

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090817\
 Data File : BF098355.D
 Acq On : 8 Sep 2017 17:25
 Operator : SJ/JU
 Sample : PB102130BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BSD

Manual Integrations
 APPROVED

Sohil
 9/11/2017 4:47:39 PM

Quant Time: Sep 08 17:54:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 08 15:02:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	102768	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	406241	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	163667	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	255351	20.00	ng	0.00
75) Chrysene-d12	13.84	240	202631	20.00	ng	0.00
86) Perylene-d12	15.24	264	205907	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	576192	85.28	ng	0.02
7) Phenol-d6	6.33	99	749638	81.66	ng	0.00
23) Nitrobenzene-d5	7.26	82	666316	89.10	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	112702	79.36	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1001669	89.92	ng	0.00
78) Terphenyl-d14	12.79	244	624494	64.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	126112	33.470	ng	# 84
3) Pyridine	3.09	79	356545	34.229	ng	# 82
4) n-Nitrosodimethylamine	3.06	42	126129	31.469	ng	# 62
6) Aniline	6.35	93	344480	26.712	ng	# 32
8) 2-Chlorophenol	6.47	128	293133	41.140	ng	97
9) Benzaldehyde	6.23	77	69172	11.896	ng	85
10) Phenol	6.35	94	392426	36.551	ng	83
11) bis(2-Chloroethyl)ether	6.43	93	317718	39.208	ng	93
12) 1,3-Dichlorobenzene	6.62	146	297754	38.850	ng	# 94
13) 1,4-Dichlorobenzene	6.70	146	303607	38.950	ng	93
14) 1,2-Dichlorobenzene	6.85	146	276800	38.512	ng	100
15) Benzyl Alcohol	6.83	79	250952	36.514	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	385591	35.366	ng	83
17) 2-Methylphenol	6.96	107	253082	40.306	ng	# 91
18) Hexachloroethane	7.19	117	112246	36.729	ng	# 83
19) n-Nitroso-di-n-propylamine	7.11	70	221965	35.322	ng	# 88
20) 3+4-Methylphenols	7.11	107	313284	40.850	ng	# 72
22) Acetophenone	7.10	105	417364	38.890	ng	# 84
24) Nitrobenzene	7.27	77	344044	41.320	ng	96
25) Isophorone	7.52	82	616293	39.634	ng	99
26) 2-Nitrophenol	7.59	139	146300	48.444	ng	# 84
27) 2,4-Dimethylphenol	7.63	122	257987	39.782	ng	94
28) bis(2-Chloroethoxy)methane	7.72	93	406687	39.782	ng	98
29) 2,4-Dichlorophenol	7.83	162	222654	41.361	ng	94
30) 1,2,4-Trichlorobenzene	7.91	180	237114	39.734	ng	98
31) Naphthalene	7.99	128	814194	38.606	ng	99
32) Benzoic acid	7.77	122	109560	26.498	ng	92
33) 4-Chloroaniline	8.05	127	203958	22.931	ng	97
34) Hexachlorobutadiene	8.10	225	137852	39.564	ng	98
35) Caprolactam	8.43	113	75749m	41.391	ng	
36) 4-Chloro-3-methylphenol	8.54	107	253206	36.610	ng	# 79
37) 2-Methylnaphthalene	8.68	142	517473	40.021	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	213876	42.580	ng	99
40) Hexachlorocyclopentadiene	8.83	237	104486	43.300	ng	99

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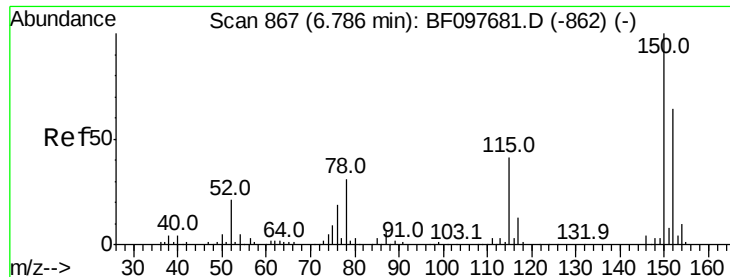
Manual Integrations
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Sohil
 9/11/2017 4:47:39 PM

Quant Time: Sep 08 17:54:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	138548	41.085	ng	96
43) 2,4,5-Trichlorophenol	9.01	196	140103	41.878	ng	97
45) 1,1'-Biphenyl	9.15	154	598429	40.096	ng	96
46) 2-Chloronaphthalene	9.17	162	438042	39.722	ng	# 92
47) 2-Nitroaniline	9.27	65	154703	41.846	ng	90
48) Acenaphthylene	9.58	152	678564	39.184	ng	100
49) Dimethylphthalate	9.45	163	533994	44.635	ng	100
50) 2,6-Dinitrotoluene	9.52	165	107613	45.063	ng	# 74
51) Acenaphthene	9.76	154	400019	36.626	ng	100
52) 3-Nitroaniline	9.68	138	86355	28.028	ng	88
53) 2,4-Dinitrophenol	9.80	184	25804	29.978	ng	# 76
54) Dibenzofuran	9.93	168	585054	39.969	ng	97
55) 4-Nitrophenol	9.86	139	127161	51.738	ng	# 57
56) 2,4-Dinitrotoluene	9.92	165	122538	40.888	ng	# 58
57) Fluorene	10.27	166	428095	37.827	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.05	232	99683	38.485	ng	89
59) Diethylphthalate	10.15	149	508538	40.648	ng	97
60) 4-Chlorophenyl-phenylether	10.26	204	207963	39.555	ng	# 85
61) 4-Nitroaniline	10.29	138	99817	34.087	ng	77
62) Azobenzene	10.42	77	552115	37.152	ng	93
64) 4,6-Dinitro-2-methylphenol	10.33	198	23246	24.291	ng	# 65
65) n-Nitrosodiphenylamine	10.38	169	393070	45.204	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	125187	47.211	ng	# 90
67) Hexachlorobenzene	10.82	284	111989	41.435	ng	# 92
68) Atrazine	10.92	200	111589	48.390	ng	98
69) Pentachlorophenol	11.02	266	85138	54.027	ng	97
70) Phenanthrene	11.23	178	546329	40.151	ng	100
71) Anthracene	11.28	178	552989	40.069	ng	99
72) Carbazole	11.44	167	499659	38.141	ng	97
73) Di-n-butylphthalate	11.77	149	696209	46.139	ng	99
74) Fluoranthene	12.41	202	523383	36.852	ng	98
76) Benzidine	12.54	184	399521	60.134	ng	# 93
77) Pyrene	12.64	202	536528	32.374	ng	98
79) Butylbenzylphthalate	13.26	149	259334	40.814	ng	# 79
80) Benzo(a)anthracene	13.83	228	461719	38.019	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	170698	41.653	ng	# 94
82) Chrysene	13.86	228	464505	38.449	ng	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	347183	49.309	ng	# 100
84) Di-n-octyl phthalate	14.43	149	666997	54.444	ng	96
85) Indeno(1,2,3-cd)pyrene	16.60	276	450351	50.674	ng	97
87) Benzo(b)fluoranthene	14.84	252	531023	40.914	ng	98
88) Benzo(k)fluoranthene	14.87	252	449229m	36.841	ng	
89) Benzo(a)pyrene	15.19	252	482002	41.950	ng	98
90) Dibenzo(a,h)anthracene	16.62	278	384345	41.088	ng	100
91) Benzo(g,h,i)perylene	17.01	276	356765	36.553	ng	95

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



#1

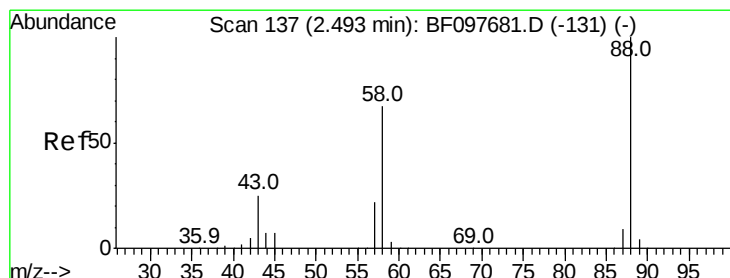
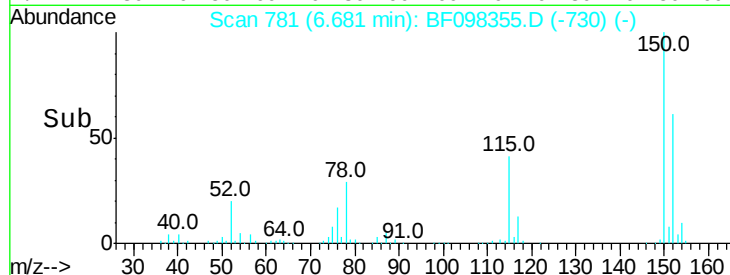
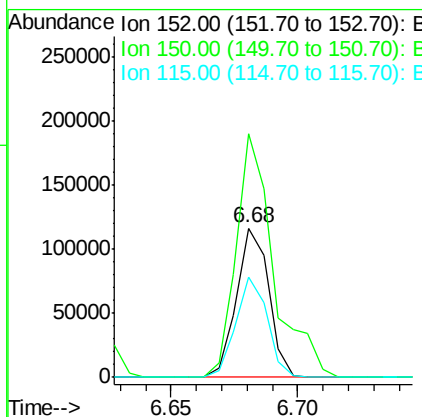
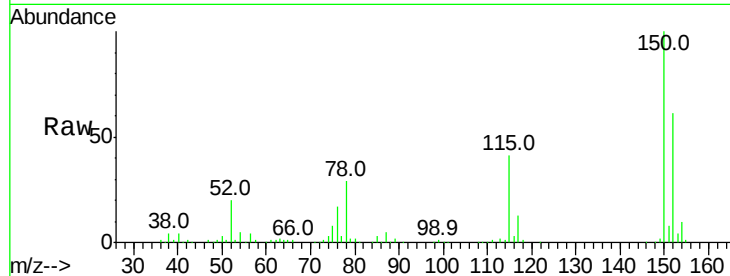
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.2	126.2	189.2
115	66.9	52.2	78.2

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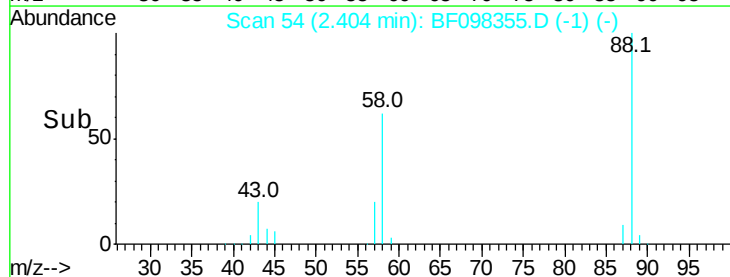
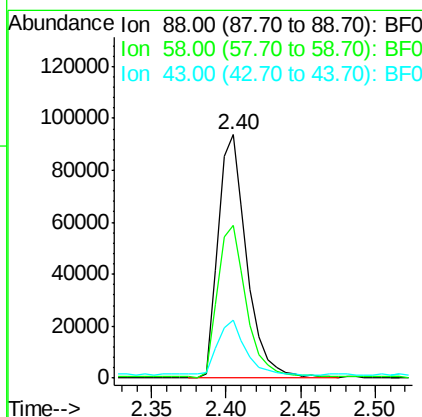
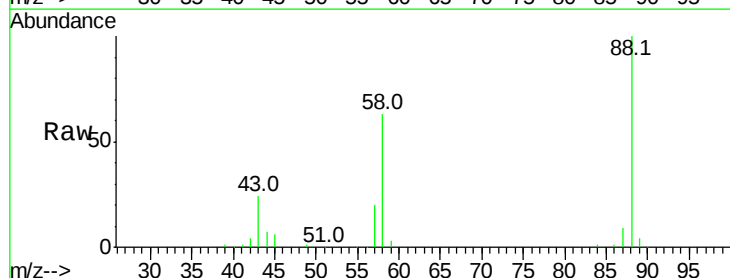
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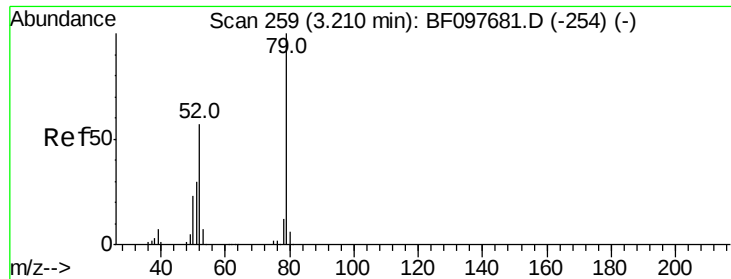


#2

1,4-Dioxane
Concen: 33.470 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.09 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.8	61.4	92.0
43	22.5	23.4	35.0#





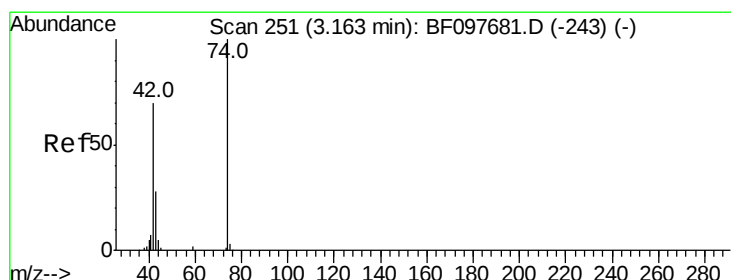
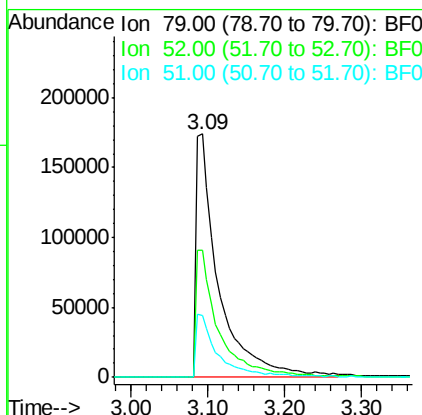
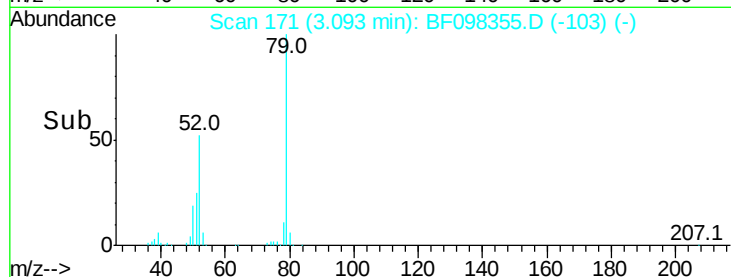
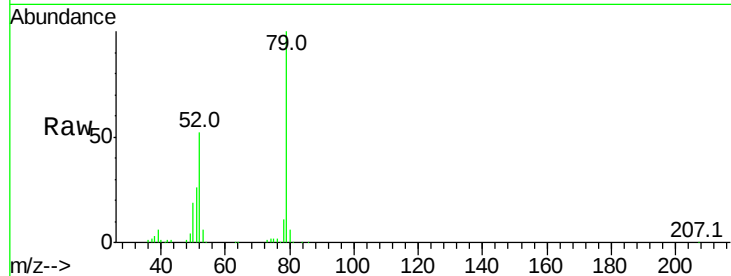
#3
 Pvrindine
 Concen: 34.229 ng
 RT: 3.09 min Scan# 171
 Delta R.T. 0.10 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	52.5	54.8	82.2#
51	25.5	27.0	40.4#

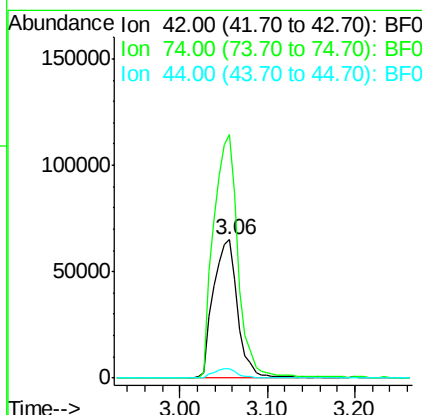
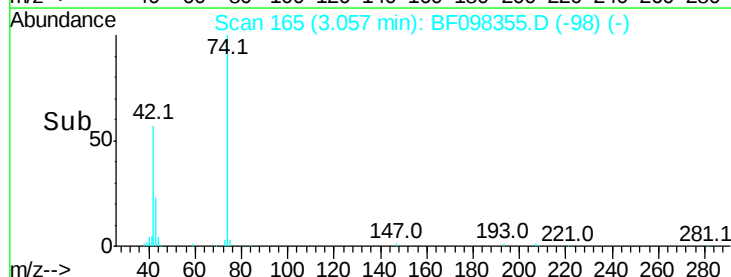
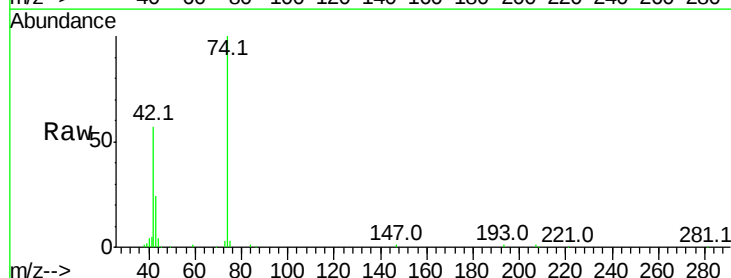
Manual Integrations
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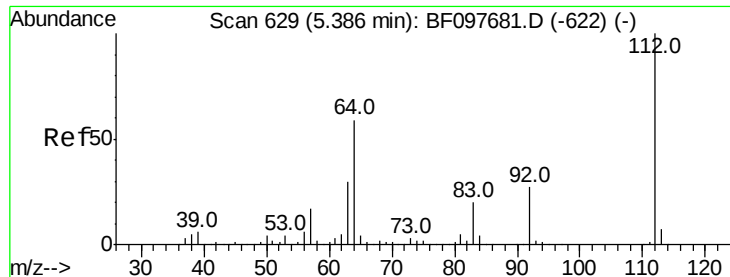
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#4
 n-Nitrosodimethylamine
 Concen: 31.469 ng
 RT: 3.06 min Scan# 165
 Delta R.T. 0.09 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	176.1	103.9	155.9#
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 85.282 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.02 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Instrument :

BNA_F

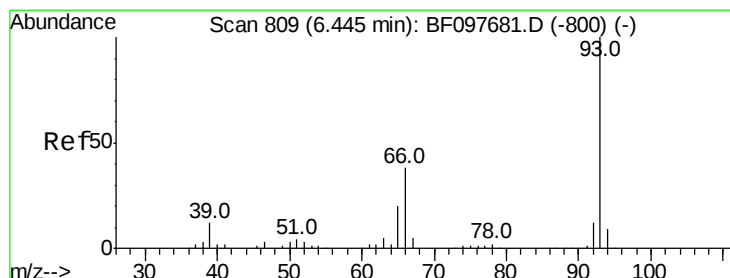
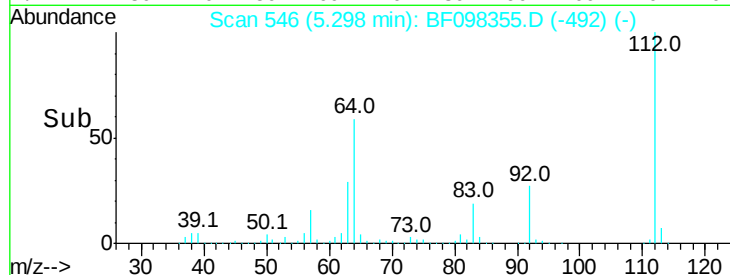
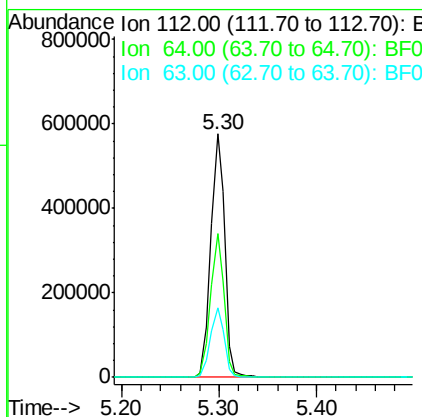
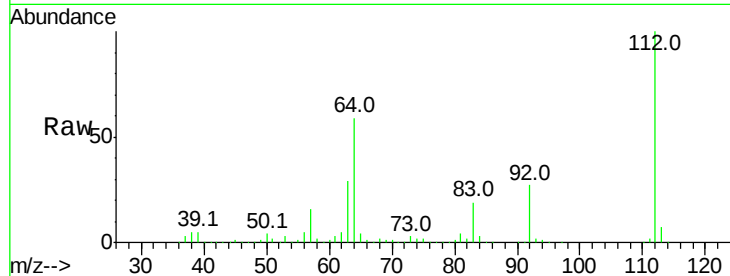
ClientSampleId :

PB102130BSD

Tot Ion:	112	Resp:	576192
Ion Ratio	Lower	Upper	
112	100		
64	59.2	46.0	69.0
63	28.6	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 26.712 ng

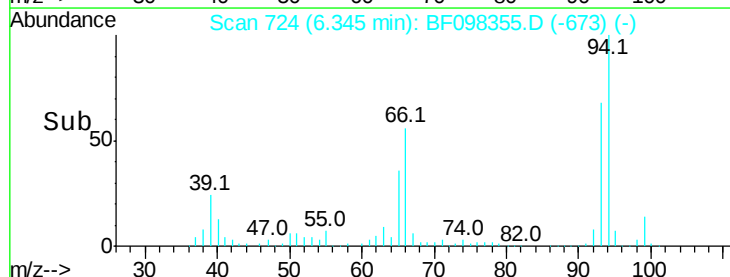
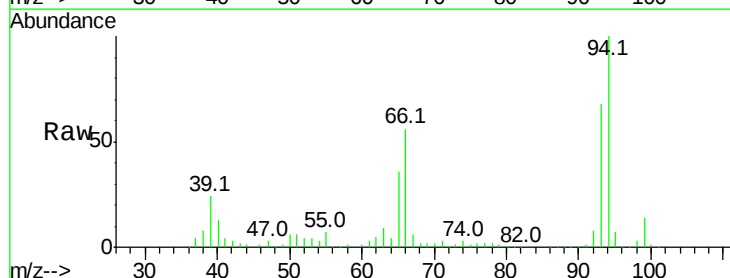
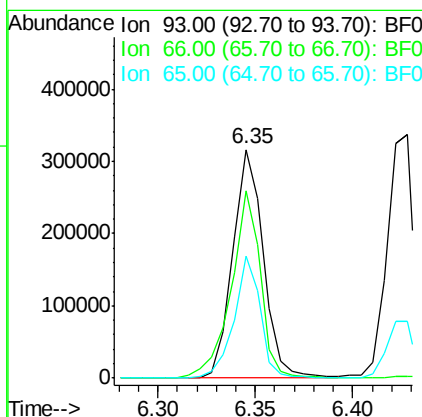
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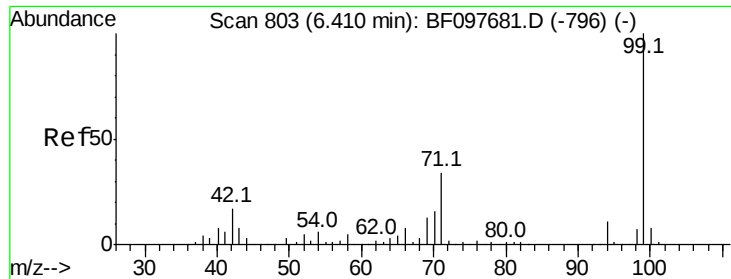
Delta R.T. 0.00 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Tgt Ion:	93	Resp:	344480
Ion Ratio	Lower	Upper	
93	100		
66	82.2	32.9	49.3#
65	53.2	16.0	24.0#





#7

Phenol-d6

Concen: 81.661 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Instrument :

BNA_F

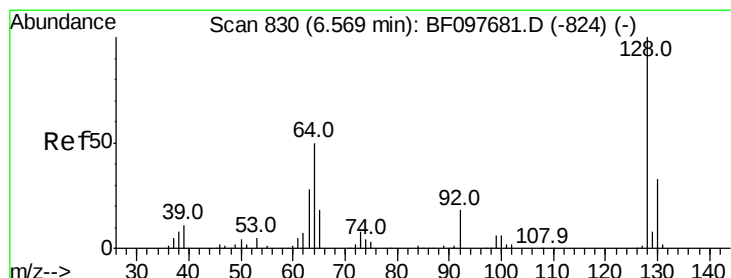
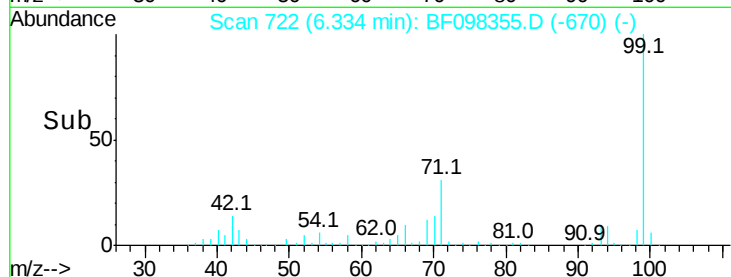
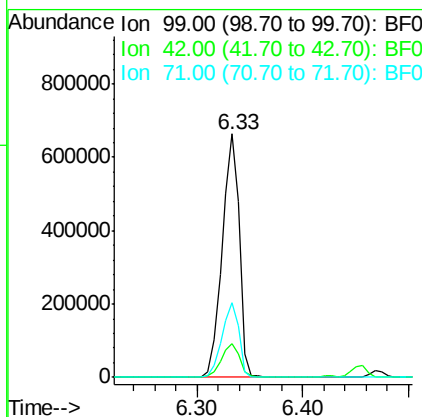
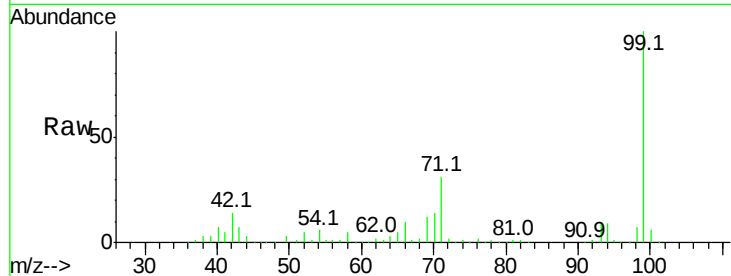
ClientSampleId :

PB102130BSD

Tot Ion:	99	Resp:	749638
Ion Ratio	Lower	Upper	
99	100		
42	13.7	13.5	20.3
71	30.9	24.5	36.7

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#8

2-Chlorophenol

Concen: 41.140 ng

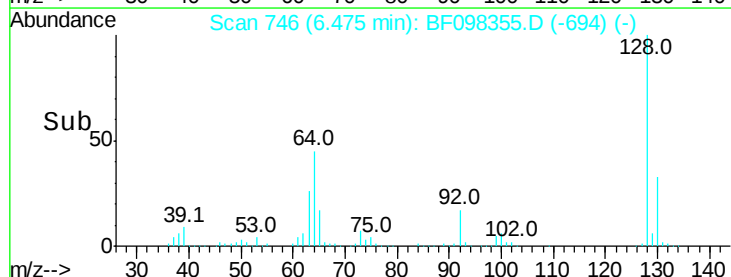
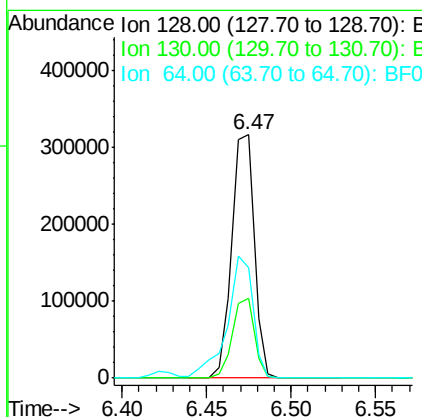
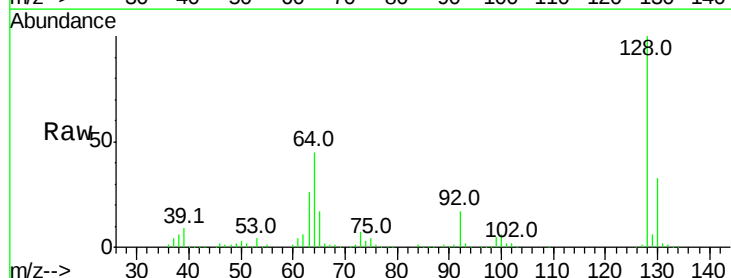
RT: 6.47 min Scan# 746

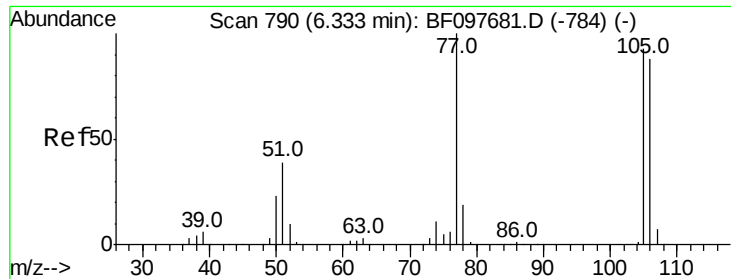
Delta R.T. 0.01 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Tgt Ion:	128	Resp:	293133
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	45.2	28.4	68.4





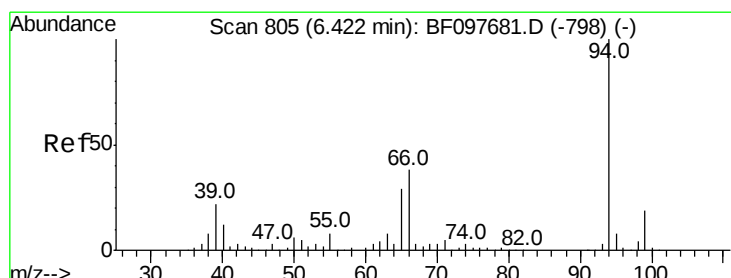
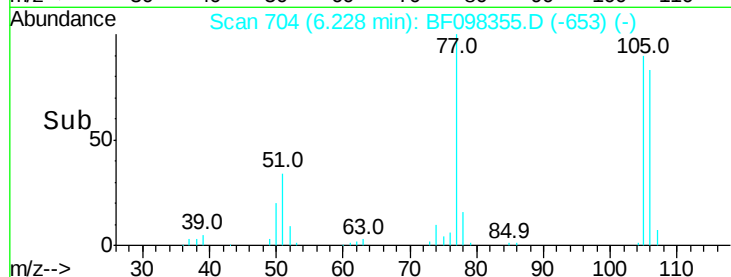
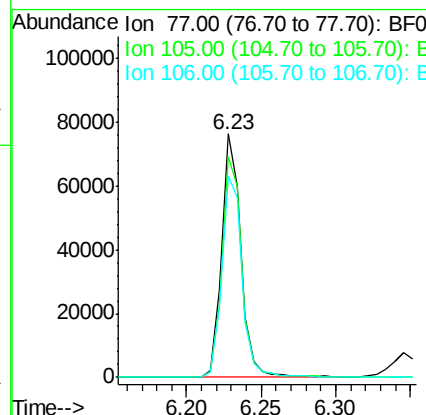
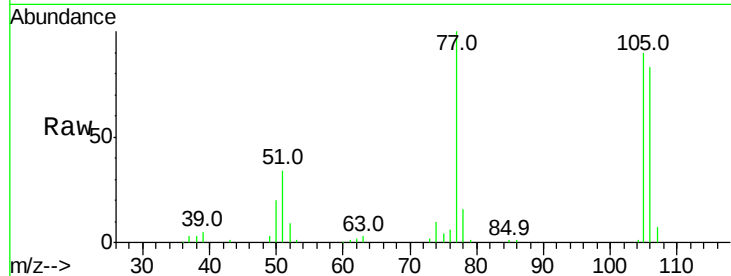
#9
Benzaldehyde
Concen: 11.896 ng
RT: 6.23 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleID :
PB102130BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.5	83.8	123.8
106	82.7	79.1	119.1

