

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
 Data File : BF098200.D
 Acq On : 31 Aug 2017 17:52
 Operator : SJ/JU
 Sample : PB101916BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101916BS

Manual Integrations
 APPROVED

Sohil
 9/1/2017 5:28:52 PM

Quant Time: Sep 01 02:27:17 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	115643	20.00	ng	-0.04
21) Naphthalene-d8	8.00	136	471045	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	228612	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	466743	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	343471	20.00	ng	-0.02
86) Perylene-d12	15.28	264	253325	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	965838	127.04	ng	-0.01
7) Phenol-d6	6.37	99	1332103	128.96	ng	-0.02
23) Nitrobenzene-d5	7.29	82	831130	95.85	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	297211	149.84	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	1319298	84.79	ng	-0.03
78) Terphenyl-d14	12.83	244	1242529	75.44	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	151768	35.795	ng	87
3) Pyridine	3.16	79	430371	36.717	ng	# 85
4) n-Nitrosodimethylamine	3.12	42	163466	36.244	ng	# 74
6) Aniline	6.39	93	389575	26.846	ng	# 92
8) 2-Chlorophenol	6.51	128	343153	42.798	ng	99
9) Benzaldehyde	6.26	77	127699	19.517	ng	88
10) Phenol	6.38	94	488397	40.426	ng	95
11) bis(2-Chloroethyl)ether	6.46	93	386158	42.349	ng	94
12) 1,3-Dichlorobenzene	6.66	146	342376	39.698	ng	# 94
13) 1,4-Dichlorobenzene	6.73	146	348021	39.677	ng	# 93
14) 1,2-Dichlorobenzene	6.89	146	322770	39.908	ng	99
15) Benzyl Alcohol	6.87	79	331460	42.858	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	497125	40.520	ng	87
17) 2-Methylphenol	6.99	107	319382	45.202	ng	95
18) Hexachloroethane	7.23	117	139695	40.622	ng	# 80
19) n-Nitroso-di-n-propylamine	7.14	70	284514	40.234	ng	# 88
20) 3+4-Methylphenols	7.14	107	383260	44.410	ng	# 89
22) Acetophenone	7.13	105	504183	40.517	ng	# 90
24) Nitrobenzene	7.30	77	439543	45.527	ng	92
25) Isophorone	7.55	82	810452	44.950	ng	97
26) 2-Nitrophenol	7.62	139	185109	52.383	ng	# 83
27) 2,4-Dimethylphenol	7.66	122	327836	43.598	ng	93
28) bis(2-Chloroethoxy)methane	7.76	93	515543	43.493	ng	98
29) 2,4-Dichlorophenol	7.86	162	286395	45.883	ng	92
30) 1,2,4-Trichlorobenzene	7.95	180	284465	41.110	ng	99
31) Naphthalene	8.03	128	1013394	41.440	ng	99
32) Benzoic acid	7.81	122	236368	43.791	ng	88
33) 4-Chloroaniline	8.07	127	225542	21.869	ng	99
34) Hexachlorobutadiene	8.14	225	162624	40.252	ng	97
35) Caprolactam	8.46	113	106625m	50.247	ng	
36) 4-Chloro-3-methylphenol	8.57	107	356261	44.423	ng	# 81
37) 2-Methylnaphthalene	8.72	142	673135	44.897	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	267654	38.149	ng	# 98
40) Hexachlorocyclopentadiene	8.87	237	305022	90.496	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	202160	42.918	nq	98
43) 2,4,5-Trichlorophenol	9.04	196	211204	45.196	nq	96
45) 1,1'-Biphenyl	9.18	154	806381	38.680	nq	96
46) 2-Chloronaphthalene	9.20	162	590794	38.354	nq #	91
47) 2-Nitroaniline	9.30	65	236562	45.811	nq	96
48) Acenaphthylene	9.62	152	981123	40.561	nq	99
49) Dimethylphthalate	9.49	163	757285	45.317	nq	99
50) 2,6-Dinitrotoluene	9.55	165	161976	48.559	nq #	73
51) Acenaphthene	9.79	154	581192	38.097	nq	99
