

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
 Data File : BF098202.D
 Acq On : 31 Aug 2017 18:48
 Operator : SJ/JU
 Sample : PB101939BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Manual Integrations
 APPROVED

Sohil
 9/1/2017 5:29:13 PM

Quant Time: Sep 01 02:53:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	109778	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	440677	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	207152	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	400383	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	286894	20.00	ng	-0.03
86) Perylene-d12	15.28	264	216629	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	860416	119.22	ng	-0.02
7) Phenol-d6	6.36	99	1155685	117.85	ng	-0.02
23) Nitrobenzene-d5	7.29	82	715179	88.16	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	244566	136.07	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1119271	79.38	ng	-0.03
78) Terphenyl-d14	12.82	244	993819	72.24	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	133025	33.050	ng	89
3) Pyridine	3.16	79	387882	34.860	ng	85
4) n-Nitrosodimethylamine	3.12	42	141777	33.115	ng	# 70
6) Aniline	6.38	93	342706	24.878	ng	# 78
8) 2-Chlorophenol	6.50	128	301652	39.632	ng	97
9) Benzaldehyde	6.26	77	111100	17.887	ng	90
10) Phenol	6.37	94	425110	37.067	ng	97
11) bis(2-Chloroethyl)ether	6.46	93	331596	38.308	ng	97
12) 1,3-Dichlorobenzene	6.66	146	302743	36.978	ng	# 93
13) 1,4-Dichlorobenzene	6.73	146	304127	36.525	ng	# 92
14) 1,2-Dichlorobenzene	6.89	146	284299	37.029	ng	99
15) Benzyl Alcohol	6.86	79	290226	39.531	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	432653	37.149	ng	91
17) 2-Methylphenol	6.98	107	274807	40.971	ng	96
18) Hexachloroethane	7.23	117	123035	37.689	ng	# 81
19) n-Nitroso-di-n-propylamine	7.14	70	242776	36.166	ng	89
20) 3+4-Methylphenols	7.13	107	329595	40.232	ng	96
22) Acetophenone	7.13	105	435714	37.427	ng	# 91
24) Nitrobenzene	7.30	77	374492	41.462	ng	94
25) Isophorone	7.55	82	680637	40.352	ng	97
26) 2-Nitrophenol	7.62	139	155724	47.634	ng	# 85
27) 2,4-Dimethylphenol	7.66	122	278539	39.595	ng	94
28) bis(2-Chloroethoxy)methane	7.76	93	433317	39.075	ng	99
29) 2,4-Dichlorophenol	7.86	162	241992	41.441	ng	92
30) 1,2,4-Trichlorobenzene	7.95	180	243086	37.551	ng	99
31) Naphthalene	8.03	128	872979	38.158	ng	100
32) Benzoic acid	7.80	122	158750	33.244	ng	86
33) 4-Chloroaniline	8.07	127	169737	17.592	ng	98
34) Hexachlorobutadiene	8.14	225	140197	37.093	ng	97
35) Caprolactam	8.45	113	87108m	43.879	ng	
36) 4-Chloro-3-methylphenol	8.56	107	299393	39.905	ng	# 78
37) 2-Methylnaphthalene	8.72	142	574552	40.963	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	230876	36.316	ng	# 97
40) Hexachlorocyclopentadiene	8.87	237	247066	80.895	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	164872	38.628	nq	98
43) 2,4,5-Trichlorophenol	9.04	196	172555	40.751	nq	97
45) 1,1'-Biphenyl	9.18	154	677613	35.871	nq	97
46) 2-Chloronaphthalene	9.20	162	499726	35.803	nq #	91
47) 2-Nitroaniline	9.30	65	192321	41.102	nq	99
48) Acenaphthylene	9.62	152	831167	37.921	nq	100
49) Dimethylphthalate	9.49	163	610243	40.301	nq	99
50) 2,6-Dinitrotoluene	9.55	165	130258	43.096	nq #	63
51) Acenaphthene	9.79	154	489506	35.411	nq	99
52) 3-Nitroaniline	9.71	138	93853	24.067	nq	84
53) 2,4-Dinitrophenol	9.83	184	124851	85.970	nq #	73
54) Dibenzofuran	9.96	168	735847	39.718	nq	99
55) 4-Nitrophenol	9.89	139	217096	69.788	nq #	47
56) 2,4-Dinitrotoluene	9.95	165	168789	44.498	nq #	51
57) Fluorene	10.30	166	550456	38.429	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	142033	43.324	nq	94
59) Diethylphthalate	10.19	149	631986	39.911	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	263025	39.526	nq #	85
61) 4-Nitroaniline	10.33	138	150968	40.732	nq	77
62) Azobenzene	10.46	77	753627	40.067	nq	93
64) 4,6-Dinitro-2-methylphenol	10.36	198	86573	46.252	nq #	71
65) n-Nitrosodiphenylamine	10.42	169	512805	37.612	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	163965	39.436	nq	94
67) Hexachlorobenzene	10.85	284	159798	37.708	nq #	90
68) Atrazine	10.95	200	162653	44.984	nq	97
69) Pentachlorophenol	11.05	266	166460	67.369	nq	100
70) Phenanthrene	11.26	178	820319	38.449	nq	100
71) Anthracene	11.32	178	836469	38.654	nq	99
72) Carbazole	11.47	167	784709	38.203	nq	98
73) Di-n-butylphthalate	11.80	149	1023361	43.253	nq	99
74) Fluoranthene	12.44	202	865406	38.861	nq	97
76) Benzidine	12.57	184	327984m	34.867	nq	
77) Pyrene	12.67	202	873823	37.240	nq	99
79) Butylbenzylphthalate	13.30	149	404873	45.004	nq #	76
80) Benzo(a)anthracene	13.86	228	618042	35.944	nq	99
81) 3,3'-Dichlorobenzidine	13.82	252	119455	20.588	nq #	95
82) Chrysene	13.90	228	605884	35.422	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	492706	49.424	nq #	100
84) Di-n-octyl phthalate	14.46	149	838607	48.347	nq	98
85) Indeno(1,2,3-cd)pyrene	16.66	276	527207	41.899	nq	95
87) Benzo(b)fluoranthene	14.88	252	516740	37.843	nq	98
88) Benzo(k)fluoranthene	14.91	252	518660	40.430	nq #	94
89) Benzo(a)pyrene	15.22	252	489623	40.504	nq	100
90) Dibenzo(a,h)anthracene	16.67	278	435253	44.227	nq	99
91) Benzo(g,h,i)perylene	17.07	276	451191	43.939	nq	94

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

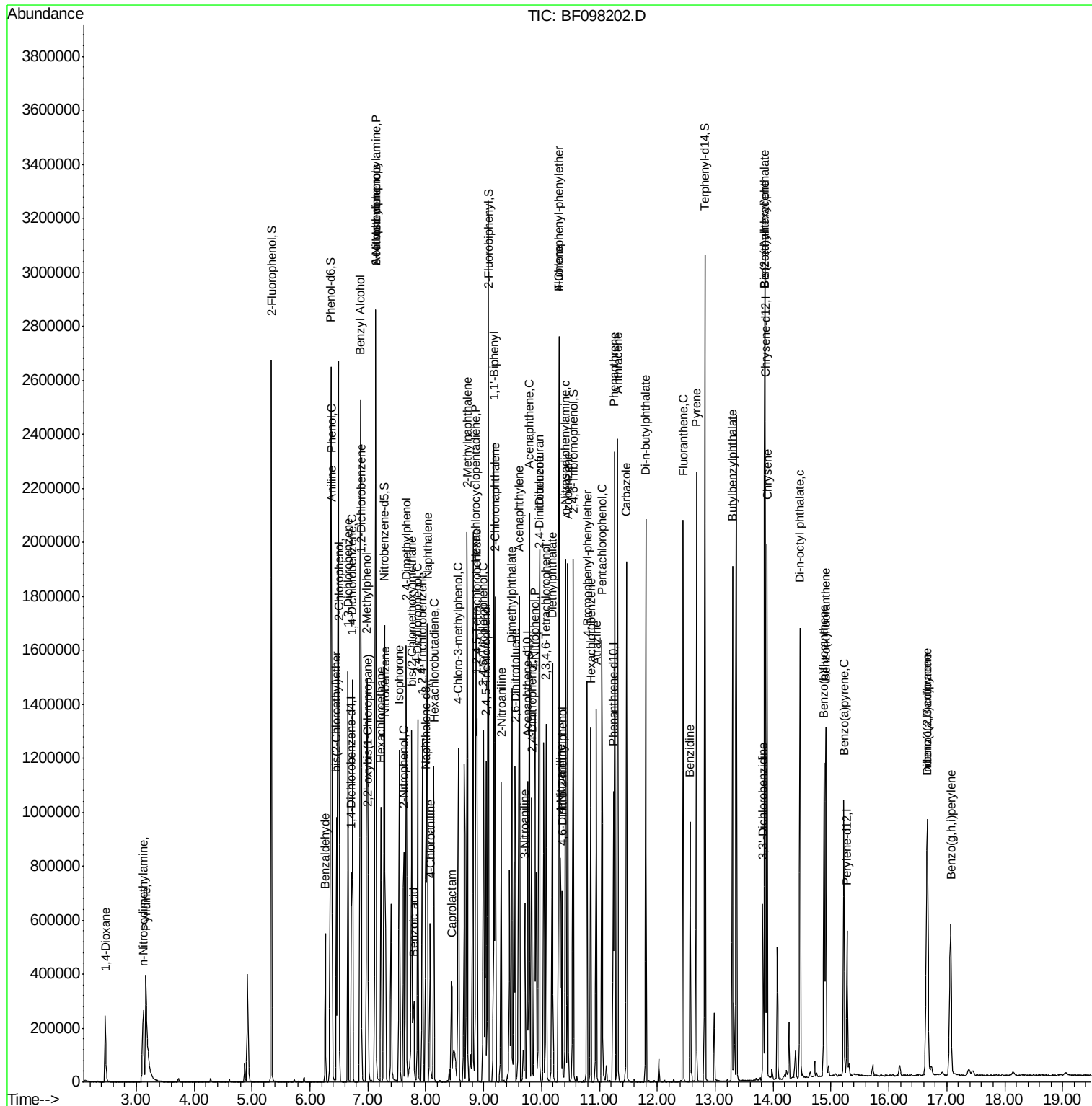
Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
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ALS Vial : 5 Sample Multiplier: 1

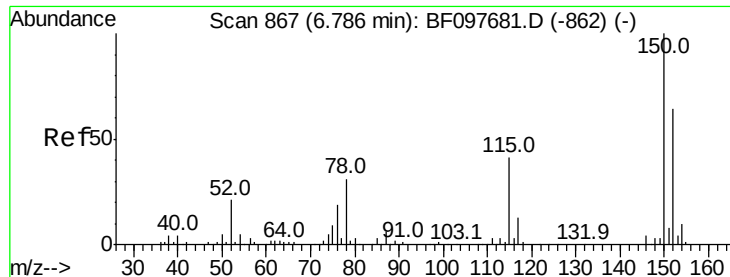
Instrument :
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#1

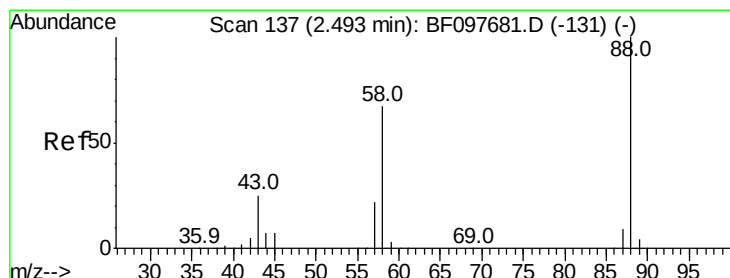
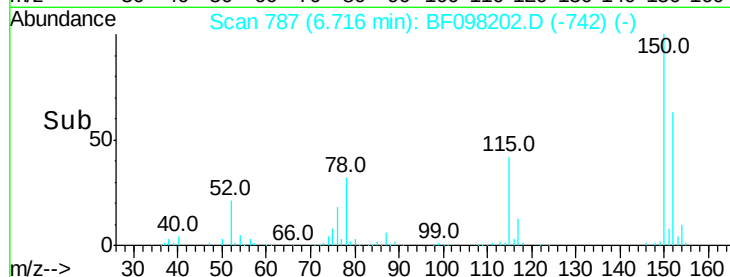
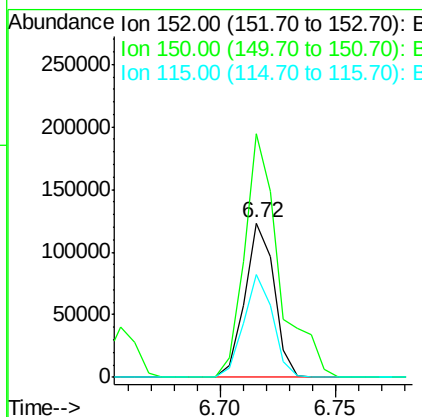
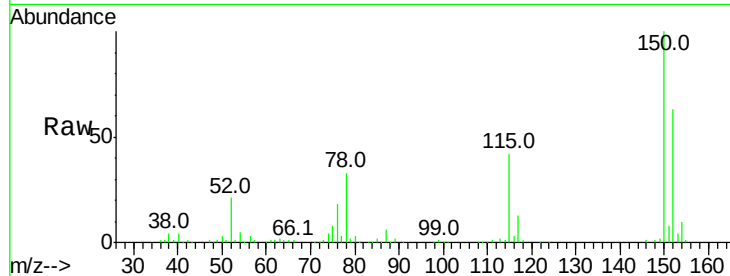
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.04 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Instrument :
BNA_F
ClientSampleId :
PB101939BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.2	189.2
115	66.4	52.2	78.2

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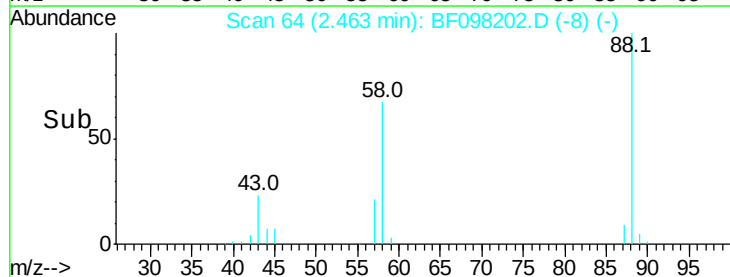
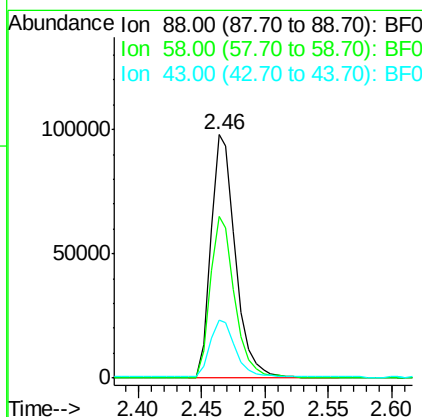
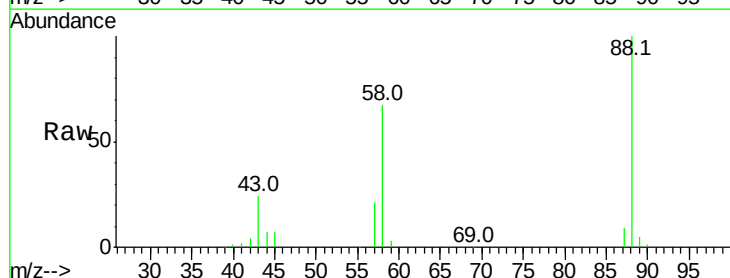
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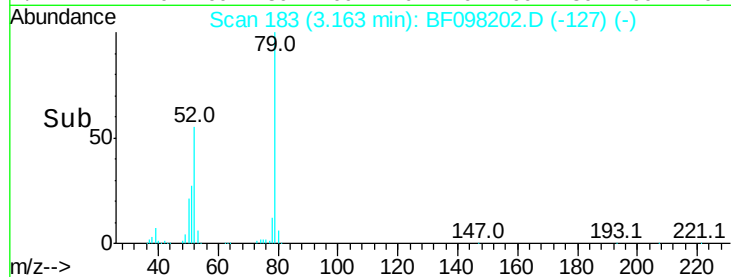
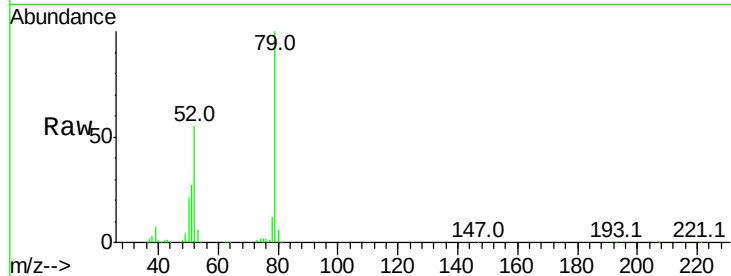
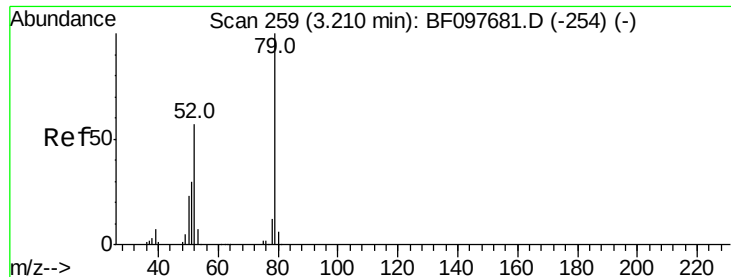


#2

1,4-Dioxane
Concen: 33.050 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.03 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.3	61.4	92.0
43	24.0	23.4	35.0





#3

Pvridine

Concen: 34.860 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.03 min

Lab File: BF098202.D

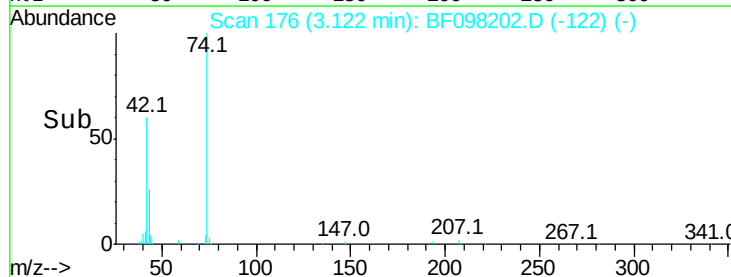
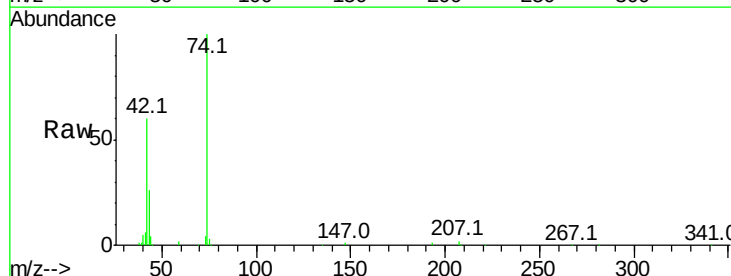
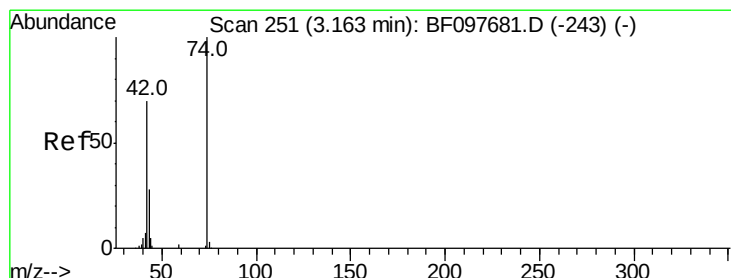
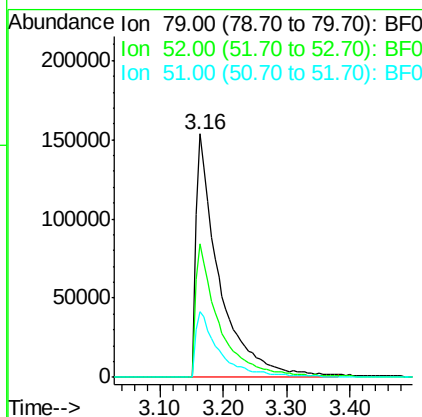
Acq: 31 Aug 2017 18:48

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.0	54.8	82.2
51	27.1	27.0	40.4

Instrument :
BNA_F
ClientSampleId :
PB101939BSD

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.115 ng

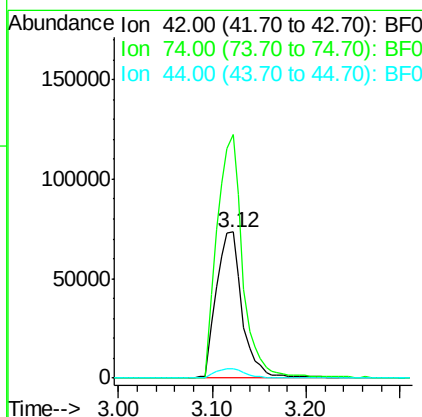
RT: 3.12 min Scan# 176

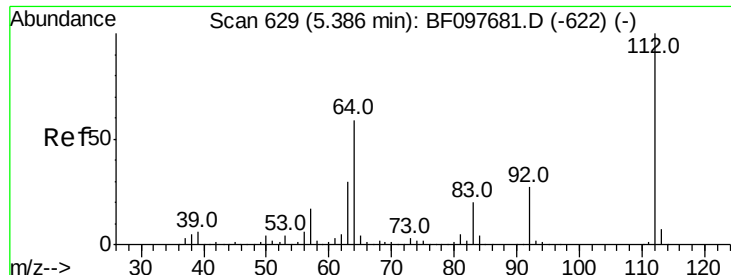
Delta R.T. 0.02 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	166.5	103.9	155.9#
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 119.218 ng

RT: 5.33 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

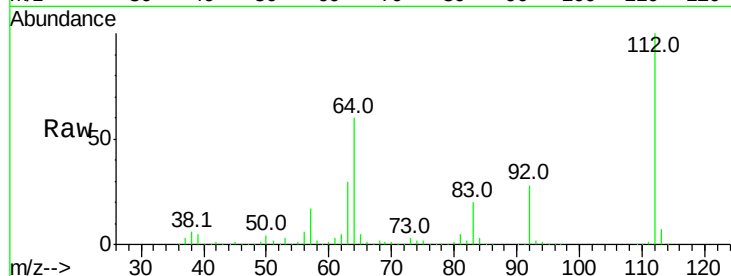
ClientSampleId :

PB101939BSD

Tot Ion:	112	Resp:	860416
Ion Ratio	Lower	Upper	
112	100		
64	60.3	46.0	69.0
63	29.8	23.4	35.0

Manual Integrations
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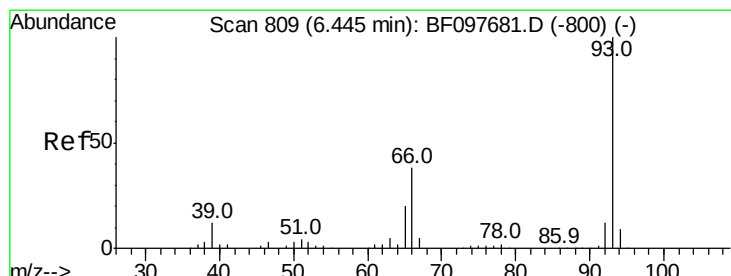
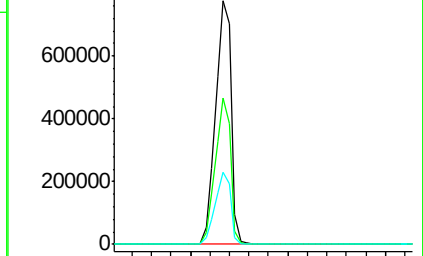
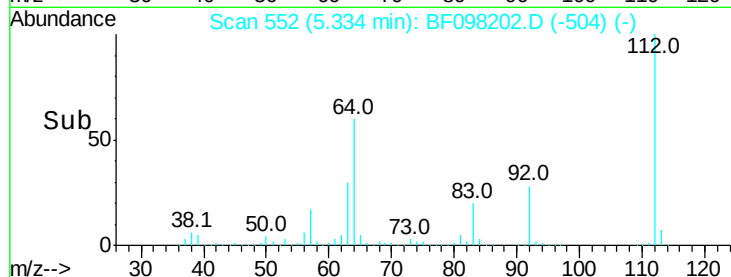
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.878 ng

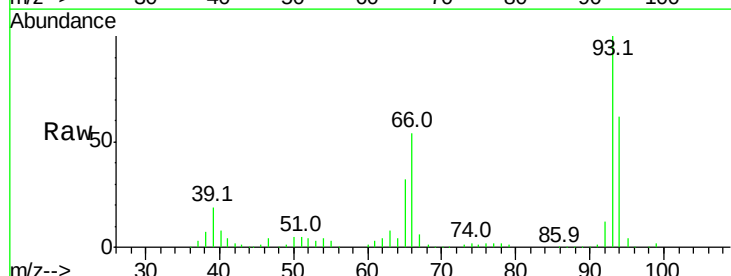
RT: 6.38 min Scan# 730

Delta R.T. -0.04 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

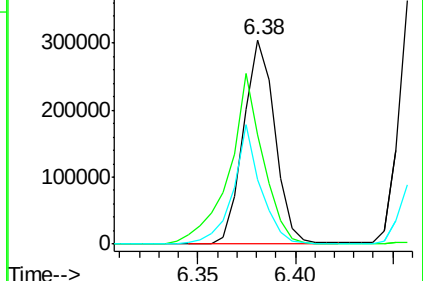
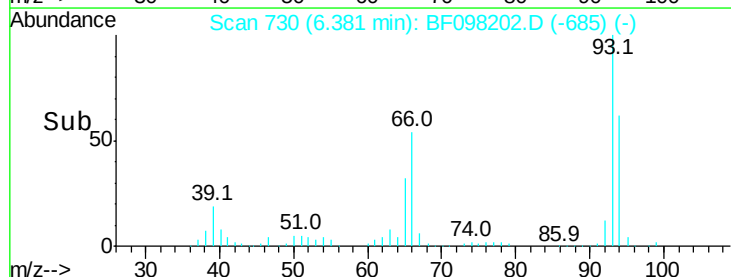
Tgt Ion:	93	Resp:	342706
Ion Ratio	Lower	Upper	
93	100		
66	53.7	32.9	49.3#
65	31.8	16.0	24.0#

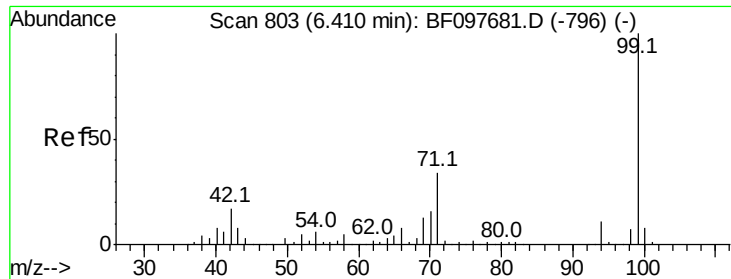


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.855 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

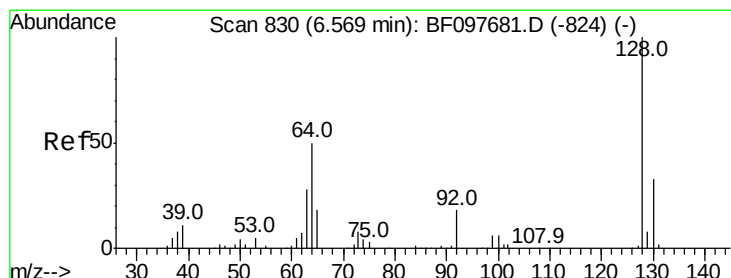
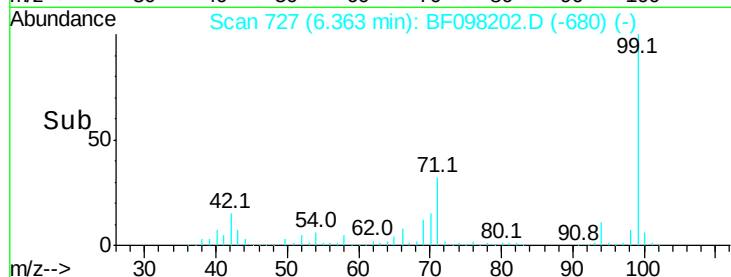
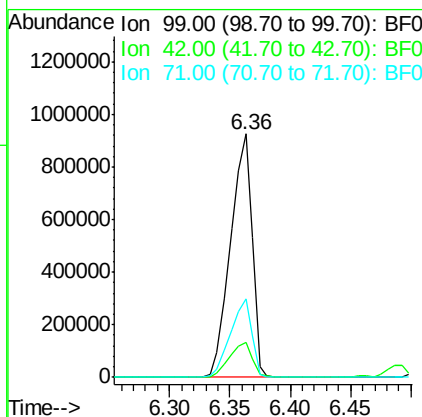
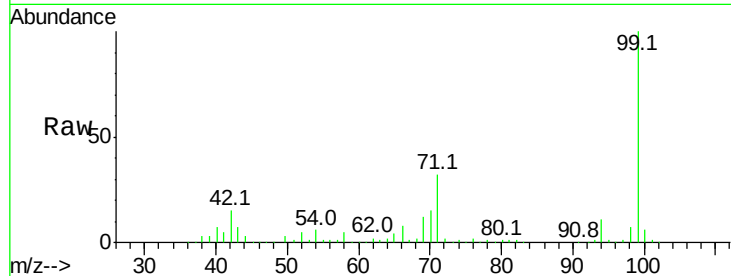
ClientSampleId :

PB101939BSD

Tot Ion:	99	Resp:	1155685
Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.5	20.3
71	32.0	24.5	36.7

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#8

2-Chlorophenol

Concen: 39.632 ng

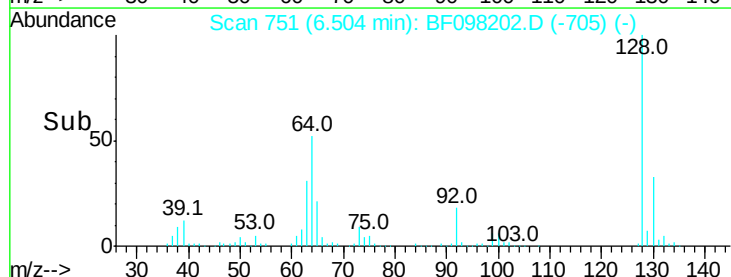
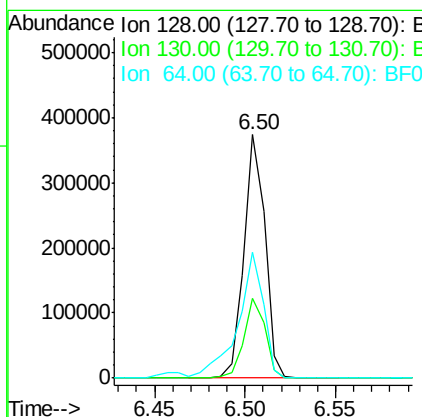
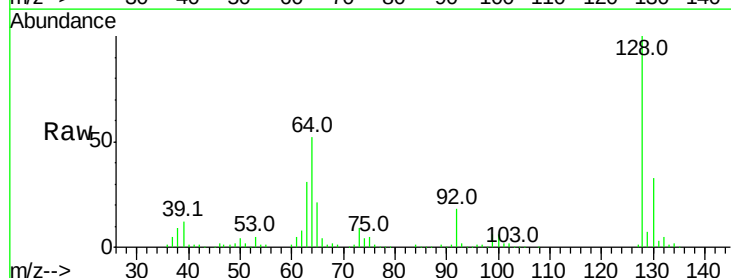
RT: 6.50 min Scan# 751

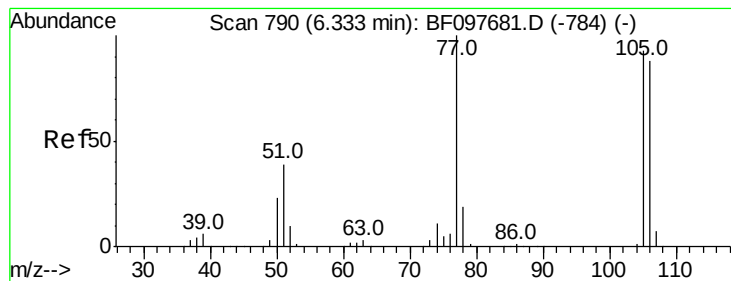
Delta R.T. -0.03 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Tgt Ion:	128	Resp:	301652
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	51.8	28.4	68.4