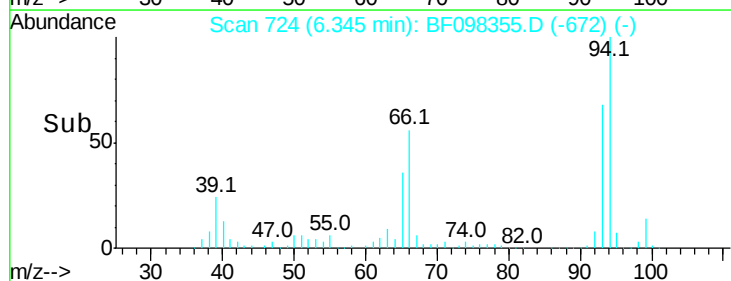
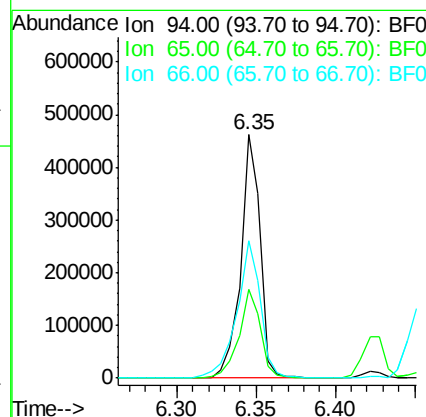
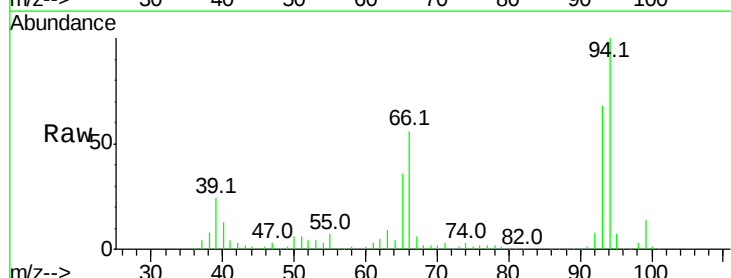
Manual Integrations
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#10
Phenol
Concen: 36.551 ng
RT: 6.35 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.5	9.9	49.9
66	56.3	23.1	63.1





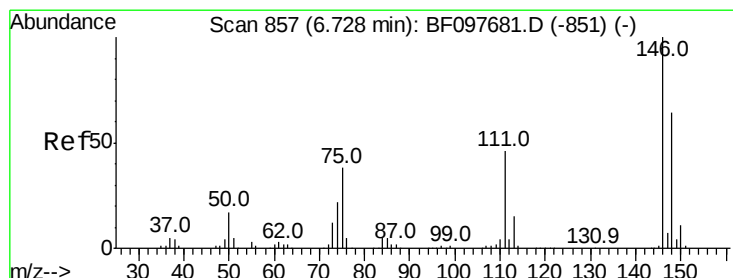
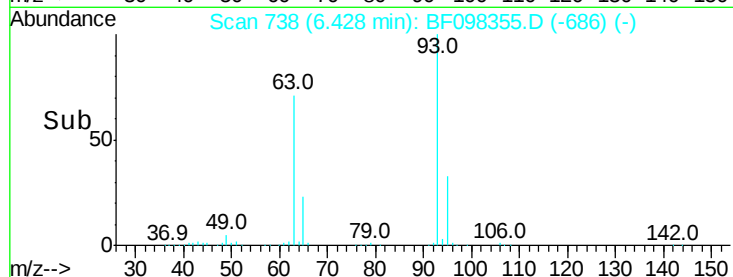
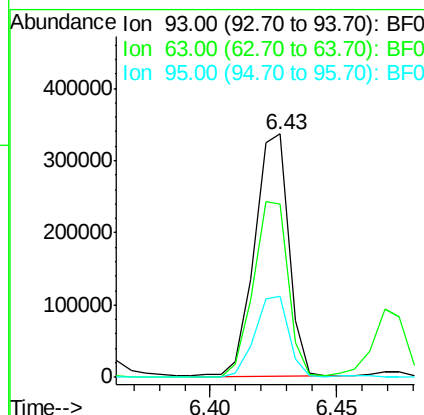
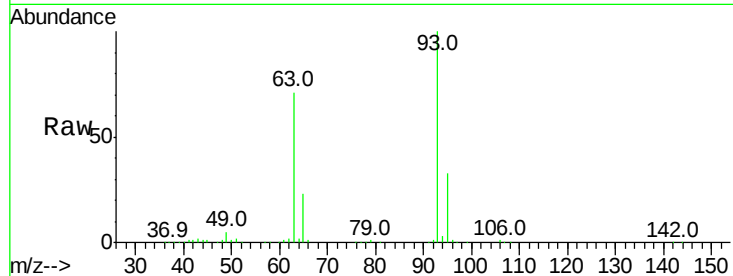
#11
bis(2-Chloroethyl)ether
Concen: 39.208 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.0	59.2	99.2
95	33.3	12.8	52.8

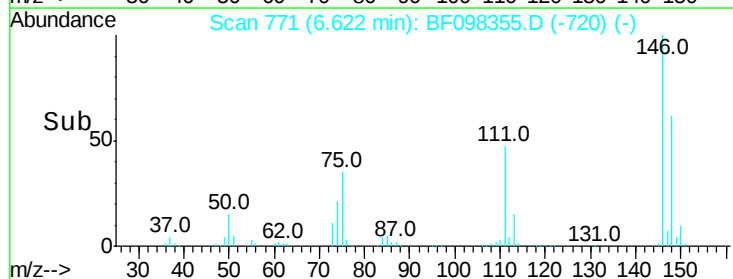
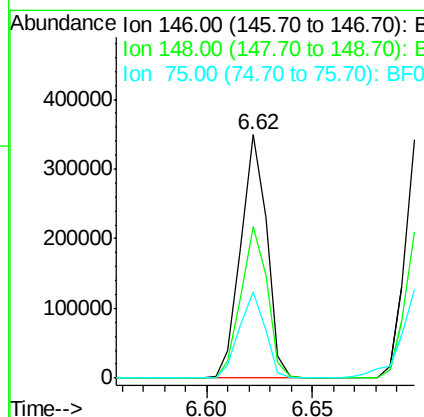
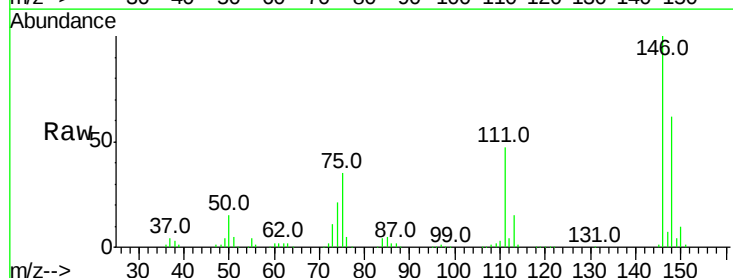
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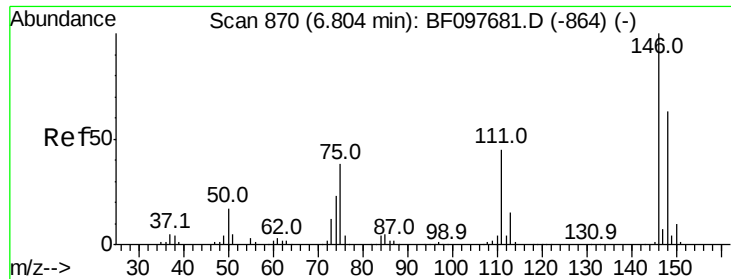
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.850 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.8	77.6
75	35.3	23.1	34.7#





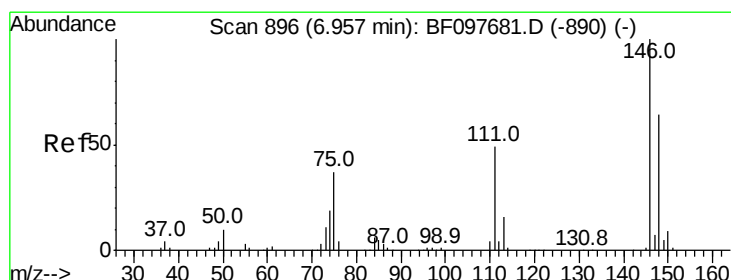
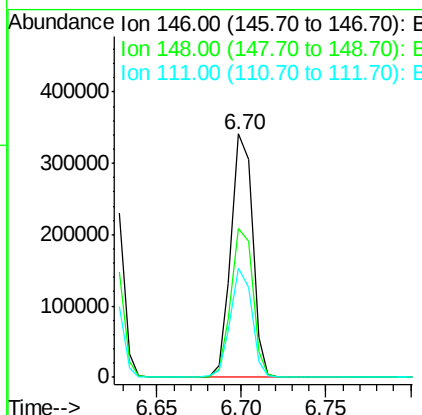
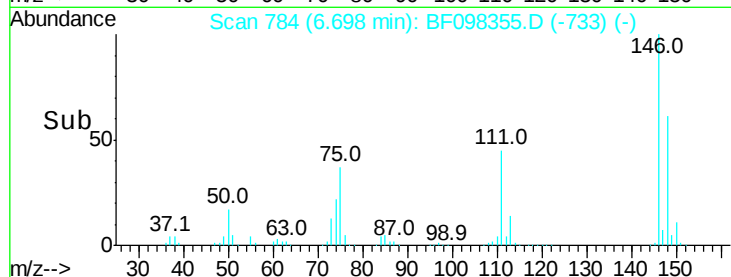
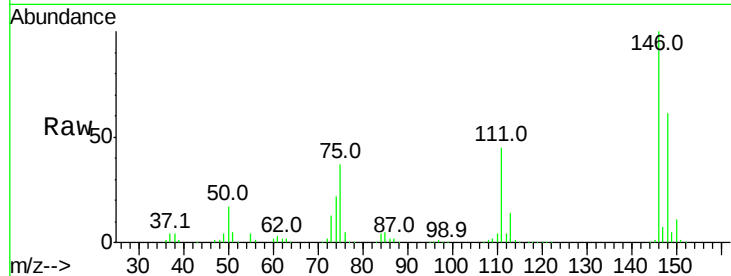
#13
 1,4-Dichlorobenzene
 Concen: 38.950 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.3	52.2	78.2
111	44.9	30.3	45.5

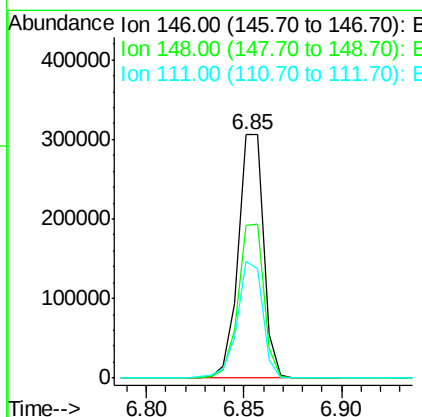
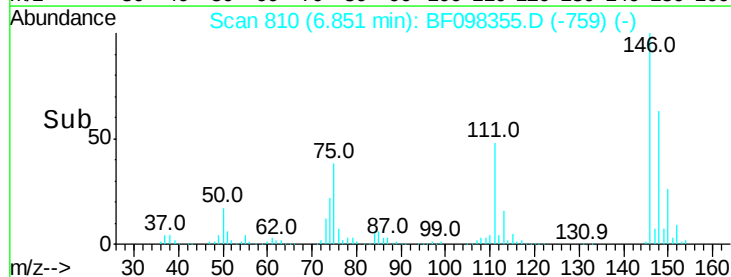
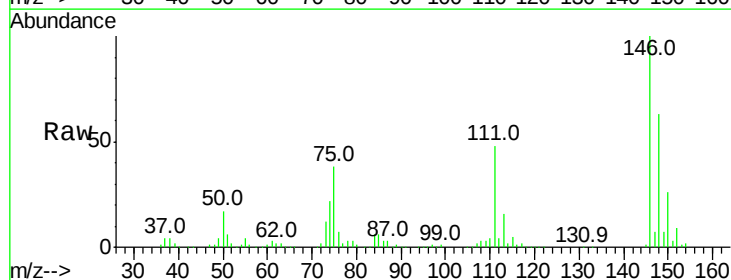
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#14
 1,2-Dichlorobenzene
 Concen: 38.512 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.4	75.6
111	48.2	38.2	57.4





#15

Benzyl Alcohol

Concen: 36.514 ng

RT: 6.83 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Instrument :

BNA_F

ClientSampleId :

PB102130BSD

Tot Ion: 79 Resp: 250952

Ion Ratio Lower Upper

79 100

108 75.2 63.4 95.0

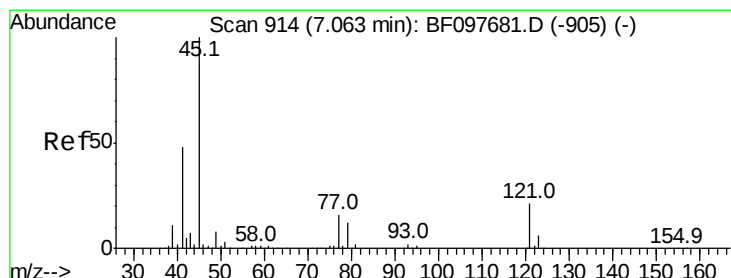
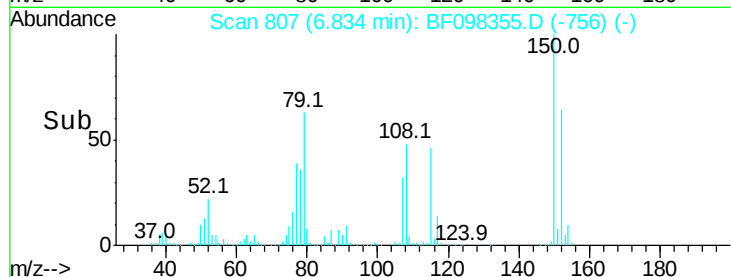
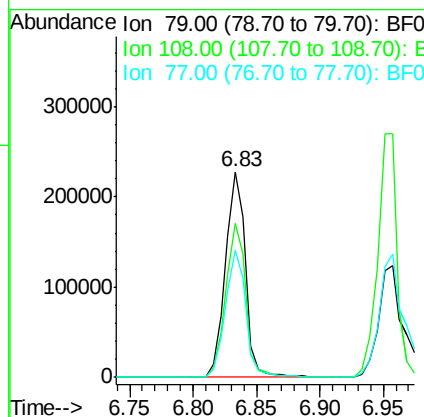
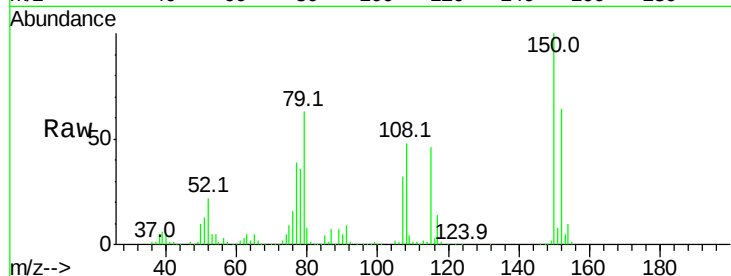
77 61.6 49.2 73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.366 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

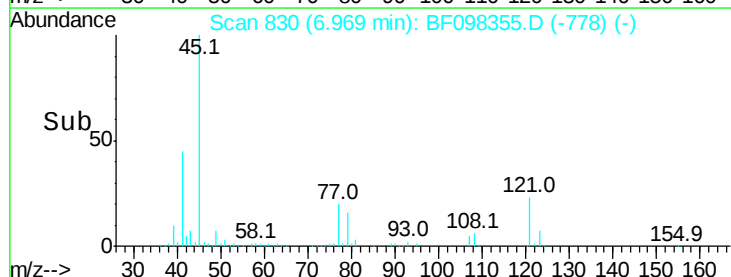
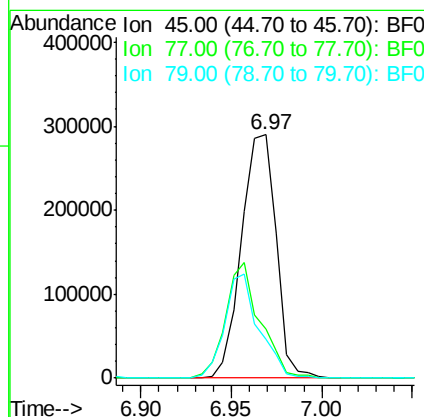
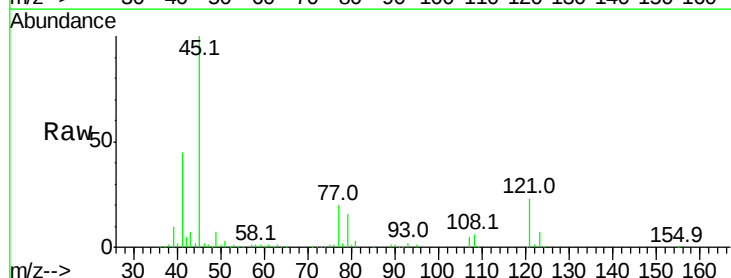
Tgt Ion: 45 Resp: 385591

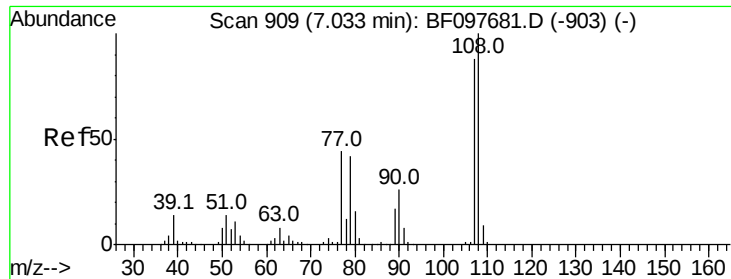
Ion Ratio Lower Upper

45 100

77 20.0 0.0 33.2

79 16.2 0.0 30.0





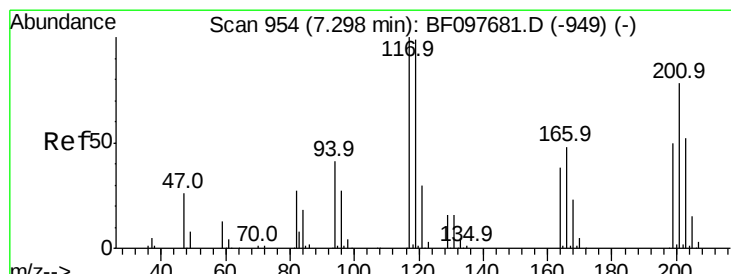
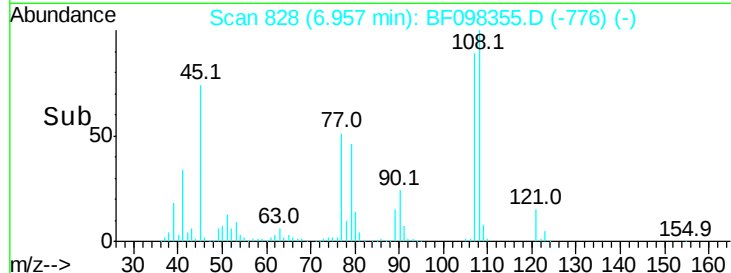
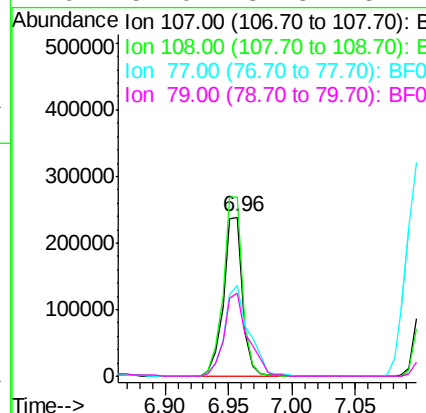
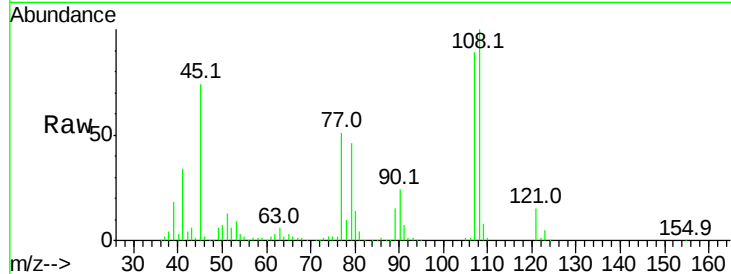
#17
2-Methylphenol
Concen: 40.306 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleID :
PB102130BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	93.4	140.0	
77	57.5	35.8	53.6#	
79	52.0	34.8	52.2	

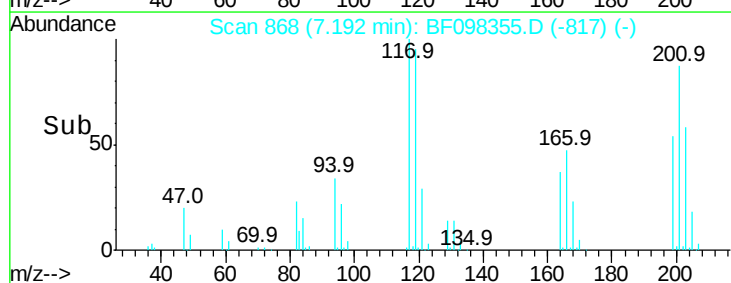
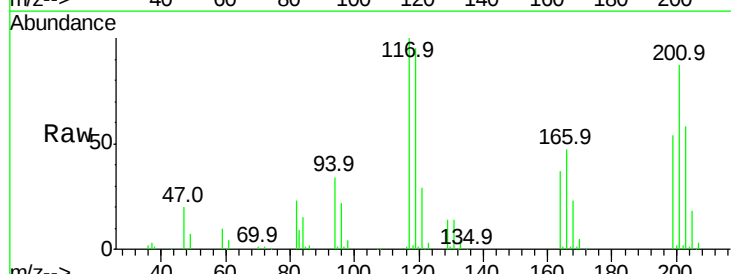
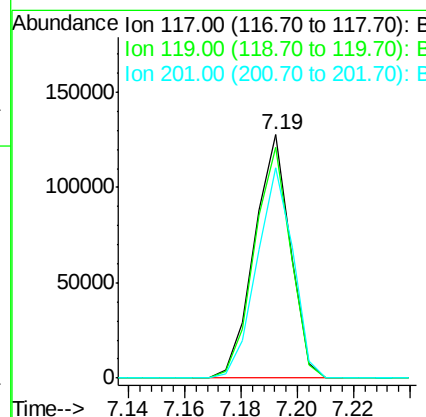
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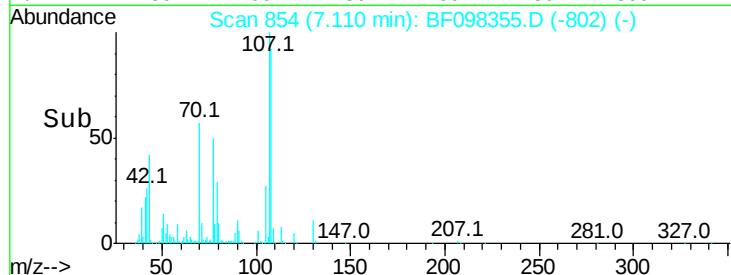
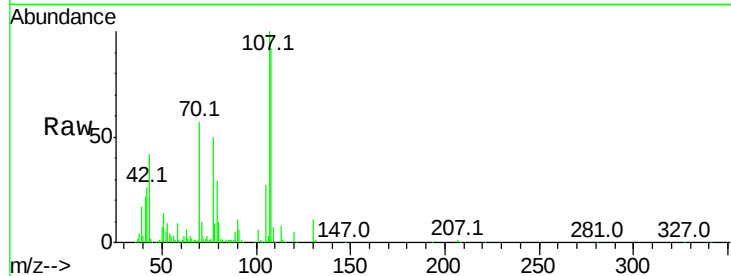
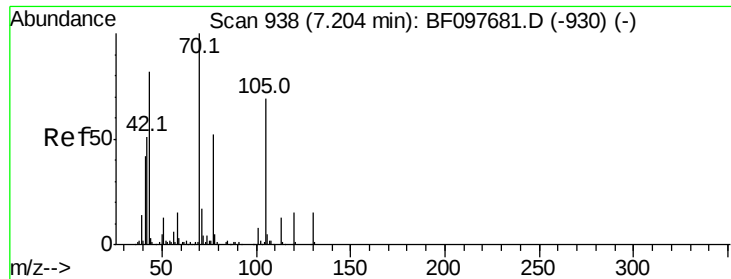
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#18
Hexachloroethane
Concen: 36.729 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	77.4	116.0	
201	86.5	94.6	141.8#	





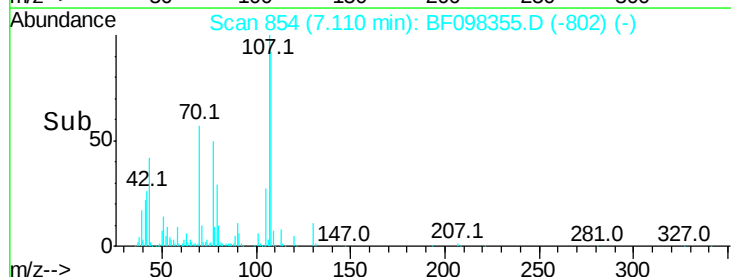
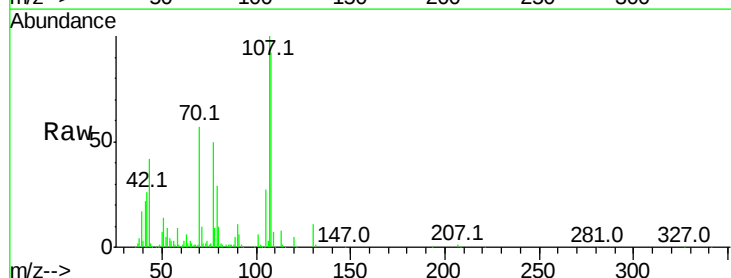
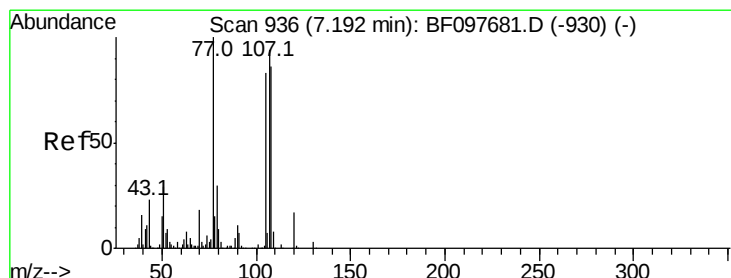
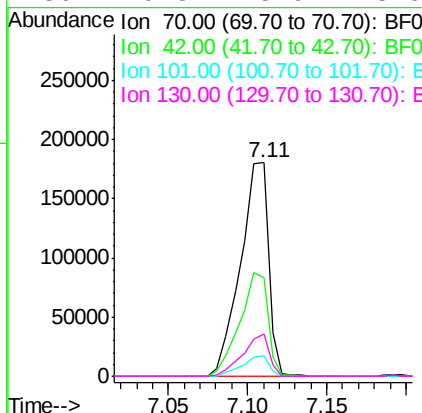
#19
n-Nitroso-di-n-propylamine
Concen: 35.322 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.2	70.8#
101	9.7	7.2	10.8
130	19.8	15.9	23.9

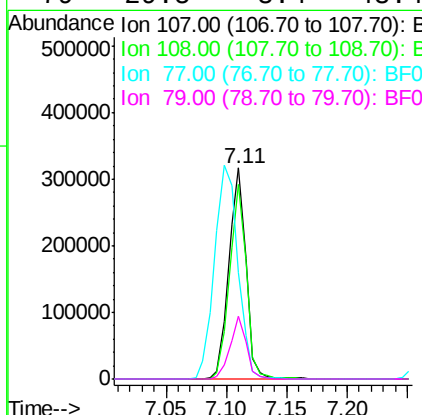
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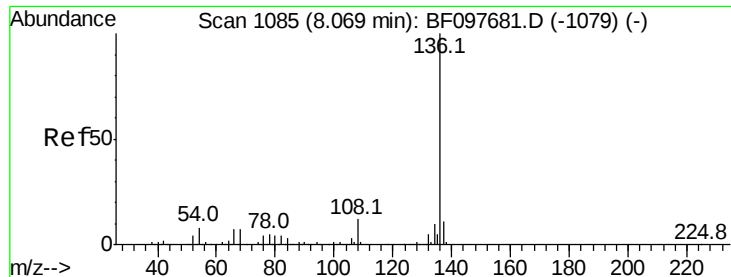
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#20
3+4-Methylphenols
Concen: 40.850 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	71.0	111.0
77	50.2	90.5	130.5#
79	29.5	8.4	48.4