52) 3-Nitroaniline	9.72	138	132973	30.898	nq	90
53) 2,4-Dinitrophenol	9.83	184	155888	95.933	nq #	77
54) Dibenzofuran	9.96	168	882463	43.160	nq	100
55) 4-Nitrophenol	9.89	139	284049	82.739	nq #	47
56) 2,4-Dinitrotoluene	9.96	165	212219	50.696	nq #	61
57) Fluorene	10.31	166	668154	42.267	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.09	232	184333	50.949	nq	92
59) Diethylphthalate	10.19	149	796825	45.597	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	316611	43.112	nq	88
61) 4-Nitroaniline	10.34	138	194890	47.647	nq	82
62) Azobenzene	10.46	77	910976	43.886	nq	92
64) 4,6-Dinitro-2-methylphenol	10.36	198	104866	47.734	nq	87
65) n-Nitrosodiphenylamine	10.42	169	631863	39.755	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	202025	41.682	nq	96
67) Hexachlorobenzene	10.85	284	197989	40.077	nq #	84
68) Atrazine	10.95	200	207714	49.279	nq	97
69) Pentachlorophenol	11.05	266	226089	78.492	nq	99
70) Phenanthrene	11.27	178	1008616	40.553	nq	99
71) Anthracene	11.32	178	1045181	41.432	nq	100
72) Carbazole	11.47	167	975287	40.730	nq	98
73) Di-n-butylphthalate	11.80	149	1314044	47.642	nq	100
74) Fluoranthene	12.45	202	1087333	41.885	nq	99
76) Benzidine	12.57	184	445116	39.525	nq #	91
77) Pyrene	12.68	202	1091462	38.853	nq	99
79) Butylbenzylphthalate	13.30	149	545072	50.608	nq #	71
80) Benzo(a)anthracene	13.86	228	786769	38.219	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	196216	28.247	nq #	95
82) Chrysene	13.90	228	802979	39.212	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	669169	56.068	nq #	100
84) Di-n-octyl phthalate	14.47	149	1182361	56.936	nq	97
85) Indeno(1,2,3-cd)pyrene	16.66	276	628836	41.743	nq	95
87) Benzo(b)fluoranthene	14.89	252	708887	44.395	nq	97
88) Benzo(k)fluoranthene	14.91	252	622568	41.499	nq #	95
89) Benzo(a)pyrene	15.23	252	623205	44.087	nq	99
90) Dibenzo(a,h)anthracene	16.67	278	518041	45.015	nq	99
91) Benzo(g,h,i)perylene	17.07	276	529452	44.092	nq #	93

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

```

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Misc      :
ALS Vial  : 3      Sample Multiplier: 1

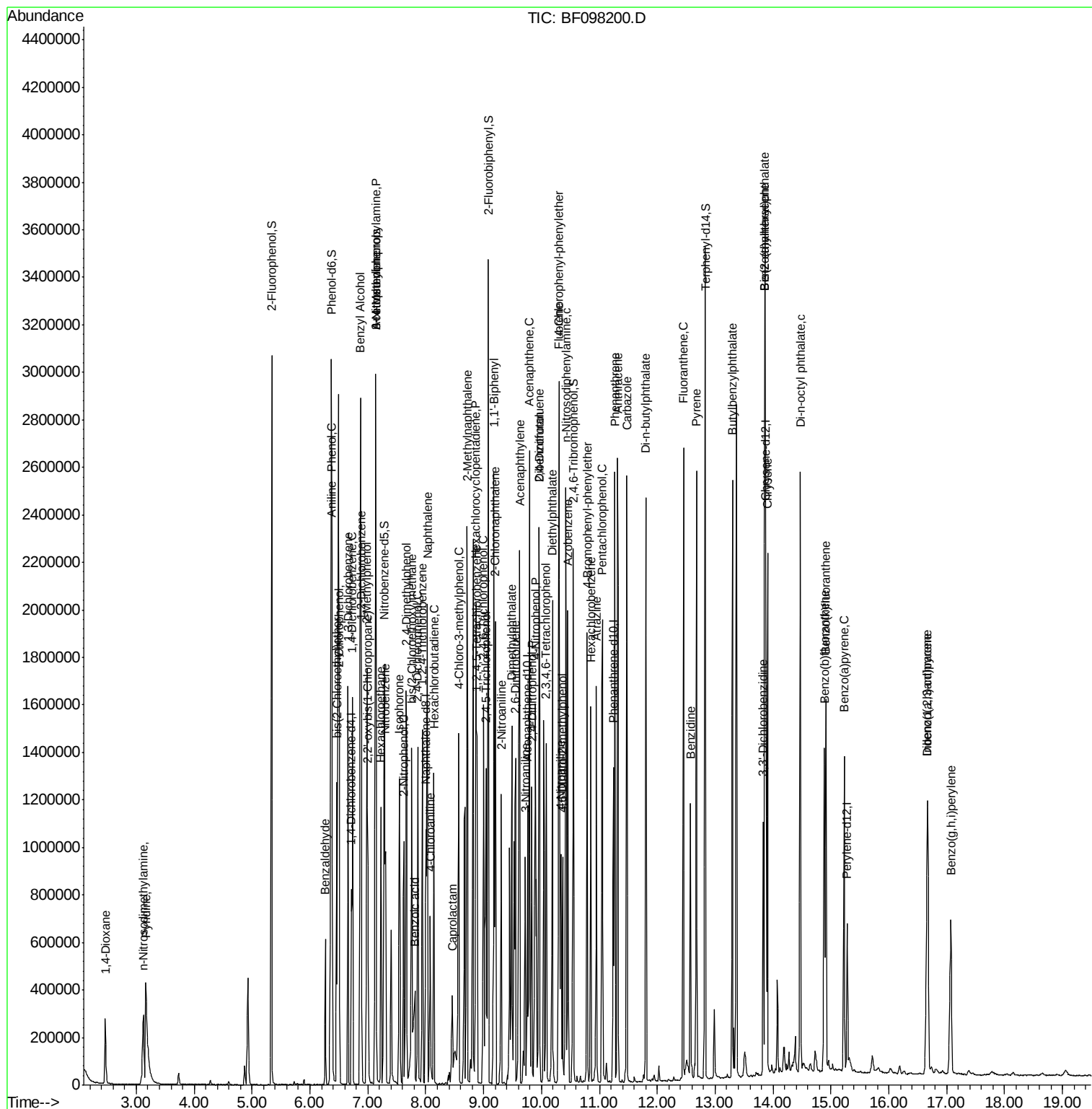
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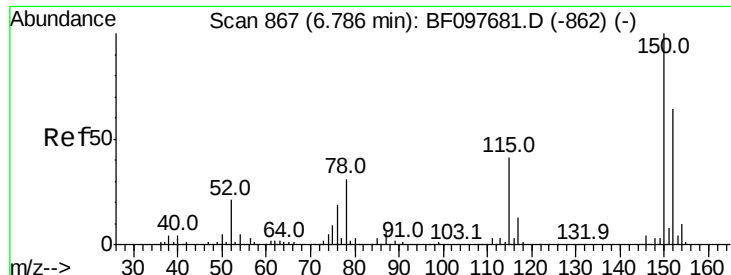
Instrument :
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#1

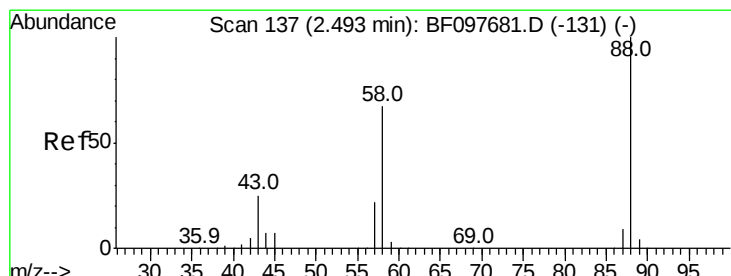
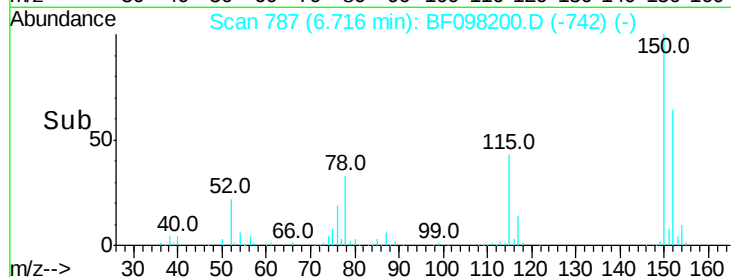
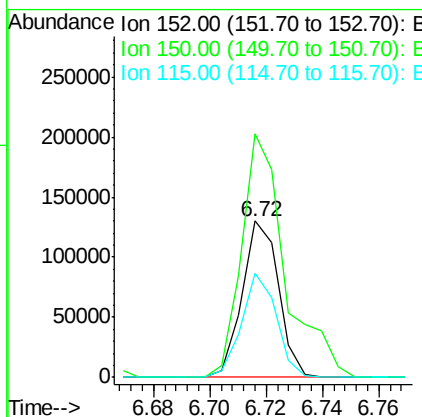
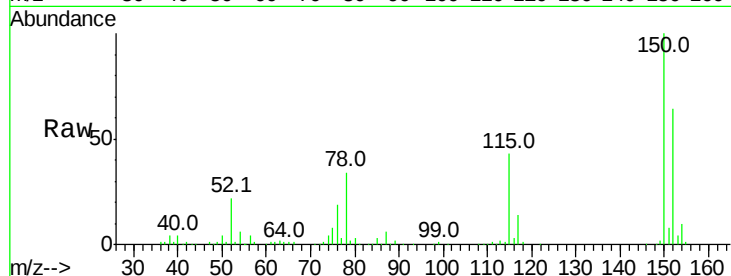
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.04 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	66.7	52.2	78.2

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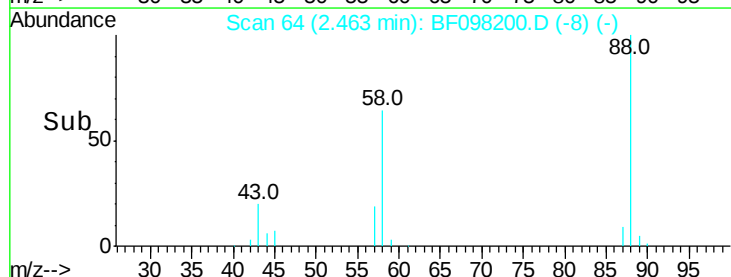
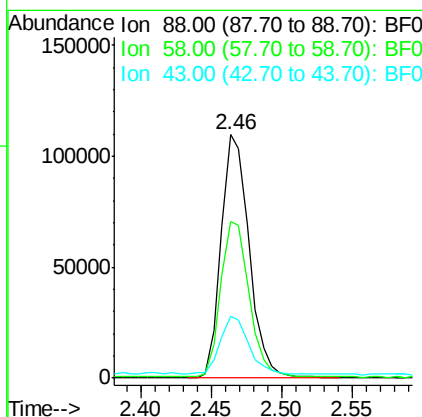
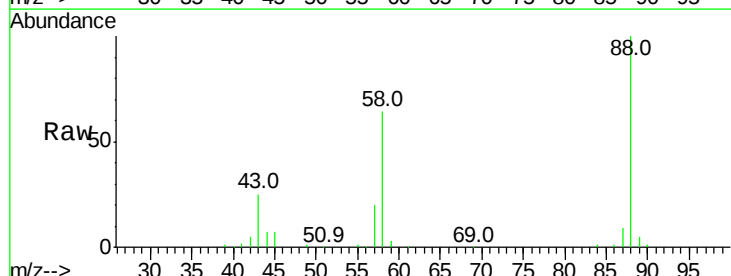
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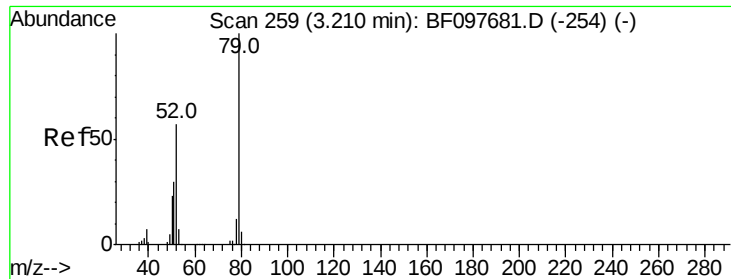


#2

1,4-Dioxane
Concen: 35.795 ng
RT: 2.46 min Scan# 64
Delta R.T. 0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.6	61.4	92.0
43	24.0	23.4	35.0





#3

Pvridine

Concen: 36.717 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.03 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Instrument :

BNA_F

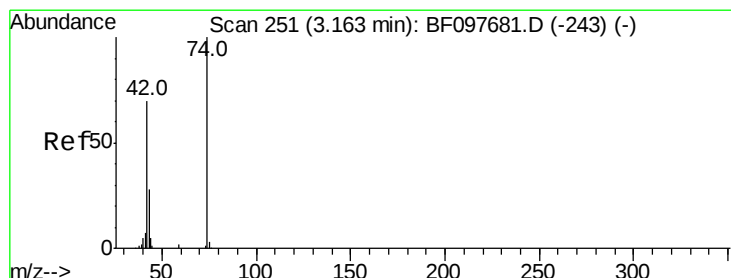
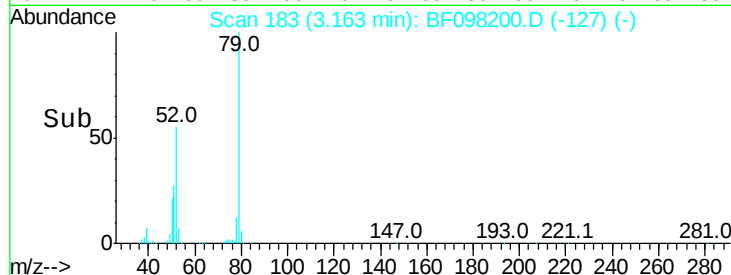