#9

Benzaldehyde

Concen: 17.887 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.04 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

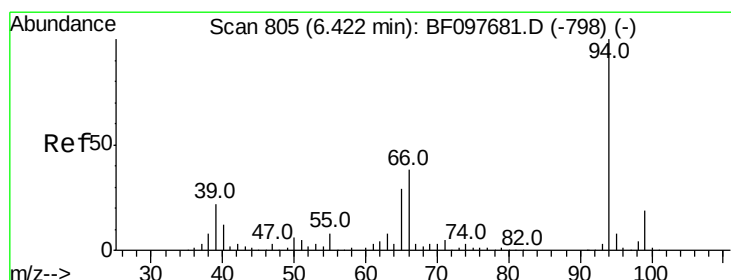
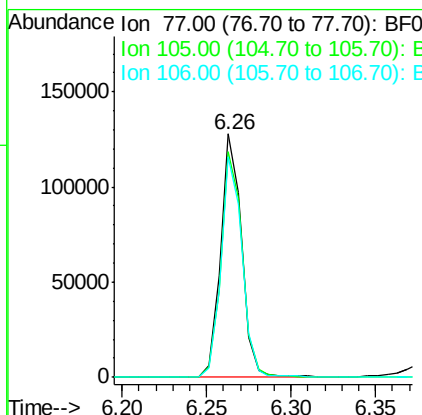
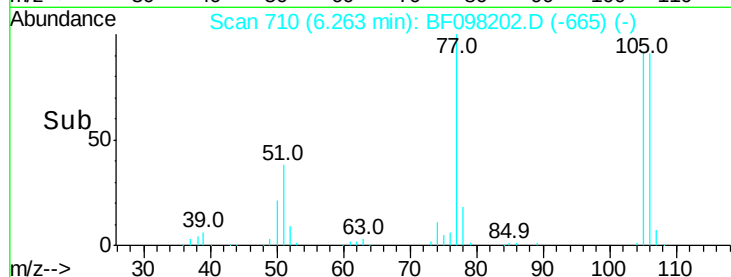
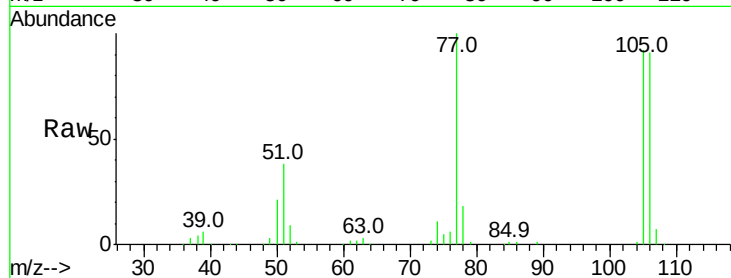
ClientSampleId :

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Tot Ion:	77	Resp:	111100
Ion Ratio	Lower	Upper	
77	100		
105	92.5	83.8	123.8
106	90.7	79.1	119.1

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#10

Phenol

Concen: 37.067 ng

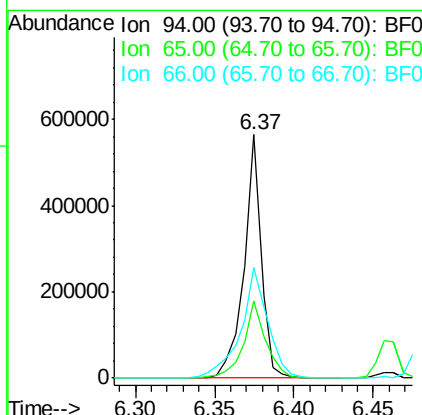
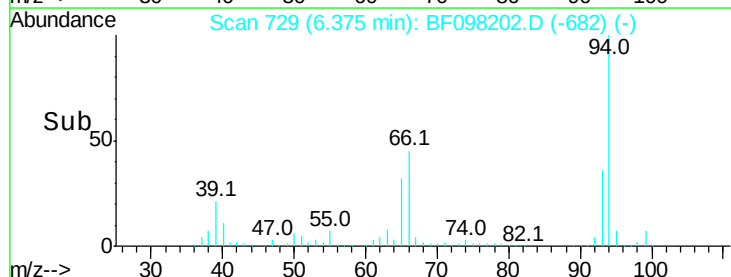
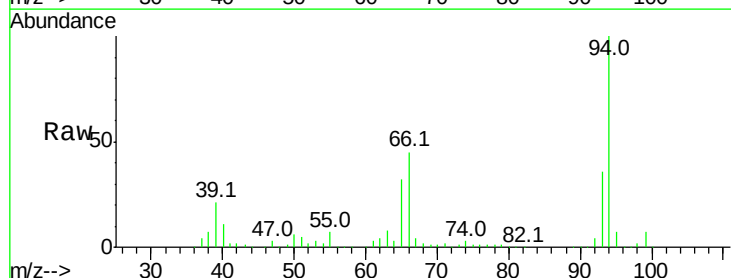
RT: 6.37 min Scan# 729

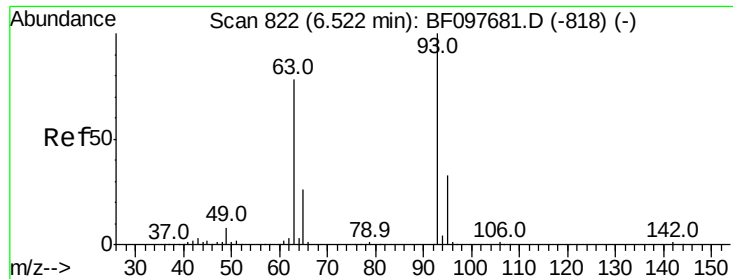
Delta R.T. -0.02 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Tgt Ion:	94	Resp:	425110
Ion Ratio	Lower	Upper	
94	100		
65	31.7	9.9	49.9
66	45.3	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 38.308 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

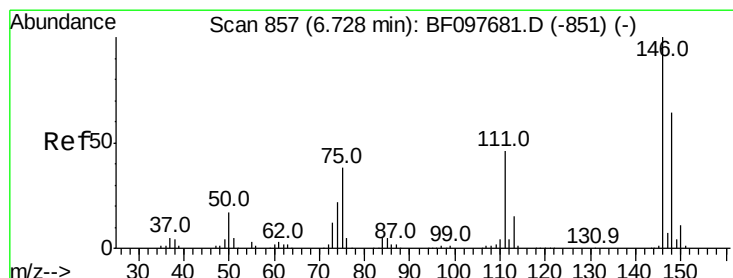
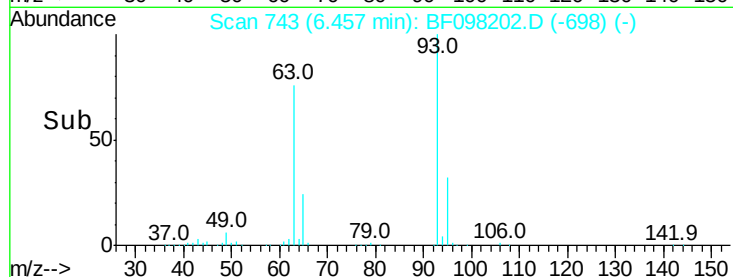
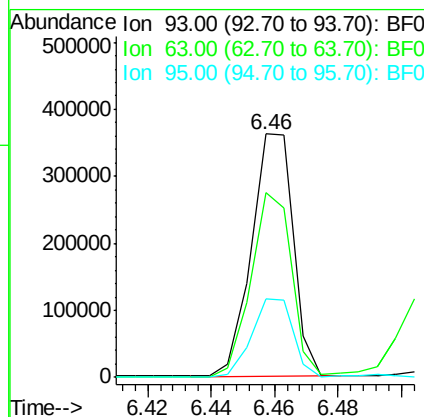
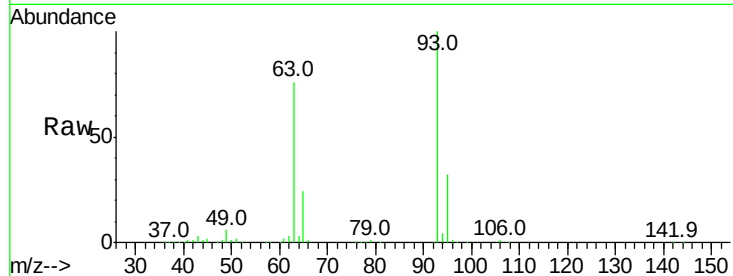
ClientSampleId :

PB101939BSD

Tot Ion:	93	Resp:	331596
Ion Ratio	Lower	Upper	
93	100		
63	75.6	59.2	99.2
95	32.5	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 36.978 ng

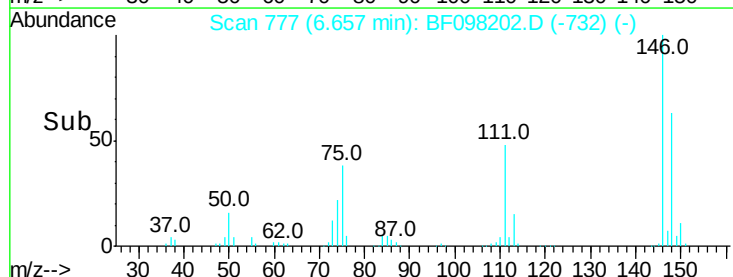
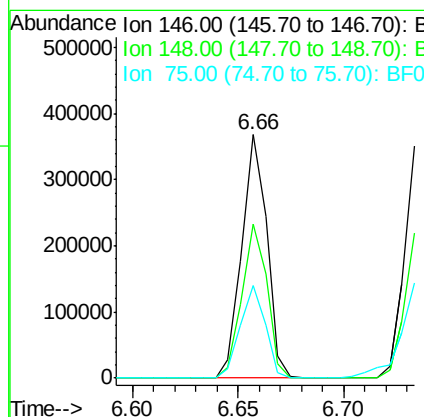
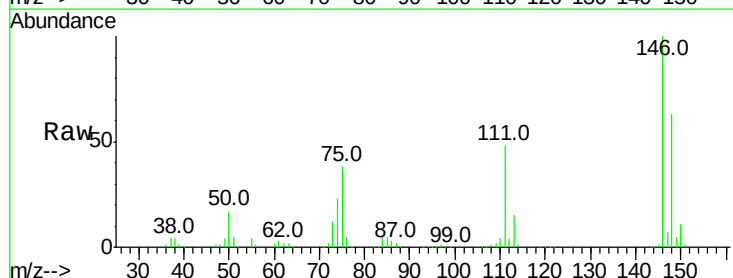
RT: 6.66 min Scan# 777

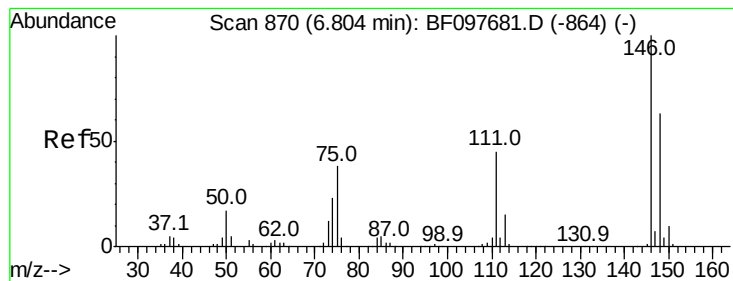
Delta R.T. -0.04 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Tgt Ion:	146	Resp:	302743
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.8	77.6
75	38.2	23.1	34.7#





#13

1,4-Dichlorobenzene

Concen: 36.525 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.04 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

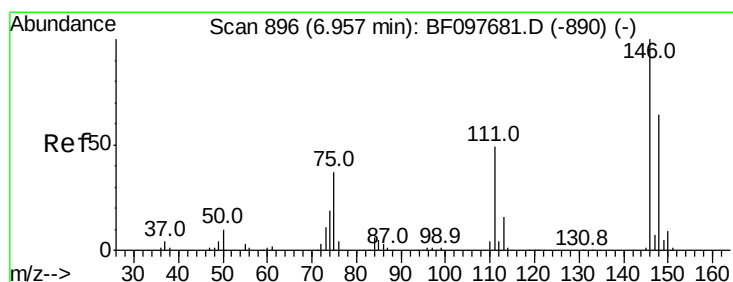
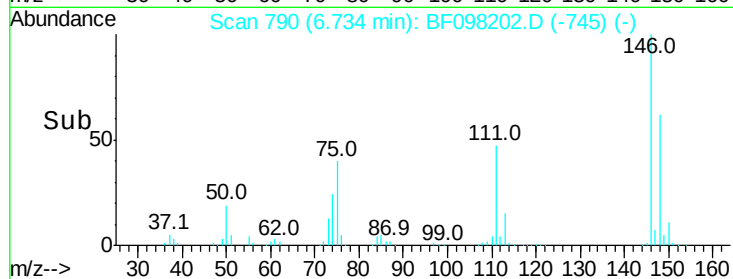
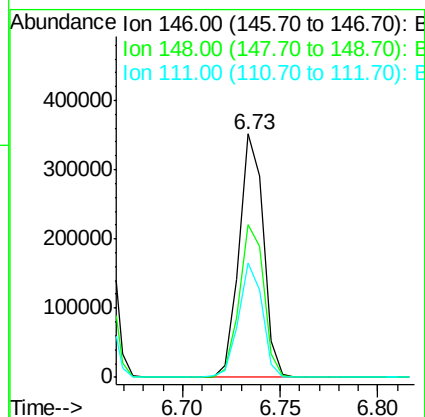
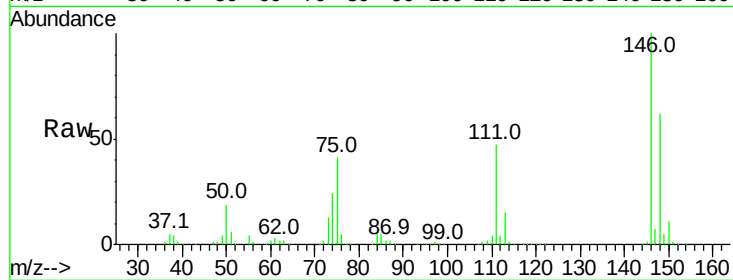
ClientSampleId :

PB101939BSD

Tot Ion:	146	Resp:	304127
Ion Ratio	Lower	Upper	
146	100		
148	62.5	52.2	78.2
111	46.8	30.3	45.5#

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.029 ng

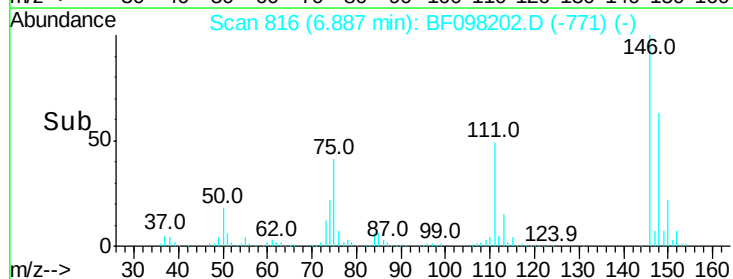
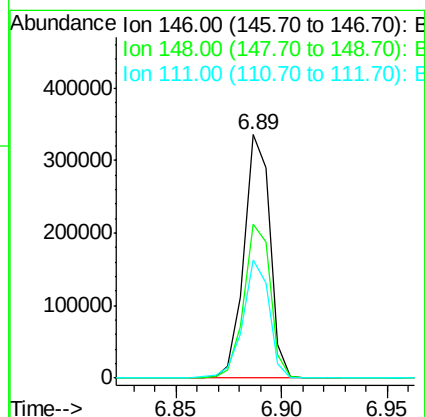
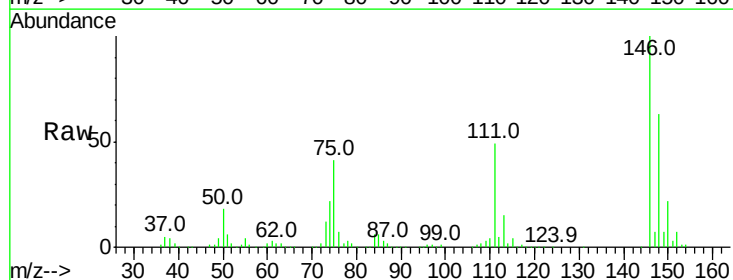
RT: 6.89 min Scan# 816

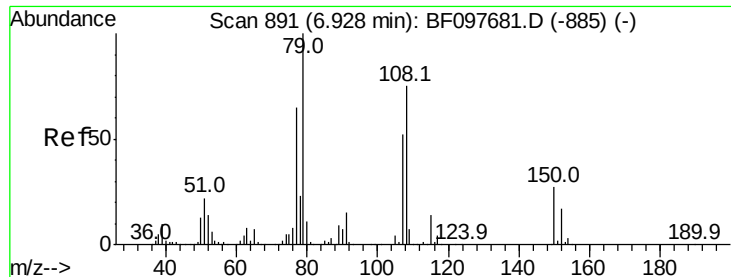
Delta R.T. -0.04 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Tgt Ion:	146	Resp:	284299
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.4	75.6
111	48.7	38.2	57.4





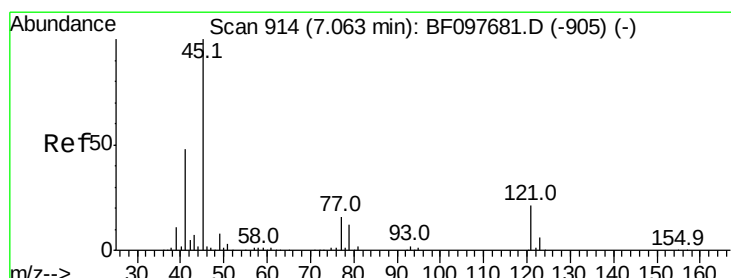
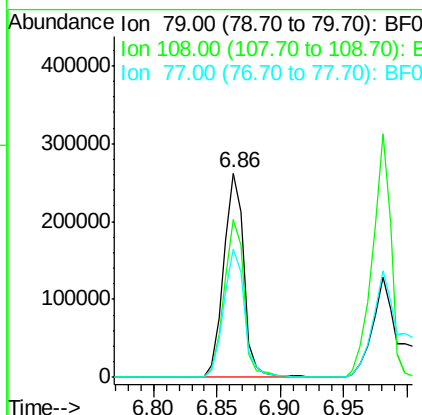
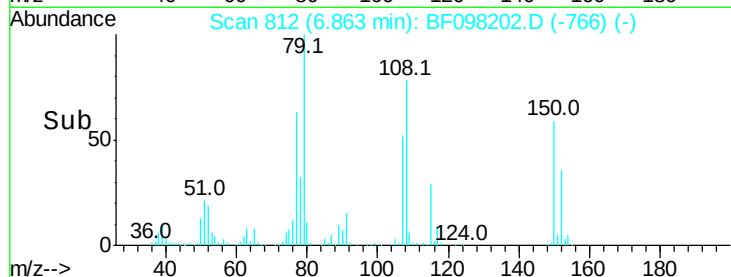
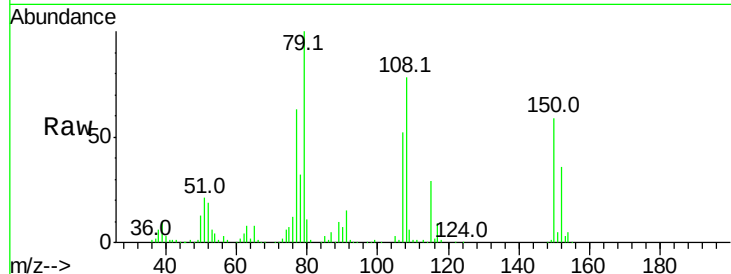
#15
Benzyl Alcohol
Concen: 39.531 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.03 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Instrument :
BNA_F
ClientSampleId :
PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.5	63.4	95.0	
77	63.1	49.2	73.8	

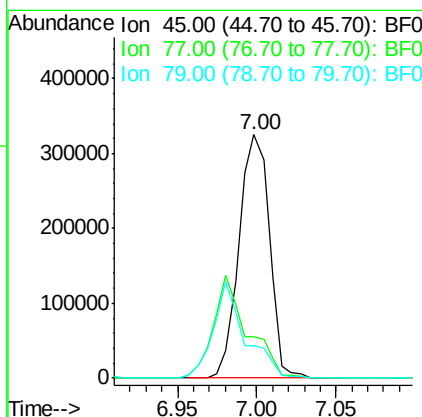
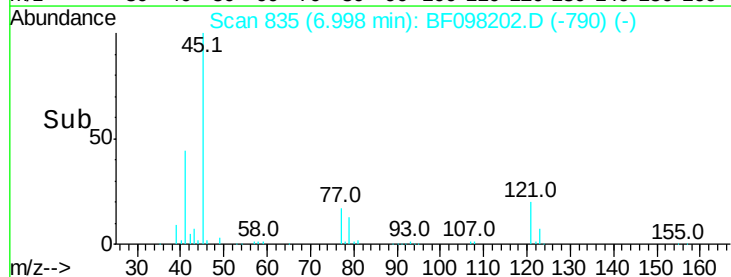
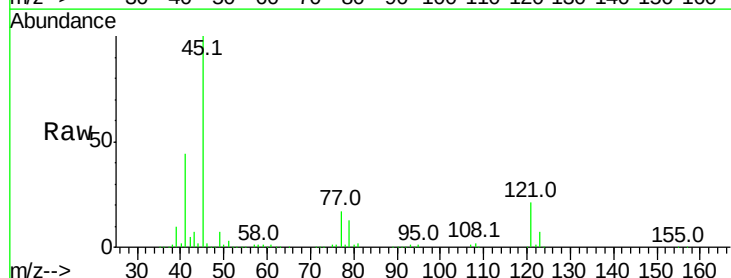
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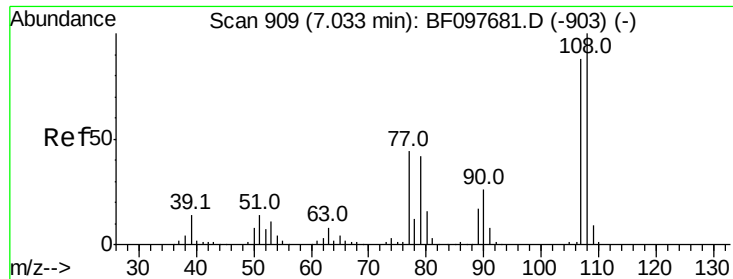
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.149 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.04 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	17.2	0.0	33.2	
79	13.1	0.0	30.0	





#17

2-Methylphenol

Concen: 40.971 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.03 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

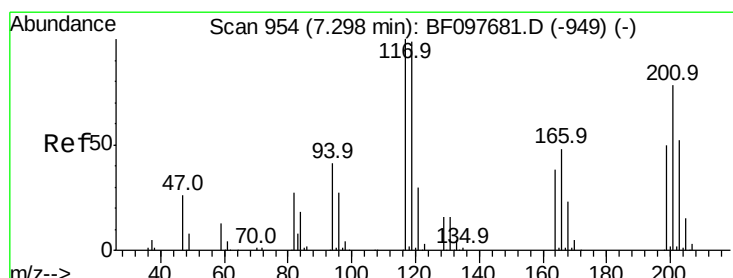
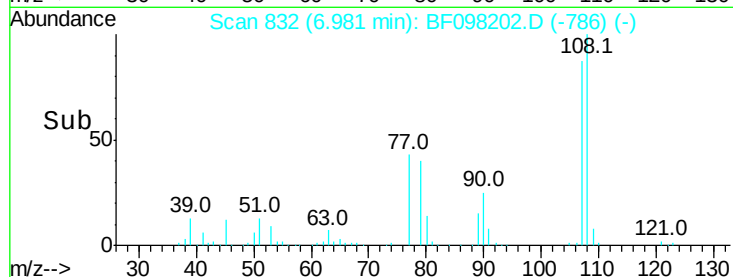
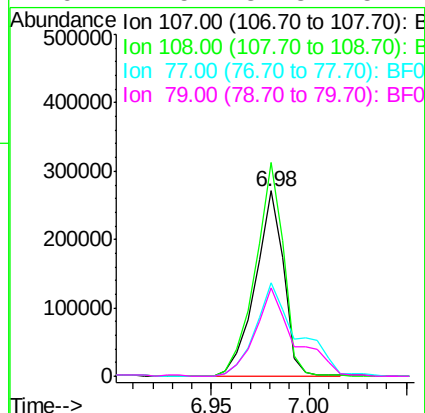
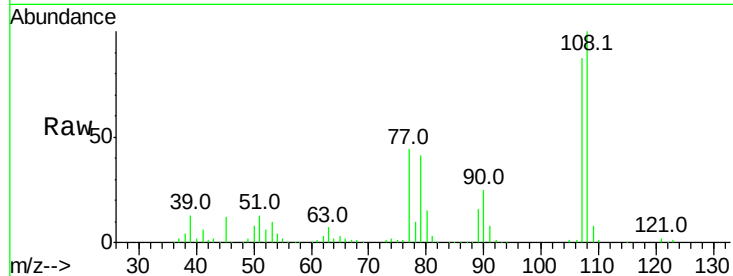
ClientSampleId :

PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	274807		
108	115.1	93.4	140.0	
77	50.4	35.8	53.6	
79	47.5	34.8	52.2	

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#18

Hexachloroethane

Concen: 37.689 ng

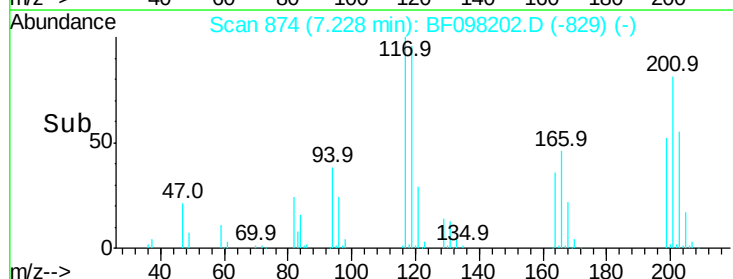
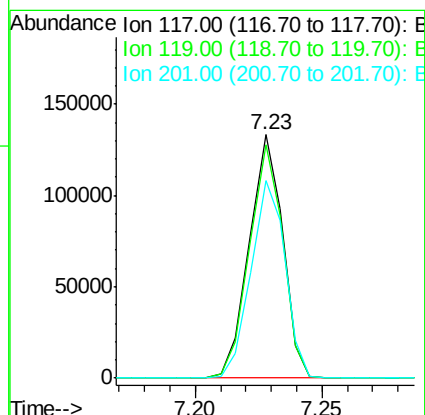
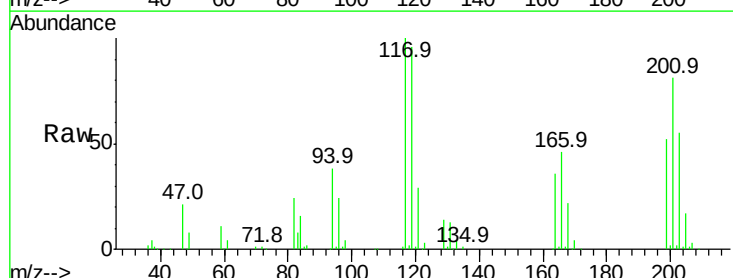
RT: 7.23 min Scan# 874

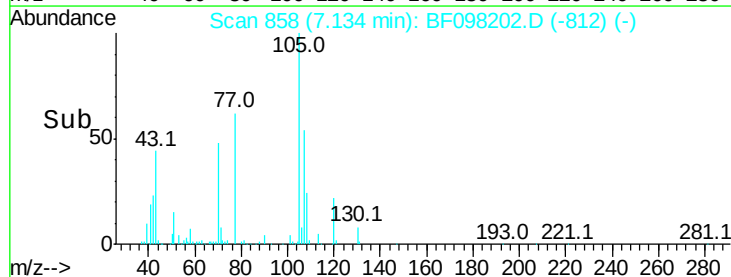
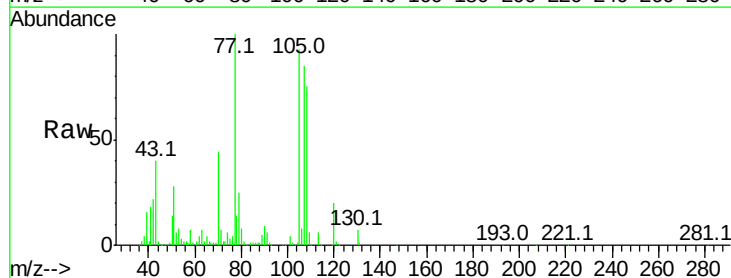
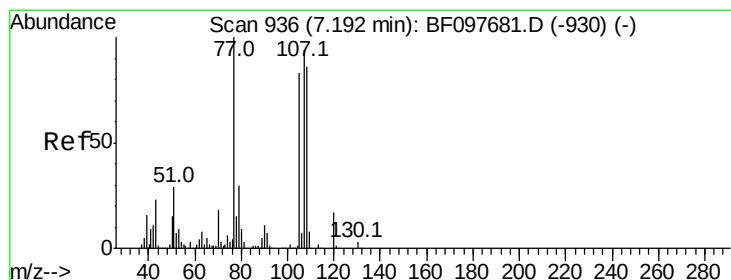
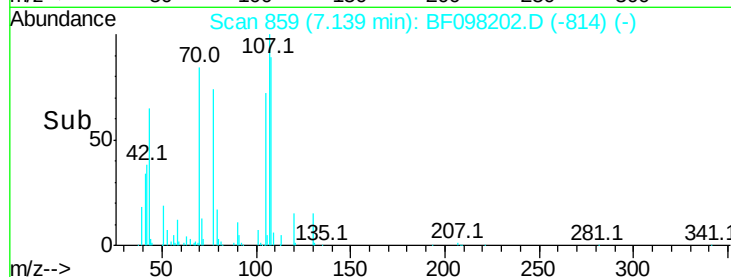
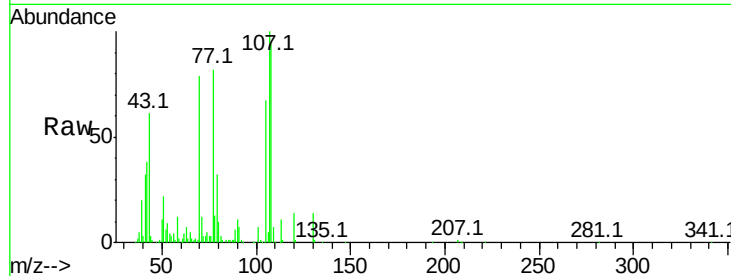
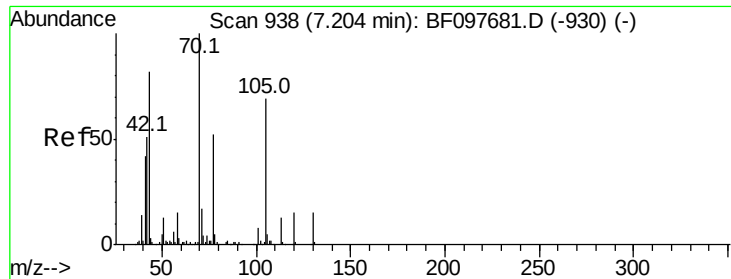
Delta R.T. -0.04 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

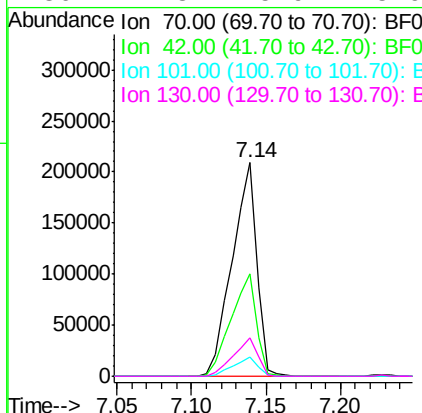
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	123035		
119	96.0	77.4	116.0	
201	81.3	94.6	141.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 36.166 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	48.2	47.2	70.8		
101	8.7	7.2	10.8		
130	17.8	15.9	23.9		



