# 66
6) Aniline	6.35	93	251329	19.069	ng	# 42
8) 2-Chlorophenol	6.47	128	288258	39.584	ng	97
9) Benzaldehyde	6.22	77	64179	10.800	ng	91
10) Phenol	6.36	94	396485	36.134	ng	92
11) bis(2-Chloroethyl)ether	6.42	93	329484	39.784	ng	93
12) 1,3-Dichlorobenzene	6.62	146	298507m	38.109	ng	
13) 1,4-Dichlorobenzene	6.70	146	298072	37.416	ng	96
14) 1,2-Dichlorobenzene	6.85	146	271595	36.974	ng	97
15) Benzyl Alcohol	6.83	79	245855	35.001	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	366536	32.894	ng	# 1
17) 2-Methylphenol	6.96	107	256377	39.951	ng	# 86
18) Hexachloroethane	7.19	117	117405	37.589	ng	# 84
19) n-Nitroso-di-n-propylamine	7.10	70	235390	36.651	ng	# 87
20) 3+4-Methylphenols	7.12	107	345926	44.134	ng	# 64
22) Acetophenone	7.09	105	435846	39.043	ng	# 83
24) Nitrobenzene	7.27	77	347683	40.143	ng	97
25) Isophorone	7.51	82	645645	39.917	ng	99
26) 2-Nitrophenol	7.58	139	156692	49.724	ng	# 83
27) 2,4-Dimethylphenol	7.63	122	270583	40.112	ng	93
28) bis(2-Chloroethoxy)methane	7.72	93	415390	39.063	ng	99
29) 2,4-Dichlorophenol	7.83	162	240727	42.990	ng	94
30) 1,2,4-Trichlorobenzene	7.90	180	245005	39.469	ng	99
31) Naphthalene	7.98	128	847522	38.633	ng	100
32) Benzoic acid	7.80	122	171735	36.684	ng	90
33) 4-Chloroaniline	8.04	127	164778	17.810	ng	97
34) Hexachlorobutadiene	8.10	225	140194	38.681	ng	98
35) Caprolactam	8.45	113	88679m	46.584	ng	
36) 4-Chloro-3-methylphenol	8.55	107	289223	40.201	ng	84
37) 2-Methylnaphthalene	8.67	142	562732	41.839	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	232527	38.551	ng	97
40) Hexachlorocyclopentadiene	8.82	237	218333	75.349	ng	99

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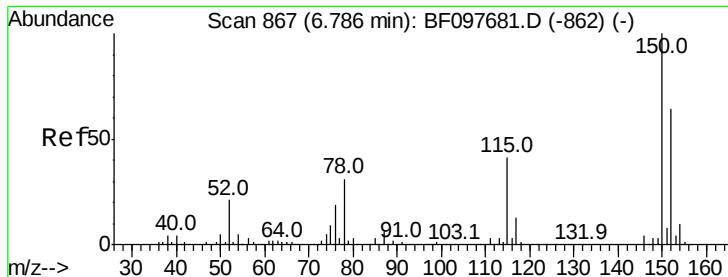
Manual Integrations
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Quant Time: Sep 11 04:48:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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 QLast Update : Tue Sep 05 17:28:20 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	162858	40.217	nq	98
43) 2,4,5-Trichlorophenol	9.01	196	172106	42.841	nq	98
45) 1,1'-Biphenyl	9.14	154	667265	37.231	nq	96
46) 2-Chloronaphthalene	9.16	162	492115	37.162	nq	# 92
47) 2-Nitroaniline	9.27	65	184056	41.460	nq	94
48) Acenaphthylene	9.57	152	810551	38.978	nq	99
49) Dimethylphthalate	9.45	163	610970	42.528	nq	99
50) 2,6-Dinitrotoluene	9.51	165	131921	46.004	nq	# 76
51) Acenaphthene	9.75	154	479217	36.539	nq	100
52) 3-Nitroaniline	9.68	138	118619	32.061	nq	98
53) 2,4-Dinitrophenol	9.79	184	100871	74.715	nq	# 73
54) Dibenzofuran	9.92	168	701603	39.915	nq	97
55) 4-Nitrophenol	9.87	139	191517	64.891	nq	# 58
56) 2,4-Dinitrotoluene	9.92	165	161572	44.897	nq	# 57
57) Fluorene	10.26	166	550405	40.501	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.05	232	142404	45.784	nq	89
59) Diethylphthalate	10.15	149	637384	42.426	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	257917	40.852	nq	88
61) 4-Nitroaniline	10.30	138	146800	41.747	nq	81
62) Azobenzene	10.42	77	704422	39.474	nq	93
64) 4,6-Dinitro-2-methylphenol	10.33	198	80109	44.359	nq	# 76
65) n-Nitrosodiphenylamine	10.37	169	510651	38.456	nq	99
66) 4-Bromophenyl-phenylether	10.74	248	163862	40.466	nq	97
67) Hexachlorobenzene	10.81	284	160330	38.845	nq	93
68) Atrazine	10.92	200	151786	43.102	nq	97
69) Pentachlorophenol	11.01	266	154209	64.080	nq	98
70) Phenanthrene	11.22	178	806260	38.801	nq	99
71) Anthracene	11.27	178	828968	39.333	nq	99
72) Carbazole	11.43	167	769849	38.482	nq	97
73) Di-n-butylphthalate	11.76	149	1001281	43.452	nq	99
74) Fluoranthene	12.40	202	845915	39.002	nq	98
76) Benzidine	12.53	184	222076	26.493	nq	# 92
77) Pyrene	12.63	202	850796	40.689	nq	98
79) Butylbenzylphthalate	13.25	149	396775	49.492	nq	# 73
80) Benzo(a)anthracene	13.82	228	576935	37.652	nq	99
81) 3,3'-Dichlorobenzidine	13.78	252	179746	34.764	nq	# 97
82) Chrysene	13.86	228	573138	37.601	nq	99
83) Bis(2-ethylhexyl)phthalate	13.81	149	549005	61.799	nq	# 99
84) Di-n-octyl phthalate	14.42	149	871439	56.378	nq	# 97
85) Indeno(1,2,3-cd)pyrene	16.59	276	494803	44.128	nq	96
87) Benzo(b)fluoranthene	14.83	252	468382	39.527	nq	99
88) Benzo(k)fluoranthene	14.86	252	457819	41.123	nq	# 93
89) Benzo(a)pyrene	15.17	252	441446	42.082	nq	99
90) Dibenzo(a,h)anthracene	16.59	278	408169	47.794	nq	99
91) Benzo(g,h,i)perylene	16.99	276	425822	47.786	nq	95

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



#1

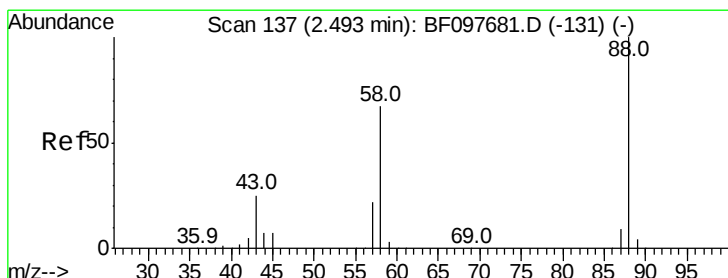
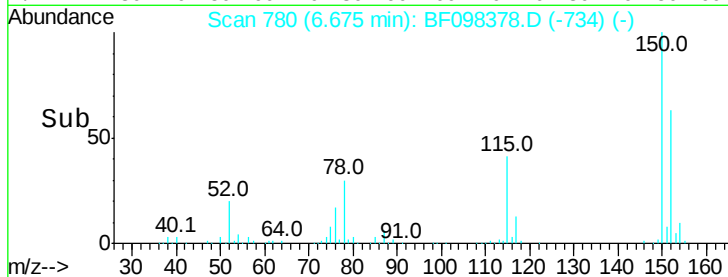
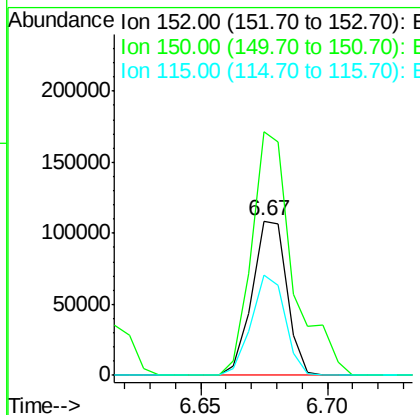
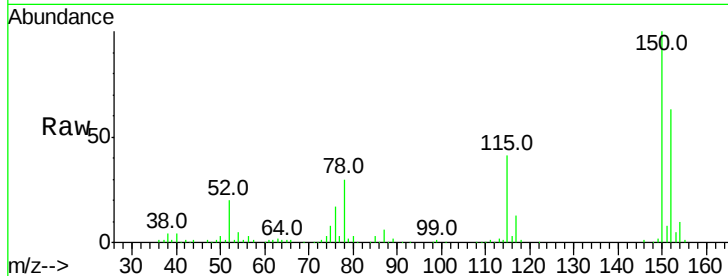
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	65.1	52.2	78.2

Manual Integrations
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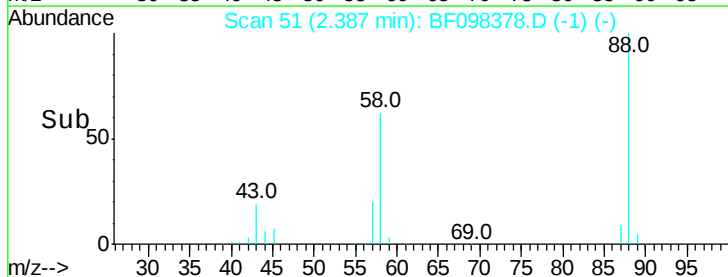
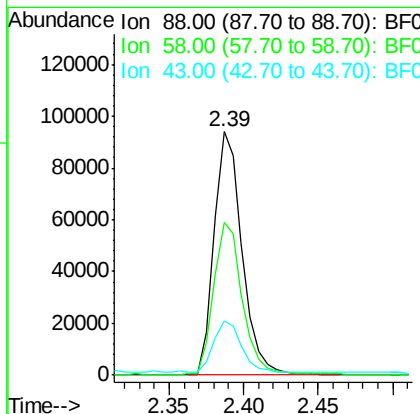
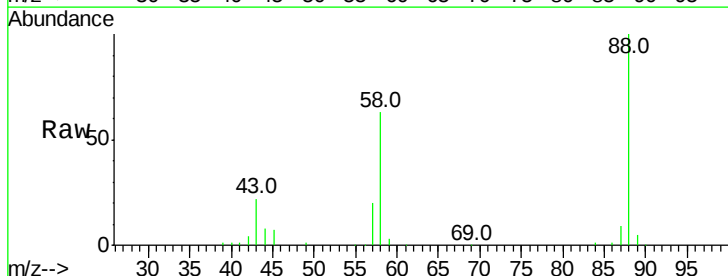
Sohil
9/11/2017 2:42:38 PM

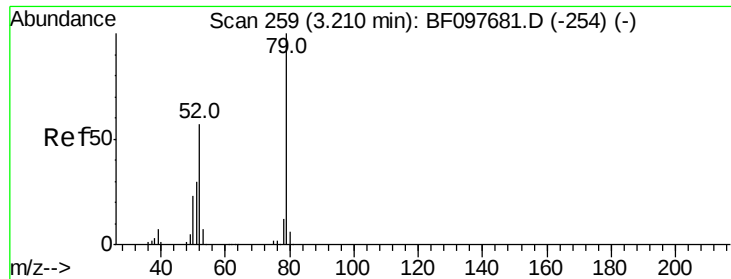


#2

1,4-Dioxane
Concen: 31.945 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.06 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.1	61.4	92.0
43	21.4	23.4	35.0#





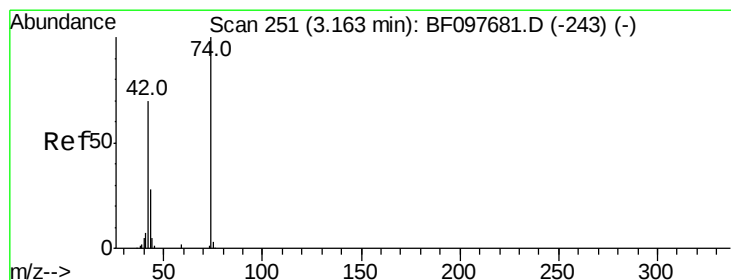
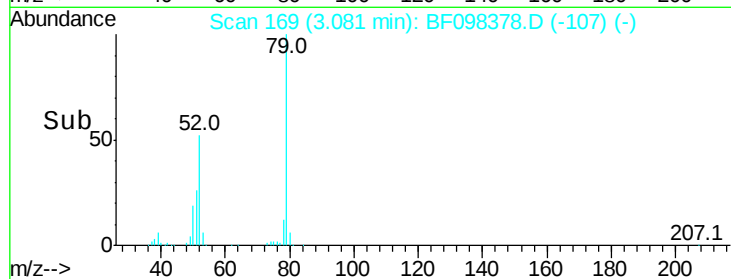
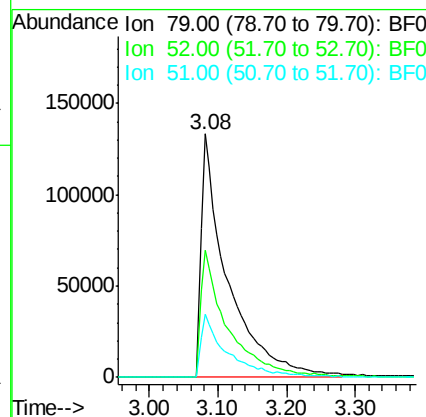
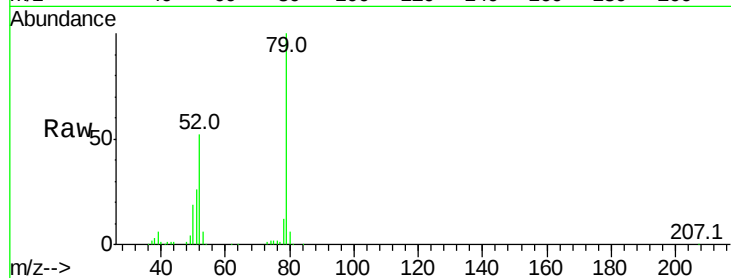
#3
 Pvridine
 Concen: 33.740 ng
 RT: 3.08 min Scan# 169
 Delta R.T. 0.06 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	52.4	54.8	82.2#
51	25.8	27.0	40.4#

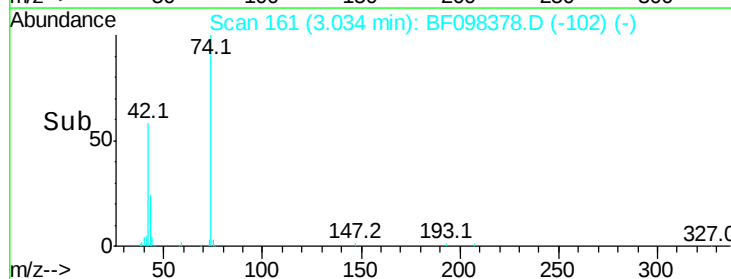
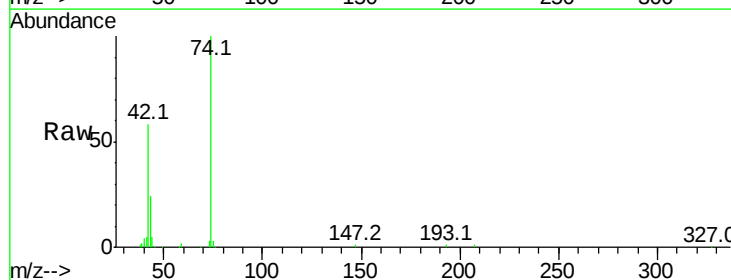
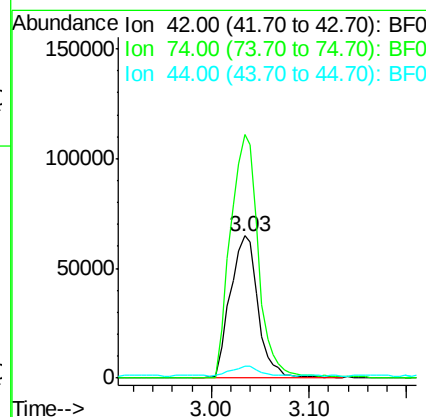
Manual Integrations
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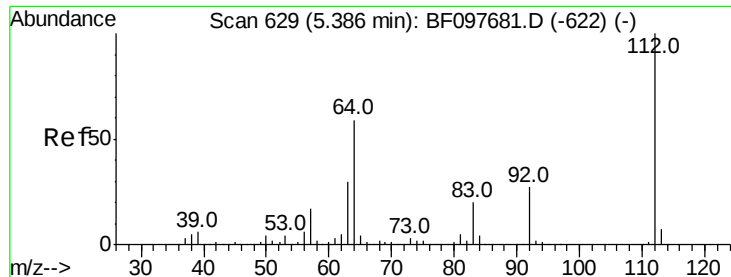
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#4
 n-Nitrosodimethylamine
 Concen: 31.380 ng
 RT: 3.03 min Scan# 161
 Delta R.T. 0.05 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	171.3	103.9	155.9#
44	8.0	5.7	8.5





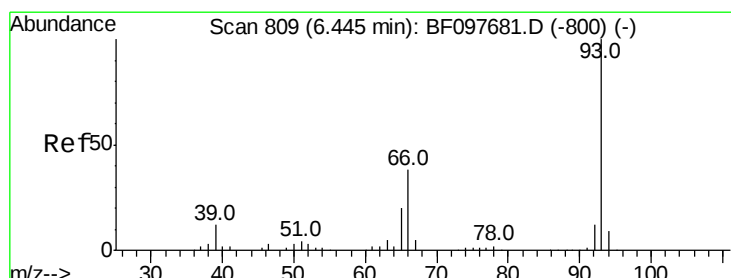
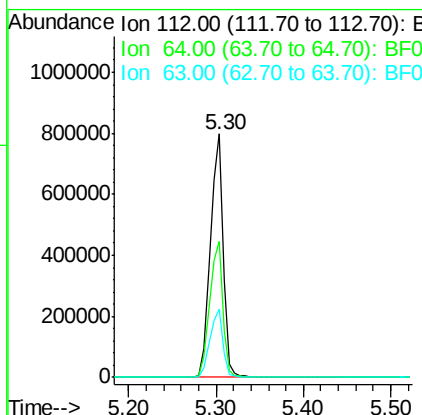
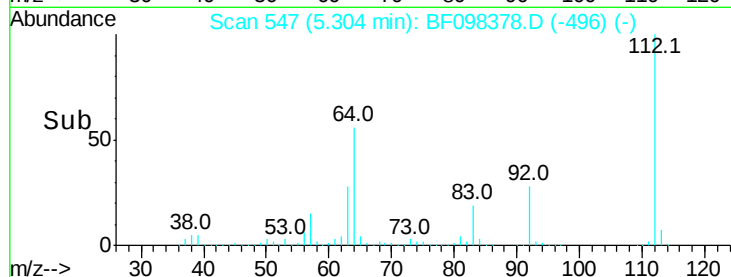
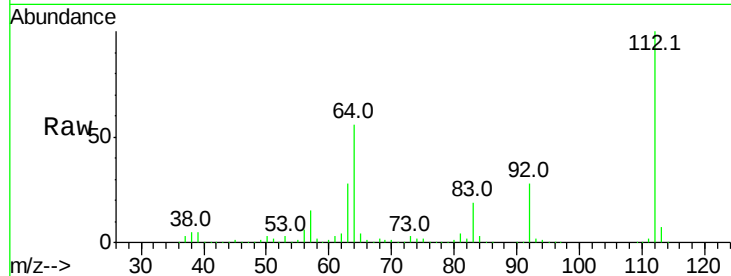
#5
 2-Fluorophenol
 Concen: 117.792 ng
 RT: 5.30 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleID :
 PB102122BS

Tot Ion:	112	Resp:	813363
Ion Ratio	Lower	Upper	
112	100		
64	56.0	46.0	69.0
63	27.9	23.4	35.0

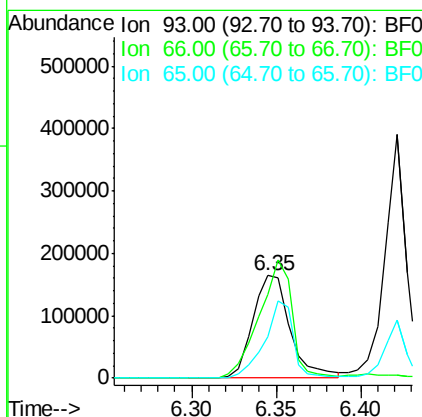
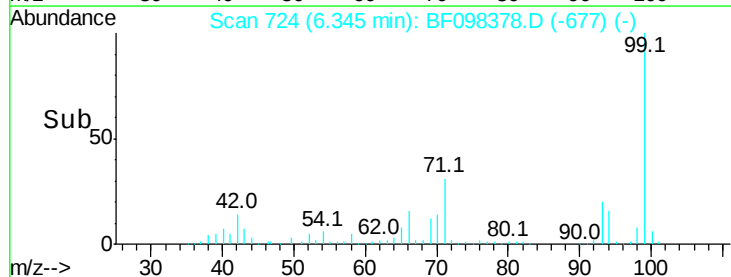
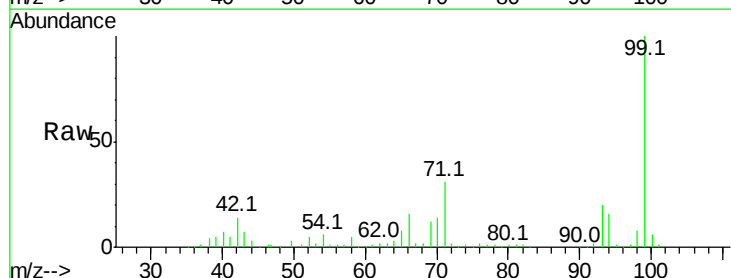
Manual Integrations
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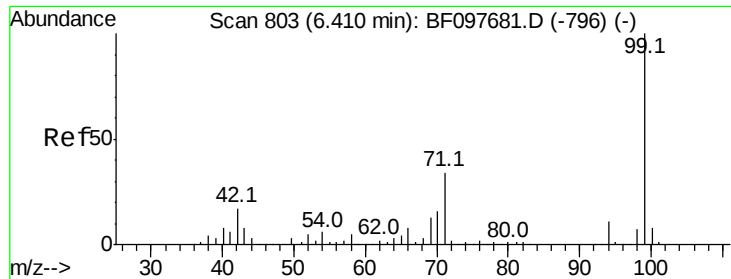
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#6
 Aniline
 Concen: 19.069 ng
 RT: 6.35 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion:	93	Resp:	251329
Ion Ratio	Lower	Upper	
93	100		
66	81.4	32.9	49.3#
65	40.7	16.0	24.0#





#7

Phenol-d6

Concen: 116.055 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampleId :

PB102122BS

Tot Ion: 99 Resp: 1088825

Ion Ratio Lower Upper

99 100

42 13.6 13.5 20.3

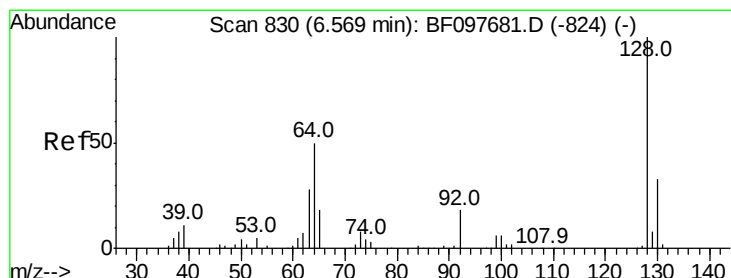
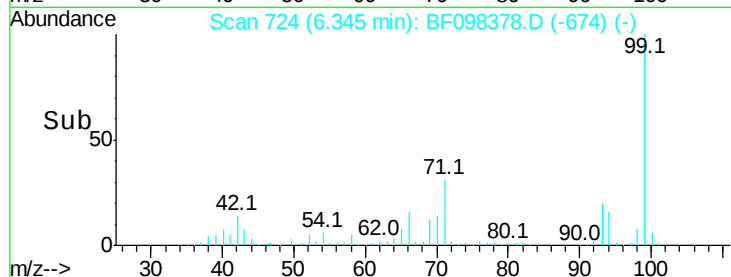
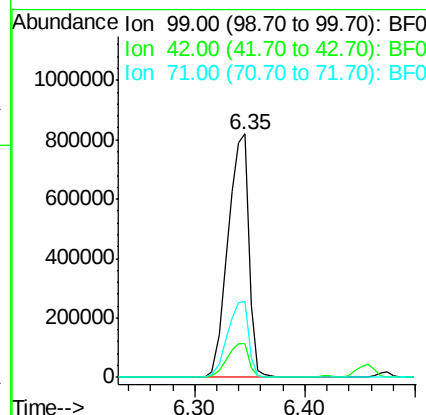
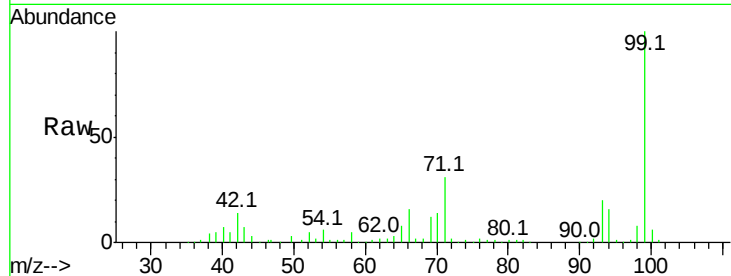
71 31.0 24.5 36.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.584 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

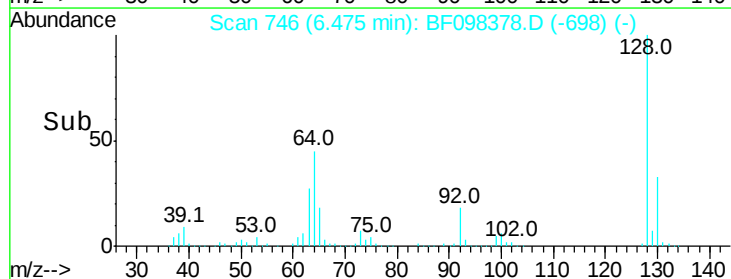
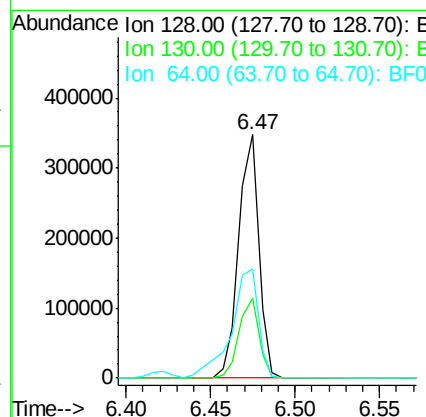
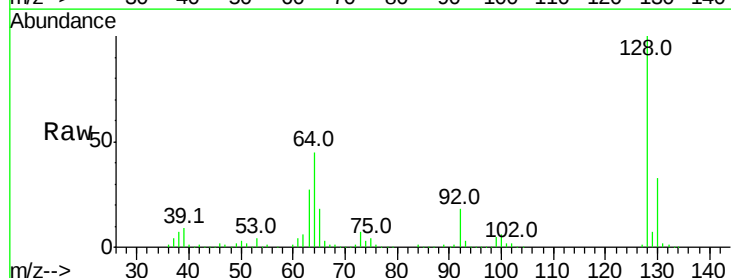
Tgt Ion: 128 Resp: 288258

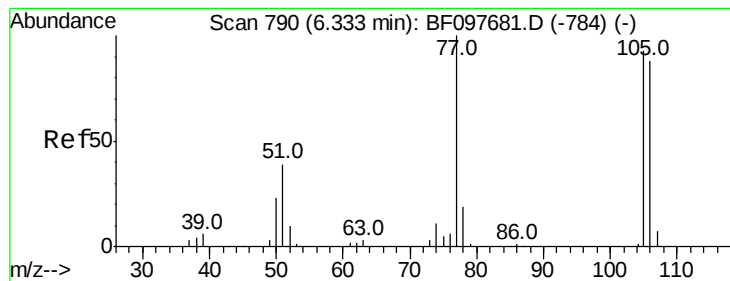
Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

64 44.8 28.4 68.4





#9

Benzaldehyde

Concen: 10.800 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.03 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampleID :

PB102122BS

Tot Ion: 77 Resp: 64179

Ion Ratio Lower Upper

77 100

105 93.6 83.8 123.8

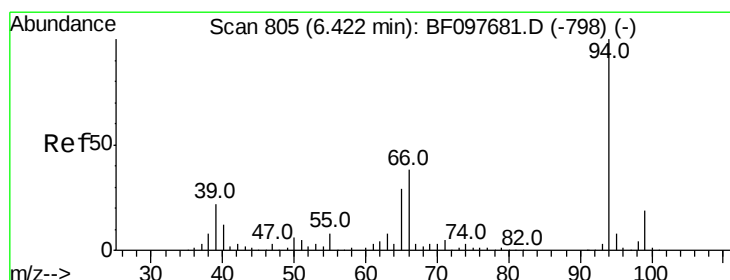
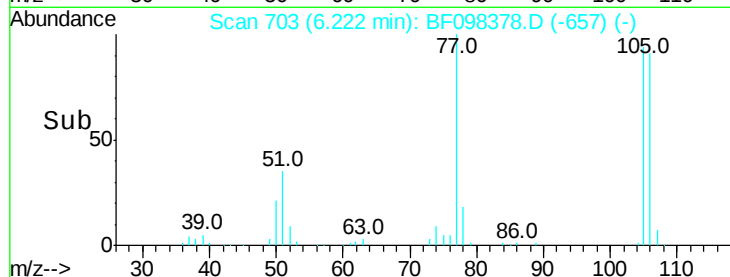
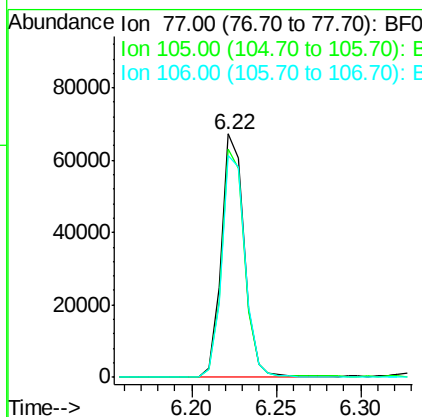
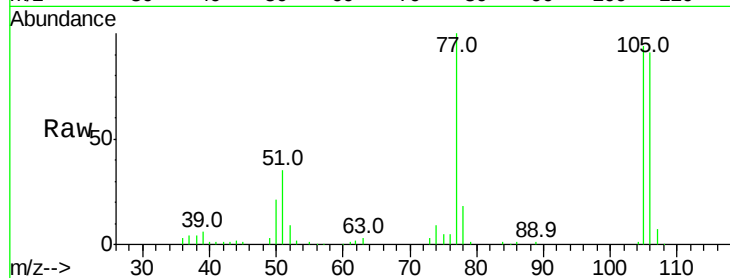
106 91.0 79.1 119.1