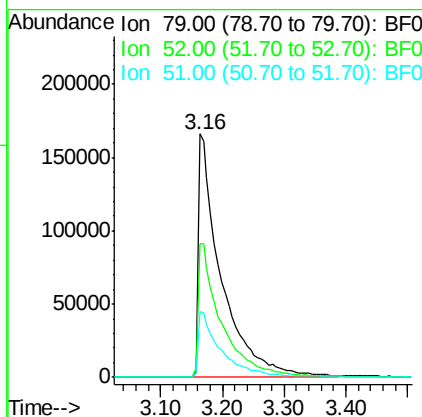
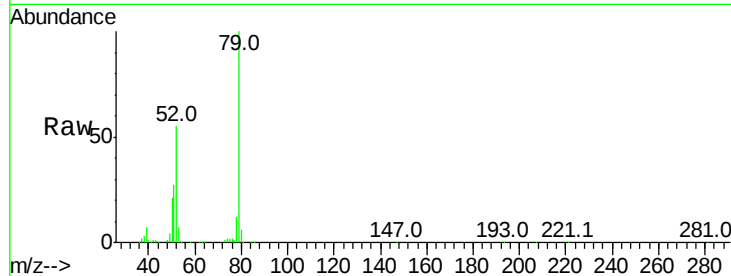
ClientSampleId :

PB101916BS

Tot Ion:	79	Resp:	430371
Ion Ratio	Lower	Upper	
79	100		
52	54.9	54.8	82.2
51	26.8	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 36.244 ng

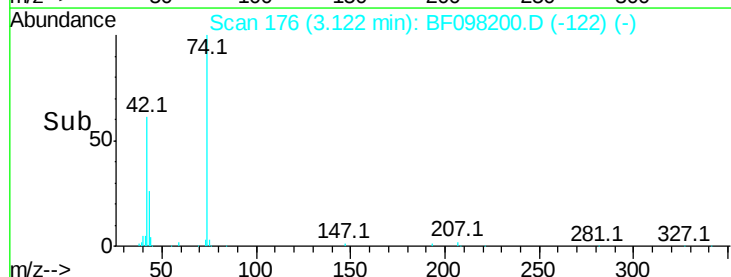
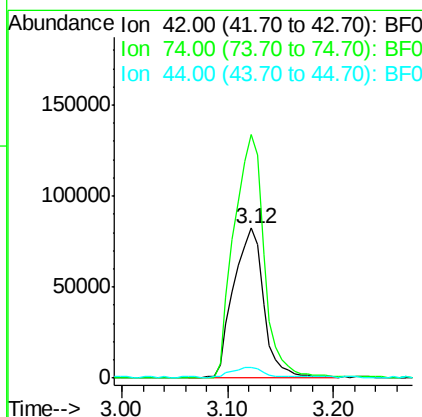
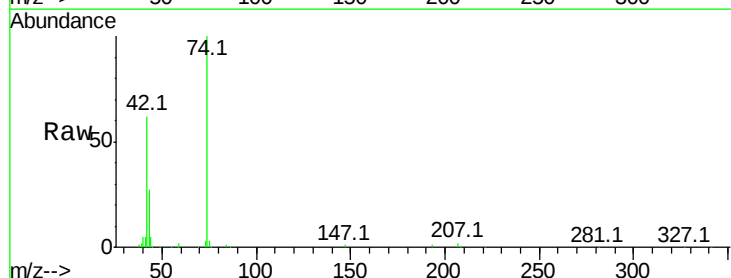
RT: 3.12 min Scan# 176

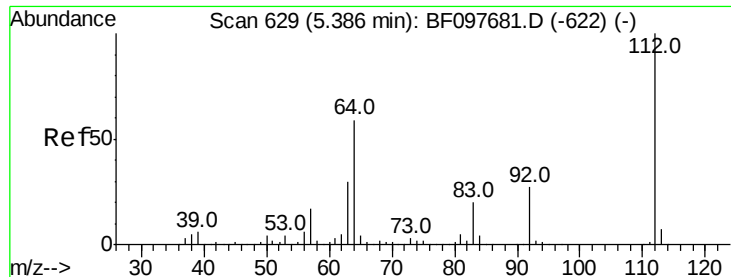
Delta R.T. 0.02 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Tgt Ion:	42	Resp:	163466
Ion Ratio	Lower	Upper	
42	100		
74	162.4	103.9	155.9#
44	7.5	5.7	8.5





#5

2-Fluorophenol

Concen: 127.038 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Instrument :

BNA_F

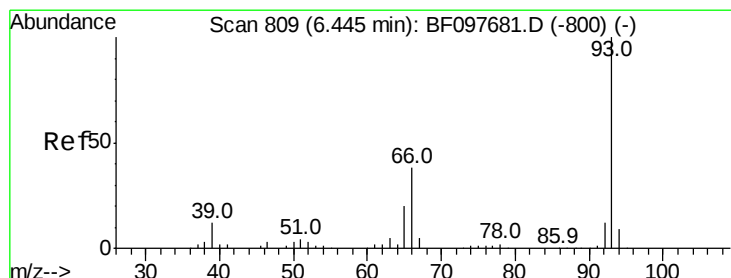
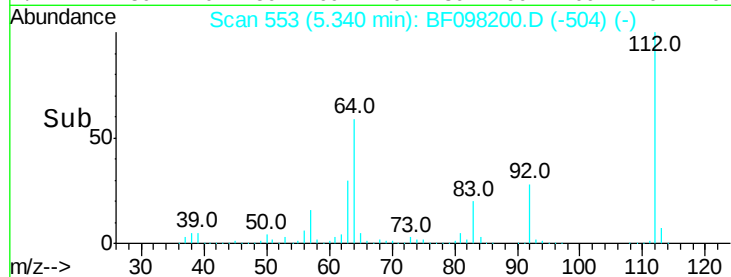
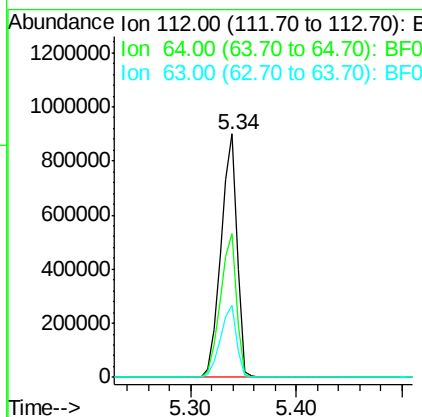
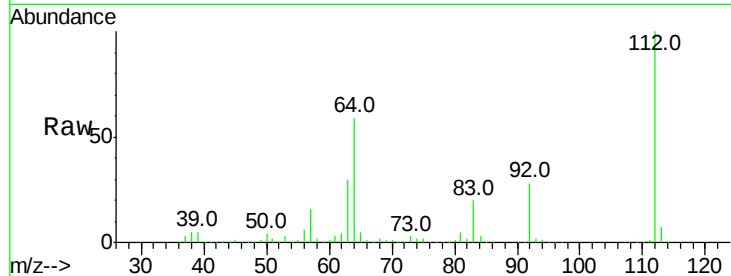
ClientSampleId :

PB101916BS

Tot Ion:	112	Resp:	965838
Ion Ratio	Lower	Upper	
112	100		
64	59.2	46.0	69.0
63	29.7	23.4	35.0

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#6

Aniline

Concen: 26.846 ng

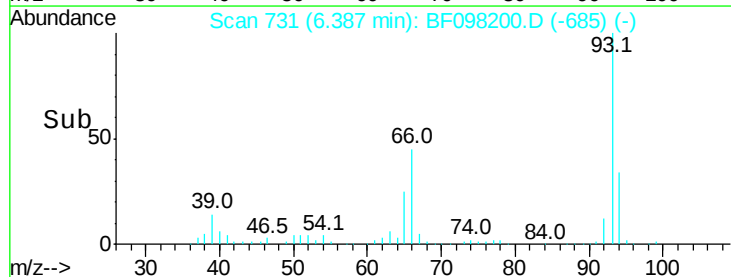
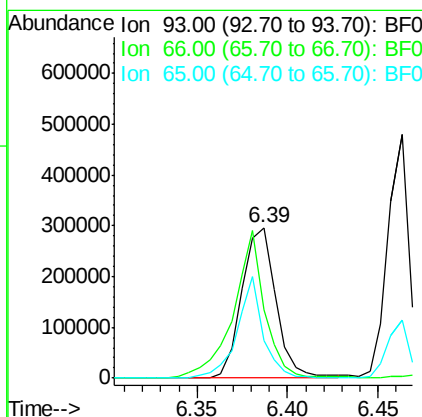
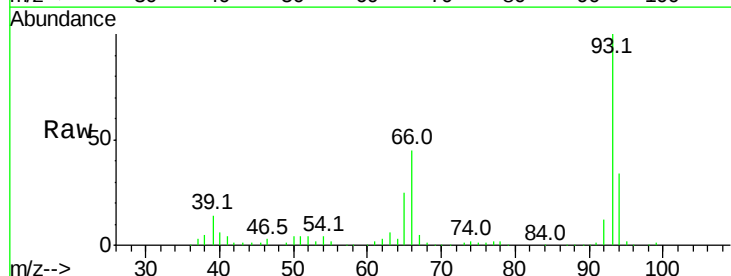
RT: 6.39 min Scan# 731

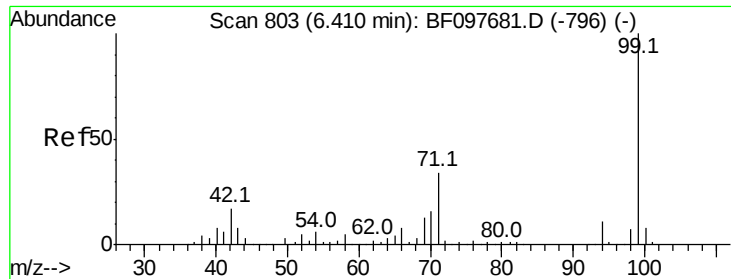
Delta R.T. -0.03 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Tgt Ion:	93	Resp:	389575
Ion Ratio	Lower	Upper	
93	100		
66	45.4	32.9	49.3
65	25.2	16.0	24.0#





#7

Phenol-d6

Concen: 128.956 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101916BS

Tot Ion: 99 Resp: 1332103

Ion Ratio Lower Upper

99 100

42 14.1 13.5 20.3

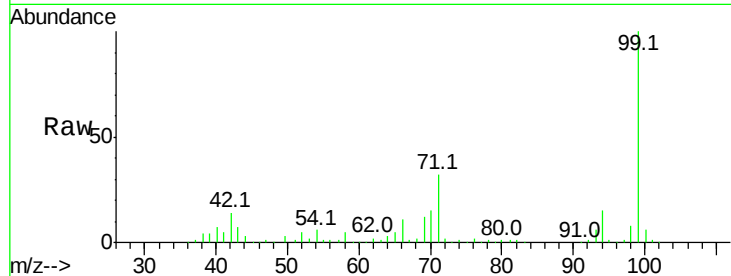
71 31.8 24.5 36.7

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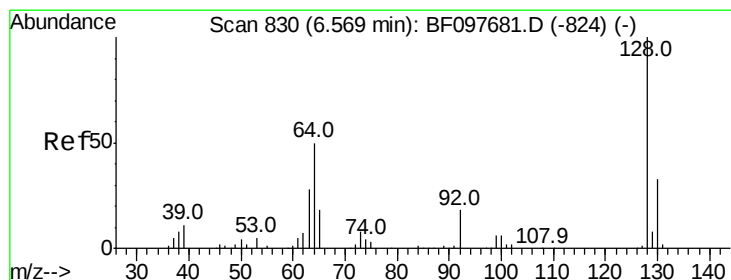
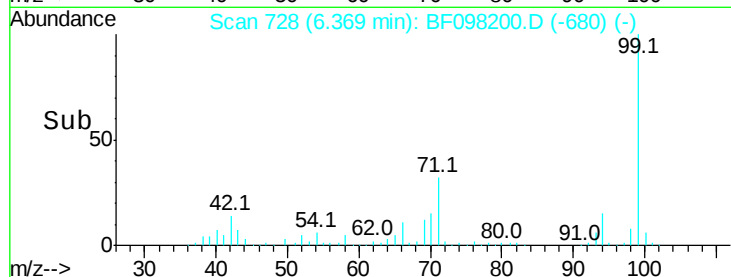
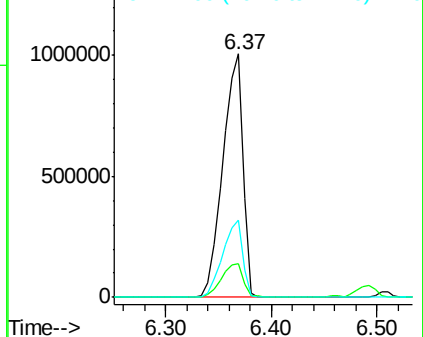
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.798 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

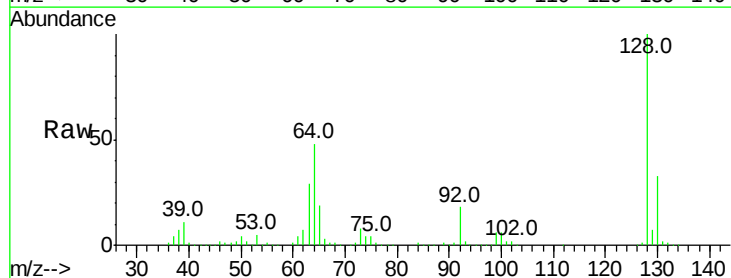
Tgt Ion:128 Resp: 343153

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

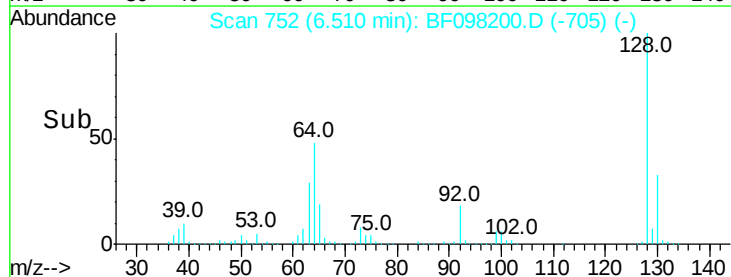
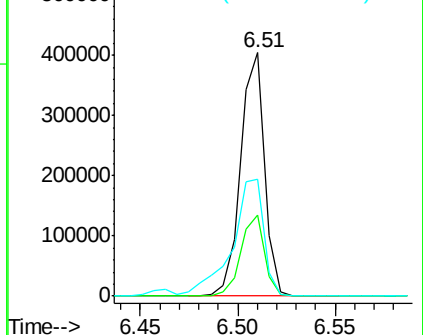
64 48.0 28.4 68.4

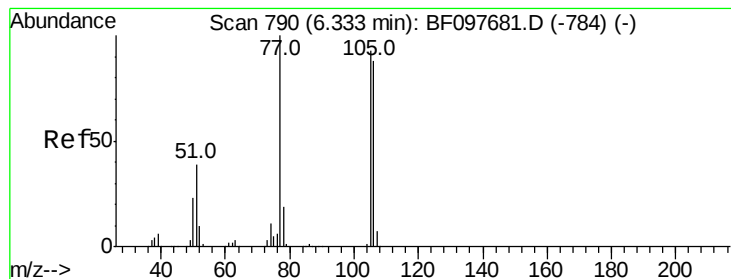


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.517 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.04 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Instrument :

BNA_F

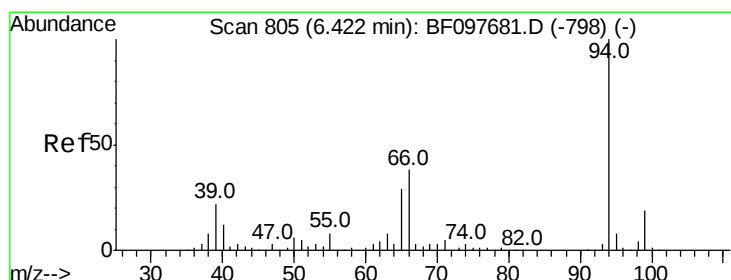
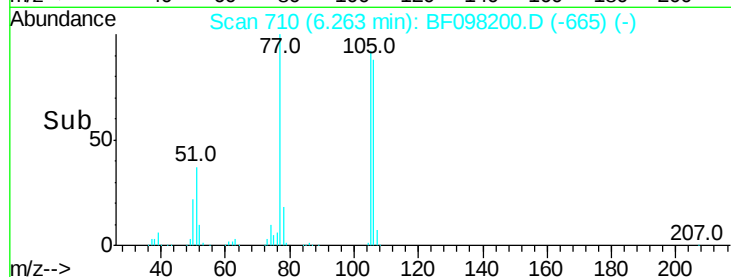
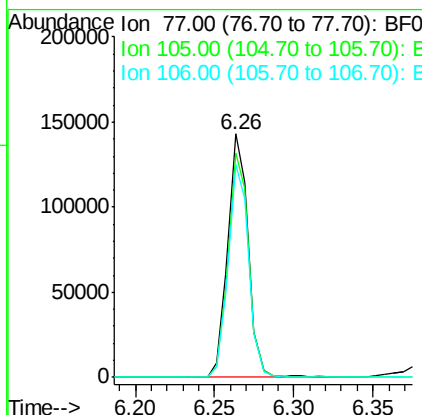
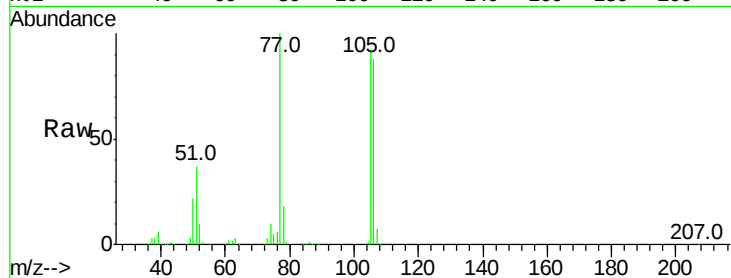
ClientSampleId :

PB101916BS

Tot Ion:	77	Resp:	127699
Ion	Ratio	Lower	Upper
77	100		
105	91.9	83.8	123.8
106	87.5	79.1	119.1

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#10

Phenol

Concen: 40.426 ng

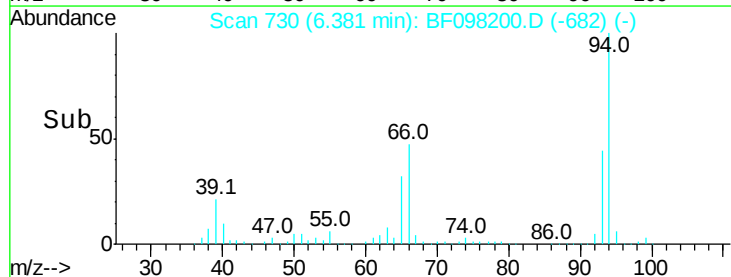
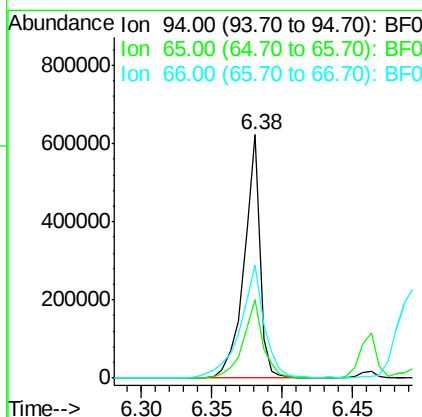
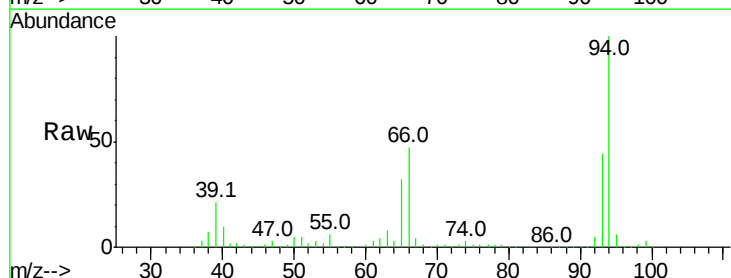
RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Tgt Ion:	94	Resp:	488397
Ion	Ratio	Lower	Upper
94	100		
65	32.1	9.9	49.9
66	46.6	23.1	63.1





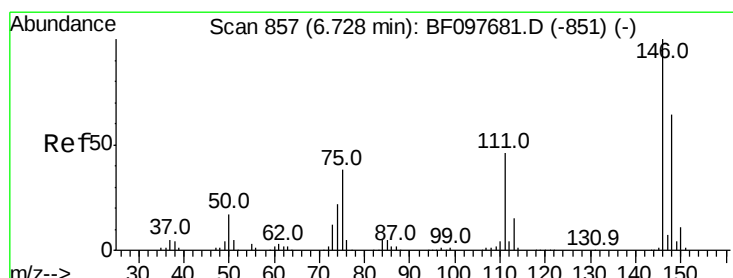
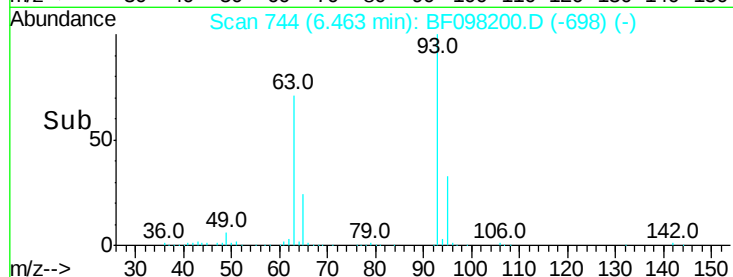
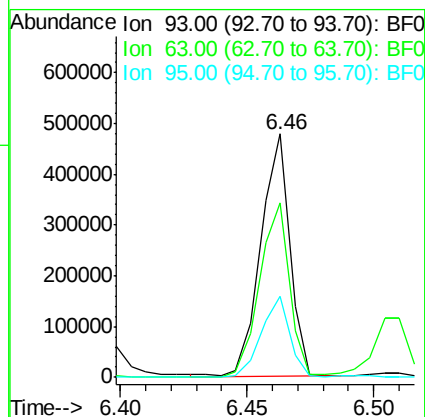