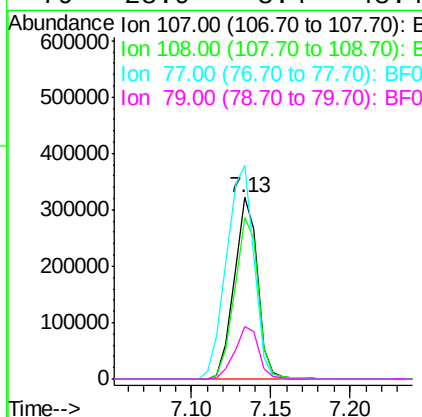
Instrument :
BNA_F
ClientSampleId :
PB101939BSD

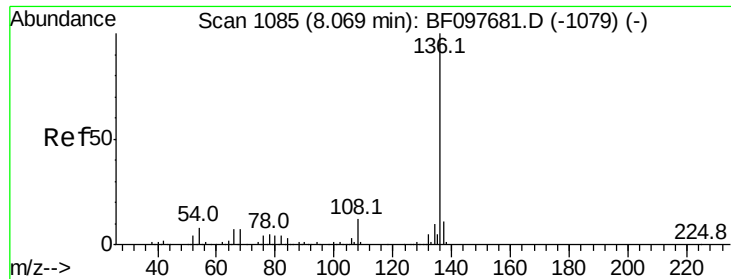
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#20
3+4-Methylphenols
Concen: 40.232 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.9	71.0	111.0		
77	117.8	90.5	130.5		
79	28.9	8.4	48.4		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

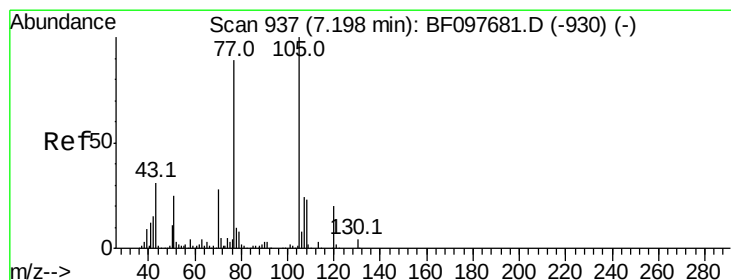
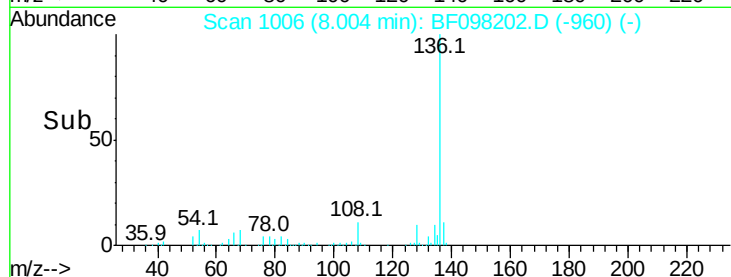
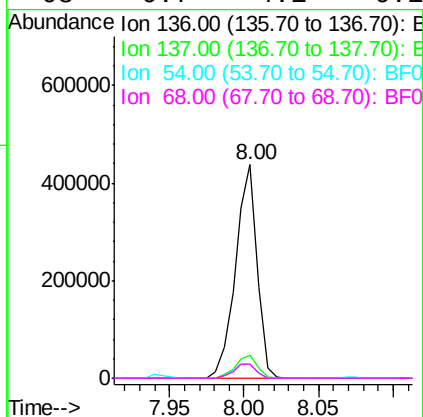
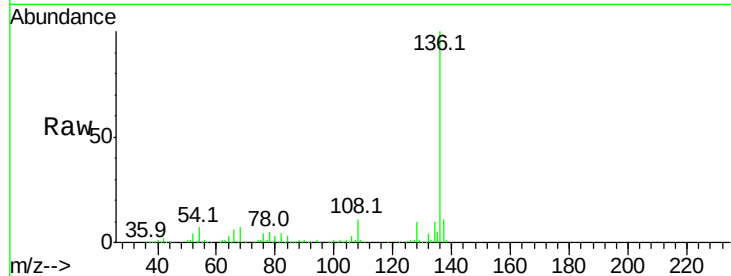
ClientSampleId :

PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	440677		
137	11.1	8.5	12.7	
54	6.9	4.9	7.3	
68	6.7	4.1	6.1	

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#22

Acetophenone

Concen: 37.427 ng

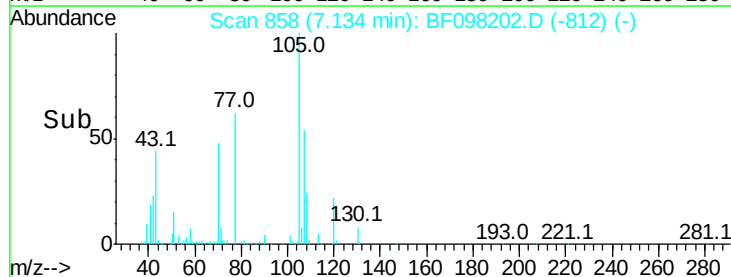
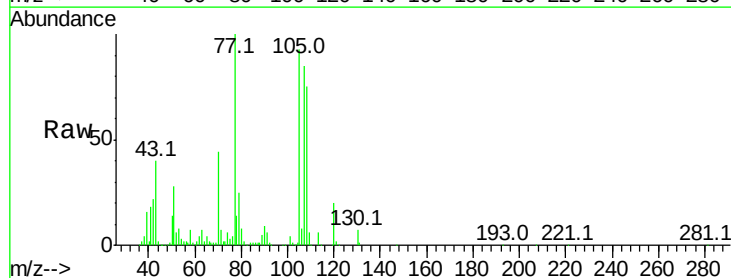
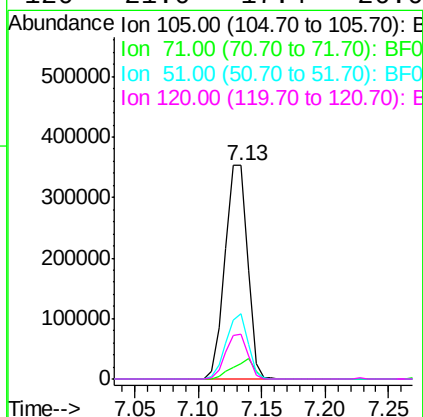
RT: 7.13 min Scan# 858

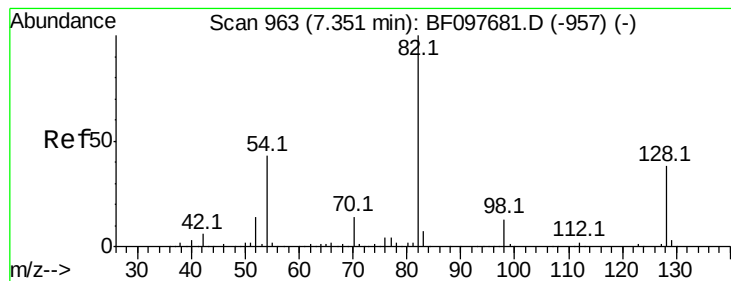
Delta R.T. -0.03 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	435714		
71	7.5	2.8	4.2	
51	30.5	30.7	46.1	
120	21.0	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 88.164 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.04 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

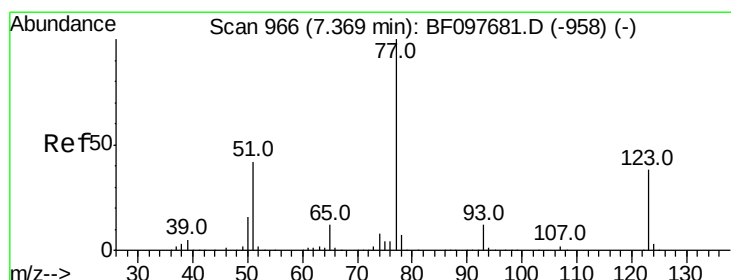
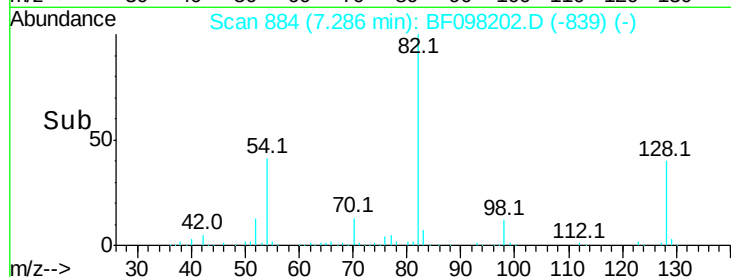
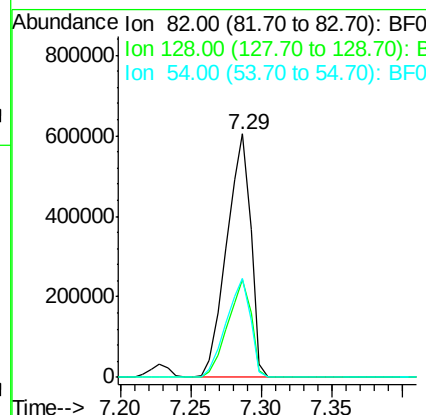
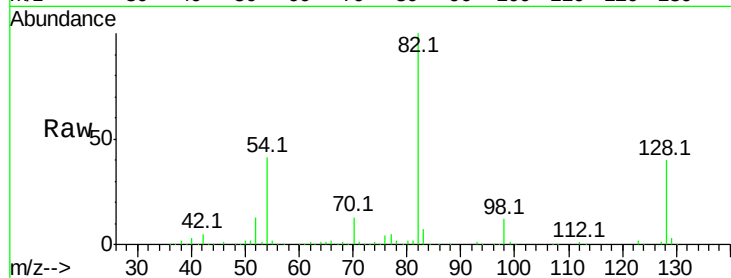
ClientSampleId :

PB101939BSD

Tot Ion	82	Resp	715179
Ion Ratio	Lower	Upper	
82	100		
128	39.9	34.0	51.0
54	40.9	42.2	63.2#

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#24

Nitrobenzene

Concen: 41.462 ng

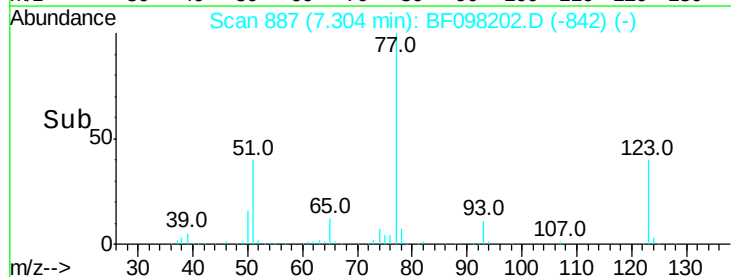
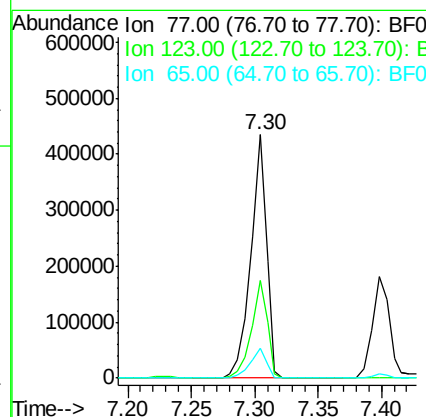
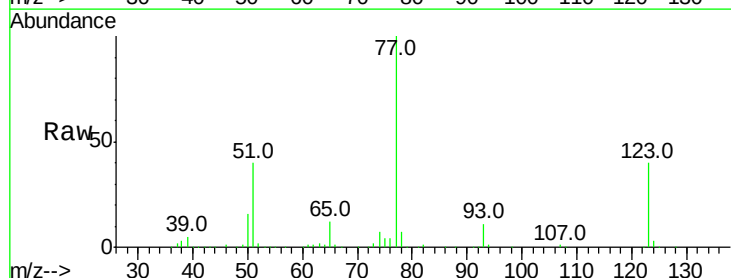
RT: 7.30 min Scan# 887

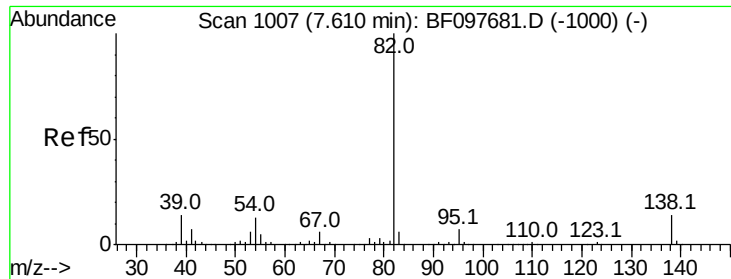
Delta R.T. -0.04 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Tgt Ion	77	Resp	374492
Ion Ratio	Lower	Upper	
77	100		
123	40.2	35.8	53.8
65	12.3	10.6	15.8





#25

Isophorone

Concen: 40.352 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.04 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

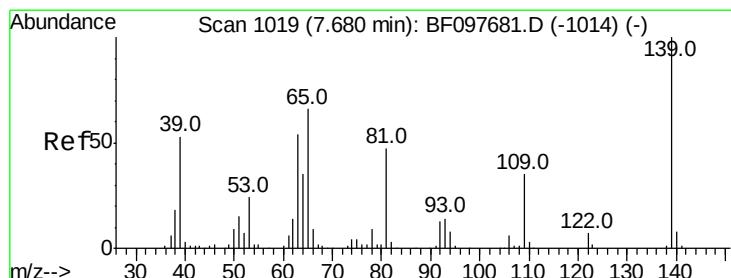
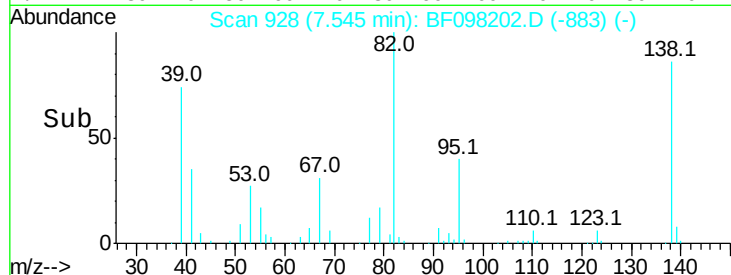
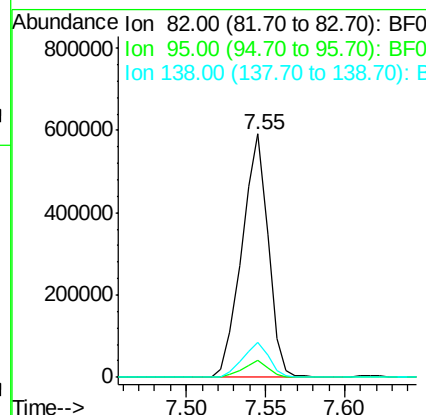
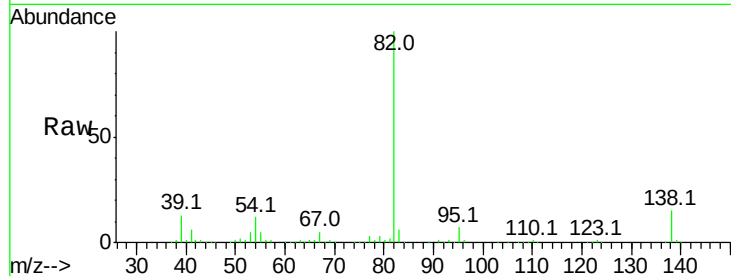
ClientSampleId :

PB101939BSD

Tot Ion:	82	Resp:	680637
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.3	7.9
138	14.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.634 ng

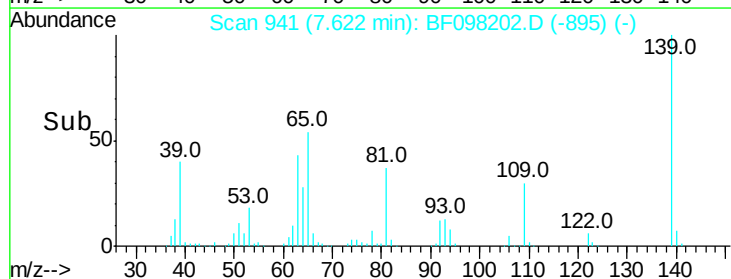
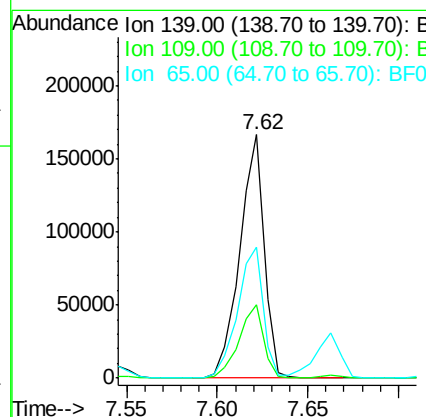
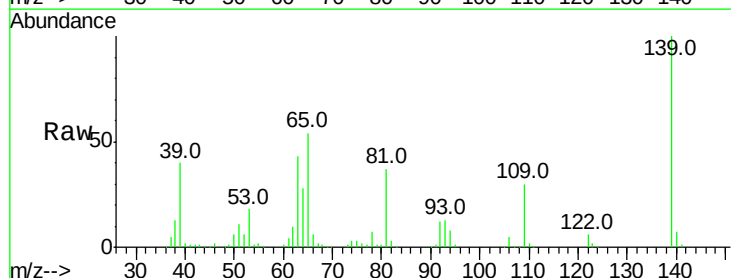
RT: 7.62 min Scan# 941

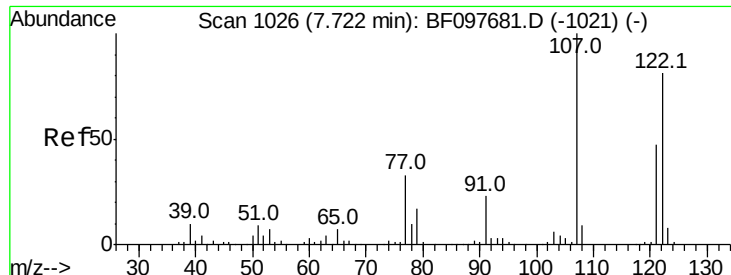
Delta R.T. -0.03 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Tgt Ion:	139	Resp:	155724
Ion Ratio		Lower	Upper
139	100		
109	29.9	21.0	31.6
65	54.0	33.0	49.6





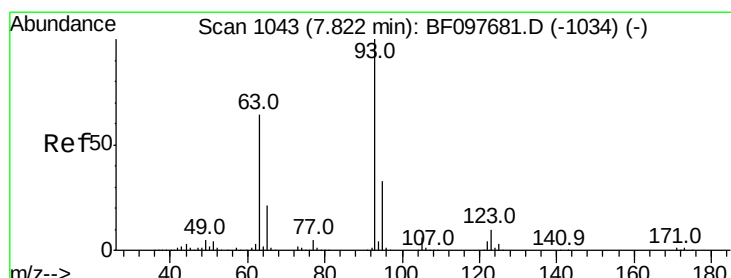
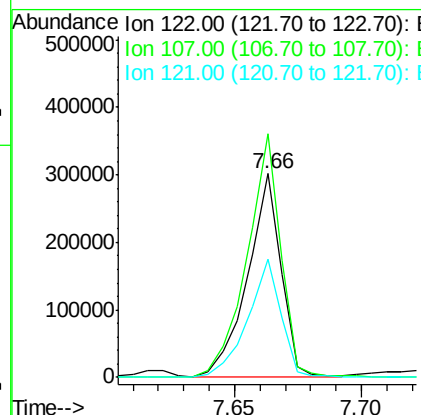
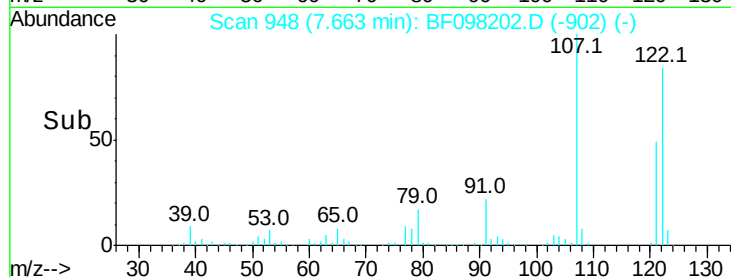
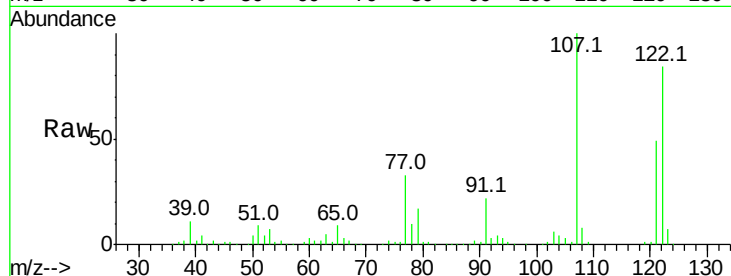
#27
 2,4-Dimethylphenol
 Concen: 39.595 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Tot Ion:	122	Resp:	278539
Ion Ratio	Lower	Upper	
122	100		
107	119.6	89.2	133.8
121	58.1	45.2	67.8

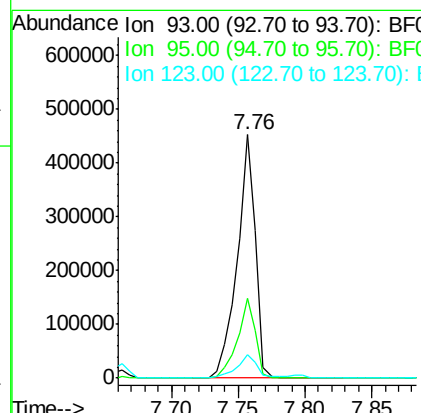
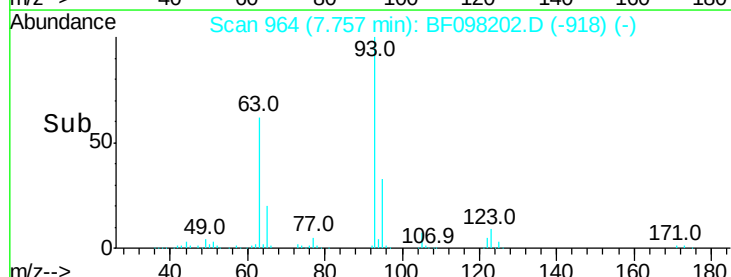
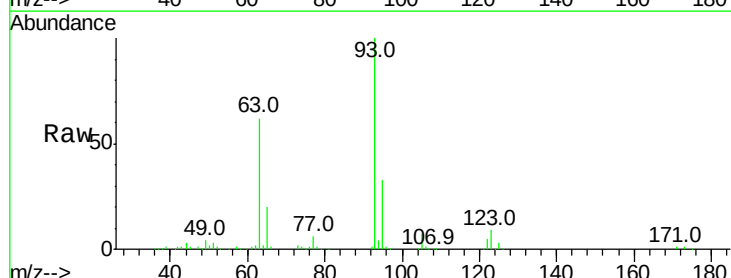
Manual Integrations
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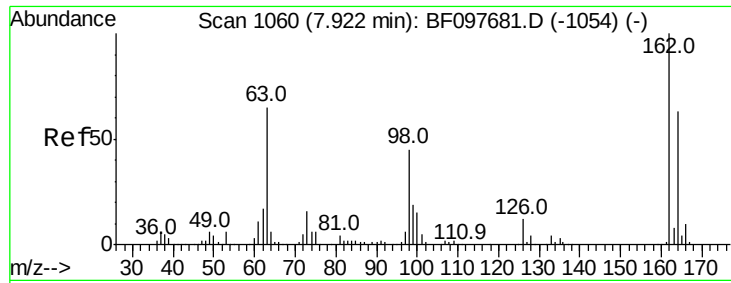
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.075 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Tgt Ion:	93	Resp:	433317
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.5	39.7
123	9.5	9.0	13.4





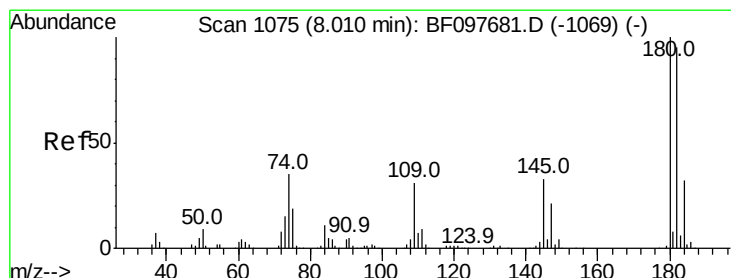
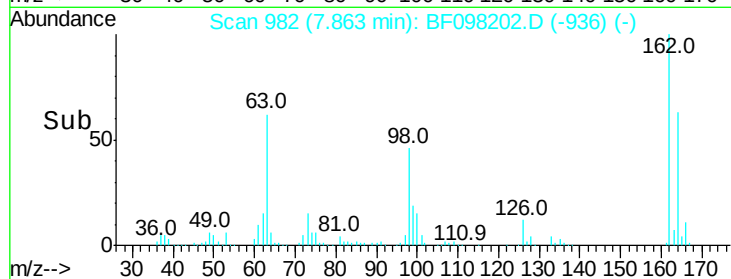
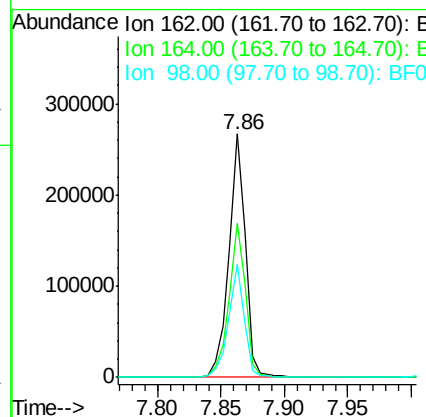
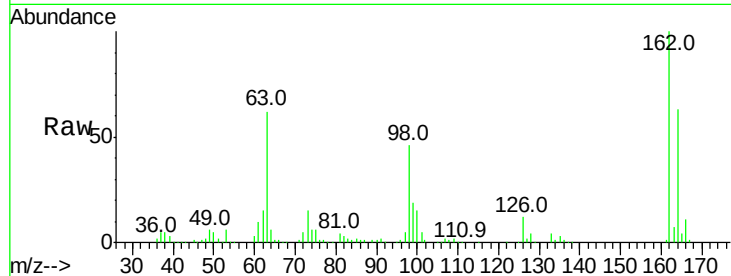
#29
 2,4-Dichlorophenol
 Concen: 41.441 ng
 RT: 7.86 min Scan# 982
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	241992		
164	63.2	44.6	84.6	
98	46.2	14.8	54.8	

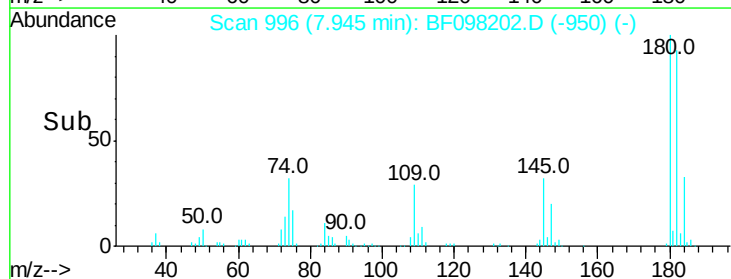
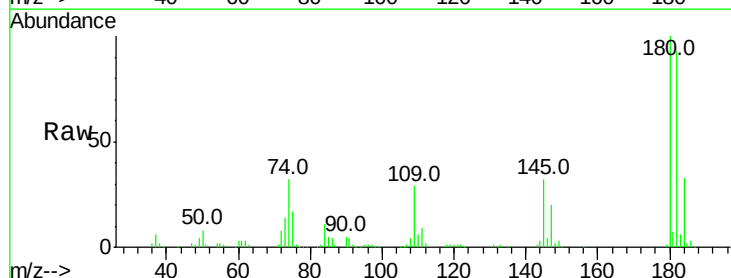
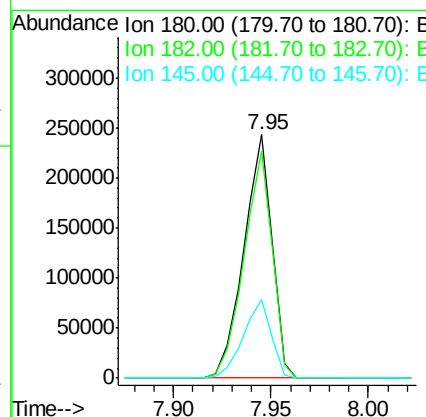
Manual Integrations
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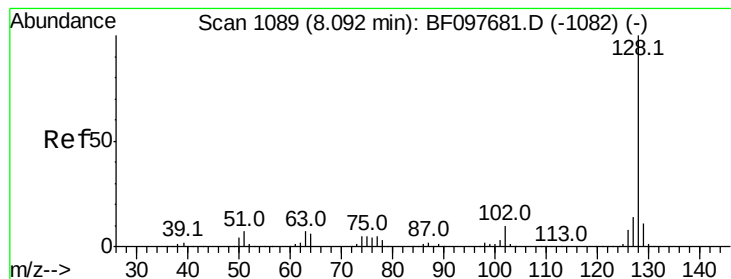
Sohil
 9/1/2017 5:29:13 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.551 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	243086		
182	93.4	75.8	113.6	
145	32.4	25.3	37.9	





#31

Naphthalene

Concen: 38.158 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.03 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

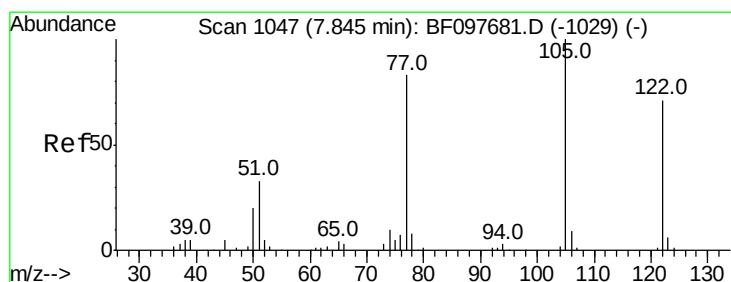
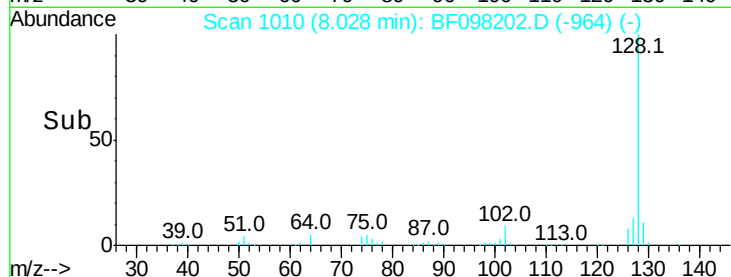
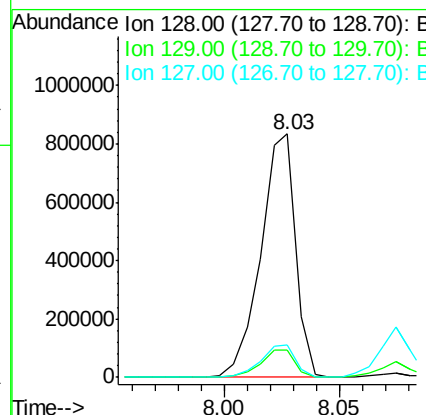
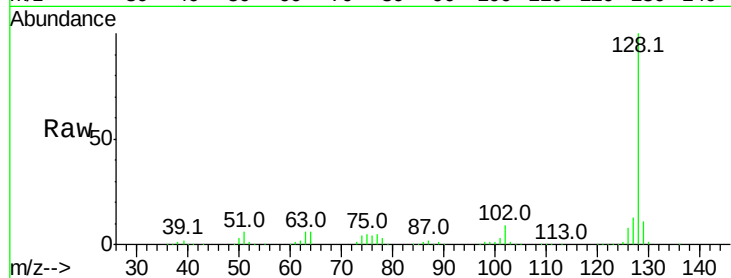
ClientSampleId :

PB101939BSD

Tot Ion:128	Resp:	872979
Ion Ratio	Lower	Upper
128 100		
129 11.1	9.0	13.6
127 13.5	10.8	16.2