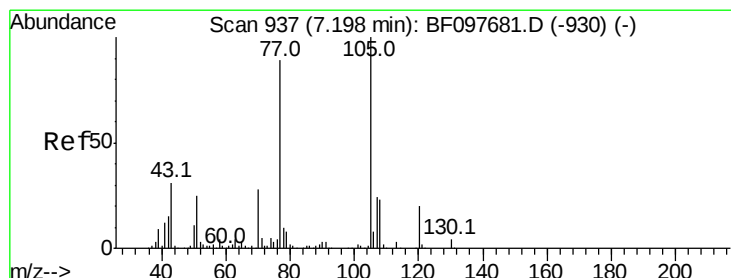
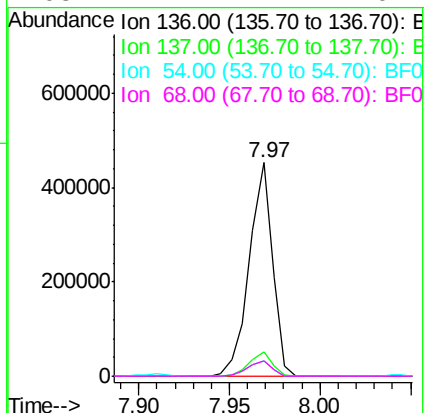
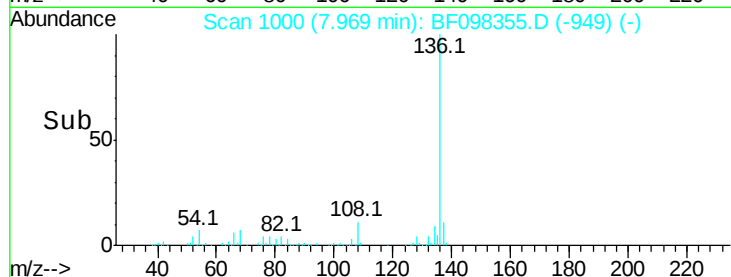
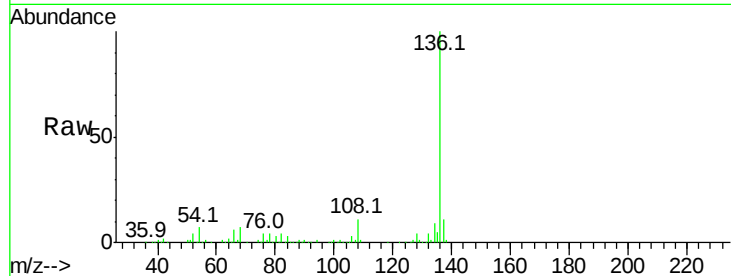
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	406241		
137	11.2	8.5	12.7	
54	7.0	4.9	7.3	
68	7.2	4.1	6.1	

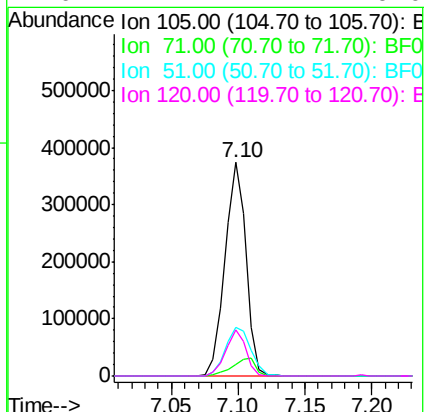
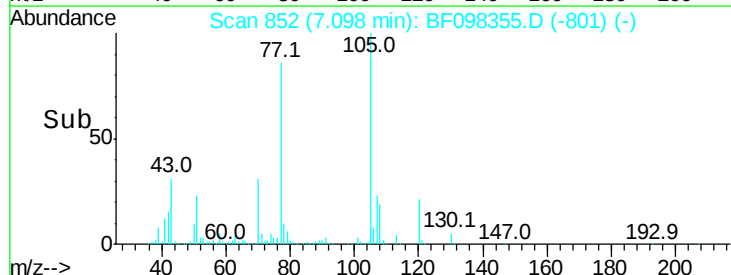
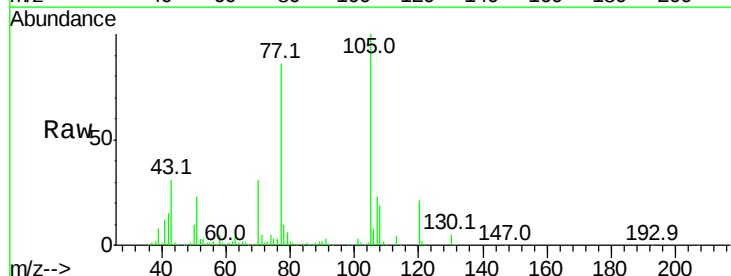
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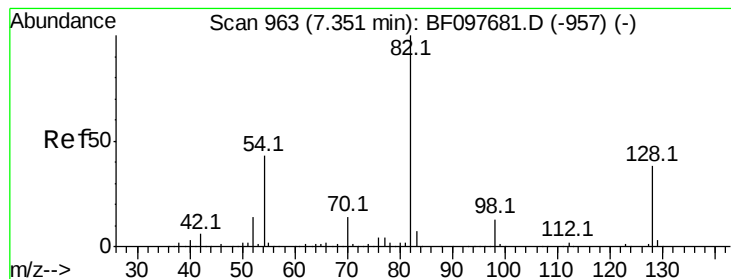
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#22
Acetophenone
Concen: 38.890 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	417364		
71	5.3	2.8	4.2	
51	22.7	30.7	46.1	
120	21.4	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 89.103 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Instrument :

BNA_F

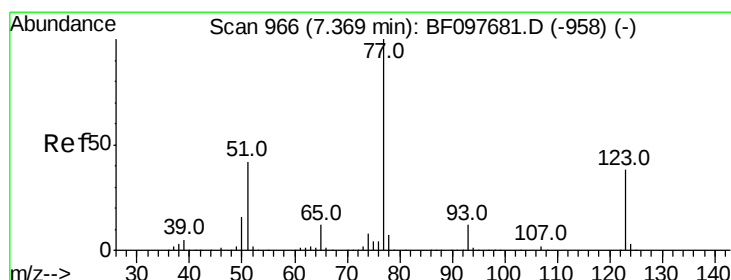
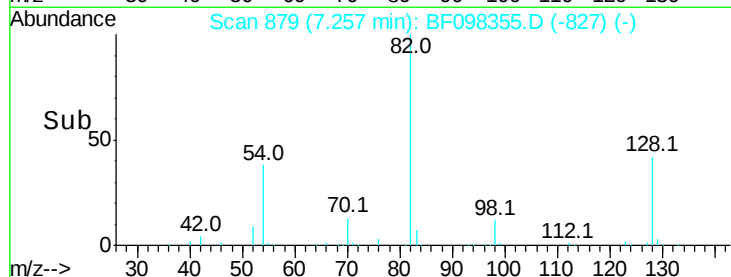
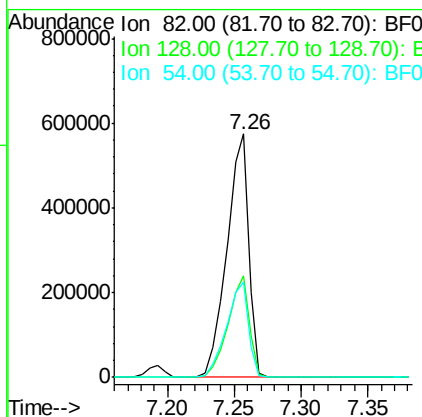
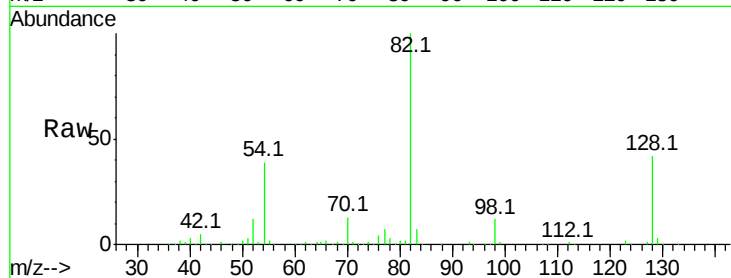
ClientSampleId :

PB102130BSD

Tot Ion:	82	Resp:	666316
Ion Ratio		Lower	Upper
82	100		
128	41.6	34.0	51.0
54	39.2	42.2	63.2#

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#24

Nitrobenzene

Concen: 41.320 ng

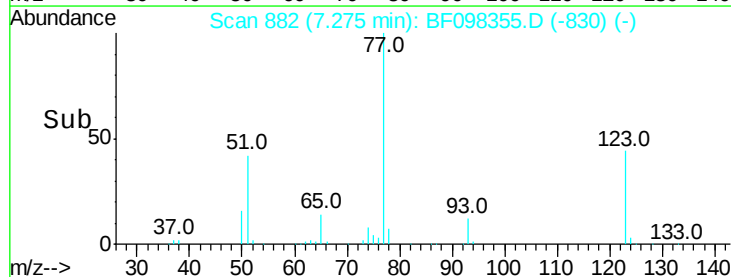
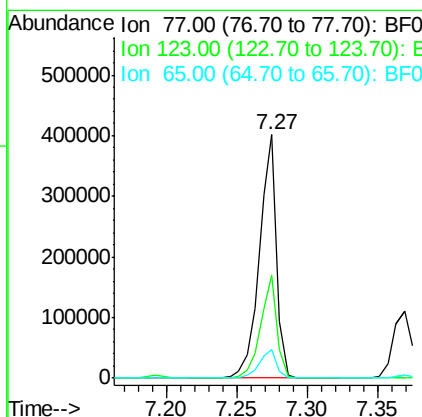
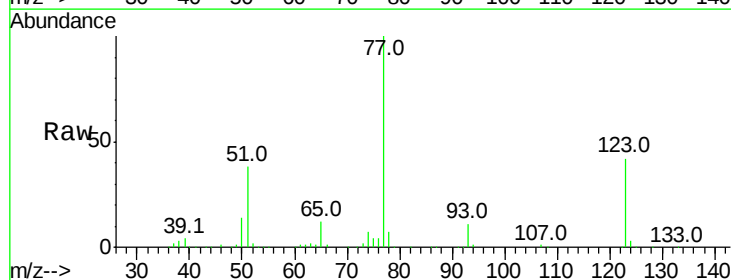
RT: 7.27 min Scan# 882

Delta R.T. 0.01 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Tgt Ion:	77	Resp:	344044
Ion Ratio		Lower	Upper
77	100		
123	42.4	35.8	53.8
65	11.9	10.6	15.8





#25

Isophorone

Concen: 39.634 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Instrument :

BNA_F

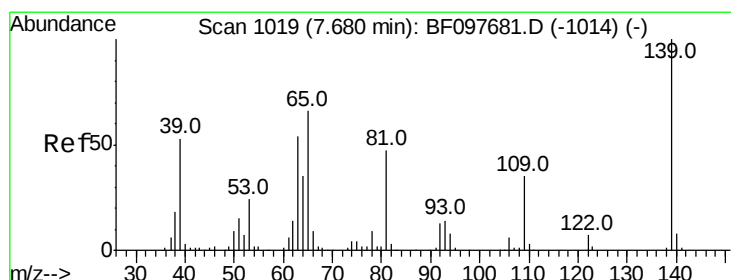
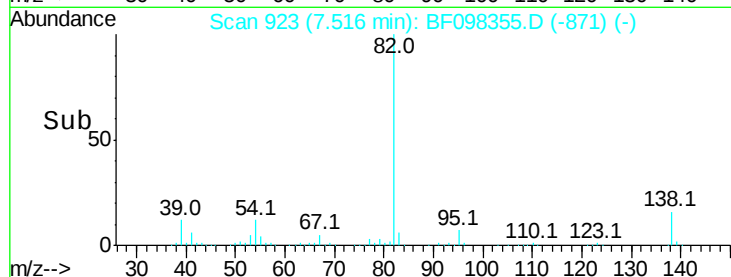
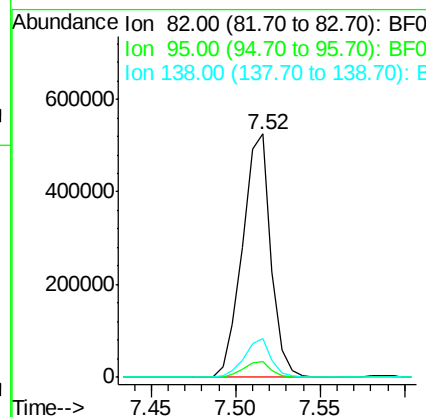
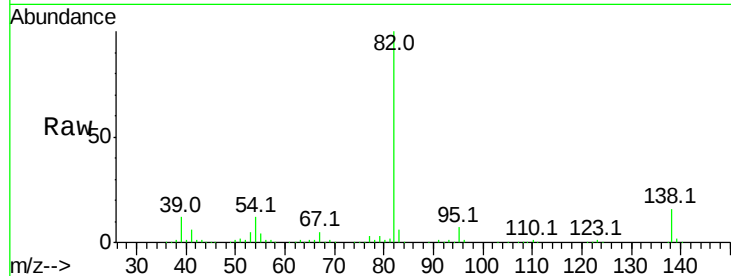
ClientSampleId :

PB102130BSD

Tot Ion:	82	Resp:	616293
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	16.0	13.1	19.7

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#26

2-Nitrophenol

Concen: 48.444 ng

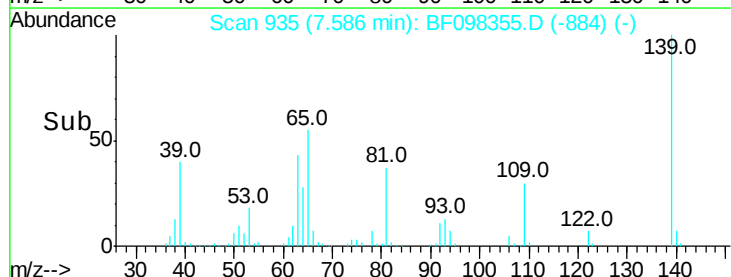
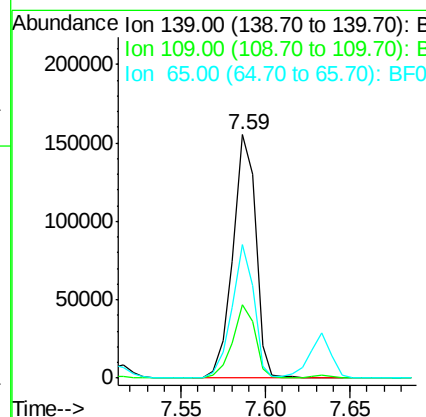
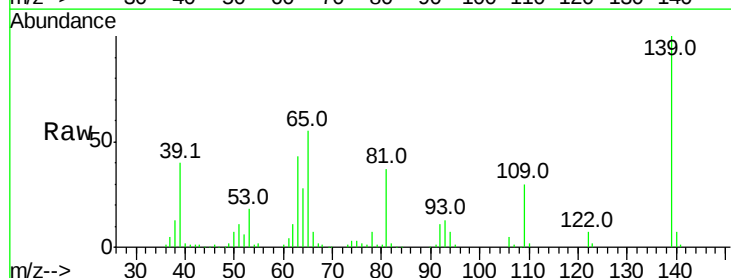
RT: 7.59 min Scan# 935

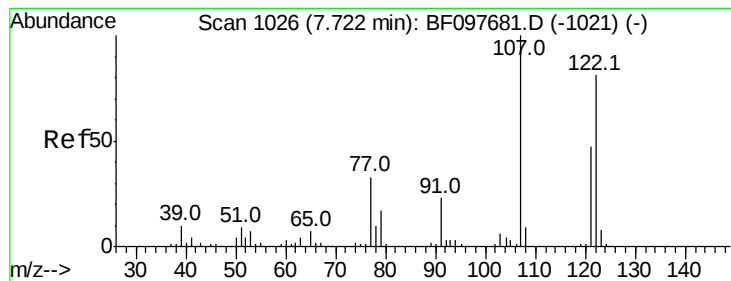
Delta R.T. 0.00 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Tgt Ion:	139	Resp:	146300
Ion Ratio		Lower	Upper
139	100		
109	30.3	21.0	31.6
65	54.9	33.0	49.6





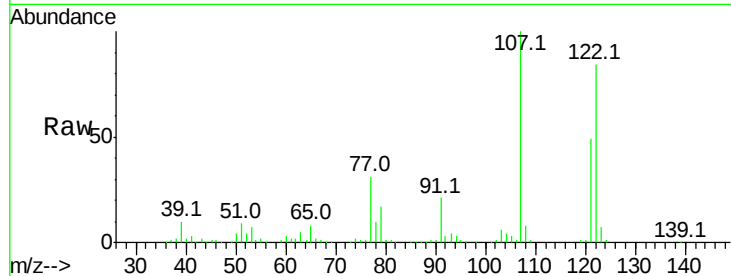
#27
2,4-Dimethylphenol
Concen: 39.782 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

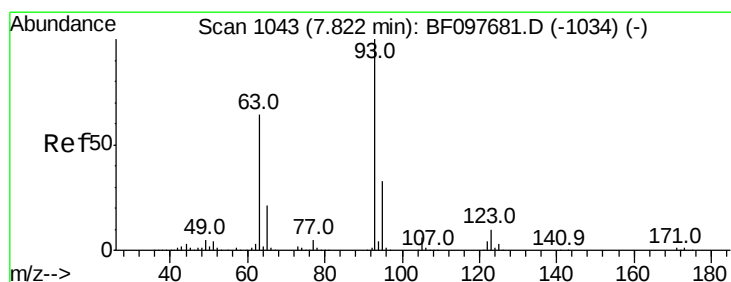
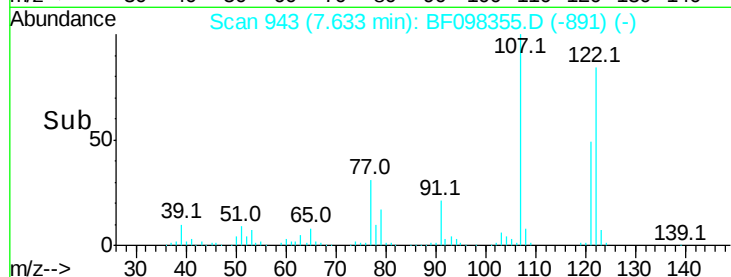
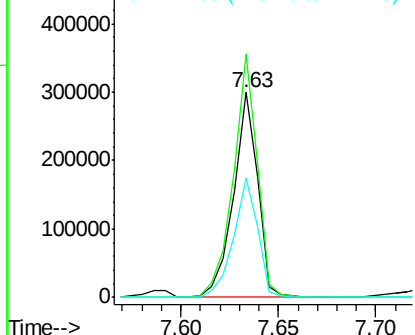
Tot Ion	Ratio	Resp	Lower	Upper
122	100	257987		
107	119.0	89.2	133.8	
121	58.6	45.2	67.8	

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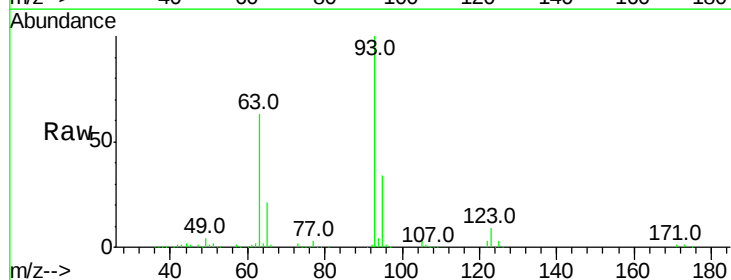


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

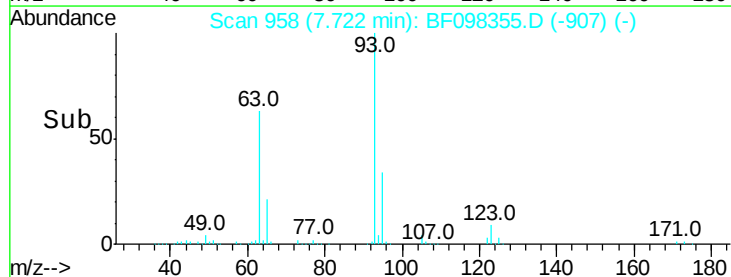
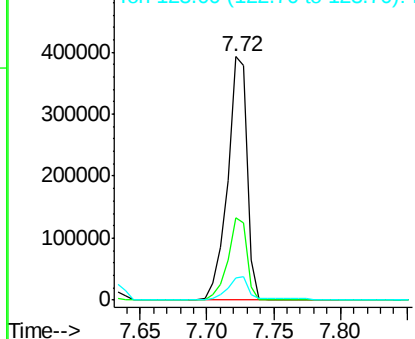


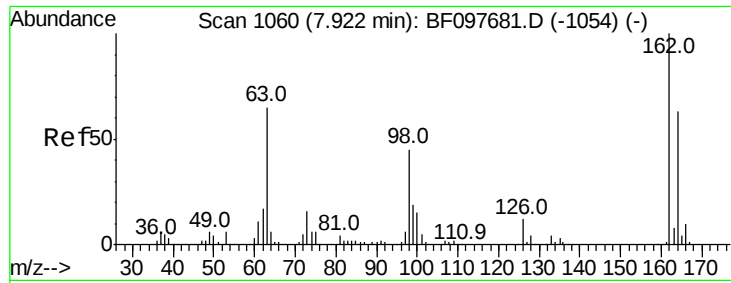
#28
bis(2-Chloroethoxy)methane
Concen: 39.782 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	406687		
95	33.6	26.5	39.7	
123	9.3	9.0	13.4	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





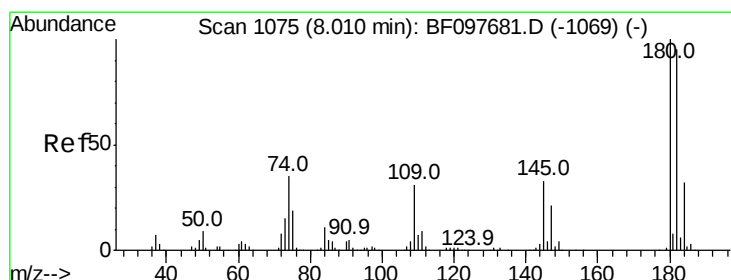
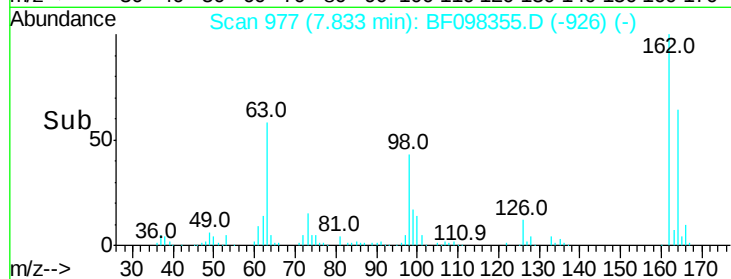
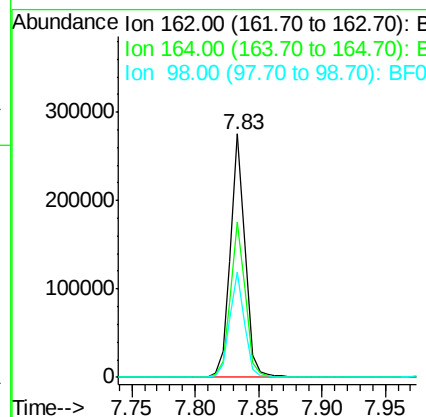
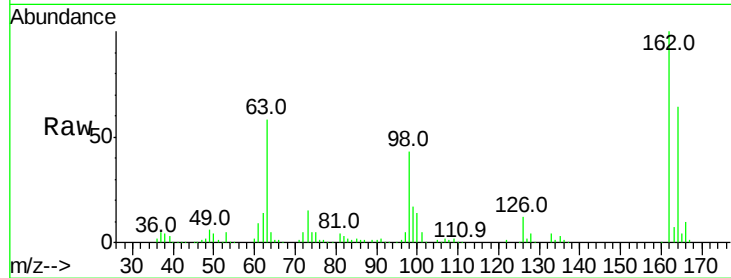
#29
 2,4-Dichlorophenol
 Concen: 41.361 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BSD

Tot Ion:	162	Resp:	222654
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.6	84.6
98	43.4	14.8	54.8

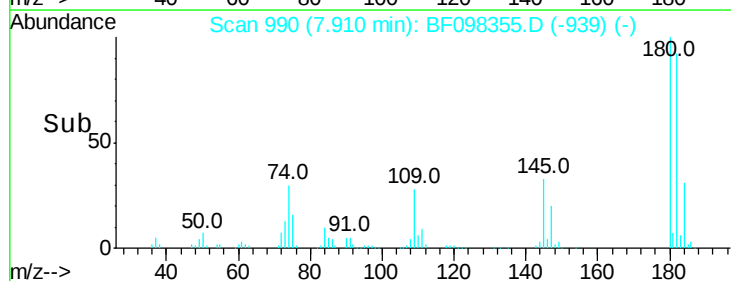
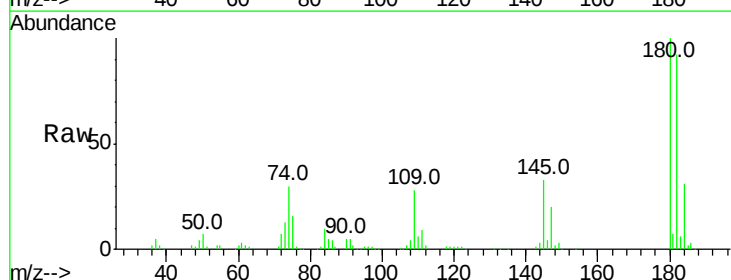
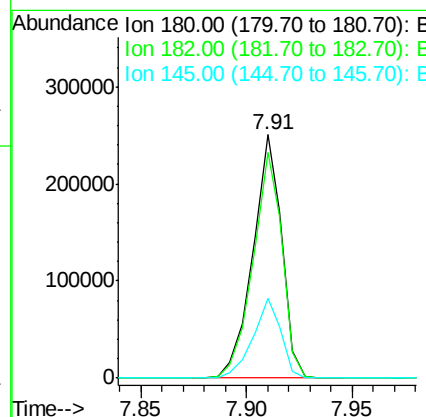
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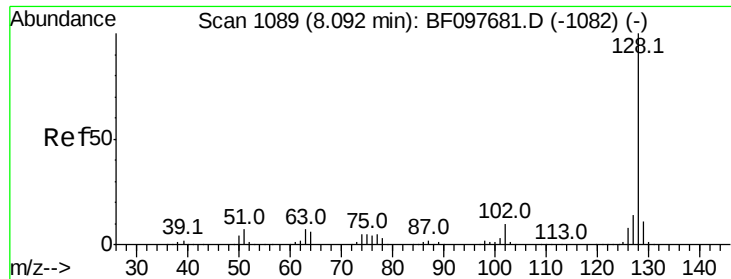
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.734 ng
 RT: 7.91 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Tgt Ion:	180	Resp:	237114
Ion Ratio	Lower	Upper	
180	100		
182	92.5	75.8	113.6
145	32.6	25.3	37.9





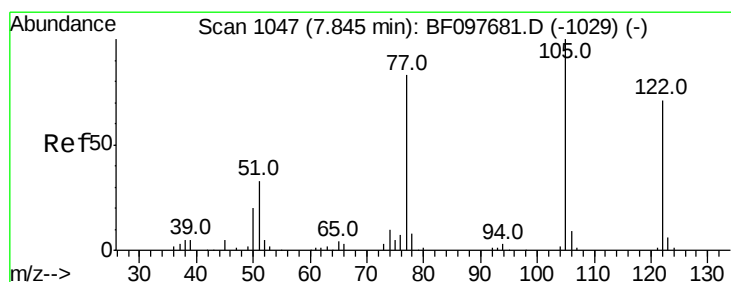
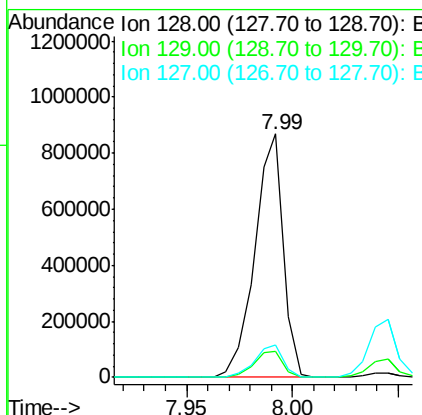
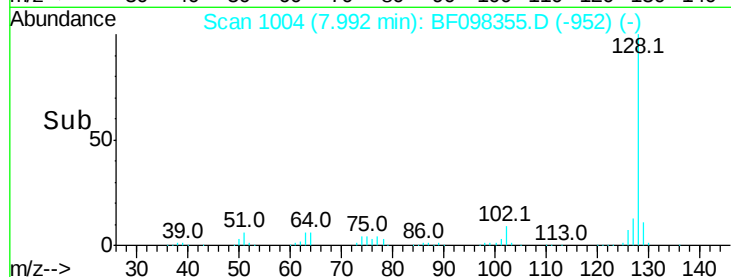
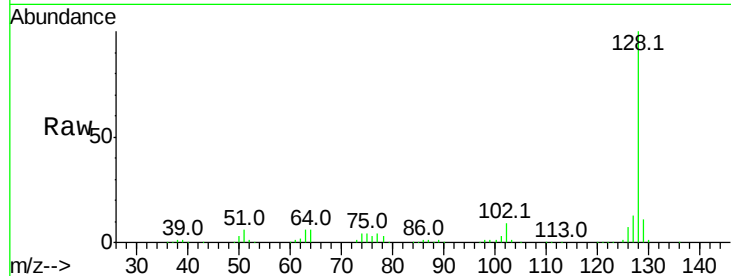
#31
Naphthalene
Concen: 38.606 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	814194		
129	10.8	9.0	13.6	
127	13.4	10.8	16.2	

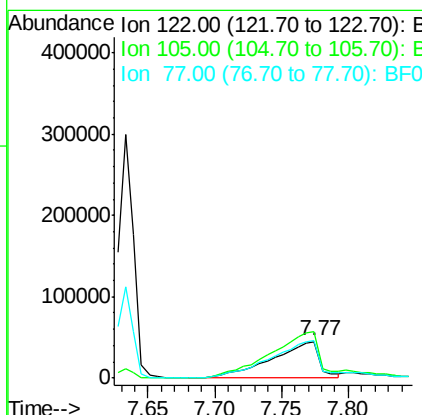
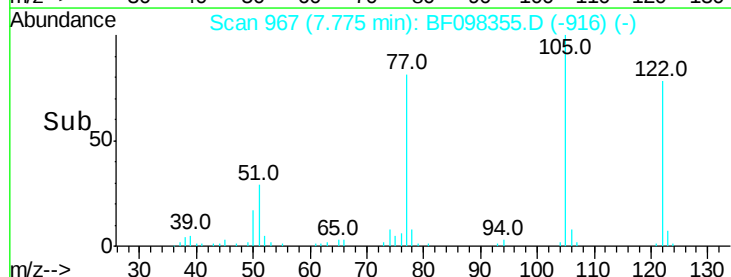
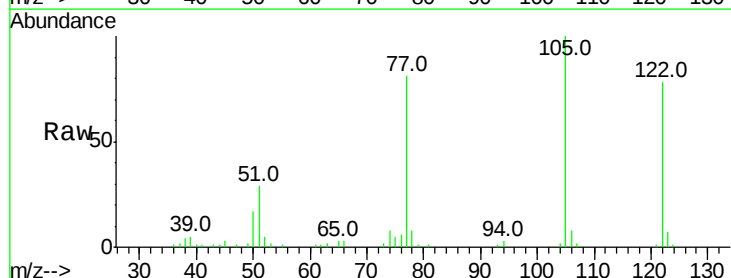
Manual Integrations
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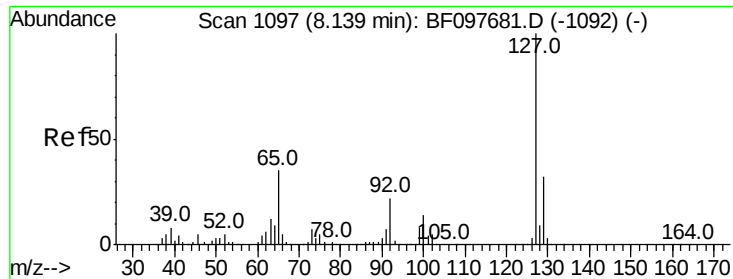
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#32
Benzoic acid
Concen: 26.498 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	109560		
105	128.9	103.3	143.3	
77	104.6	73.7	113.7	