Manual Integrations

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#10

Phenol

Concen: 36.134 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

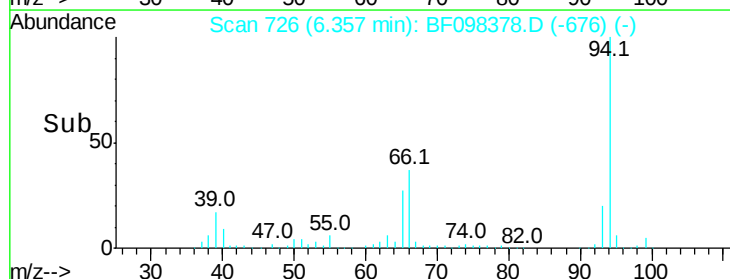
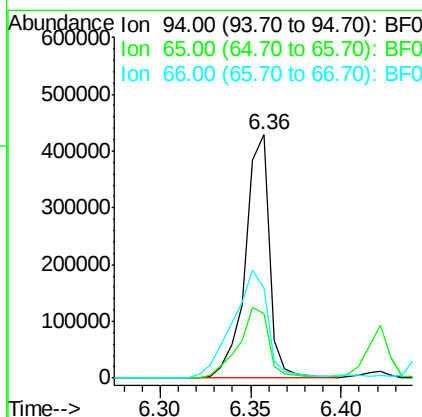
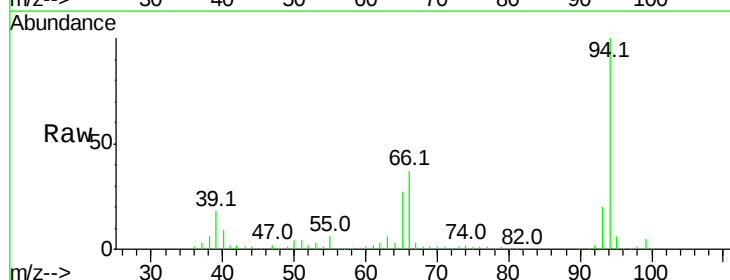
Tgt Ion: 94 Resp: 396485

Ion Ratio Lower Upper

94 100

65 26.6 9.9 49.9

66 36.9 23.1 63.1





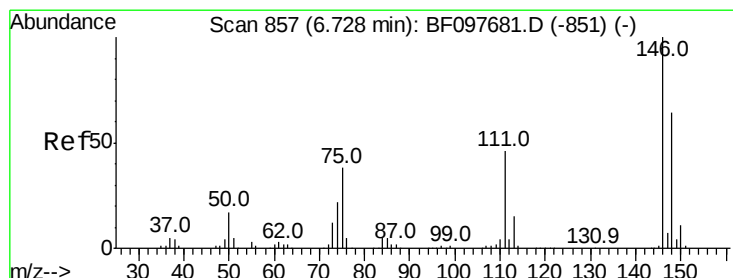
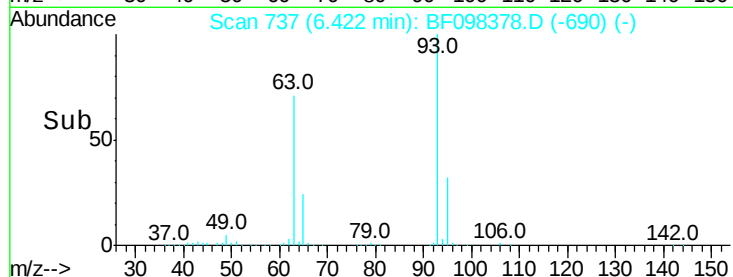
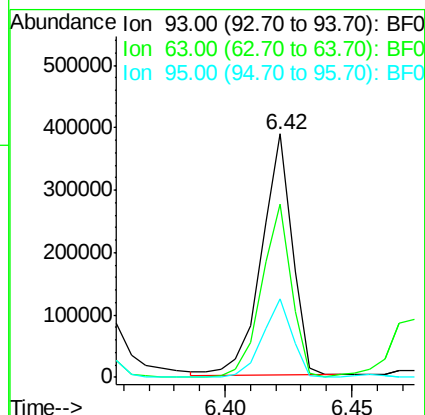
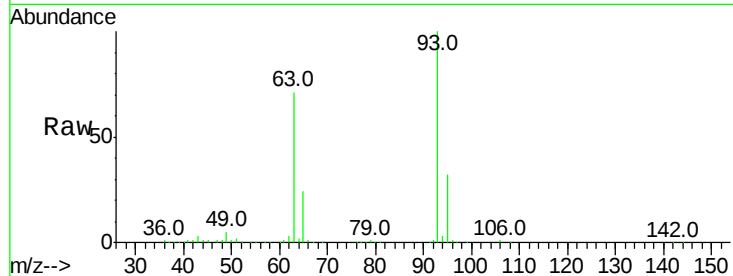
#11
bis(2-Chloroethyl)ether
Concen: 39.784 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampled :
PB102122BS

Tot Ion	93	Resp	329484
Ion Ratio	100	Lower	Upper
93	100		
63	71.1	59.2	99.2
95	32.3	12.8	52.8

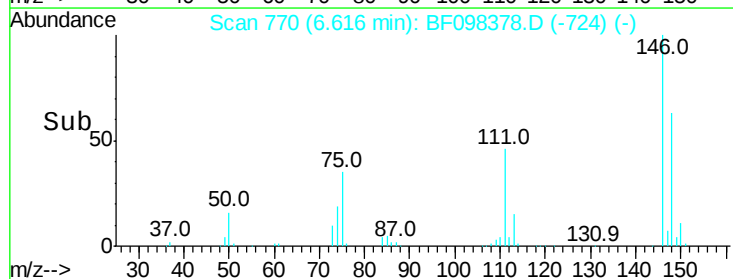
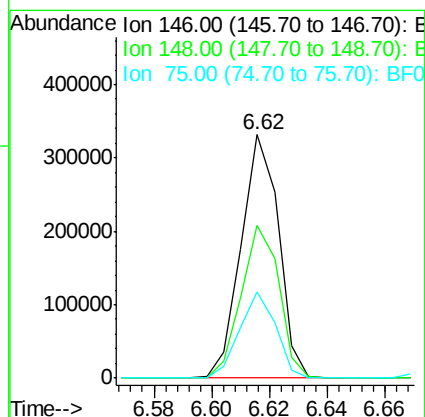
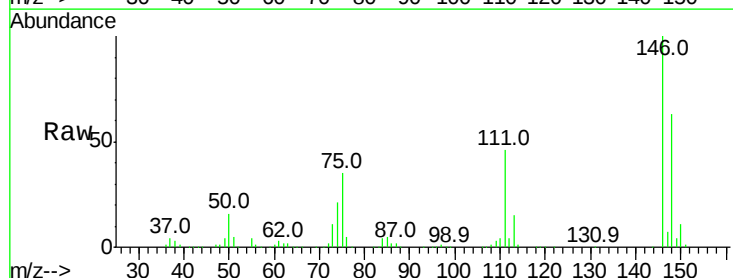
Manual Integrations
APPROVED

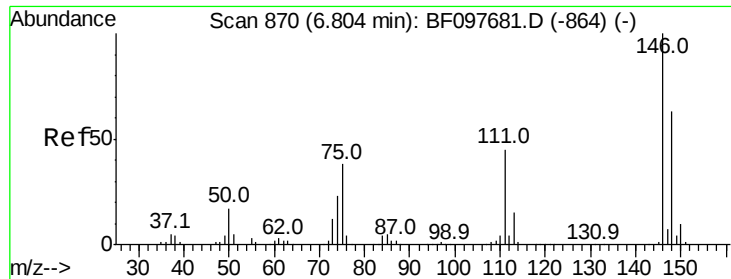
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.109 ng m
RT: 6.62 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	146	Resp	298507
Ion Ratio	100	Lower	Upper
146	100		
148	62.7	51.8	77.6
75	35.5	23.1	34.7#





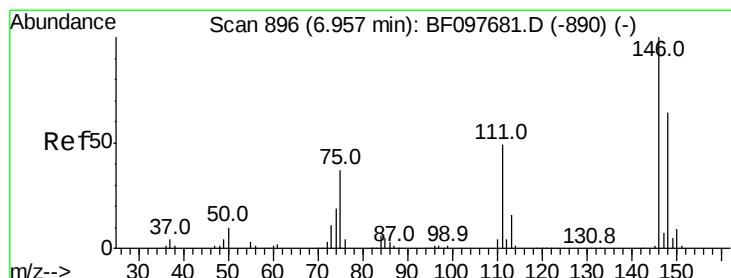
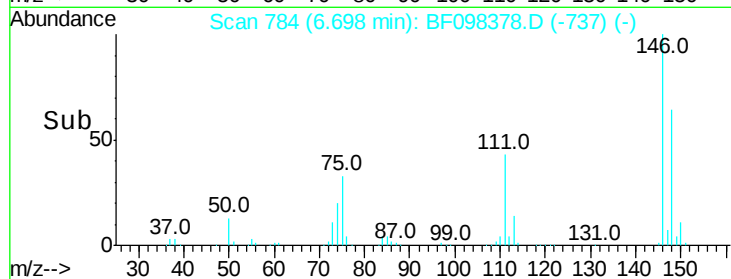
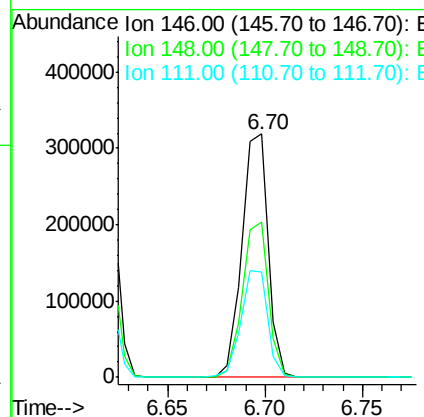
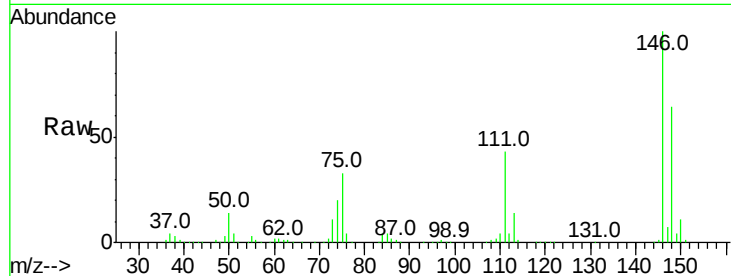
#13
 1,4-Dichlorobenzene
 Concen: 37.416 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.2
111	43.1	30.3	45.5

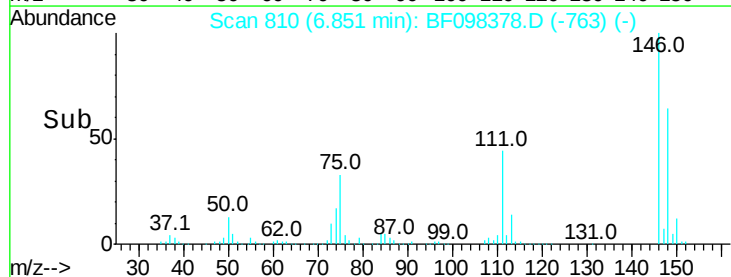
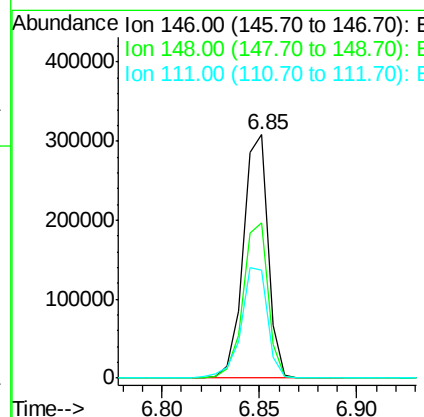
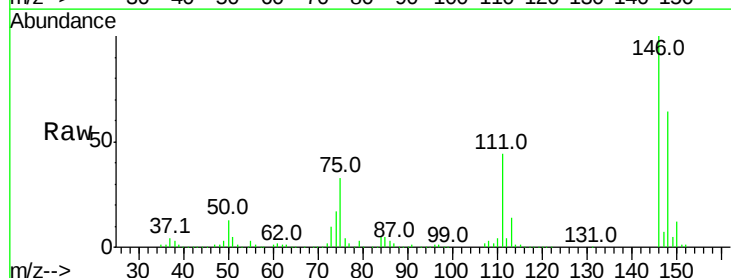
Manual Integrations
 APPROVED

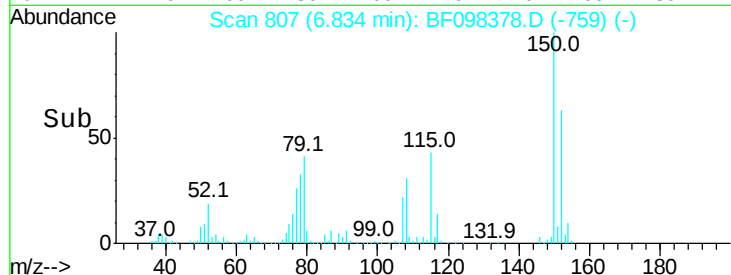
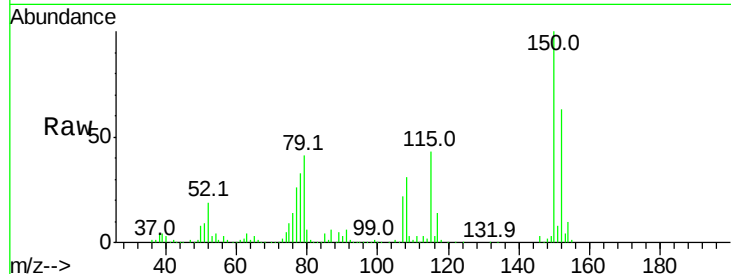
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#14
 1,2-Dichlorobenzene
 Concen: 36.974 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	44.1	38.2	57.4





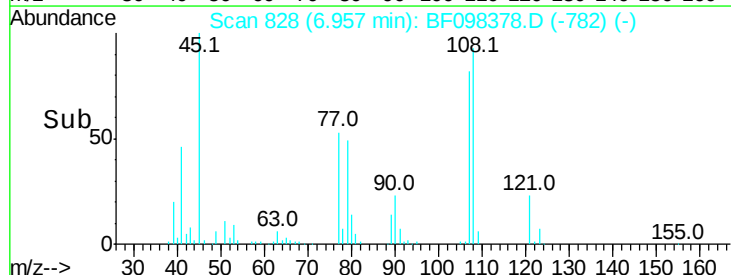
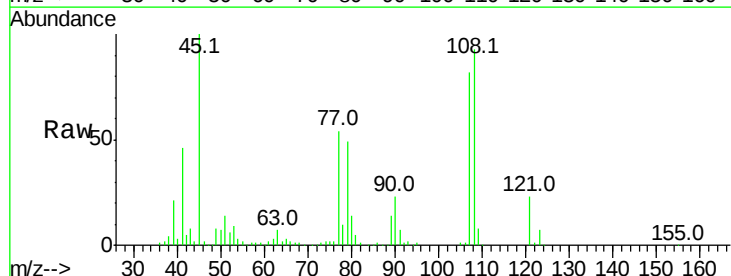
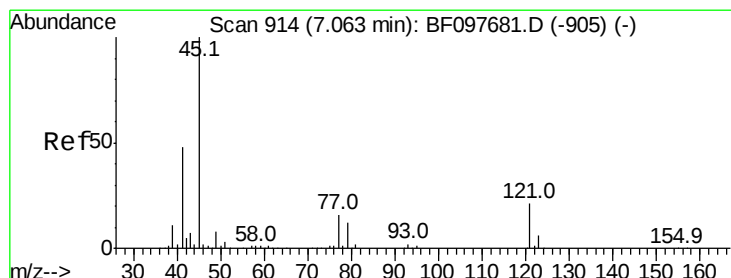
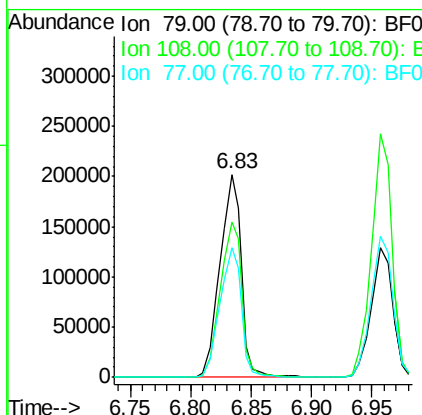
#15
Benzyl Alcohol
Concen: 35.001 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tot Ion	Ratio	Resp	Lower	Upper
79	100	245855		
108	76.4	63.4	95.0	
77	63.9	49.2	73.8	

Instrument :
BNA_F
ClientSampleId :
PB102122BS

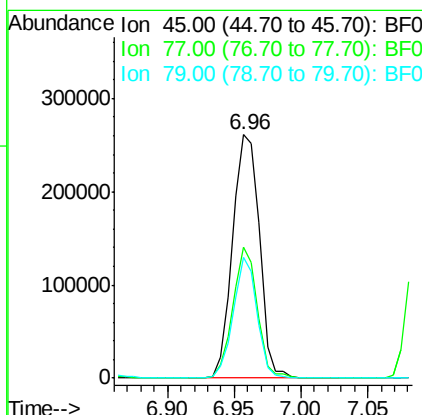
Manual Integrations
APPROVED

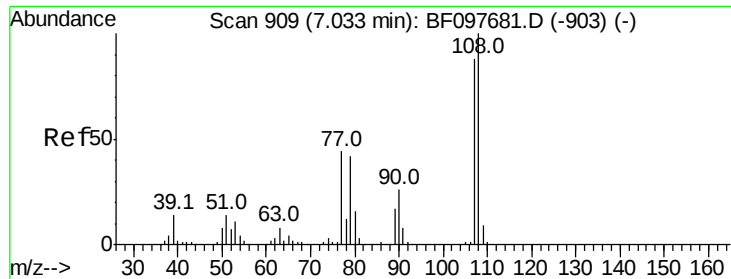
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.894 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	366536		
77	53.9	0.0	33.2#	
79	49.4	0.0	30.0#	





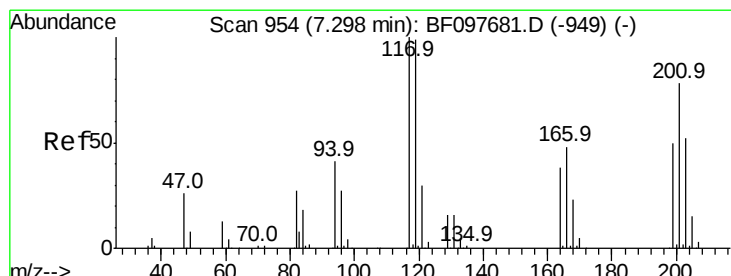
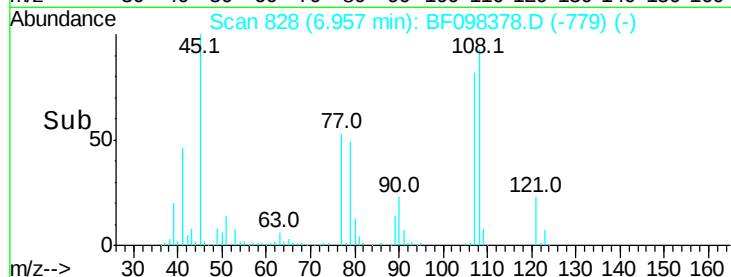
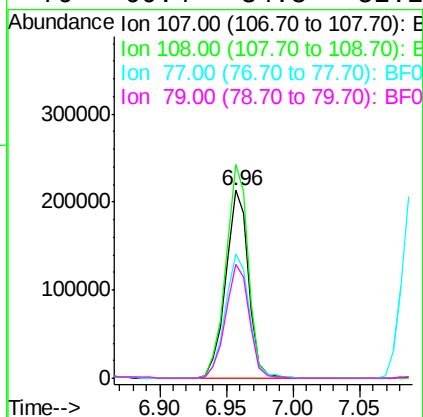
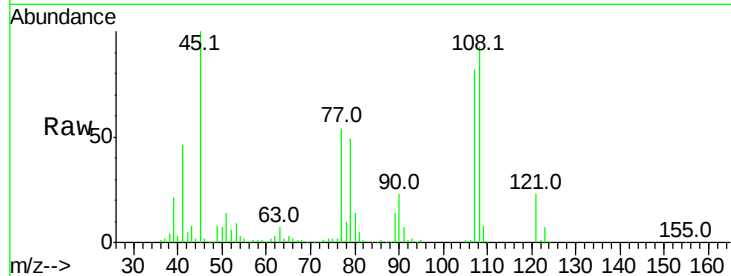
#17
2-Methylphenol
Concen: 39.951 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	93.4	140.0	
77	65.9	35.8	53.6#	
79	60.4	34.8	52.2#	

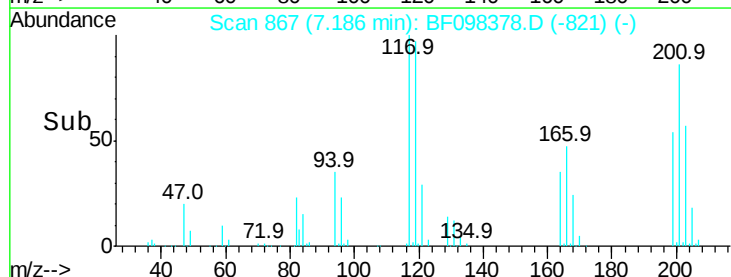
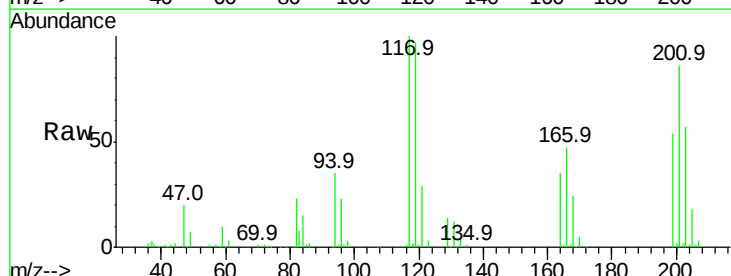
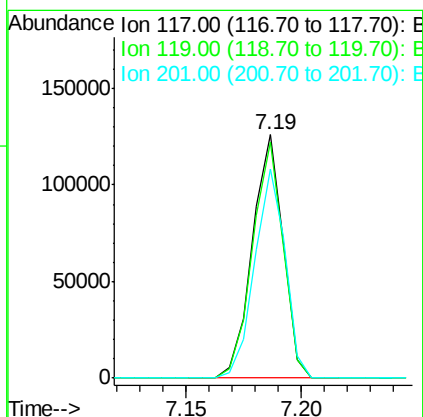
Manual Integrations
APPROVED

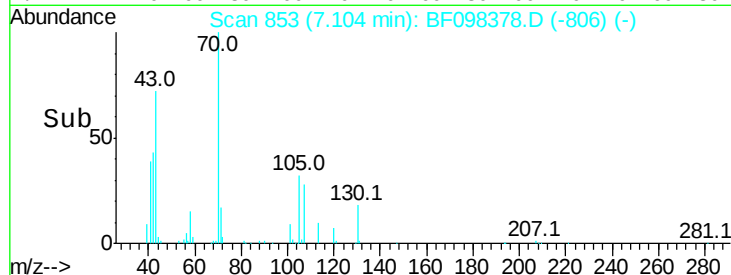
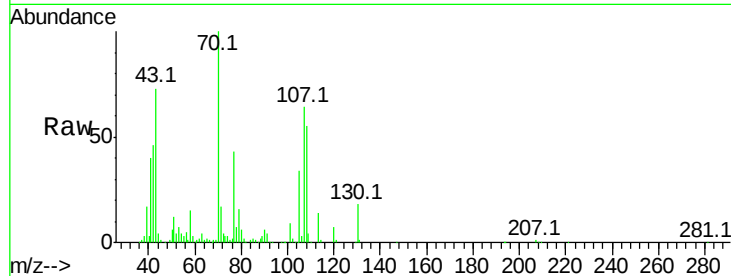
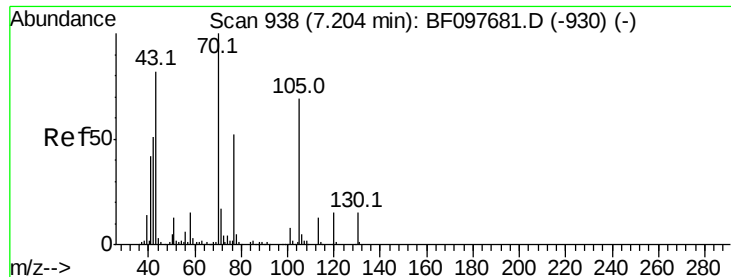
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#18
Hexachloroethane
Concen: 37.589 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	77.4	116.0	
201	86.0	94.6	141.8#	





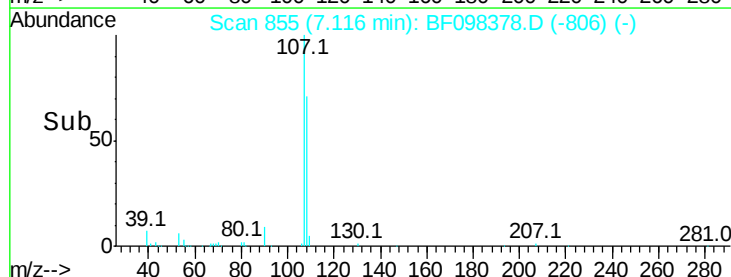
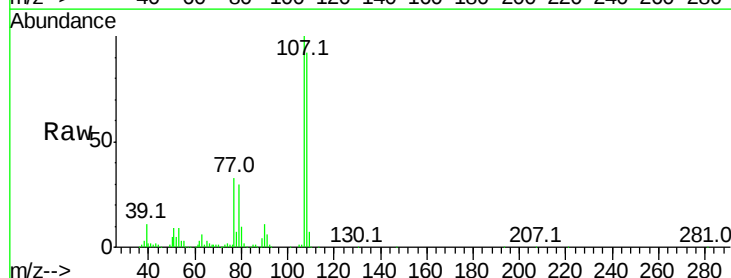
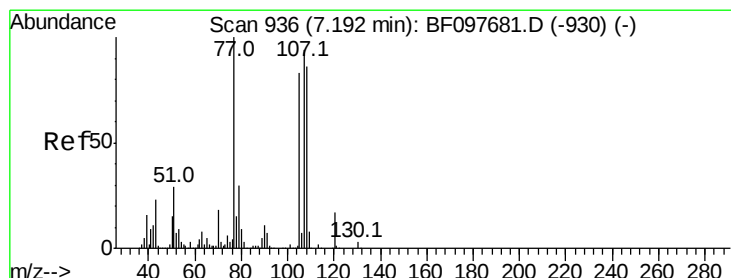
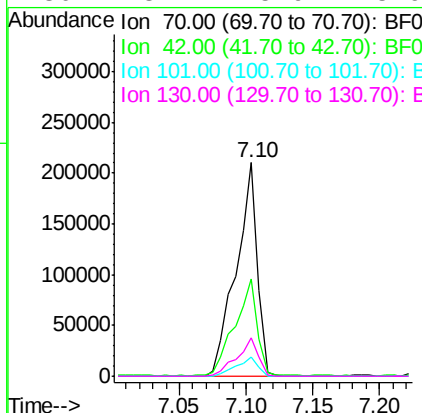
#19
n-Nitroso-di-n-propylamine
Concen: 36.651 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.8	47.2	70.8#
101	9.3	7.2	10.8
130	18.1	15.9	23.9

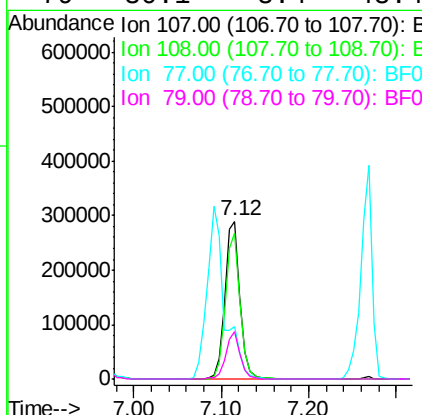
Manual Integrations
APPROVED

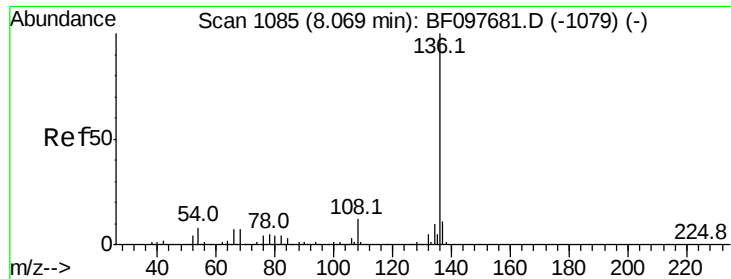
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#20
3+4-Methylphenols
Concen: 44.134 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	71.0	111.0
77	33.1	90.5	130.5#
79	30.1	8.4	48.4





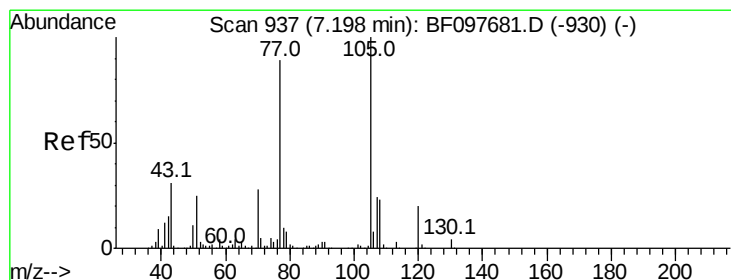
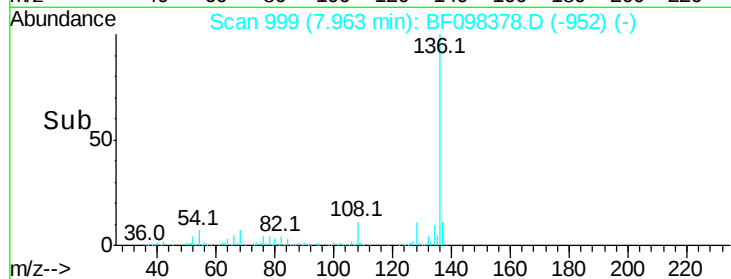
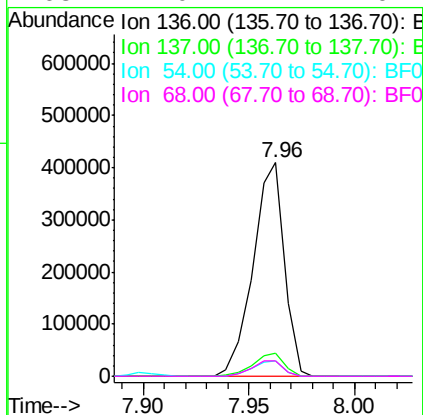
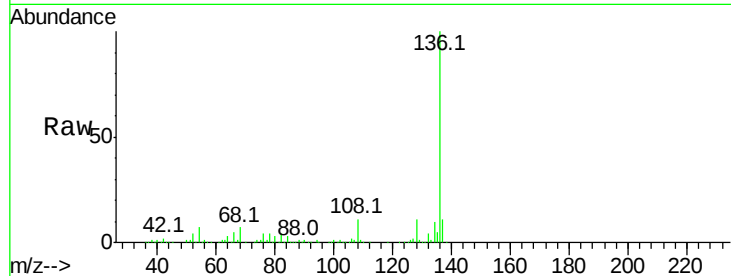
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	422571		
137	10.7	8.5	12.7	
54	7.1	4.9	7.3	
68	7.0	4.1	6.1#	