Manual Integrations
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#32

Benzoic acid

Concen: 33.244 ng

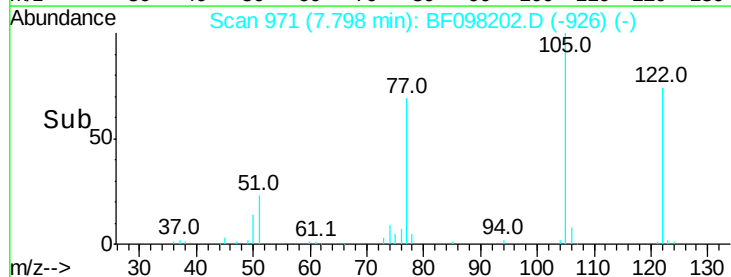
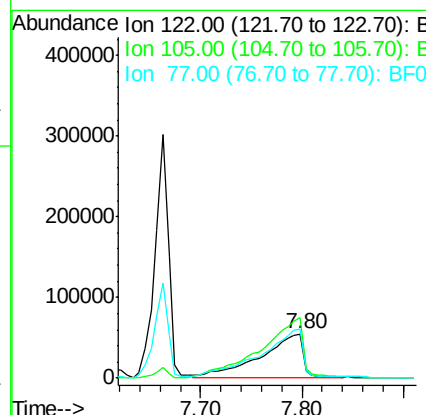
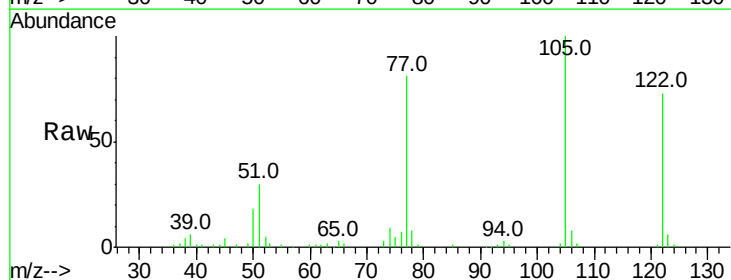
RT: 7.80 min Scan# 971

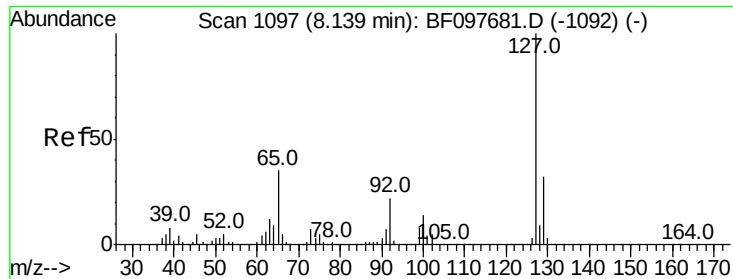
Delta R.T. -0.04 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Tgt Ion:122	Resp:	158750
Ion Ratio	Lower	Upper
122 100		
105 136.3	103.3	143.3
77 110.0	73.7	113.7





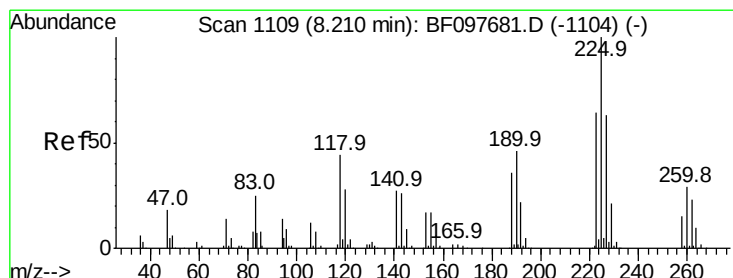
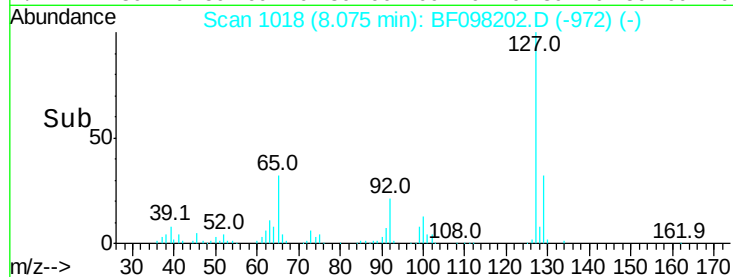
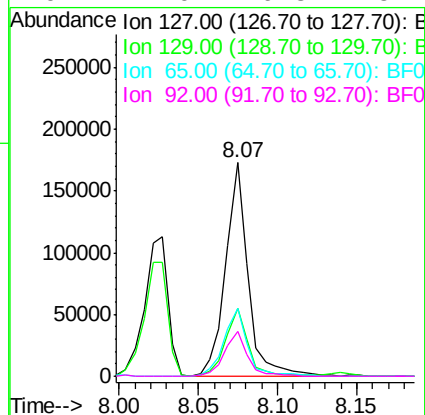
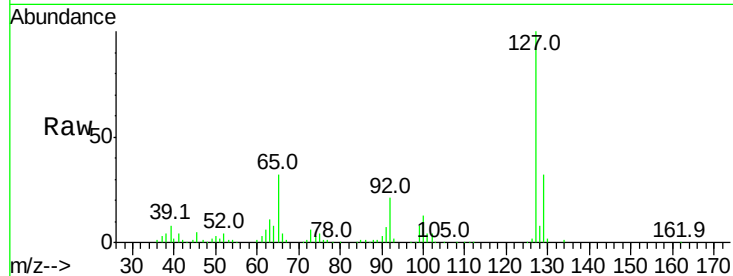
#33
4-Chloroaniline
Concen: 17.592 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.03 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Instrument :
BNA_F
ClientSampleId :
PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	169737		
129	32.0	26.2	39.2	
65	32.0	27.8	41.8	
92	21.0	16.8	25.2	

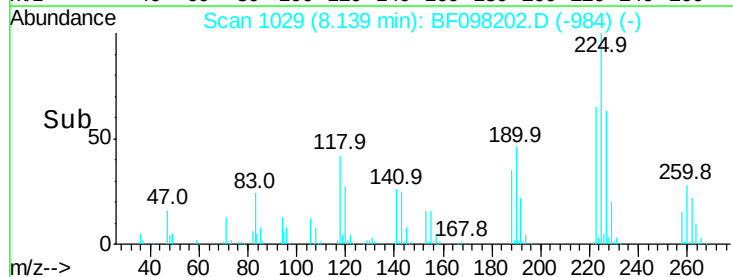
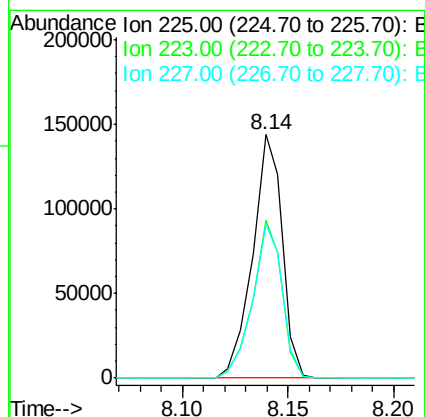
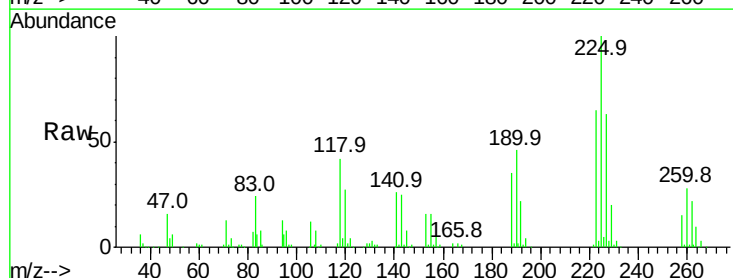
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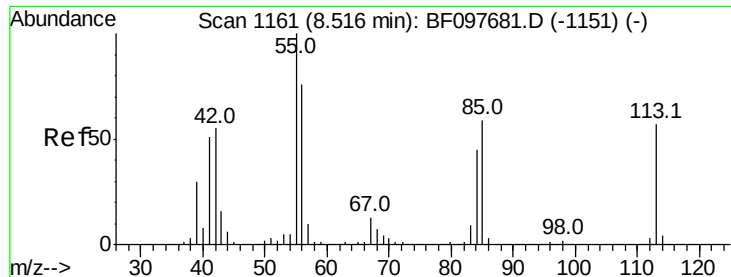
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#34
Hexachlorobutadiene
Concen: 37.093 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.04 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	140197		
223	64.8	48.8	73.2	
227	63.3	51.1	76.7	





#35

Caprolactam

Concen: 43.879 ng/mL

RT: 8.45 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

ClientSampleID :

PB101939BSD

Tot Ion:113 Resp: 87108

Ion Ratio Lower Upper

113 100

55 157.2 150.2 190.2

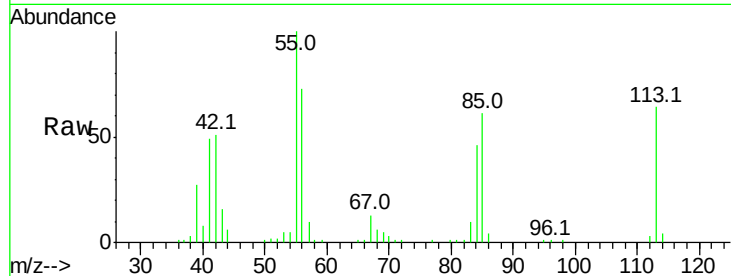
56 115.3 107.8 147.8

Manual Integrations

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Sohil

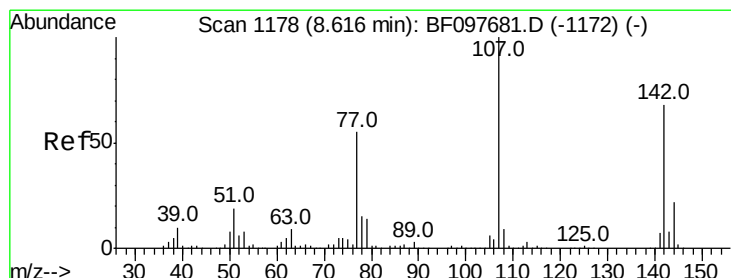
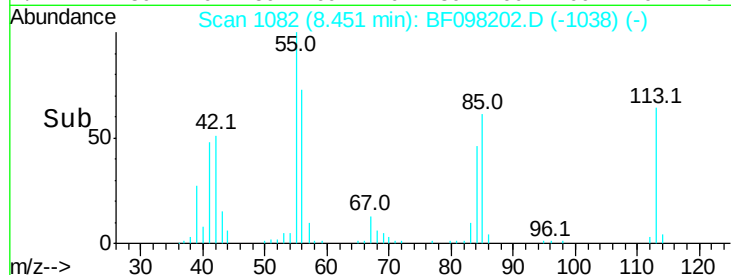
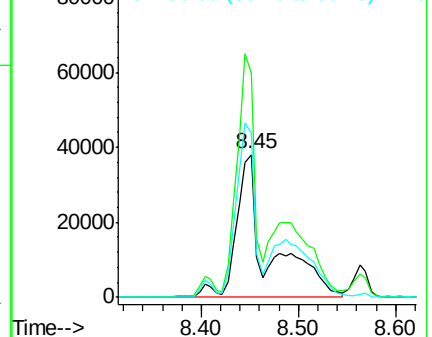
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.905 ng/mL

RT: 8.56 min Scan# 1101

Delta R.T. -0.02 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

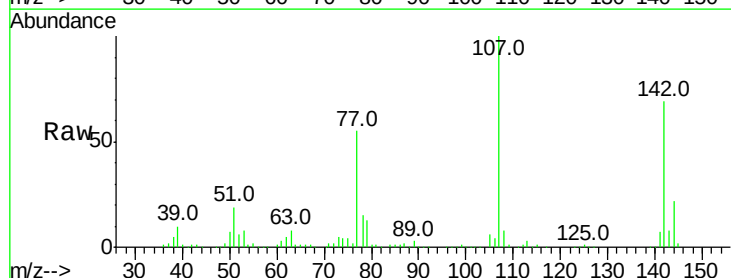
Tgt Ion:107 Resp: 299393

Ion Ratio Lower Upper

107 100

144 22.4 24.2 36.4#

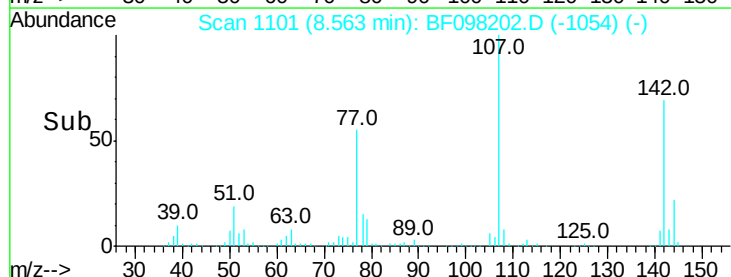
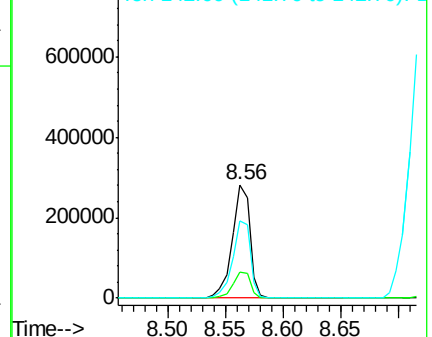
142 68.6 73.4 110.0#

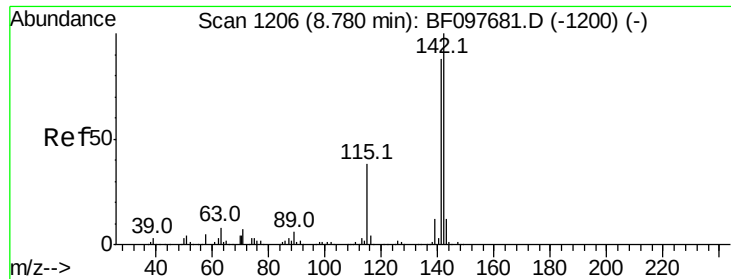


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





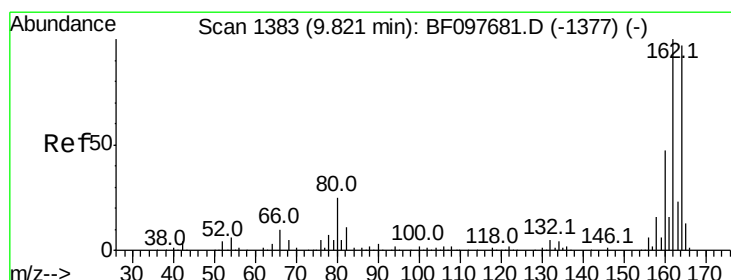
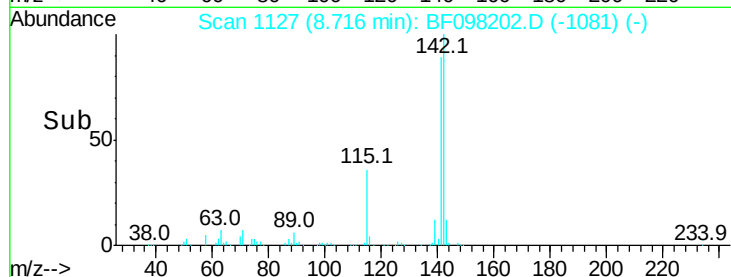
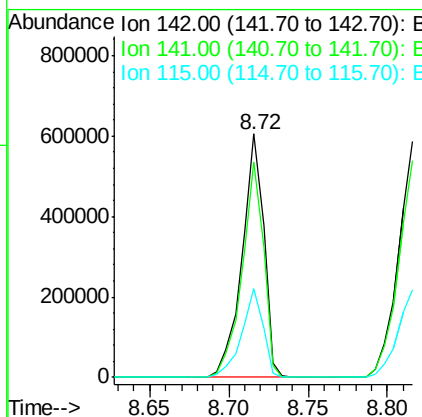
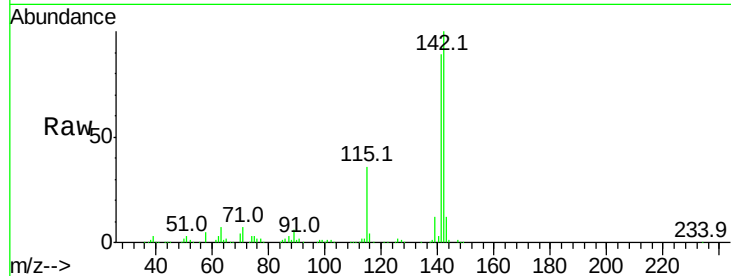
#37
2-Methylnaphthalene
Concen: 40.963 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Instrument :
BNA_F
ClientSampleId :
PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	574552		
141	88.6	71.3	106.9	
115	36.5	27.1	40.7	

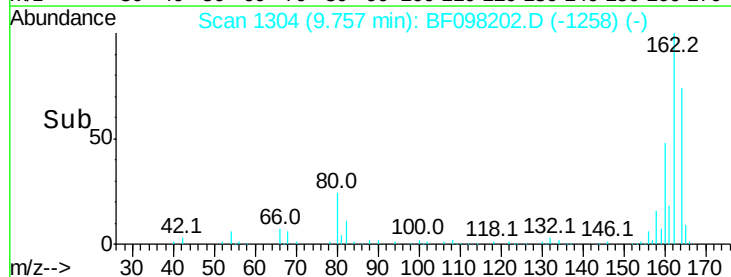
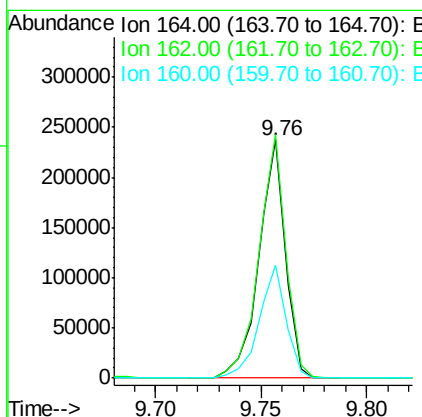
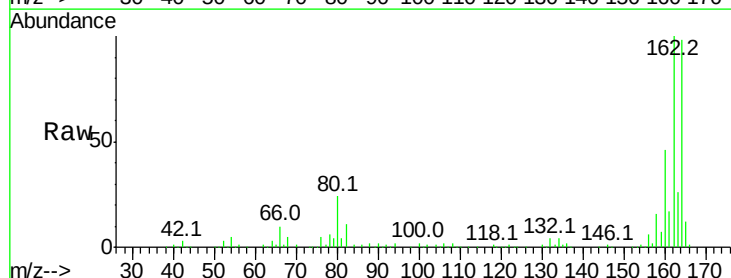
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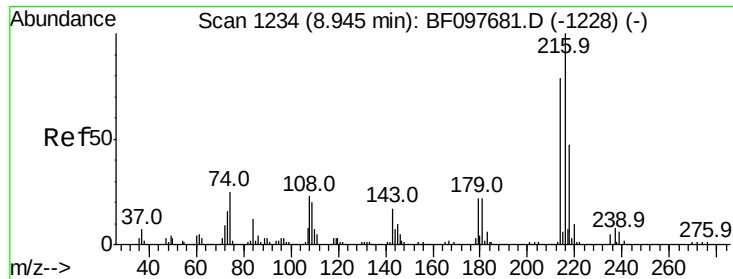
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	207152		
162	102.2	82.6	123.8	
160	47.2	36.2	54.2	





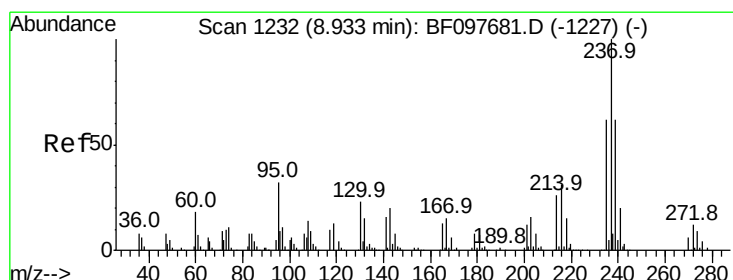
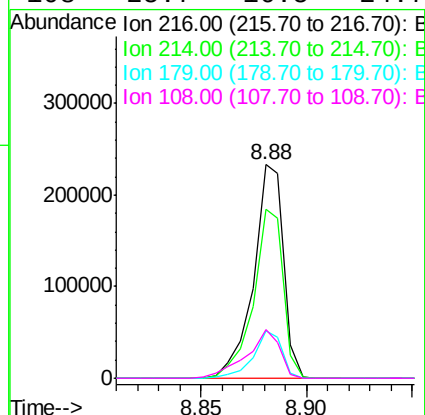
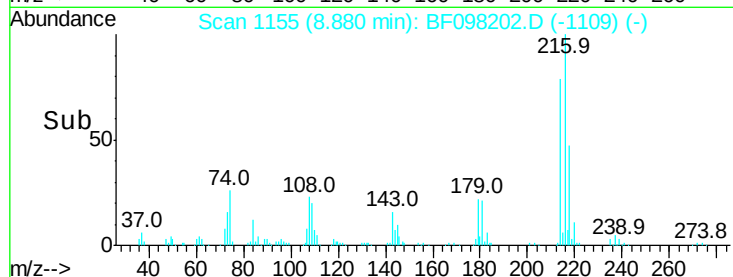
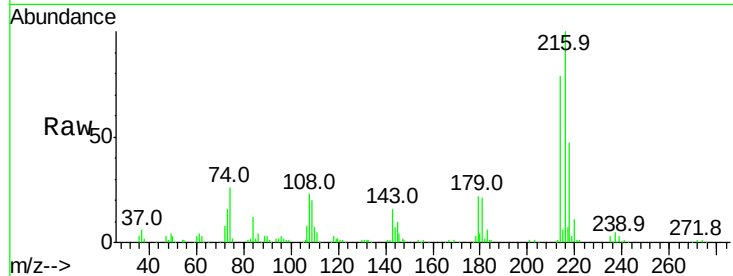
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.316 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	230876		
214	78.4	63.4	95.2	
179	21.1	17.9	26.9	
108	25.7	16.5	24.7	

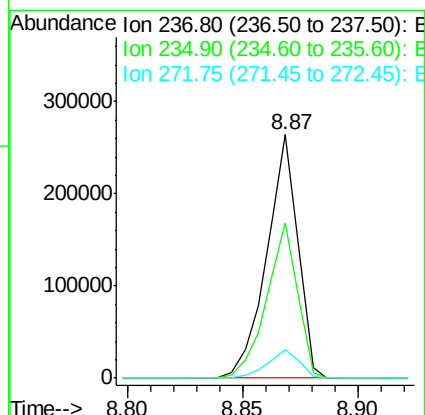
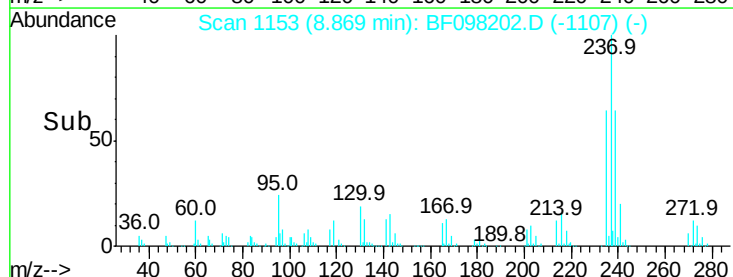
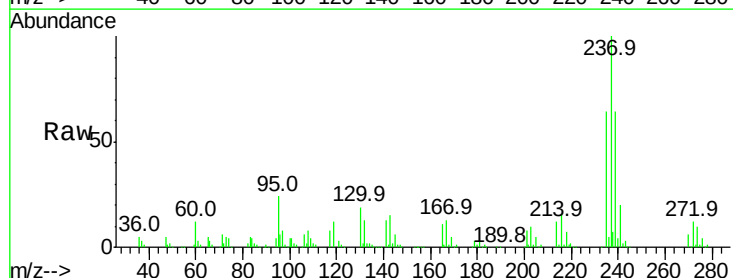
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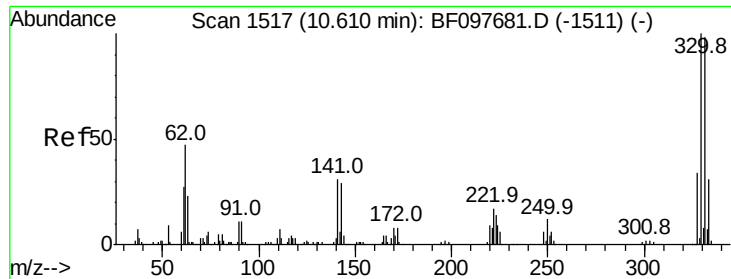
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#40
 Hexachlorocyclopentadiene
 Concen: 80.895 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	247066		
235	63.7	42.6	82.6	
272	11.9	0.0	31.9	





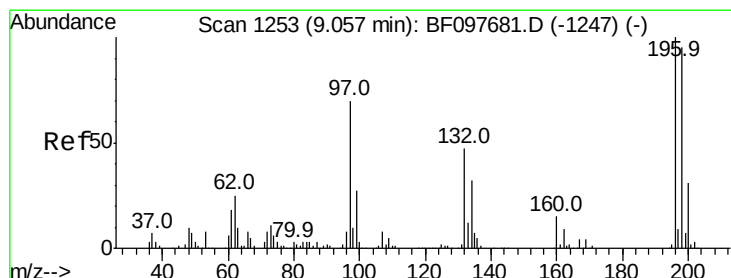
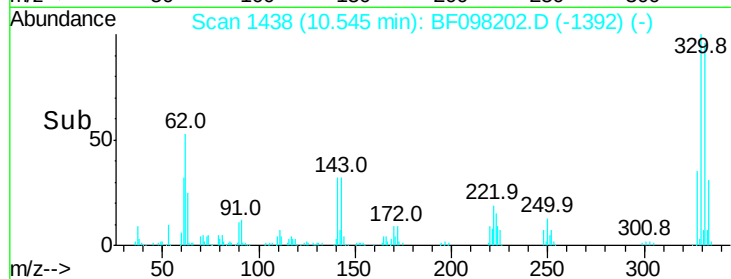
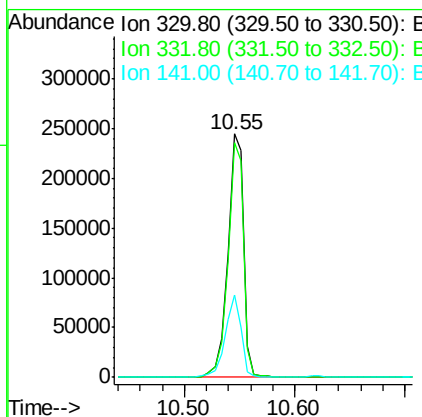
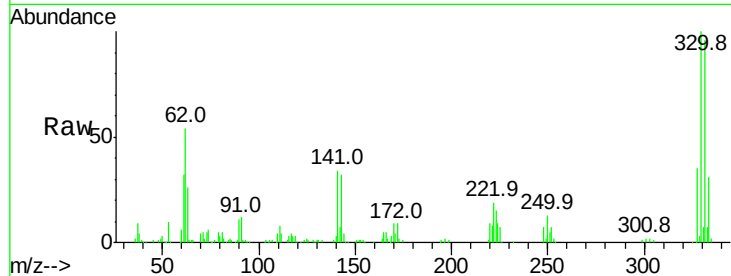
#41
 2,4,6-Tribromophenol
 Concen: 136.068 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	244566		
332	95.5	76.6	115.0	
141	33.8	31.4	47.2	

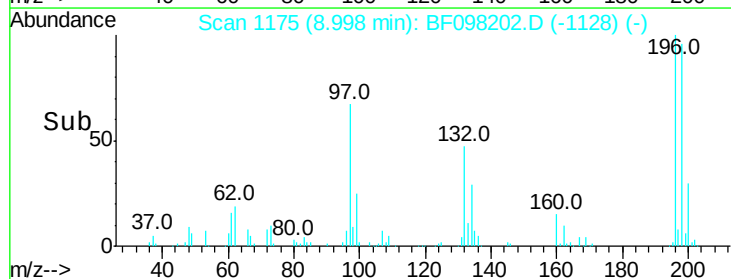
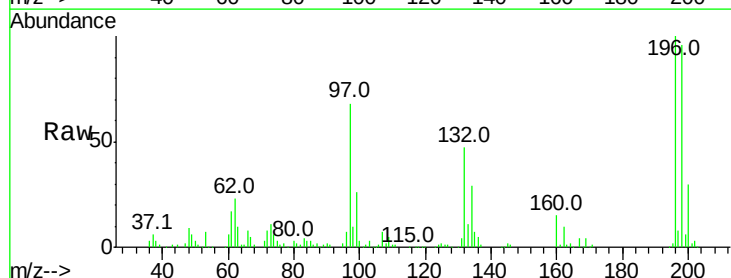
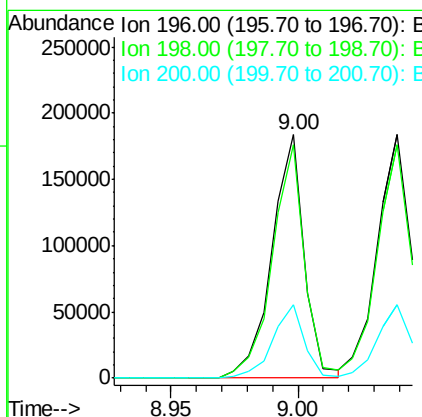
Manual Integrations
 APPROVED

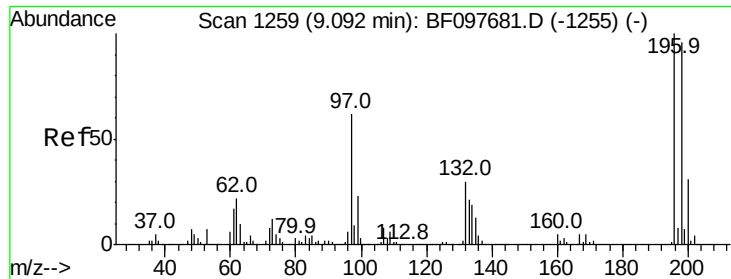
Sohil
 9/1/2017 5:29:13 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.628 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	164872		
198	95.6	74.2	111.4	
200	30.3	24.0	36.0	





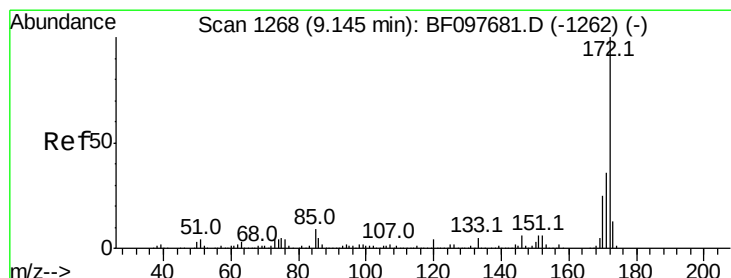
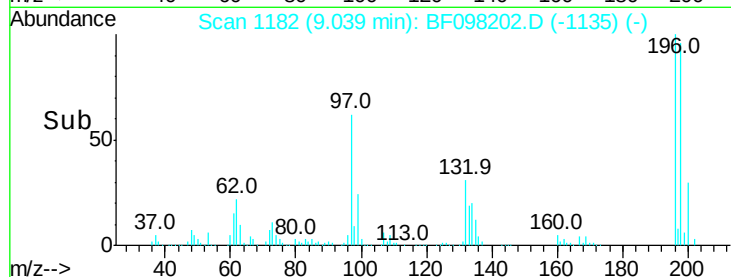
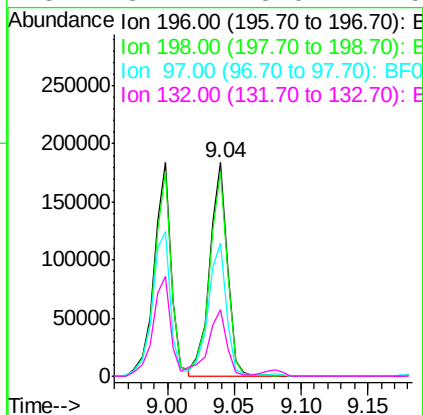
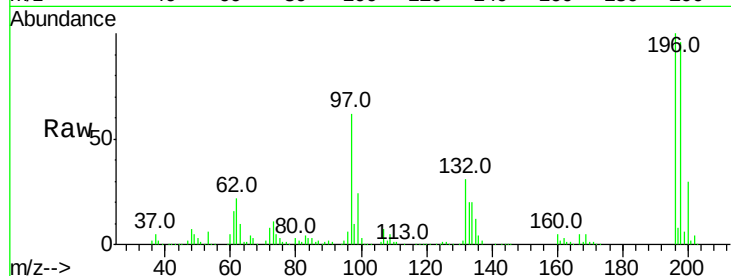
#43
 2,4,5-Trichlorophenol
 Concen: 40.751 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Tot Ion	196	Resp	172555
Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.7	113.5
97	62.1	47.7	71.5
132	31.1	28.0	42.0