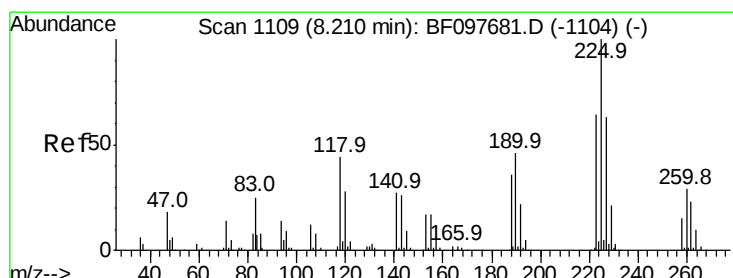
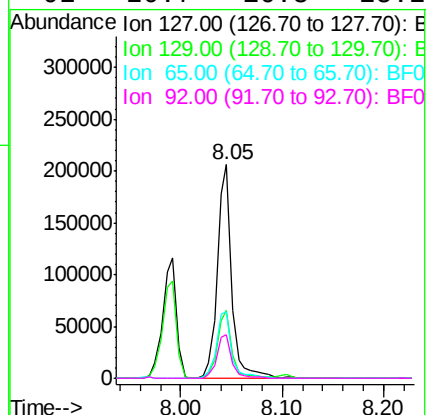
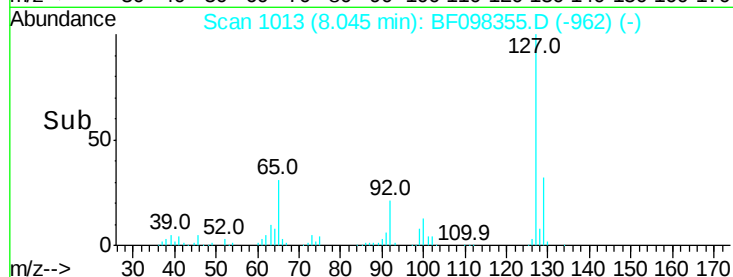
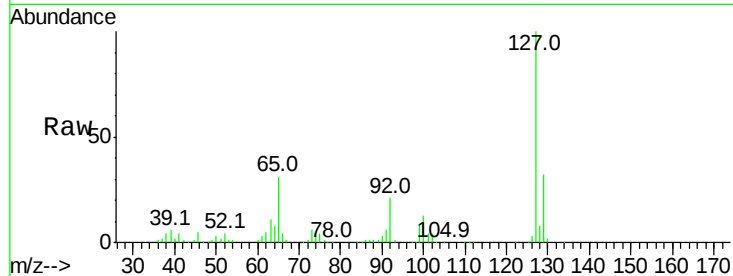
#33
4-Chloroaniline
Concen: 22.931 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	26.2	39.2	
65	31.5	27.8	41.8	
92	20.7	16.8	25.2	

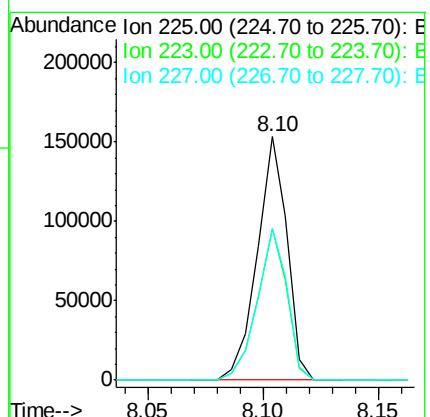
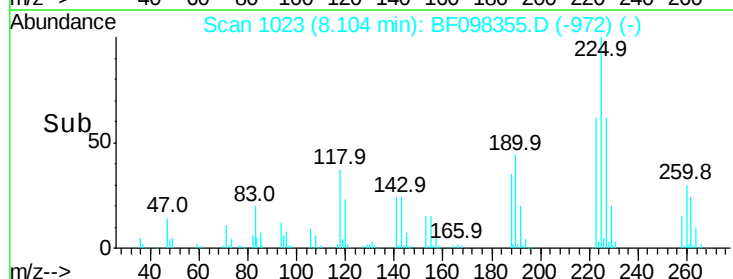
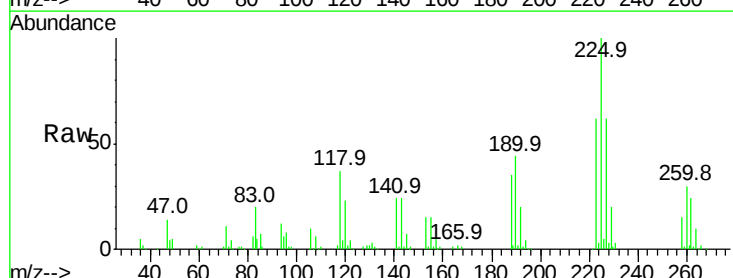
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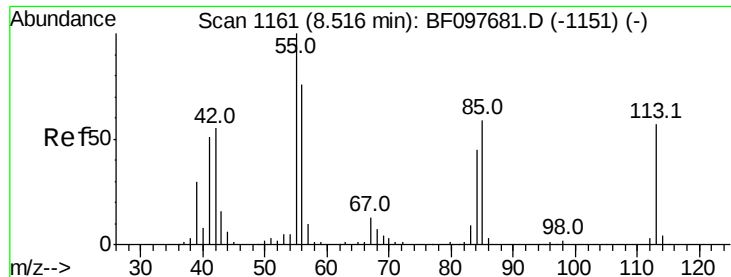
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#34
Hexachlorobutadiene
Concen: 39.564 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	48.8	73.2	
227	62.5	51.1	76.7	





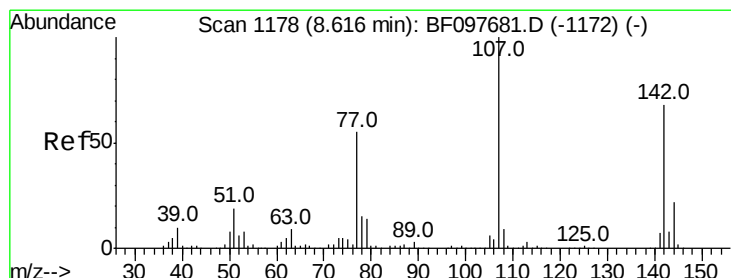
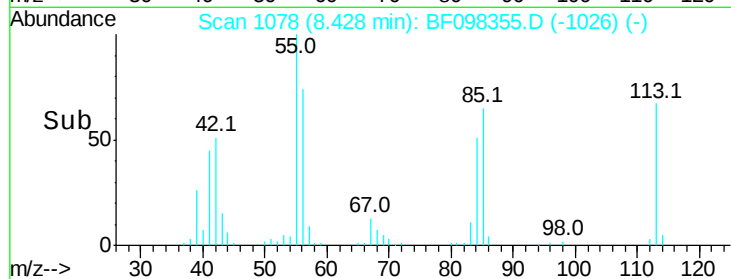
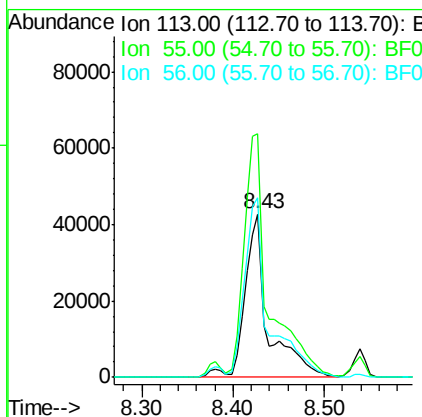
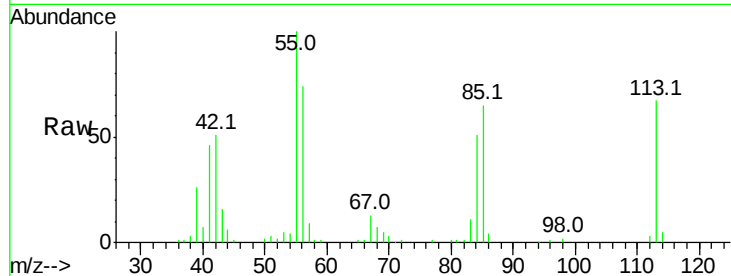
#35
 Caprolactam
 Concen: 41.391 ng/ml
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	149.2	150.2	190.2#
56	110.1	107.8	147.8

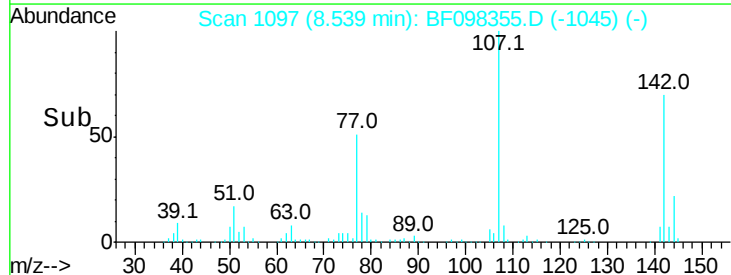
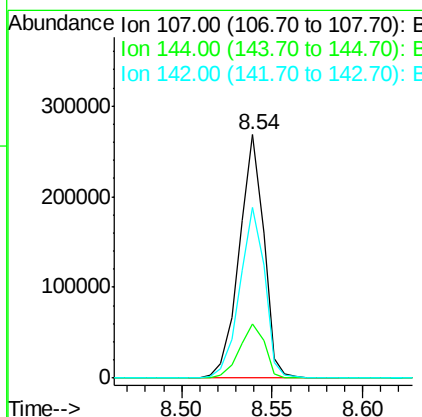
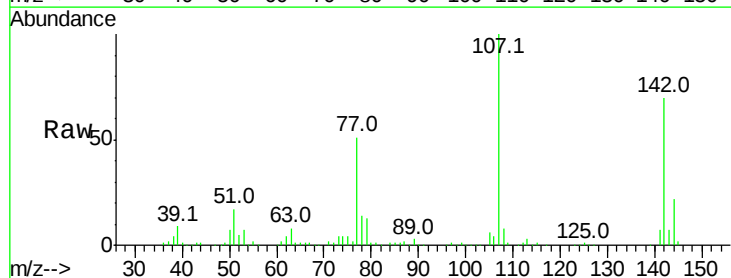
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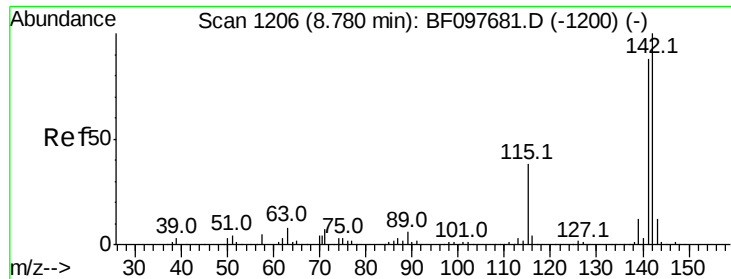
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#36
 4-Chloro-3-methylphenol
 Concen: 36.610 ng/ml
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	24.2	36.4#
142	70.2	73.4	110.0#





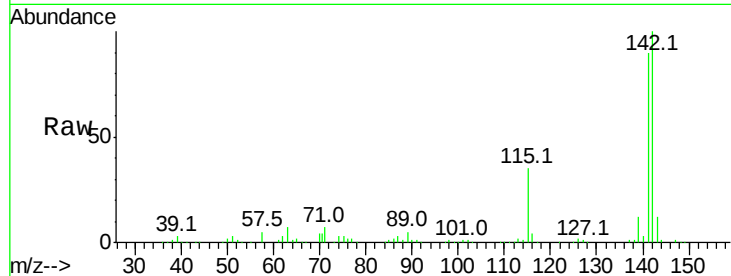
#37
2-Methylnaphthalene
Concen: 40.021 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

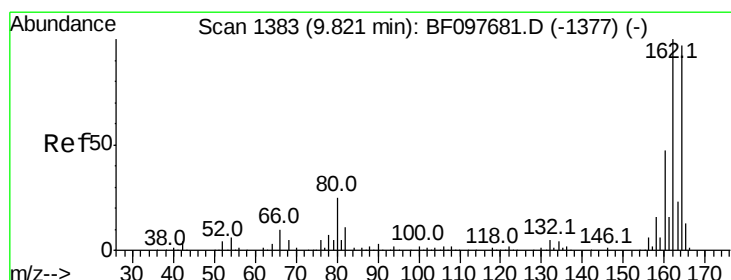
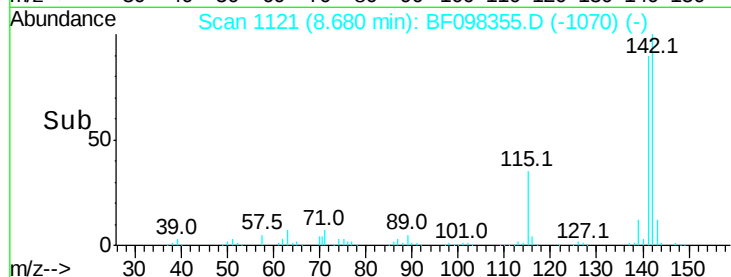
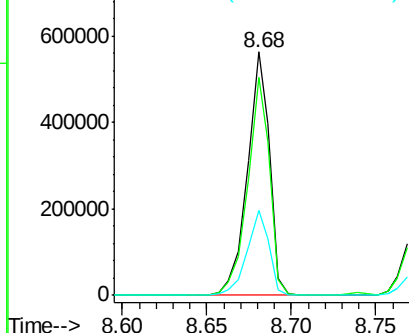
Tot Ion	Ratio	Resp	Lower	Upper
142	100	517473		
141	89.7	71.3	106.9	
115	35.1	27.1	40.7	

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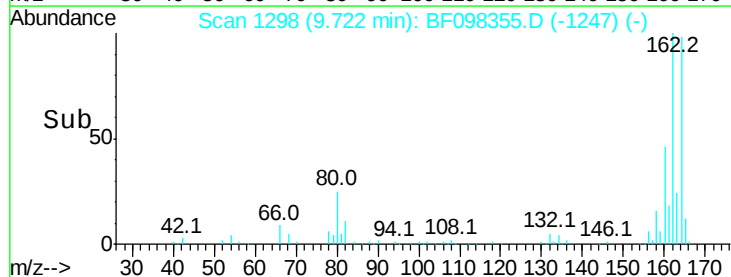
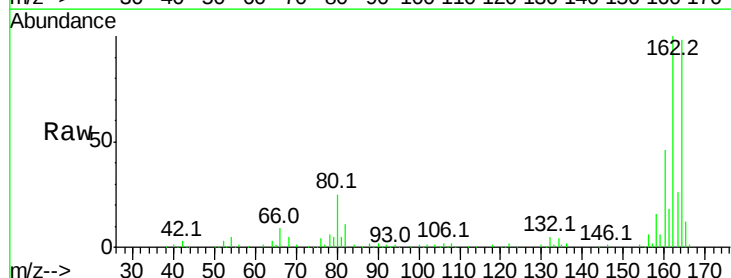
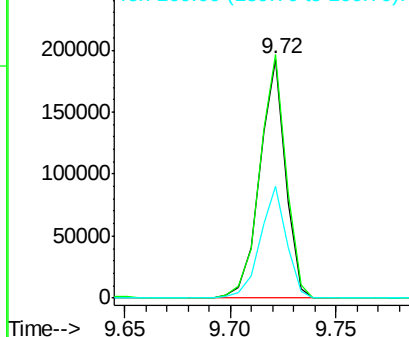
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

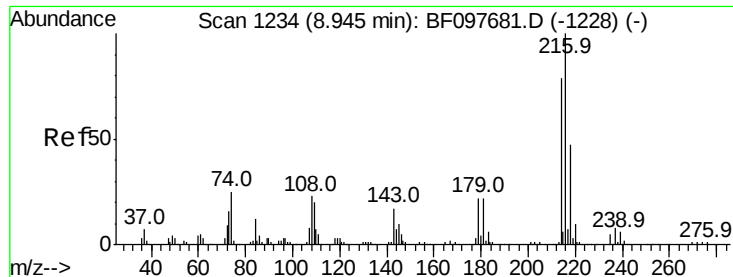


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	163667		
162	102.1	82.6	123.8	
160	47.0	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





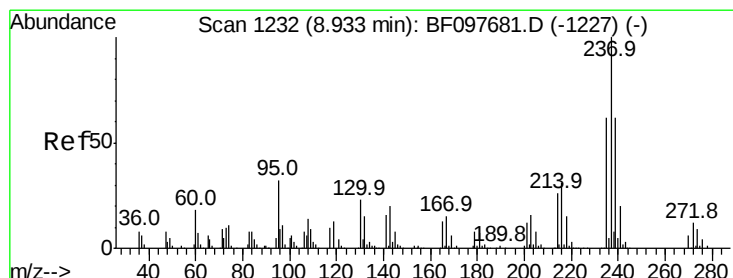
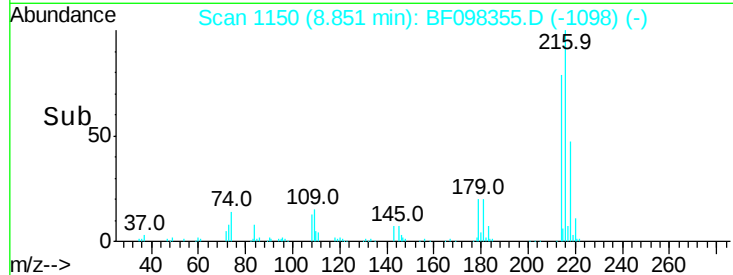
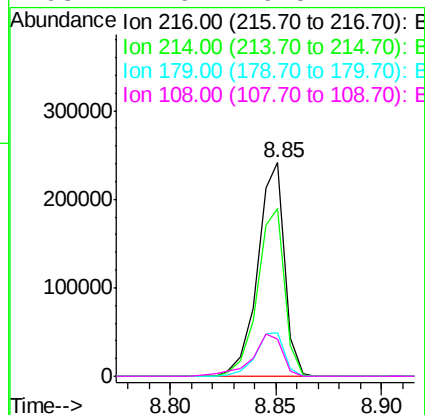
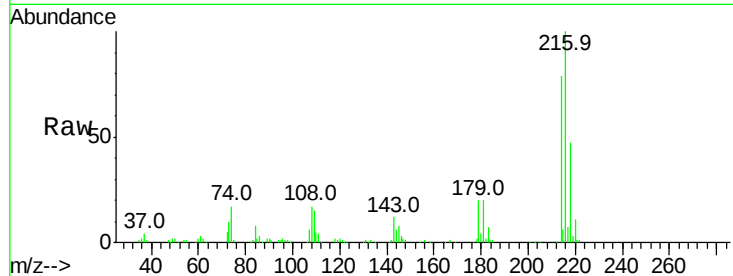
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.580 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	213876		
214	79.4	63.4	95.2	
179	21.6	17.9	26.9	
108	22.6	16.5	24.7	

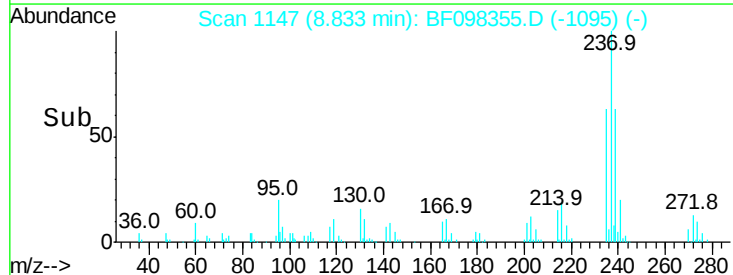
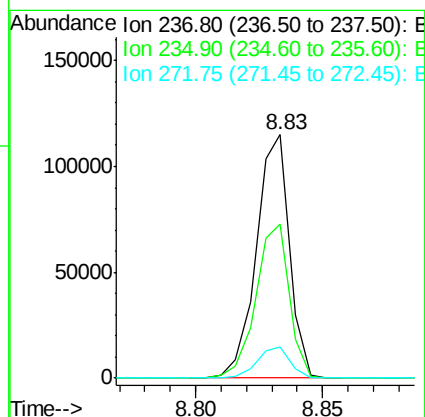
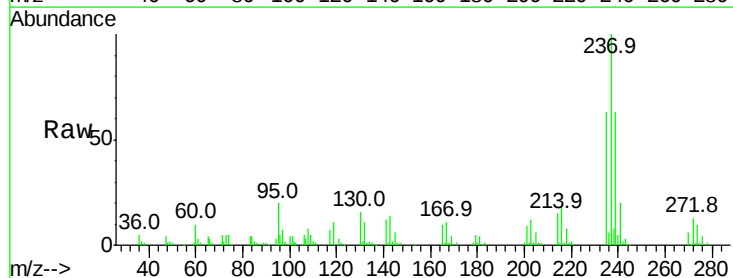
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#40
 Hexachlorocyclopentadiene
 Concen: 43.300 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	104486		
235	63.3	42.6	82.6	
272	12.7	0.0	31.9	





#41

2,4,6-Tribromophenol

Concen: 79.363 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Instrument :

BNA_F

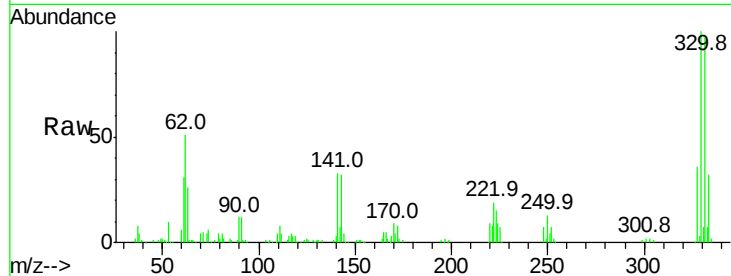
ClientSampleId :

PB102130BSD

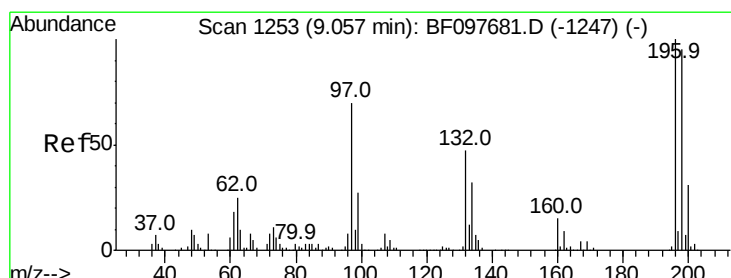
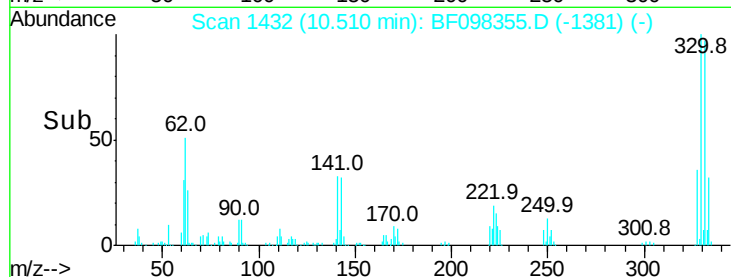
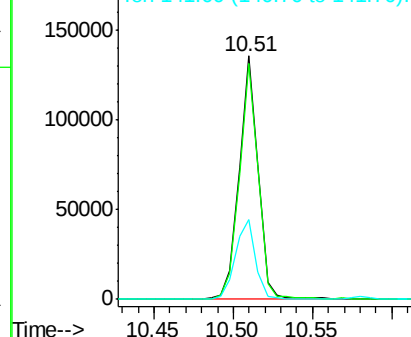
Tot Ion:	330	Resp:	112702
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.6	115.0
141	35.1	31.4	47.2

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



#42

2,4,6-Trichlorophenol

Concen: 41.085 ng

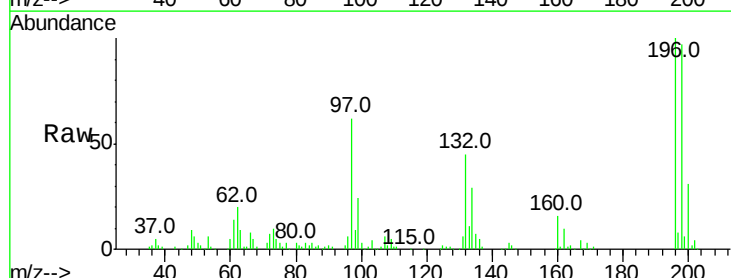
RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

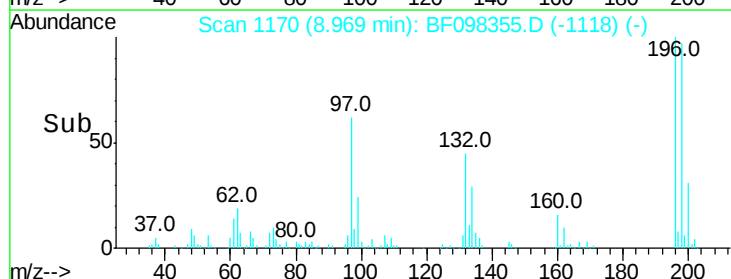
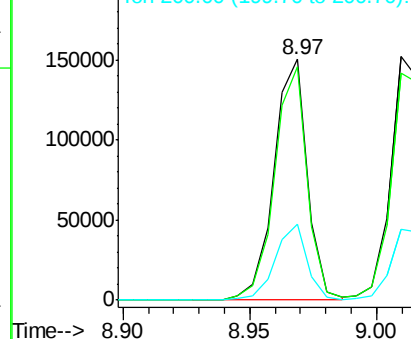
Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Tgt Ion:	196	Resp:	138548
Ion Ratio	Lower	Upper	
196	100		
198	97.1	74.2	111.4
200	31.4	24.0	36.0



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





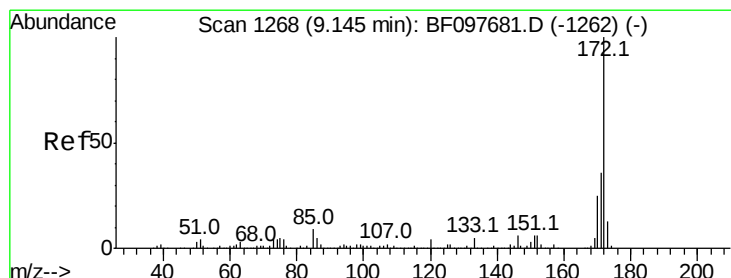
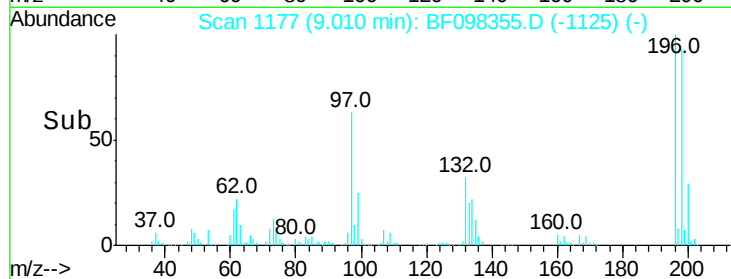
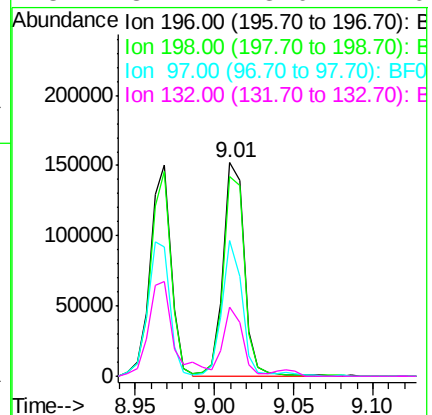
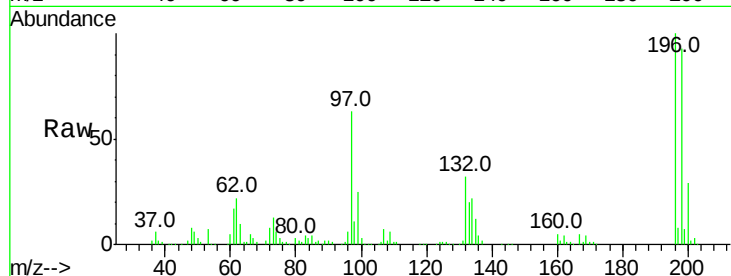
#43
 2,4,5-Trichlorophenol
 Concen: 41.878 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BSD

Tot Ion	196	Resp	140103
Ion Ratio	Lower	Upper	
196	100		
198	93.4	75.7	113.5
97	63.3	47.7	71.5
132	32.4	28.0	42.0

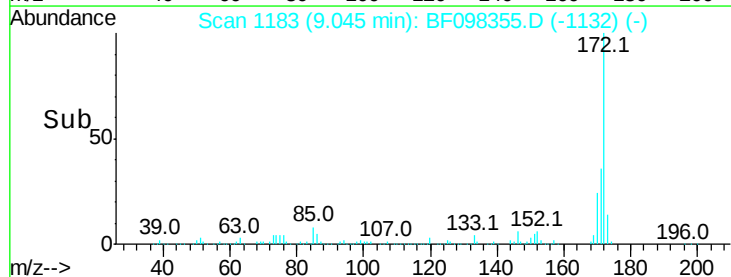
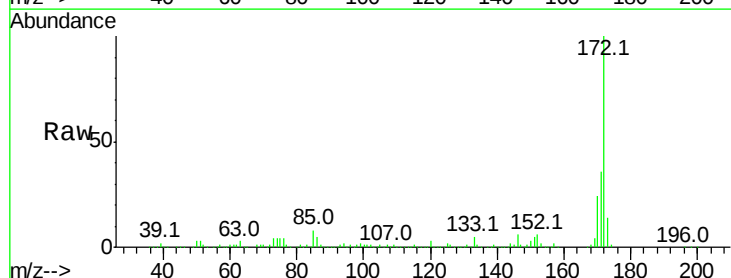
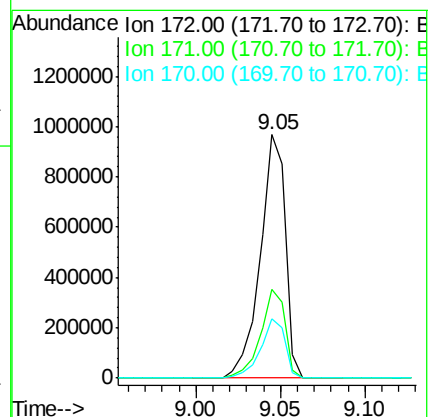
Manual Integrations
 APPROVED