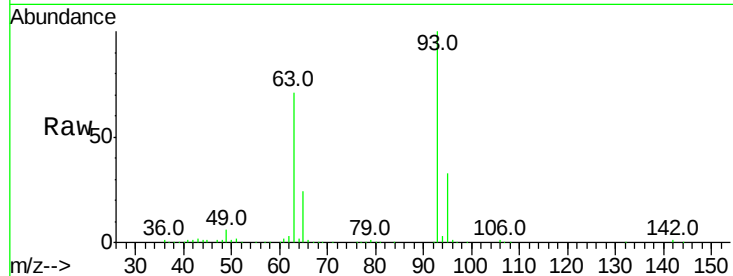
#11
bis(2-Chloroethyl)ether
Concen: 42.349 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	71.5	59.2	99.2	
95	33.2	12.8	52.8	

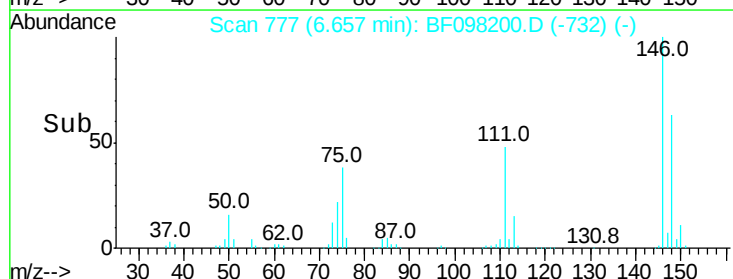
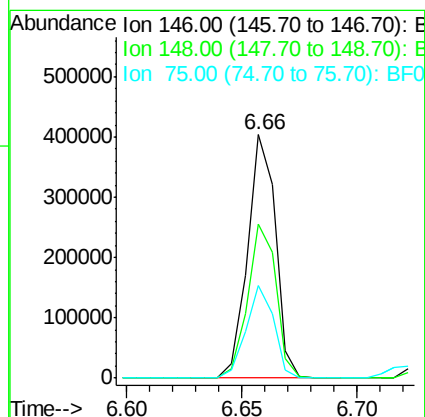
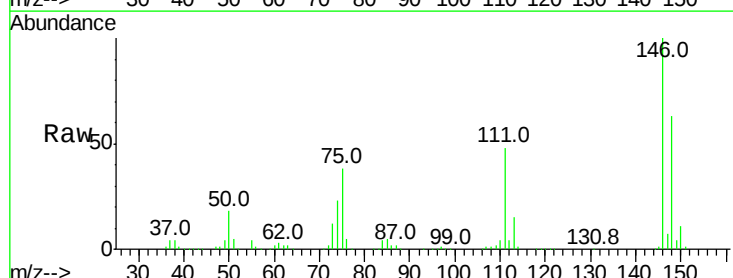
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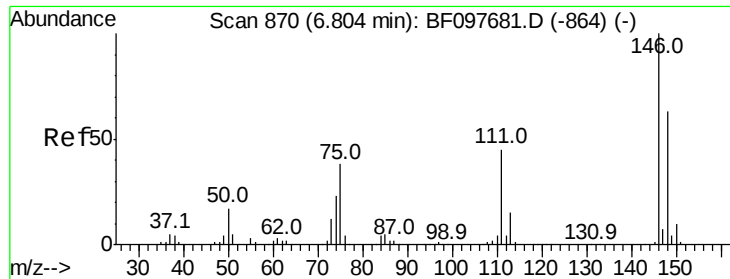
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.698 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.4	51.8	77.6	
75	38.1	23.1	34.7#	





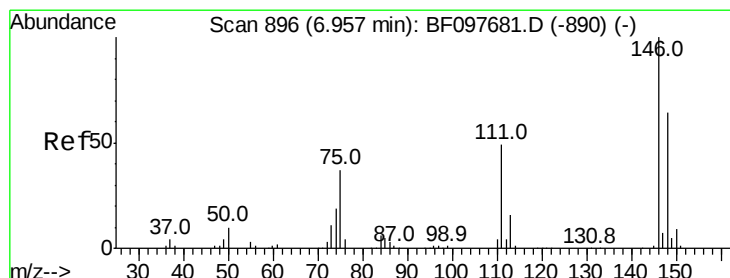
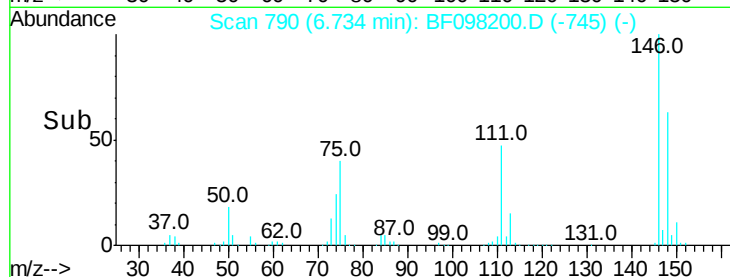
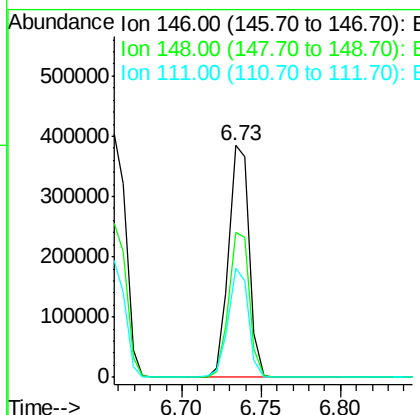
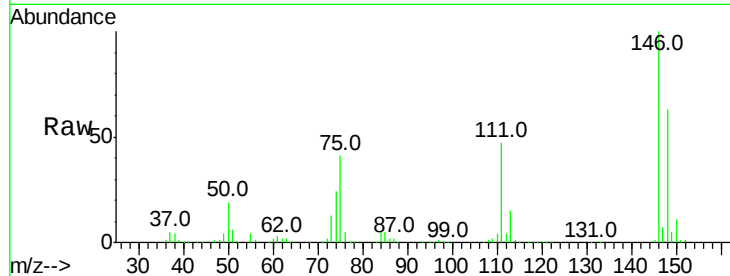
#13
 1,4-Dichlorobenzene
 Concen: 39.677 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.04 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101916BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.2	78.2
111	47.0	30.3	45.5

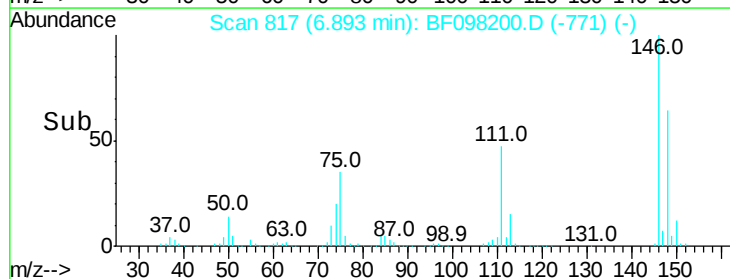
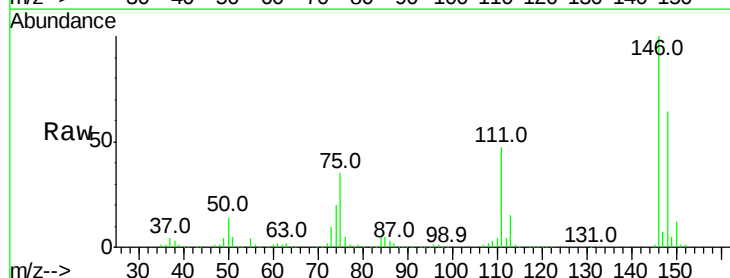
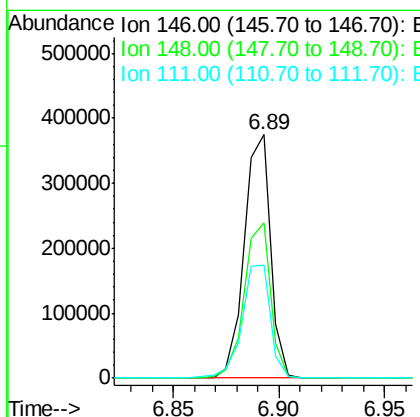
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#14
 1,2-Dichlorobenzene
 Concen: 39.908 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	46.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 42.858 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Instrument :

BNA_F

ClientSampled :

PB101916BS

Tot Ion: 79 Resp: 331460

Ion Ratio Lower Upper

79 100

108 76.7 63.4 95.0

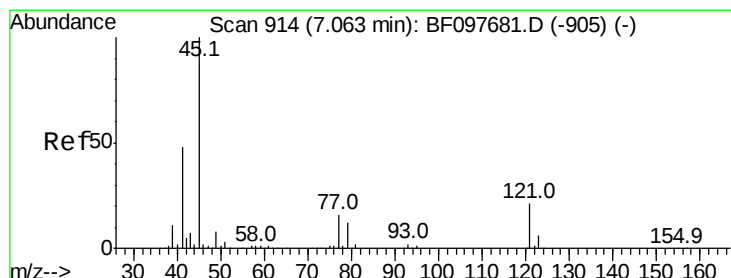
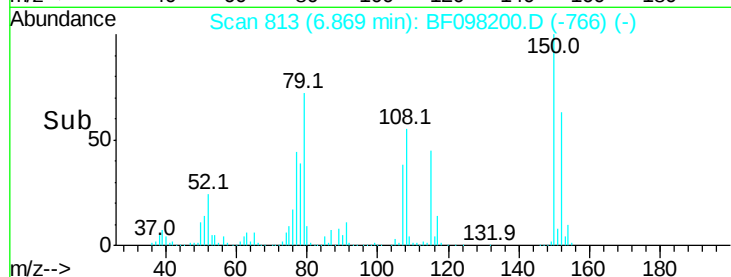
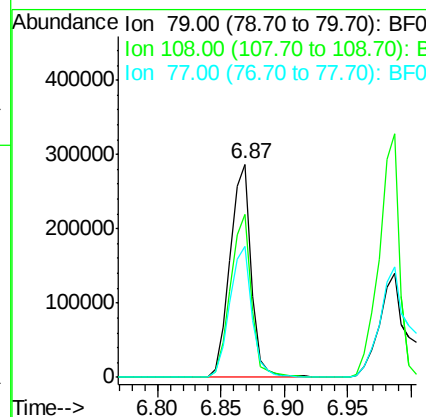
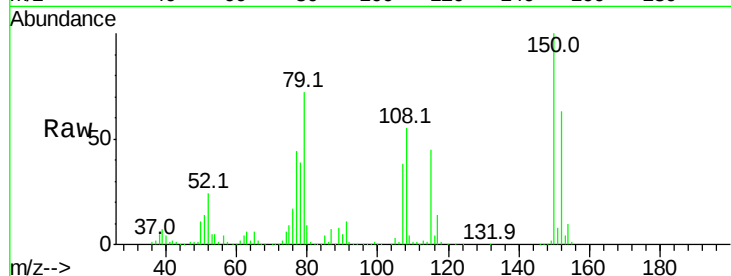
77 61.8 49.2 73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.520 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.04 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

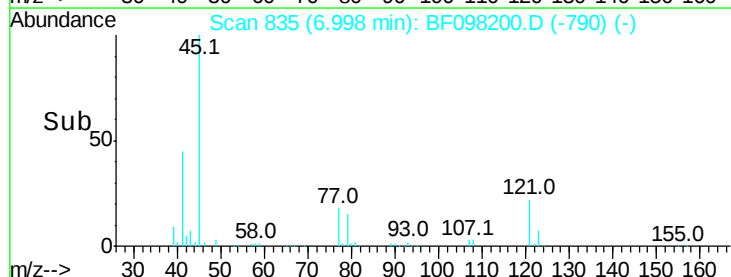
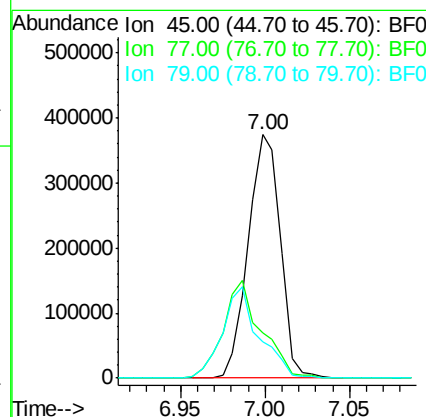
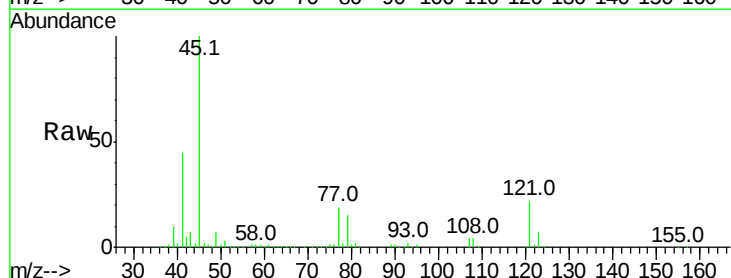
Tgt Ion: 45 Resp: 497125

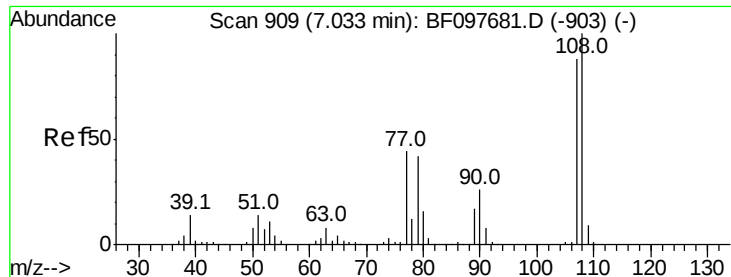
Ion Ratio Lower Upper

45 100

77 18.5 0.0 33.2

79 14.6 0.0 30.0





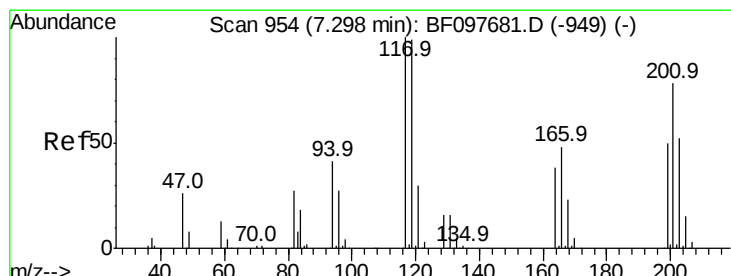
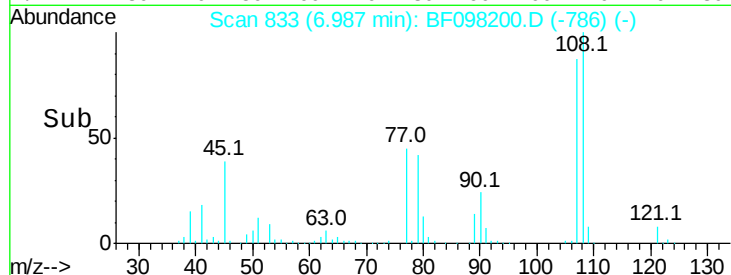
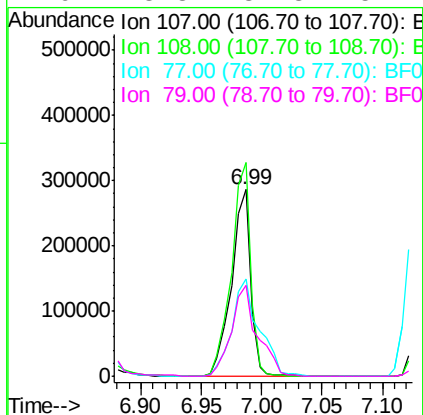
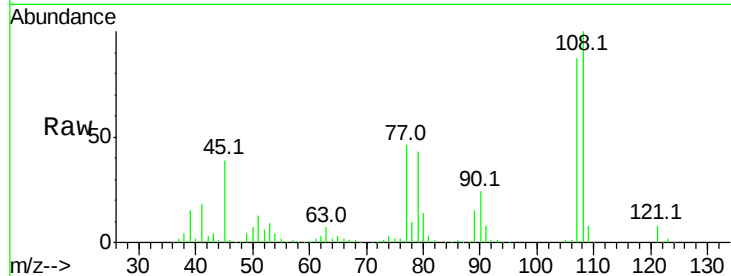
#17
2-Methylphenol
Concen: 45.202 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.02 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	319382		
108	114.6	93.4	140.0	
77	52.3	35.8	53.6	
79	48.8	34.8	52.2	

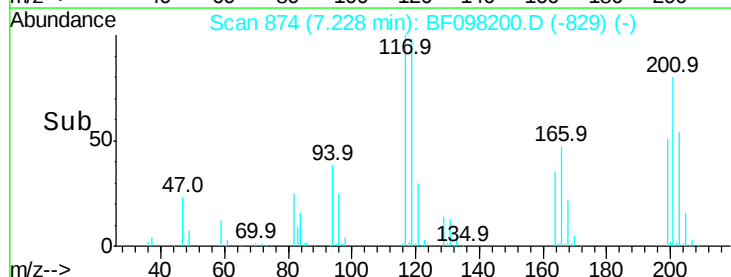
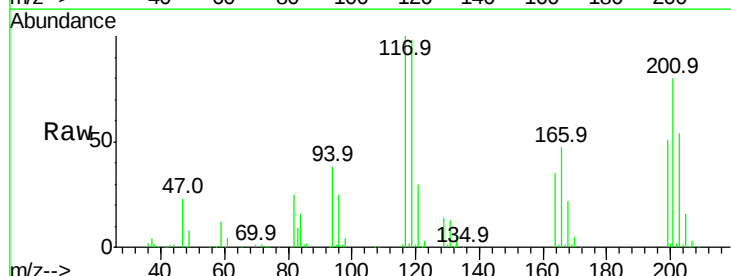
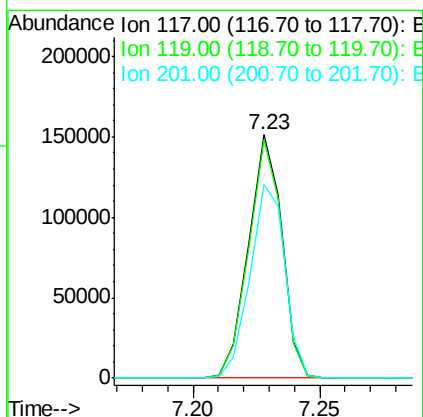
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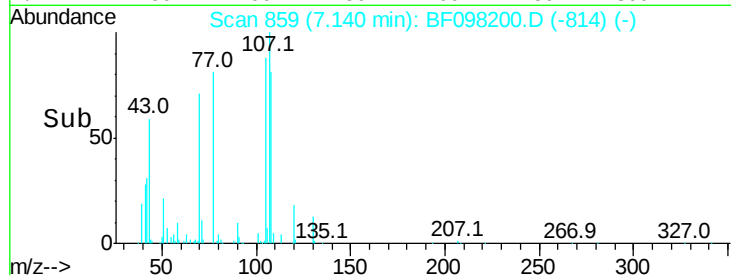
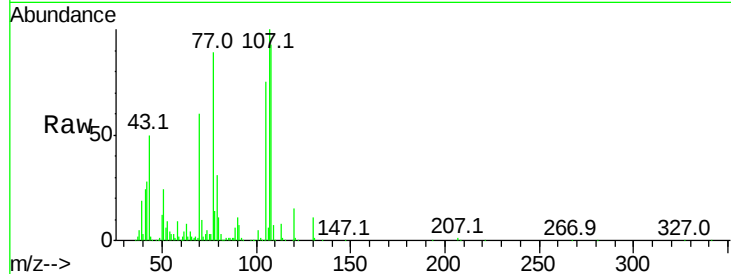
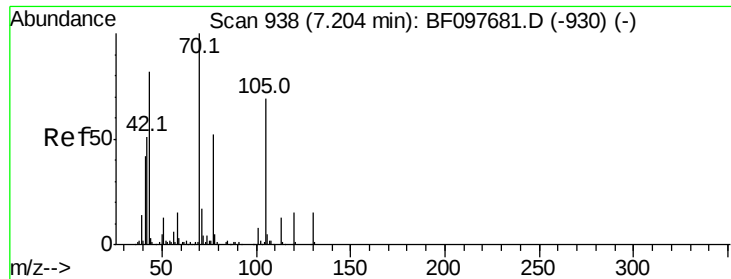
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#18
Hexachloroethane
Concen: 40.622 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	139695		
119	97.9	77.4	116.0	
201	79.7	94.6	141.8#	





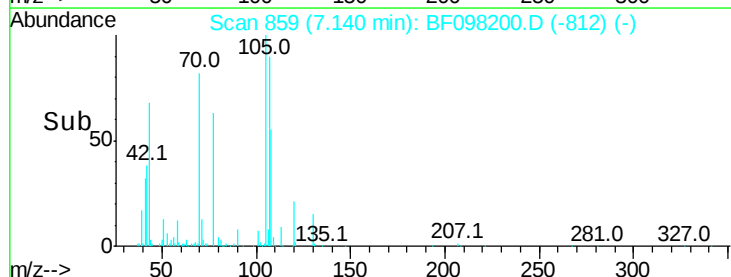
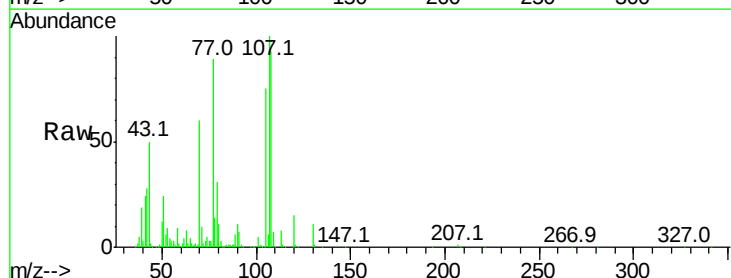
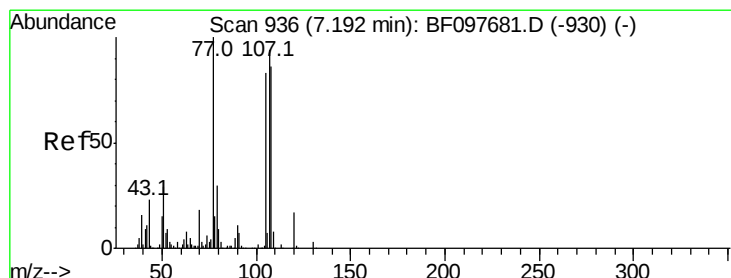
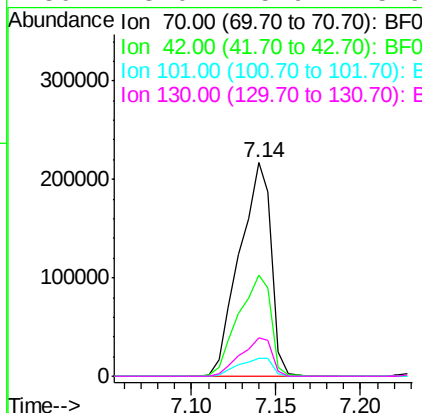
#19
n-Nitroso-di-n-propylamine
Concen: 40.234 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.1	47.2	70.8#
101	8.5	7.2	10.8
130	18.0	15.9	23.9