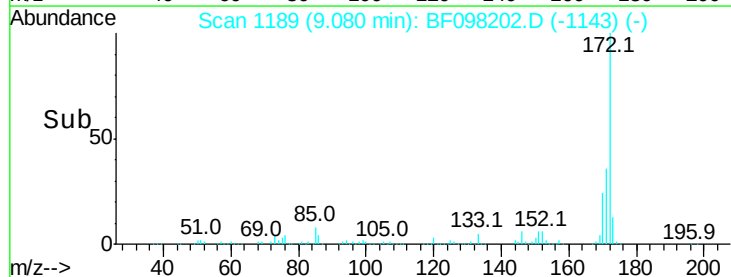
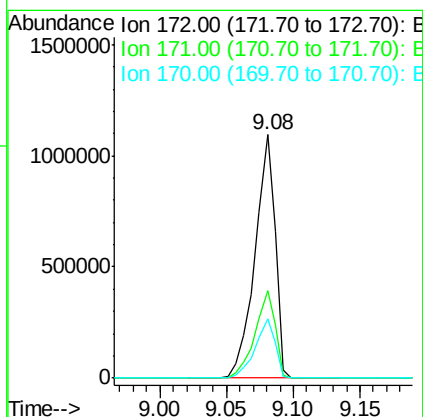
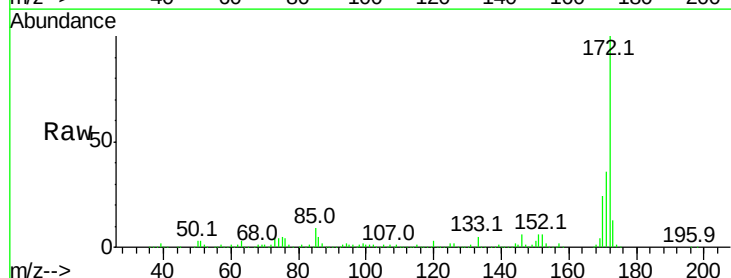
Manual Integrations
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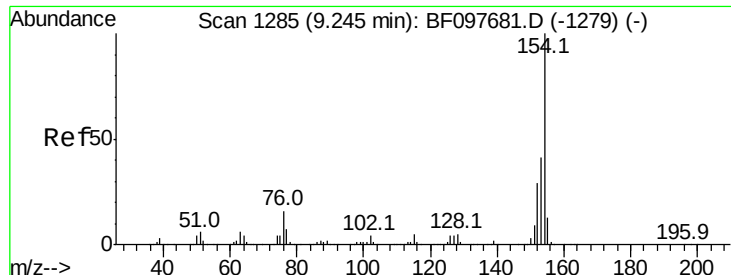
Sohil
 9/1/2017 5:29:13 PM



#44
 2-Fluorobiphenyl
 Concen: 79.383 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Tgt Ion	172	Resp	1119271
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.1	19.8	29.8





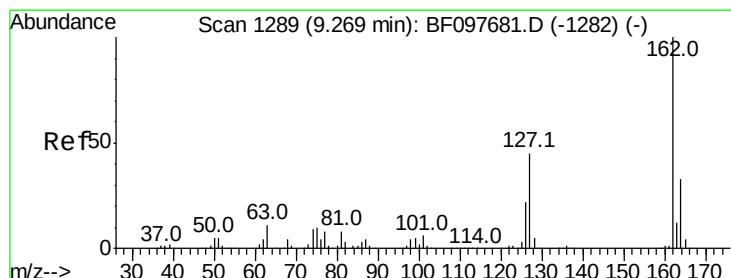
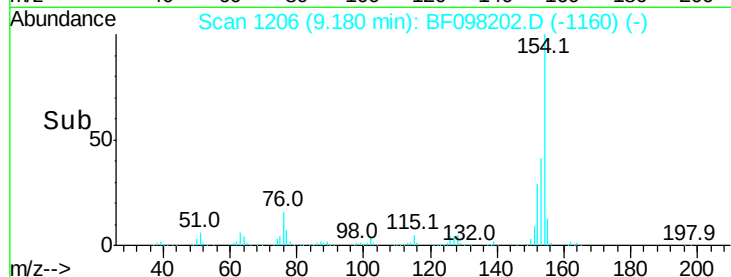
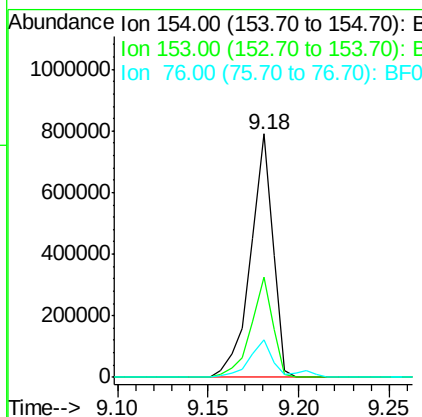
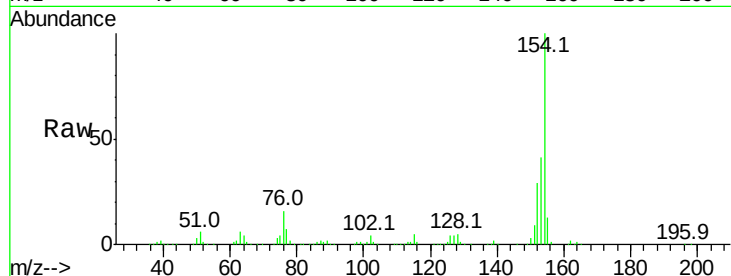
#45
1,1'-Biphenyl
Concen: 35.871 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.03 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Instrument :
BNA_F
ClientSampleId :
PB101939BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	15.7	0.0	29.9

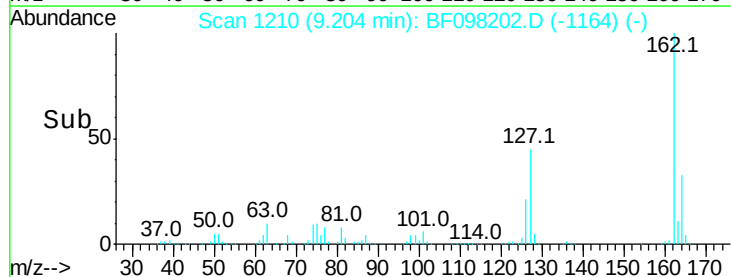
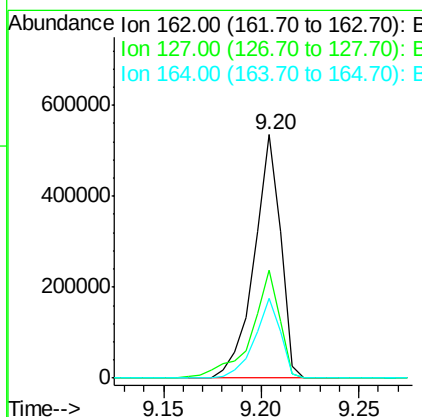
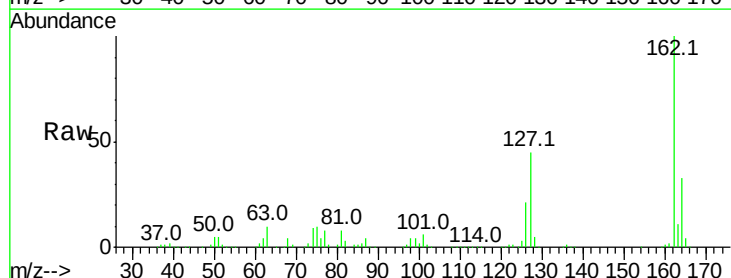
Manual Integrations
APPROVED

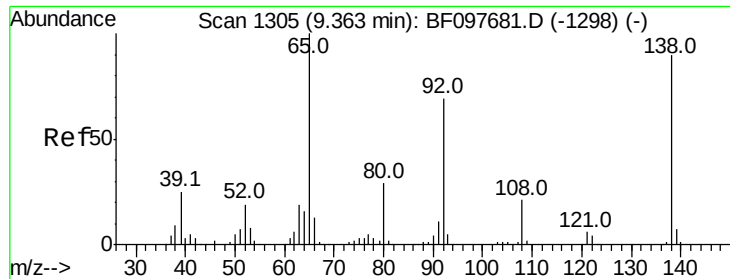
Sohil
9/1/2017 5:29:13 PM



#46
2-Chloronaphthalene
Concen: 35.803 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.03 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.5	28.3	42.5#
164	32.8	27.0	40.4





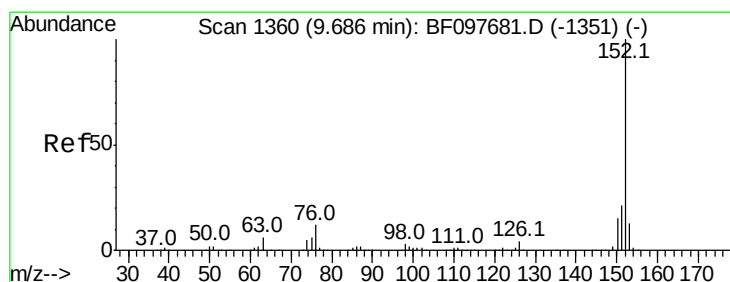
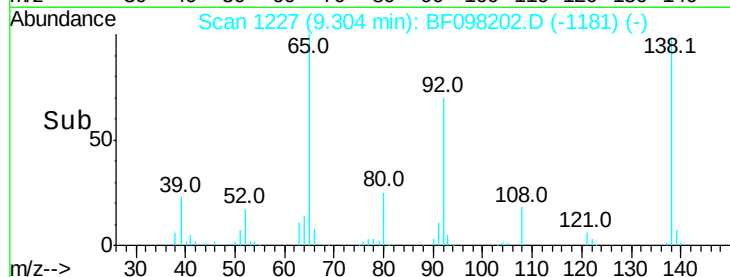
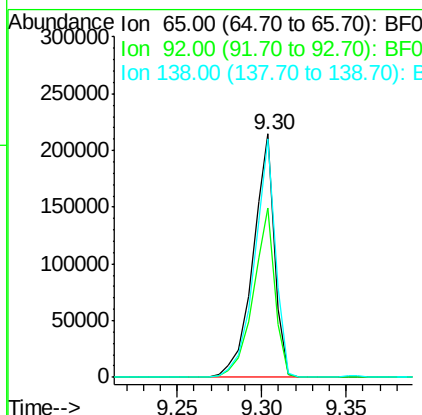
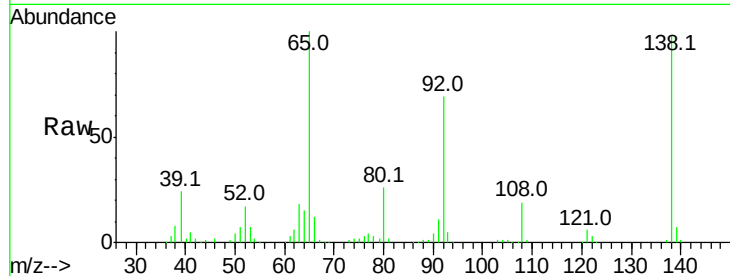
#47
2-Nitroaniline
Concen: 41.102 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.03 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Instrument :
BNA_F
ClientSampleId :
PB101939BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.9	80.9
138	98.1	78.8	118.2

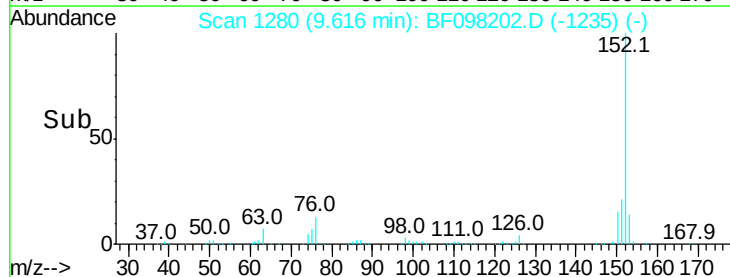
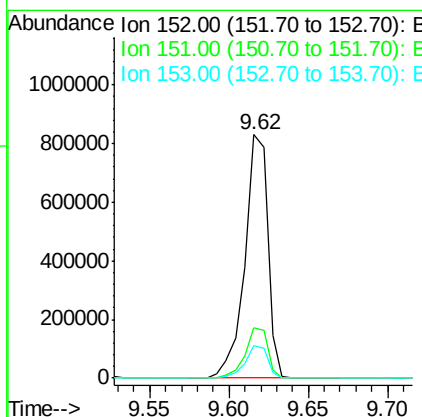
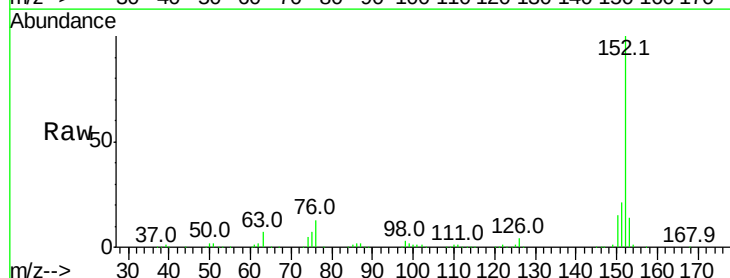
Manual Integrations
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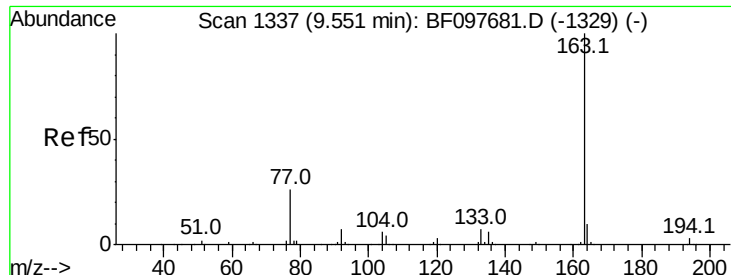
Sohil
9/1/2017 5:29:13 PM



#48
Acenaphthylene
Concen: 37.921 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.5	10.8	16.2





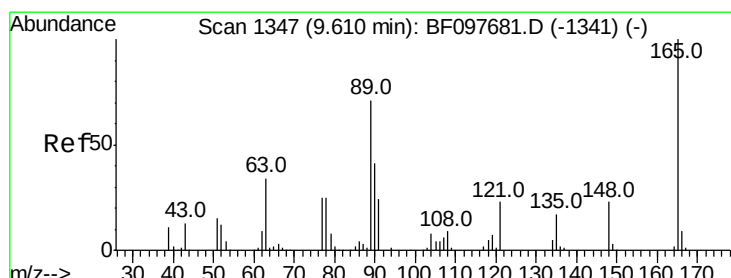
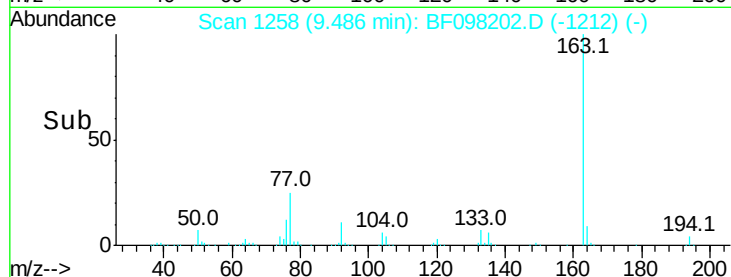
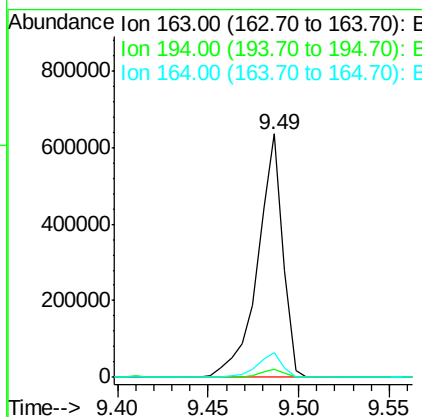
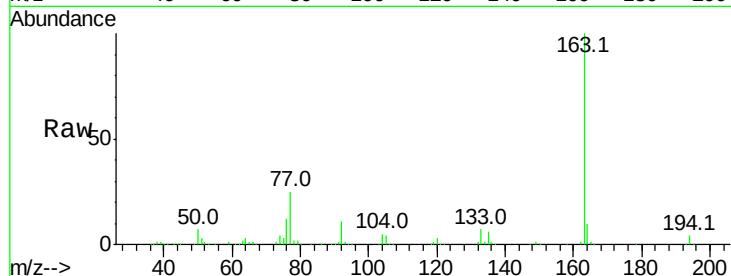
#49
 Dimethylphthalate
 Concen: 40.301 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	610243		
194	3.6	2.6	4.0	
164	9.9	8.4	12.6	

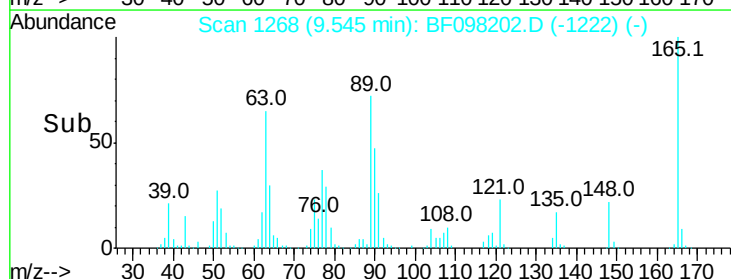
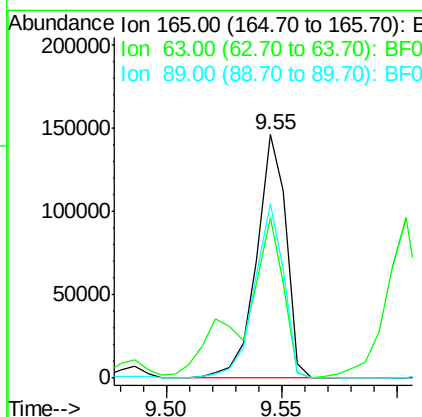
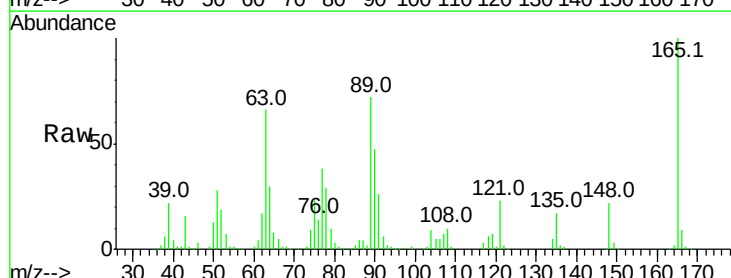
Manual Integrations
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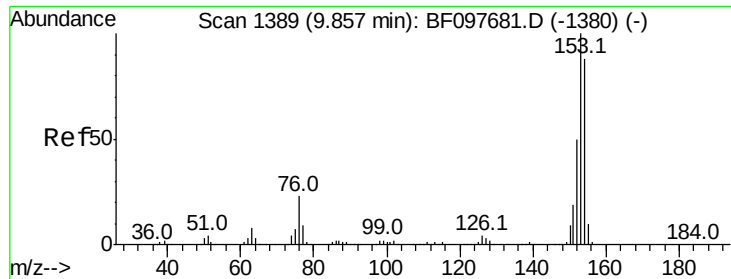
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#50
 2,6-Dinitrotoluene
 Concen: 43.096 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	130258		
63	65.9	34.3	51.5#	
89	71.9	37.1	55.7#	





#51

Acenaphthene

Concen: 35.411 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.03 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

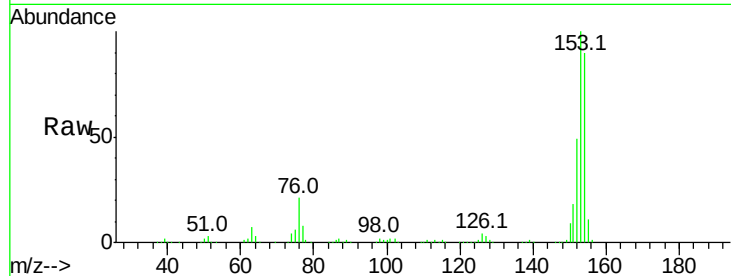
ClientSampleId :

PB101939BSD

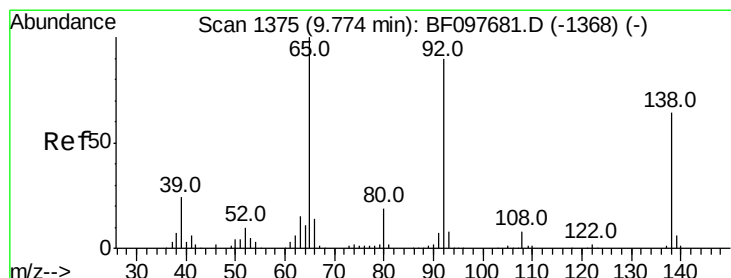
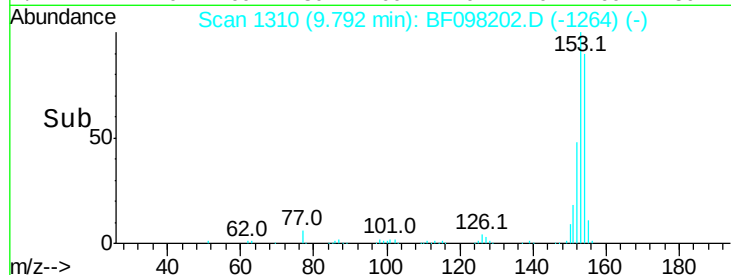
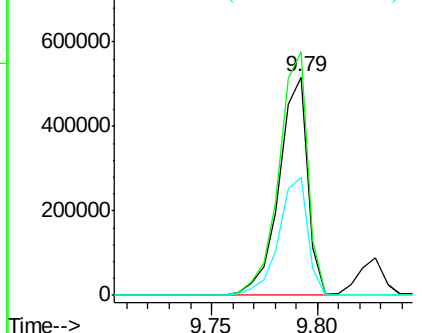
Tot Ion:	154	Resp:	489506
Ion Ratio	Lower	Upper	
154	100		
153	111.6	90.5	135.7
152	54.3	43.6	65.4

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 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.067 ng

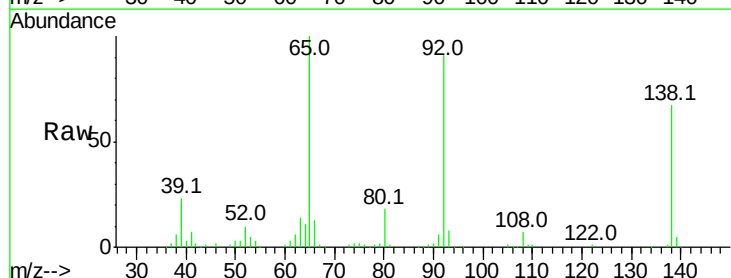
RT: 9.71 min Scan# 1296

Delta R.T. -0.04 min

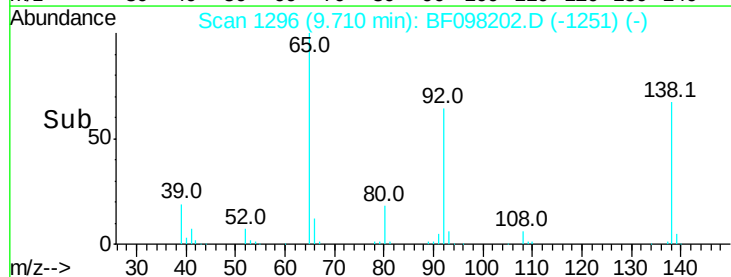
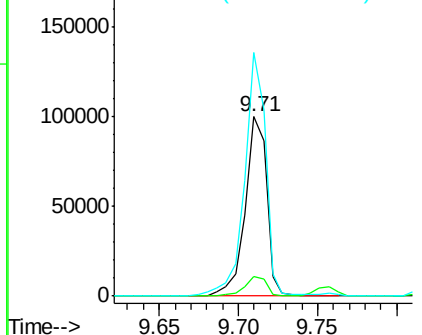
Lab File: BF098202.D

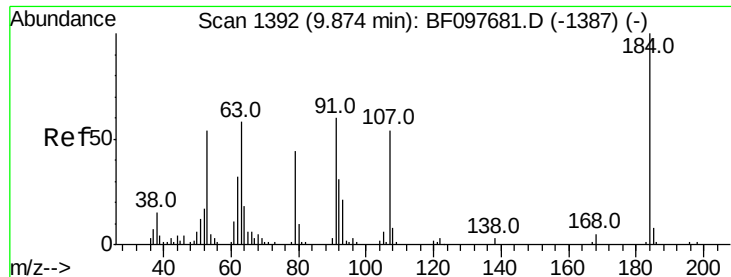
Acq: 31 Aug 2017 18:48

Tgt Ion:	138	Resp:	93853
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.1	13.7
92	135.9	93.8	140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





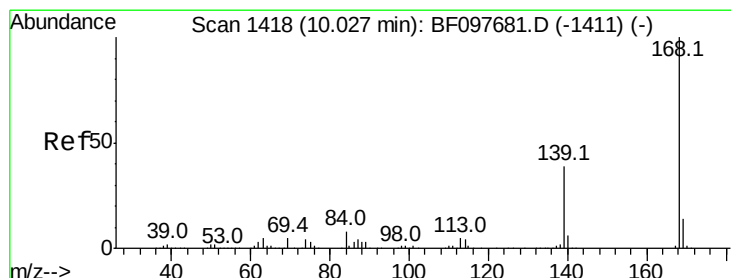
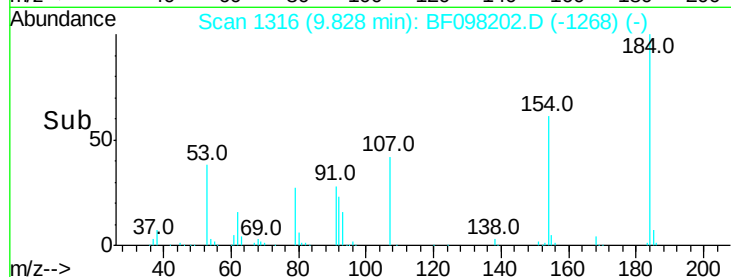
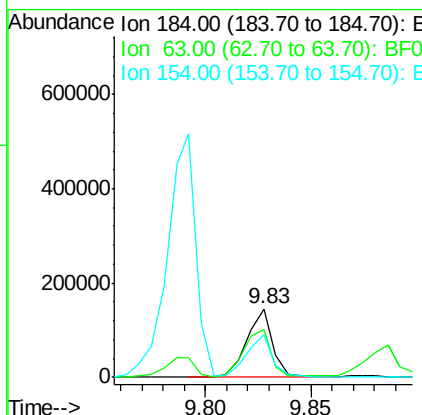
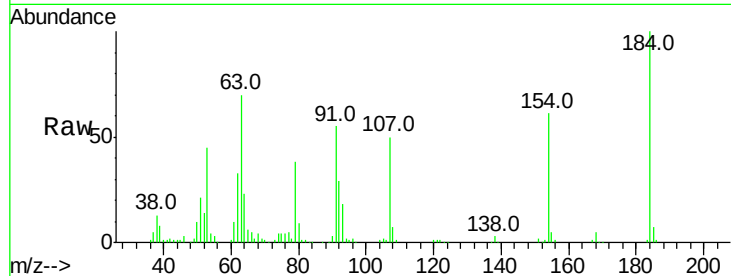
#53
 2,4-Dinitrophenol
 Concen: 85.970 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	70.0	62.7	94.1	
154	61.5	81.1	121.7	

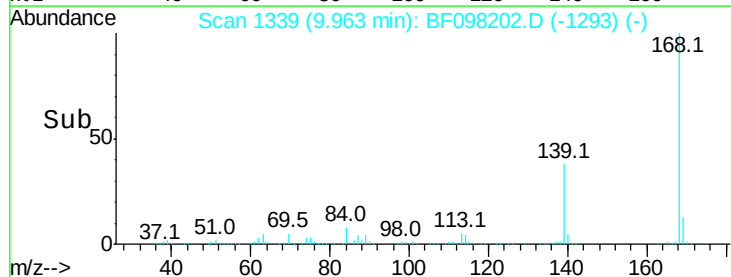
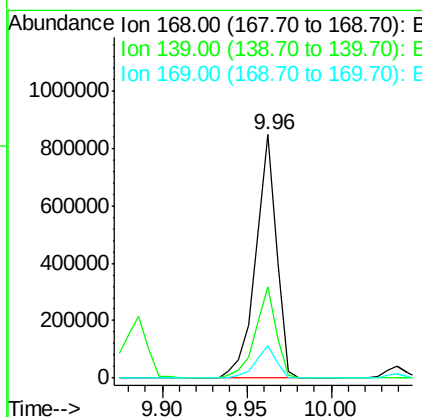
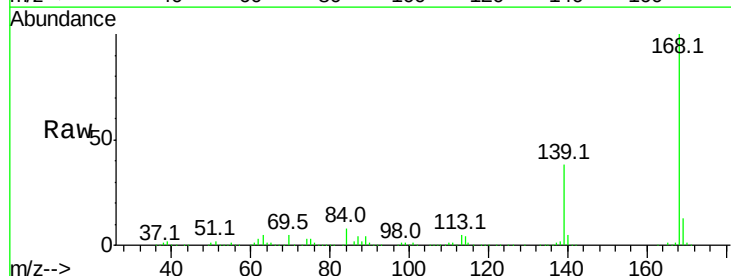
Manual Integrations
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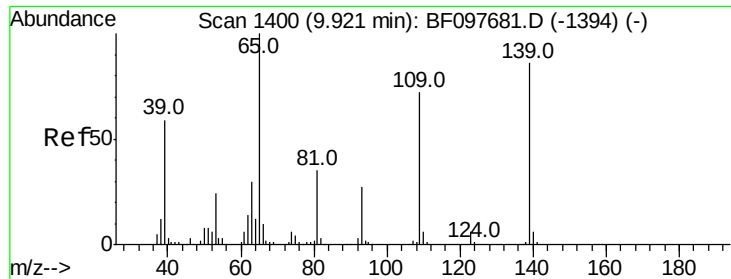
Sohil
 9/1/2017 5:29:13 PM



#54
 Dibenzofuran
 Concen: 39.718 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.7	30.6	45.8	
169	13.5	10.8	16.2	





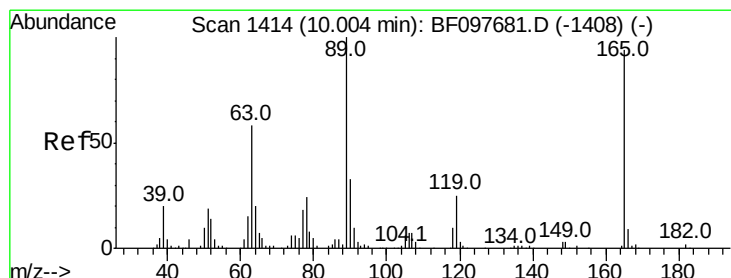
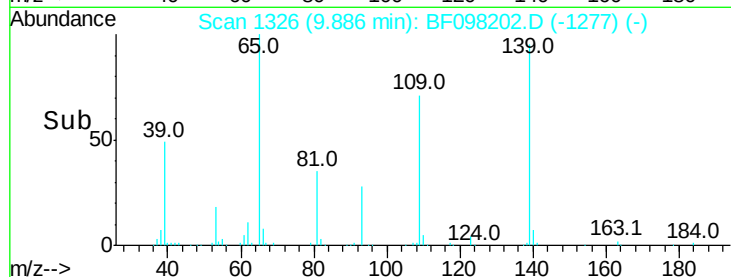
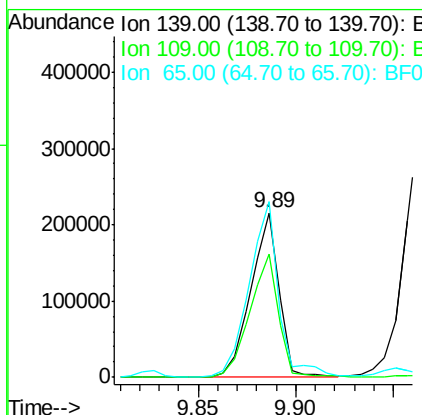
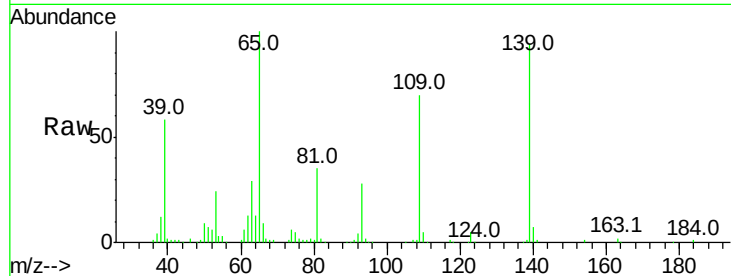
#55
4-Nitrophenol
Concen: 69.788 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Instrument :
BNA_F
ClientSampleId :
PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	74.6	34.1	74.1#	
65	106.9	31.4	71.4#	