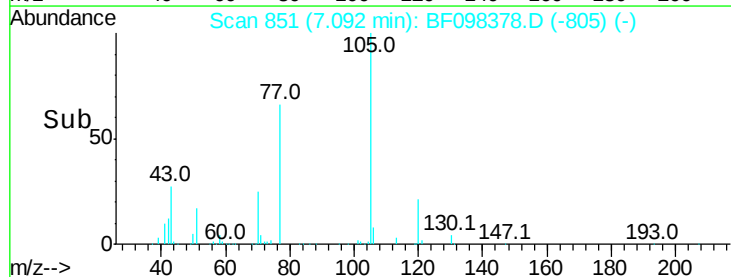
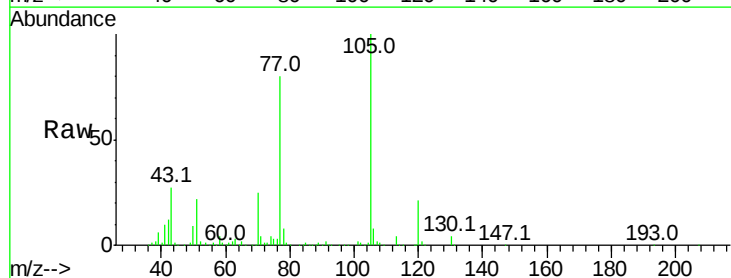
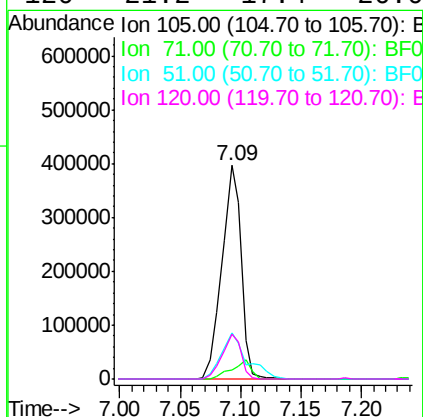
Manual Integrations
APPROVED

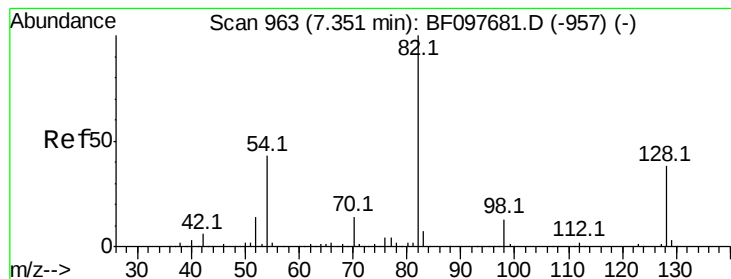
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#22
Acetophenone
Concen: 39.043 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	435846		
71	4.2	2.8	4.2	
51	21.6	30.7	46.1#	
120	21.2	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 89.379 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

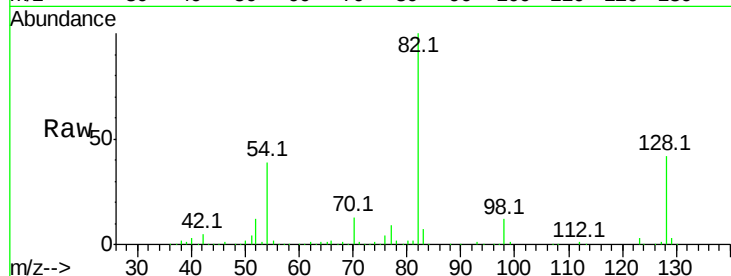
ClientSampleId :

PB102122BS

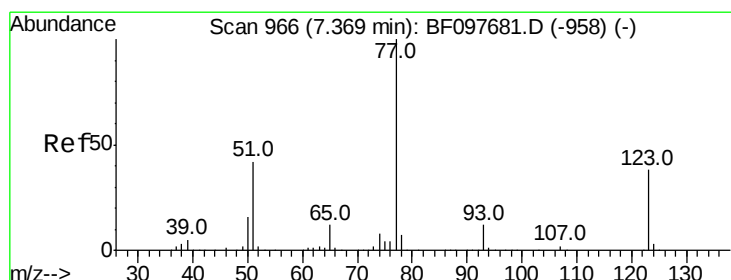
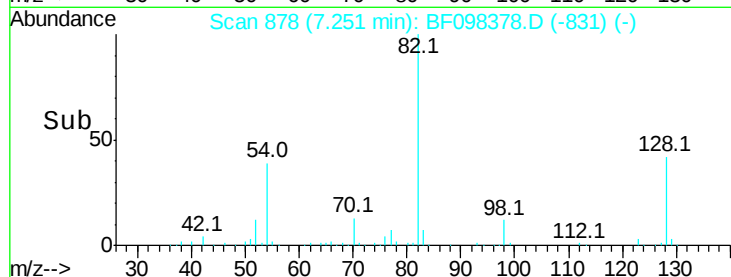
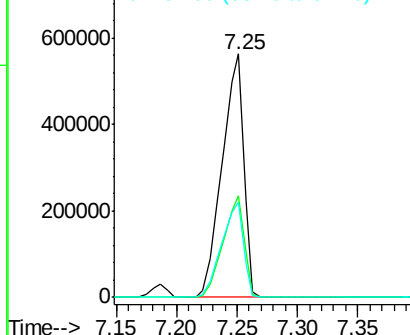
Tot Ion:	82	Resp:	695249
Ion Ratio	Lower	Upper	
82	100		
128	41.6	34.0	51.0
54	39.2	42.2	63.2#

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.143 ng

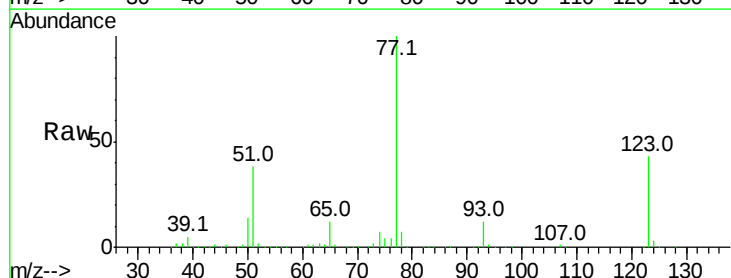
RT: 7.27 min Scan# 881

Delta R.T. -0.02 min

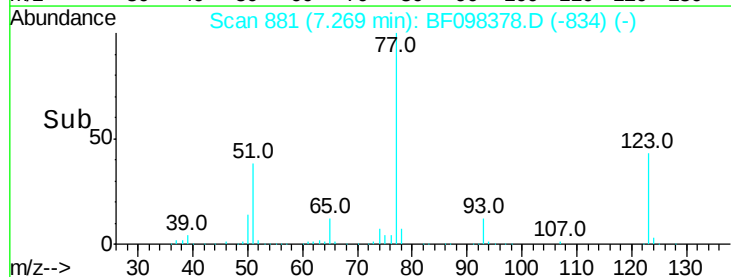
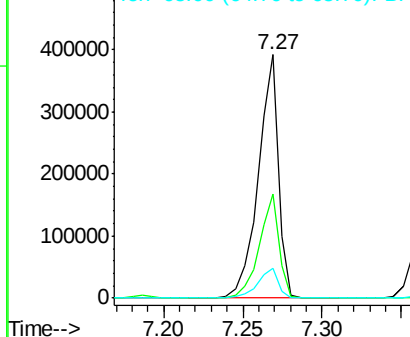
Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Tgt Ion:	77	Resp:	347683
Ion Ratio	Lower	Upper	
77	100		
123	42.7	35.8	53.8
65	12.1	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.917 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

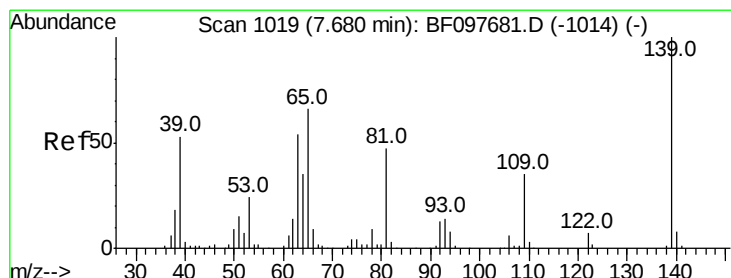
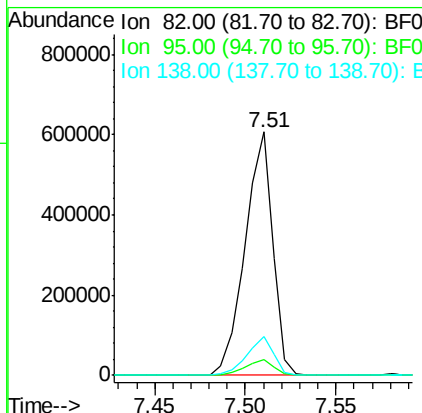
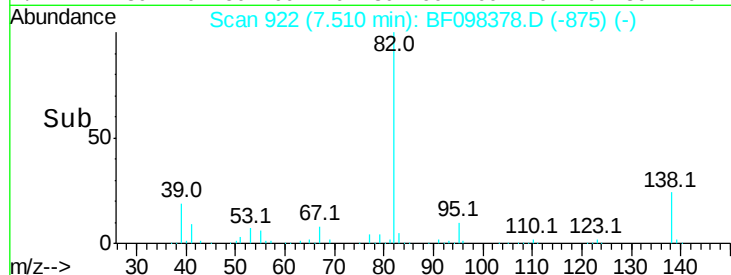
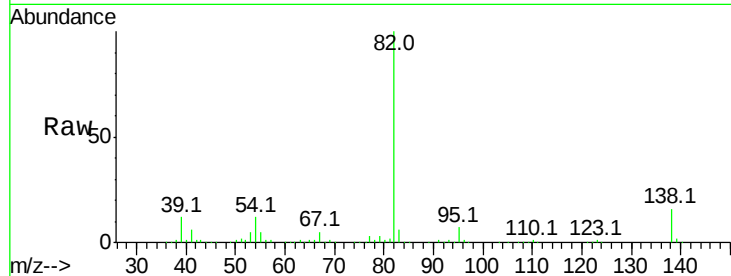
ClientSampleId :

PB102122BS

Tot Ion:	82	Resp:	645645
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	15.7	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.724 ng

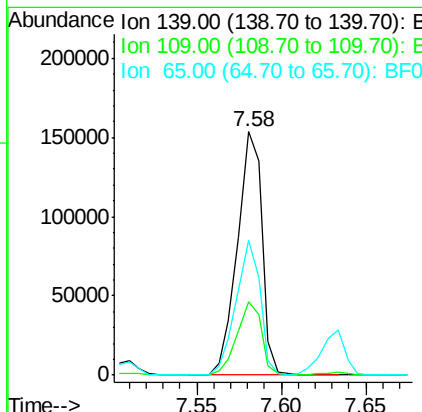
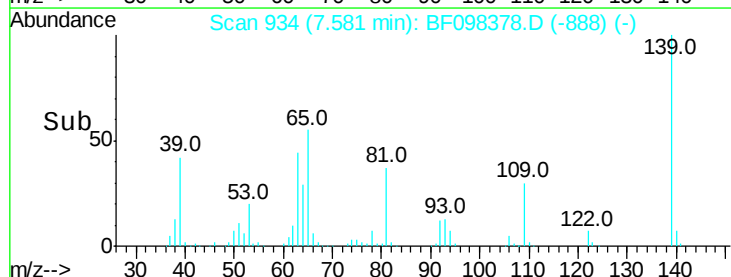
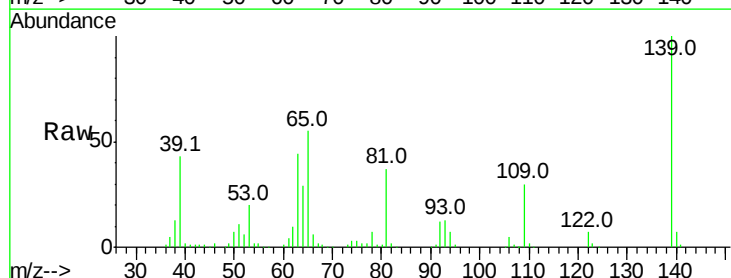
RT: 7.58 min Scan# 934

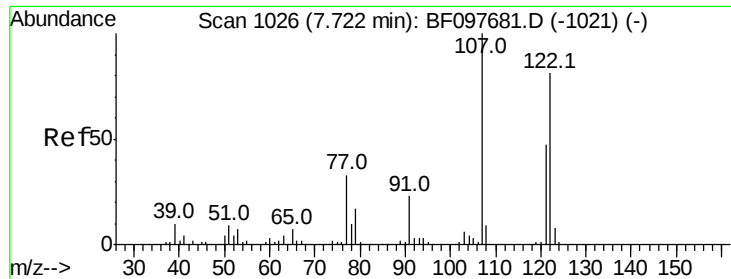
Delta R.T. -0.03 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Tgt Ion:	139	Resp:	156692
Ion Ratio	Lower	Upper	
139	100		
109	30.3	21.0	31.6
65	55.3	33.0	49.6#





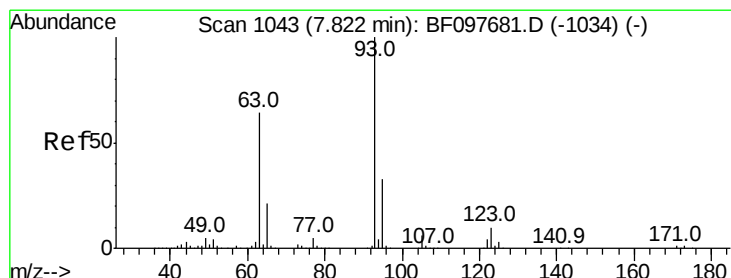
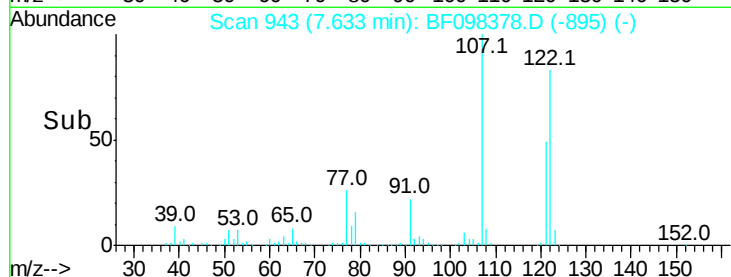
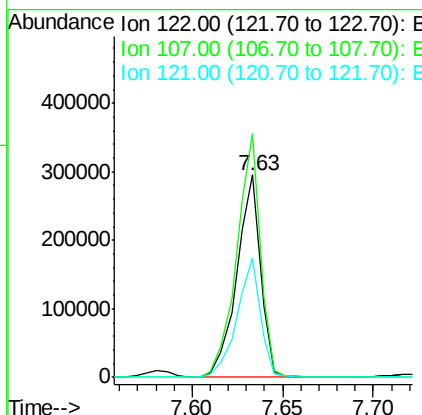
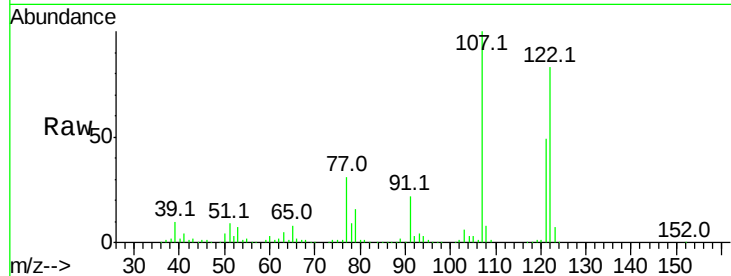
#27
 2,4-Dimethylphenol
 Concen: 40.112 ng
 RT: 7.63 min Scan# 943
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion:	122	Resp:	270583
Ion Ratio	Lower	Upper	
122	100		
107	120.5	89.2	133.8
121	59.3	45.2	67.8

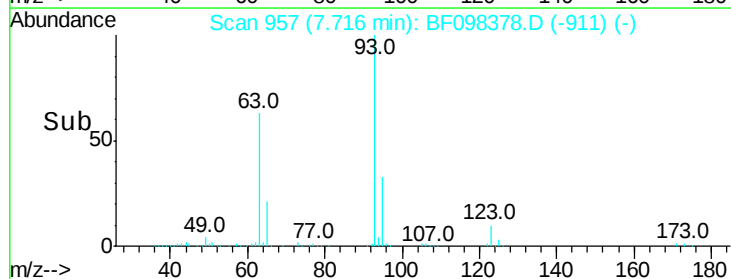
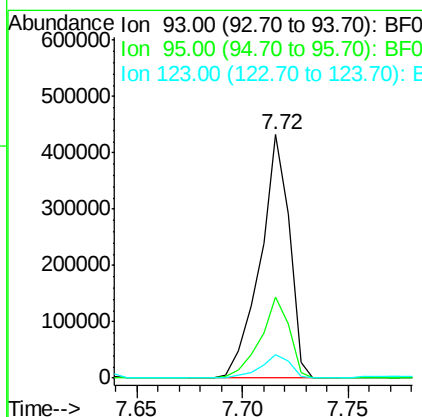
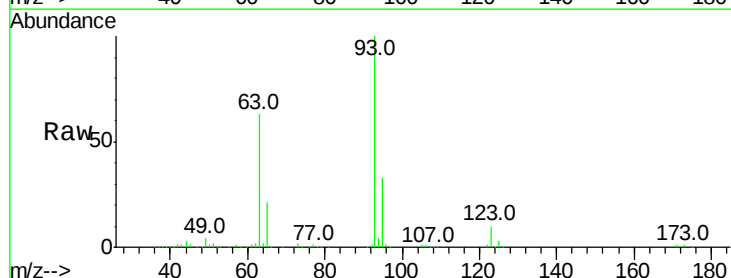
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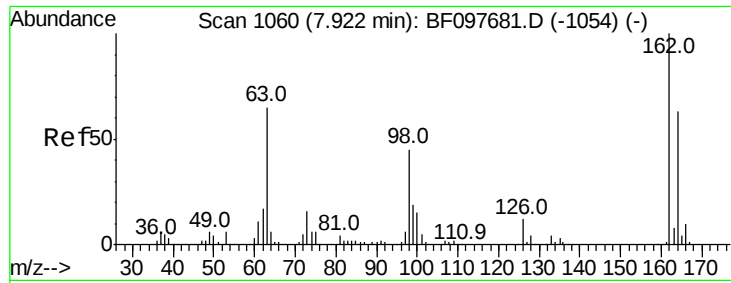
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.063 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion:	93	Resp:	415390
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.5	39.7
123	9.6	9.0	13.4





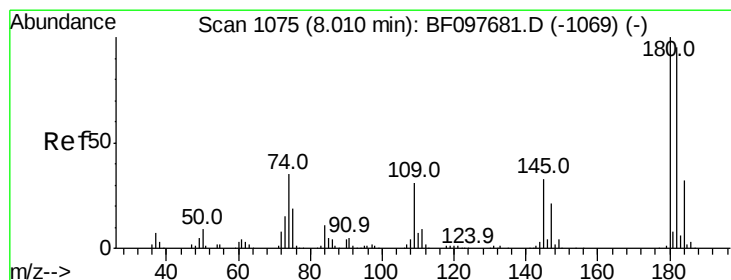
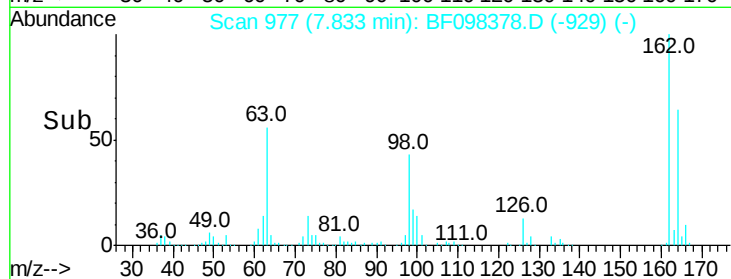
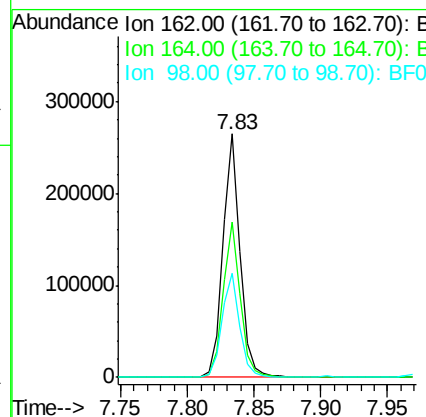
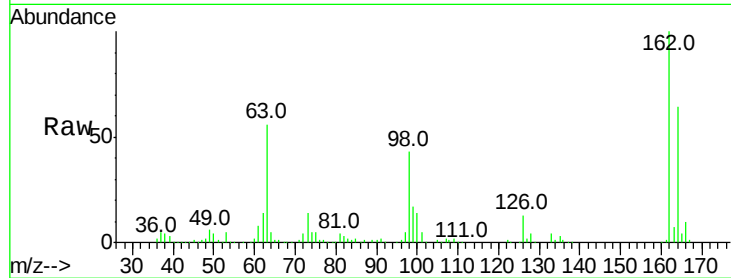
#29
 2,4-Dichlorophenol
 Concen: 42.990 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion:	162	Resp:	240727
Ion Ratio	Lower	Upper	
162	100		
164	63.5	44.6	84.6
98	42.8	14.8	54.8

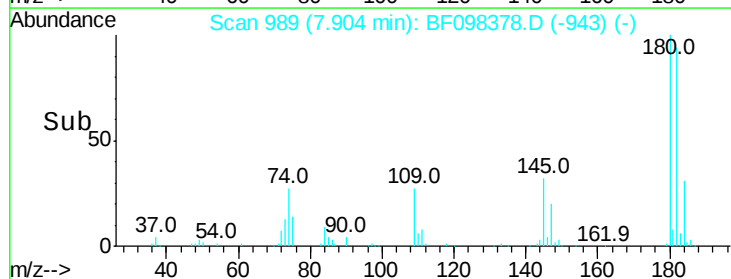
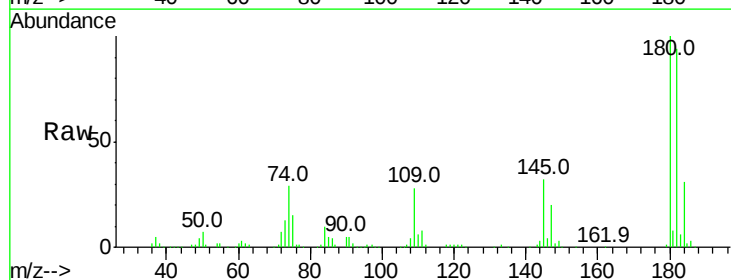
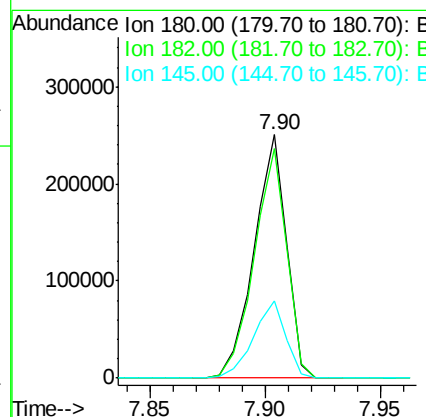
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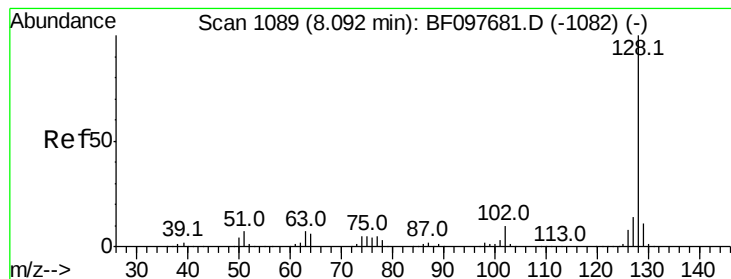
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.469 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion:	180	Resp:	245005
Ion Ratio	Lower	Upper	
180	100		
182	94.1	75.8	113.6
145	31.9	25.3	37.9





#31

Naphthalene

Concen: 38.633 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.03 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

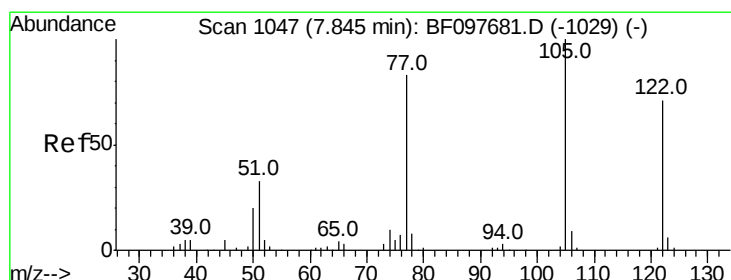
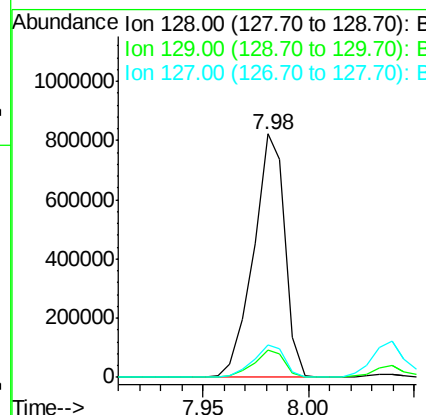
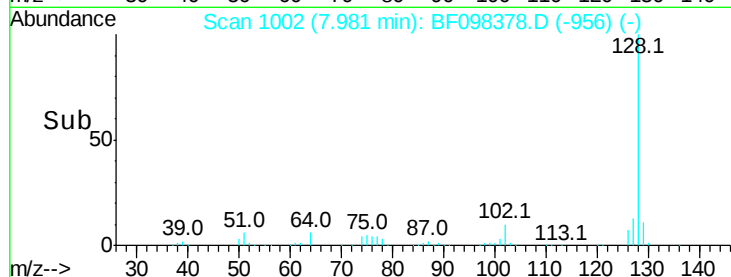
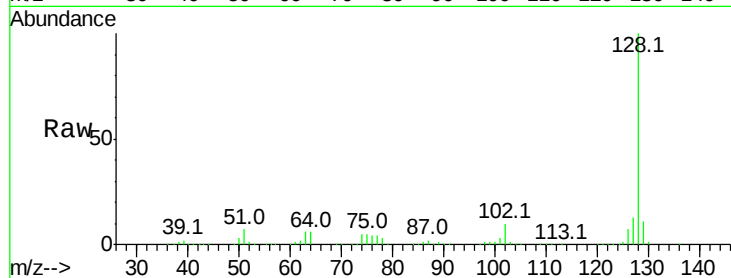
ClientSampled :

PB102122BS

Tot Ion:	128	Resp:	847522
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.6
127	13.4	10.8	16.2

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#32

Benzoic acid

Concen: 36.684 ng

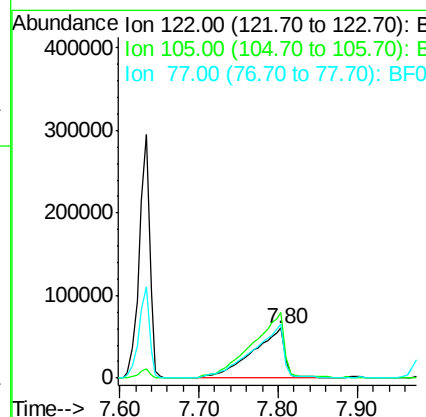
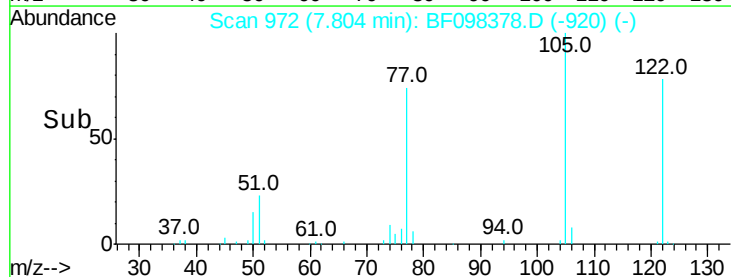
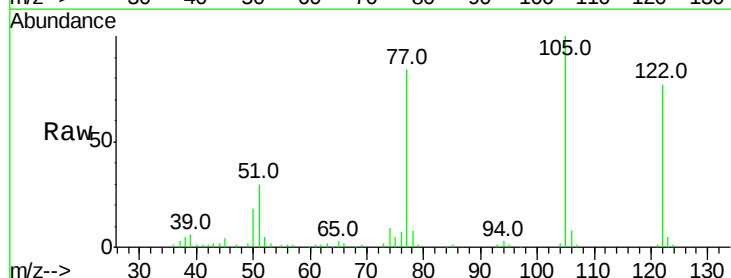
RT: 7.80 min Scan# 972

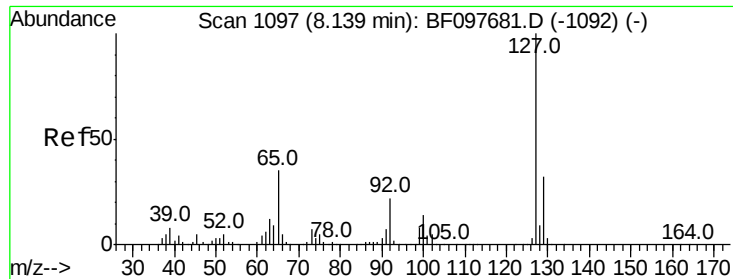
Delta R.T. 0.01 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Tgt Ion:	122	Resp:	171735
Ion Ratio	Lower	Upper	
122	100		
105	129.6	103.3	143.3
77	108.5	73.7	113.7