Sohil
 9/11/2017 4:47:39 PM



#44
 2-Fluorobiphenyl
 Concen: 89.918 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Tgt Ion	172	Resp	1001669
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	24.2	19.8	29.8





#45

1,1'-Biphenyl

Concen: 40.096 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Instrument :

BNA_F

ClientSampleId :

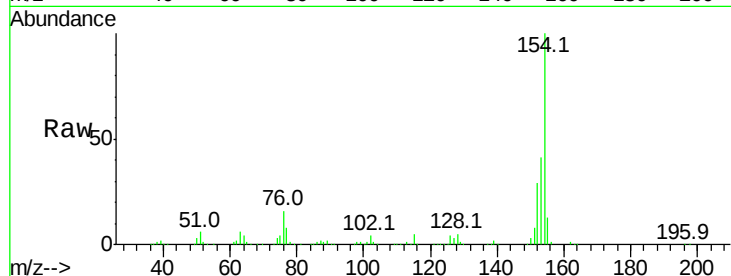
PB102130BSD

Tot Ion:	154	Resp:	598429
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.2	61.2
76	16.5	0.0	29.9

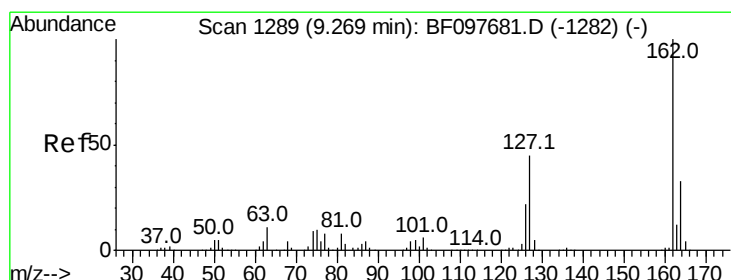
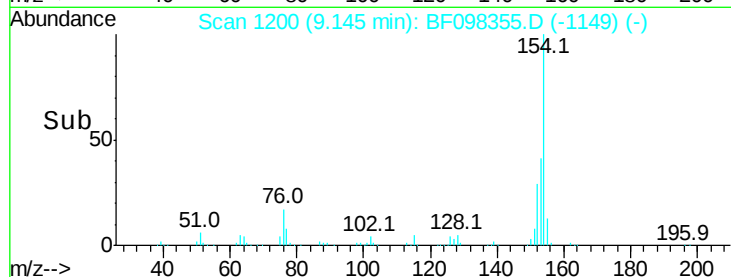
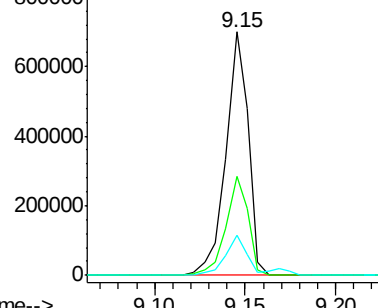
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.722 ng

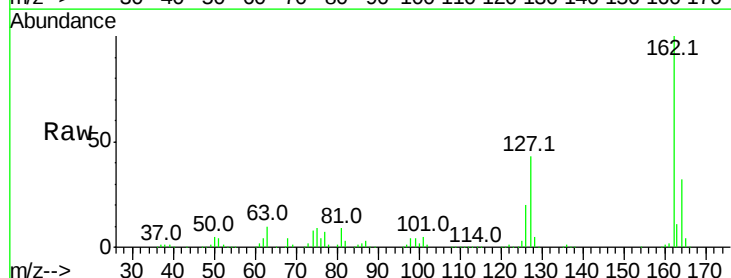
RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

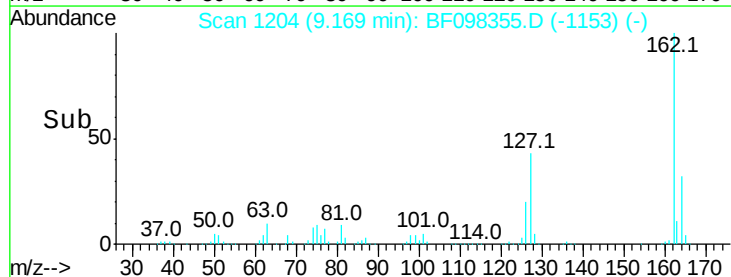
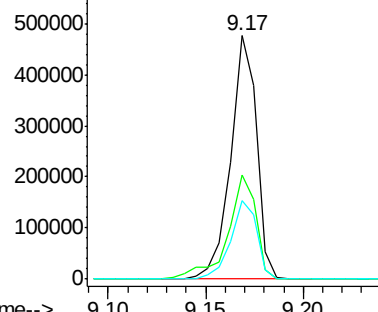
Lab File: BF098355.D

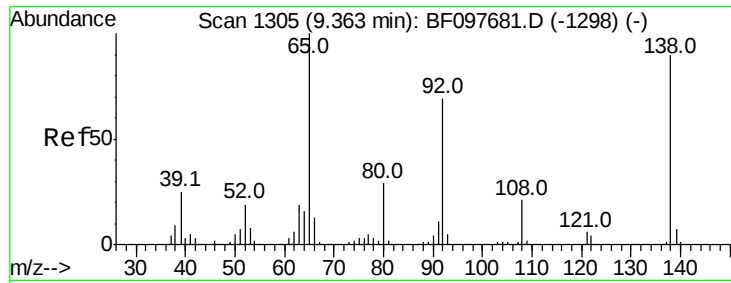
Acq: 8 Sep 2017 17:25

Tgt Ion:	162	Resp:	438042
Ion Ratio	Lower	Upper	
162	100		
127	42.8	28.3	42.5#
164	32.3	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





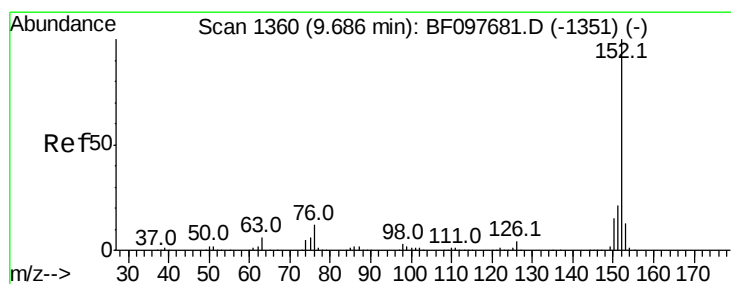
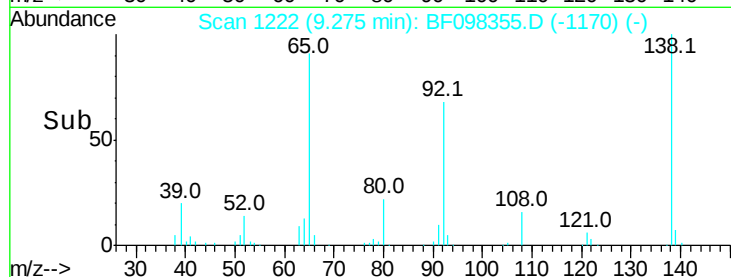
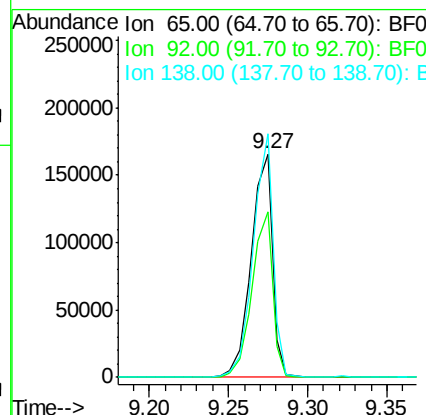
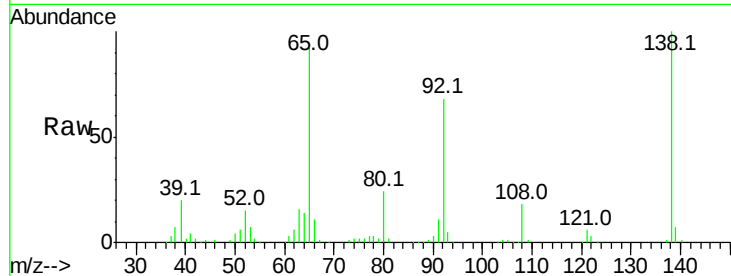
#47
2-Nitroaniline
Concen: 41.846 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.3	53.9	80.9
138	109.0	78.8	118.2

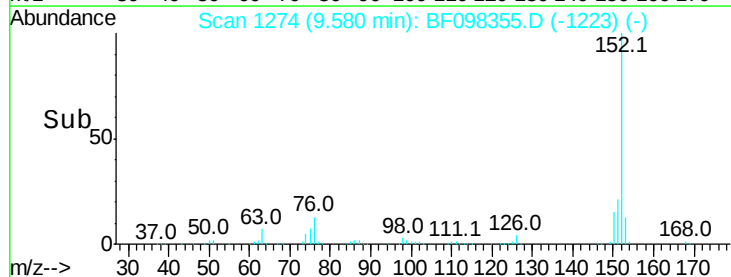
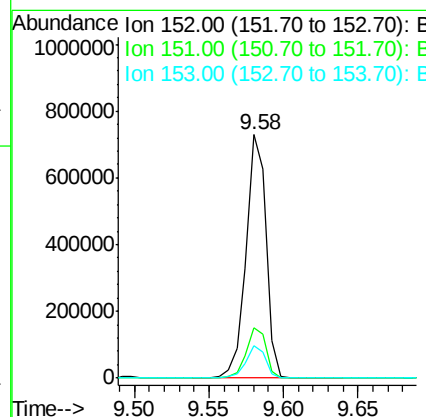
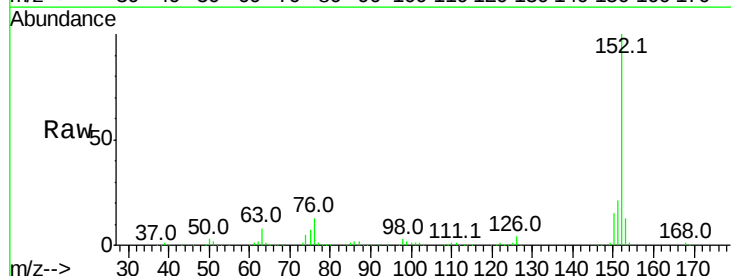
Manual Integrations
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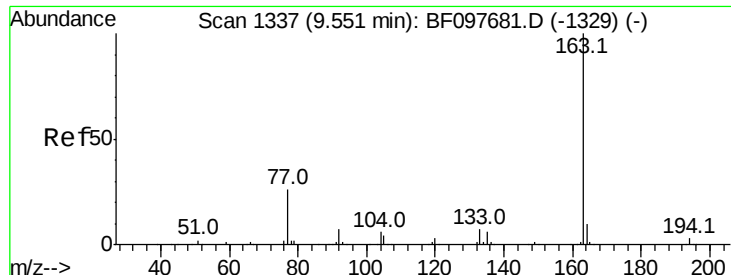
Sohil
9/11/2017 4:47:39 PM



#48
Acenaphthylene
Concen: 39.184 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.4	10.8	16.2





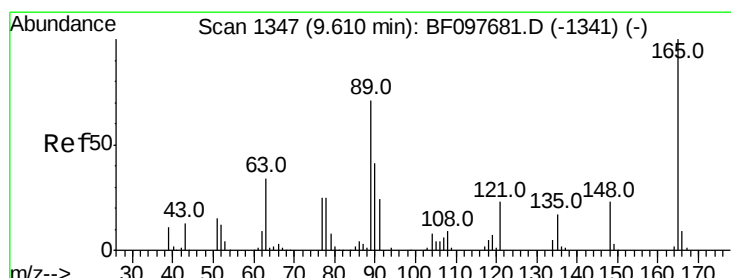
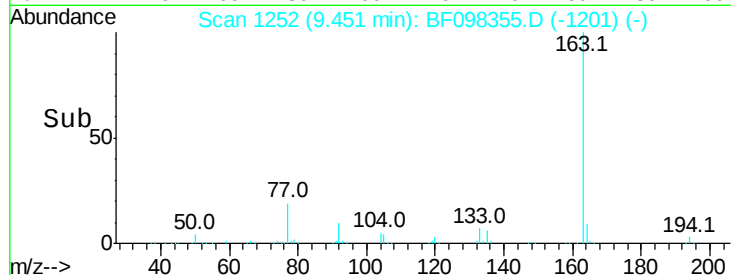
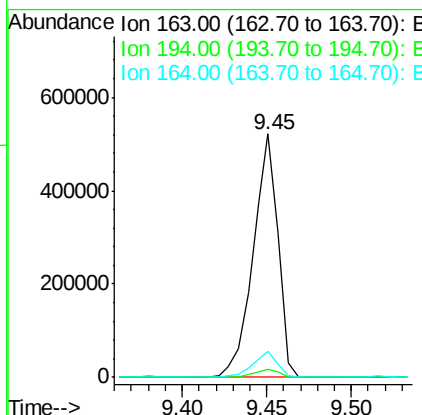
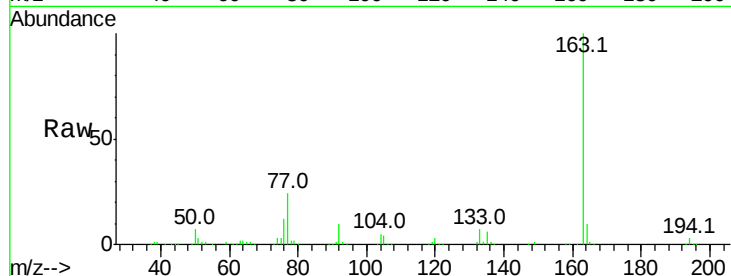
#49
Dimethylphthalate
Concen: 44.635 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	10.4	8.4	12.6	

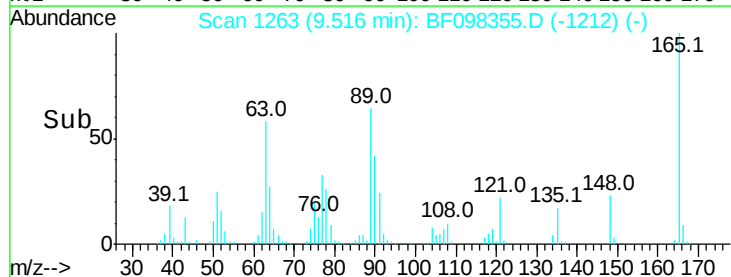
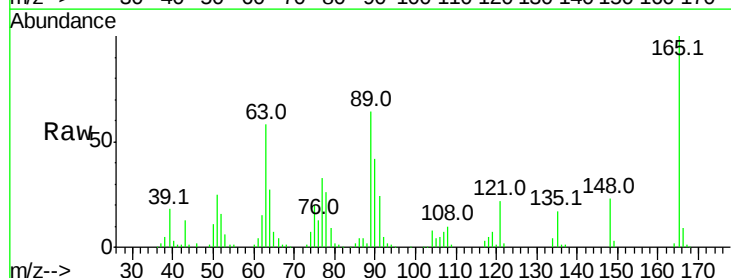
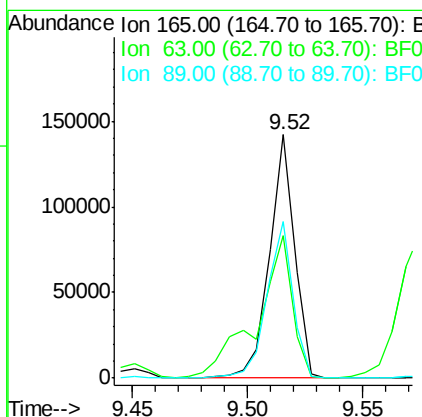
Manual Integrations
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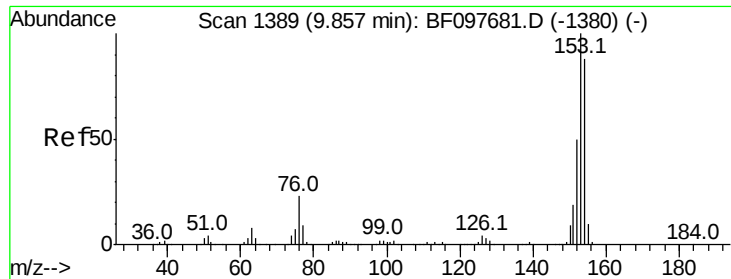
Sohil
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#50
2,6-Dinitrotoluene
Concen: 45.063 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.4	34.3	51.5#	
89	64.2	37.1	55.7#	





#51

Acenaphthene

Concen: 36.626 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Instrument :

BNA_F

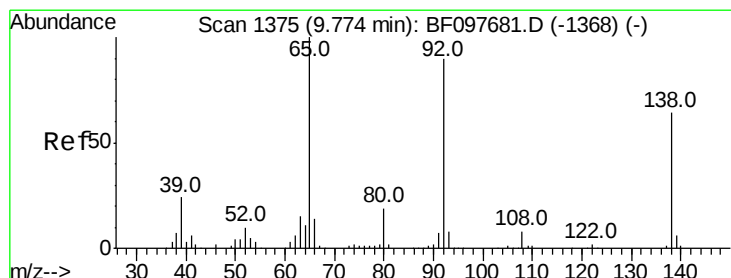
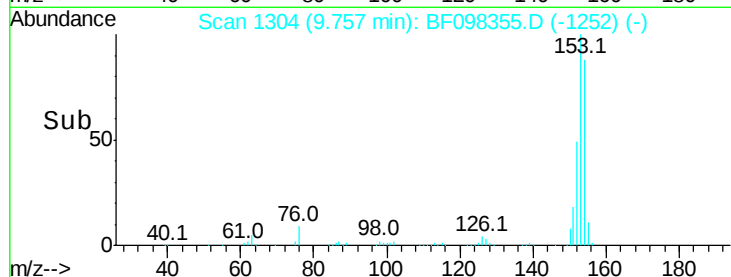
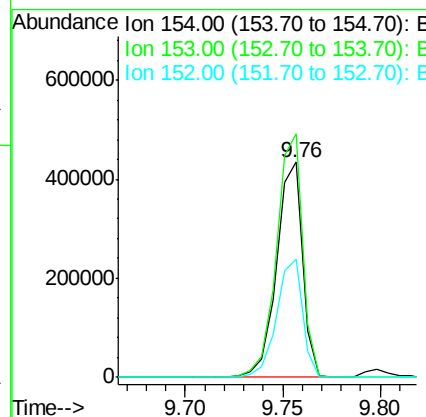
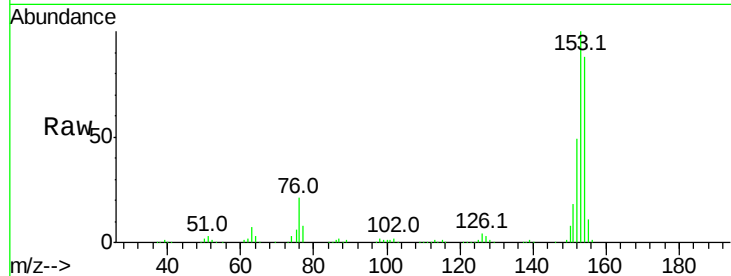
ClientSampleId :

PB102130BSD

Tot Ion:	154	Resp:	400019
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.5	135.7
152	54.9	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 28.028 ng

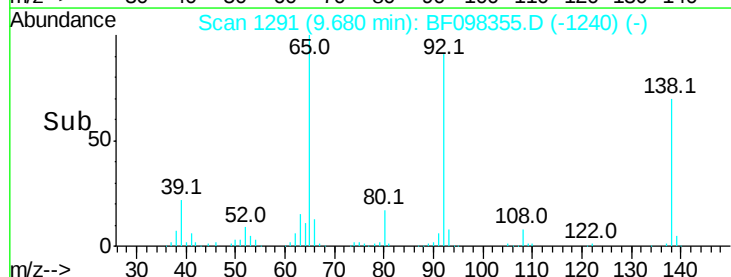
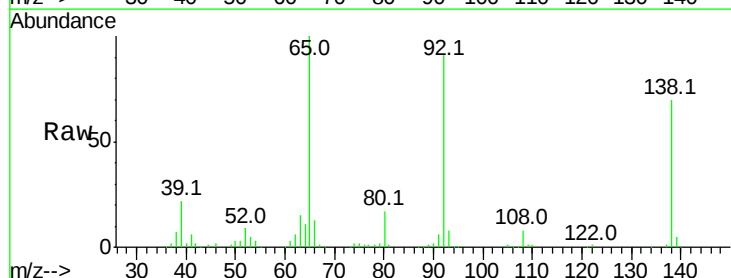
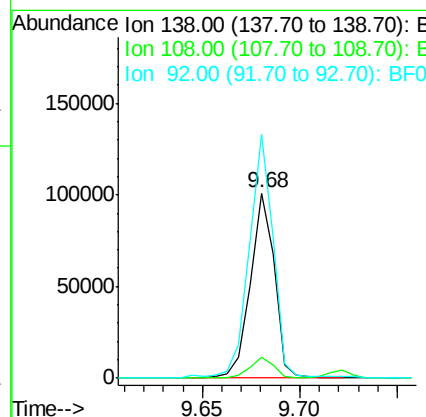
RT: 9.68 min Scan# 1291

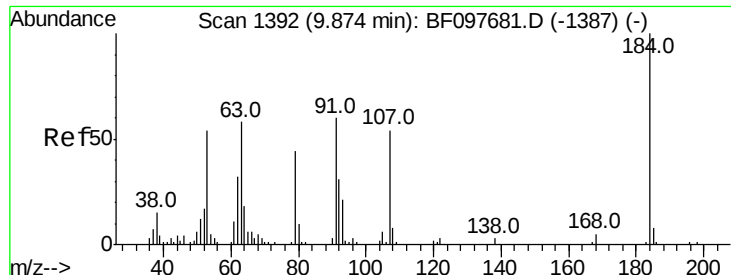
Delta R.T. 0.00 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Tgt Ion:	138	Resp:	86355
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.1	13.7
92	131.4	93.8	140.6





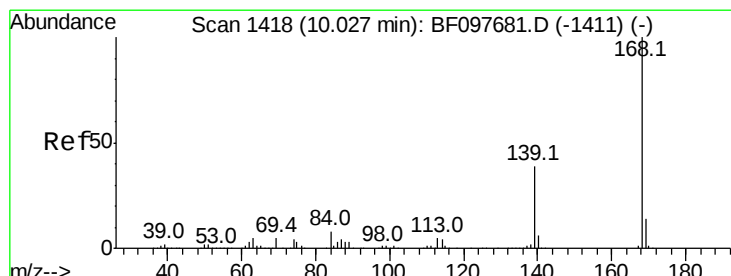
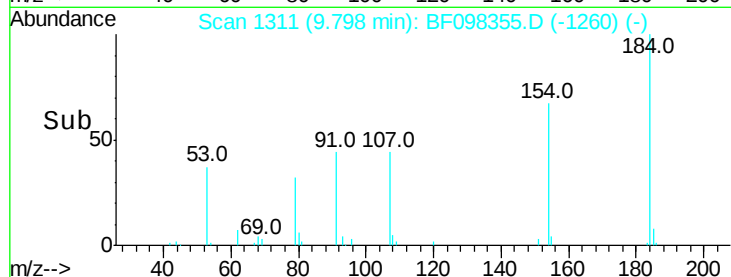
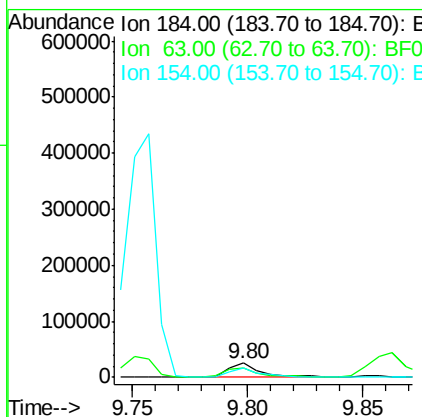
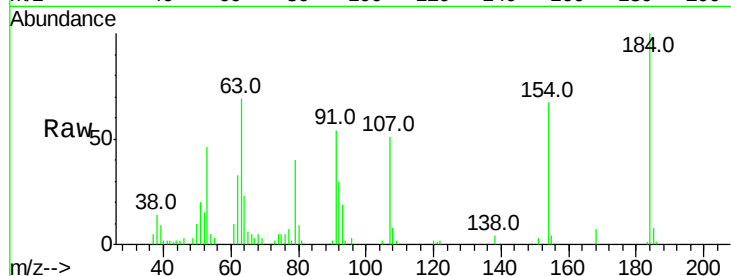
#53
 2,4-Dinitrophenol
 Concen: 29.978 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	69.0	62.7	94.1
154	67.2	81.1	121.7#

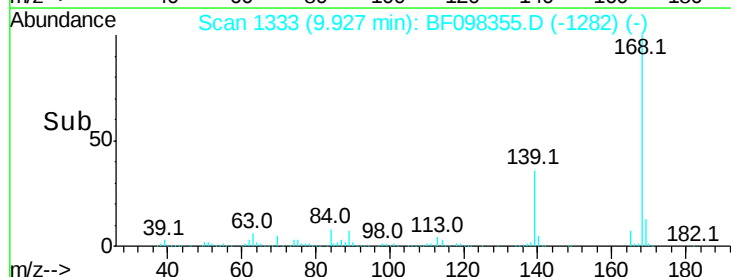
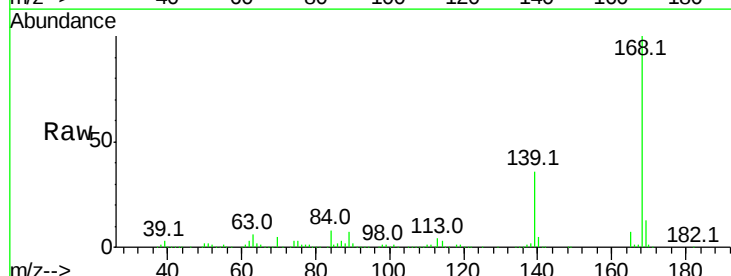
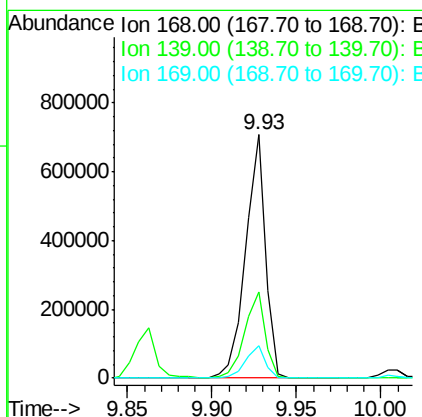
Manual Integrations
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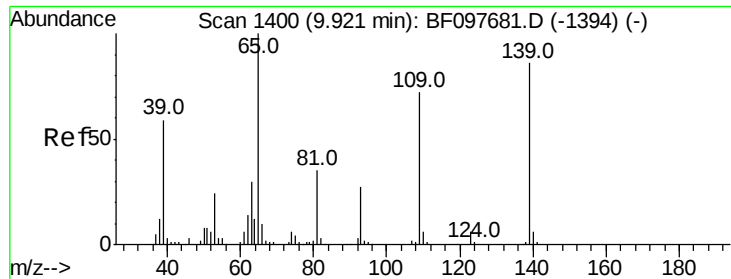
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#54
 Dibenzofuran
 Concen: 39.969 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.6	30.6	45.8
169	13.2	10.8	16.2





#55

4-Nitrophenol

Concen: 51.738 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.01 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Instrument :

BNA_F

ClientSampleId :

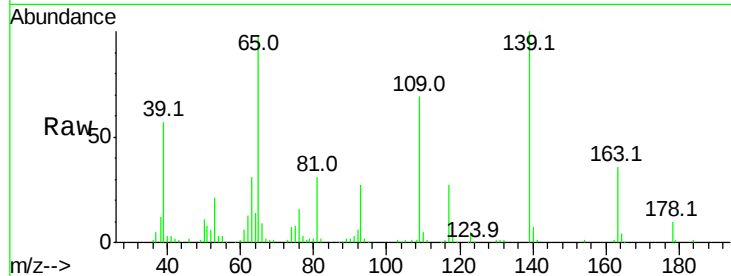
PB102130BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	127161		
109	68.8	34.1	74.1	
65	98.3	31.4	71.4	

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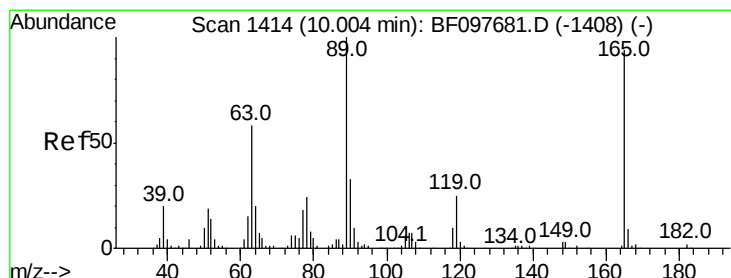
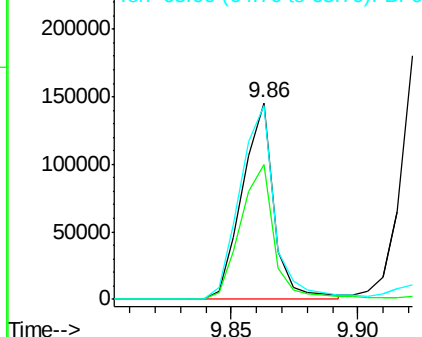
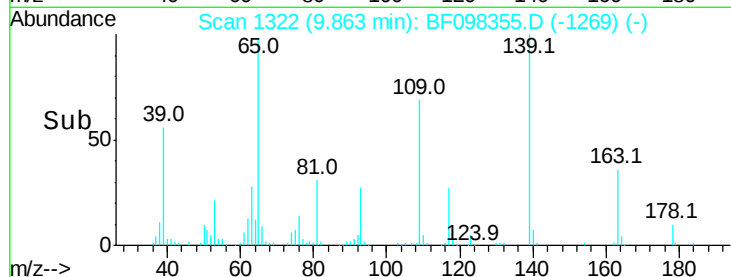


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.888 ng

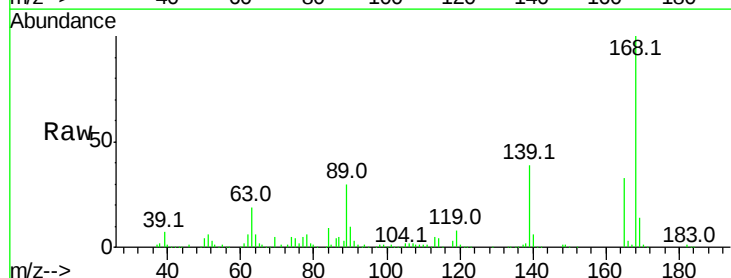
RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	122538		
63	57.2	25.4	38.0	
89	89.0	46.4	69.6	
182	2.5	1.8	2.6	