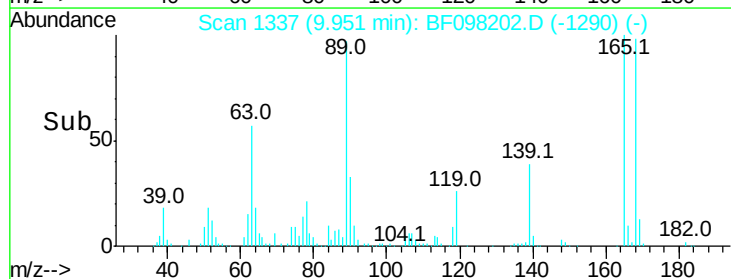
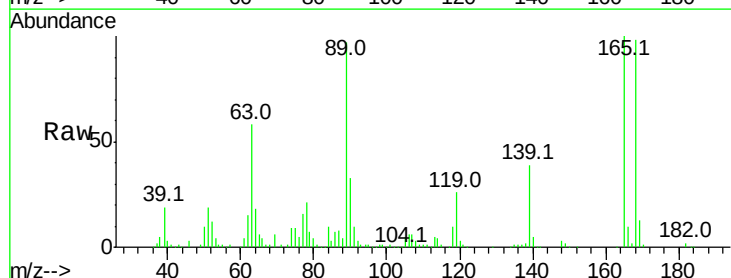
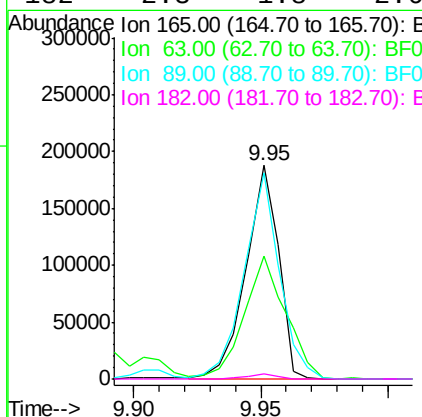
Manual Integrations
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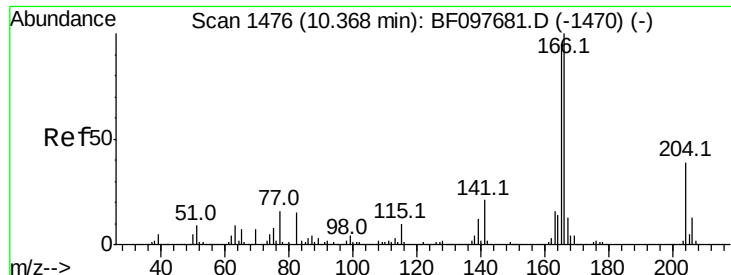
Sohil
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#56
2,4-Dinitrotoluene
Concen: 44.498 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.7	25.4	38.0#	
89	96.7	46.4	69.6#	
182	2.3	1.8	2.6	





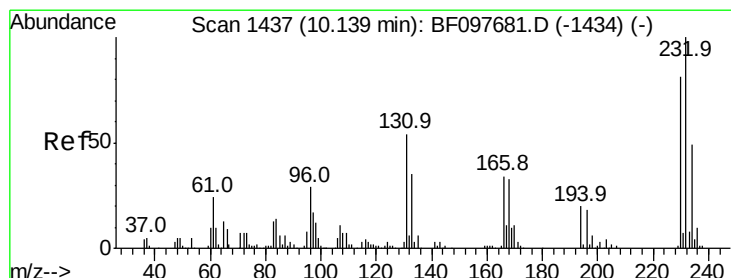
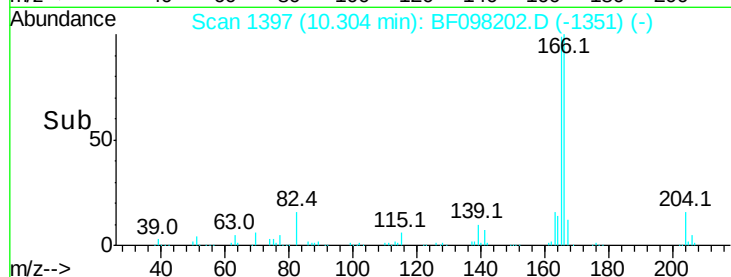
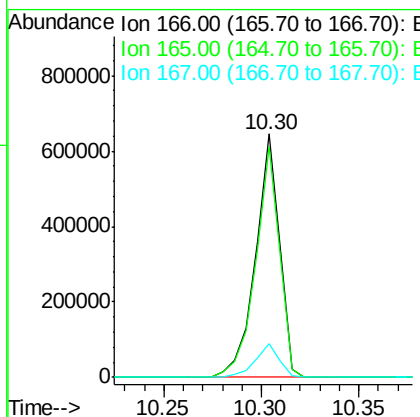
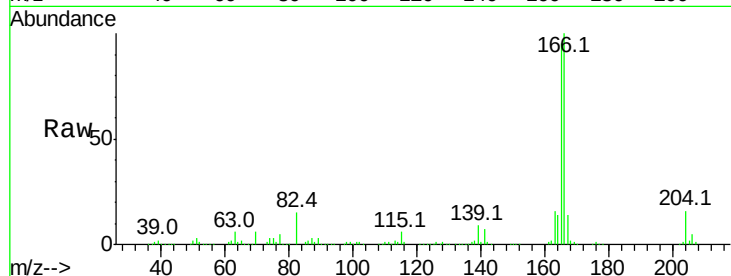
#57
Fluorene
 Concen: 38.429 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.9	78.8	118.2	
167	13.7	10.6	16.0	

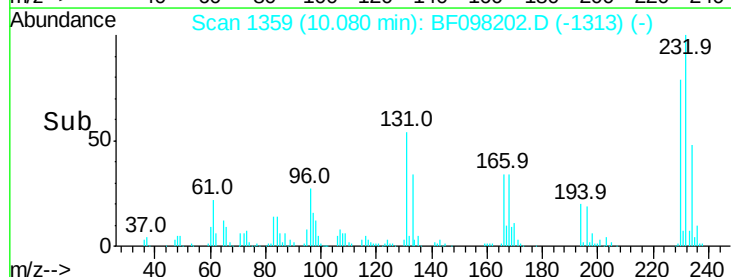
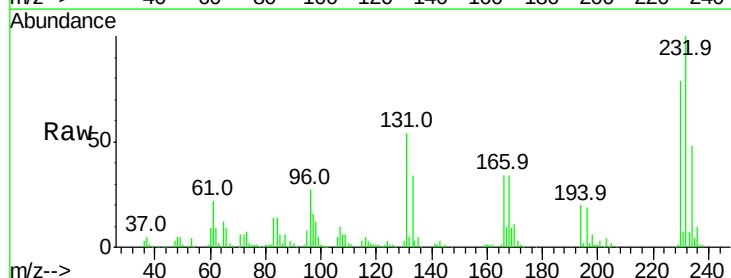
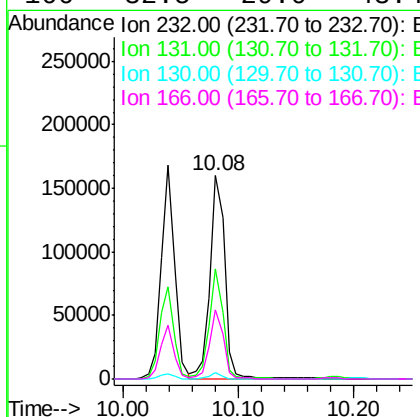
Manual Integrations
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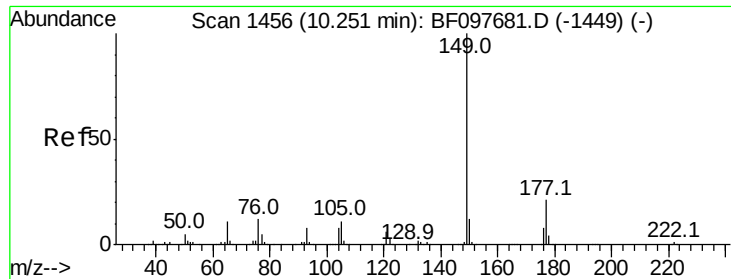
Sohil
 9/1/2017 5:29:13 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.324 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	51.2	44.8	67.2	
130	2.5	2.3	3.5	
166	32.5	29.0	43.4	





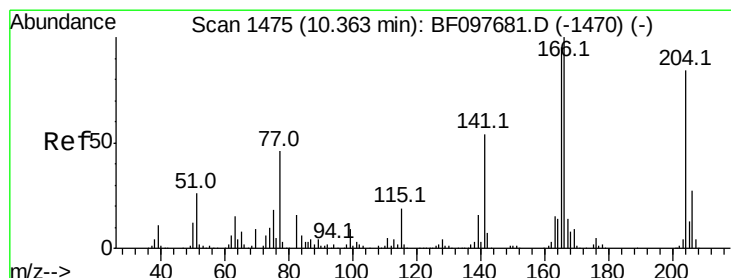
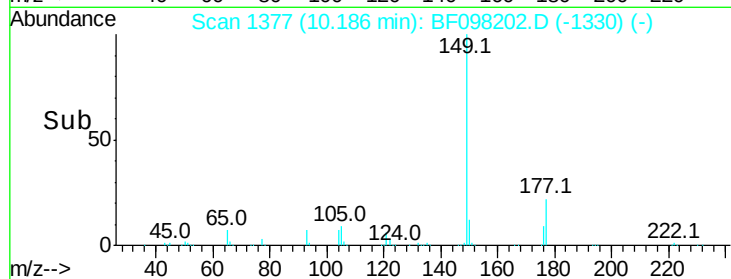
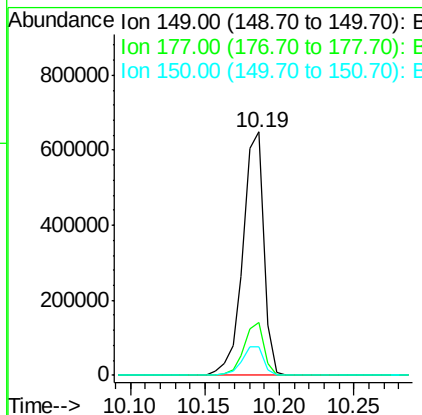
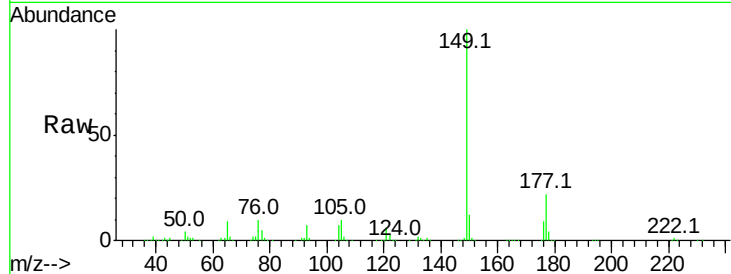
#59
Diethylphthalate
Concen: 39.911 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Instrument :
BNA_F
ClientSampleId :
PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	631986		
177	21.9	16.7	25.1	
150	12.0	10.2	15.2	

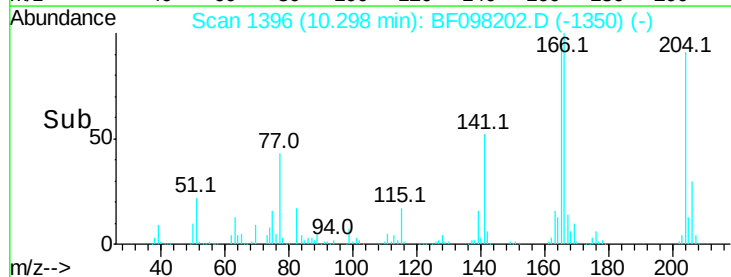
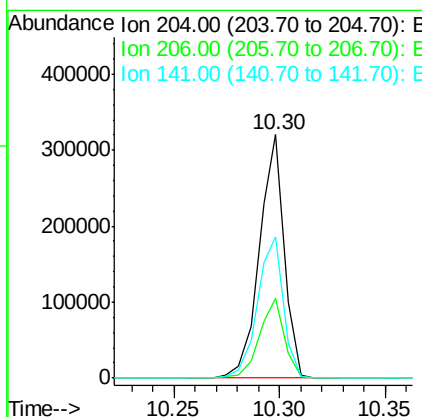
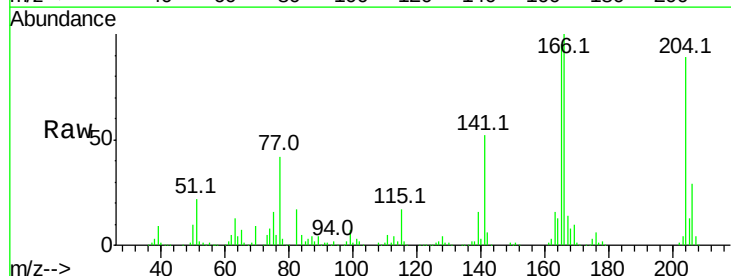
Manual Integrations
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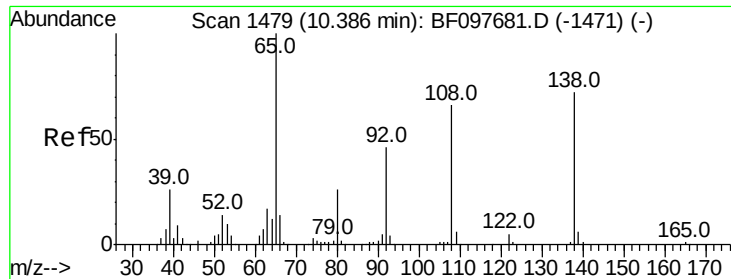
Sohil
9/1/2017 5:29:13 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.526 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.03 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	263025		
206	32.7	26.2	39.2	
141	58.0	60.8	91.2#	





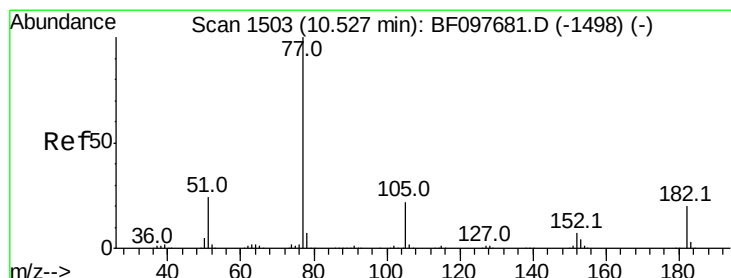
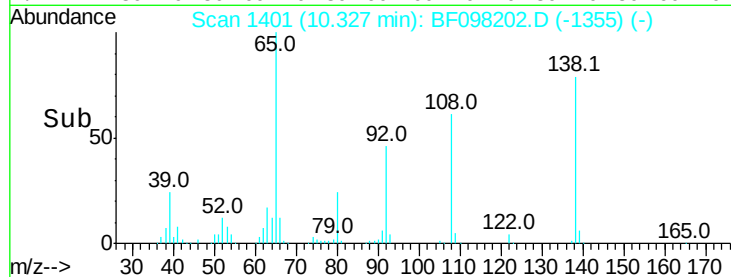
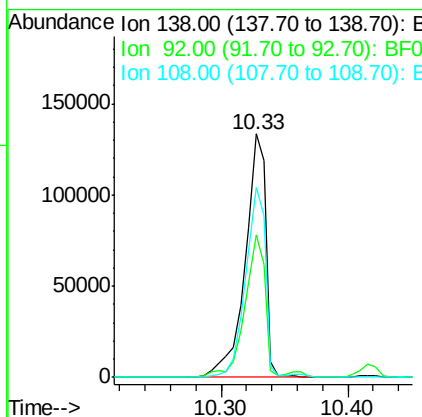
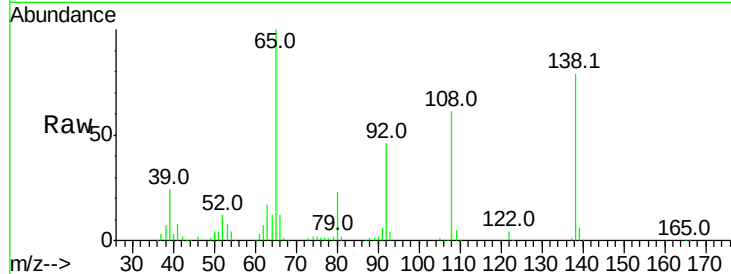
#61
4-Nitroaniline
Concen: 40.732 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Instrument :
BNA_F
ClientSampleId :
PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	58.5	21.8	61.8	
108	77.9	42.3	82.3	

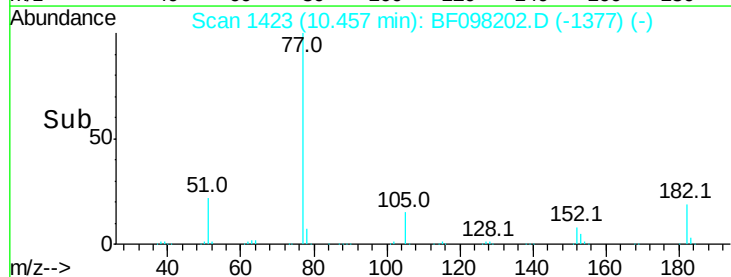
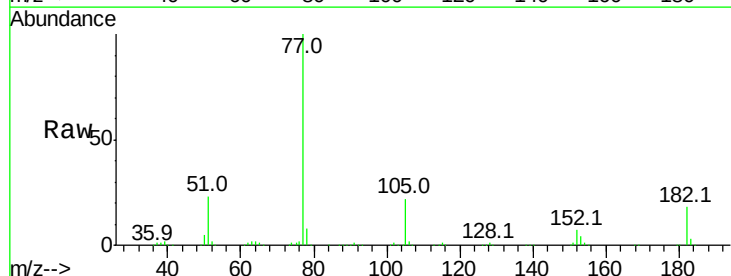
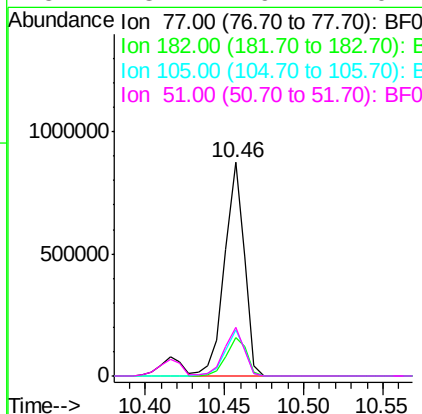
Manual Integrations
APPROVED

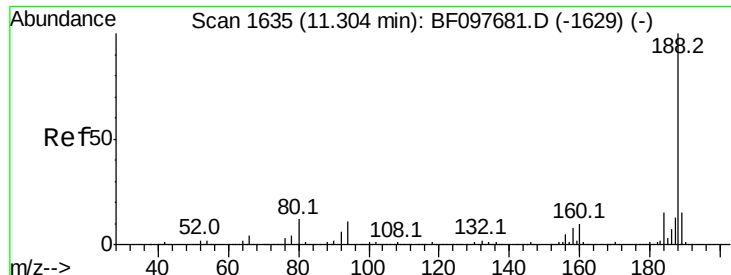
Sohil
9/1/2017 5:29:13 PM



#62
Azobenzene
Concen: 40.067 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.03 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	18.3	0.1	40.1	
105	21.6	3.6	43.6	
51	23.1	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

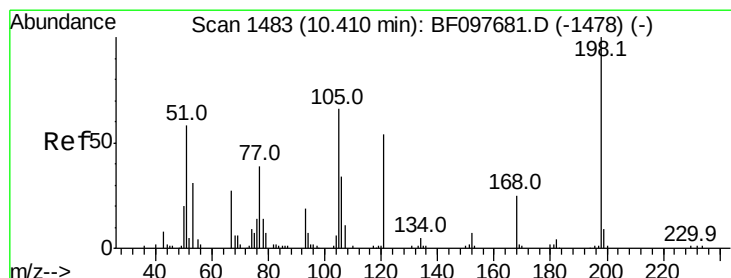
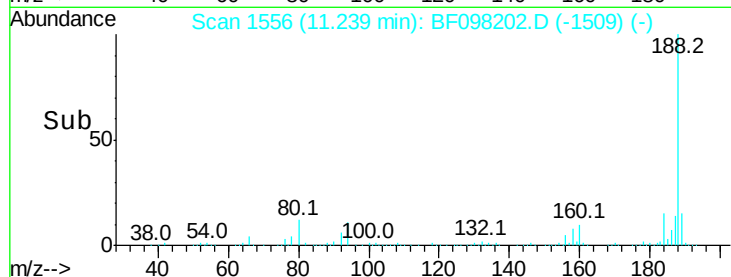
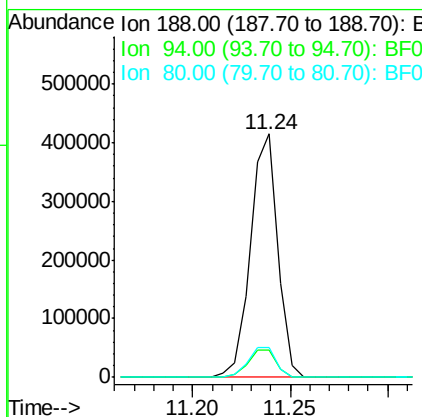
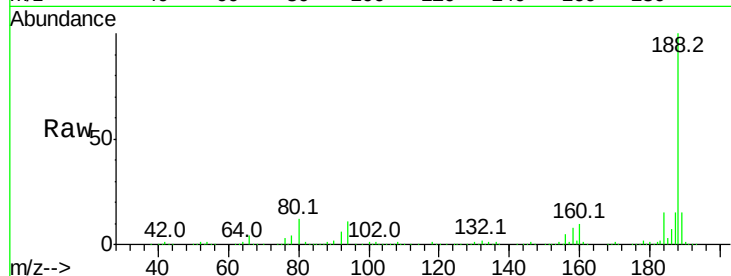
ClientSampleId :

PB101939BSD

Tot Ion:188	Resp:	400383
Ion Ratio	Lower	Upper
188 100		
94 11.2	9.4	14.2
80 12.1	10.2	15.2

Manual Integrations
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9/1/2017 5:29:13 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 46.252 ng

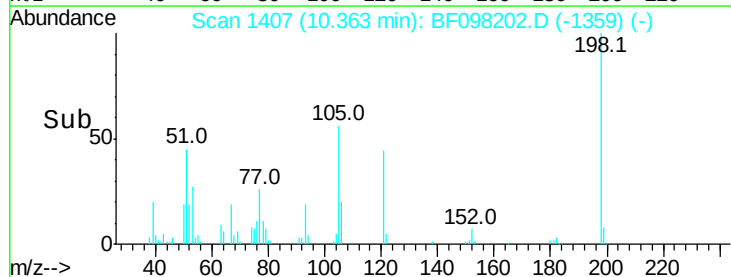
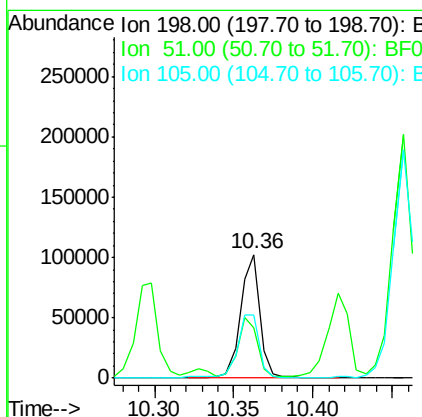
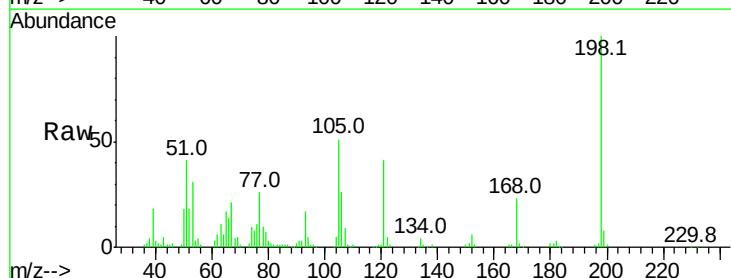
RT: 10.36 min Scan# 1407

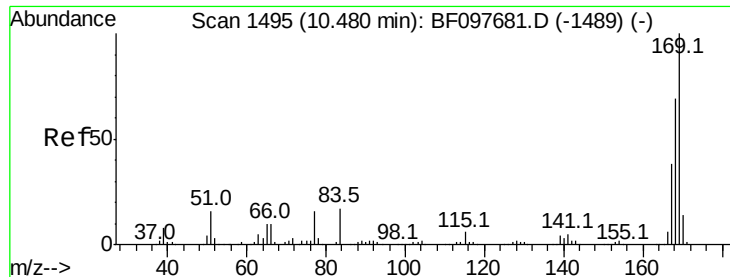
Delta R.T. -0.02 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Tgt Ion:198	Resp:	86573
Ion Ratio	Lower	Upper
198 100		
51 40.5	53.2	93.2#
105 50.9	45.8	85.8





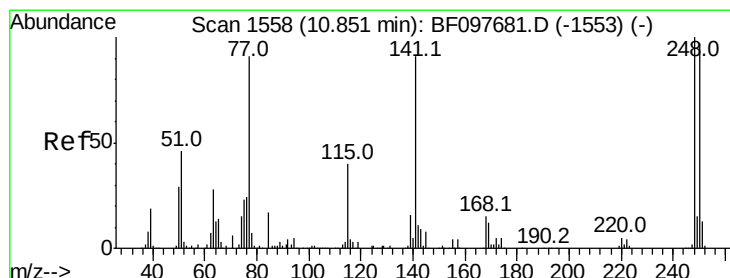
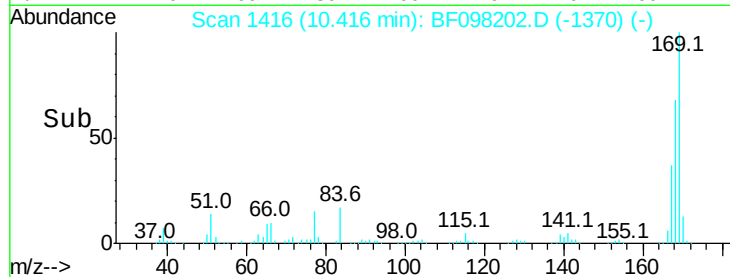
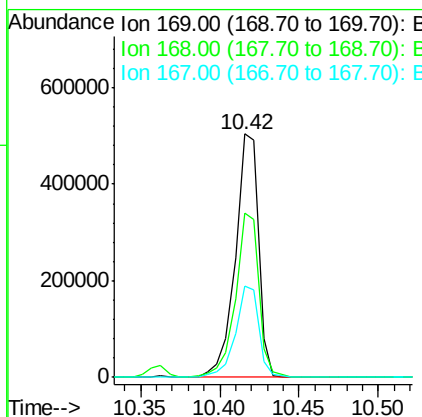
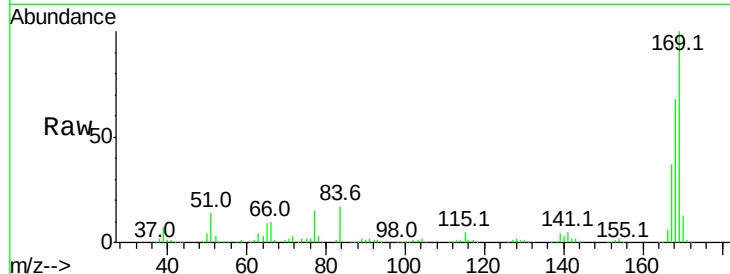
#65
 n-Nitrosodiphenylamine
 Concen: 37.612 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	512805		
168	67.7	53.2	79.8	
167	37.3	29.5	44.3	

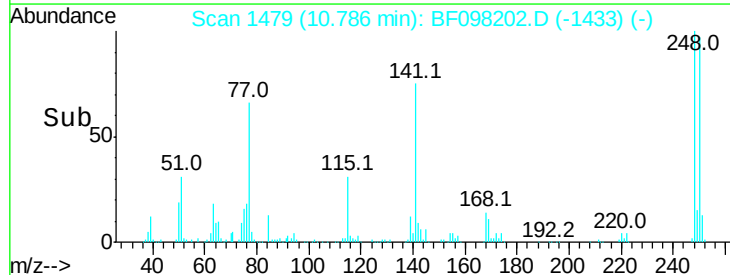
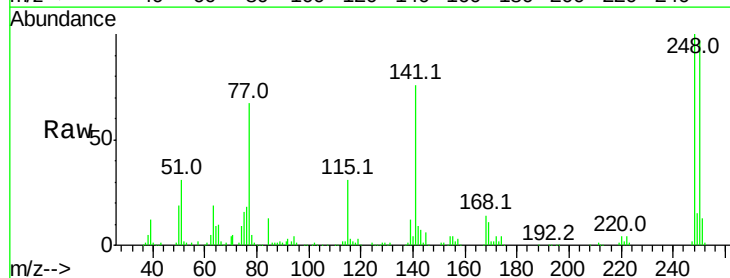
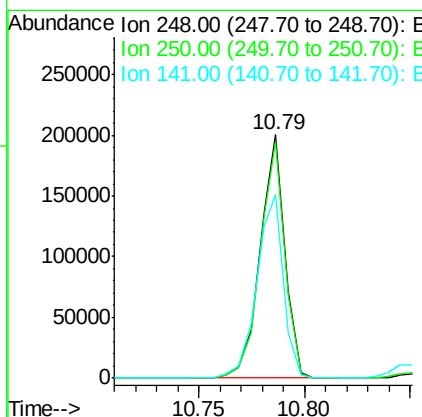
Manual Integrations
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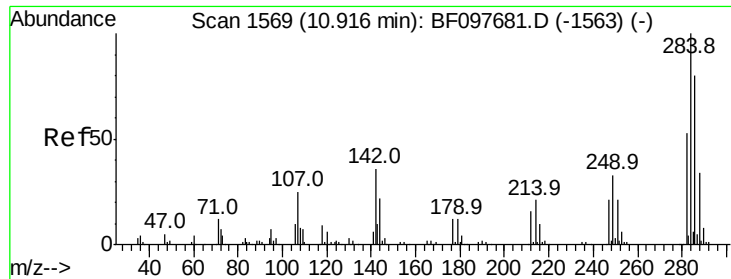
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 39.436 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	163965		
250	96.9	76.8	115.2	
141	75.6	68.6	103.0	





#67

Hexachlorobenzene

Concen: 37.708 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.03 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

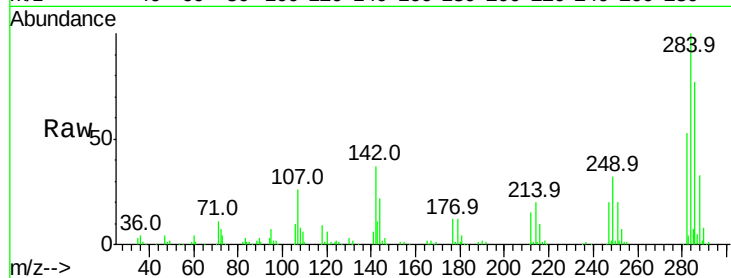
ClientSampleId :