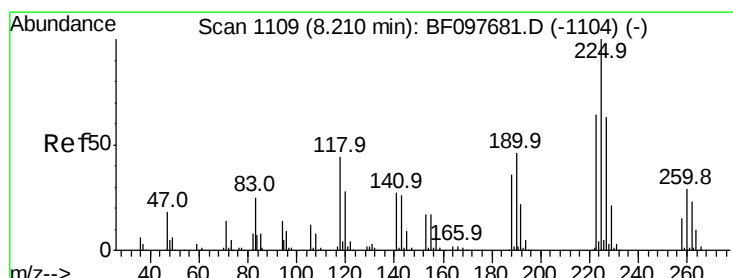
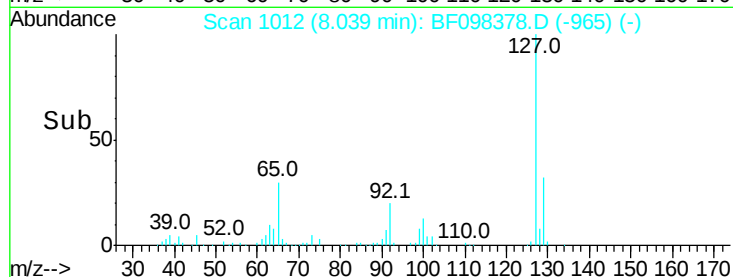
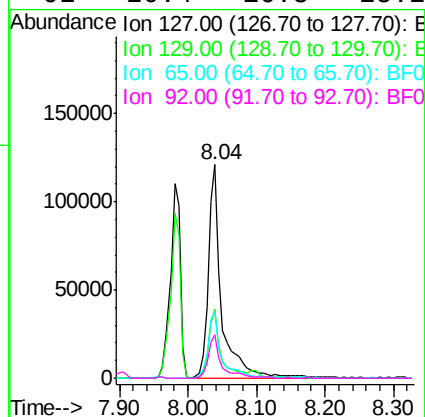
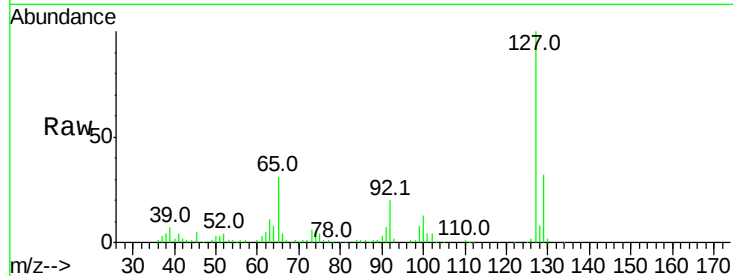
#33
4-Chloroaniline
Concen: 17.810 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.2	39.2	
65	31.4	27.8	41.8	
92	20.4	16.8	25.2	

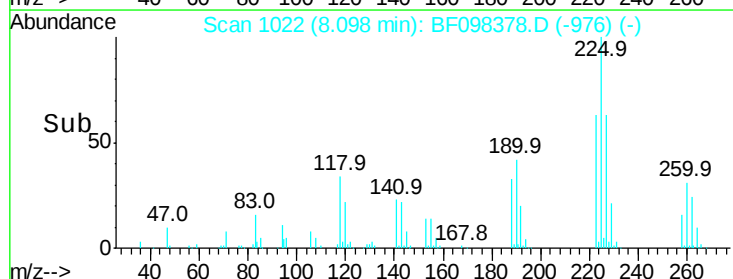
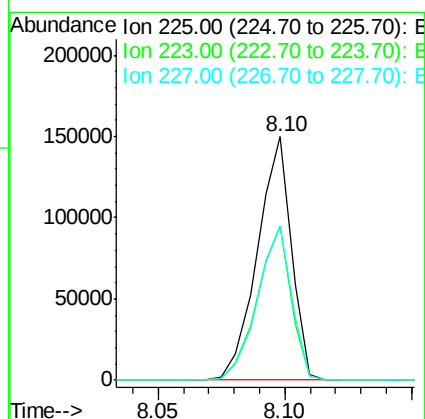
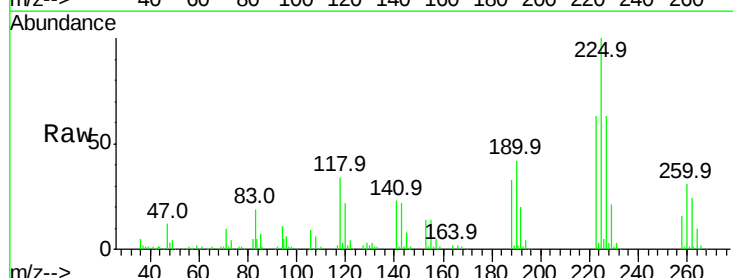
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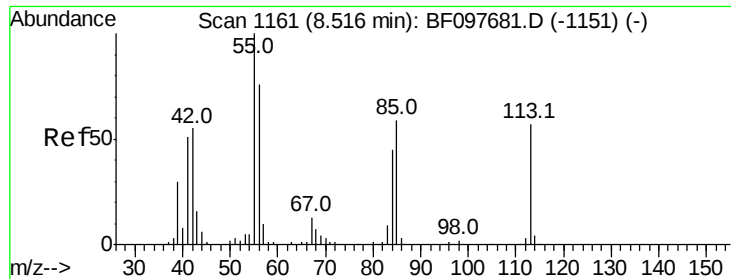
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#34
Hexachlorobutadiene
Concen: 38.681 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	48.8	73.2	
227	63.0	51.1	76.7	





#35

Caprolactam

Concen: 46.584 ng/ml

RT: 8.45 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

ClientSampleID :

PB102122BS

Tot Ion:113 Resp: 88679

Ion Ratio Lower Upper

113 100

55 152.3 150.2 190.2

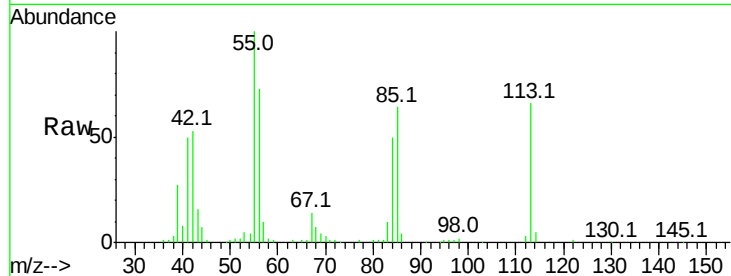
56 111.3 107.8 147.8

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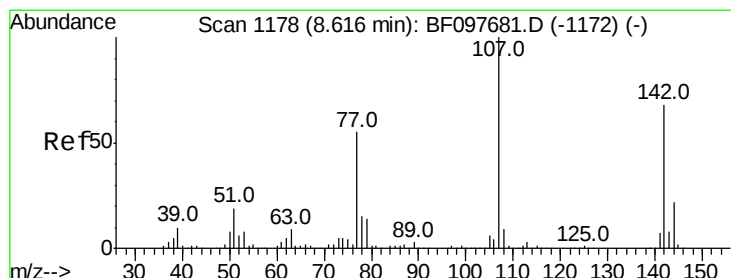
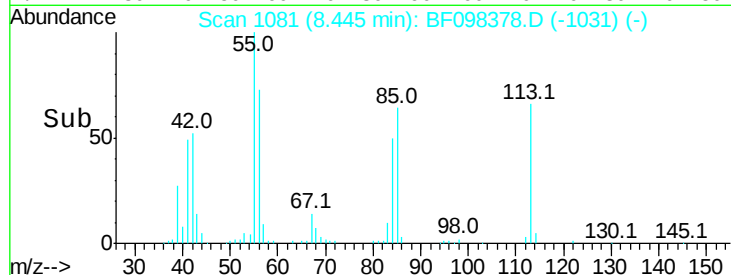
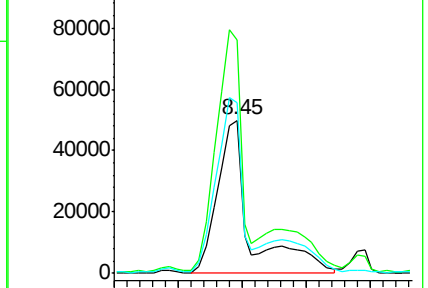
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.201 ng/ml

RT: 8.55 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

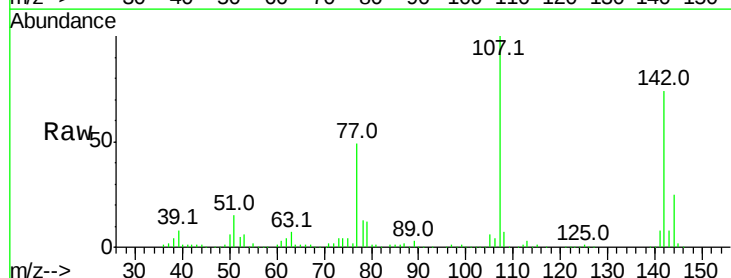
Tgt Ion:107 Resp: 289223

Ion Ratio Lower Upper

107 100

144 24.9 24.2 36.4

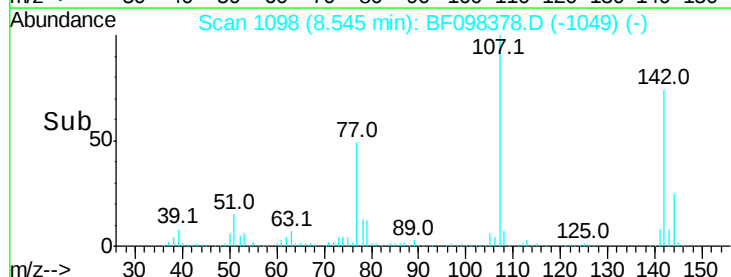
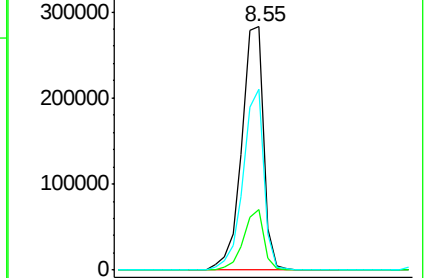
142 74.3 73.4 110.0

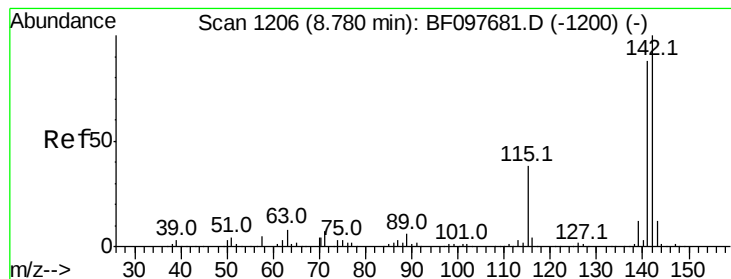


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





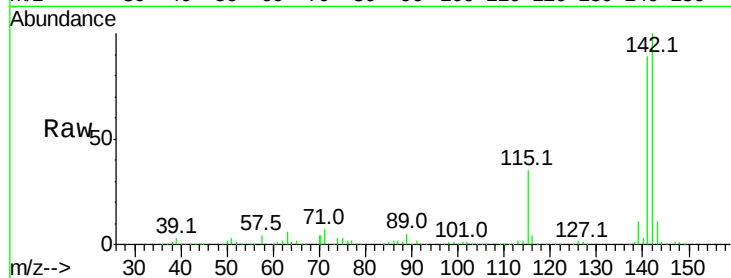
#37
2-Methylnaphthalene
Concen: 41.839 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

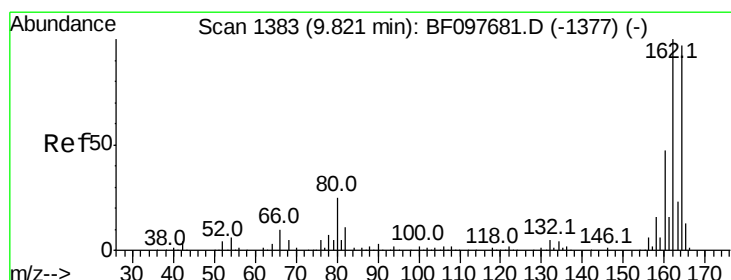
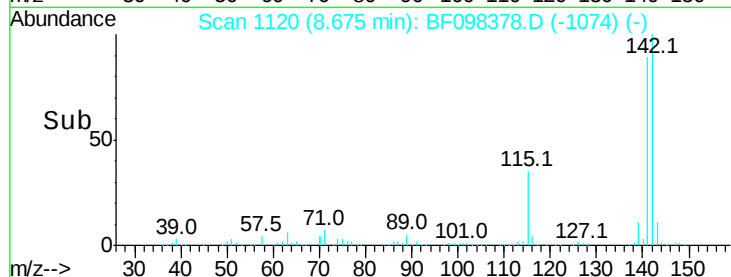
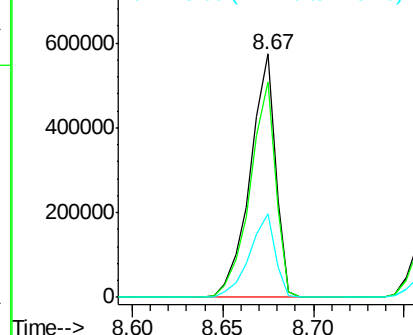
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	34.6	27.1	40.7

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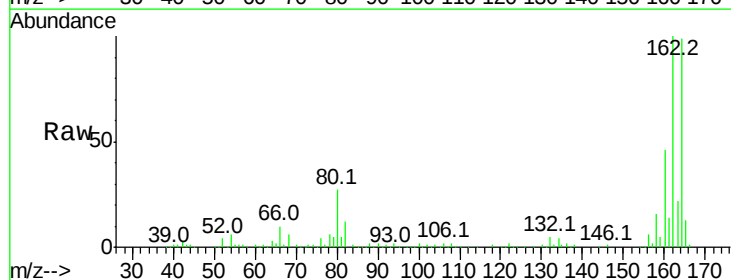


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

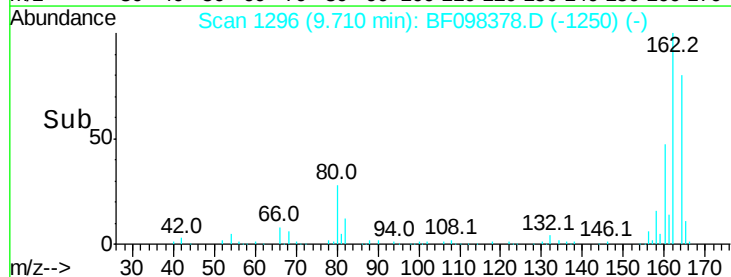
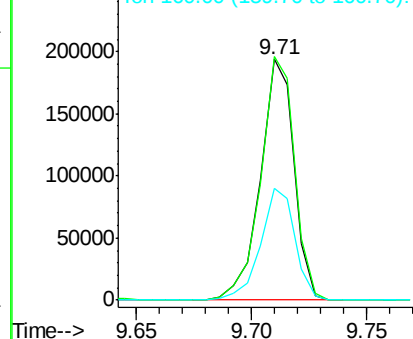


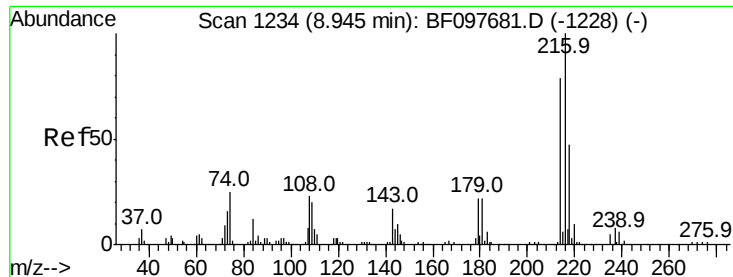
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	82.6	123.8
160	46.3	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





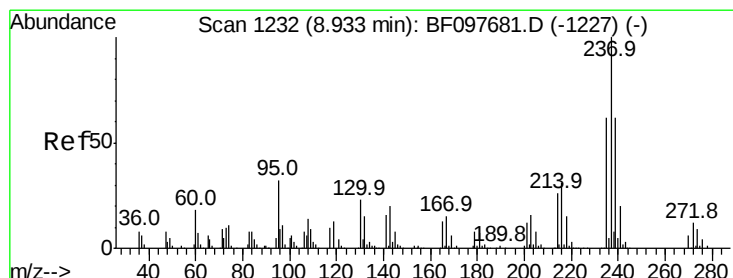
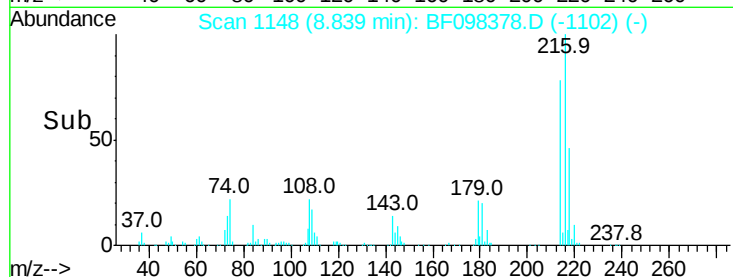
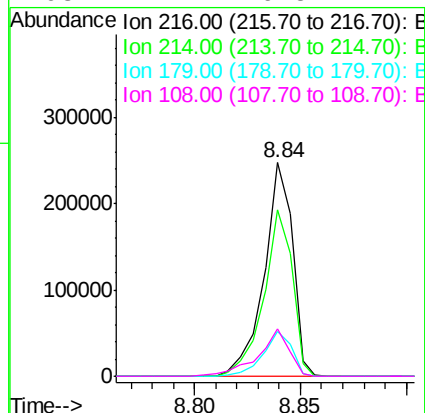
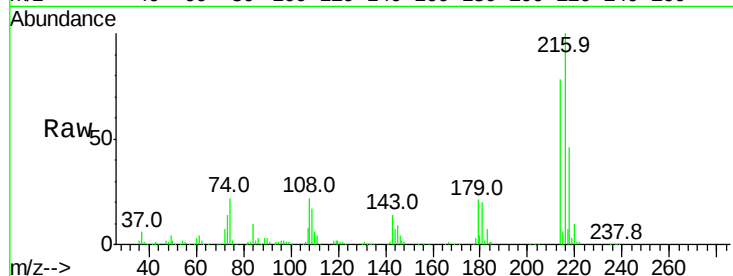
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.551 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.4	63.4	95.2
179	21.2	17.9	26.9
108	24.4	16.5	24.7

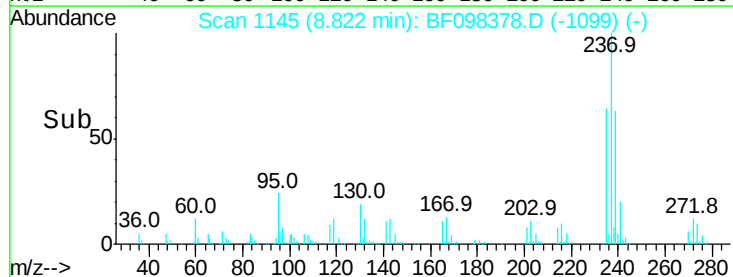
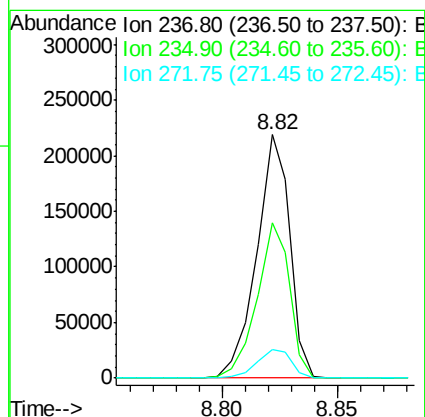
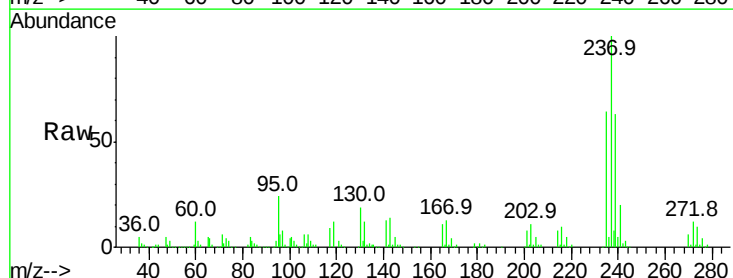
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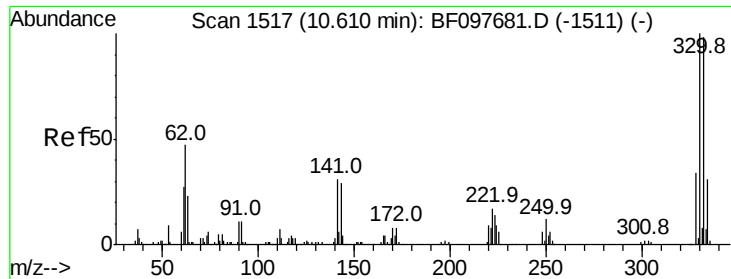
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#40
 Hexachlorocyclopentadiene
 Concen: 75.349 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	42.6	82.6
272	11.6	0.0	31.9





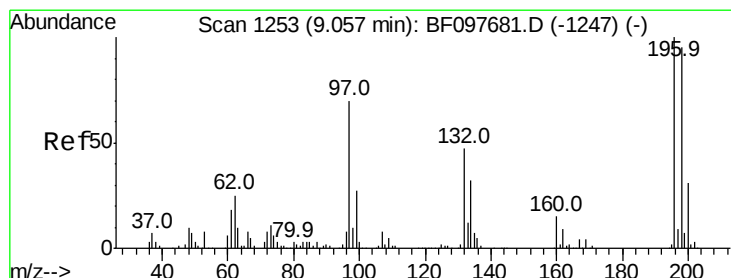
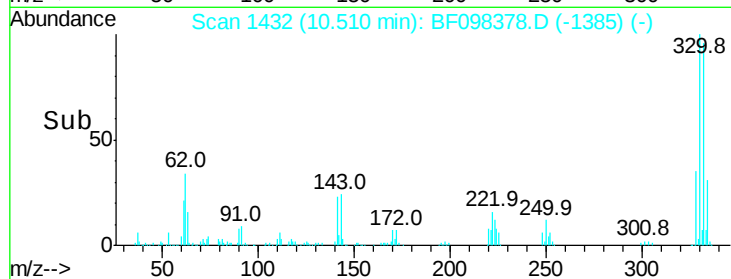
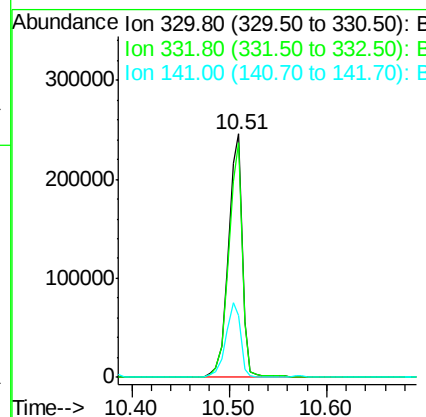
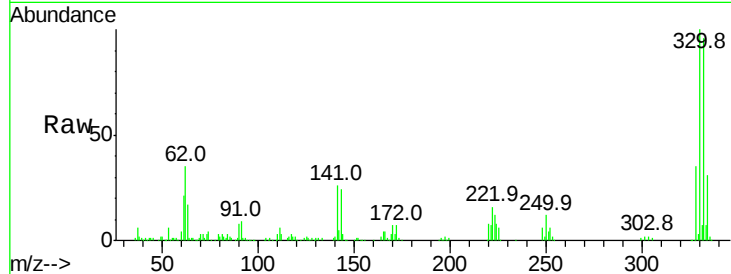
#41
 2,4,6-Tribromophenol
 Concen: 143.055 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	243947		
332	94.8	76.6	115.0	
141	32.8	31.4	47.2	

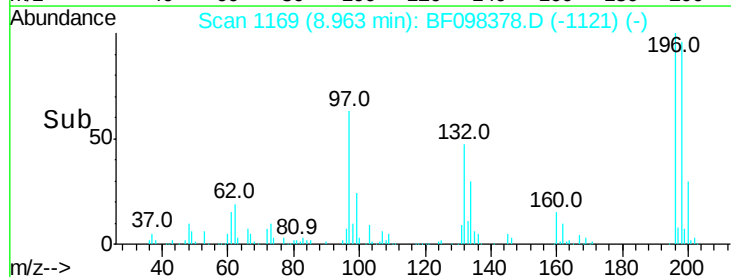
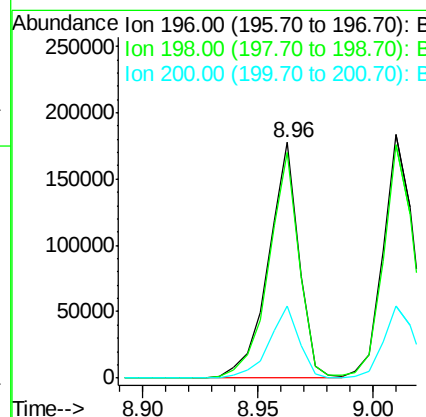
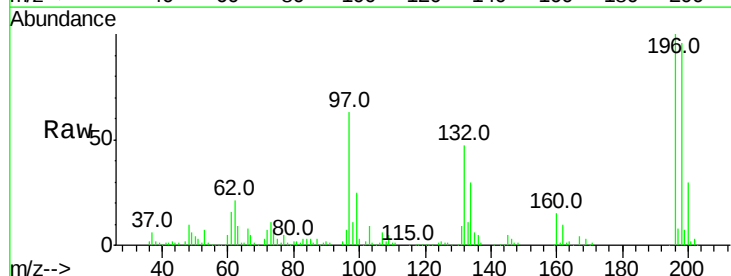
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#42
 2,4,6-Trichlorophenol
 Concen: 40.217 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162858		
198	95.7	74.2	111.4	
200	30.4	24.0	36.0	





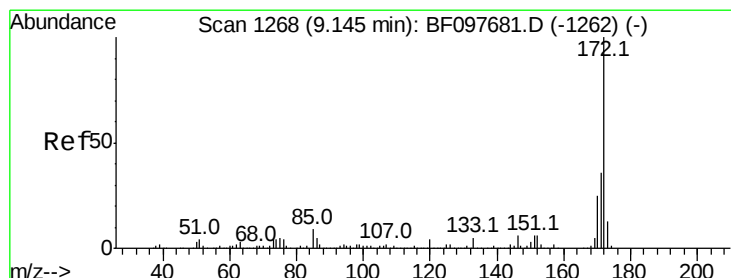
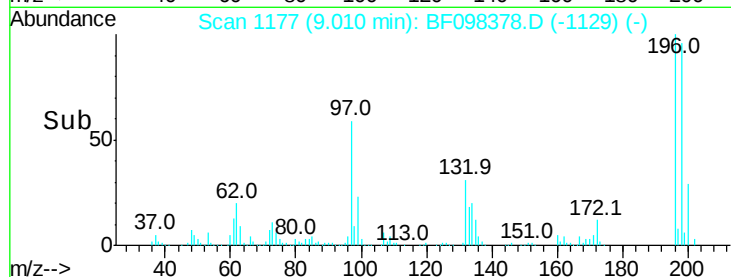
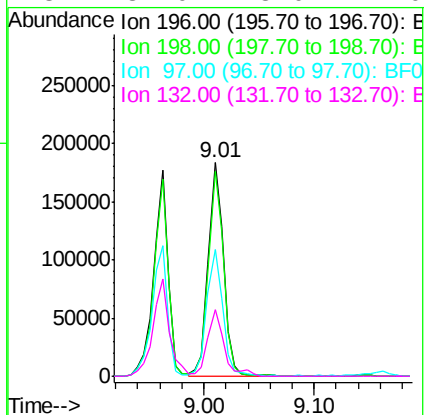
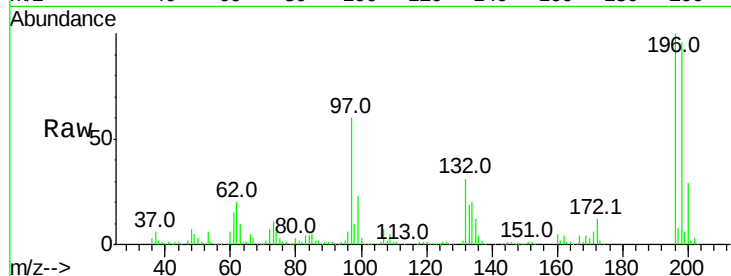
#43
 2,4,5-Trichlorophenol
 Concen: 42.841 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion:	196	Resp:	172106
Ion Ratio	Lower	Upper	
196	100		
198	95.8	75.7	113.5
97	59.5	47.7	71.5
132	31.0	28.0	42.0

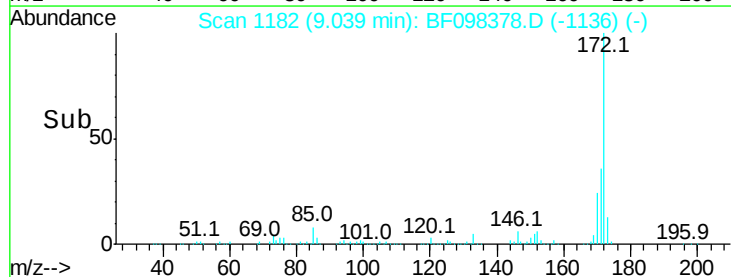
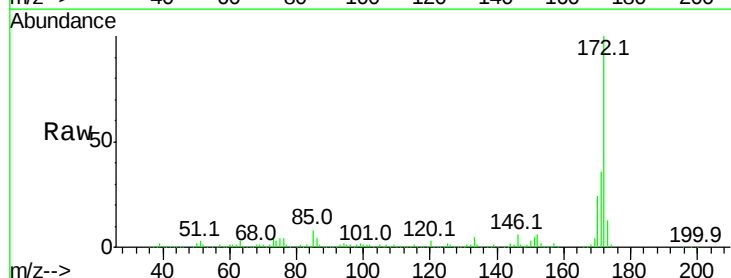
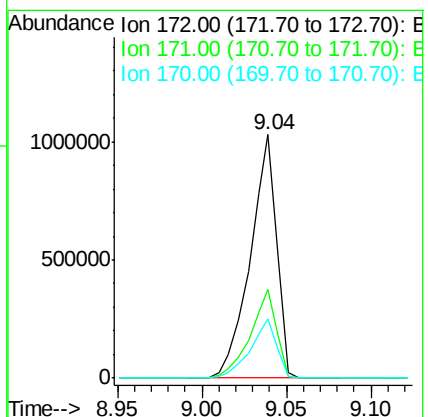
Manual Integrations
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 9/11/2017 2:42:38 PM



#44
 2-Fluorobiphenyl
 Concen: 83.678 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion:	172	Resp:	1119362
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	24.2	19.8	29.8