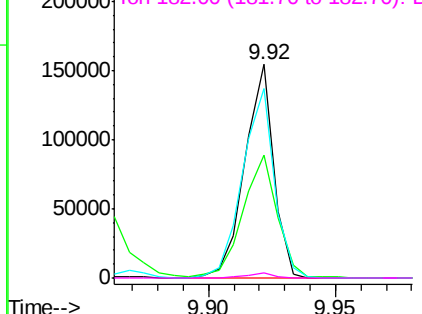
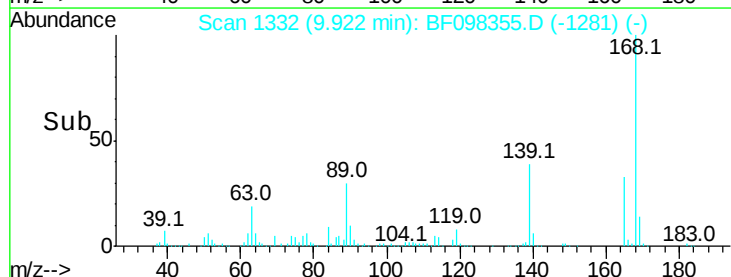
Abundance

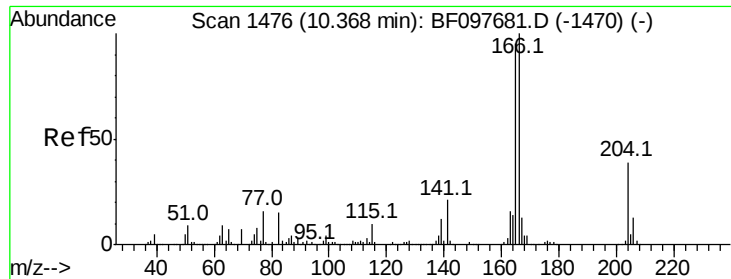
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





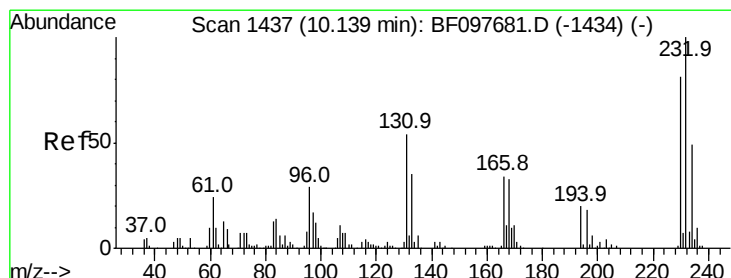
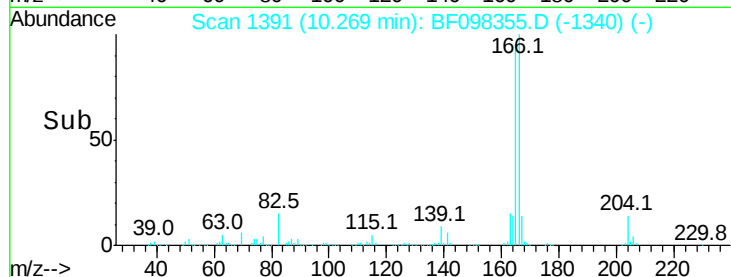
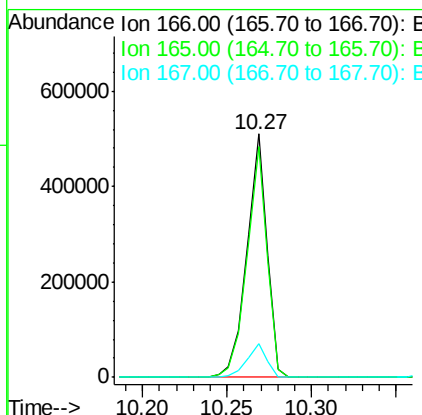
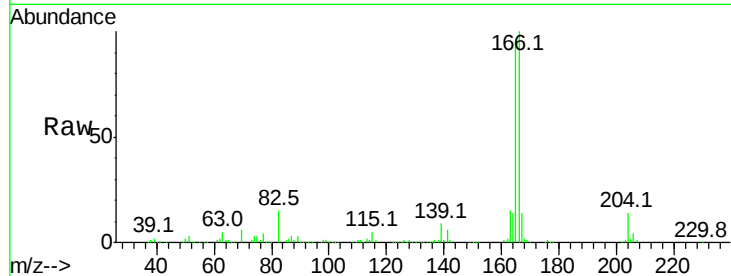
#57
 Fluorene
 Concen: 37.827 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	428095		
165	94.5	78.8	118.2	
167	13.9	10.6	16.0	

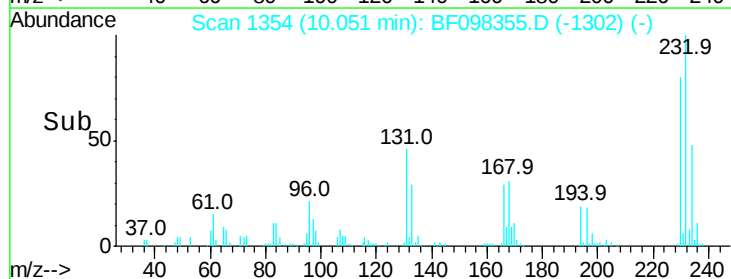
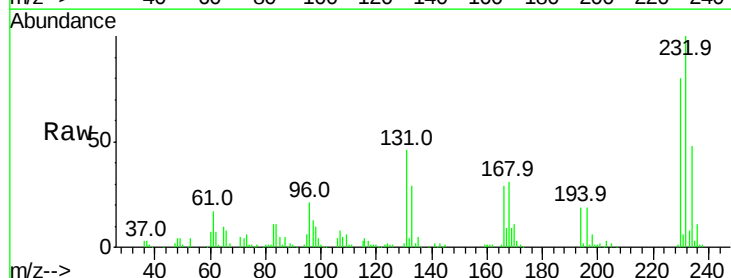
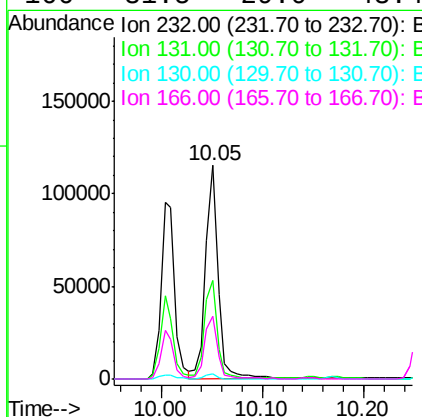
Manual Integrations
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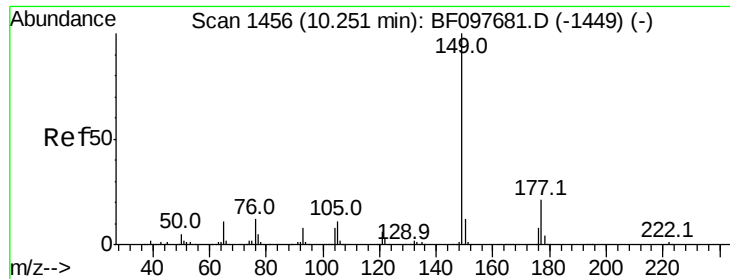
Sohil
 9/11/2017 4:47:39 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.485 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	99683		
131	46.6	44.8	67.2	
130	2.5	2.3	3.5	
166	31.5	29.0	43.4	





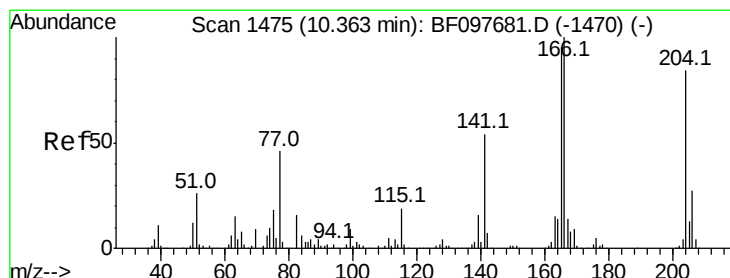
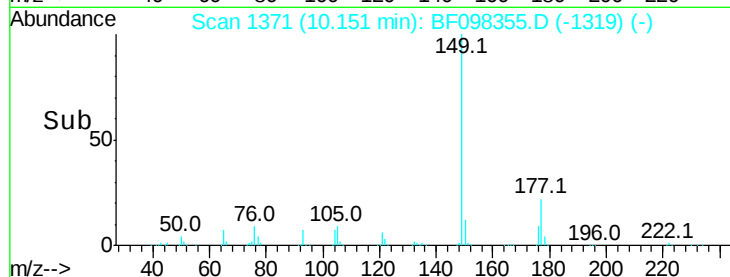
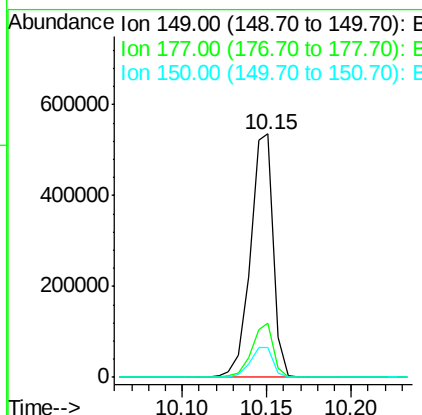
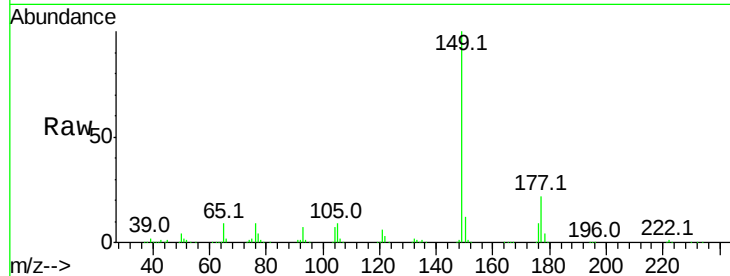
#59
Diethylphthalate
Concen: 40.648 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.5	16.7	25.1	
150	12.1	10.2	15.2	

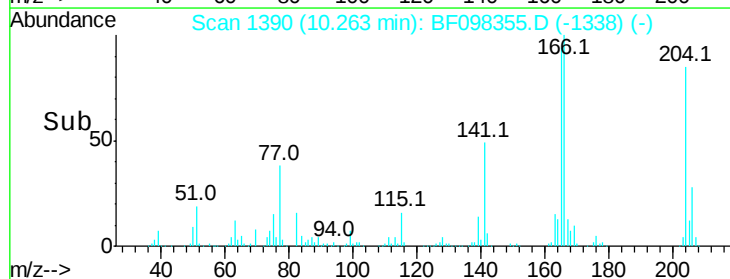
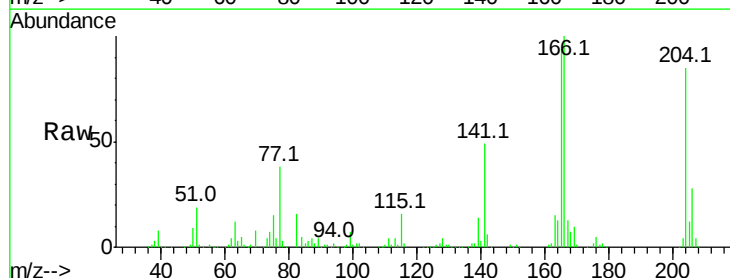
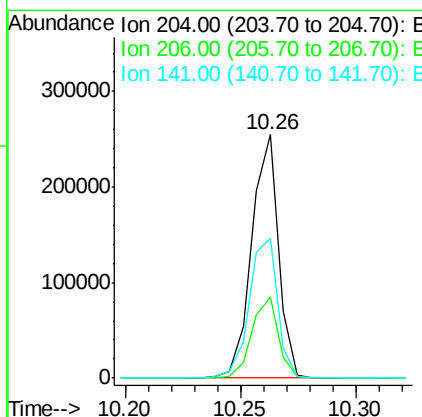
Manual Integrations
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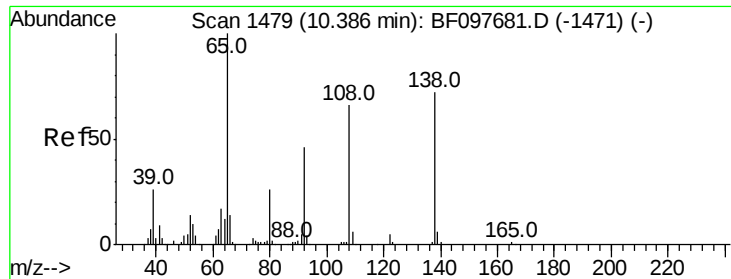
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 39.555 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.1	26.2	39.2	
141	57.3	60.8	91.2#	





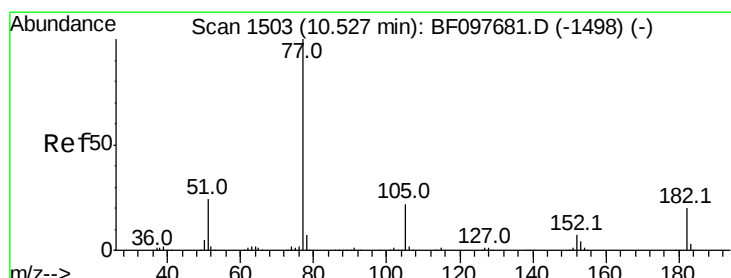
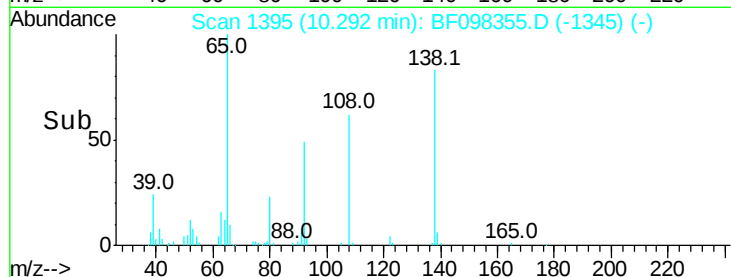
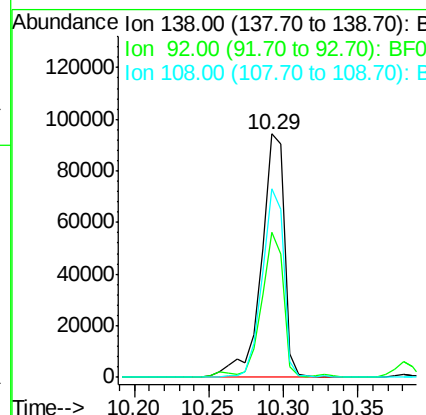
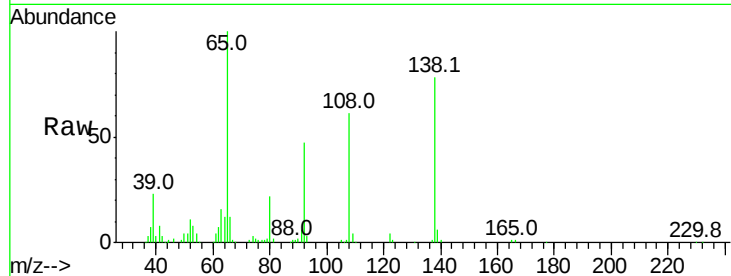
#61
4-Nitroaniline
Concen: 34.087 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.7	21.8	61.8
108	77.5	42.3	82.3

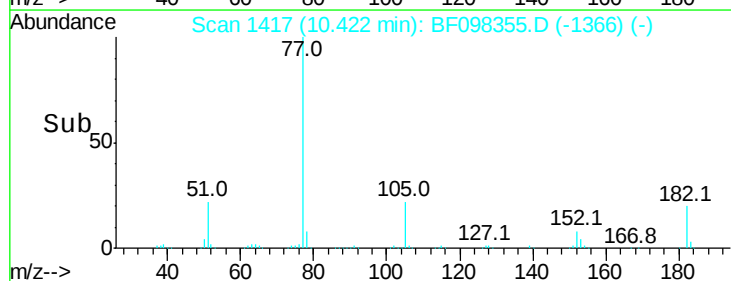
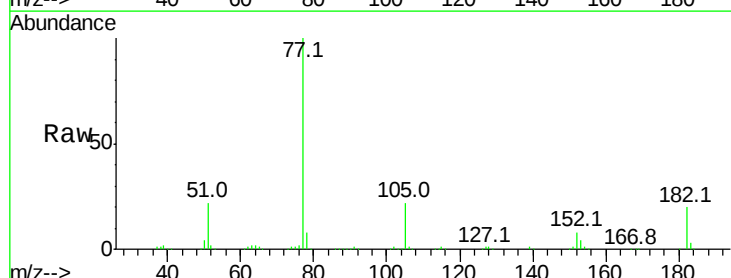
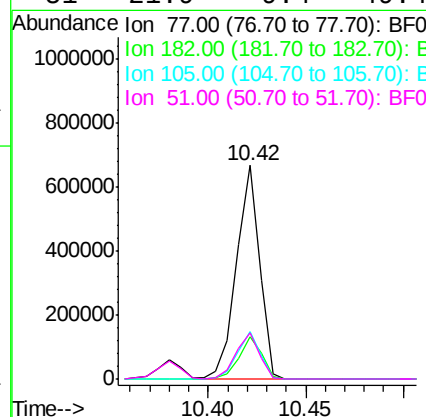
Manual Integrations
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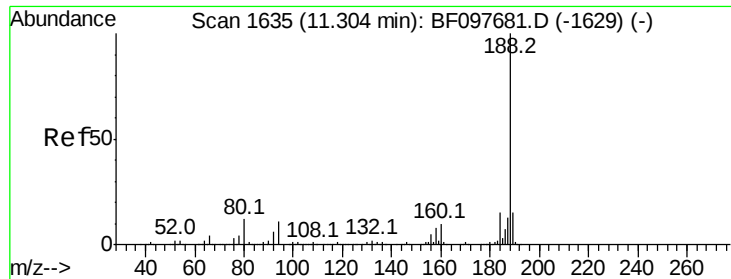
Sohil
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#62
Azobenzene
Concen: 37.152 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.0	0.1	40.1
105	22.0	3.6	43.6
51	21.9	9.4	49.4





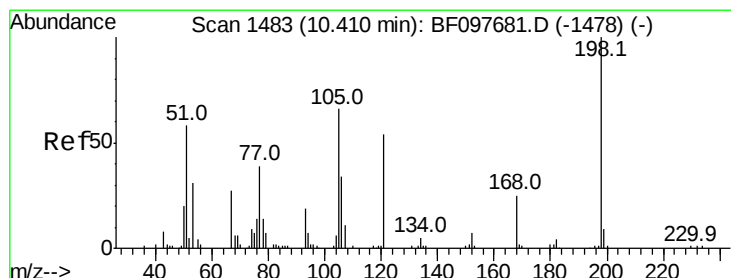
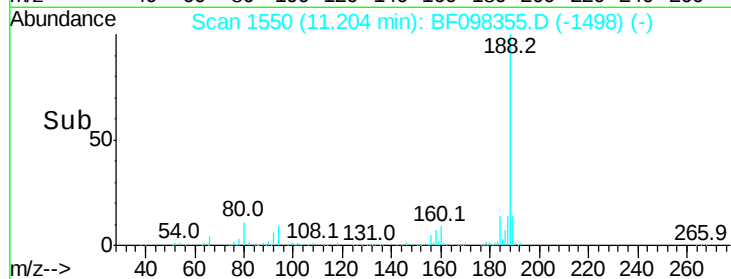
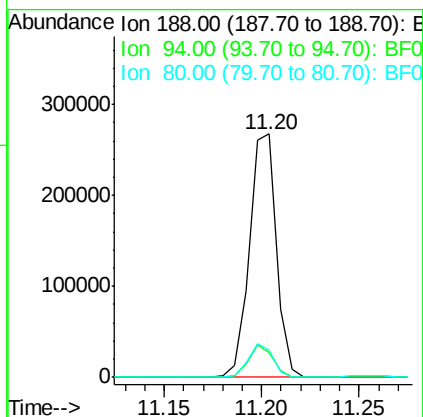
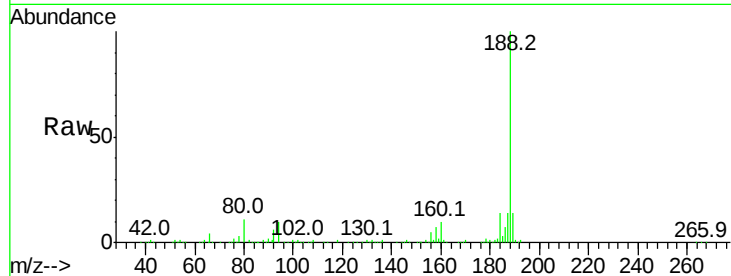
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	255351		
94	10.1		9.4	14.2
80	11.1		10.2	15.2

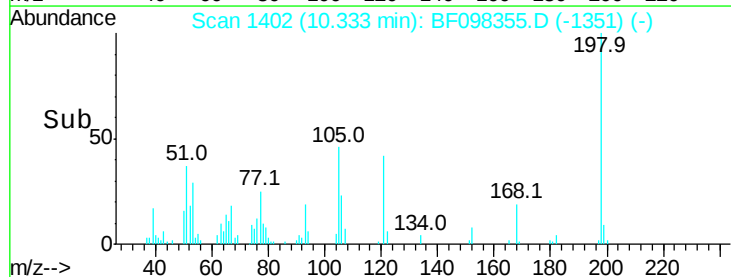
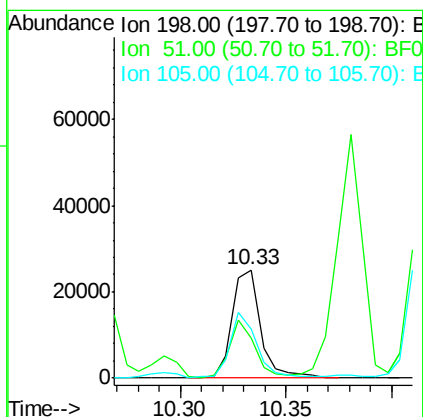
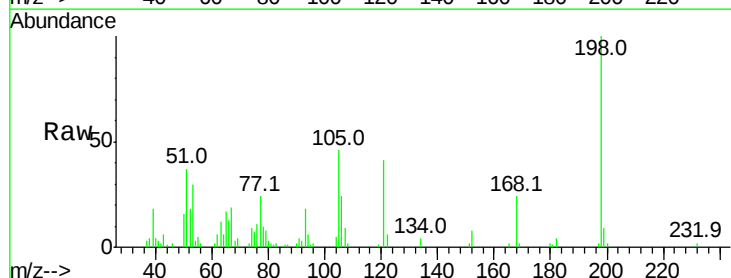
Manual Integrations
APPROVED

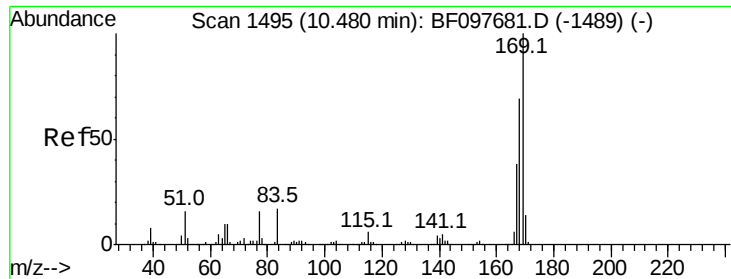
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.291 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	23246		
51	36.9		53.2	93.2#
105	45.9		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 45.204 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Instrument :

BNA_F

ClientSampleId :

PB102130BSD

Tot Ion:169 Resp: 393070

Ion Ratio Lower Upper

169 100

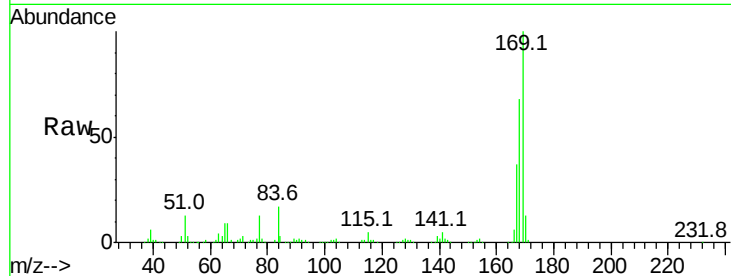
168 67.9 53.2 79.8

167 36.8 29.5 44.3

Manual Integrations
APPROVED

Sohil

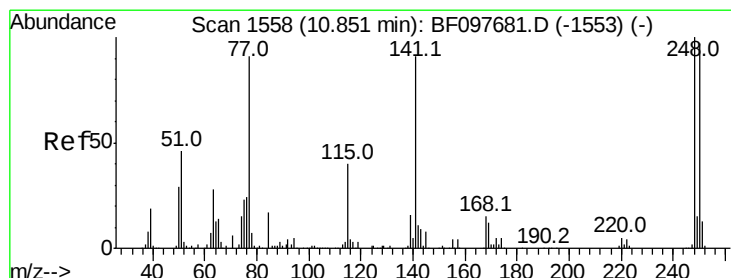
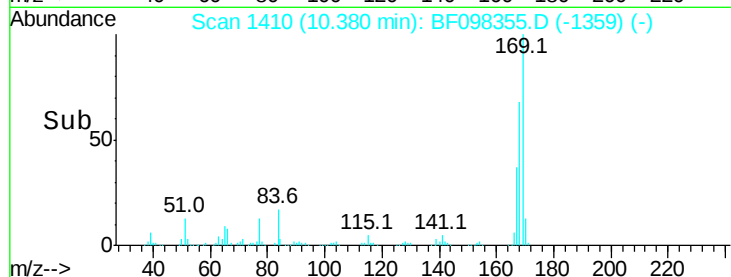
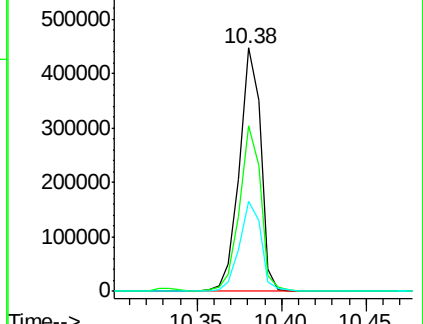
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.211 ng

RT: 10.75 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

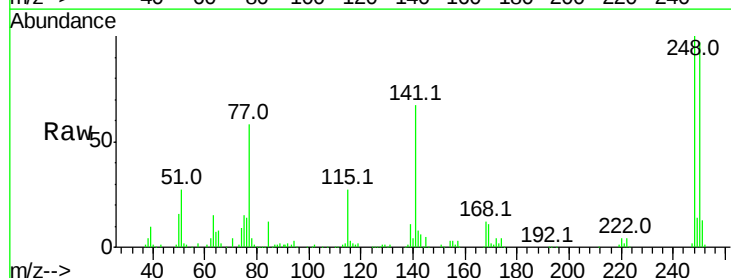
Tgt Ion:248 Resp: 125187

Ion Ratio Lower Upper

248 100

250 96.6 76.8 115.2

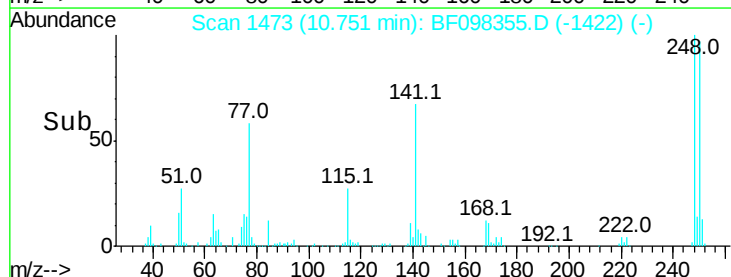
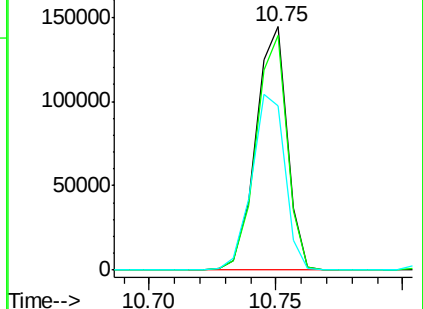
141 67.5 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.435 ng

RT: 10.82 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Instrument :

BNA_F

ClientSampleId :

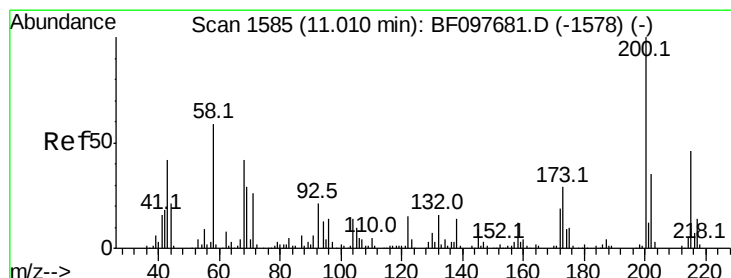
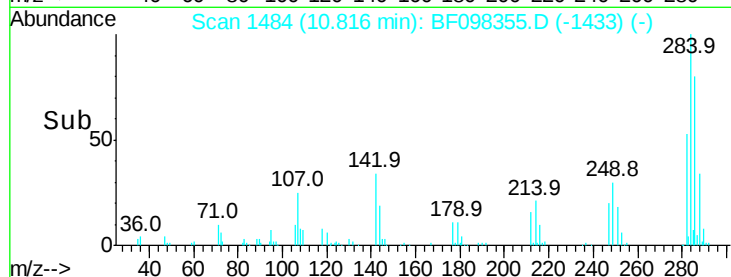
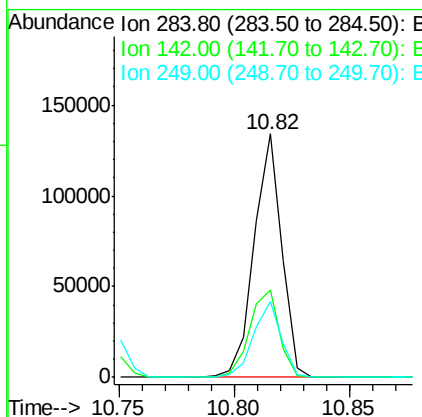
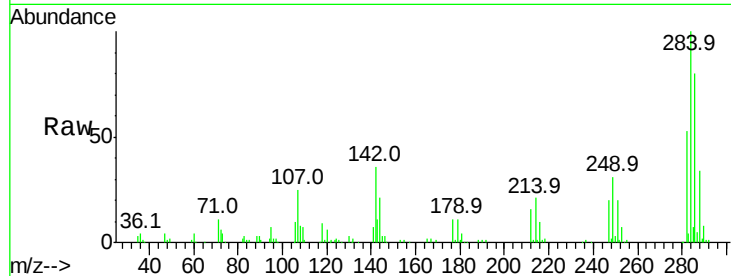
PB102130BSD