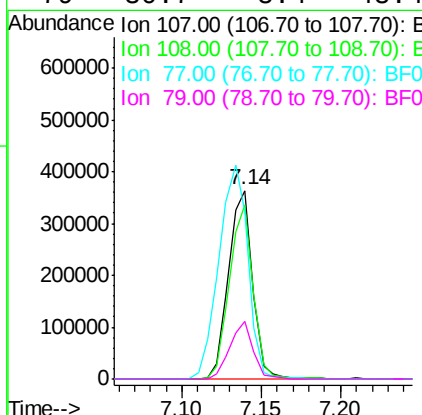
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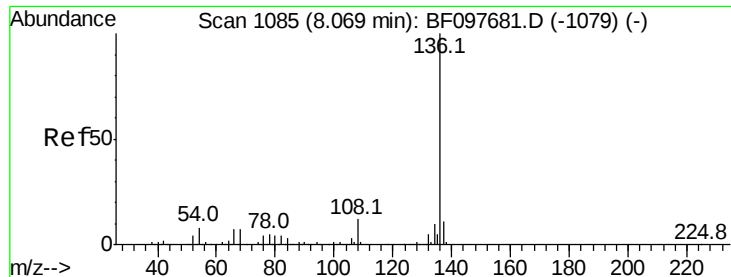
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#20
3+4-Methylphenols
Concen: 44.410 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.7	71.0	111.0
77	89.1	90.5	130.5#
79	30.7	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: BF098200.D

Acq: 31 Aug 2017 17:52

Instrument :

BNA_F

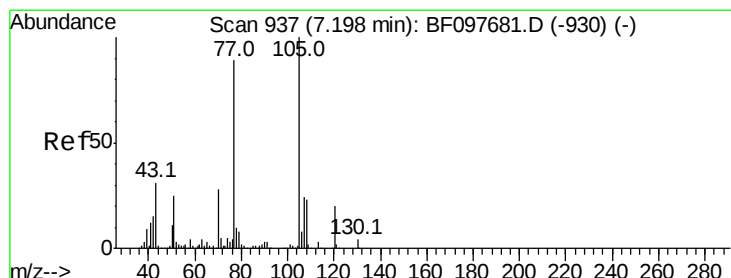
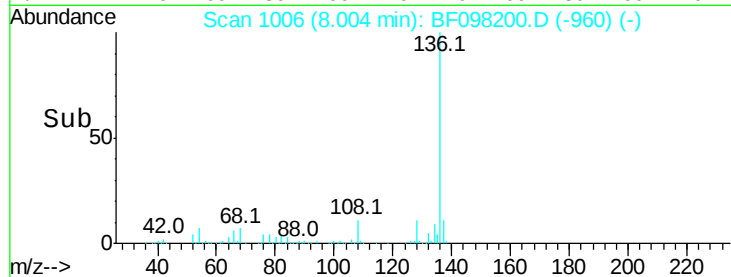
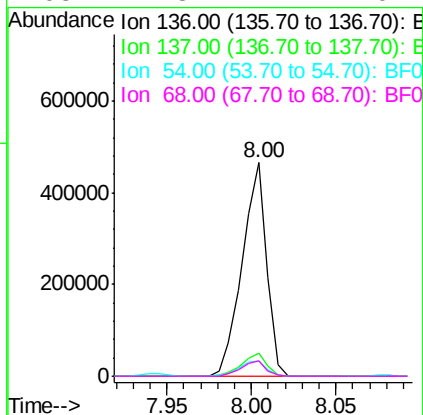
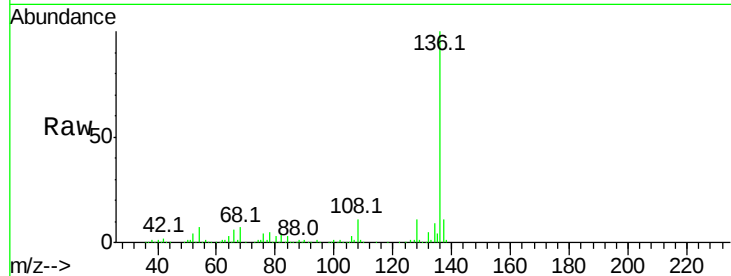
ClientSampleId :

PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	471045		
137	10.8	8.5	12.7	
54	7.5	4.9	7.3#	
68	7.3	4.1	6.1#	

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#22

Acetophenone

Concen: 40.517 ng

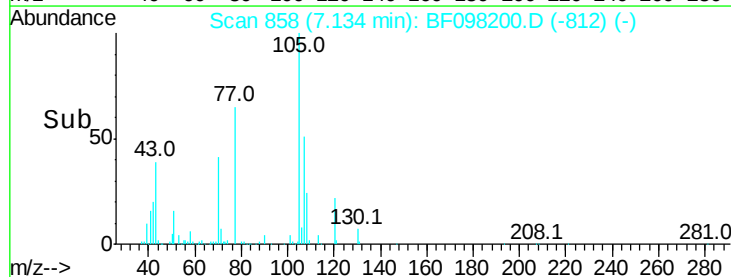
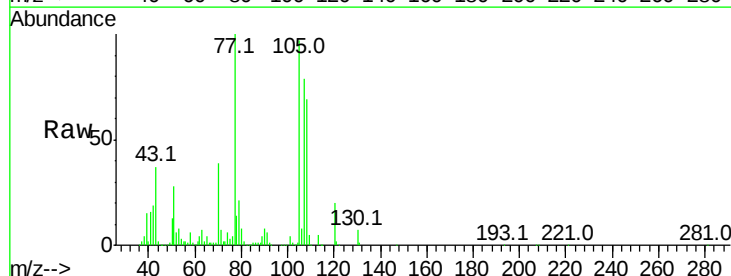
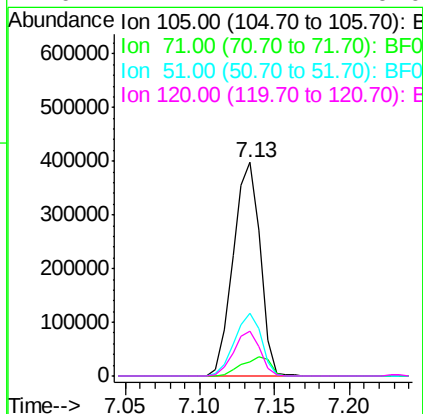
RT: 7.13 min Scan# 858

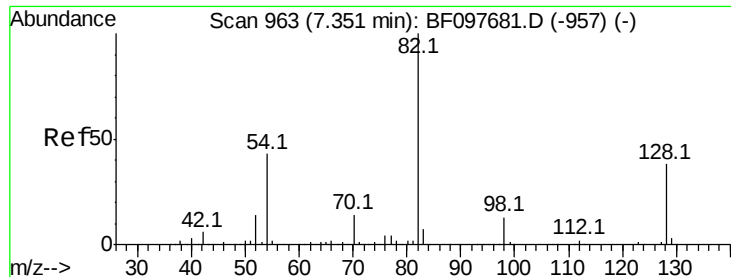
Delta R.T. -0.03 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	504183		
71	6.8	2.8	4.2#	
51	29.1	30.7	46.1#	
120	21.1	17.4	26.0	





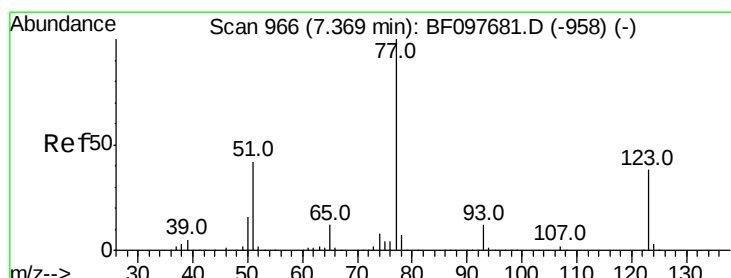
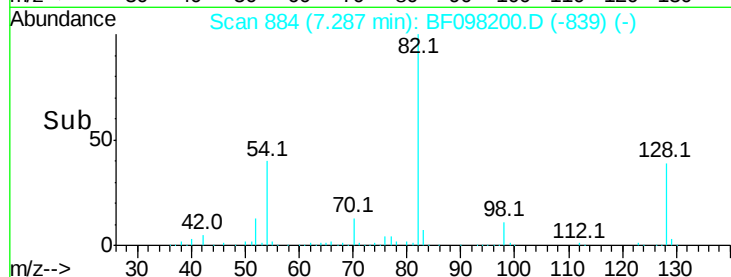
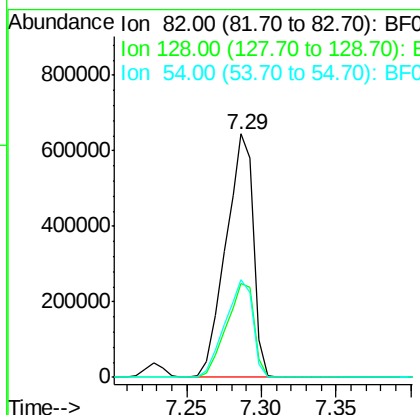
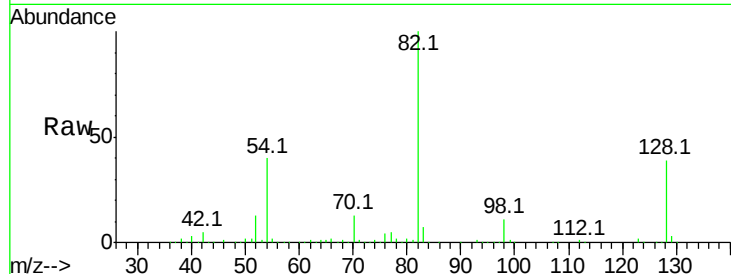
#23
Nitrobenzene-d5
Concen: 95.852 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.04 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.6	34.0	51.0
54	40.0	42.2	63.2#

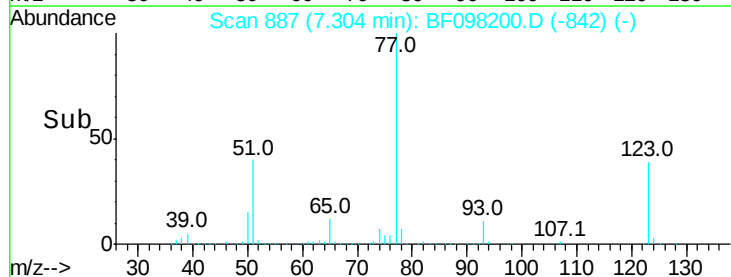
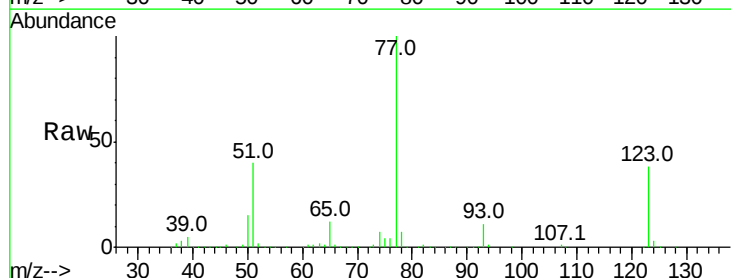
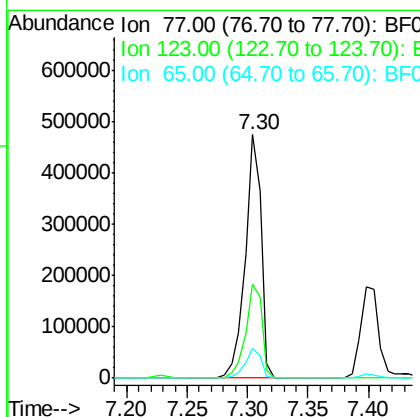
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#24
Nitrobenzene
Concen: 45.527 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.04 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.5	35.8	53.8
65	12.4	10.6	15.8





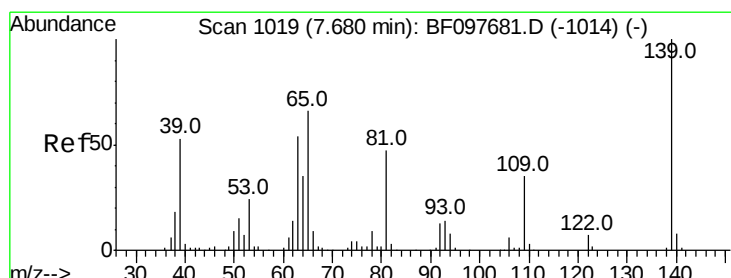
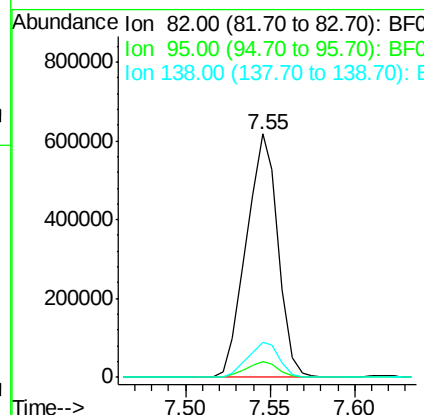
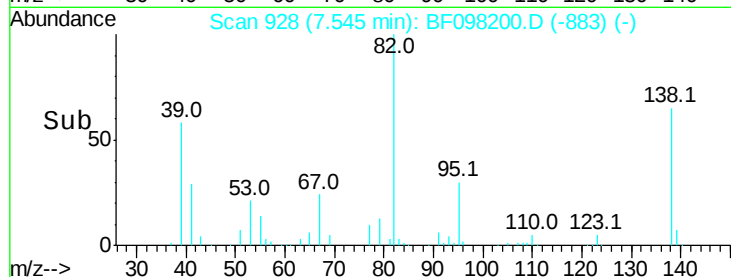
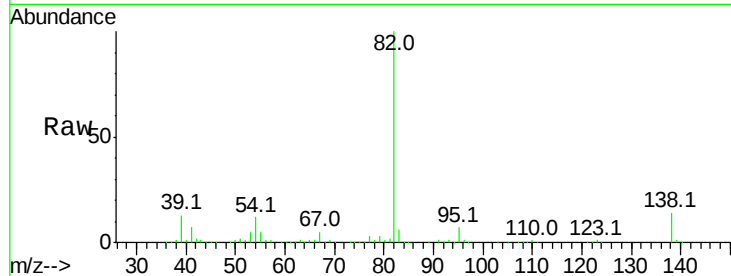
#25
Isophorone
Concen: 44.950 ng
RT: 7.55 min Scan# 928
Delta R.T. -0.04 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.5	5.3	7.9	
138	14.4	13.1	19.7	

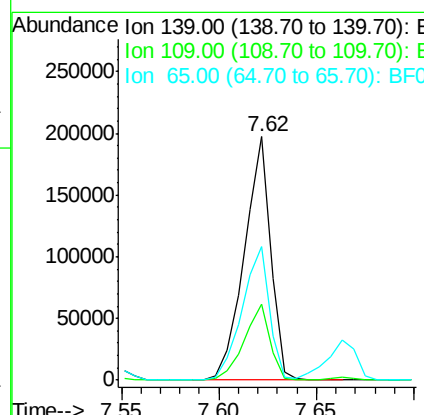
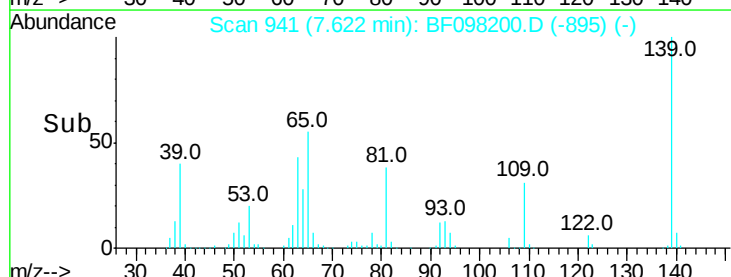
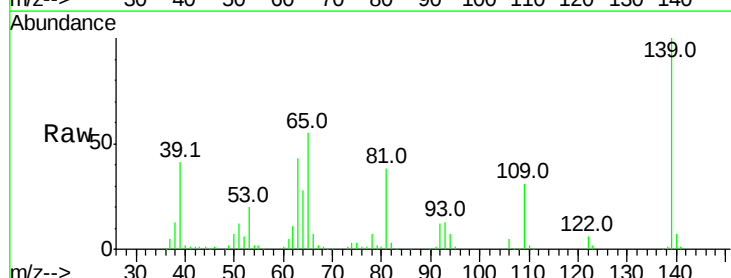
Manual Integrations
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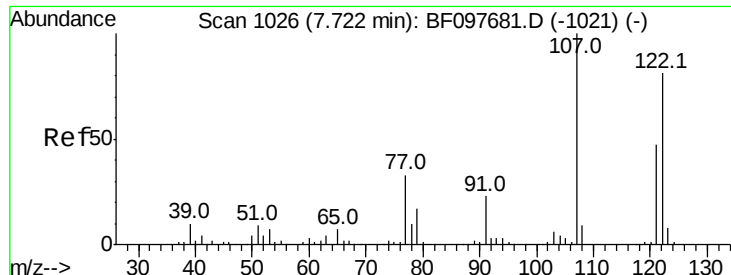
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#26
2-Nitrophenol
Concen: 52.383 ng
RT: 7.62 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.1	21.0	31.6	
65	54.6	33.0	49.6	





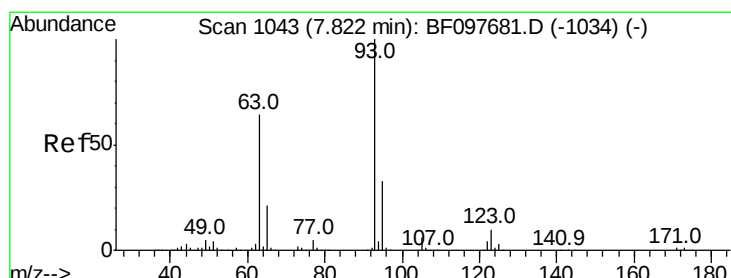
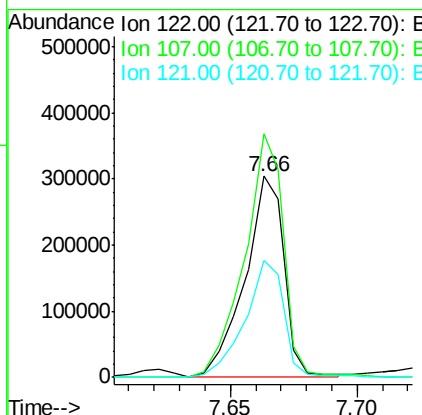
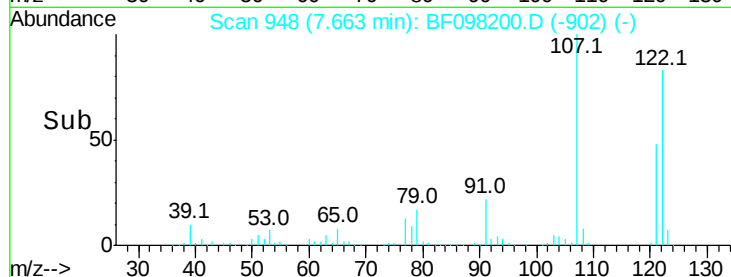
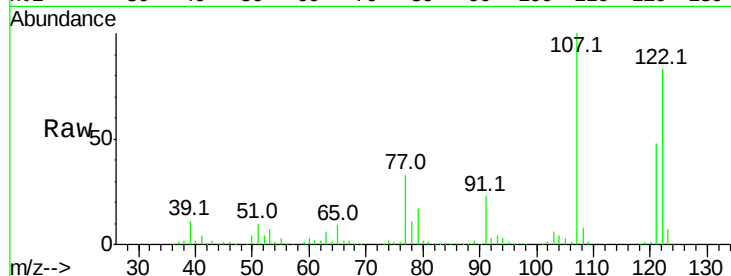
#27
 2,4-Dimethylphenol
 Concen: 43.598 ng
 RT: 7.66 min Scan# 948
 Delta R.T. -0.03 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Instrument :
 BNA_F
 ClientSampleID :
 PB101916BS

Tot Ion:	122	Resp:	327836
Ion Ratio	Lower	Upper	
122	100		
107	120.9	89.2	133.8
121	57.9	45.2	67.8

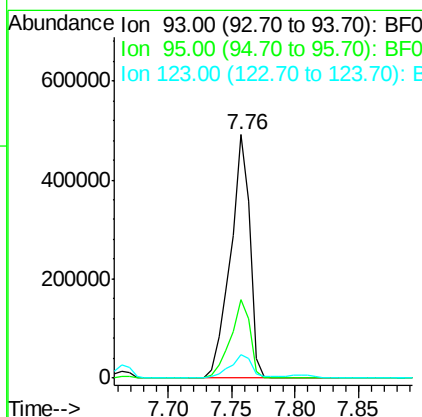
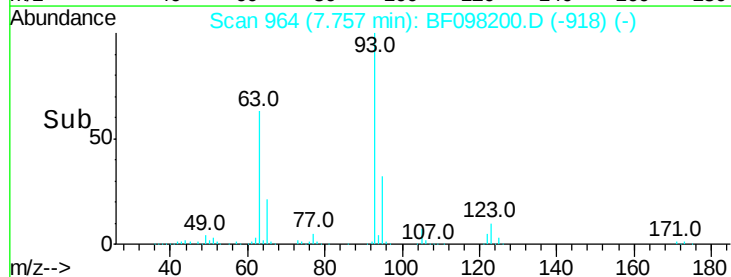
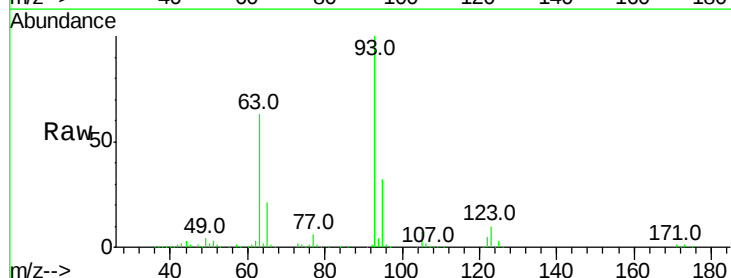
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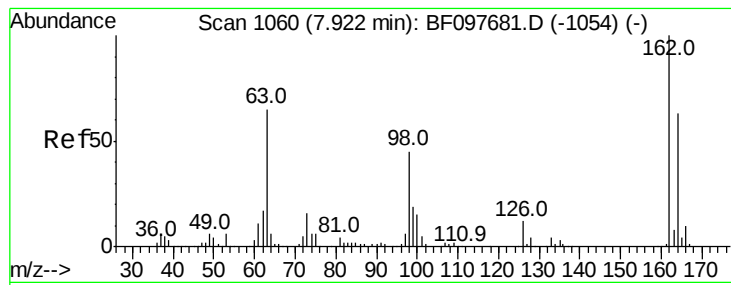