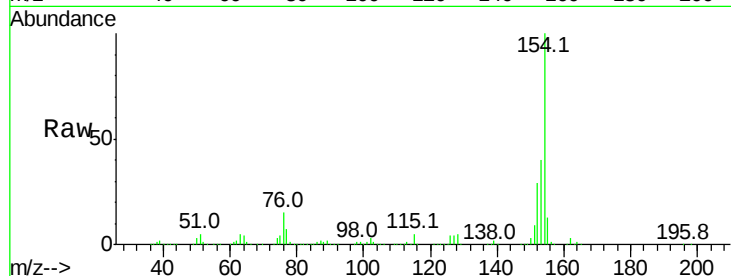
#45
1,1'-Biphenyl
Concen: 37.231 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.3	21.2	61.2
76	14.9	0.0	29.9

Manual Integrations
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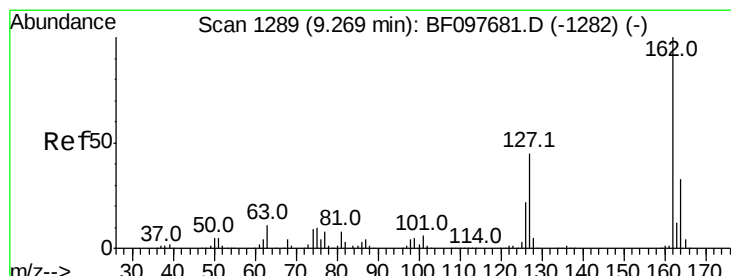
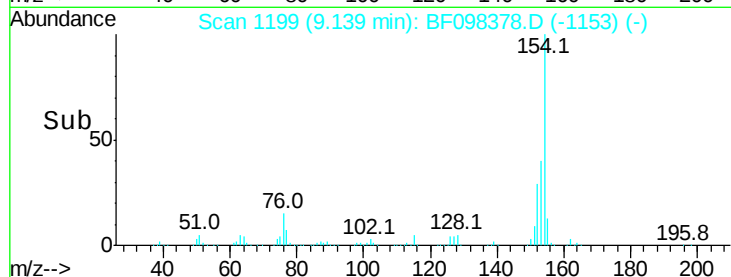
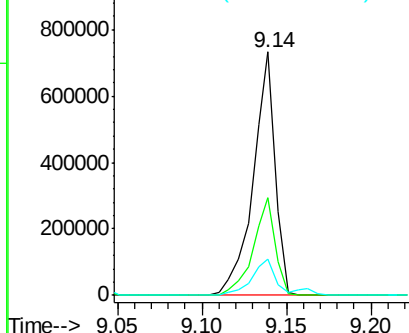


Abundance

Ion 154.00 (153.70 to 154.70): E

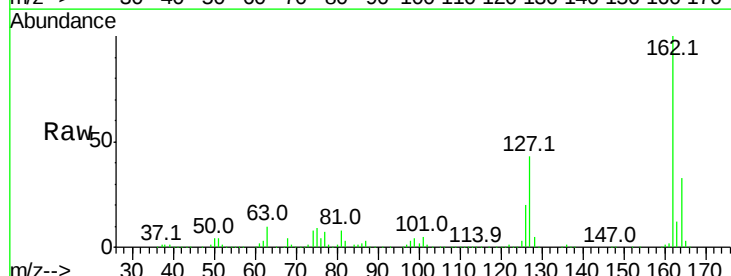
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
2-Chloronaphthalene
Concen: 37.162 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	43.4	28.3	42.5#
164	33.0	27.0	40.4

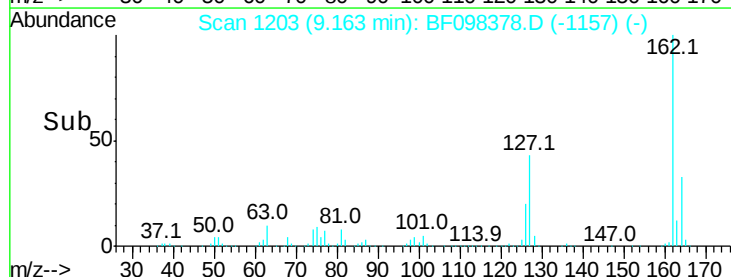
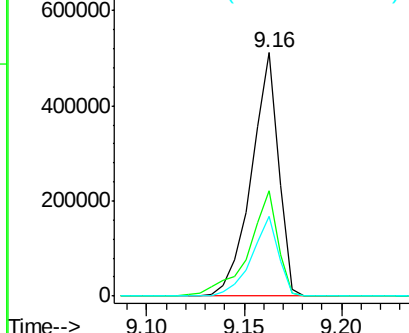


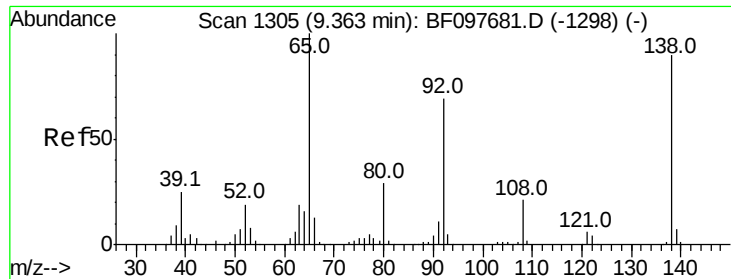
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





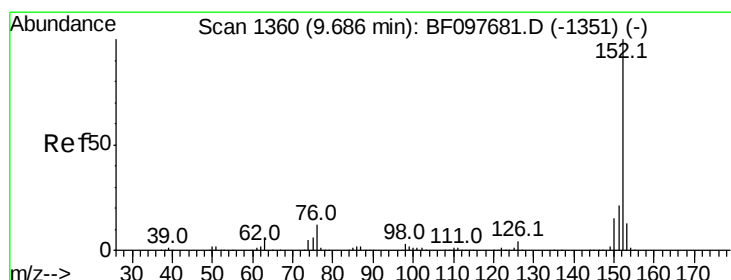
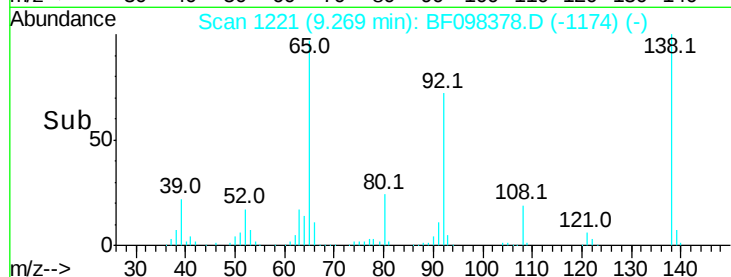
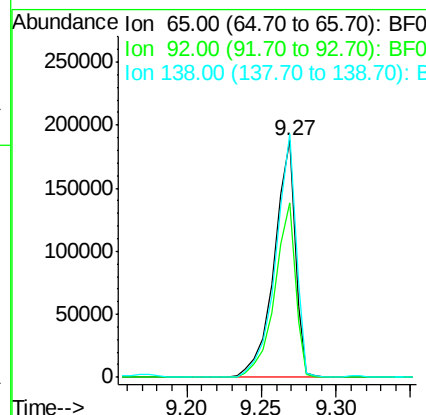
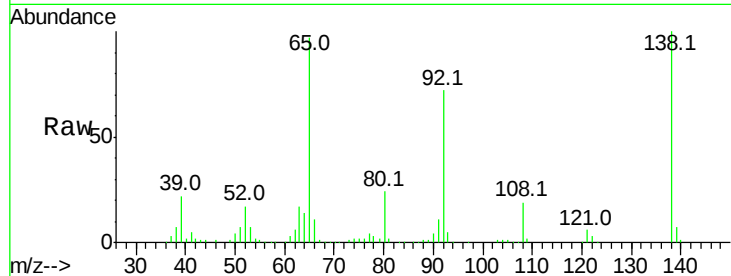
#47
2-Nitroaniline
Concen: 41.460 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.0	53.9	80.9
138	102.9	78.8	118.2

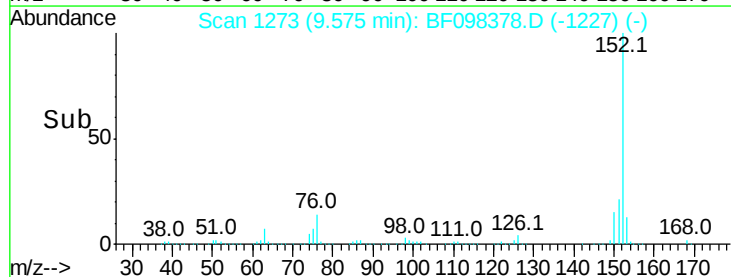
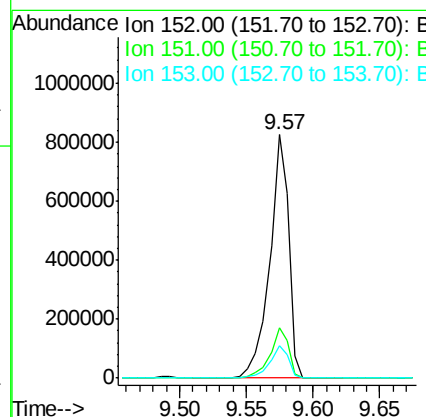
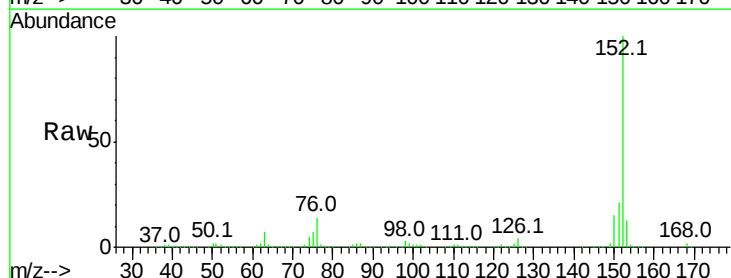
Manual Integrations
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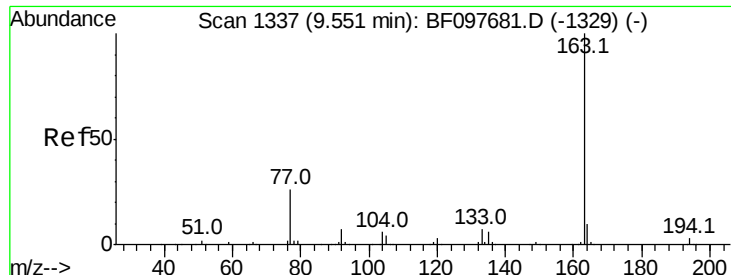
Sohil
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#48
Acenaphthylene
Concen: 38.978 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.5	10.8	16.2





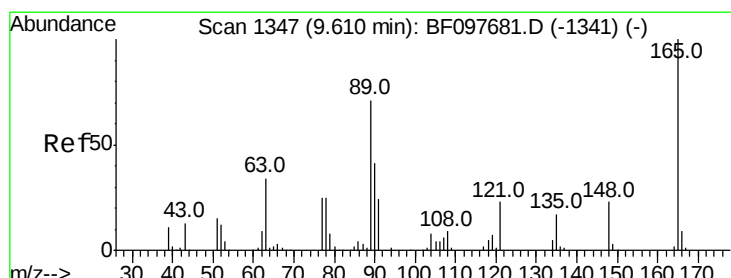
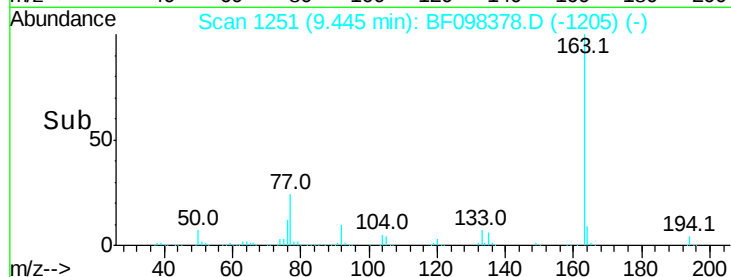
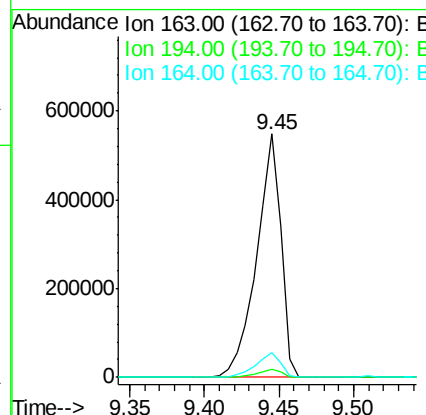
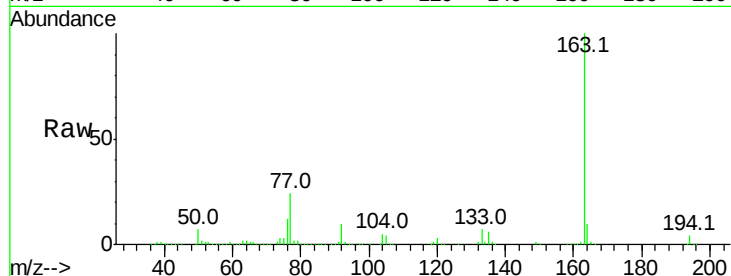
#49
Dimethylphthalate
Concen: 42.528 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.2	8.4	12.6	

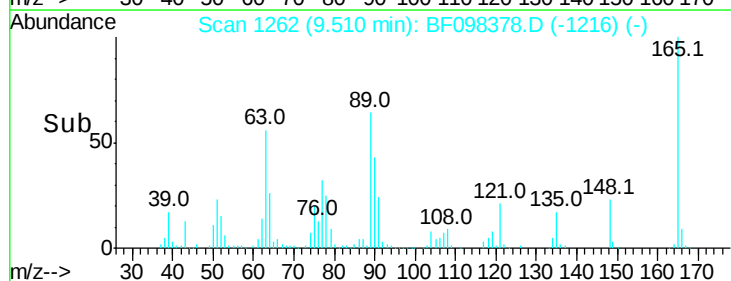
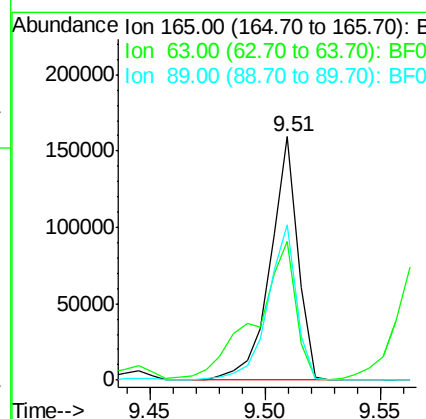
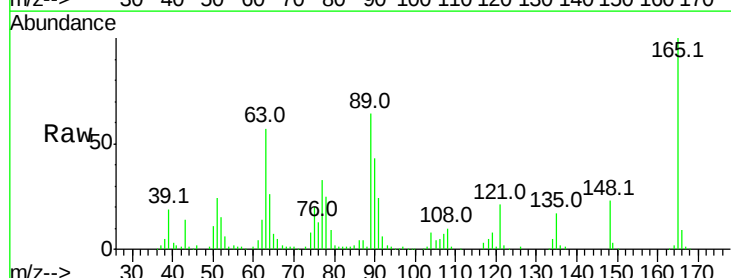
Manual Integrations
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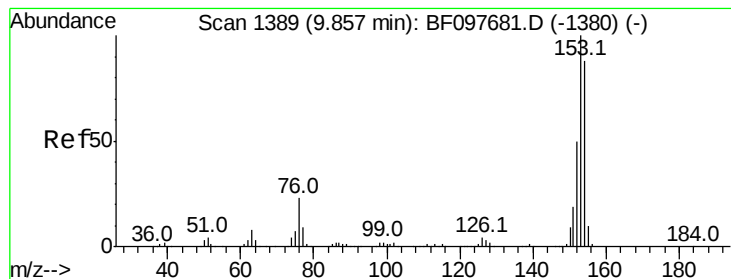
Sohil
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#50
2,6-Dinitrotoluene
Concen: 46.004 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.1	34.3	51.5#	
89	63.8	37.1	55.7#	





#51

Acenaphthene

Concen: 36.539 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

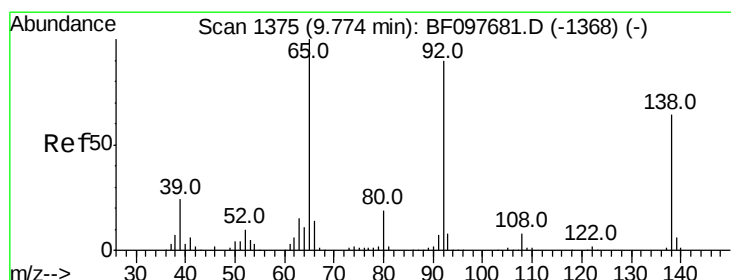
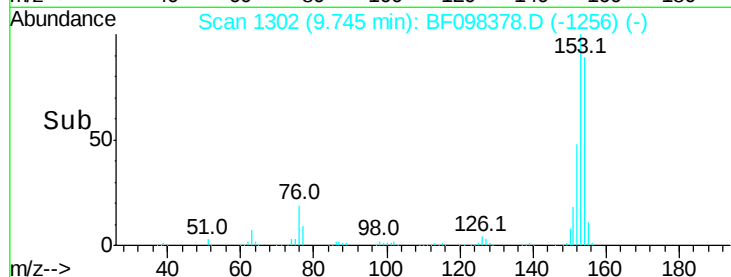
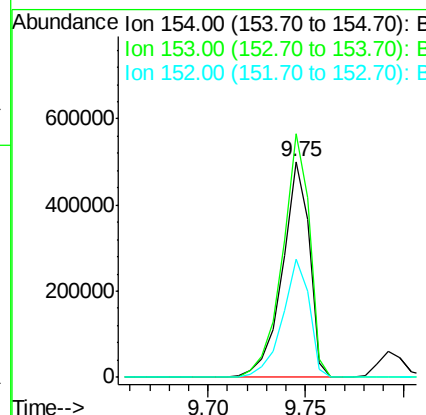
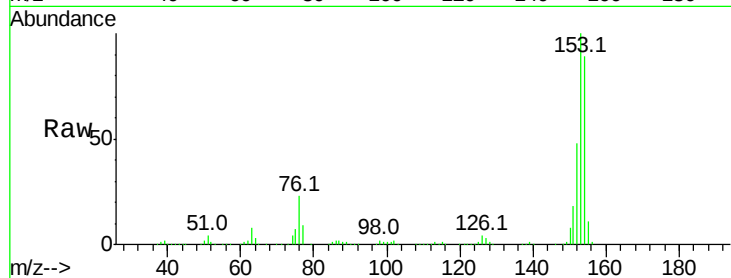
ClientSampleId :

PB102122BS

Tot Ion:	154	Resp:	479217
Ion Ratio	Lower	Upper	
154	100		
153	112.8	90.5	135.7
152	54.7	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 32.061 ng

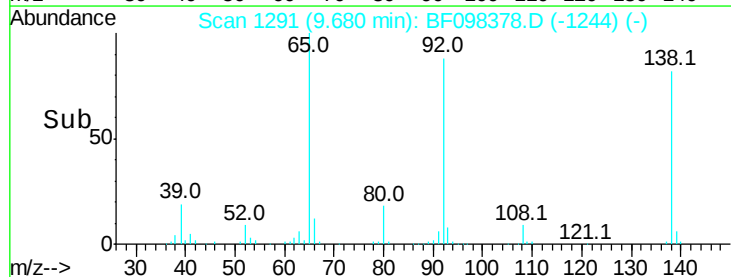
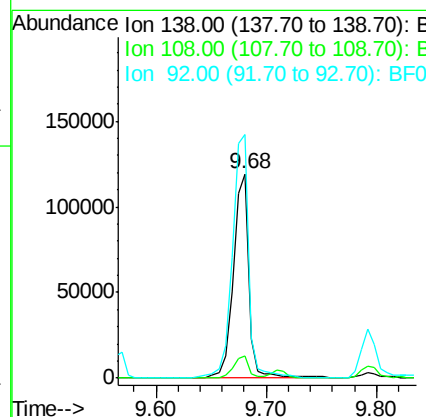
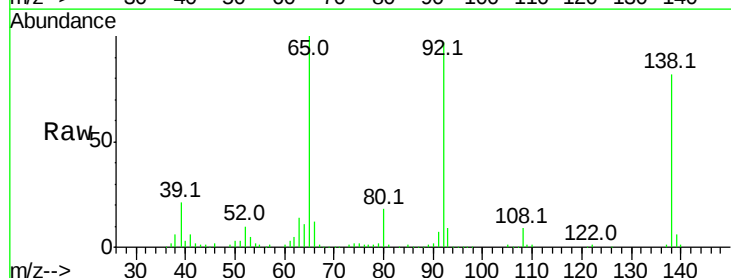
RT: 9.68 min Scan# 1291

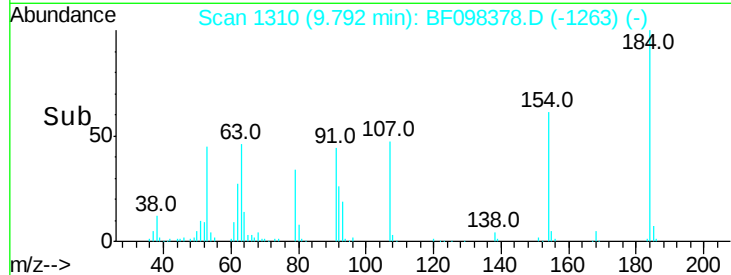
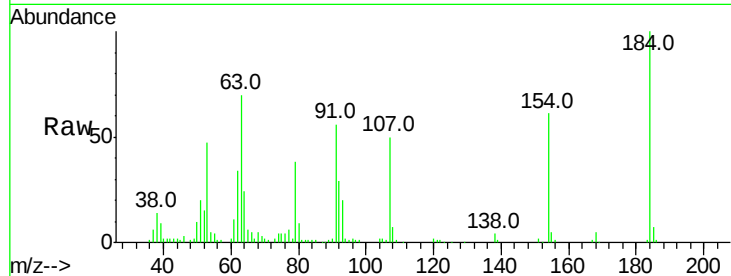
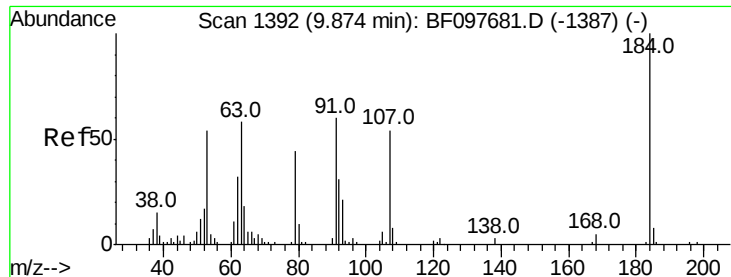
Delta R.T. -0.02 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Tgt Ion:	138	Resp:	118619
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.1	13.7
92	119.2	93.8	140.6





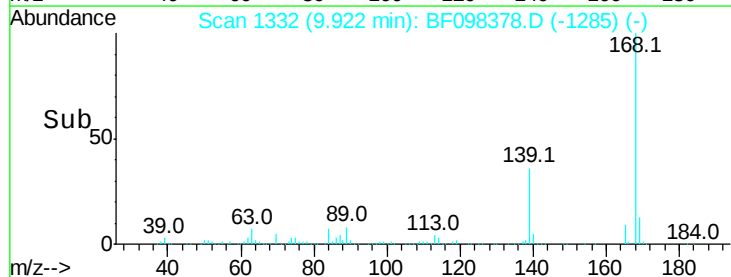
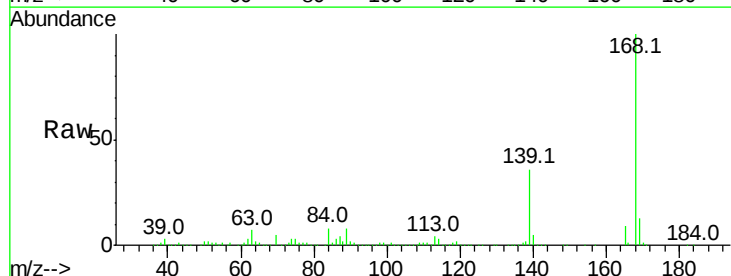
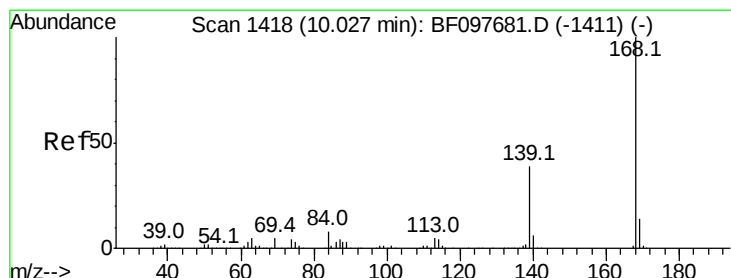
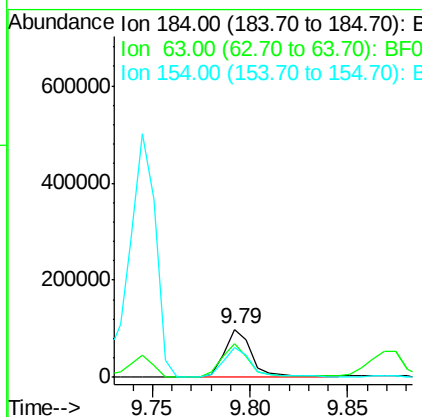
#53
2,4-Dinitrophenol
Concen: 74.715 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tot Ion	Ratio	Resp	Lower	Upper
184	100	100871		
63	70.0	62.7	94.1	
154	60.9	81.1	121.7	

Instrument :
BNA_F
ClientSampleId :
PB102122BS

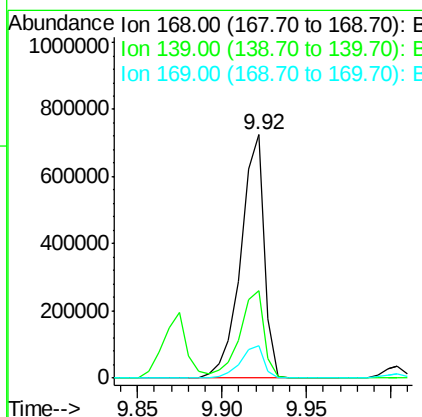
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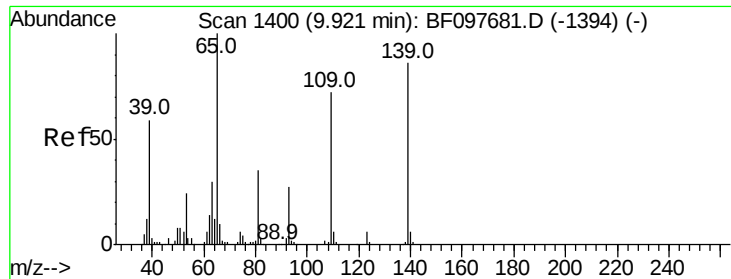
Sohil
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#54
Dibenzofuran
Concen: 39.915 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	701603		
139	35.7	30.6	45.8	
169	13.3	10.8	16.2	





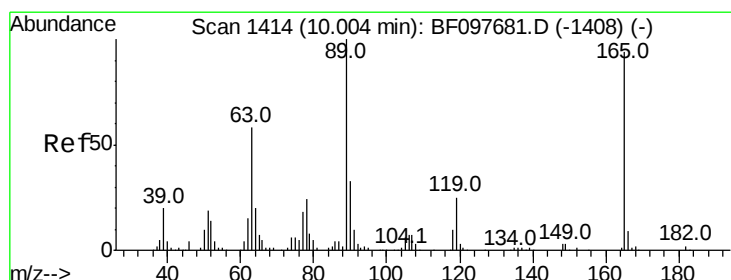
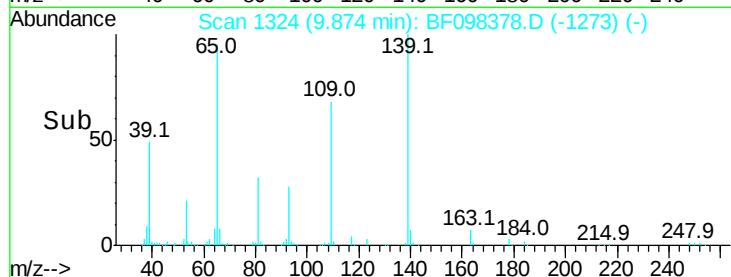
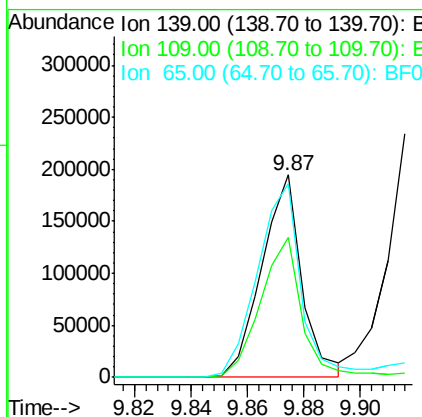
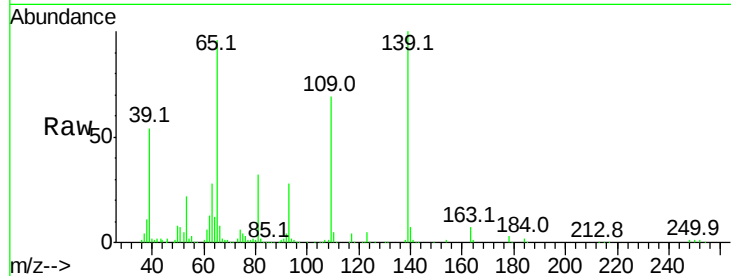
#55
4-Nitrophenol
Concen: 64.891 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.4	34.1	74.1	
65	95.7	31.4	71.4	

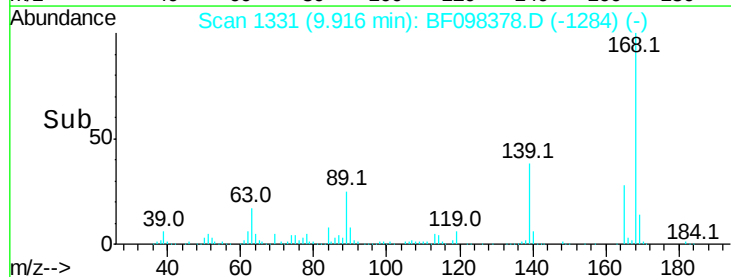
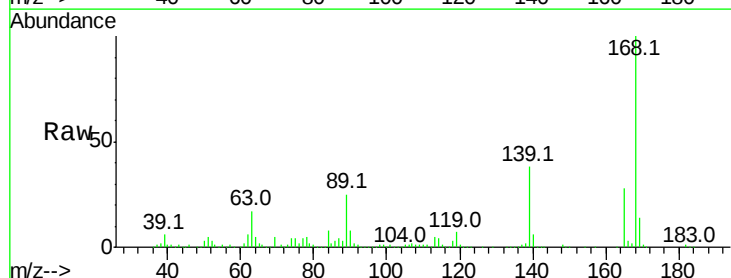
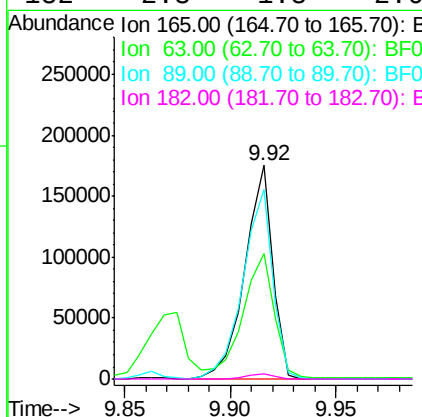
Manual Integrations
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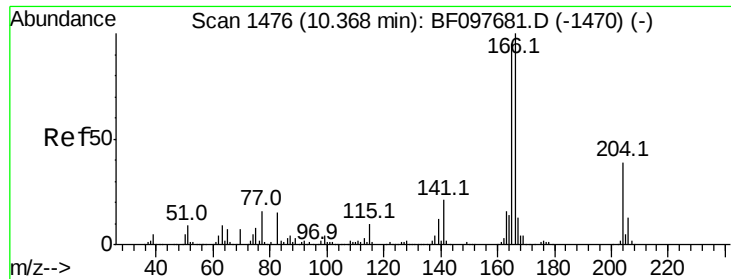
Sohil
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#56
2,4-Dinitrotoluene
Concen: 44.897 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.0	25.4	38.0	
89	88.8	46.4	69.6	
182	2.3	1.8	2.6	