PB101939BSD

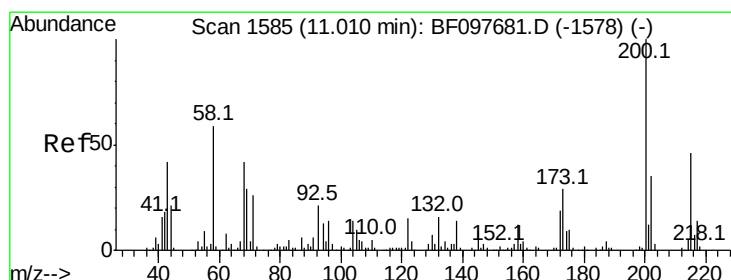
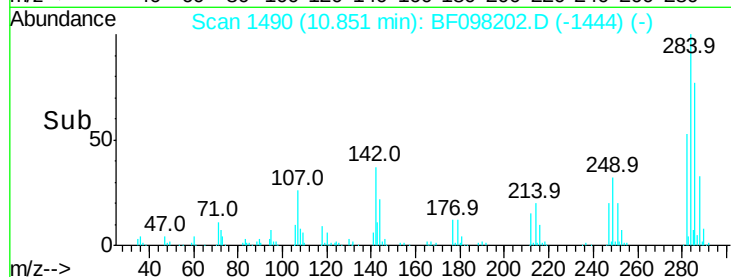
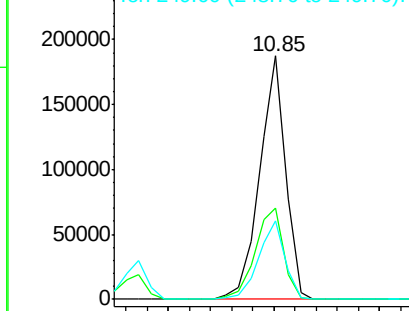
Tot Ion:	284	Resp:	159798
Ion Ratio		Lower	Upper
284	100		
142	37.3	22.8	34.2#
249	32.1	24.0	36.0

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



#68

Atrazine

Concen: 44.984 ng

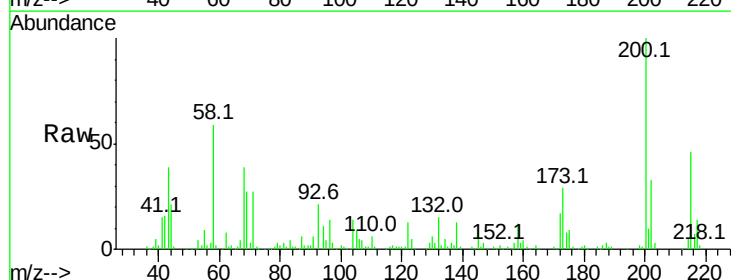
RT: 10.95 min Scan# 1506

Delta R.T. -0.03 min

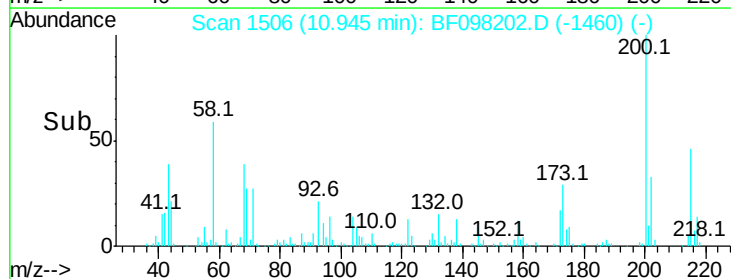
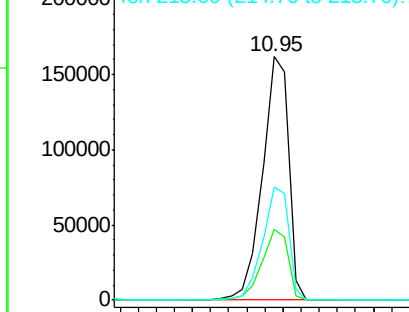
Lab File: BF098202.D

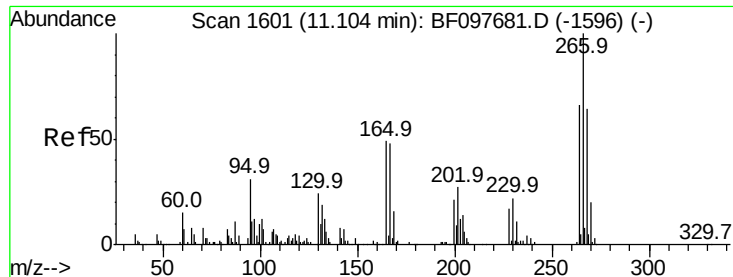
Acq: 31 Aug 2017 18:48

Tgt Ion:	200	Resp:	162653
Ion Ratio		Lower	Upper
200	100		
173	28.9	6.3	46.3
215	46.3	27.2	67.2



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





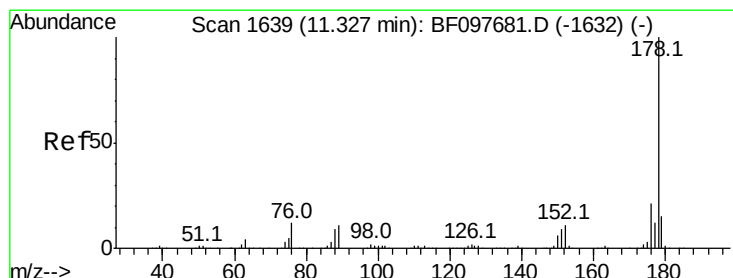
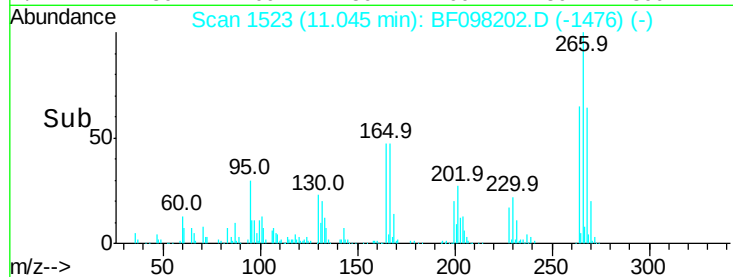
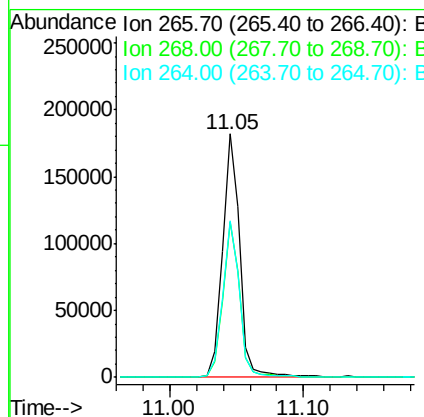
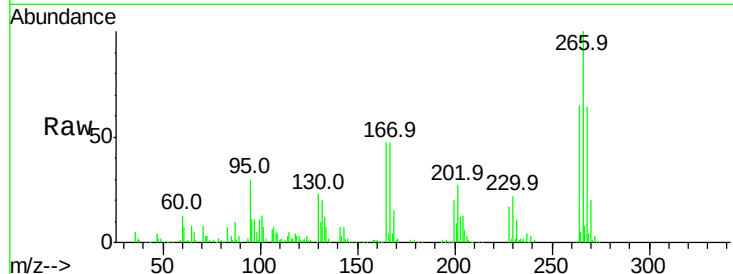
#69
 Pentachlorophenol
 Concen: 67.369 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.02 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	166460		
268	63.6	51.1	76.7	
264	64.5	51.7	77.5	

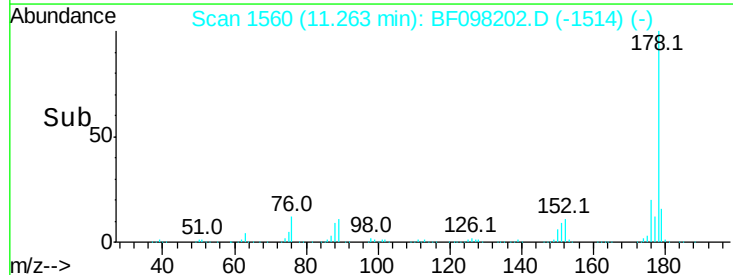
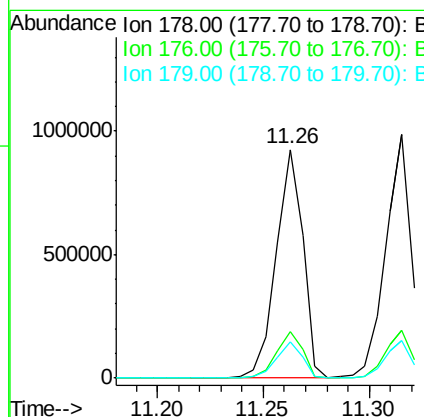
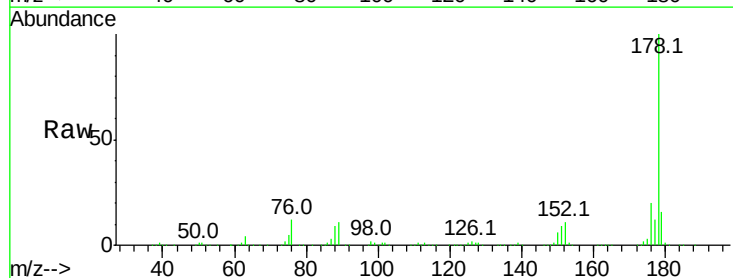
Manual Integrations
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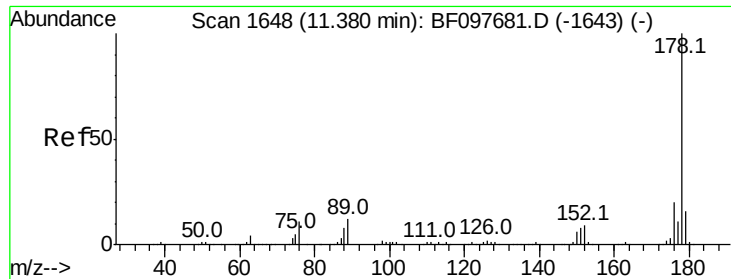
Sohil
 9/1/2017 5:29:13 PM



#70
 Phenanthrene
 Concen: 38.449 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	820319		
176	20.2	16.2	24.4	
179	15.9	12.6	19.0	





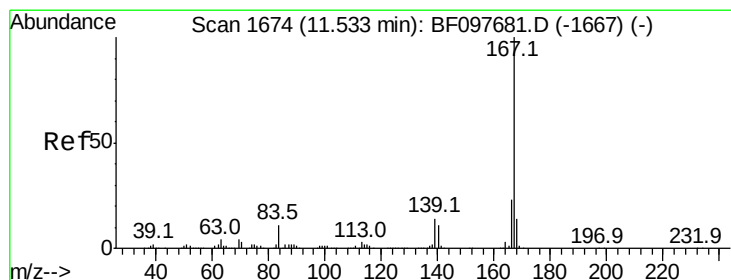
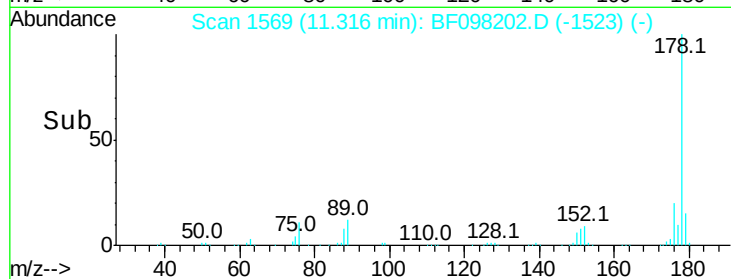
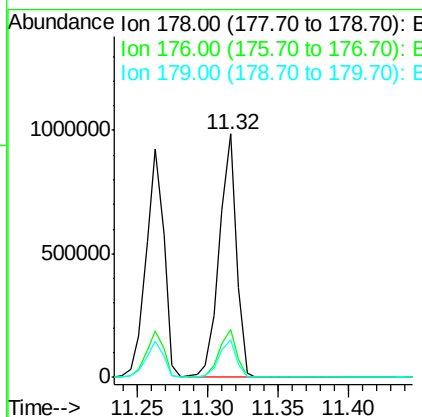
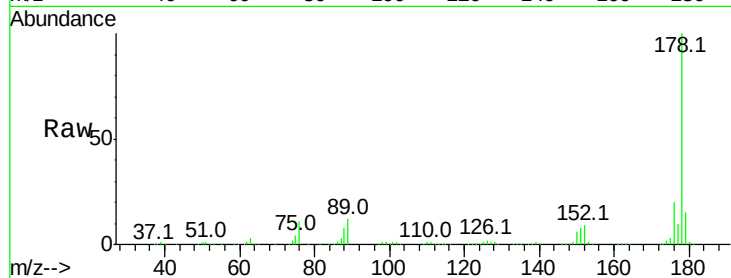
#71
 Anthracene
 Concen: 38.654 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.4	12.7	19.1

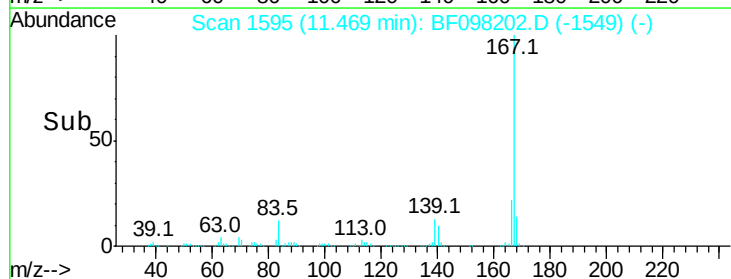
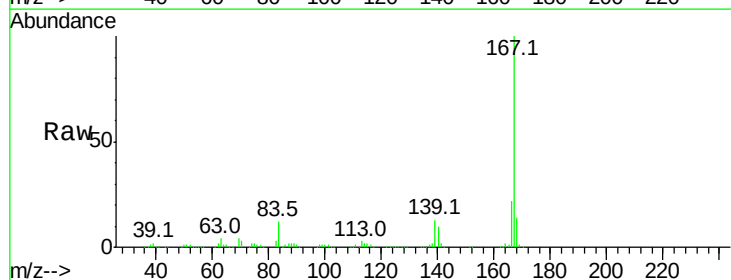
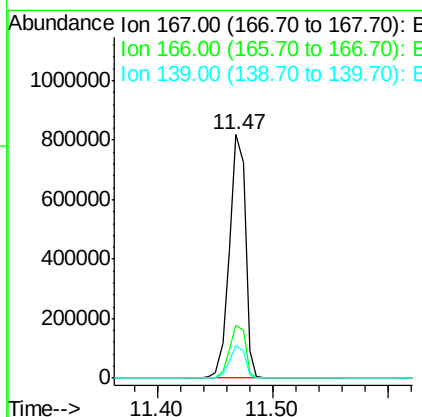
Manual Integrations
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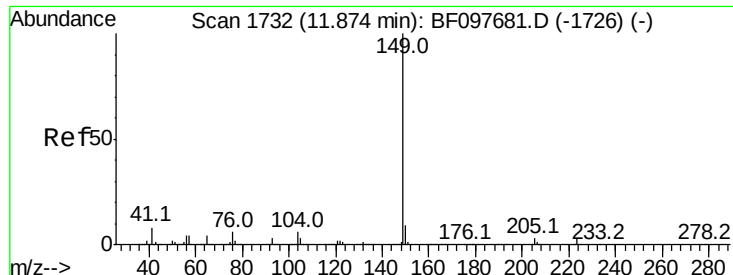
Sohil
 9/1/2017 5:29:13 PM



#72
 Carbazole
 Concen: 38.203 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.5	11.7	17.5





#73

Di-n-butylphthalate

Concen: 43.253 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.03 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

ClientSampleId :

PB101939BSD

Tot Ion:149 Resp: 1023361

Ion Ratio Lower Upper

149 100

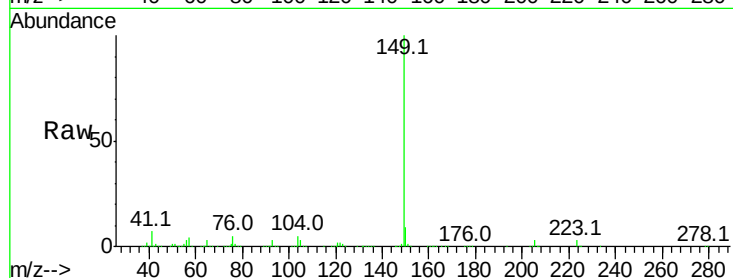
150 9.3 7.7 11.5

104 5.2 4.0 6.0

Manual Integrations
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Sohil

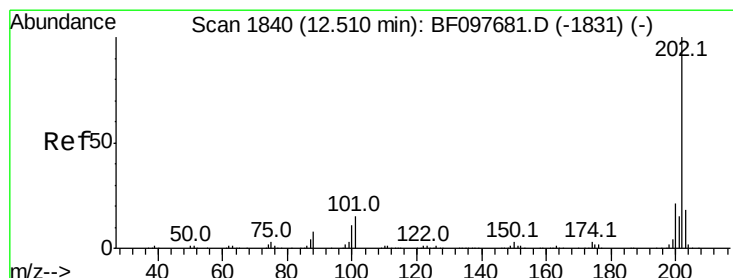
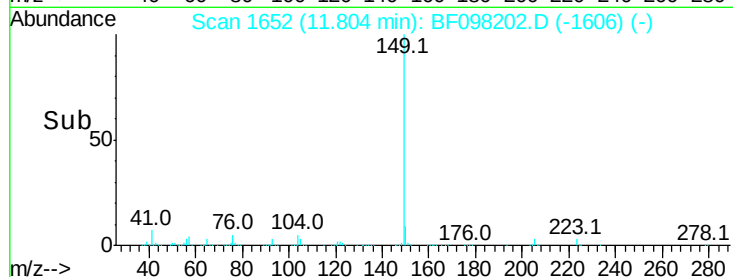
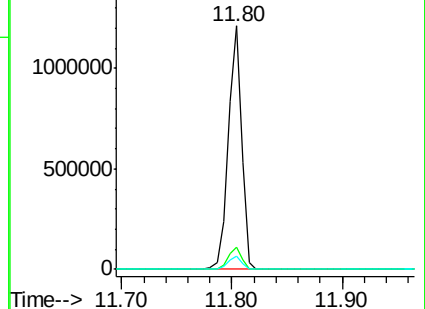
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.861 ng

RT: 12.44 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

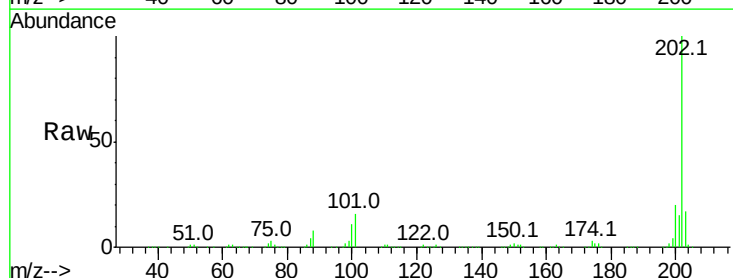
Tgt Ion:202 Resp: 865406

Ion Ratio Lower Upper

202 100

101 15.5 0.0 33.2

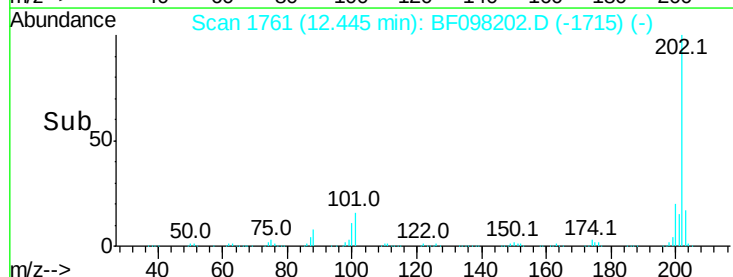
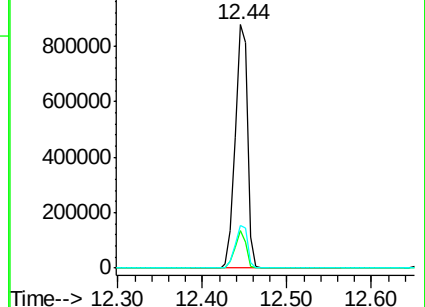
203 17.4 0.0 38.1

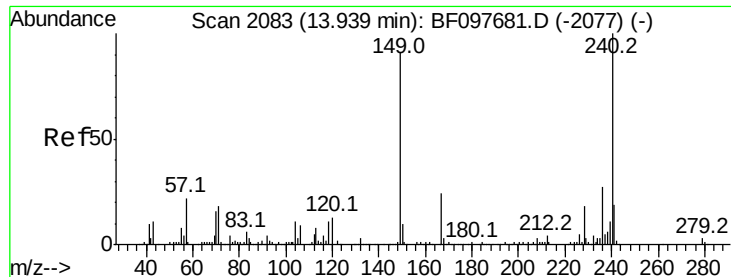


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

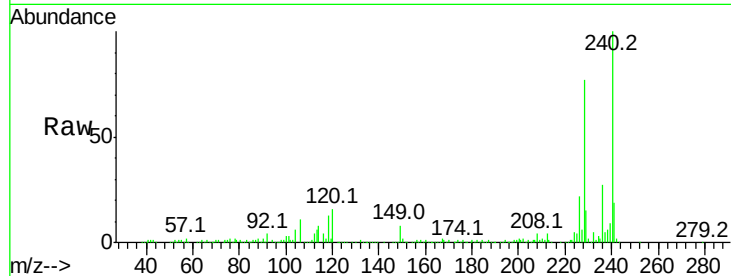
ClientSampleId :

PB101939BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	26.7	20.5	30.7

Manual Integrations
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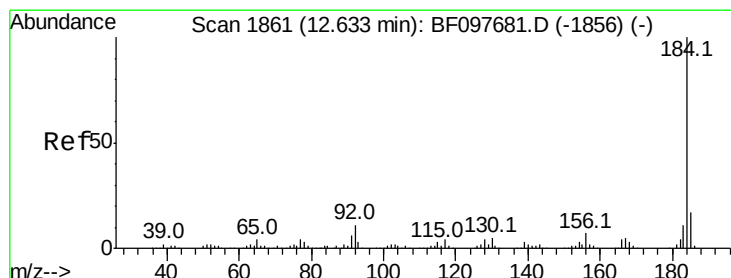
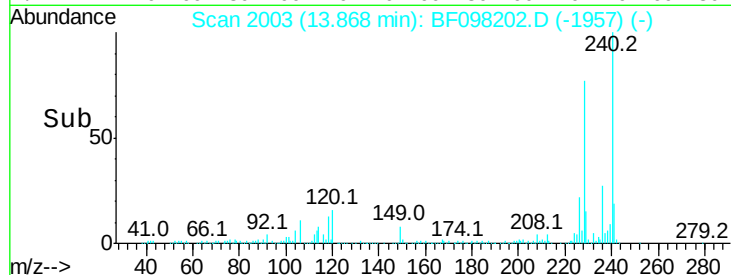
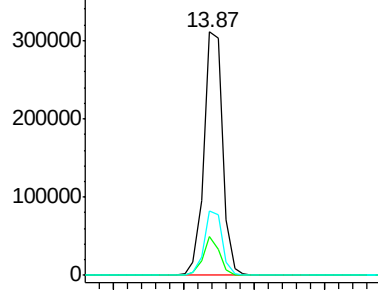
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.867 ng m

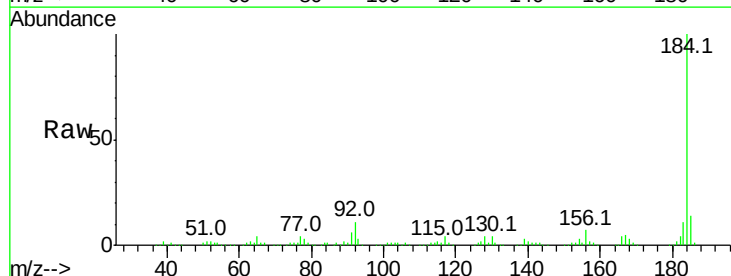
RT: 12.57 min Scan# 1782

Delta R.T. -0.03 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

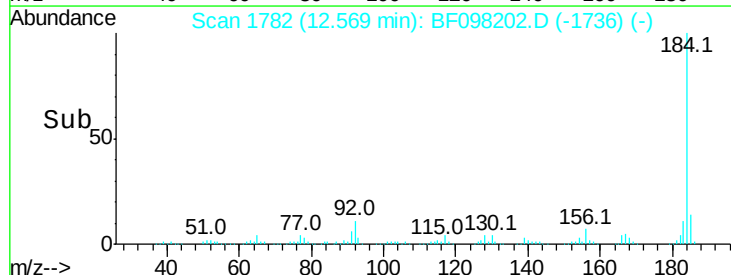
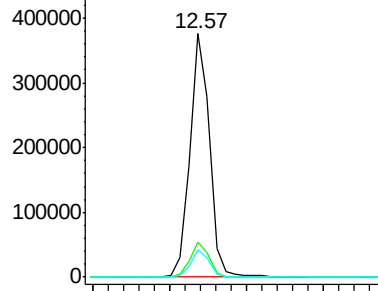
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	15.5	23.3#
183	11.0	9.8	14.6

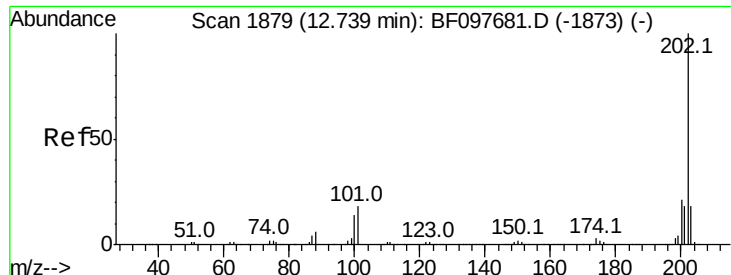


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





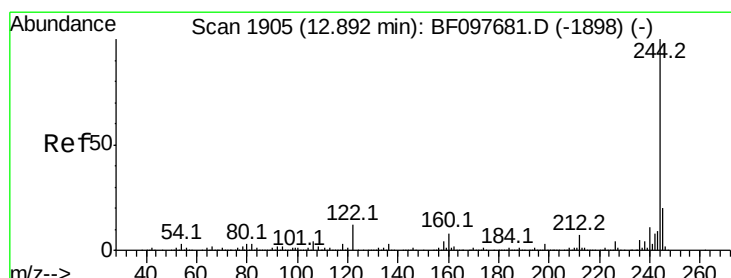
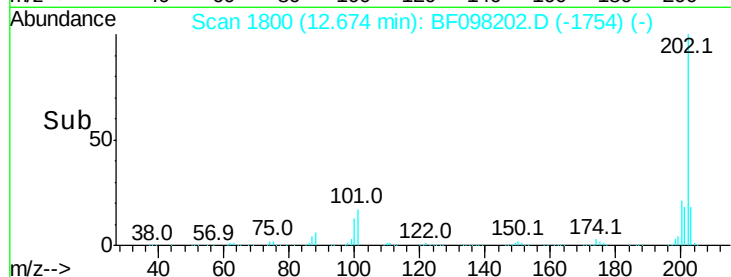
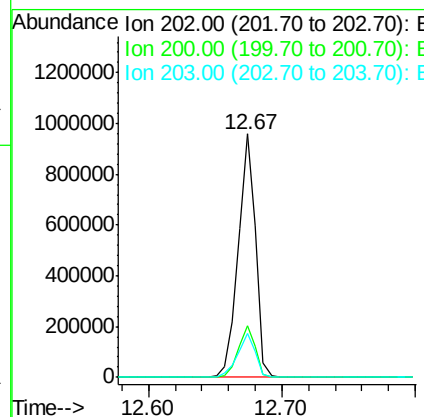
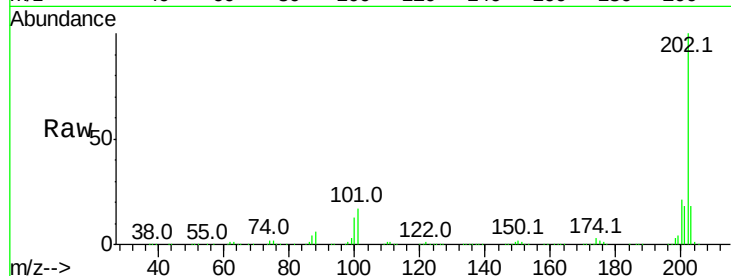
#77
 Pvrene
 Concen: 37.240 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	873823		
200	21.4		17.6	26.4
203	18.0		14.4	21.6

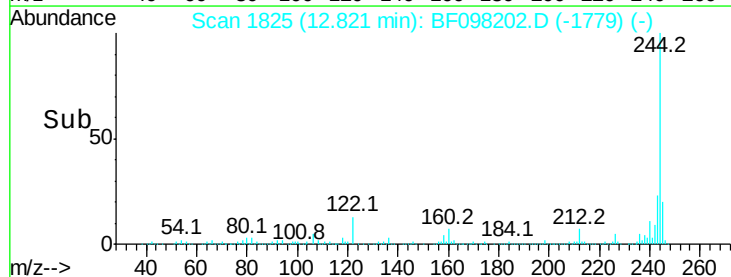
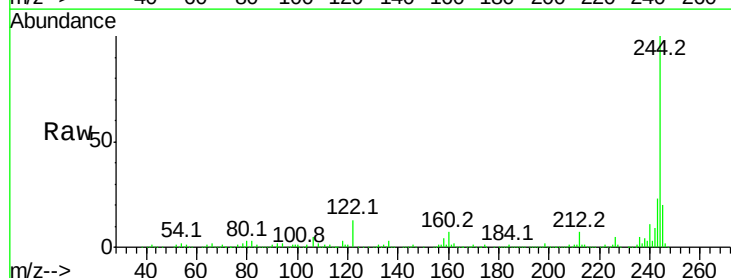
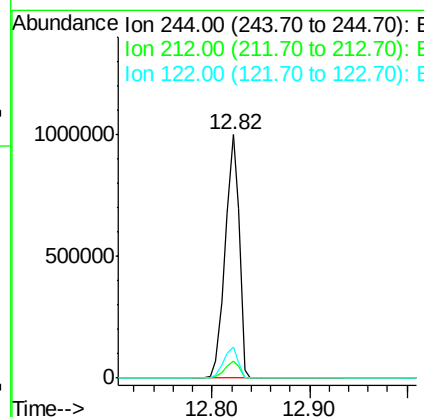
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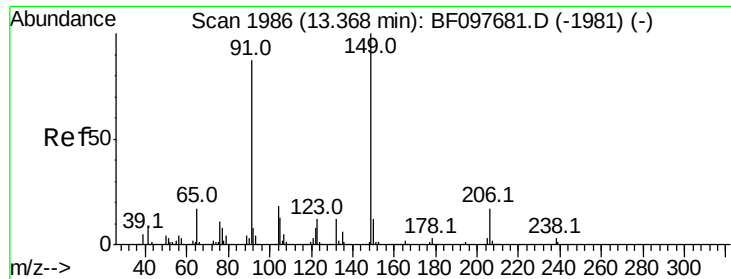
Sohil
 9/1/2017 5:29:13 PM



#78
 Terphenyl-d14
 Concen: 72.237 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	993819		
212	7.1		6.0	9.0
122	12.8		10.3	15.5