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.493 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.03 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Tgt Ion:	93	Resp:	515543
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.5	39.7
123	9.6	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 45.883 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.03 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Instrument :

BNA_F

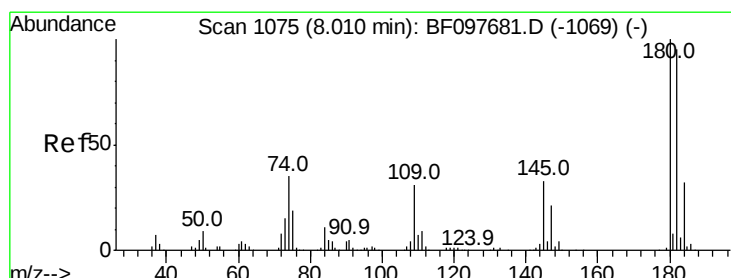
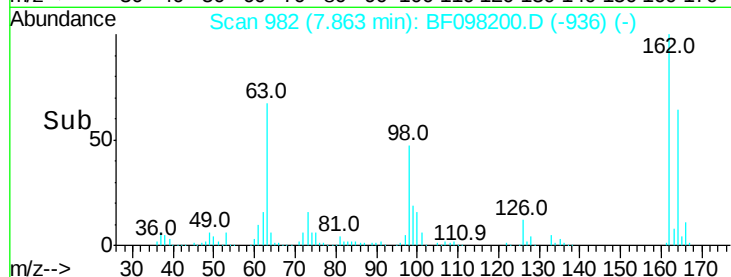
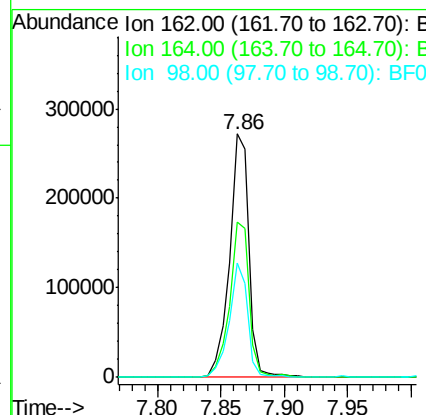
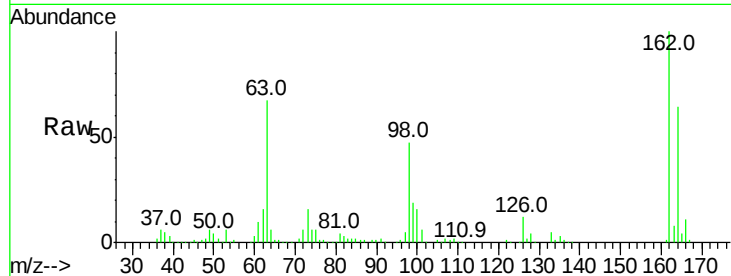
ClientSampleId :

PB101916BS

Tot Ion:	162	Resp:	286395
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.6	84.6
98	47.0	14.8	54.8

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#30

1,2,4-Trichlorobenzene

Concen: 41.110 ng

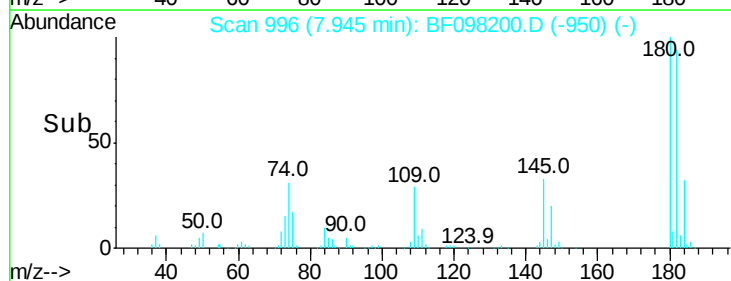
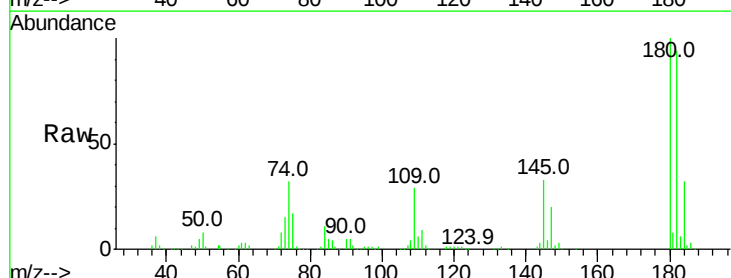
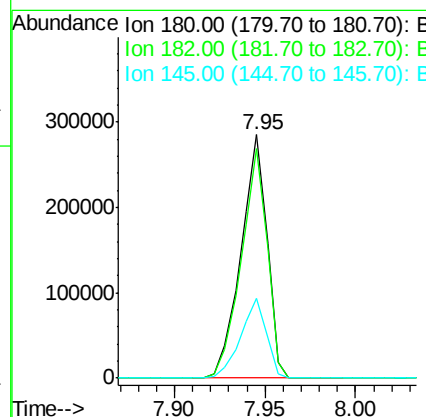
RT: 7.95 min Scan# 996

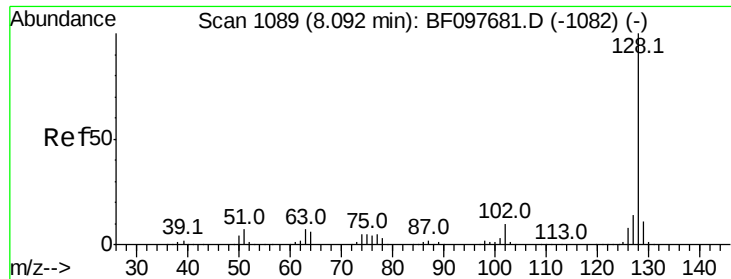
Delta R.T. -0.03 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Tgt Ion:	180	Resp:	284465
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.8	113.6
145	32.7	25.3	37.9





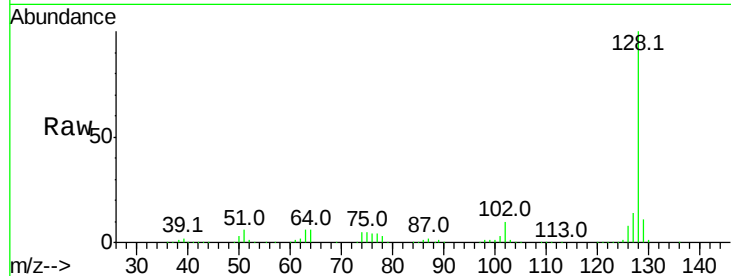
#31
Naphthalene
Concen: 41.440 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

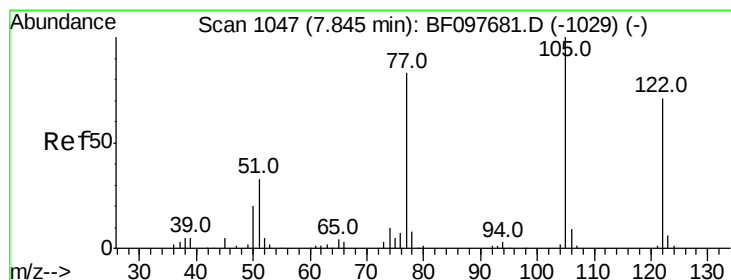
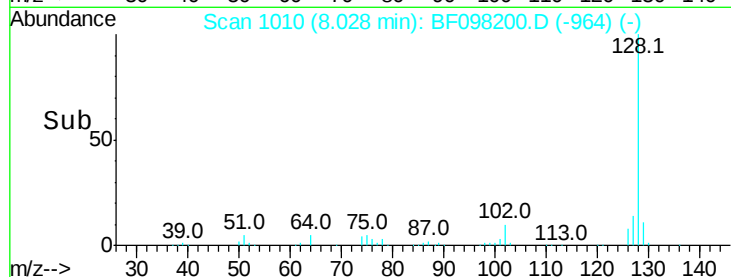
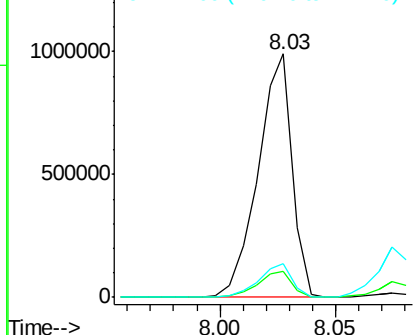
Tot Ion:128 Resp: 1013394
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.7 10.8 16.2

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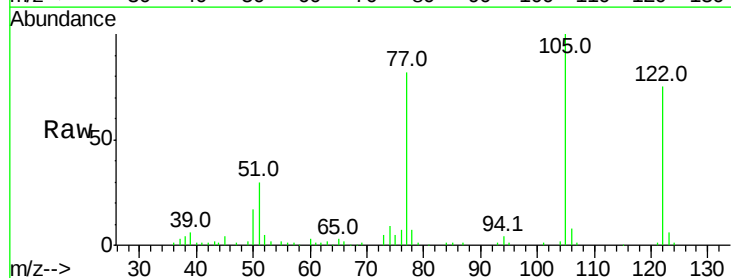


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

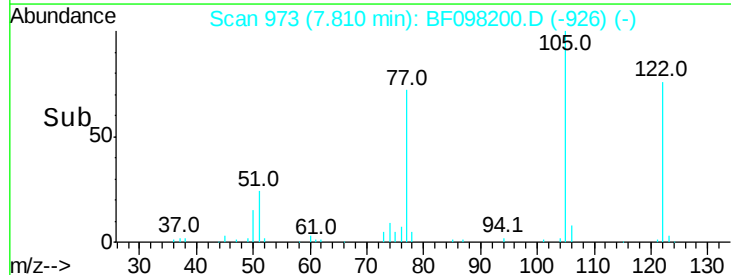
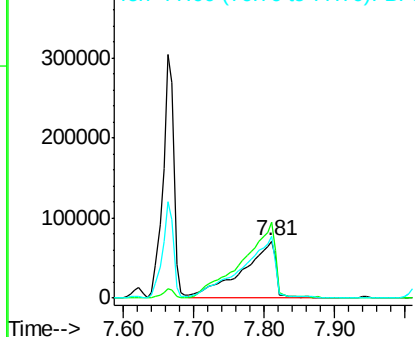


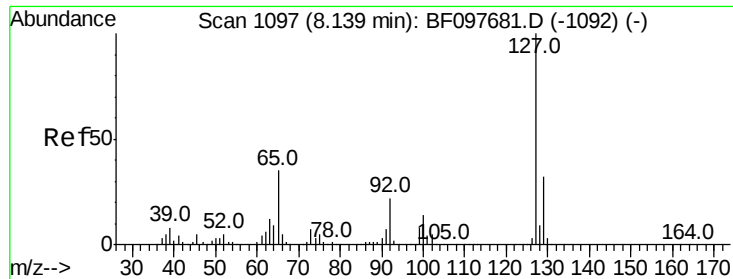
#32
Benzoic acid
Concen: 43.791 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.02 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion:122 Resp: 236368
Ion Ratio Lower Upper
122 100
105 133.0 103.3 143.3
77 108.5 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





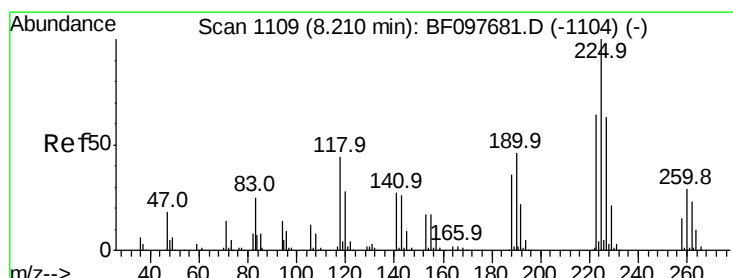
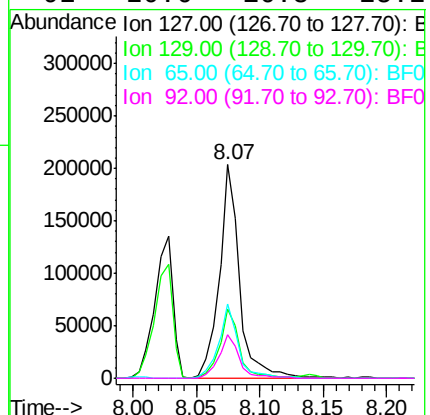
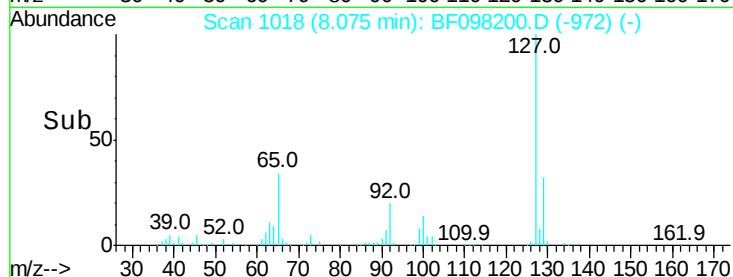
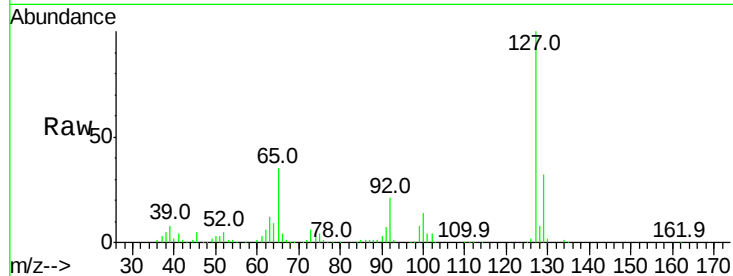
#33
4-Chloroaniline
Concen: 21.869 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.2	39.2	
65	34.7	27.8	41.8	
92	20.6	16.8	25.2	

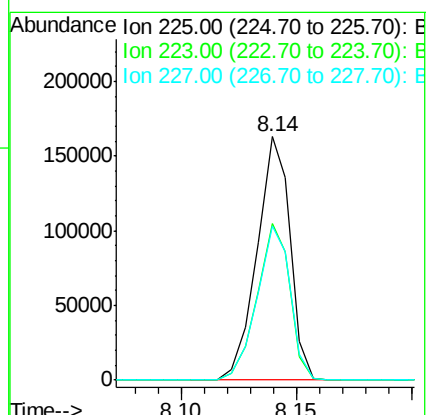
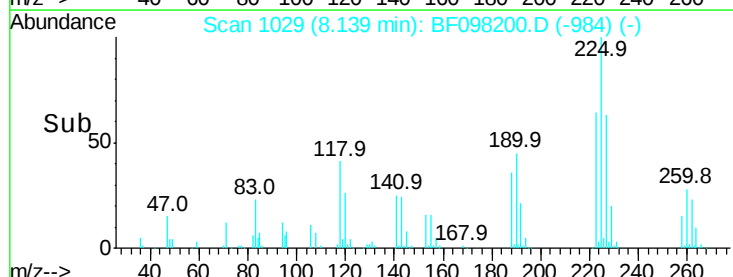
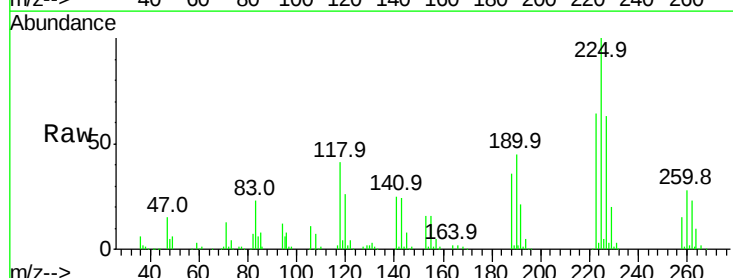
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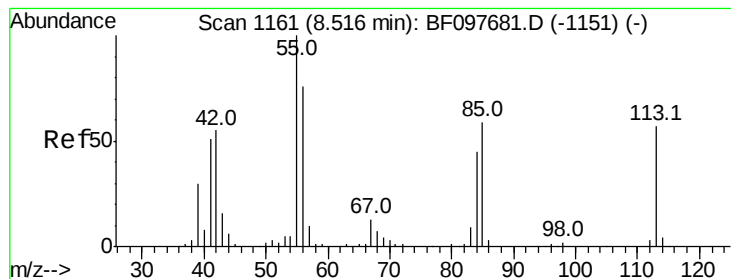
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#34
Hexachlorobutadiene
Concen: 40.252 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.04 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.5	48.8	73.2	
227	63.4	51.1	76.7	





#35

Caprolactam

Concen: 50.247 ng/mL

RT: 8.46 min Scan# 1084

Delta R.T. -0.03 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Instrument :

BNA_F

ClientSampleID :

PB101916BS

Tot Ion:113 Resp: 106625

Ion Ratio Lower Upper

113 100

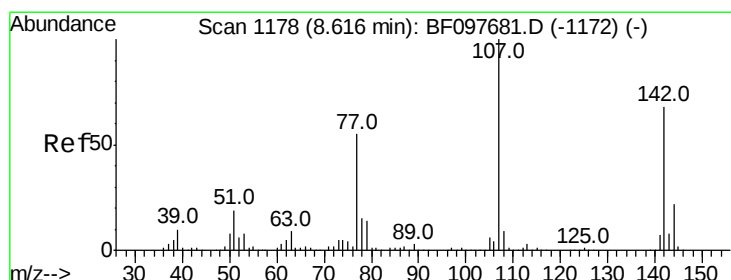
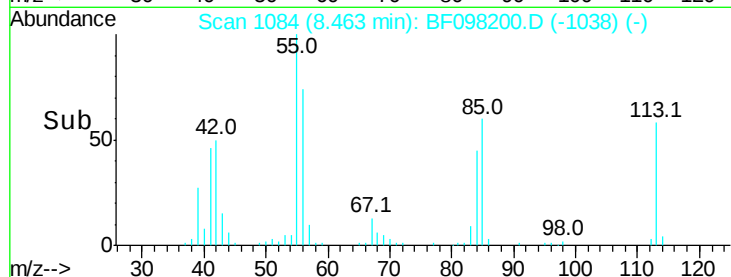