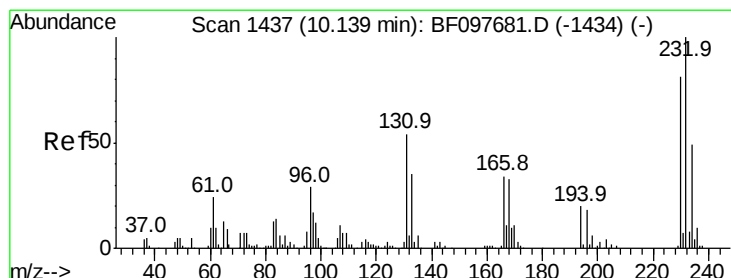
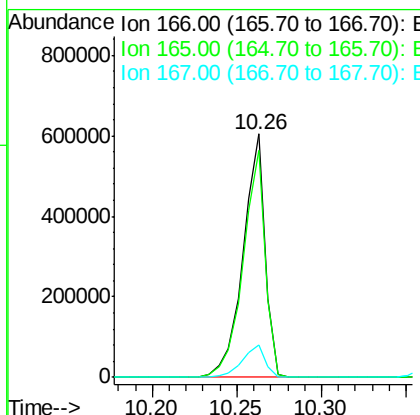
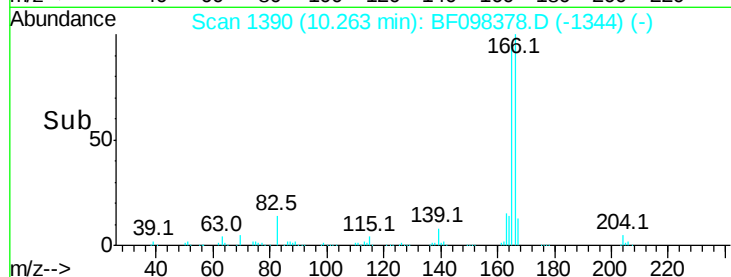
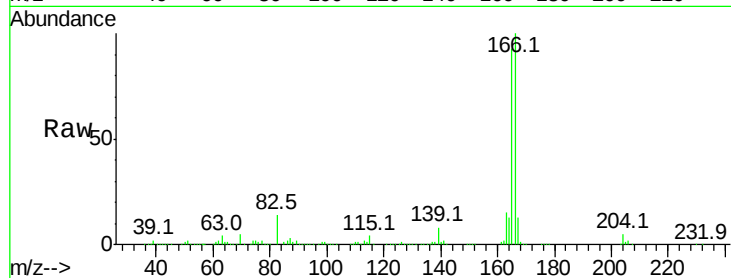
#57
 Fluorene
 Concen: 40.501 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	550405		
165	93.4	78.8	118.2	
167	13.2	10.6	16.0	

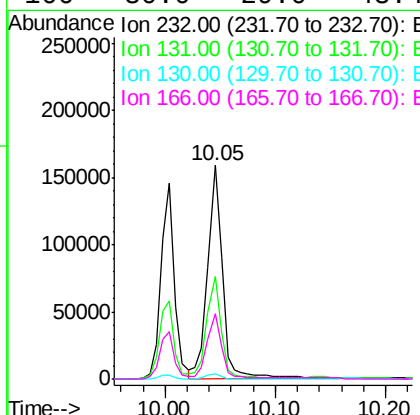
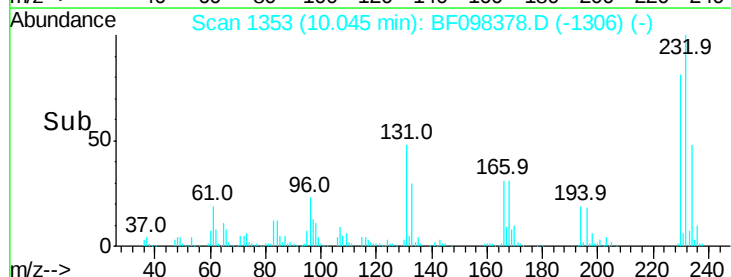
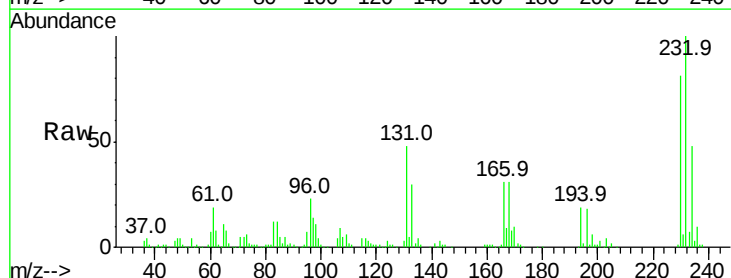
Manual Integrations
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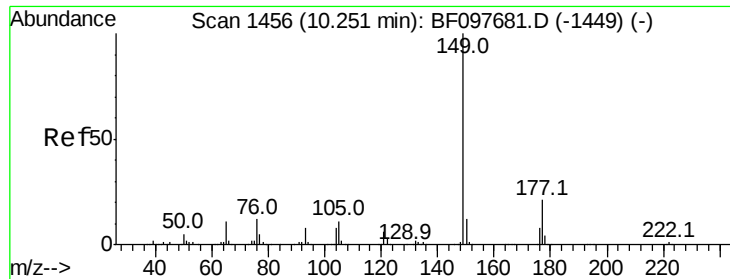
Sohil
 9/11/2017 2:42:38 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.784 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	142404		
231	47.2	44.8	67.2	
130	2.5	2.3	3.5	
166	30.0	29.0	43.4	





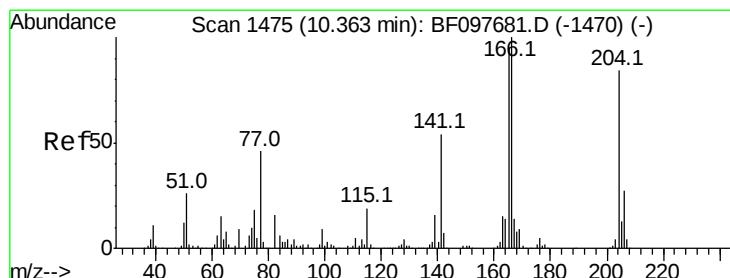
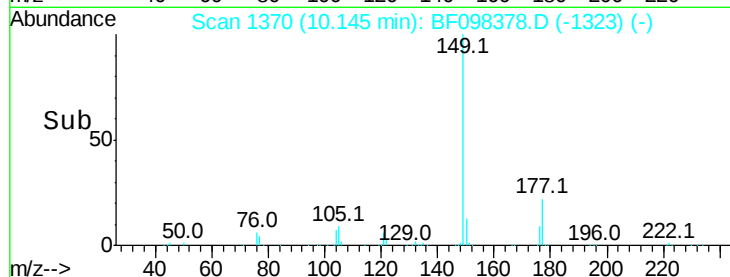
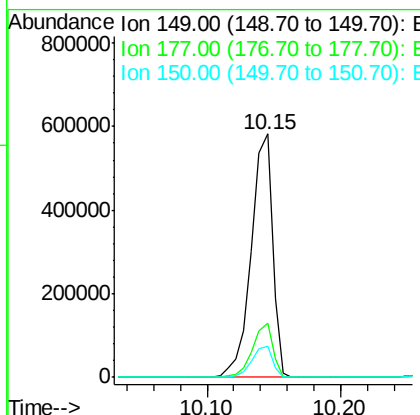
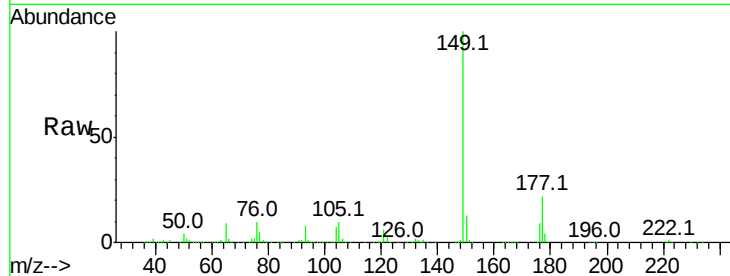
#59
Diethylphthalate
Concen: 42.426 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	637384		
177	22.0	16.7	25.1	
150	12.7	10.2	15.2	

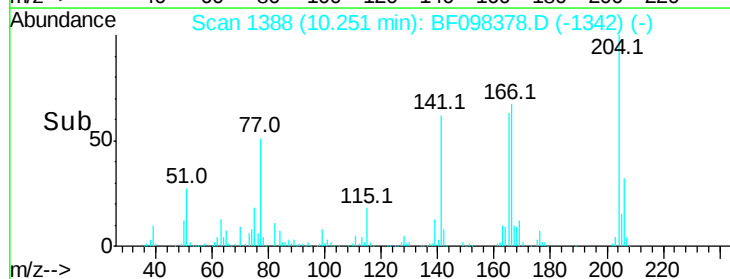
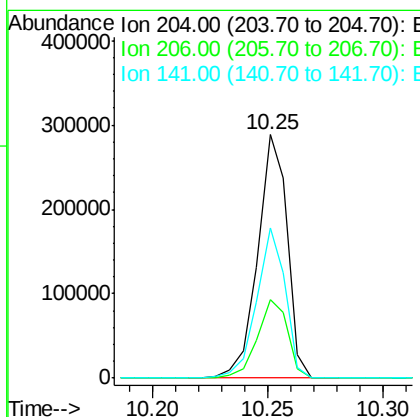
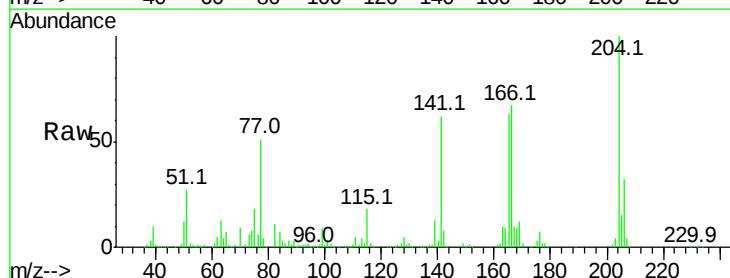
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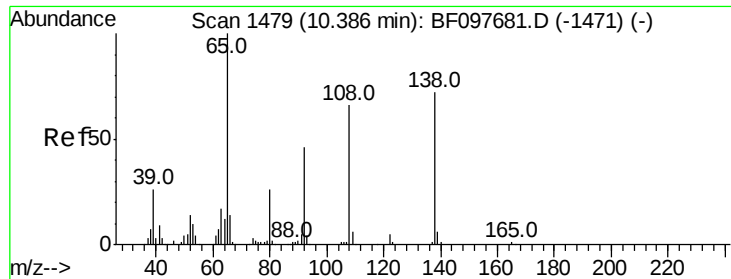
Sohil
9/11/2017 2:42:38 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.852 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	257917		
206	32.3	26.2	39.2	
141	61.7	60.8	91.2	





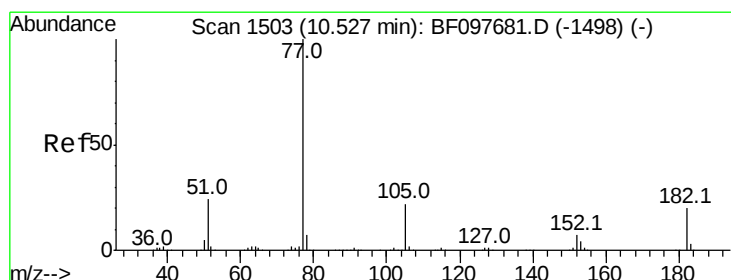
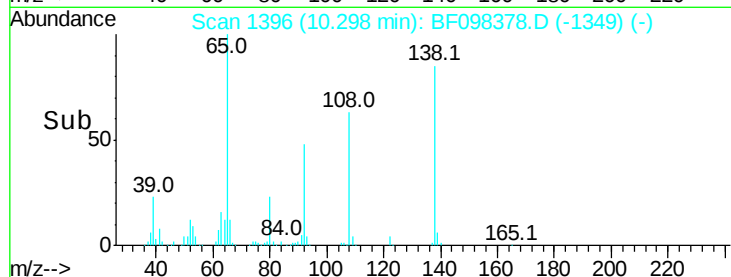
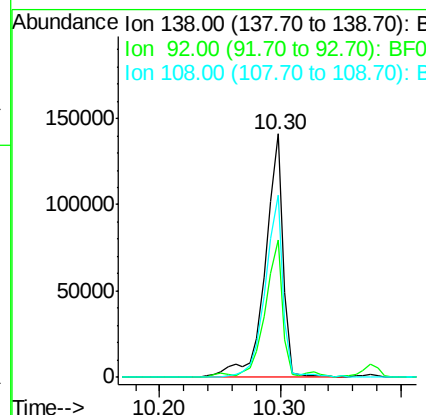
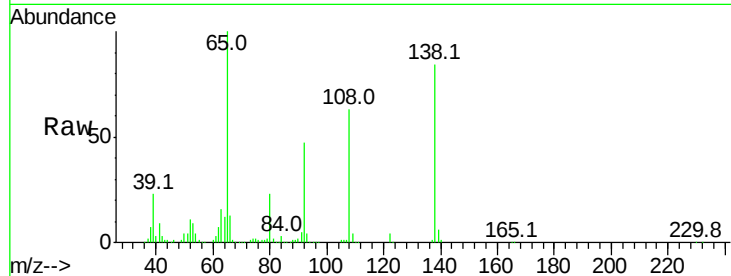
#61
4-Nitroaniline
Concen: 41.747 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.6	21.8	61.8
108	74.9	42.3	82.3

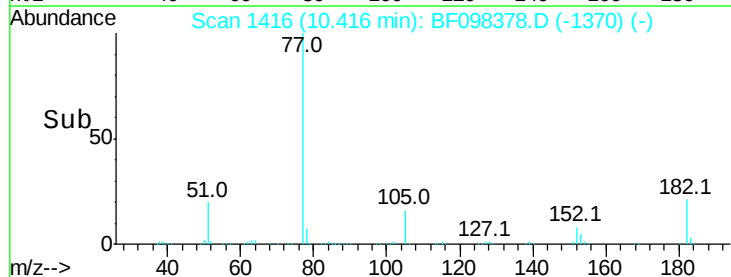
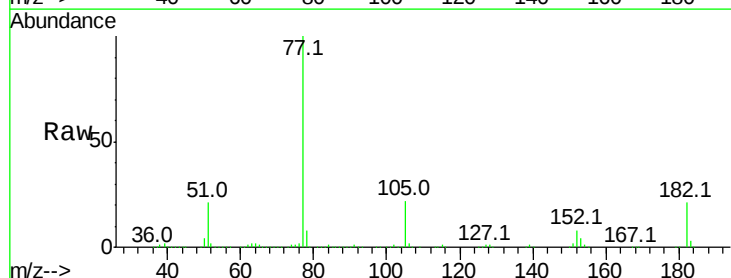
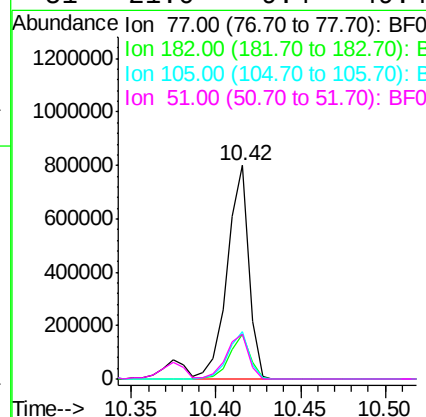
Manual Integrations
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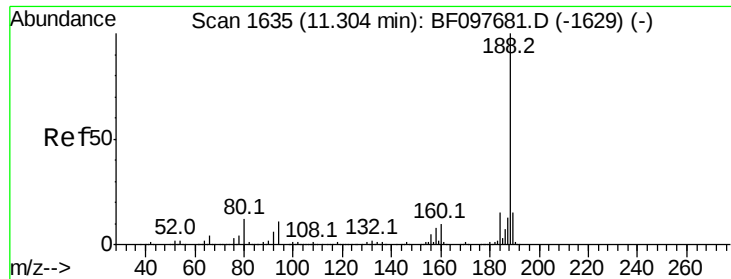
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#62
Azobenzene
Concen: 39.474 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.7	0.1	40.1
105	22.4	3.6	43.6
51	21.0	9.4	49.4





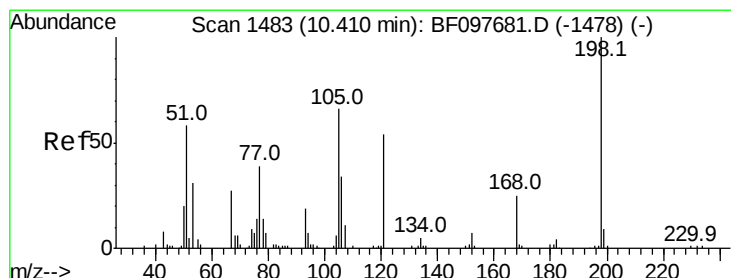
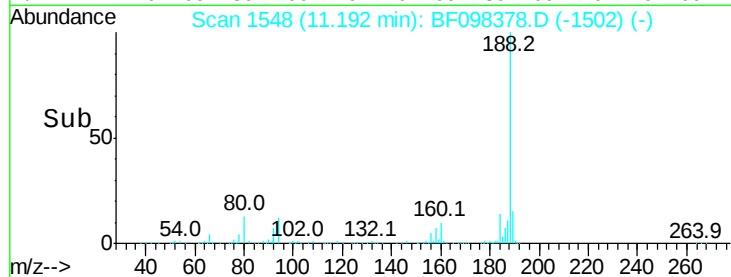
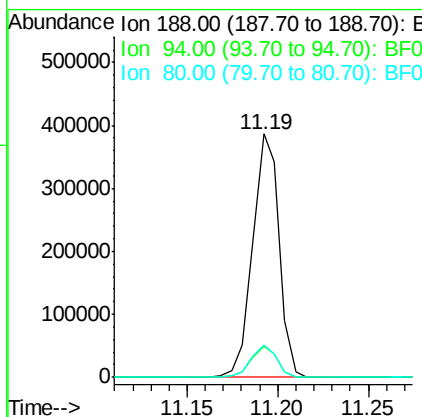
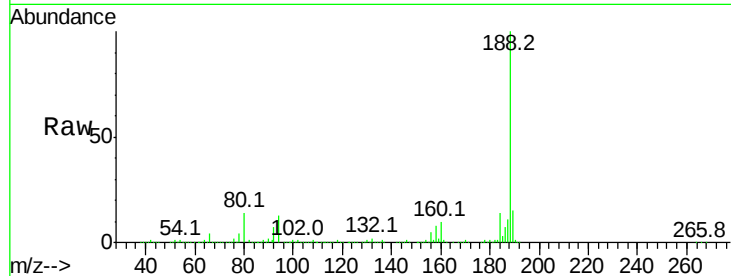
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampled :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.7	9.4	14.2	
80	13.6	10.2	15.2	

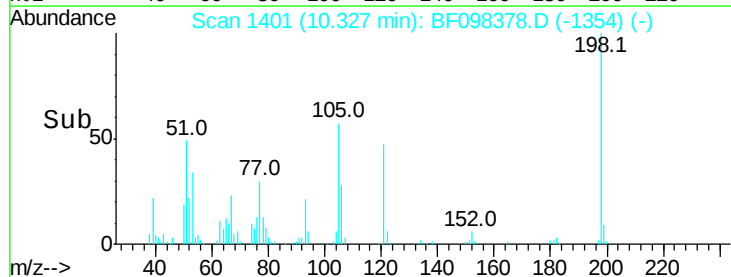
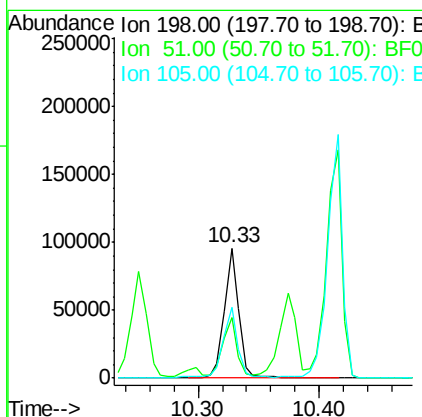
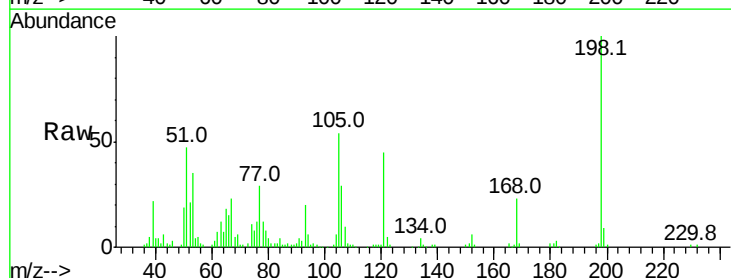
Manual Integrations
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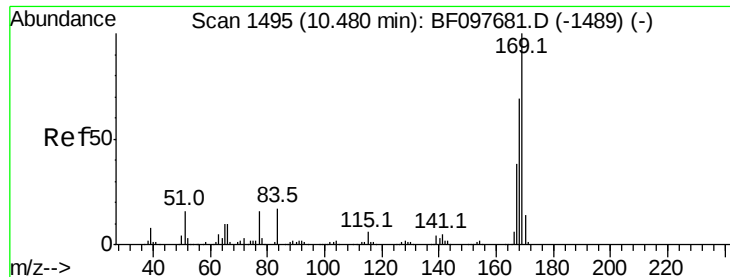
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.359 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	46.8	53.2	93.2#	
105	54.1	45.8	85.8	





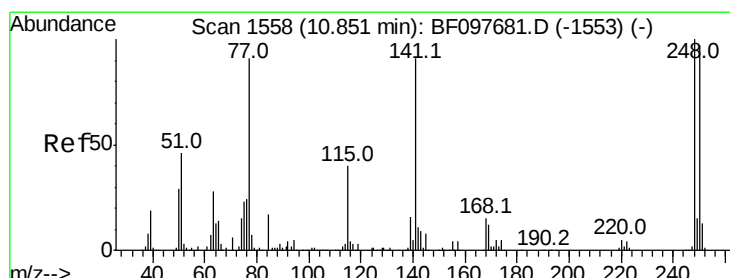
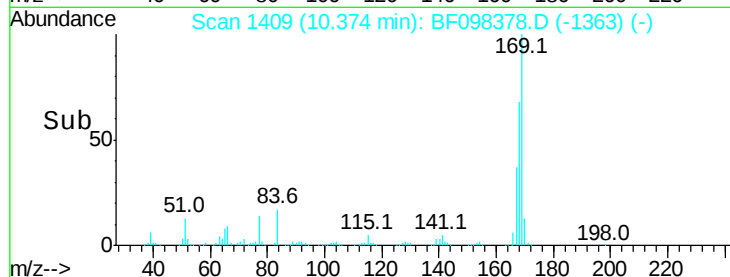
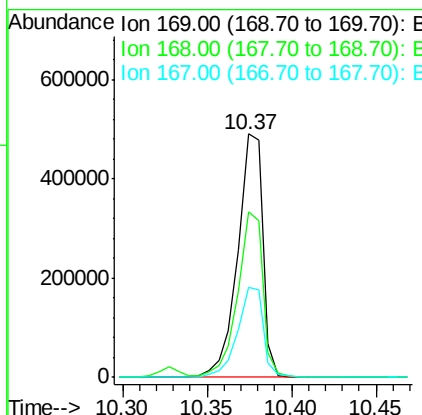
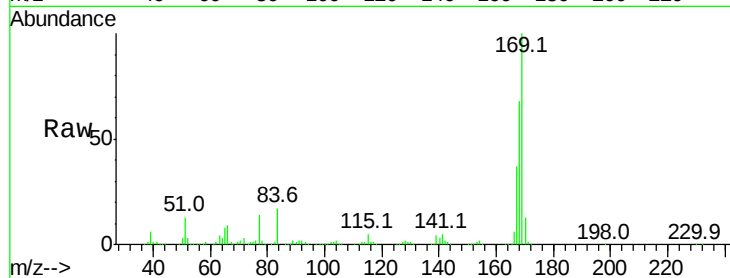
#65
n-Nitrosodiphenylamine
Concen: 38.456 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	510651		
168	67.9	53.2	79.8	
167	37.1	29.5	44.3	

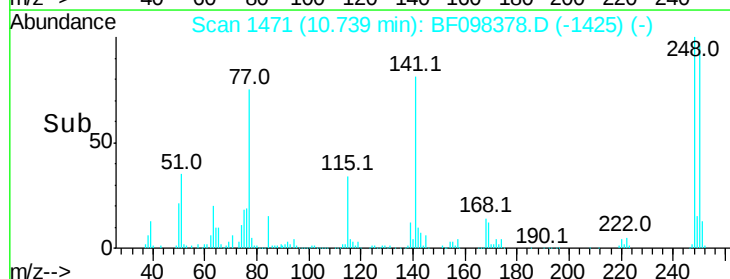
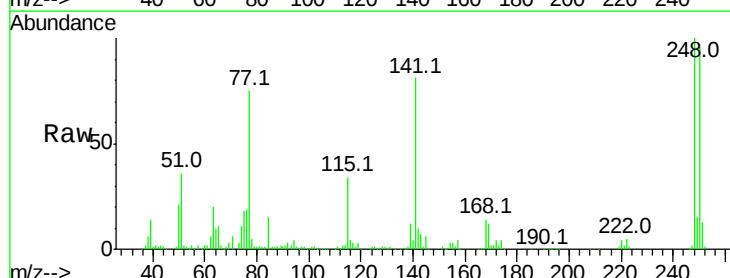
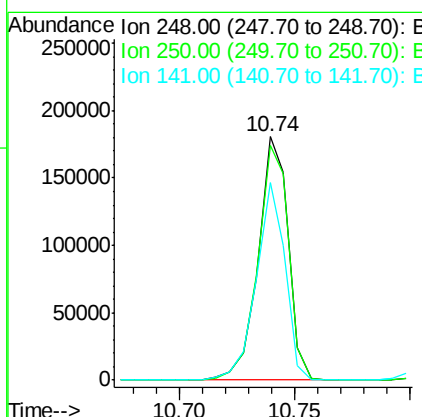
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#66
4-Bromophenyl-phenylether
Concen: 40.466 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	163862		
250	96.2	76.8	115.2	
141	80.9	68.6	103.0	





#67

Hexachlorobenzene

Concen: 38.845 ng

RT: 10.81 min Scan# 1483

Delta R.T. -0.03 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

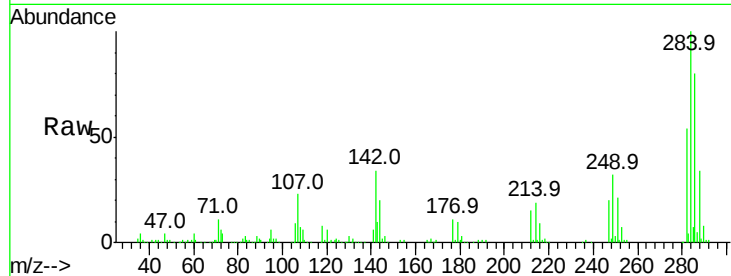
ClientSampleId :

PB102122BS

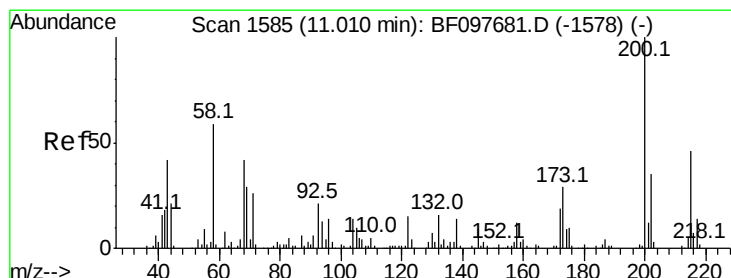
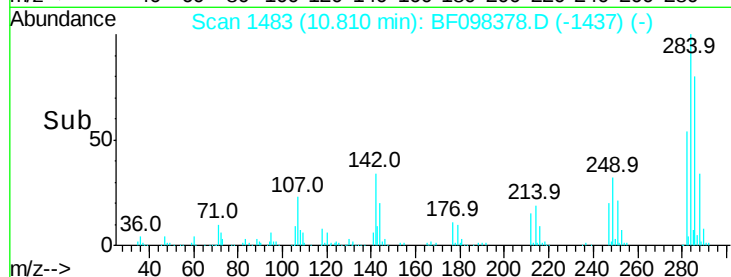
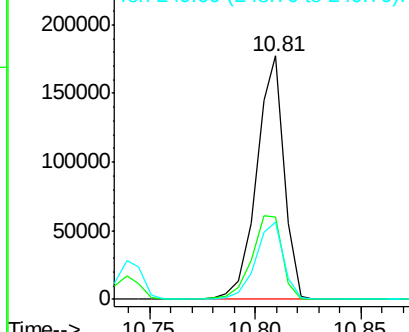
Tot Ion:	284	Resp:	160330
Ion Ratio	Lower	Upper	
284	100		
142	34.0	22.8	34.2
249	31.7	24.0	36.0