Tot Ion:	284	Resp:	111989
Ion Ratio	Lower	Upper	
284	100		
142	36.2	22.8	34.2#
249	31.1	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 48.390 ng

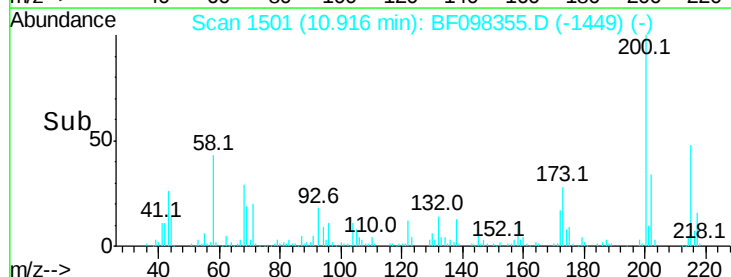
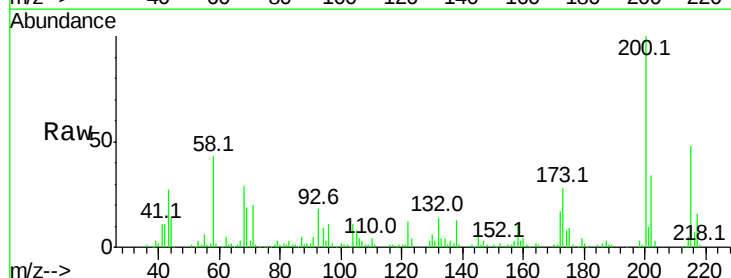
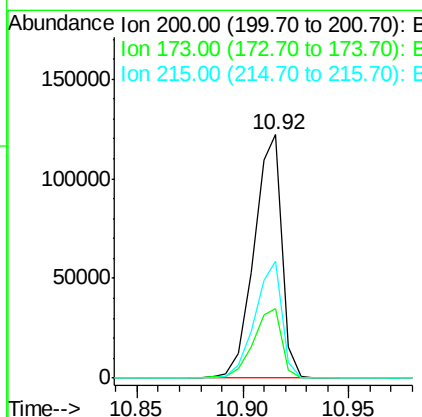
RT: 10.92 min Scan# 1501

Delta R.T. 0.01 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Tgt Ion:	200	Resp:	111589
Ion Ratio	Lower	Upper	
200	100		
173	28.4	6.3	46.3
215	47.8	27.2	67.2





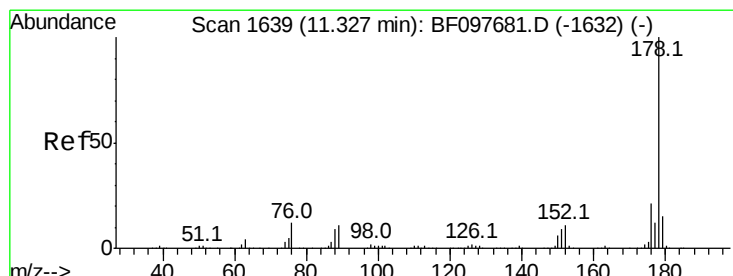
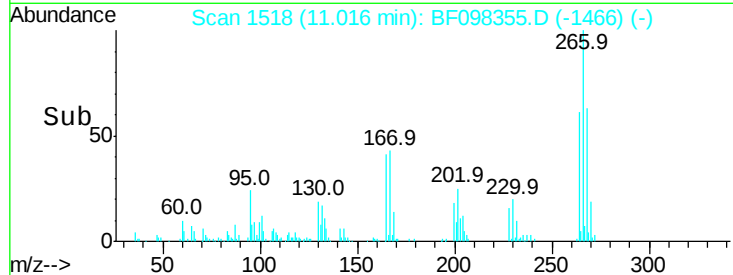
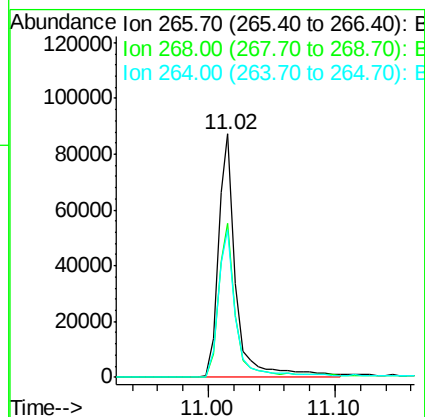
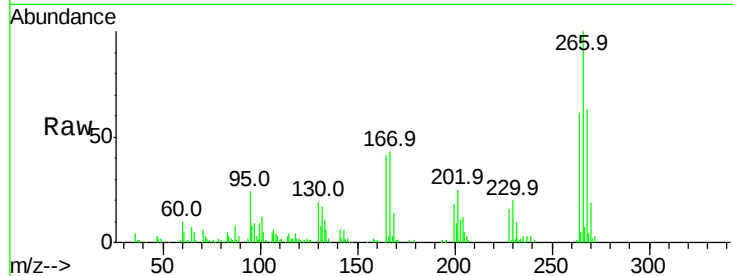
#69
 Pentachlorophenol
 Concen: 54.027 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. 0.01 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BSD

Tot Ion:	266	Resp:	85138
Ion Ratio	Lower	Upper	
266	100		
268	63.4	51.1	76.7
264	60.9	51.7	77.5

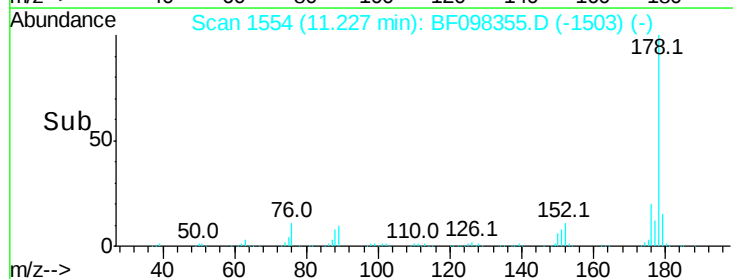
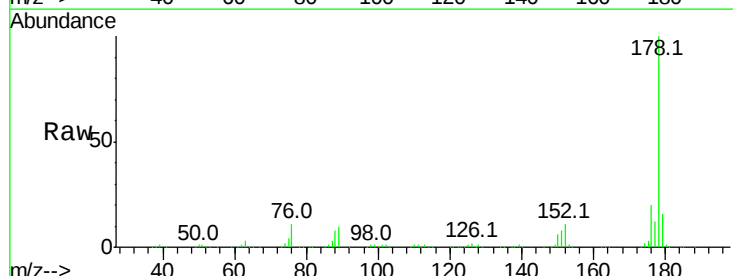
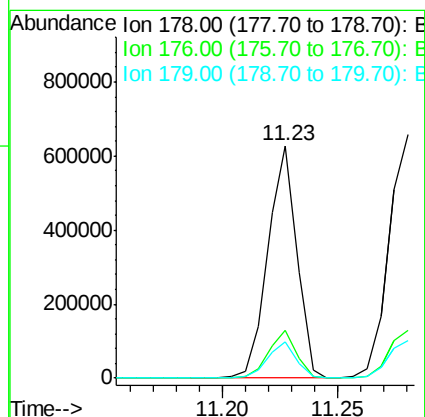
Manual Integrations
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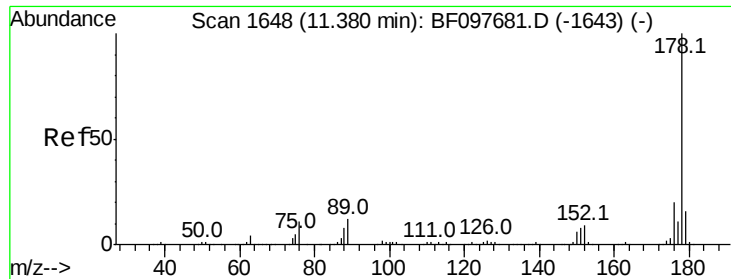
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#70
 Phenanthrene
 Concen: 40.151 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Tgt Ion:	178	Resp:	546329
Ion Ratio	Lower	Upper	
178	100		
176	20.4	16.2	24.4
179	15.8	12.6	19.0





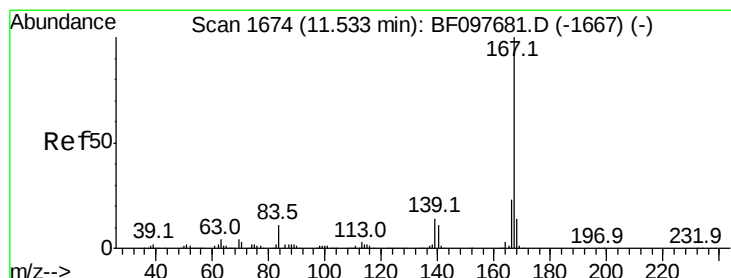
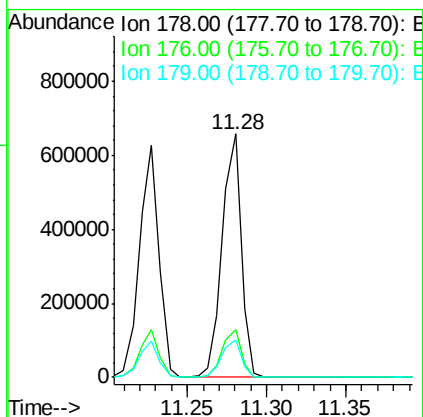
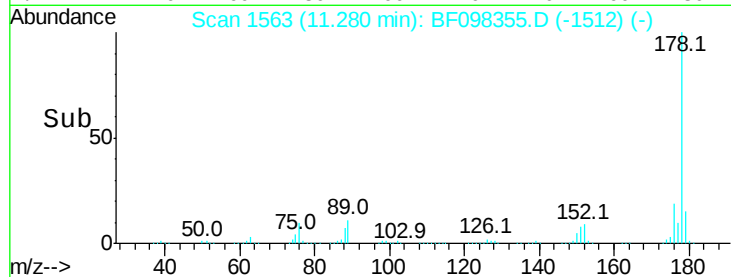
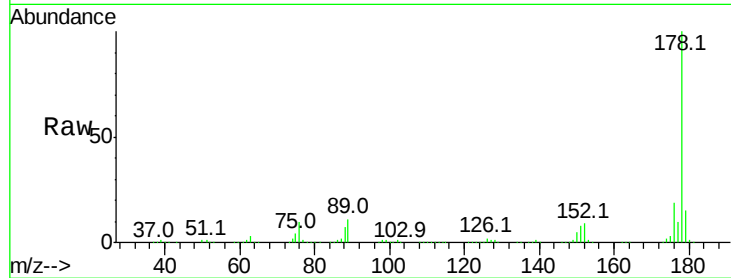
#71
 Anthracene
 Concen: 40.069 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	12.7	19.1

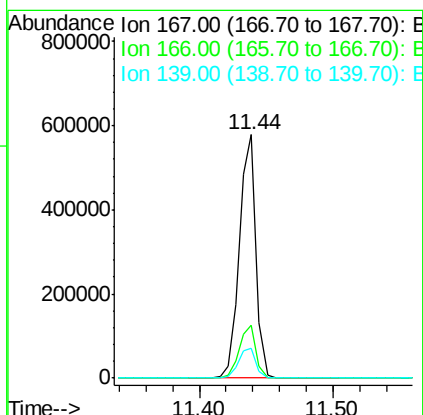
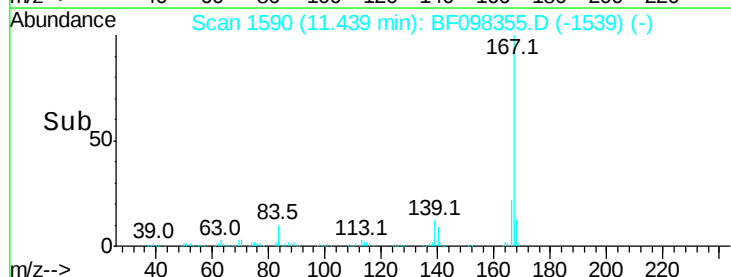
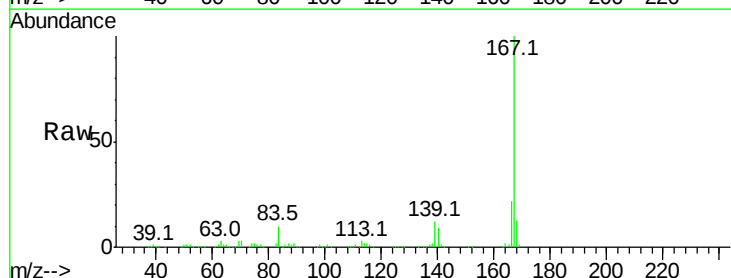
Manual Integrations
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#72
 Carbazole
 Concen: 38.141 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.1	27.1
139	12.2	11.7	17.5





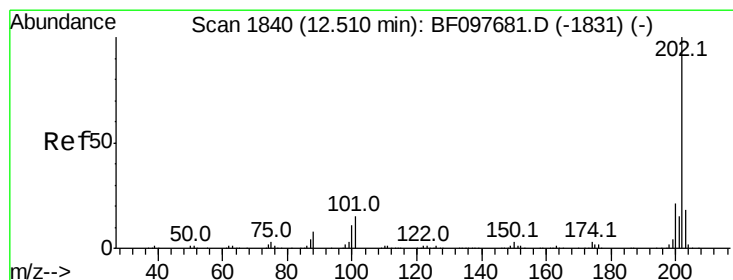
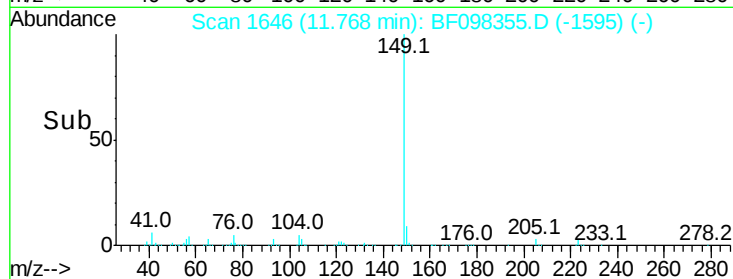
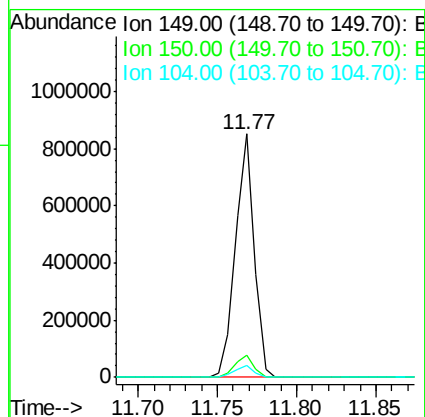
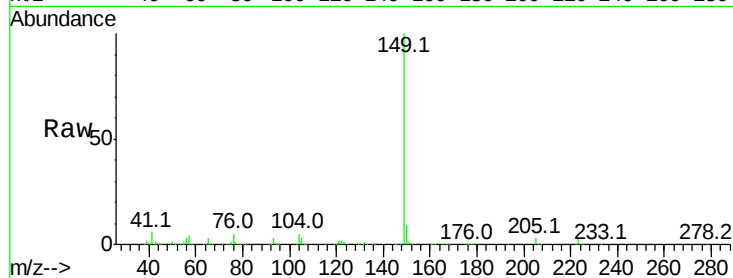
#73
Di-n-butylphthalate
Concen: 46.139 ng
RT: 11.77 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	696209		
150	8.9	7.7	11.5	
104	4.8	4.0	6.0	

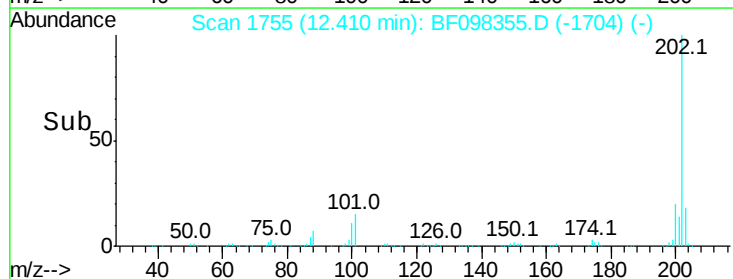
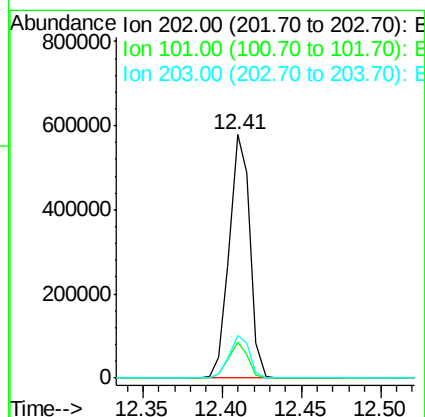
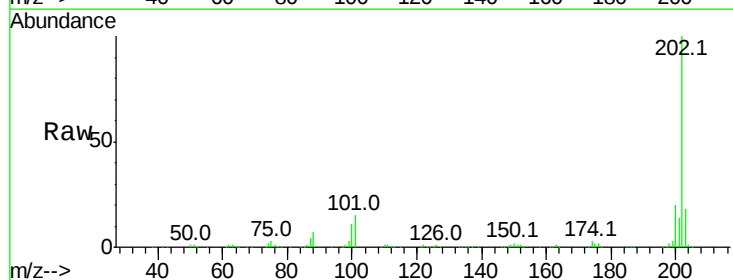
Manual Integrations
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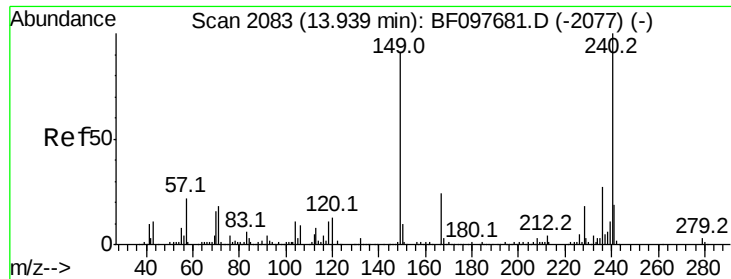
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#74
Fluoranthene
Concen: 36.852 ng
RT: 12.41 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	523383		
101	14.7	0.0	33.2	
203	17.7	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Instrument :

BNA_F

ClientSampleId :

PB102130BSD

Tot Ion:240 Resp: 202631
Ion Ratio Lower Upper

240 100

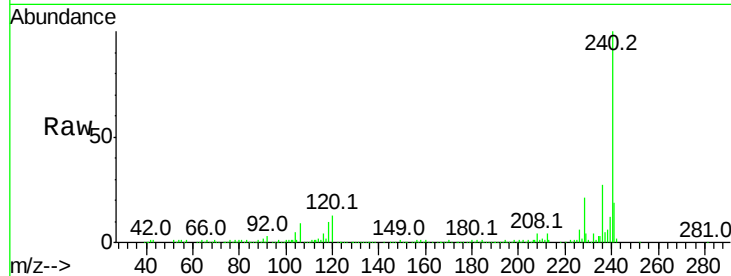
120 13.1 5.8 8.8#

236 26.8 20.5 30.7

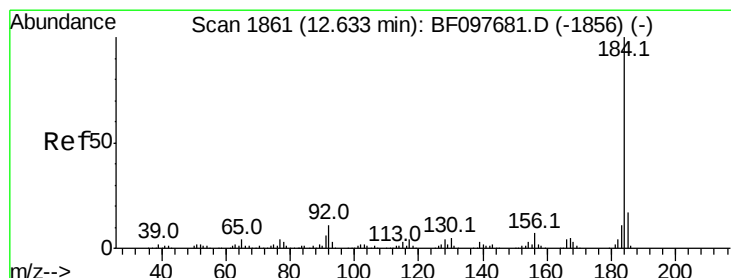
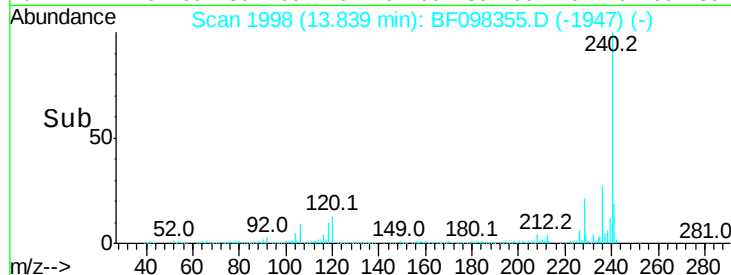
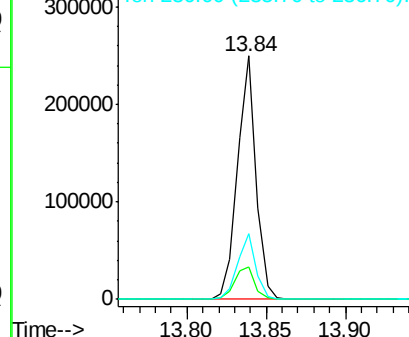
Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 60.134 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF098355.D

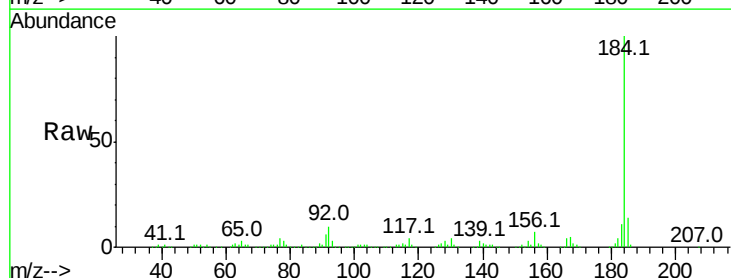
Acq: 8 Sep 2017 17:25

Tgt Ion:184 Resp: 399521
Ion Ratio Lower Upper

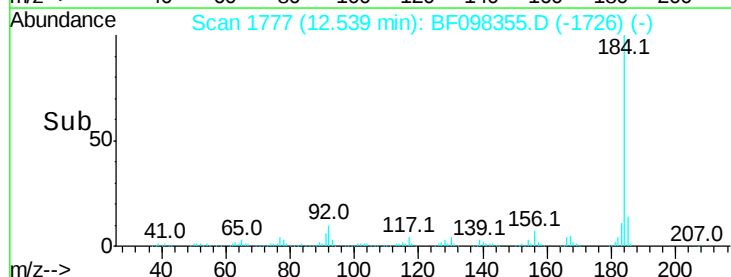
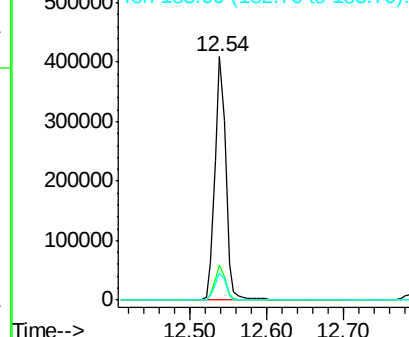
184 100

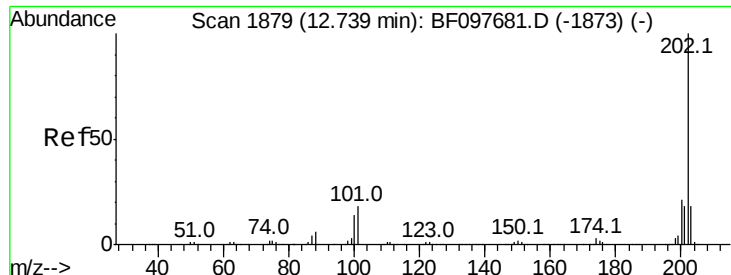
185 14.5 15.5 23.3#

183 11.4 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





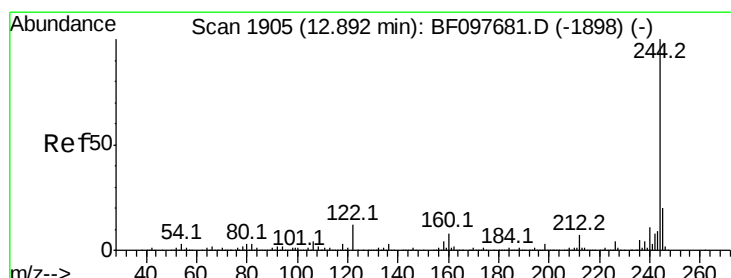
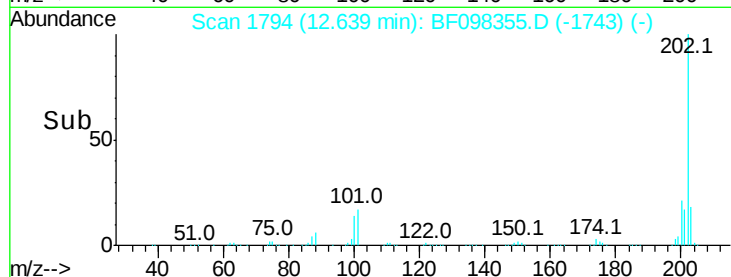
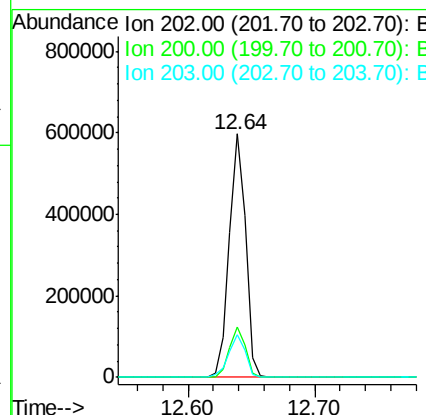
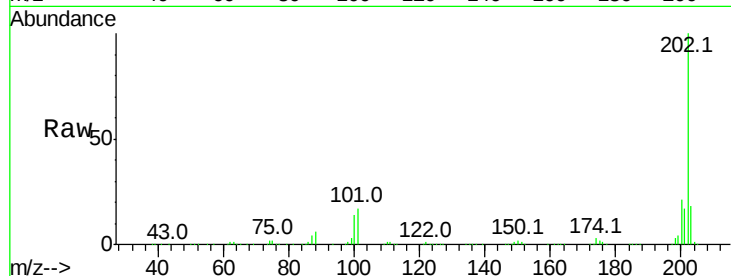
#77
Pvrene
Concen: 32.374 ng
RT: 12.64 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.6	17.6	26.4	
203	17.6	14.4	21.6	

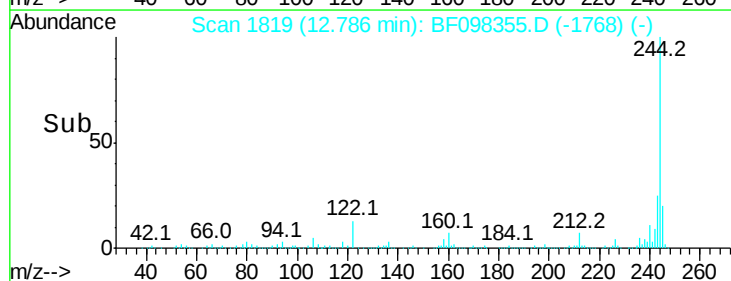
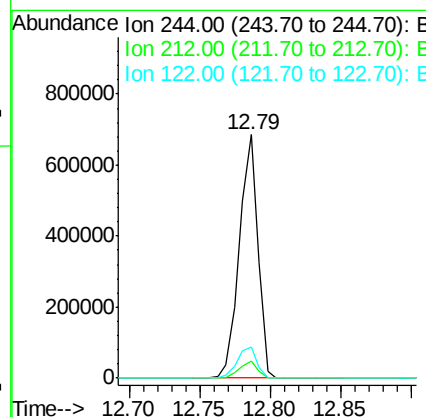
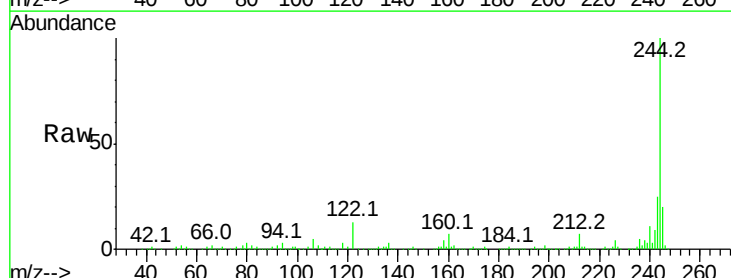
Manual Integrations
APPROVED

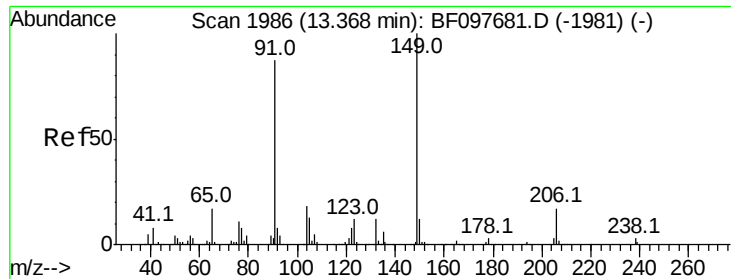
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#78
Terphenyl-d14
Concen: 64.269 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.9	6.0	9.0	
122	13.0	10.3	15.5	





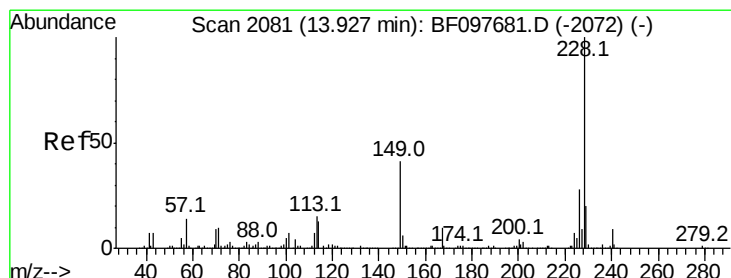
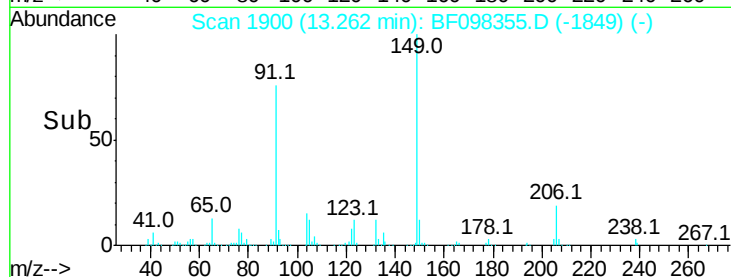
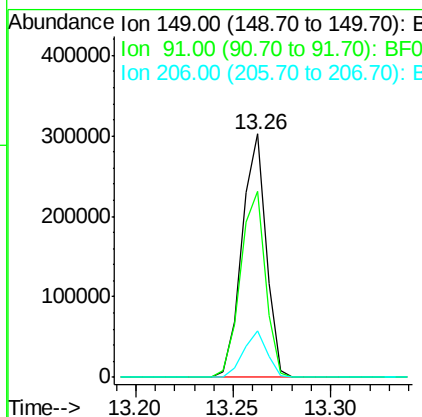
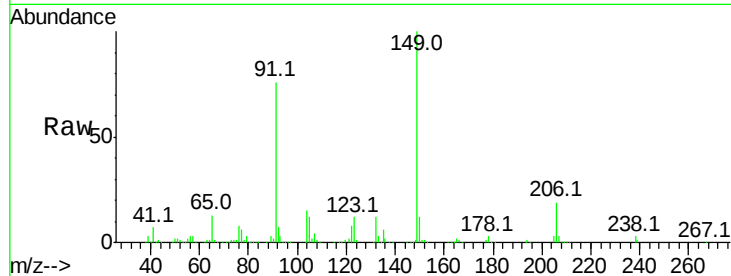
#79
Butylbenzylphthalate
Concen: 40.814 ng
RT: 13.26 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	259334		
91	76.2	45.0	67.4#	
206	19.2	17.0	25.6	