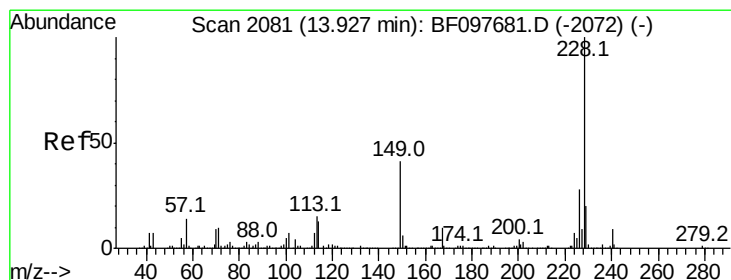
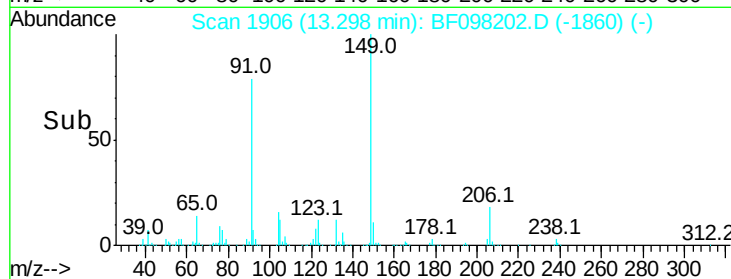
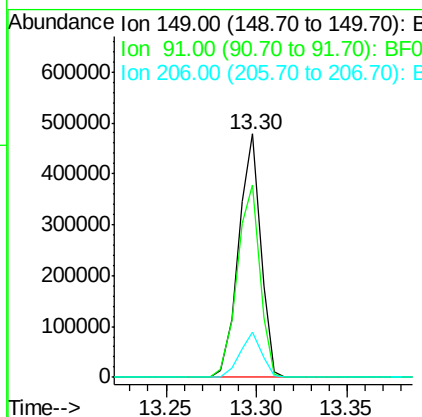
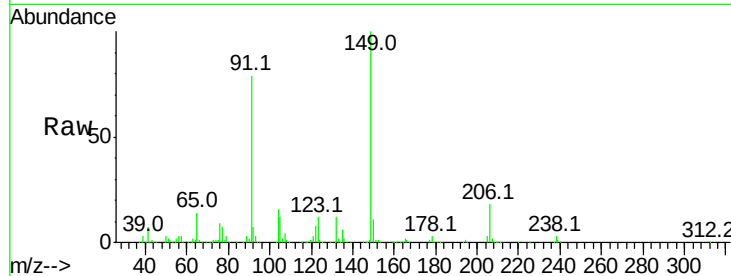
#79
Butylbenzylphthalate
Concen: 45.004 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.03 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Instrument :
BNA_F
ClientSampleId :
PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	404873		
91	79.1	45.0	67.4#	
206	18.4	17.0	25.6	

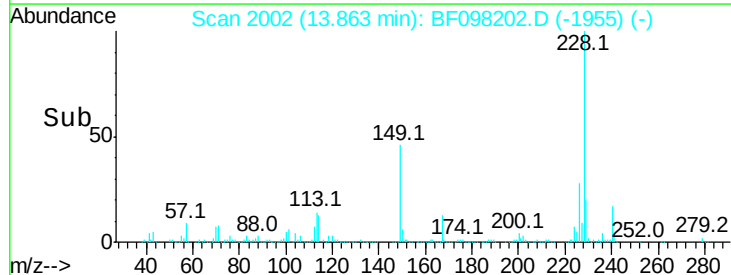
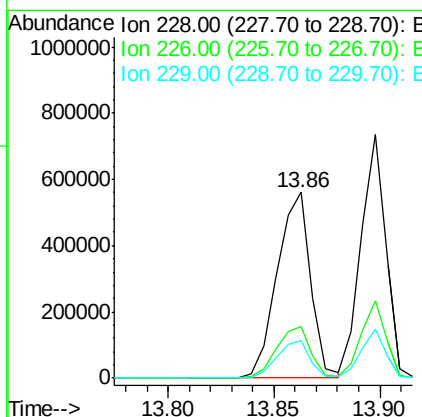
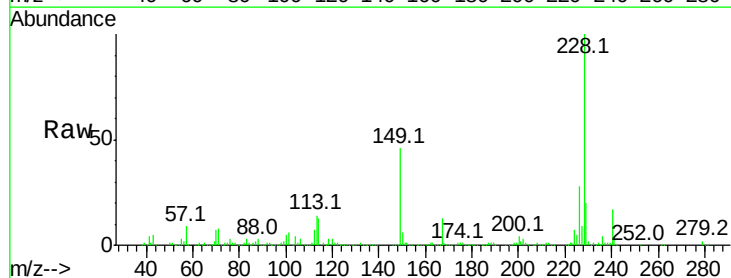
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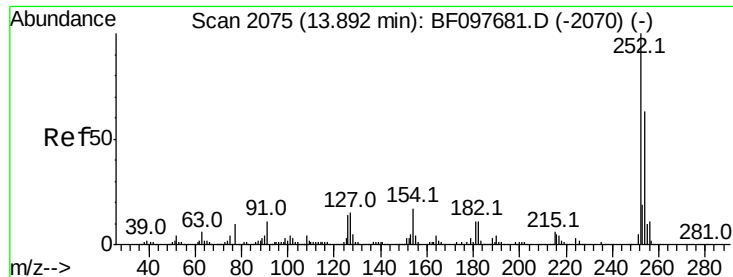
Sohil
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#80
Benzo(a)anthracene
Concen: 35.944 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	618042		
226	27.8	22.6	33.8	
229	20.1	16.3	24.5	





#81

3,3'-Dichlorobenzidine

Concen: 20.588 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.03 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Instrument :

BNA_F

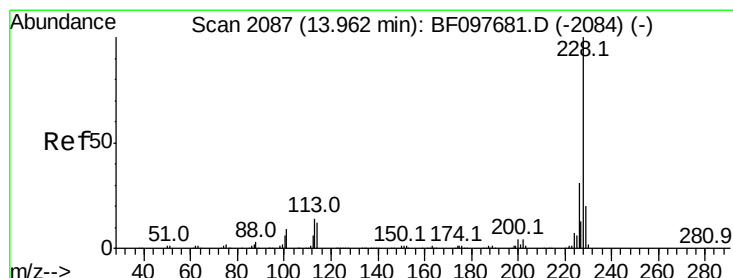
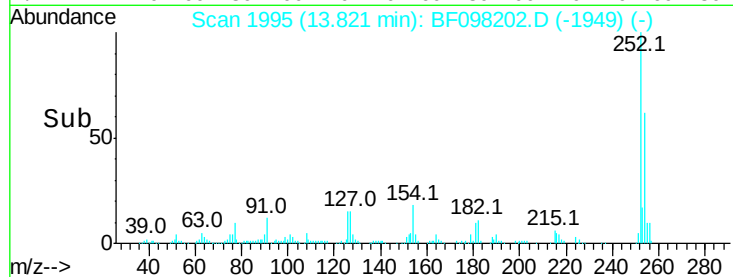
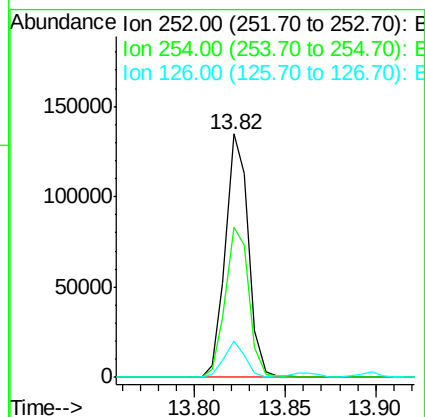
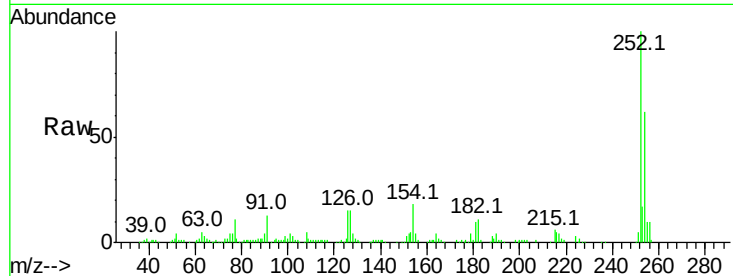
ClientSampleId :

PB101939BSD

Tot Ion:	252	Resp:	119455
Ion Ratio		Lower	Upper
252	100		
254	61.7	51.5	77.3
126	14.7	15.8	23.8#

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#82

Chrysene

Concen: 35.422 ng

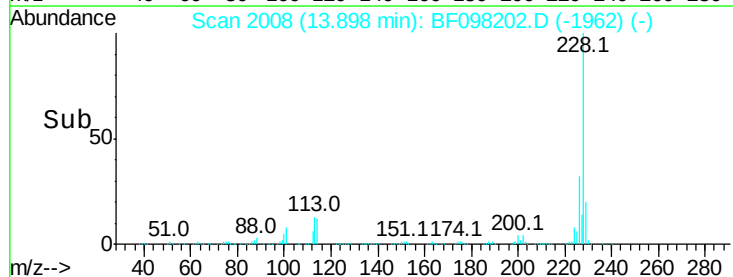
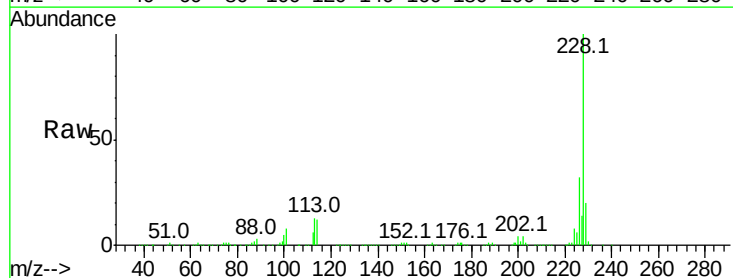
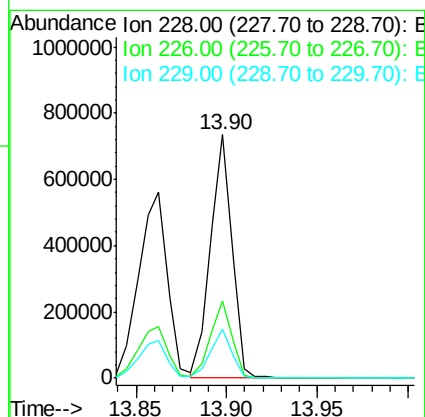
RT: 13.90 min Scan# 2008

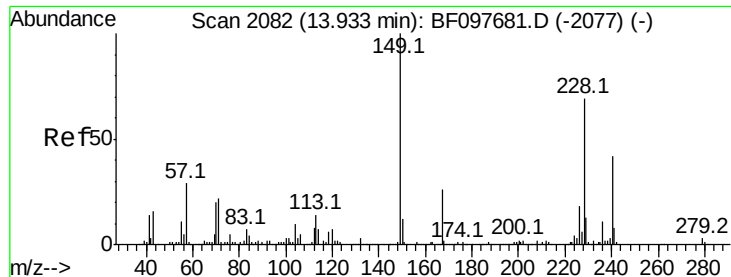
Delta R.T. -0.03 min

Lab File: BF098202.D

Acq: 31 Aug 2017 18:48

Tgt Ion:	228	Resp:	605884
Ion Ratio		Lower	Upper
228	100		
226	31.7	24.9	37.3
229	20.0	15.8	23.6





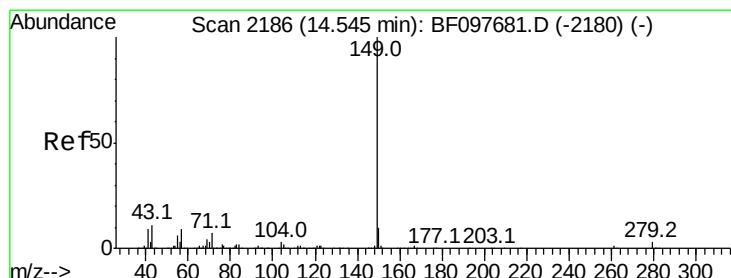
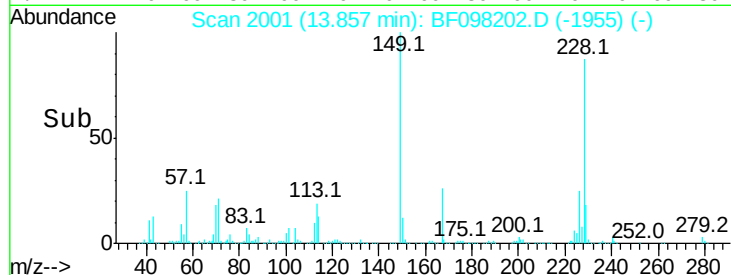
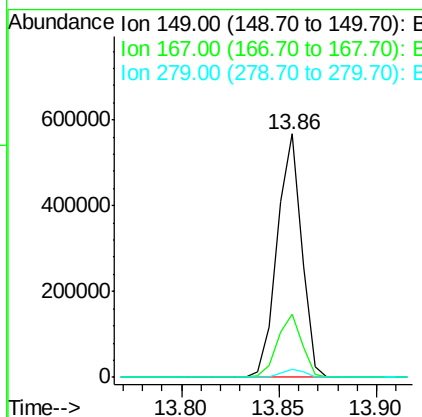
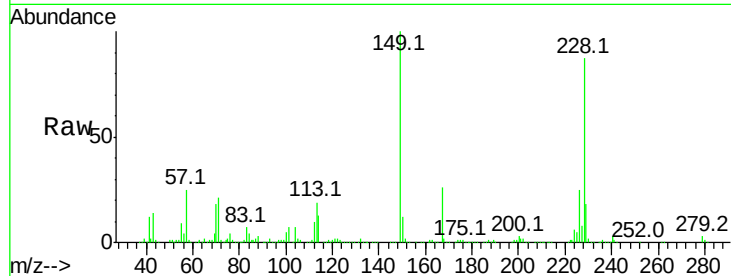
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.424 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	492706		
167	26.2		21.0	31.4
279	3.3		1.9	2.9#

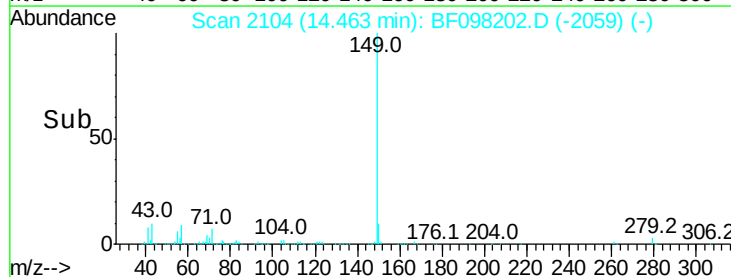
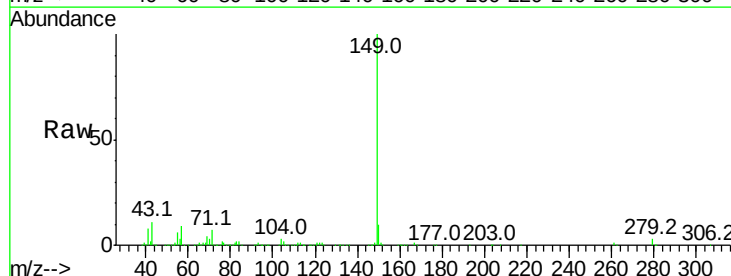
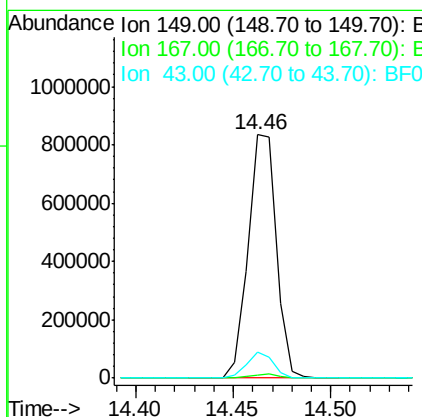
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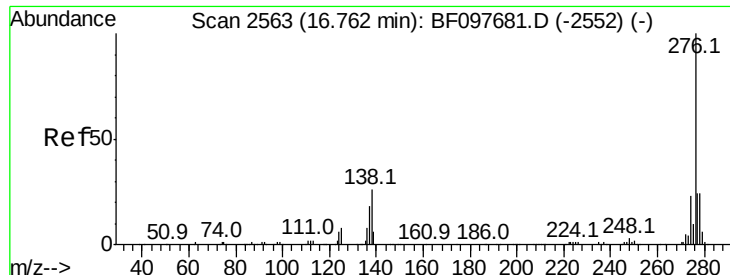
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#84
 Di-n-octyl phthalate
 Concen: 48.347 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. -0.04 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	838607		
167	1.6		1.2	1.8
43	9.6		8.5	12.7





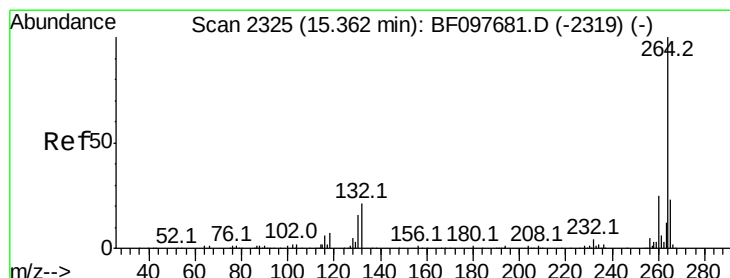
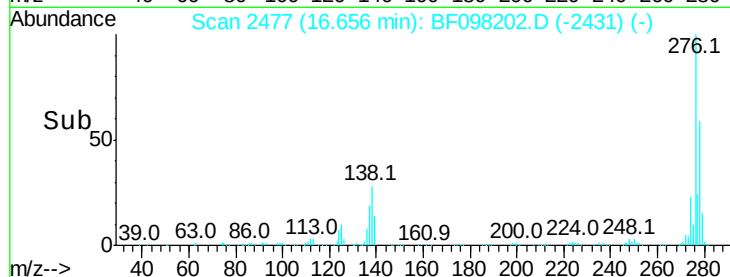
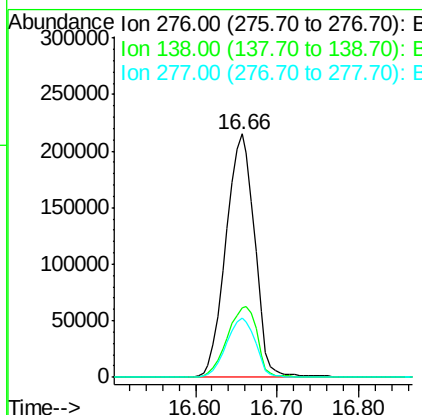
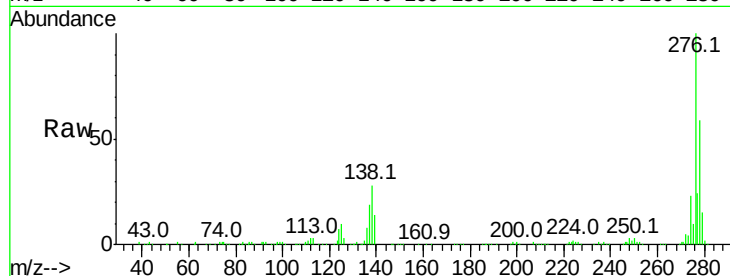
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.899 ng
 RT: 16.66 min Scan# 2477
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	527207		
138	30.5		27.8	41.6
277	24.7		20.2	30.4

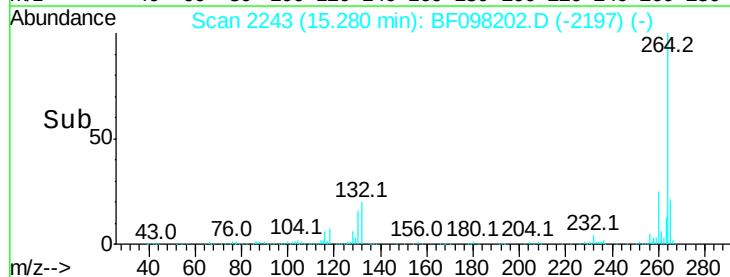
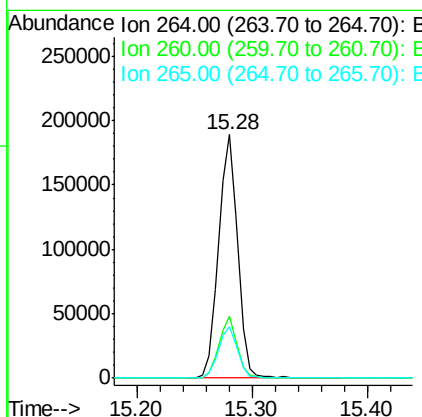
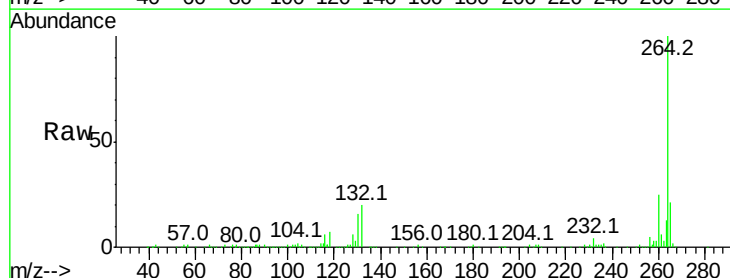
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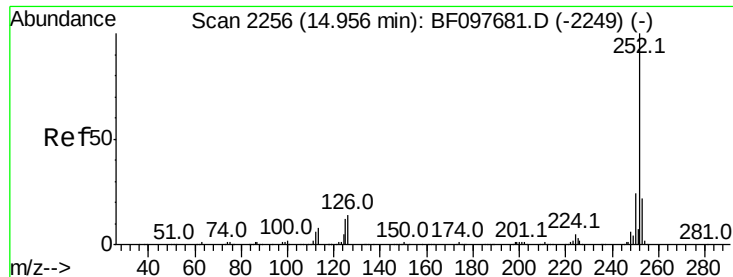
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	216629		
260	25.2		19.5	29.3
265	21.2		17.2	25.8





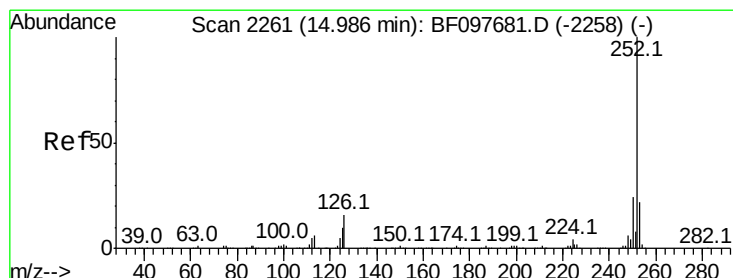
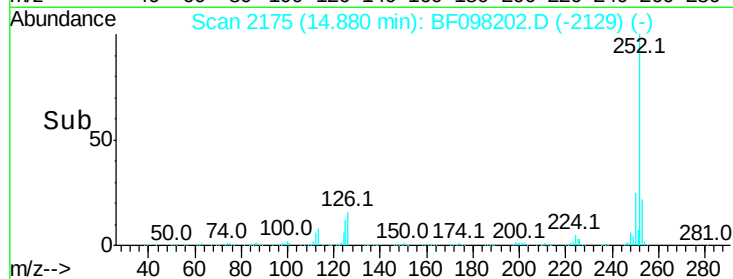
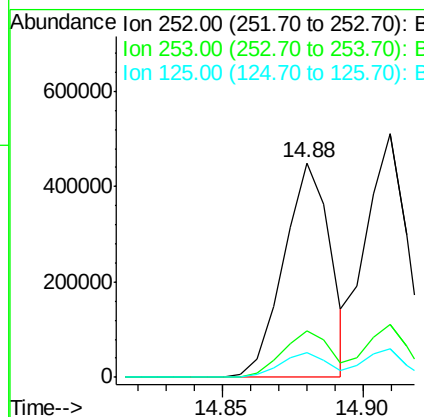
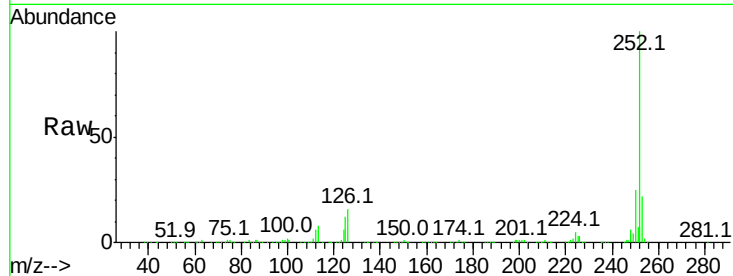
#87
Benzo(b)fluoranthene
Concen: 37.843 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.03 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Instrument :
BNA_F
ClientSampleId :
PB101939BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.7	9.8	14.8

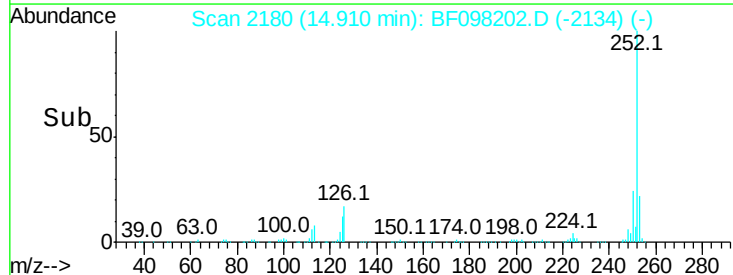
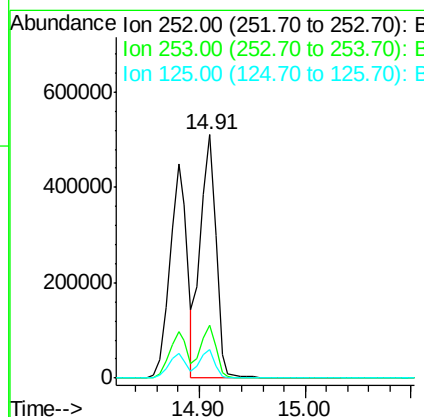
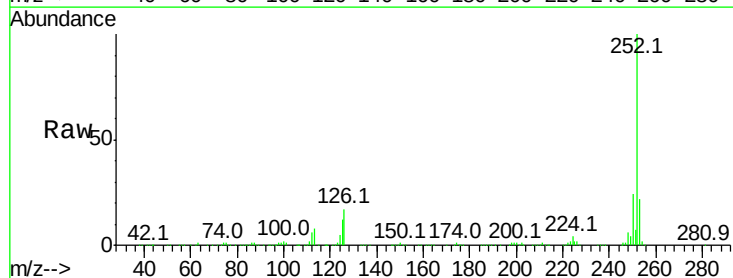
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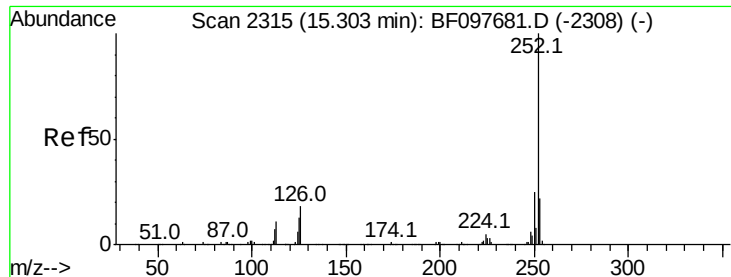
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#88
Benzo(k)fluoranthene
Concen: 40.430 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	11.5	13.1	19.7#





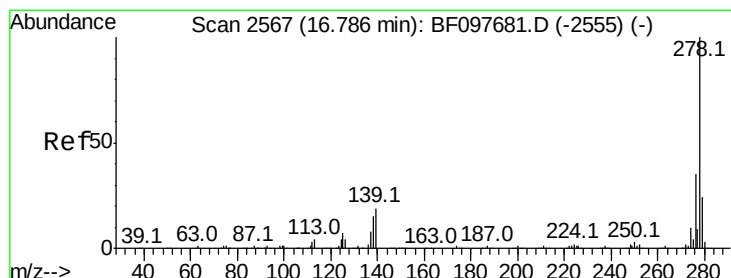
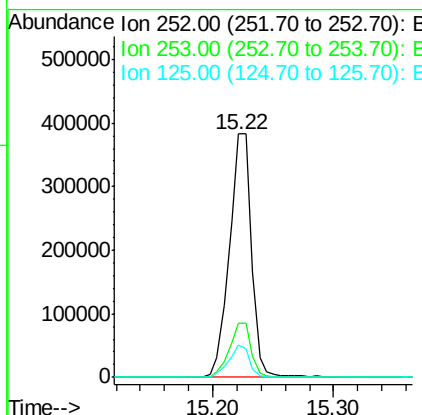
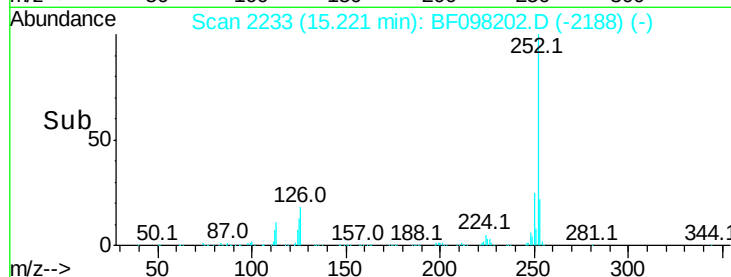
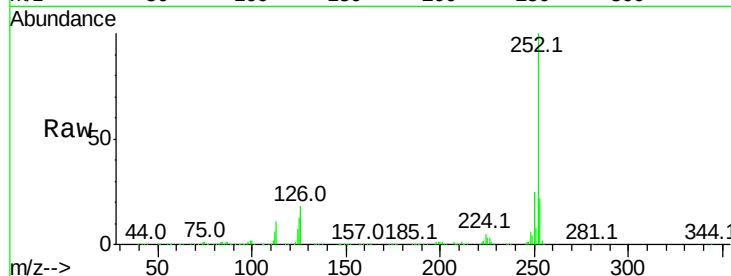
#89
Benzo(a)pyrene
Concen: 40.504 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.04 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Instrument :
BNA_F
ClientSampleId :
PB101939BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	13.5	11.0	16.4

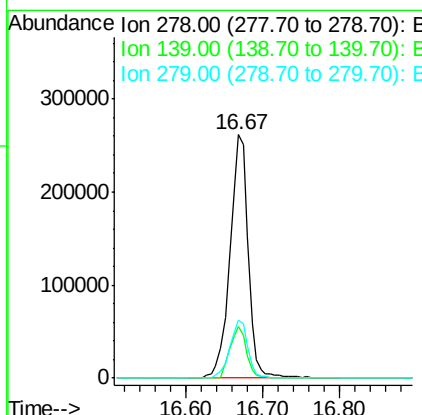
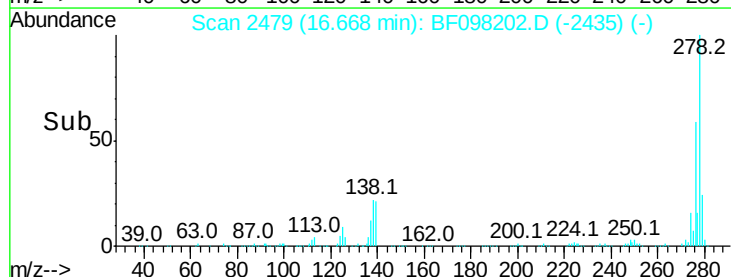
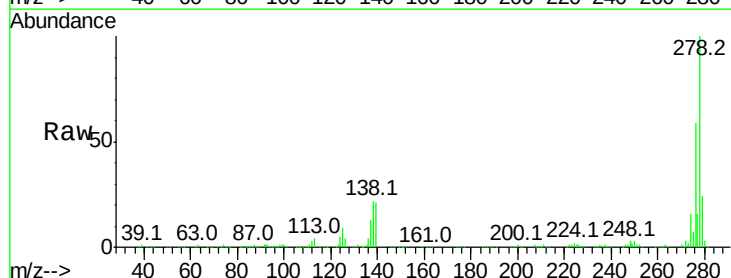
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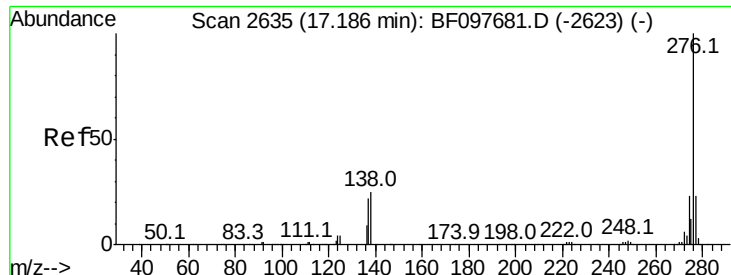
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#90
Dibenzo(a,h)anthracene
Concen: 44.227 ng
RT: 16.67 min Scan# 2479
Delta R.T. -0.04 min
Lab File: BF098202.D
Acq: 31 Aug 2017 18:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.6	24.8
279	24.0	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 43.939 ng
 RT: 17.07 min Scan# 2547
 Delta R.T. -0.04 min
 Lab File: BF098202.D
 Acq: 31 Aug 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101939BSD

Tot Ion:	276	Resp:	451191
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.6	28.0
138	26.0	25.4	38.0

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 9/1/2017 5:29:13 PM