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



#68

Atrazine

Concen: 43.102 ng

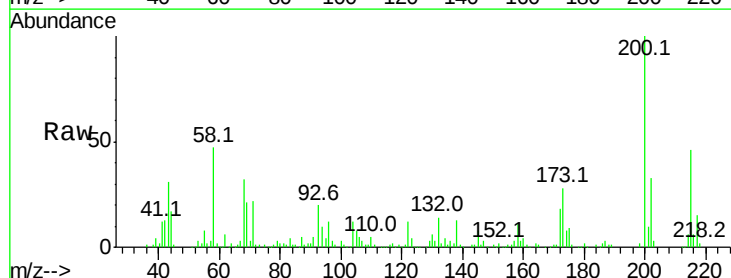
RT: 10.92 min Scan# 1501

Delta R.T. -0.02 min

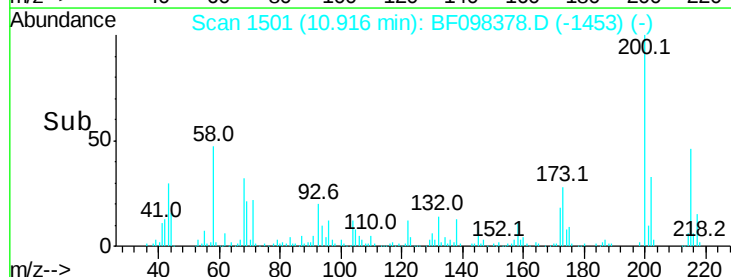
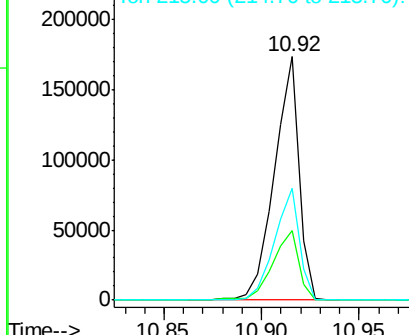
Lab File: BF098378.D

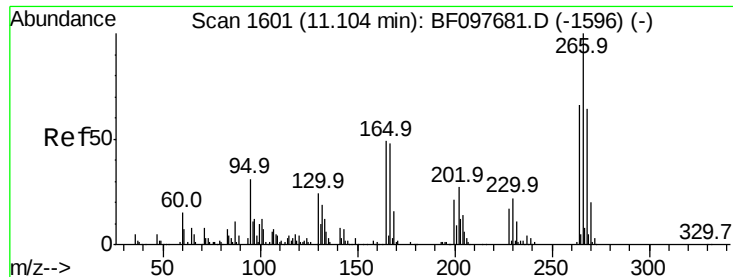
Acq: 9 Sep 2017 11:43

Tgt Ion:	200	Resp:	151786
Ion Ratio	Lower	Upper	
200	100		
173	28.5	6.3	46.3
215	46.0	27.2	67.2



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





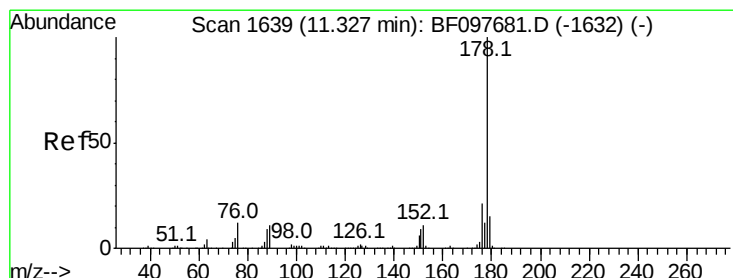
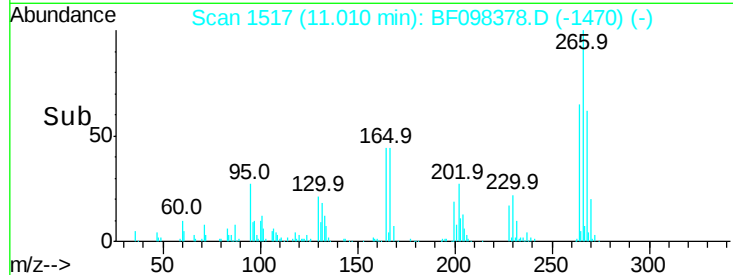
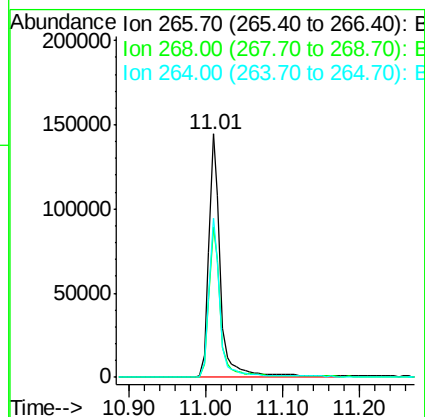
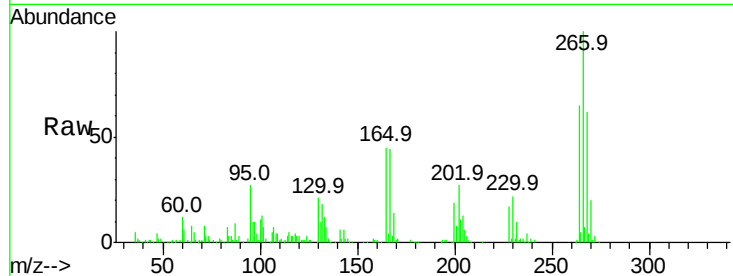
#69
 Pentachlorophenol
 Concen: 64.080 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	154209		
268	61.7	51.1	76.7	
264	65.2	51.7	77.5	

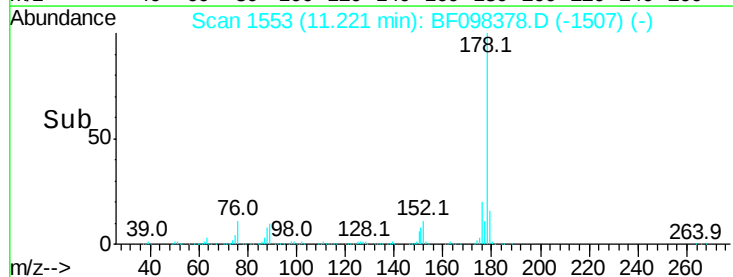
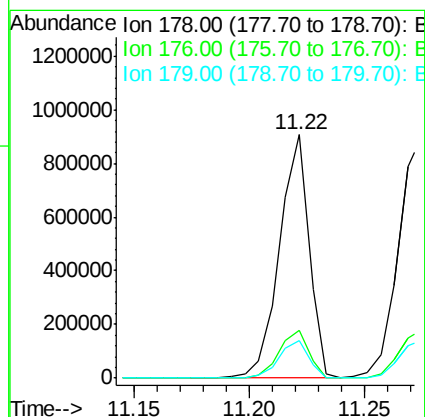
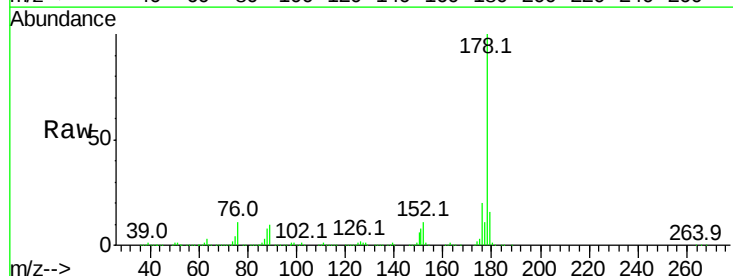
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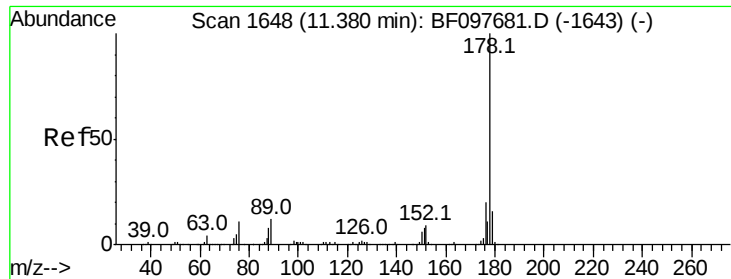
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#70
 Phenanthrene
 Concen: 38.801 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	806260		
176	19.8	16.2	24.4	
179	15.6	12.6	19.0	





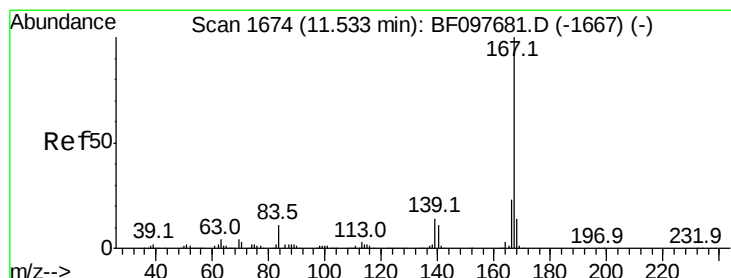
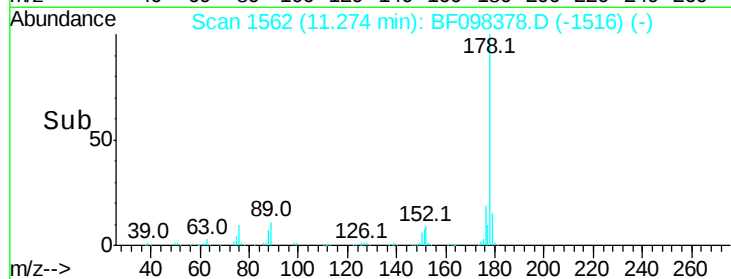
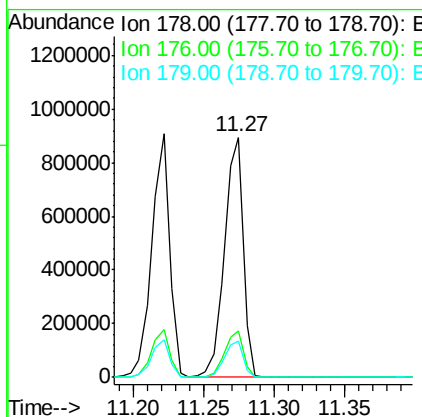
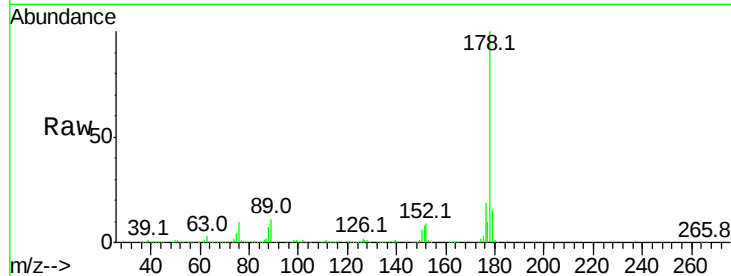
#71
 Anthracene
 Concen: 39.333 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.03 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.2	12.7	19.1

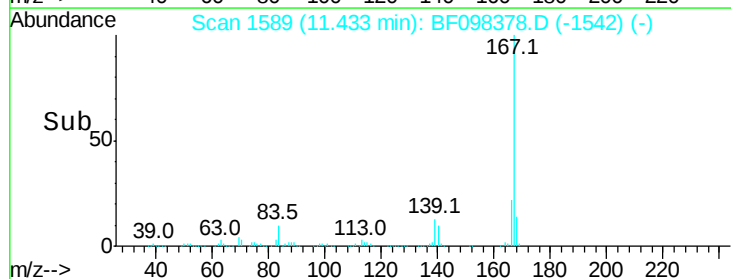
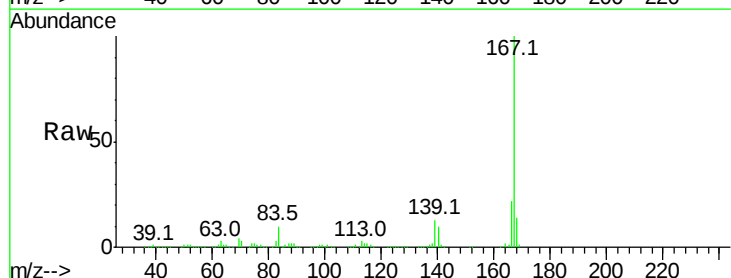
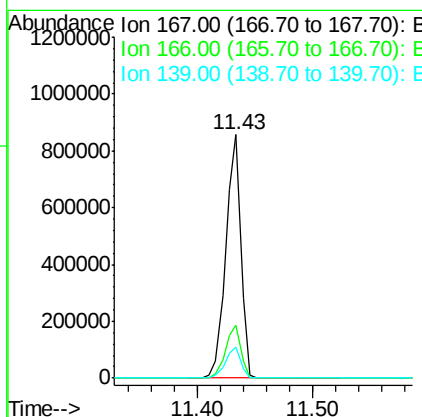
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#72
 Carbazole
 Concen: 38.482 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.02 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	12.8	11.7	17.5





#73

Di-n-butylphthalate

Concen: 43.452 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.03 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

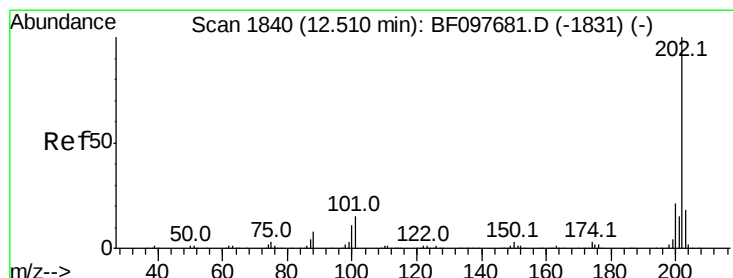
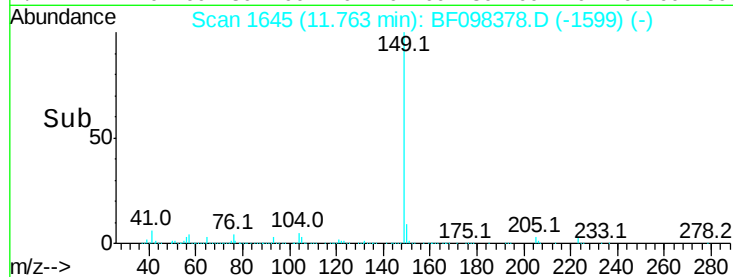
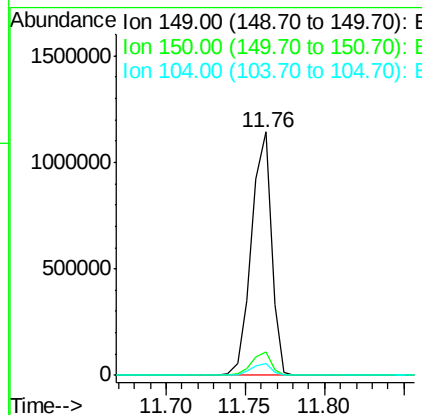
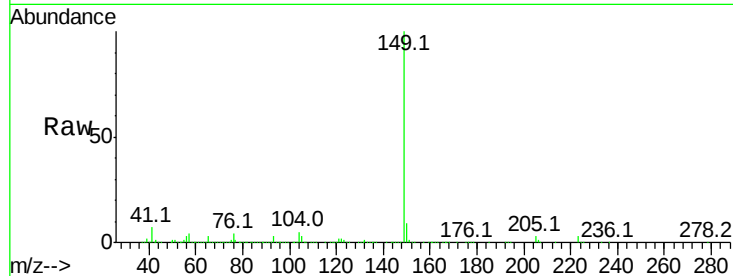
ClientSampleId :

PB102122BS

Tot Ion:	149	Resp:	1001281
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	4.8	4.0	6.0

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#74

Fluoranthene

Concen: 39.002 ng

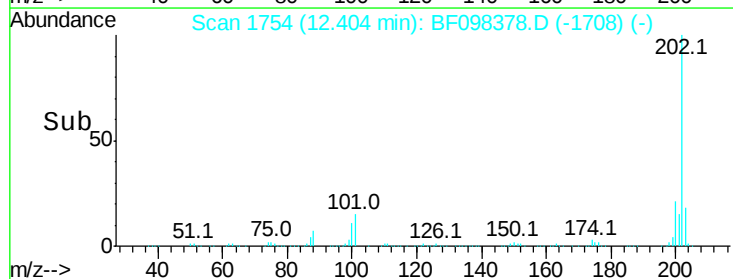
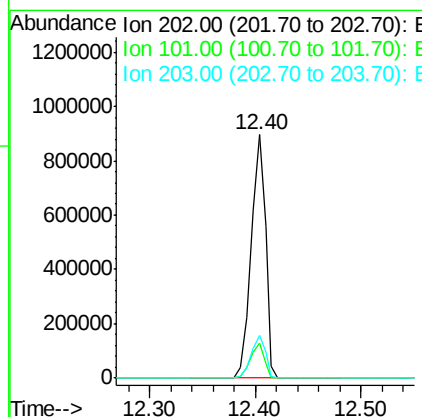
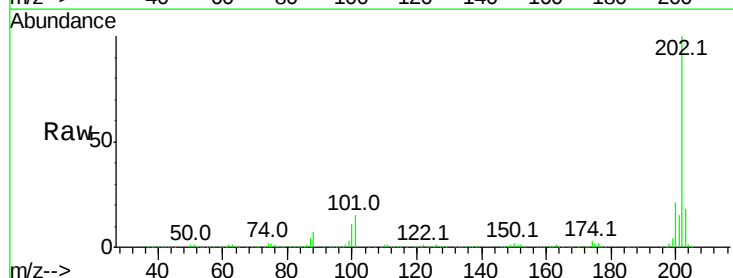
RT: 12.40 min Scan# 1754

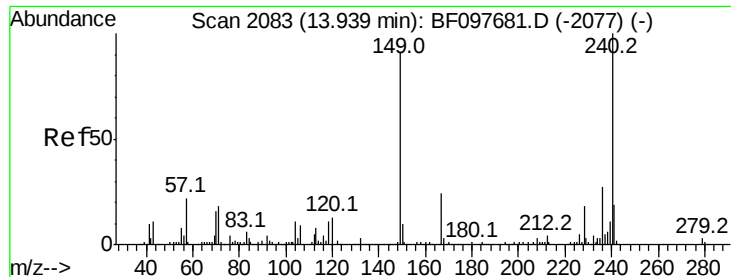
Delta R.T. -0.03 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Tgt Ion:	202	Resp:	845915
Ion Ratio	Lower	Upper	
202	100		
101	14.6	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

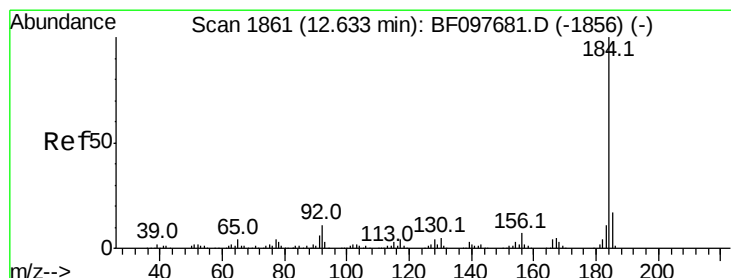
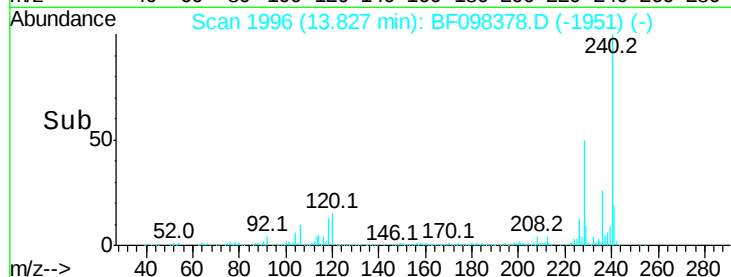
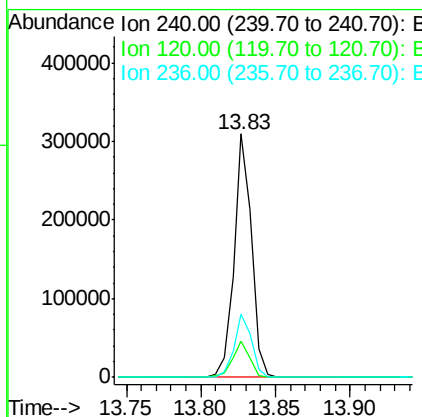
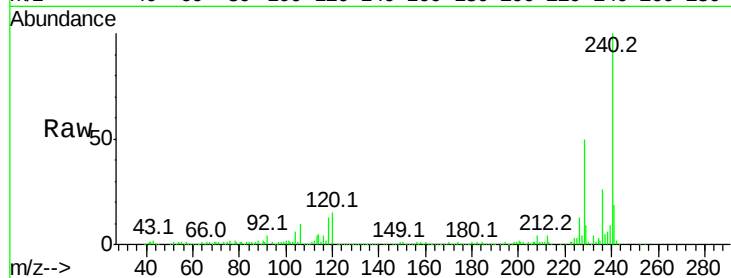
ClientSampleId :

PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	255659		
120	15.0		5.8	8.8#
236	26.0		20.5	30.7

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#76

Benzidine

Concen: 26.493 ng

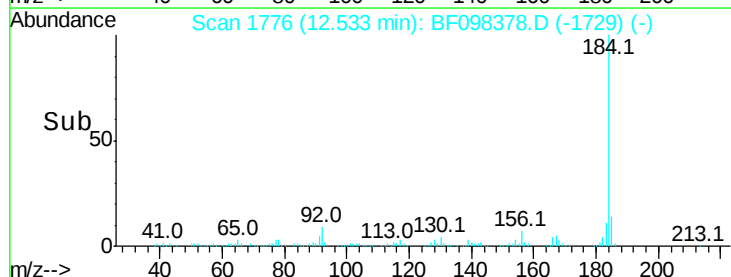
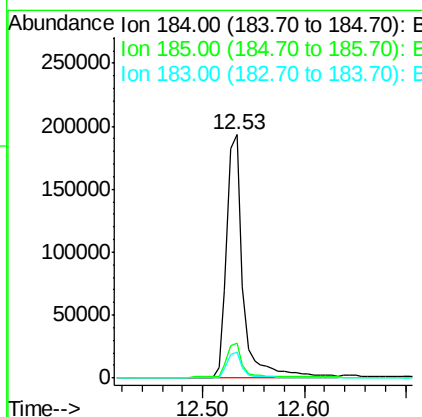
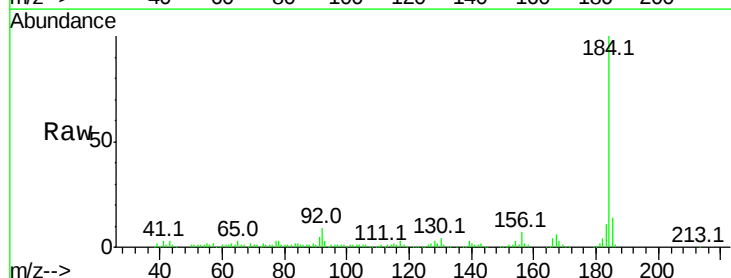
RT: 12.53 min Scan# 1776

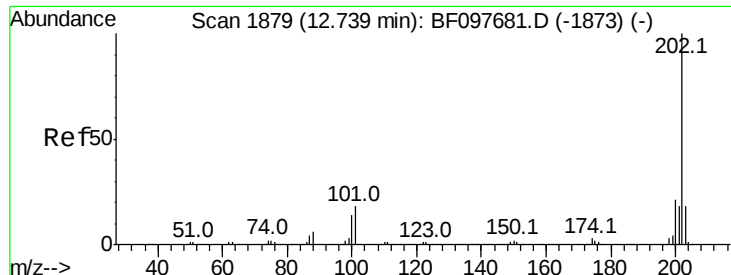
Delta R.T. -0.02 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	222076		
185	14.2		15.5	23.3#
183	10.9		9.8	14.6





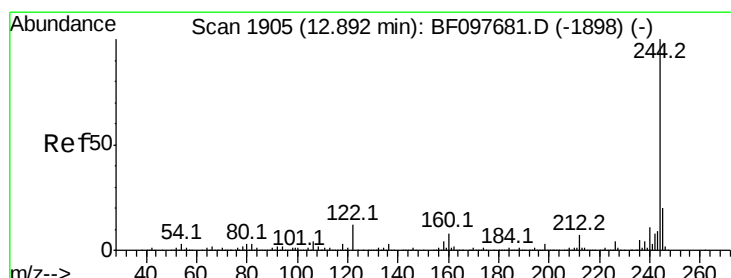
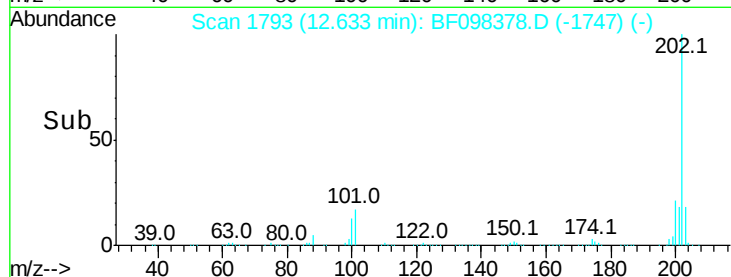
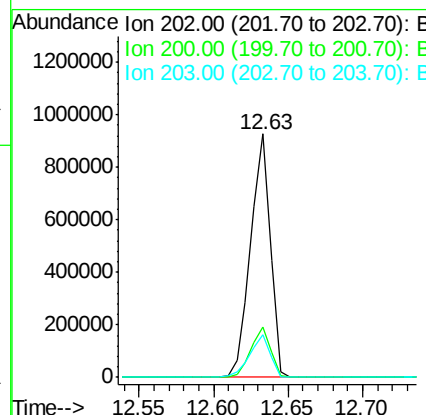
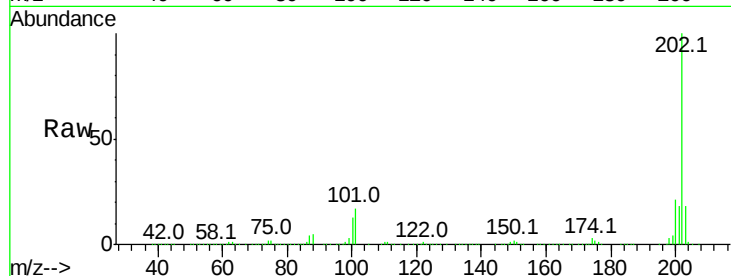
#77
Pvrene
Concen: 40.689 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.9	17.6	26.4
203	17.8	14.4	21.6

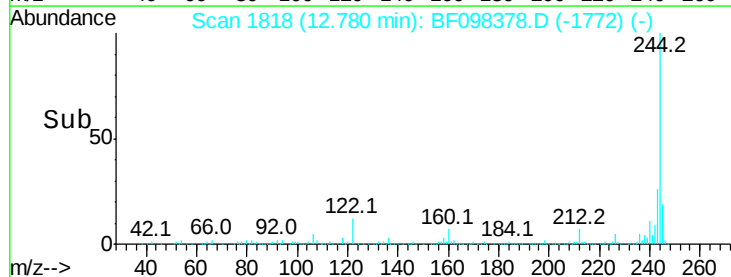
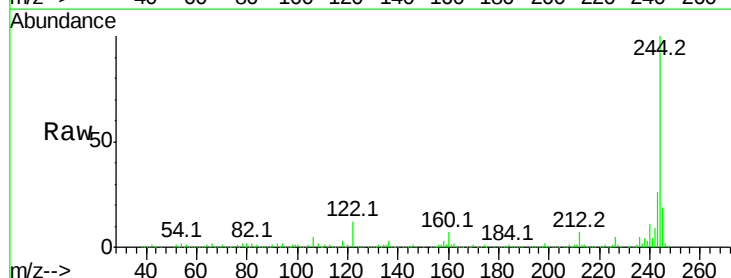
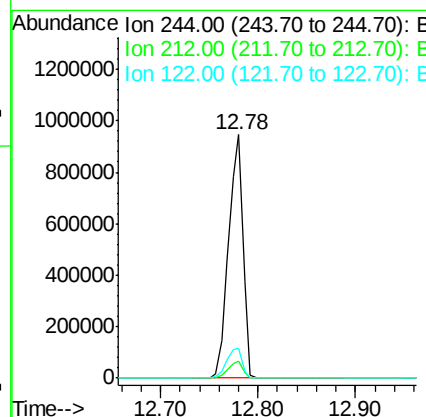
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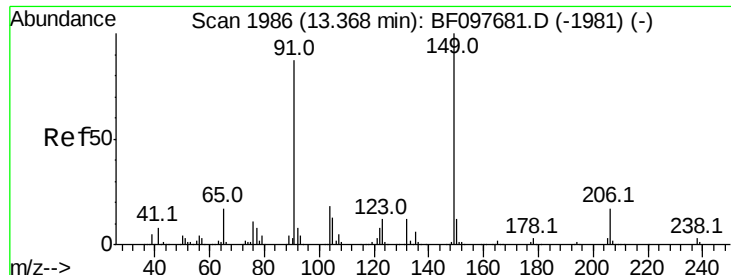
Sohil
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#78
Terphenyl-d14
Concen: 79.267 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.1	6.0	9.0
122	12.1	10.3	15.5





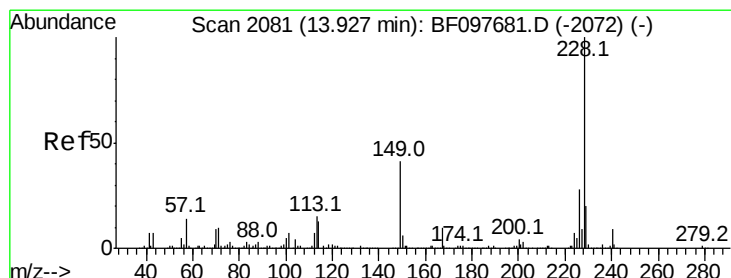
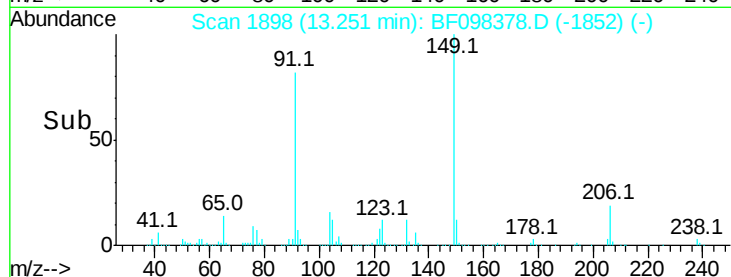
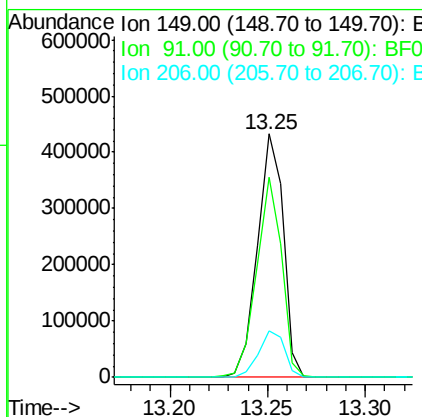
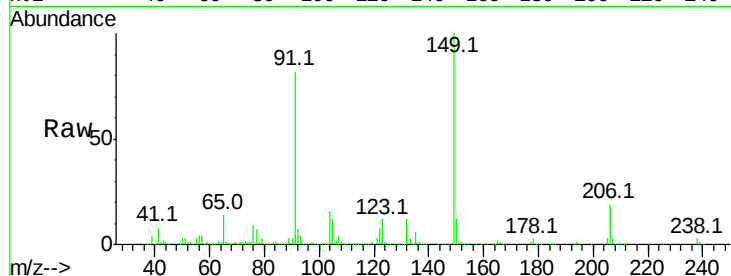
#79
Butylbenzylphthalate
Concen: 49.492 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	82.1	45.0	67.4#
206	19.2	17.0	25.6