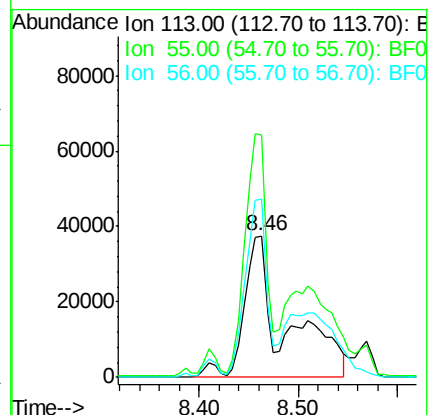
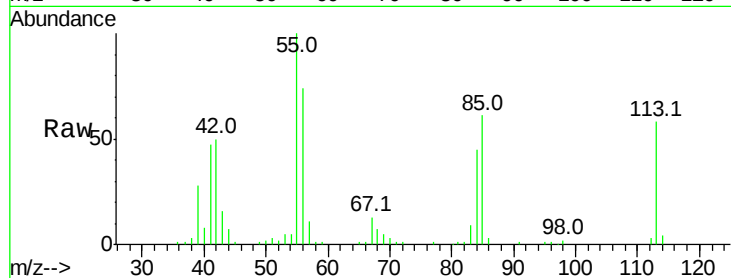
55 170.9 150.2 190.2

56 125.7 107.8 147.8

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#36

4-Chloro-3-methylphenol

Concen: 44.423 ng/mL

RT: 8.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

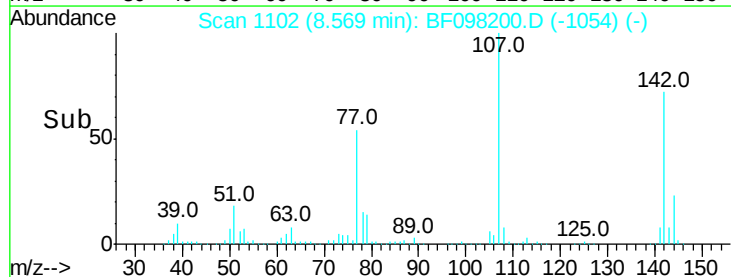
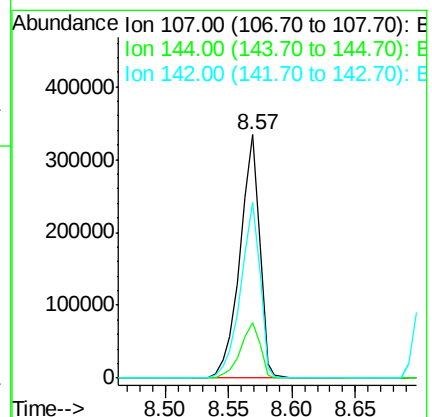
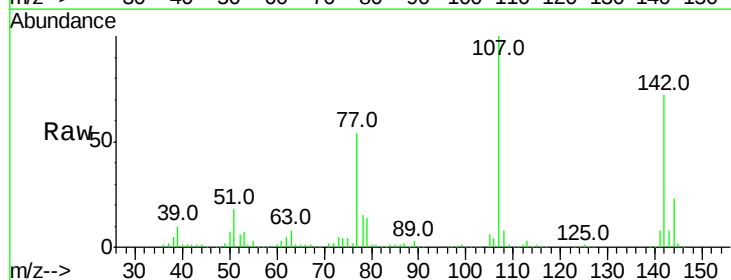
Tgt Ion:107 Resp: 356261

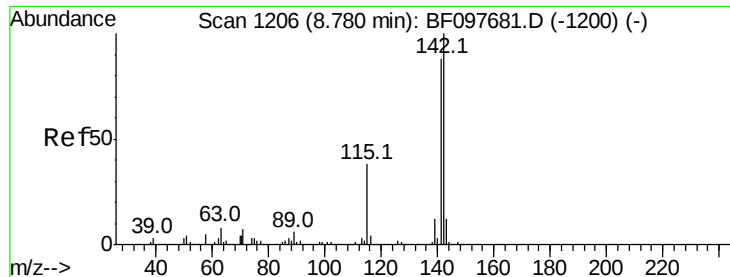
Ion Ratio Lower Upper

107 100

144 22.5 24.2 36.4#

142 72.0 73.4 110.0#





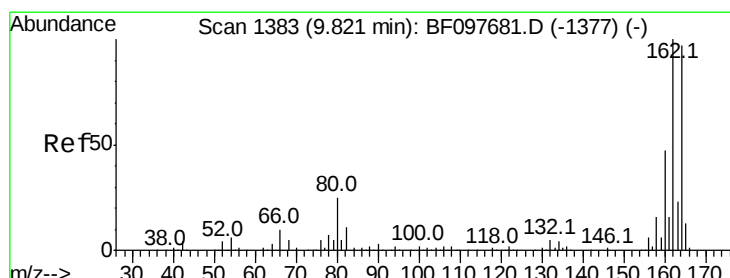
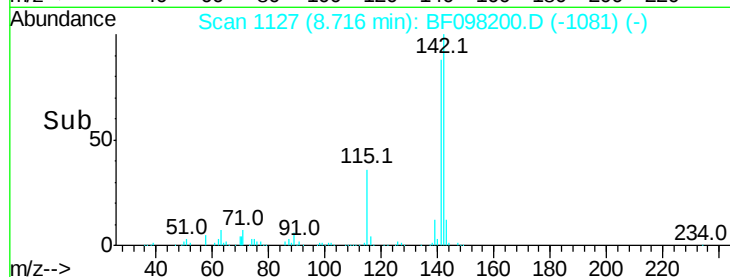
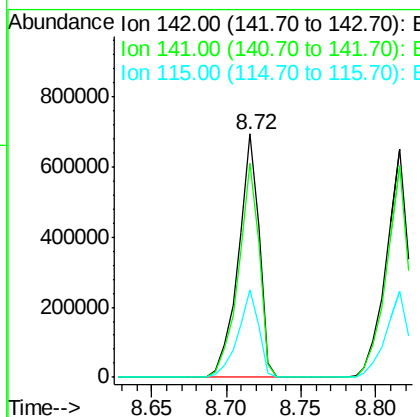
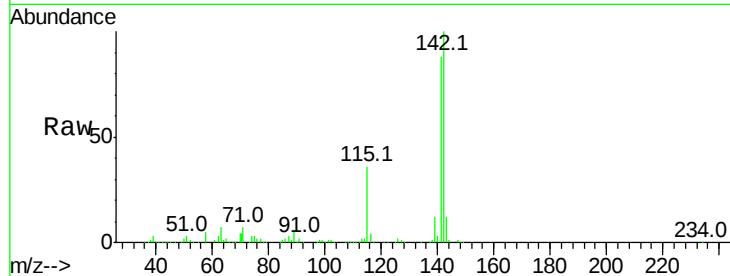
#37
2-Methylnaphthalene
Concen: 44.897 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	673135		
141	88.1	71.3	106.9	
115	35.8	27.1	40.7	

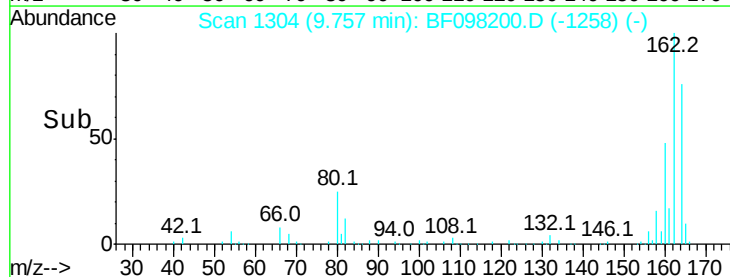
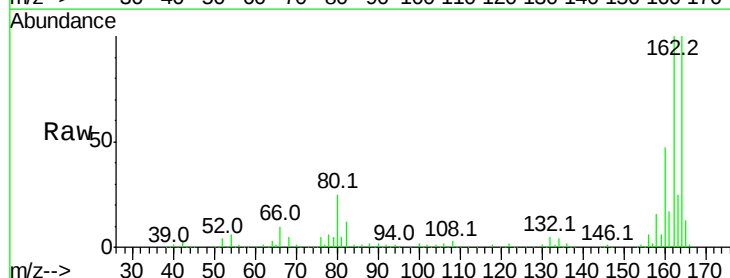
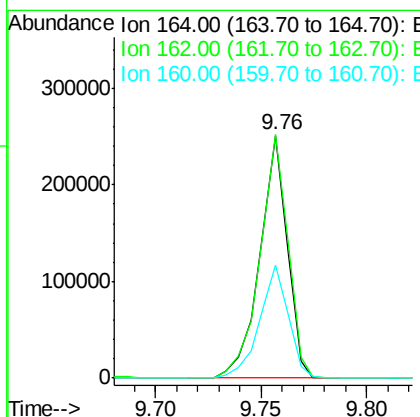
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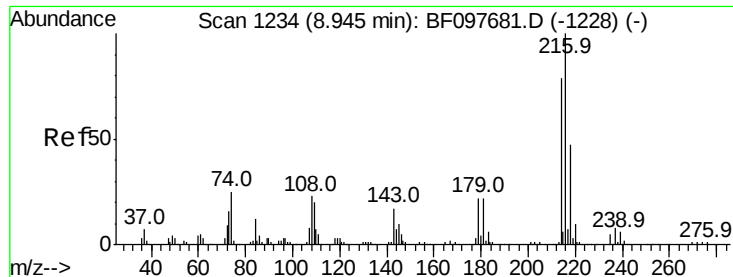
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	228612		
162	100.3	82.6	123.8	
160	46.7	36.2	54.2	





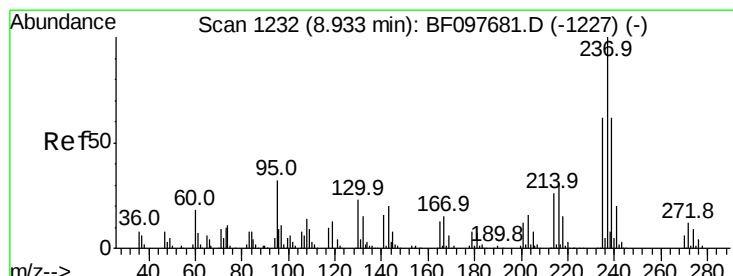
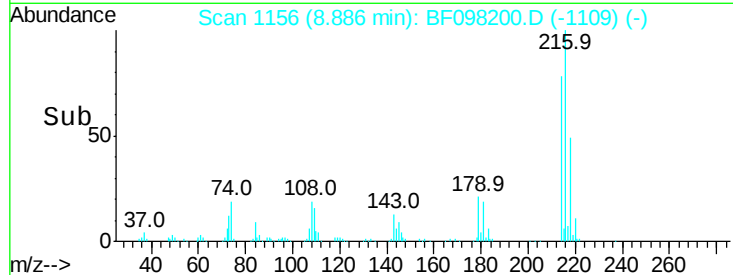
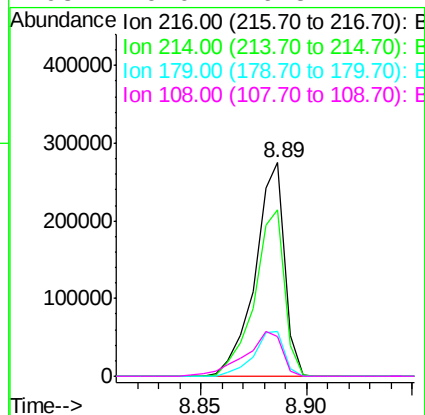
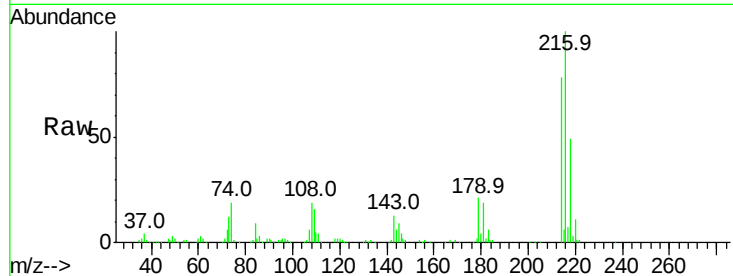
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.149 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.02 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101916BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	63.4	95.2
179	21.7	17.9	26.9
108	26.0	16.5	24.7

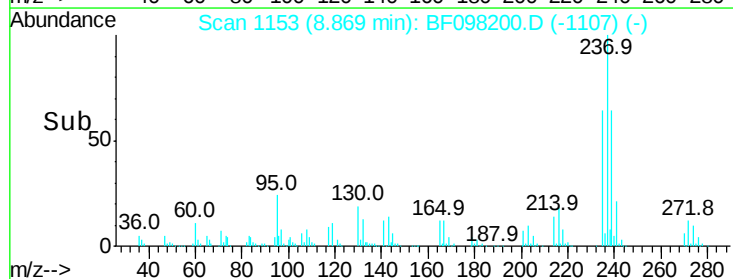
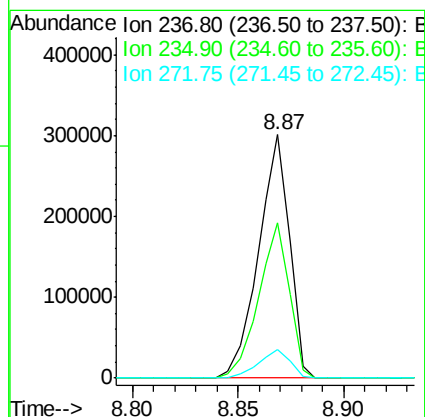
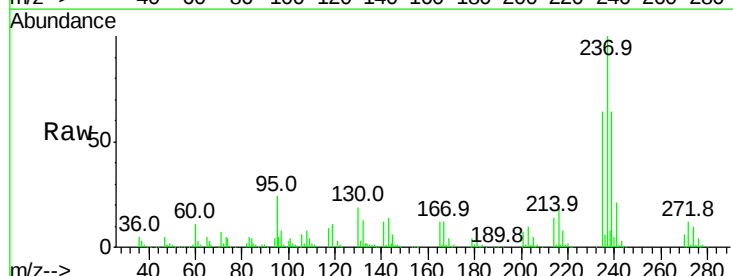
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#40
 Hexachlorocyclopentadiene
 Concen: 90.496 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.03 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	42.6	82.6
272	11.9	0.0	31.9





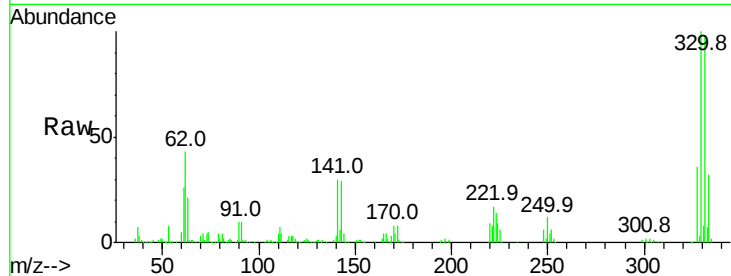
#41
 2,4,6-Tribromophenol
 Concen: 149.836 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101916BS

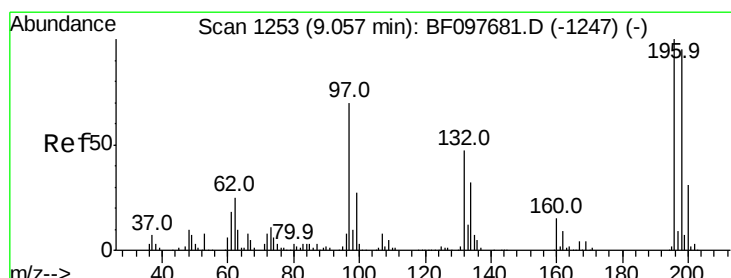
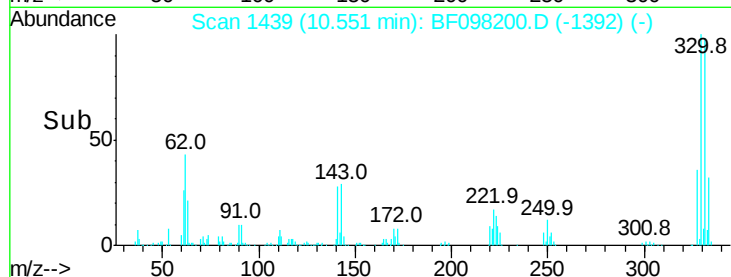
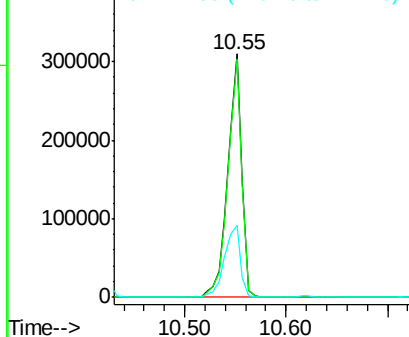
Tot Ion	Ratio	Resp	Lower	Upper
330	100	297211		
332	97.1	76.6	115.0	
141	33.7	31.4	47.2	

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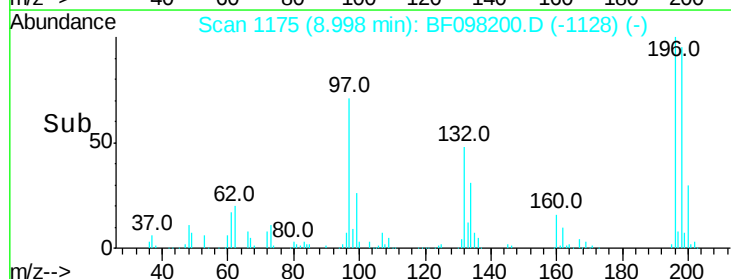
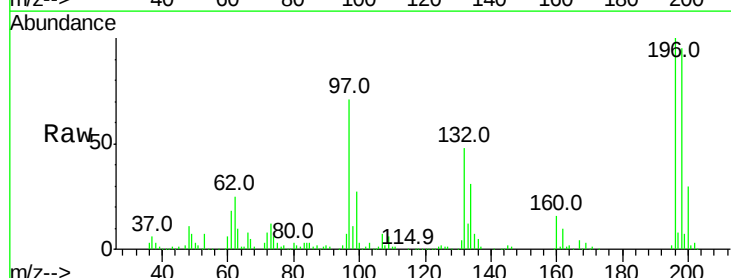
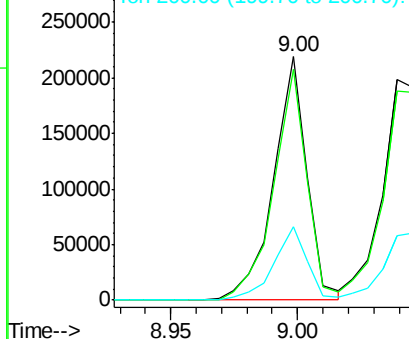
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 42.918 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	202160		
198	95.0	74.2	111.4	
200	30.0	24.0	36.0	

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





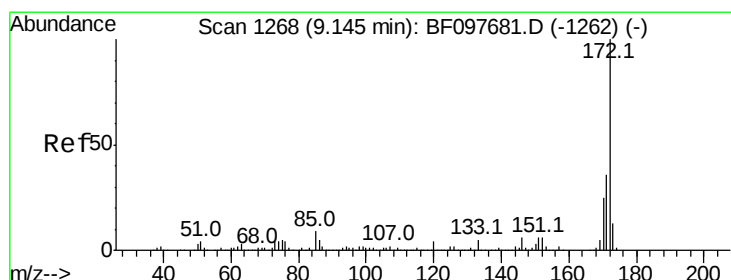
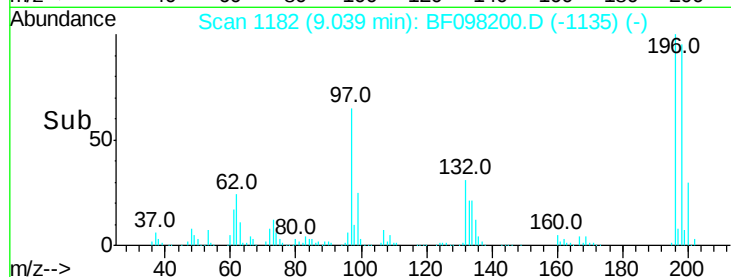
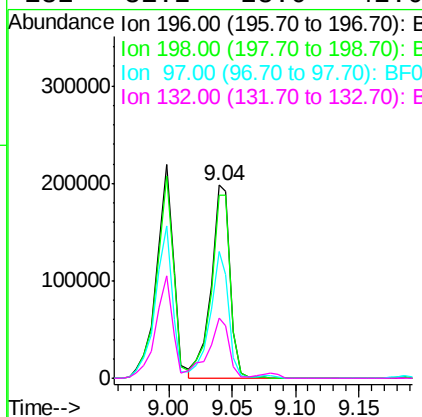
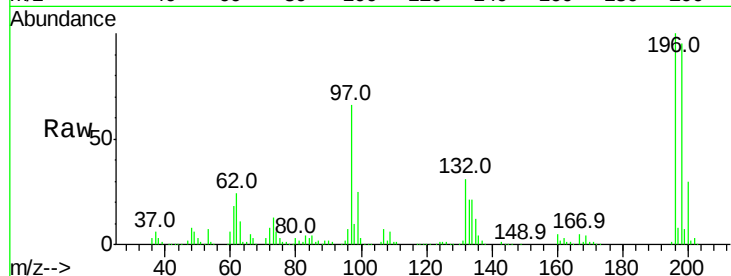
#43
 2,4,5-Trichlorophenol
 Concen: 45.196 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101916BS

Tot Ion	196	Resp	211204
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.7	113.5
97	65.6	47.7	71.5
132	31.2	28.0	42.0

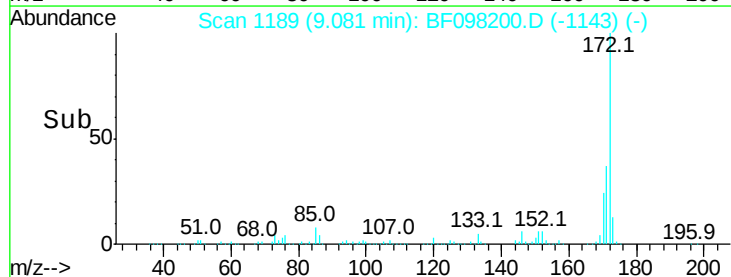
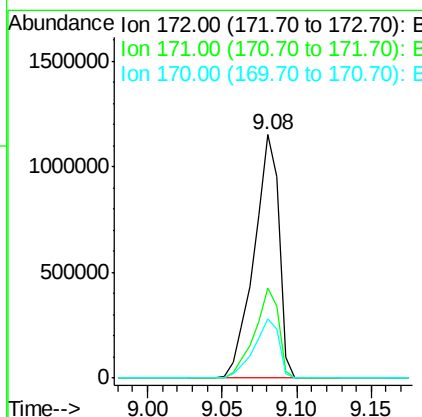