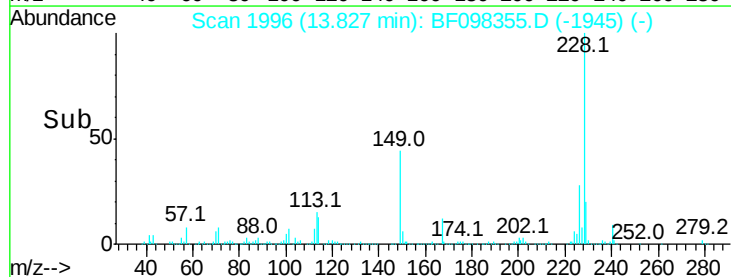
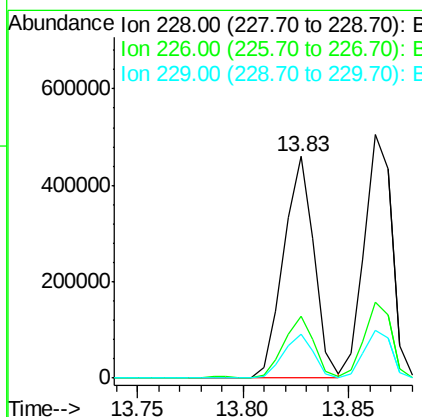
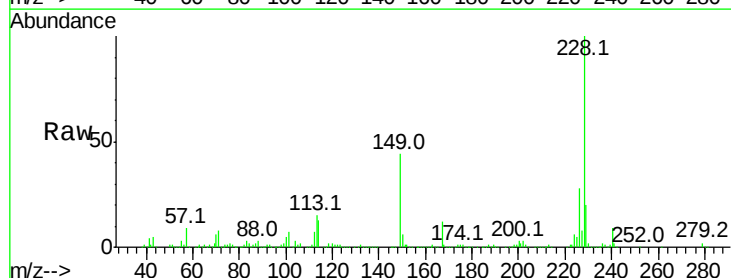
Manual Integrations
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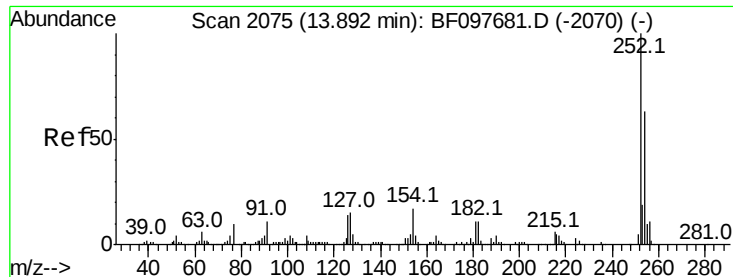
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#80
Benzo(a)anthracene
Concen: 38.019 ng
RT: 13.83 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	461719		
226	28.0	22.6	33.8	
229	19.9	16.3	24.5	





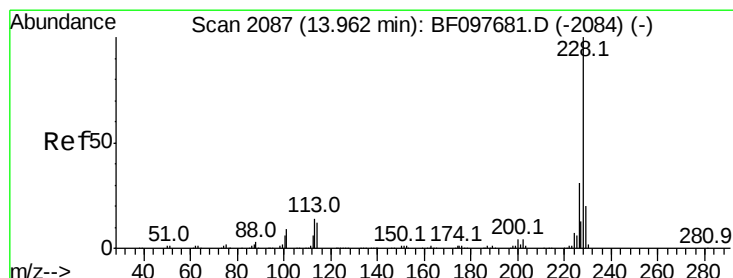
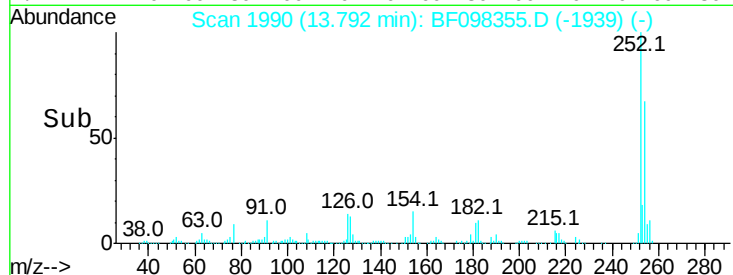
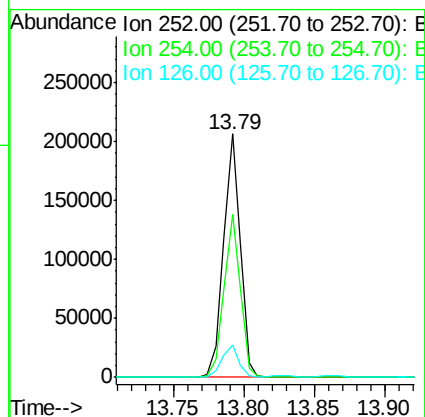
#81
 3,3'-Dichlorobenzidine
 Concen: 41.653 ng
 RT: 13.79 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Instrument :
 BNA_F
 ClientSampled :
 PB102130BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	67.0	51.5	77.3
126	13.6	15.8	23.8

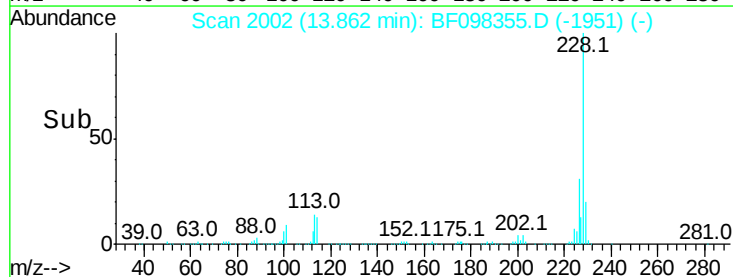
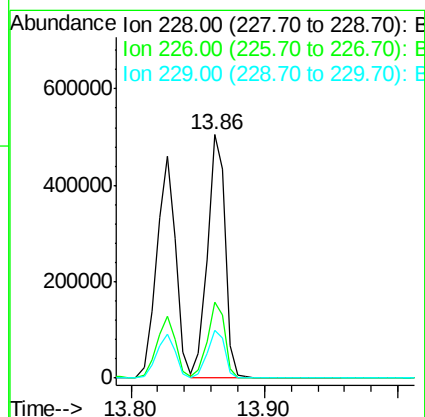
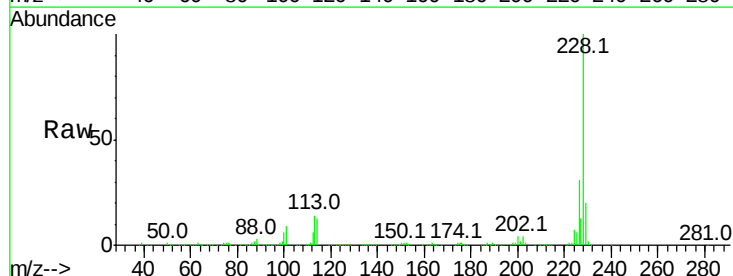
Manual Integrations
 APPROVED

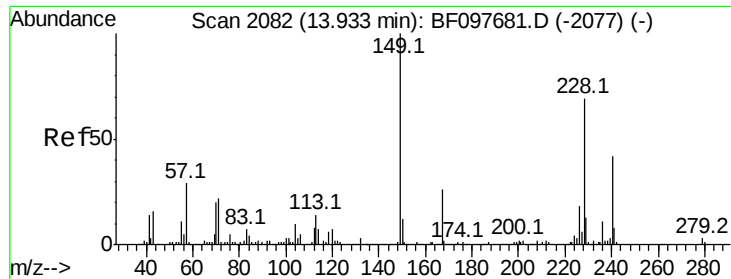
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#82
 Chrysene
 Concen: 38.449 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	24.9	37.3
229	19.6	15.8	23.6





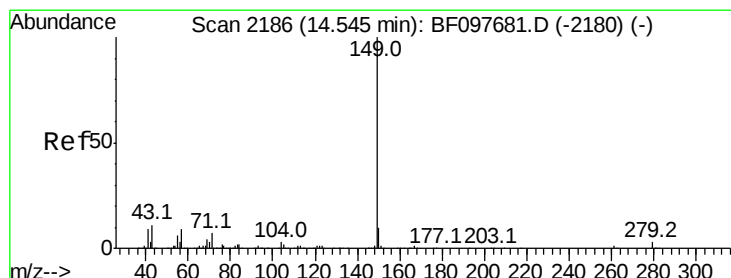
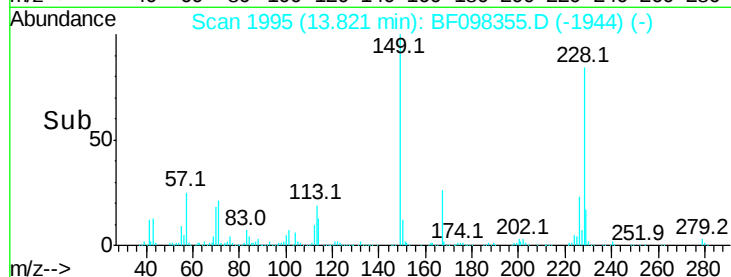
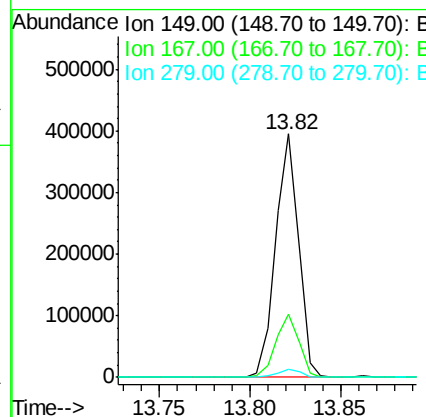
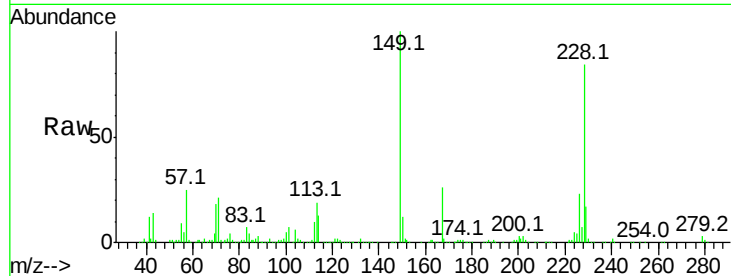
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.309 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	347183		
167	26.2	21.0	31.4	
279	3.1	1.9	2.9#	

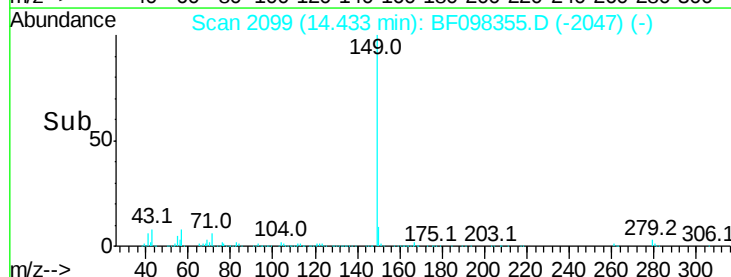
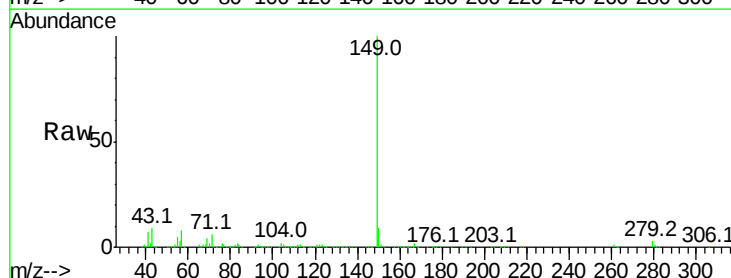
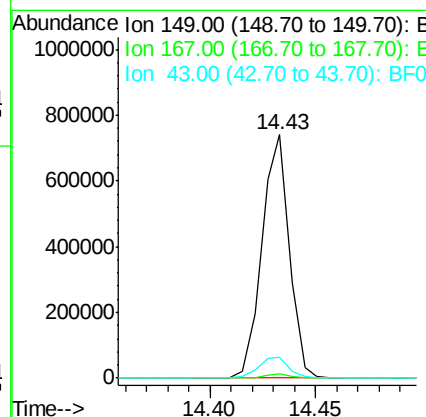
Manual Integrations
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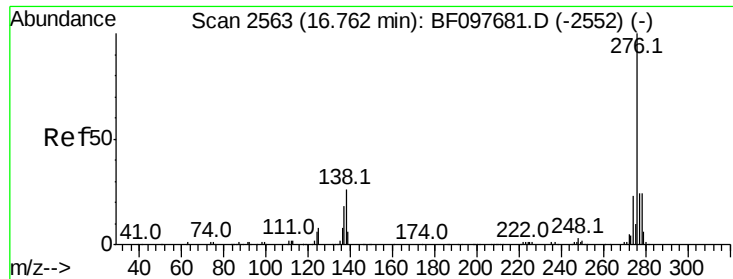
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#84
 Di-n-octyl phthalate
 Concen: 54.444 ng
 RT: 14.43 min Scan# 2099
 Delta R.T. 0.01 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	666997		
167	1.6	1.2	1.8	
43	9.1	8.5	12.7	





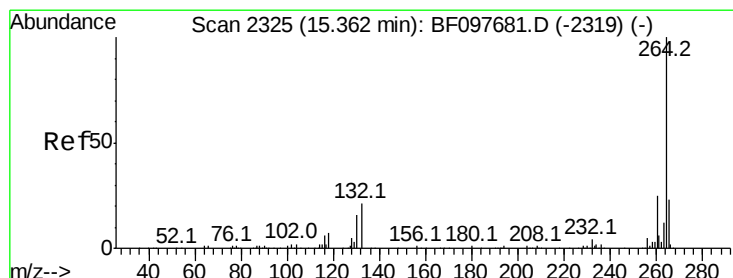
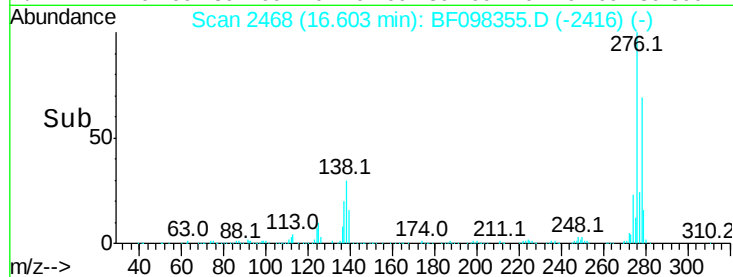
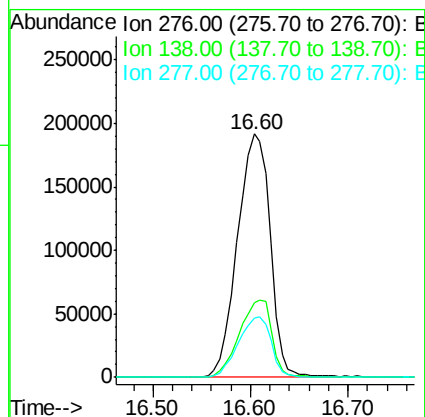
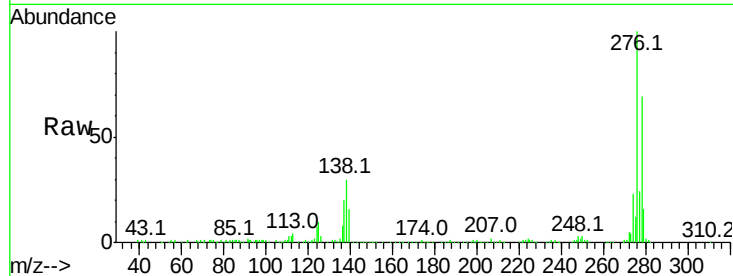
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.674 ng
RT: 16.60 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampled :
PB102130BSD

Tot Ion:	276	Resp:	450351
Ion Ratio	Lower	Upper	
276	100		
138	31.6	27.8	41.6
277	25.1	20.2	30.4

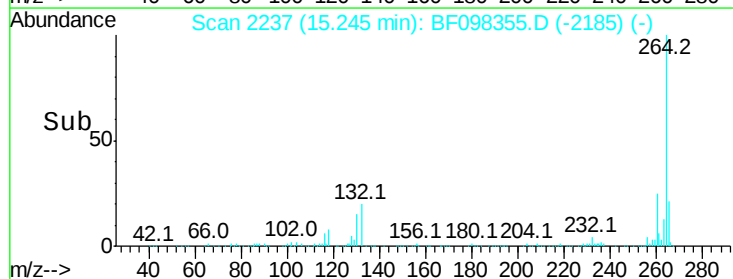
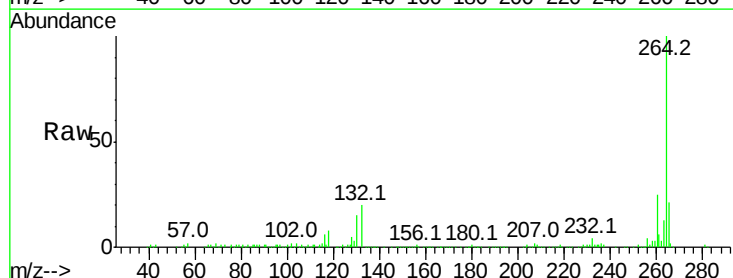
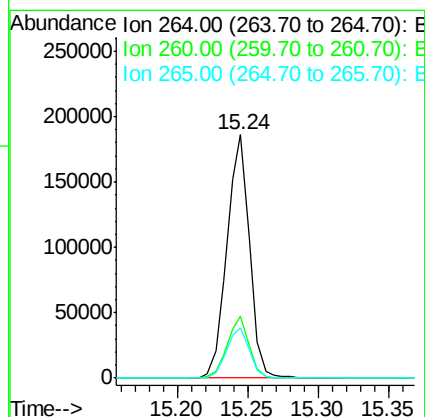
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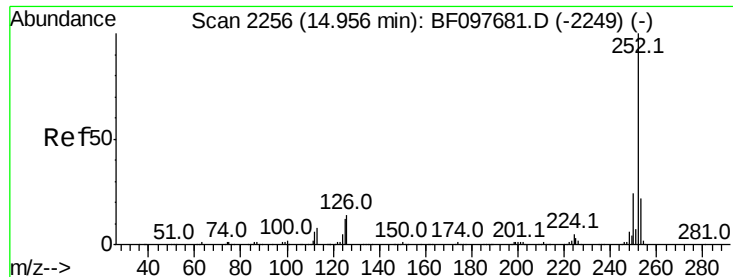
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion:	264	Resp:	205907
Ion Ratio	Lower	Upper	
264	100		
260	25.2	19.5	29.3
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.914 ng

RT: 14.84 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Instrument :

BNA_F

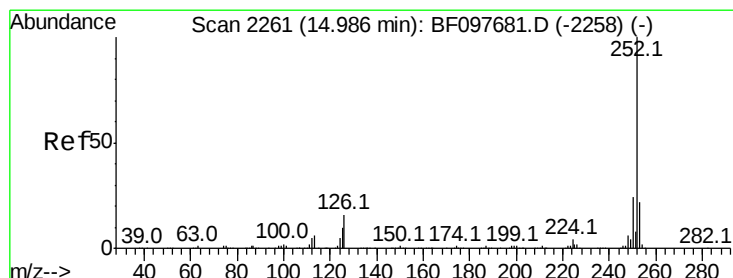
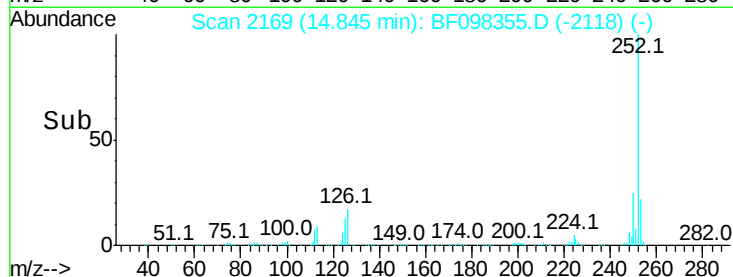
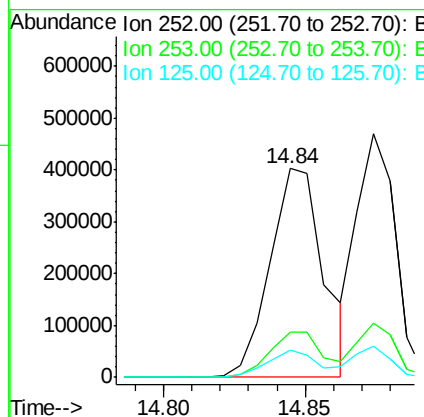
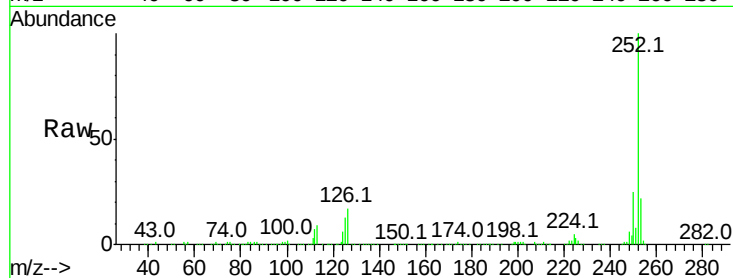
ClientSampleId :

PB102130BSD

Tot Ion:	252	Resp:	531023
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.1	27.1
125	13.3	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 36.841 ng m

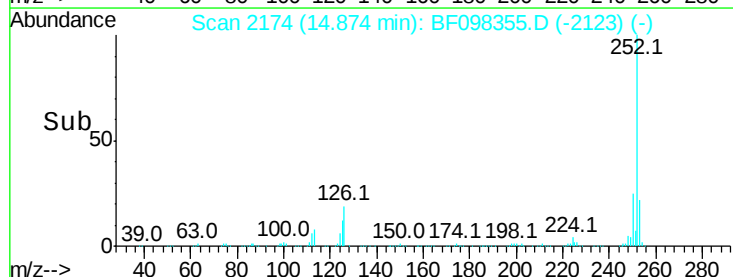
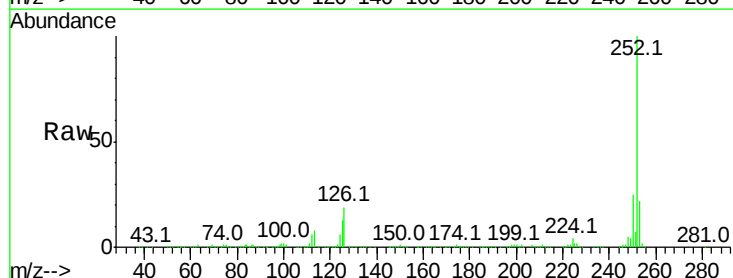
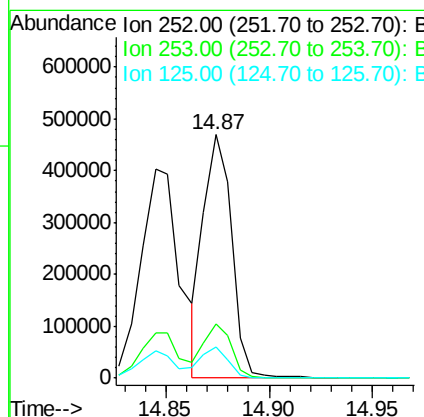
RT: 14.87 min Scan# 2174

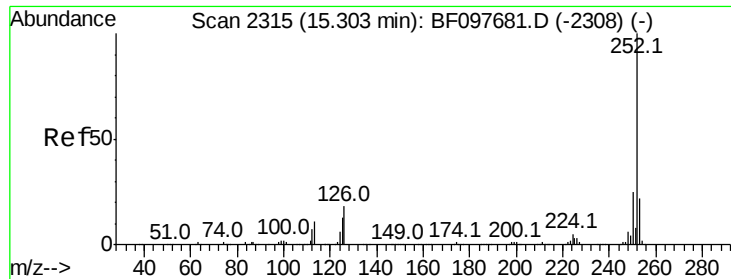
Delta R.T. 0.00 min

Lab File: BF098355.D

Acq: 8 Sep 2017 17:25

Tgt Ion:	252	Resp:	449229
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.4	27.6
125	12.6	13.1	19.7#





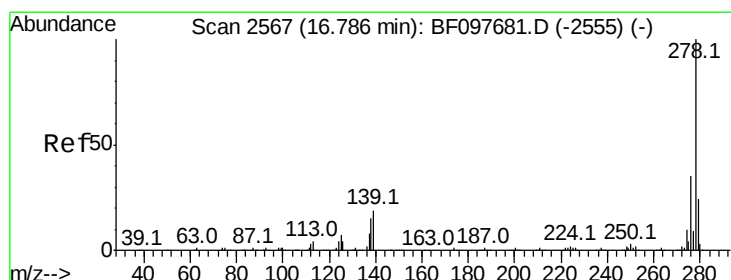
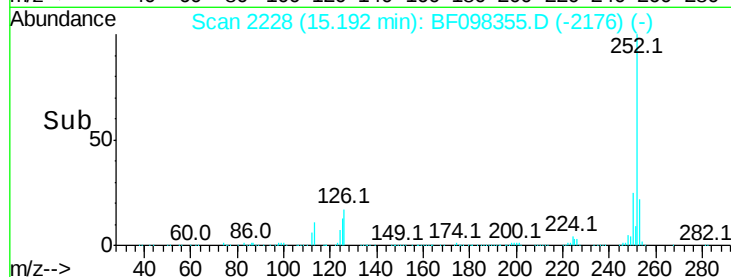
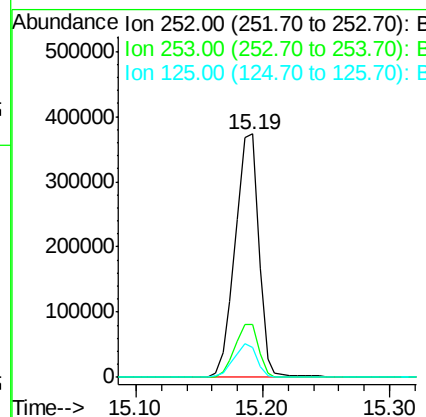
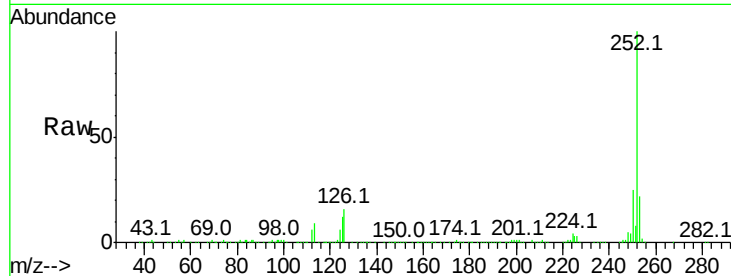
#89
Benzo(a)pyrene
Concen: 41.950 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Instrument :
BNA_F
ClientSampleId :
PB102130BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	12.1	11.0	16.4

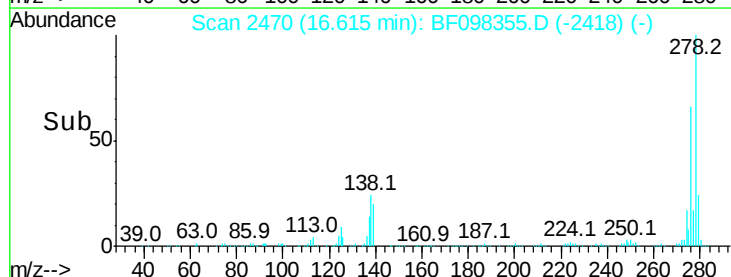
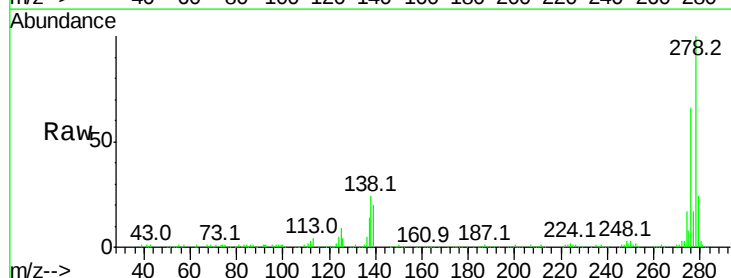
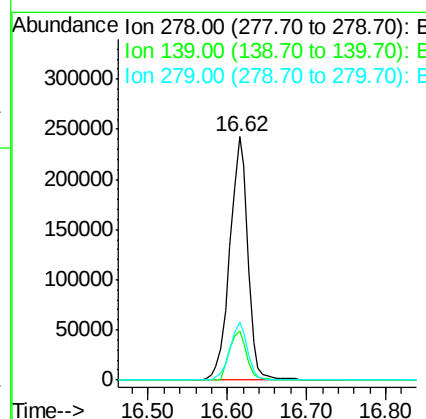
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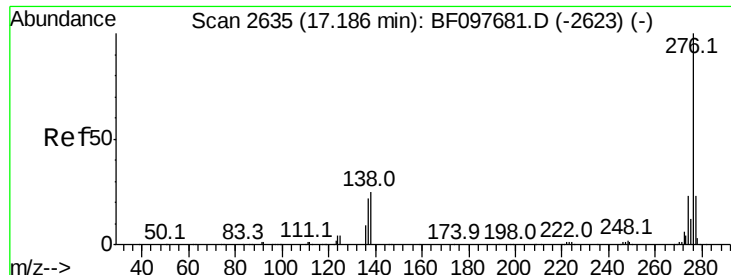
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#90
Dibenzo(a,h)anthracene
Concen: 41.088 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BF098355.D
Acq: 8 Sep 2017 17:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	16.6	24.8
279	24.0	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 36.553 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. 0.01 min
 Lab File: BF098355.D
 Acq: 8 Sep 2017 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB102130BSD

Tot Ion:	276	Resp:	356765
Ion Ratio	Lower	Upper	
276	100		
277	22.6	18.6	28.0
138	27.3	25.4	38.0

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