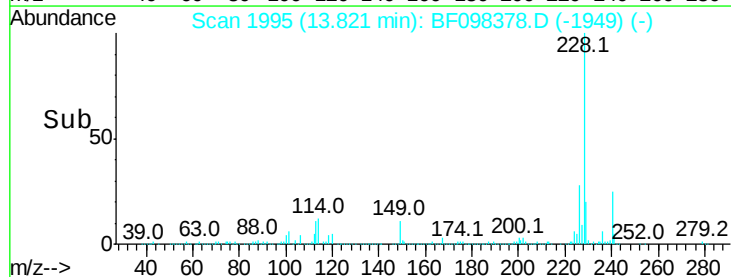
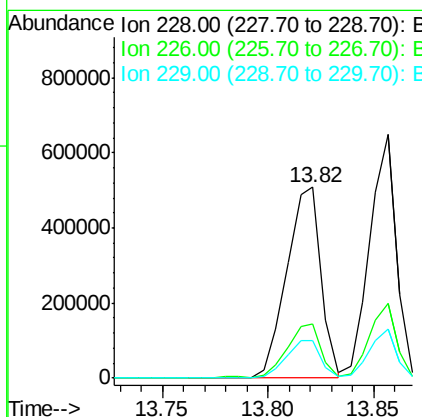
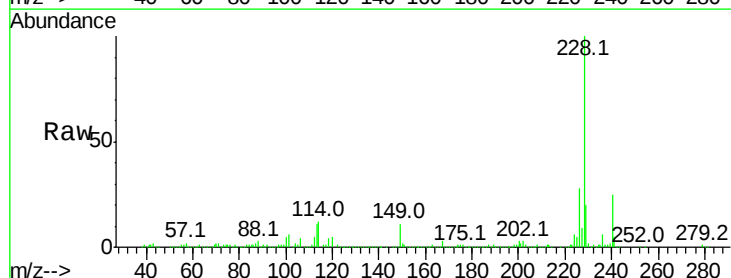
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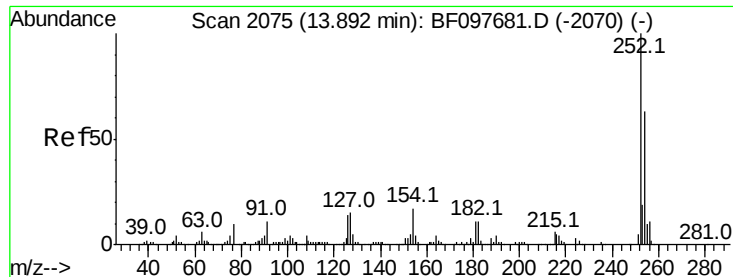
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#80
Benzo(a)anthracene
Concen: 37.652 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.2	22.6	33.8
229	19.8	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 34.764 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.04 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

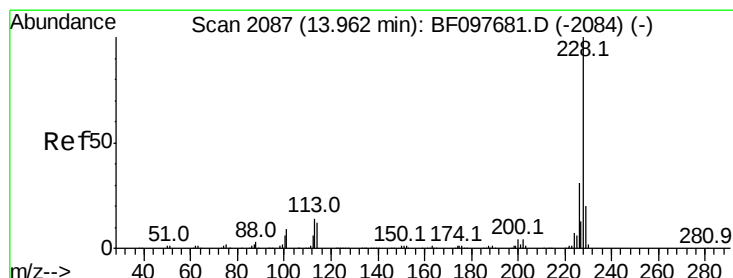
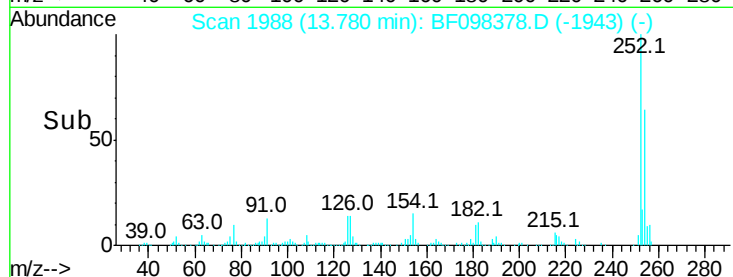
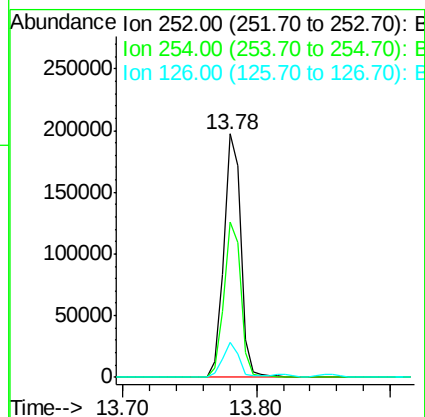
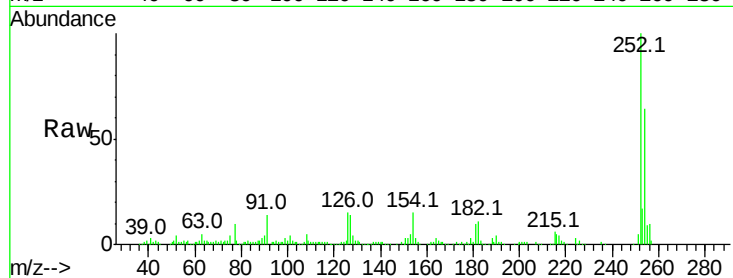
ClientSampleId :

PB102122BS

Tot Ion:	252	Resp:	179746
Ion Ratio	Lower	Upper	
252	100		
254	64.0	51.5	77.3
126	14.5	15.8	23.8#

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#82

Chrysene

Concen: 37.601 ng

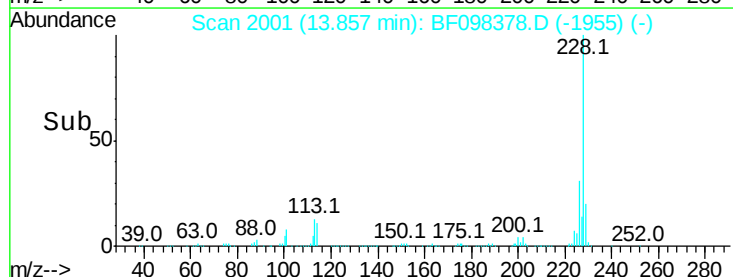
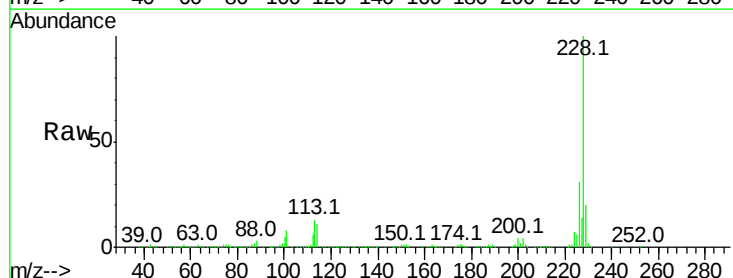
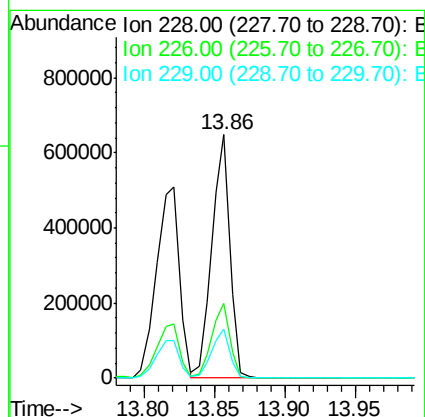
RT: 13.86 min Scan# 2001

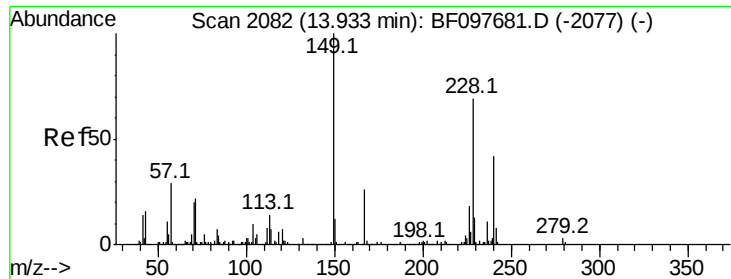
Delta R.T. -0.03 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Tgt Ion:	228	Resp:	573138
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.9	37.3
229	20.4	15.8	23.6





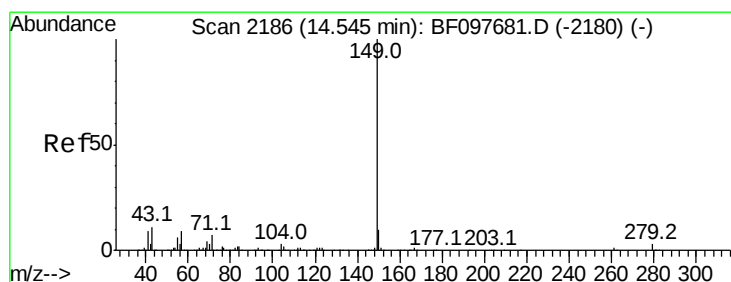
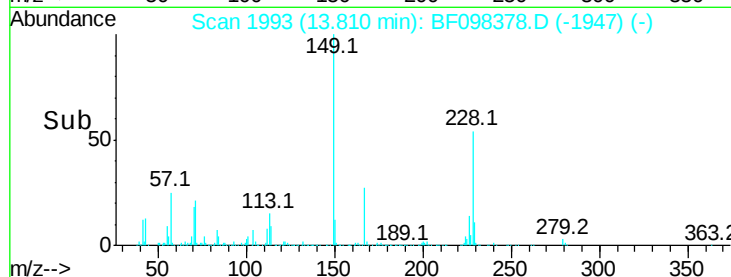
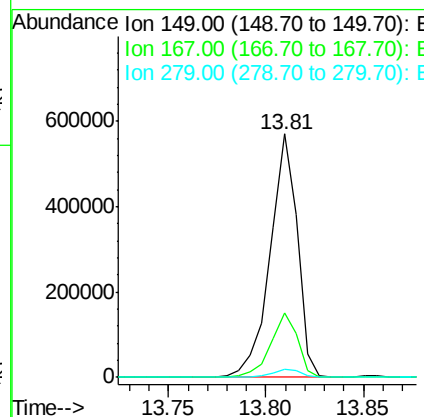
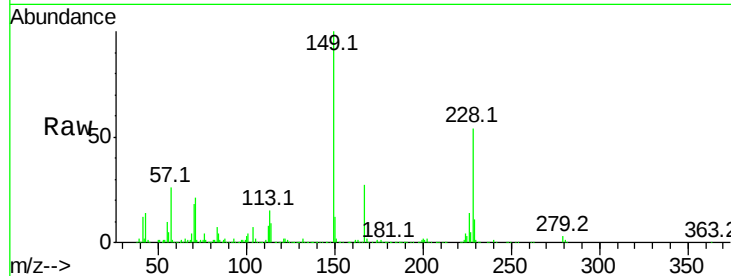
#83
Bis(2-ethylhexyl)phthalate
Concen: 61.799 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.6	21.0	31.4	
279	3.1	1.9	2.9#	

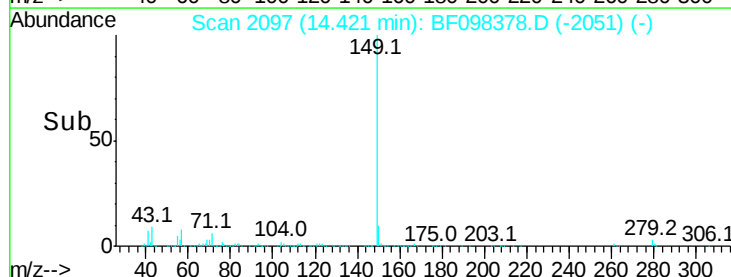
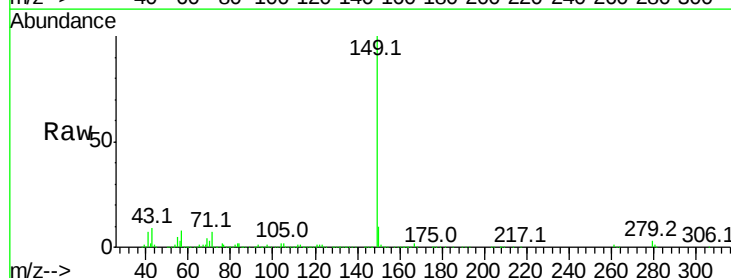
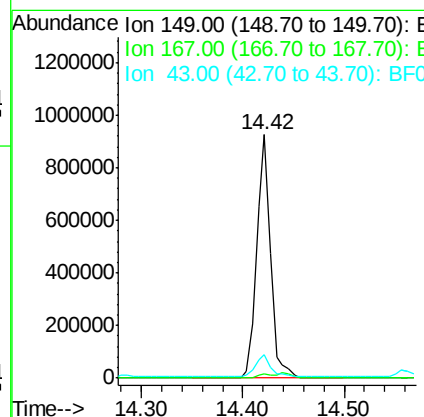
Manual Integrations
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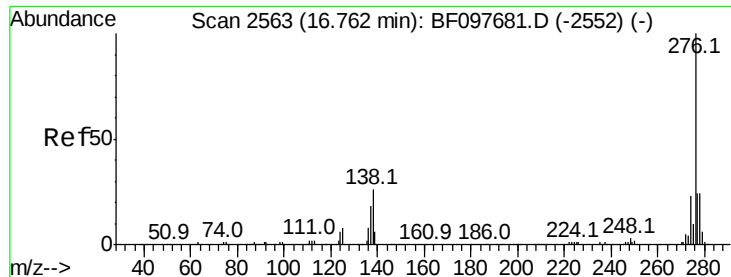
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#84
Di-n-octyl phthalate
Concen: 56.378 ng
RT: 14.42 min Scan# 2097
Delta R.T. -0.03 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	3.8	1.2	1.8#	
43	9.6	8.5	12.7	





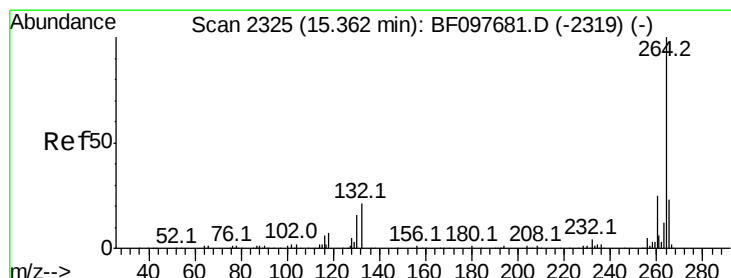
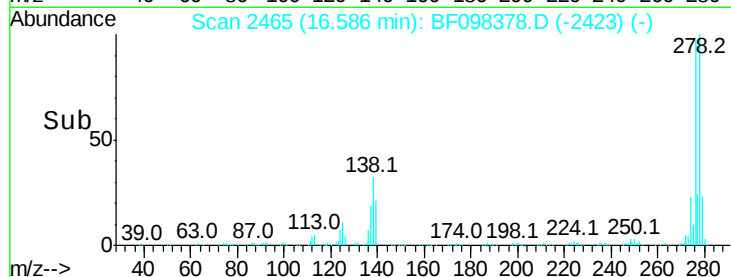
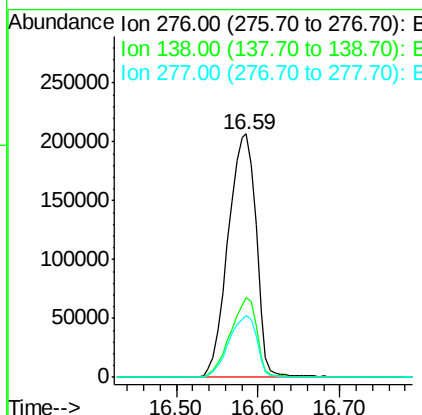
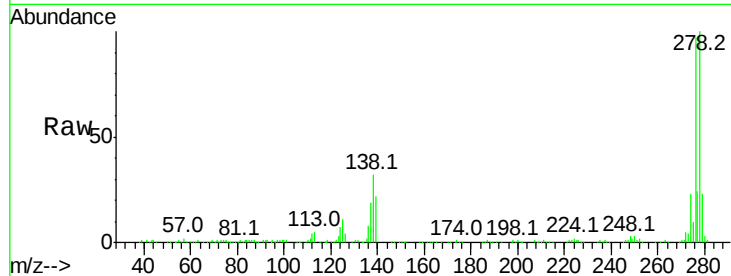
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.128 ng
RT: 16.59 min Scan# 2465
Delta R.T. -0.05 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampled :
PB102122BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.0	27.8	41.6
277	25.2	20.2	30.4

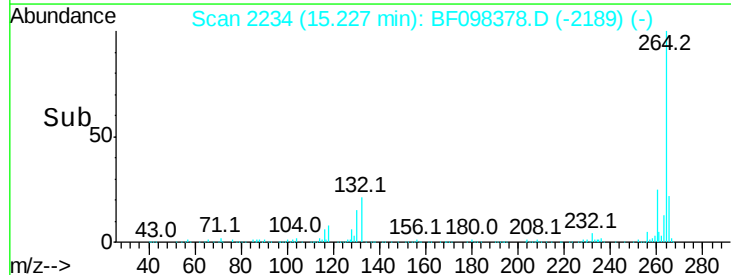
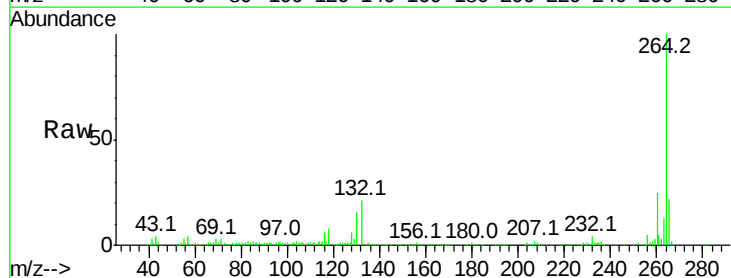
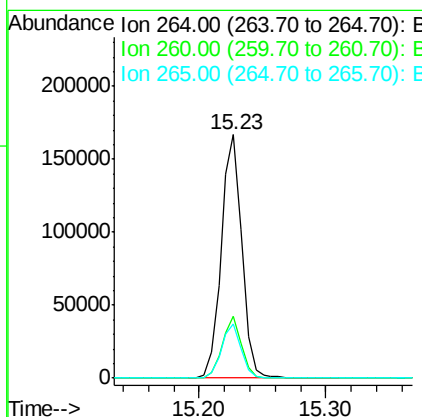
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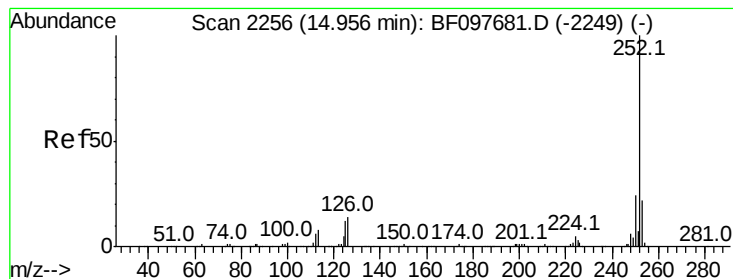
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.527 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Instrument :

BNA_F

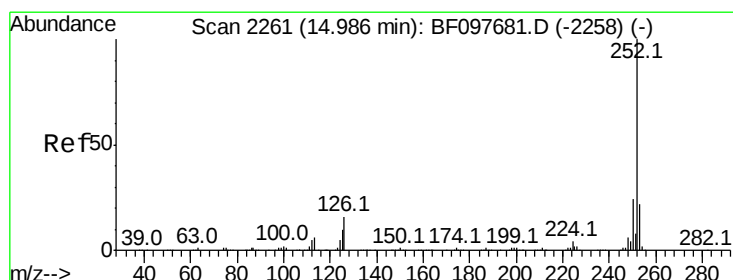
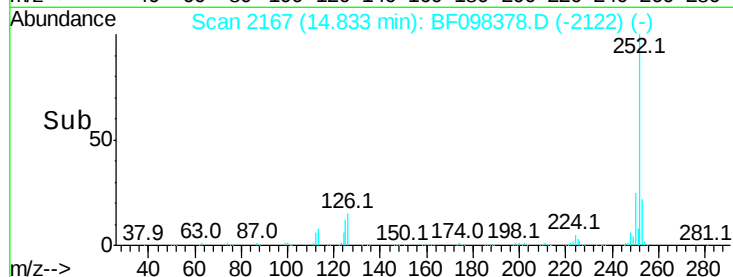
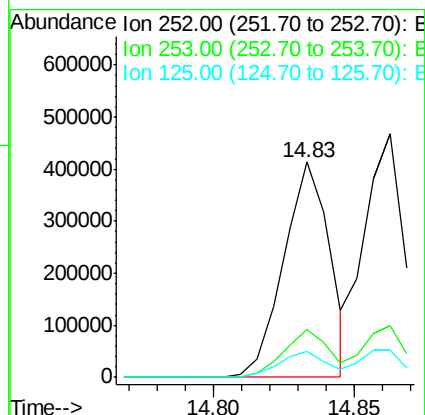
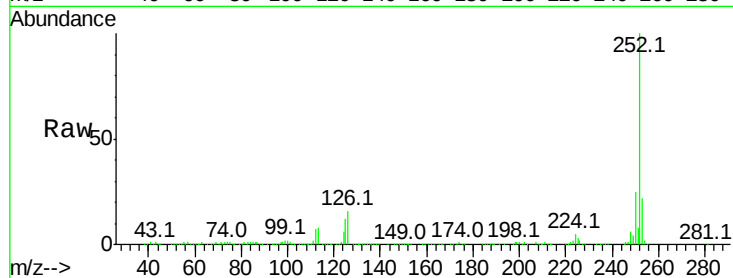
ClientSampleId :

PB102122BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.0	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 41.123 ng

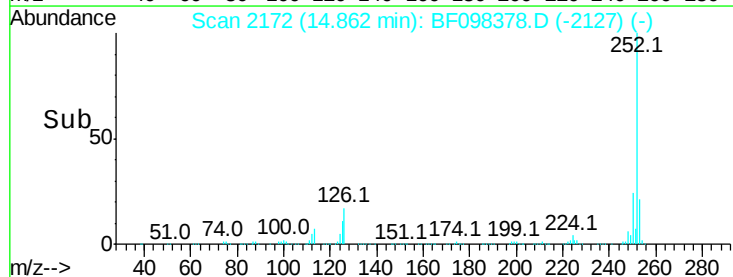
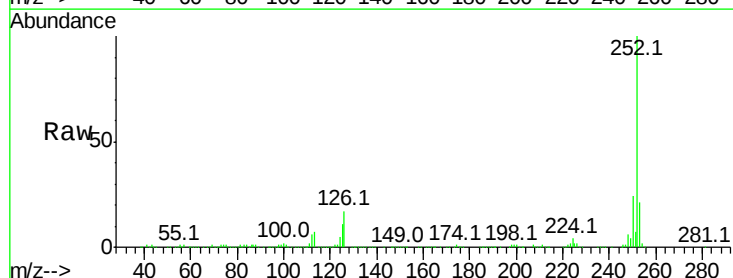
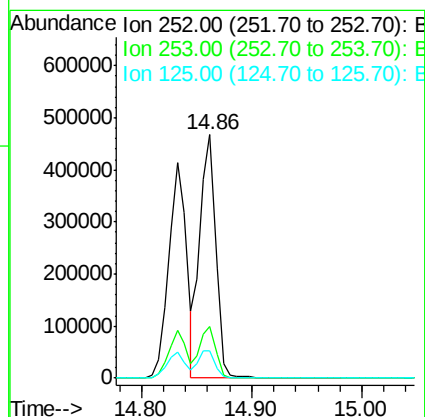
RT: 14.86 min Scan# 2172

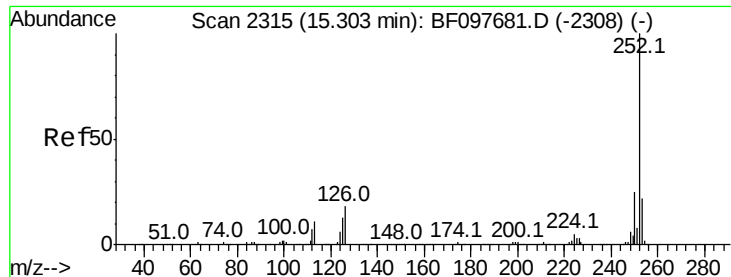
Delta R.T. -0.04 min

Lab File: BF098378.D

Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.4	27.6
125	11.2	13.1	19.7#





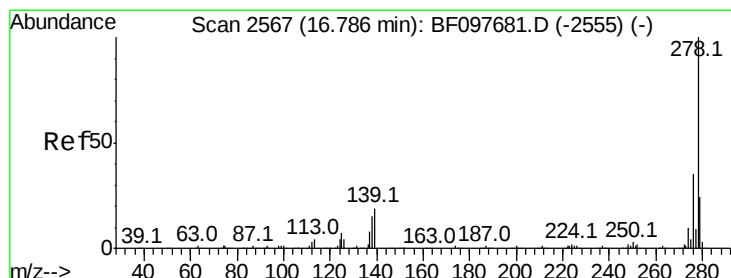
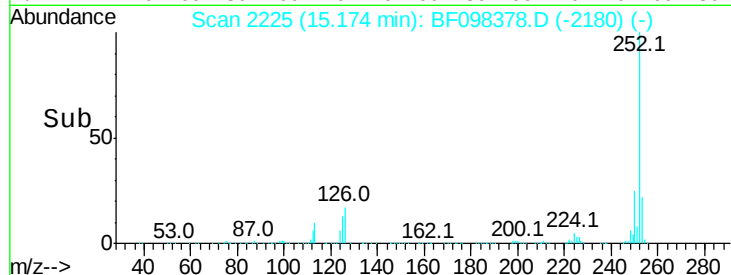
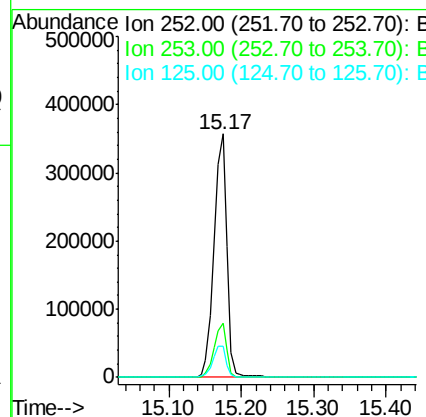
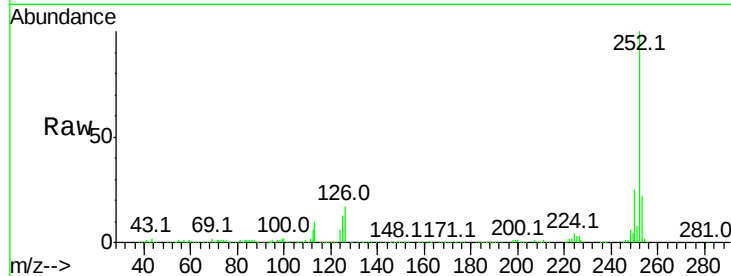
#89
Benzo(a)pyrene
Concen: 42.082 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Instrument :
BNA_F
ClientSampleId :
PB102122BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	13.0	11.0	16.4

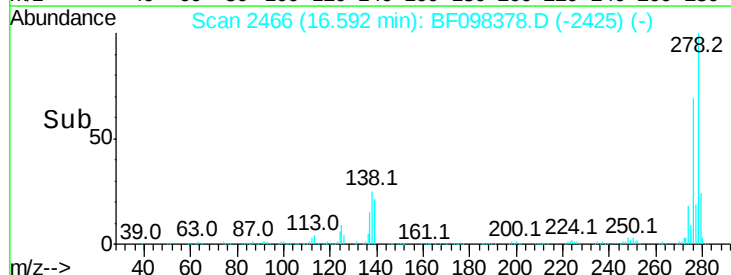
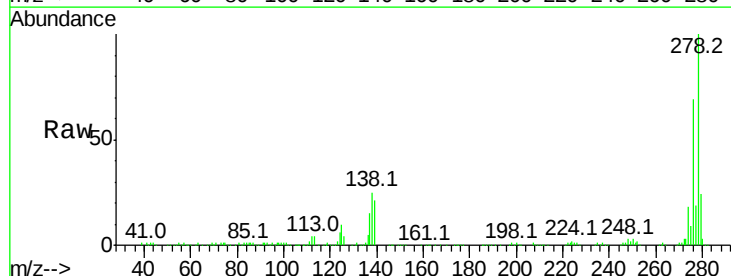
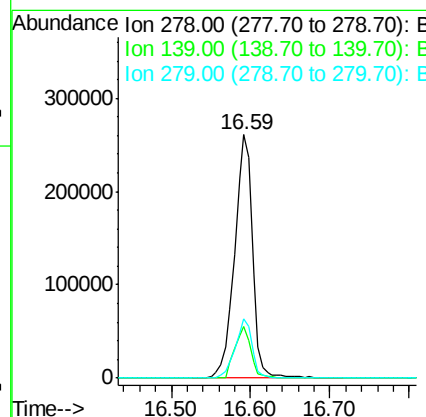
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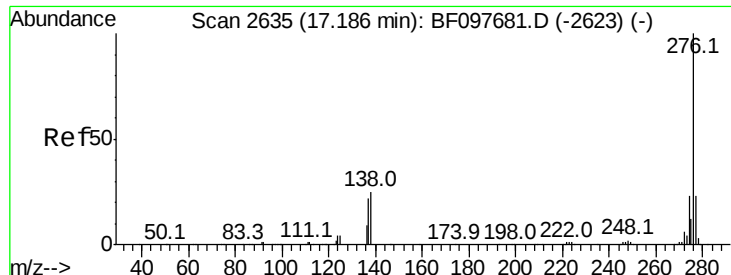
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 47.794 ng
RT: 16.59 min Scan# 2466
Delta R.T. -0.06 min
Lab File: BF098378.D
Acq: 9 Sep 2017 11:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.6	24.8
279	24.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 47.786 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. -0.06 min
 Lab File: BF098378.D
 Acq: 9 Sep 2017 11:43

Instrument :
 BNA_F
 ClientSampleId :
 PB102122BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	27.4	25.4	38.0

Manual Integrations
 APPROVED

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 9/11/2017 2:42:38 PM