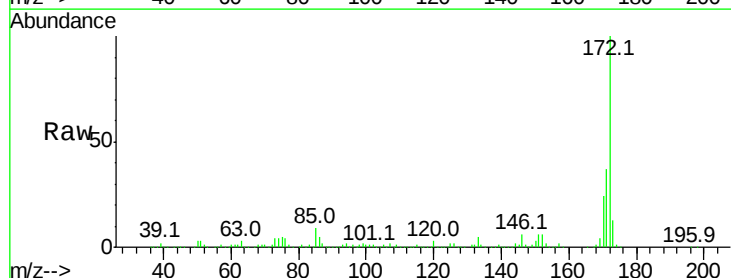
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 84.786 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Tgt Ion	172	Resp	1319298
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.6	44.4
170	24.5	19.8	29.8





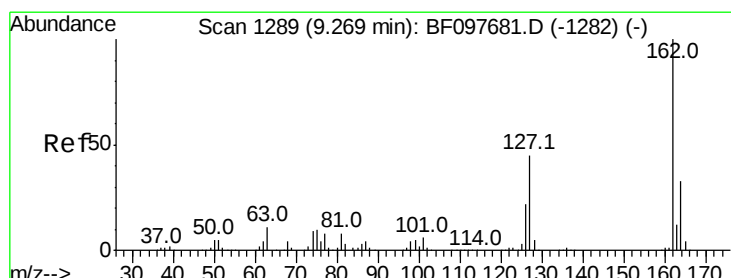
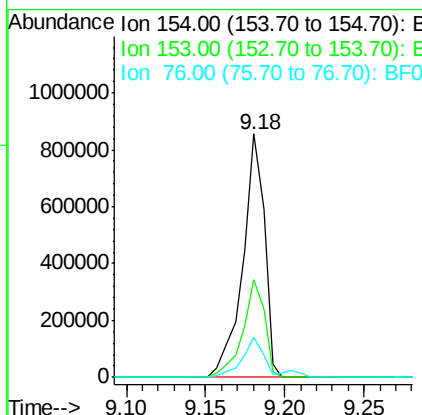
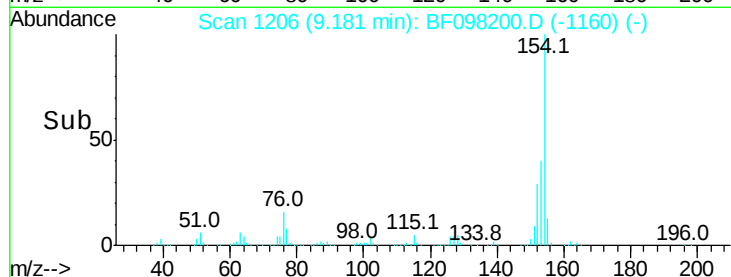
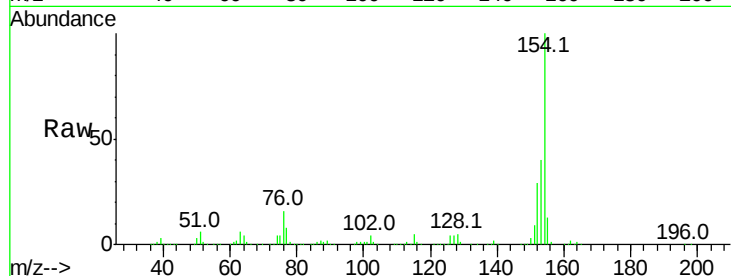
#45
1,1'-Biphenyl
Concen: 38.680 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	21.2	61.2	
76	16.4	0.0	29.9	

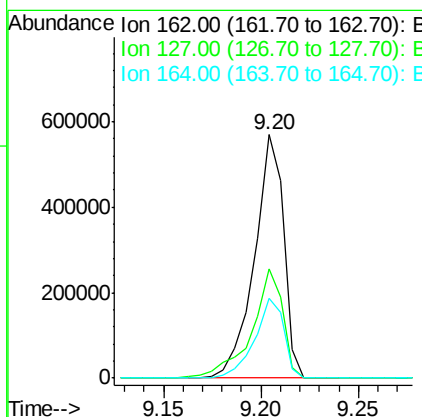
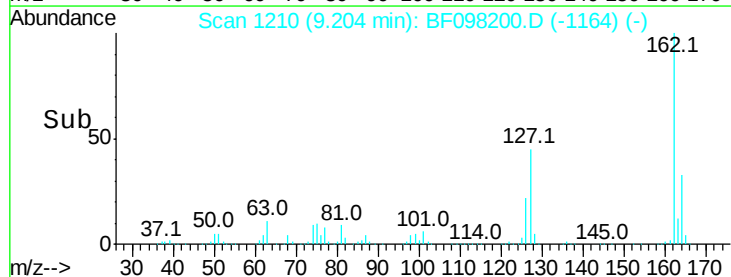
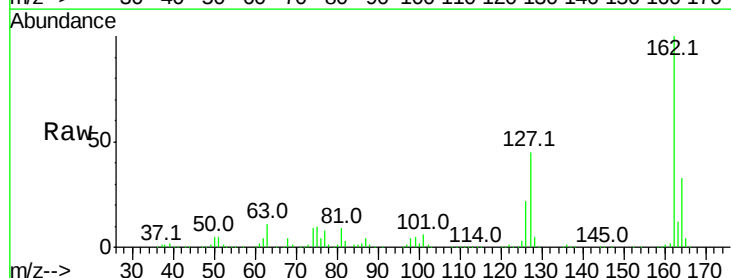
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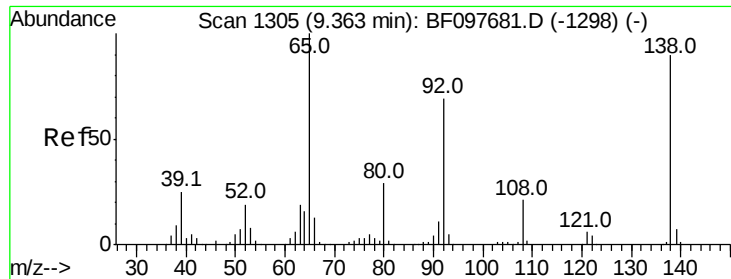
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#46
2-Chloronaphthalene
Concen: 38.354 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.8	28.3	42.5#	
164	33.0	27.0	40.4	





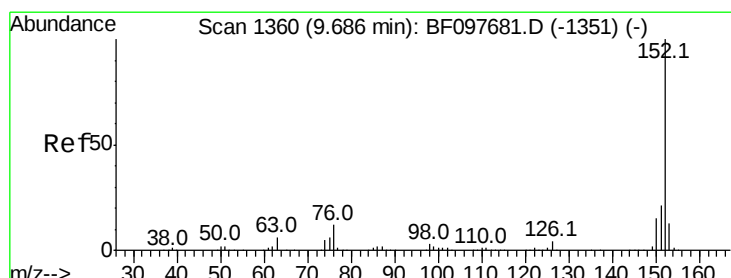
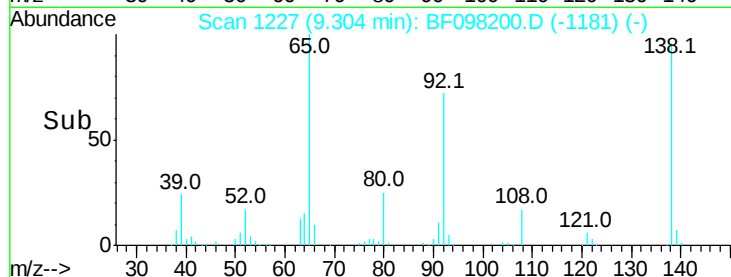
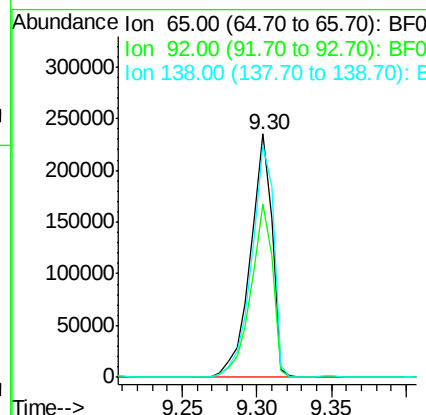
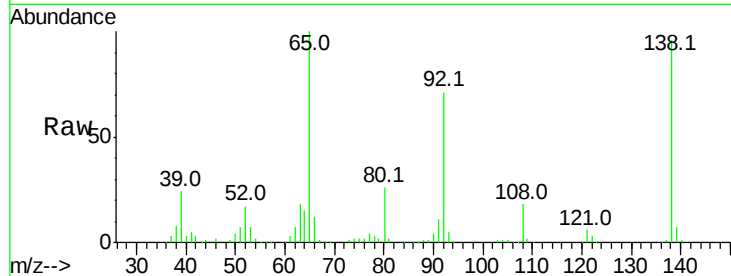
#47
2-Nitroaniline
Concen: 45.811 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.4	53.9	80.9
138	95.5	78.8	118.2

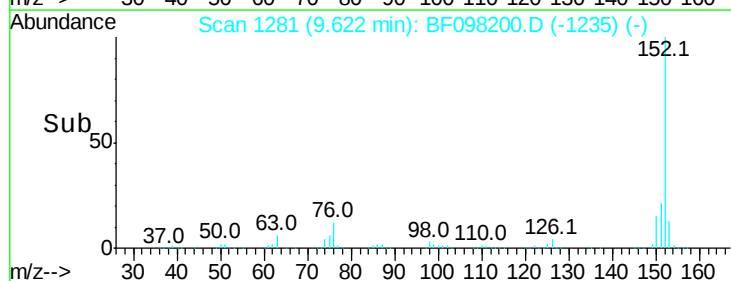
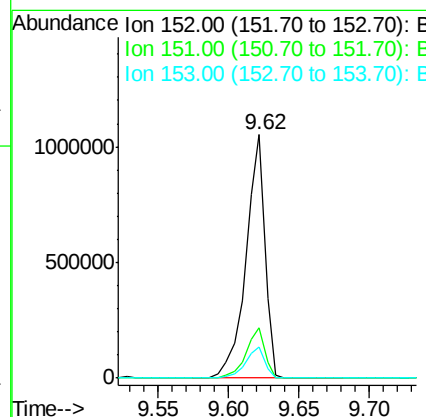
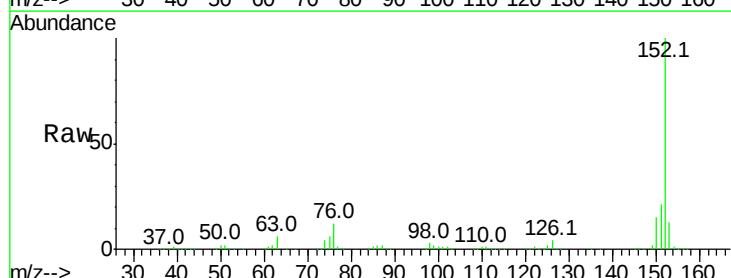
Manual Integrations
APPROVED

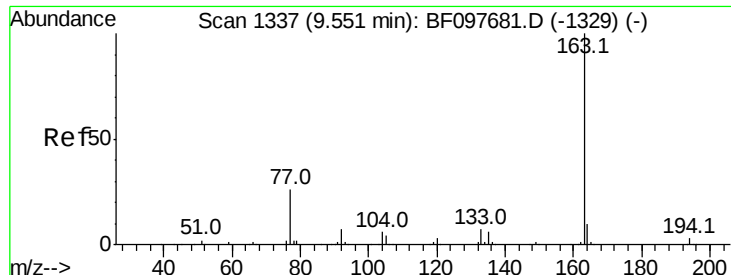
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#48
Acenaphthylene
Concen: 40.561 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.0	10.8	16.2





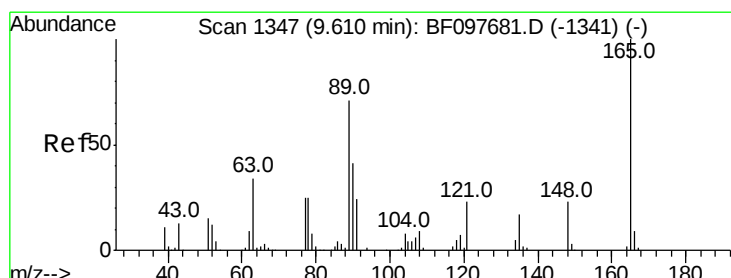
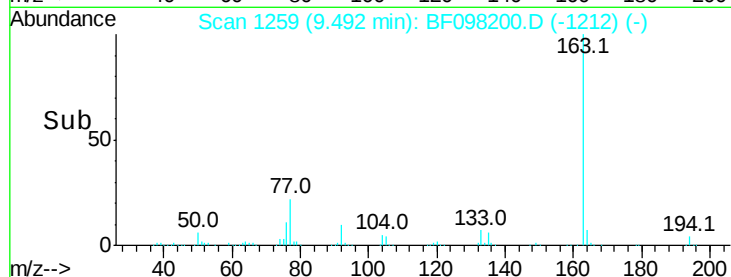
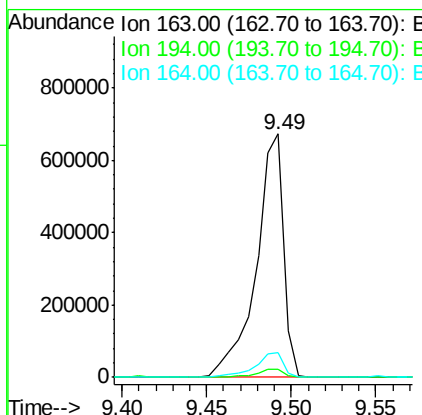
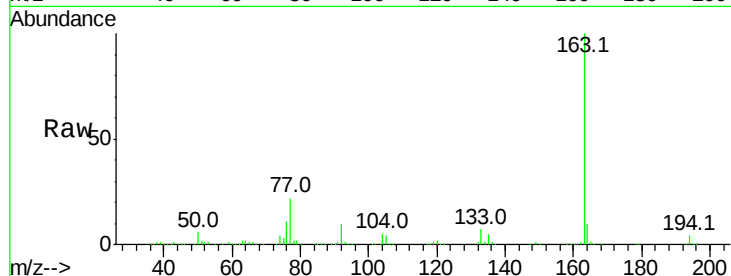
#49
Dimethylphthalate
Concen: 45.317 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.6	4.0	
164	10.0	8.4	12.6	

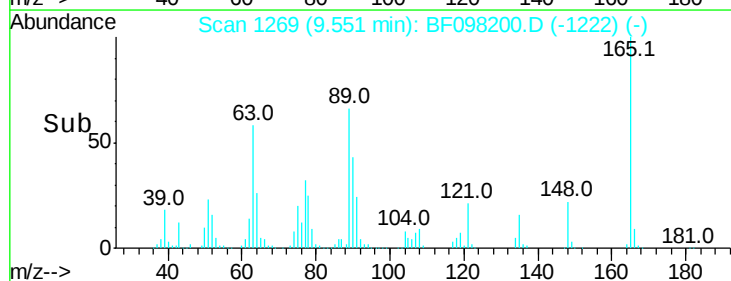
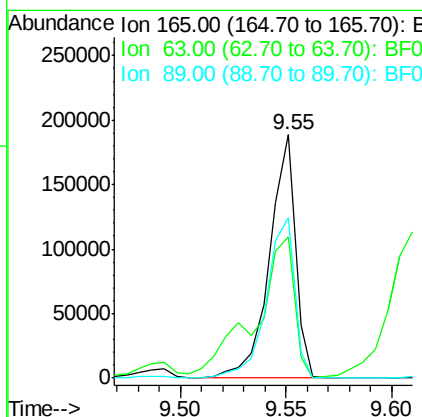
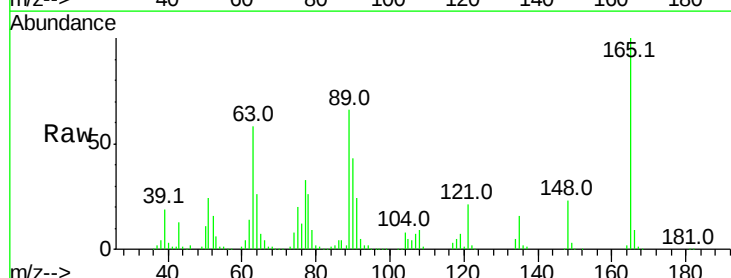
Manual Integrations
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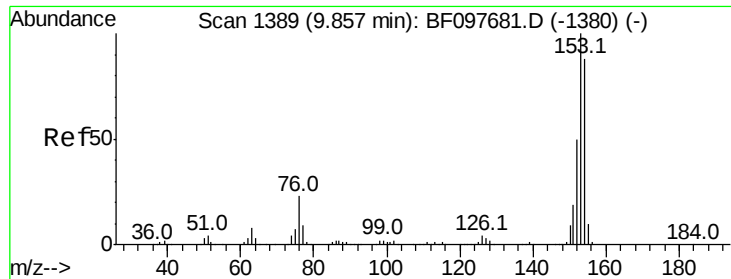
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#50
2,6-Dinitrotoluene
Concen: 48.559 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.2	34.3	51.5#	
89	66.1	37.1	55.7#	





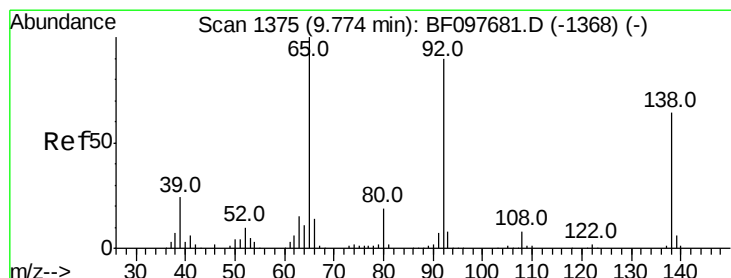
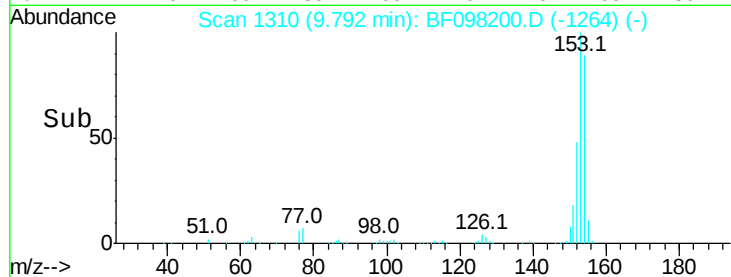
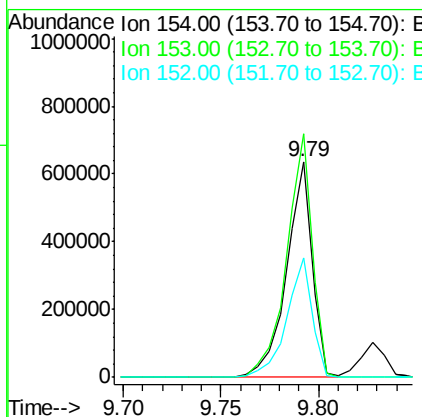
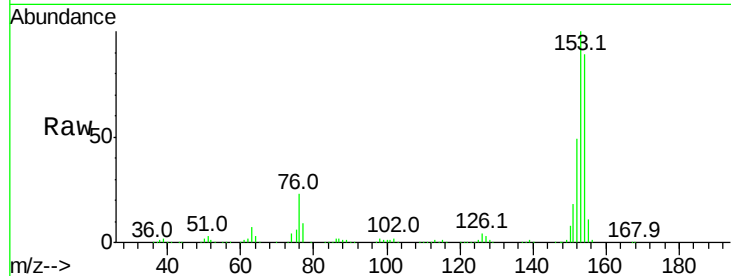
#51
Acenaphthene
Concen: 38.097 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.5	135.7
152	55.2	43.6	65.4

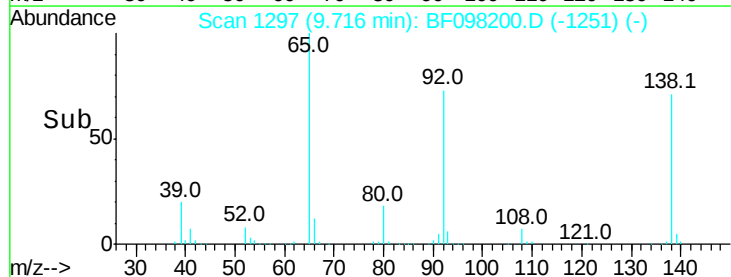
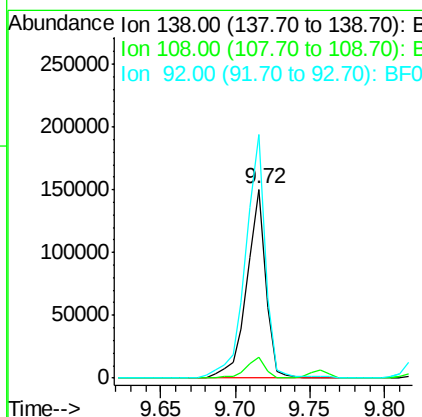
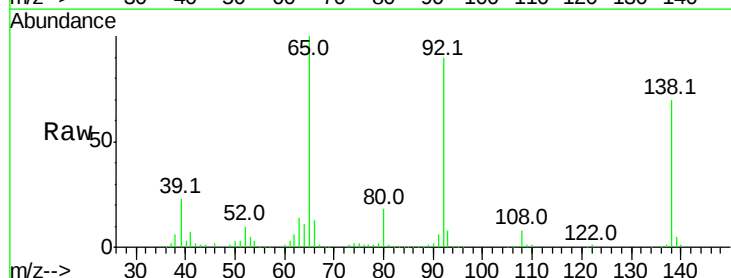
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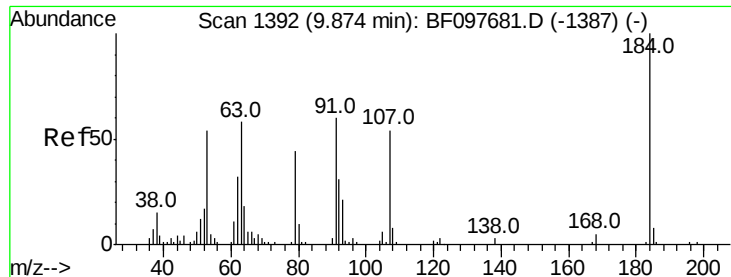
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#52
3-Nitroaniline
Concen: 30.898 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	129.0	93.8	140.6





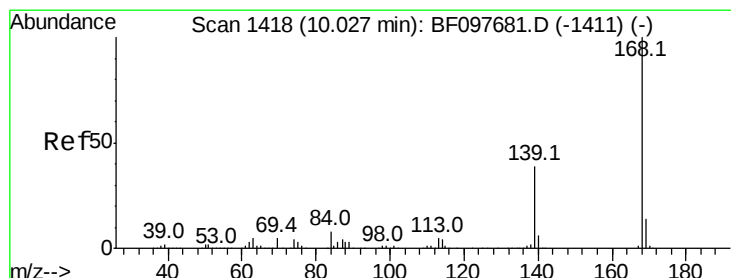
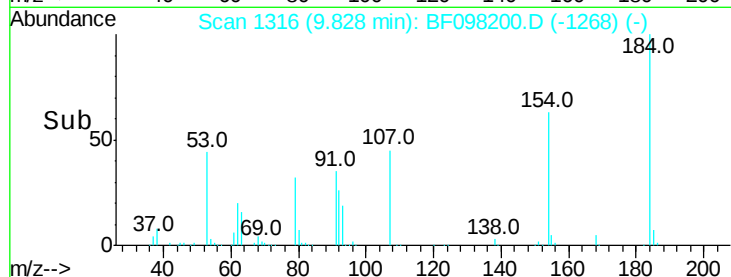
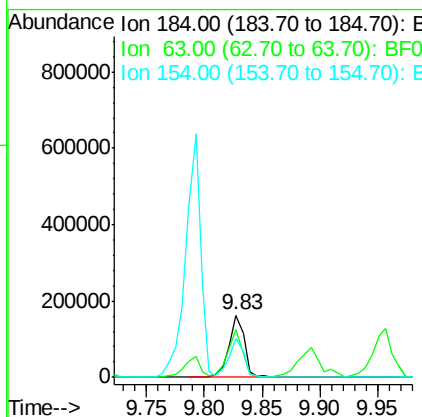
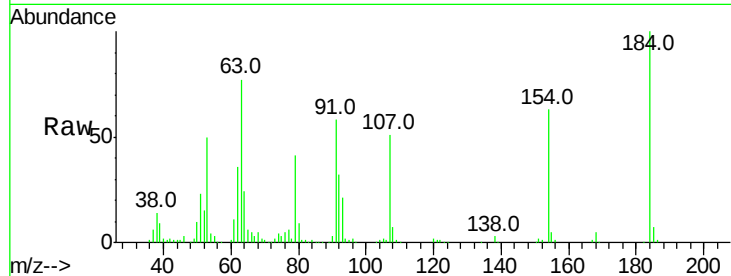
#53
 2,4-Dinitrophenol
 Concen: 95.933 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	76.6	62.7	94.1	
154	62.6	81.1	121.7	

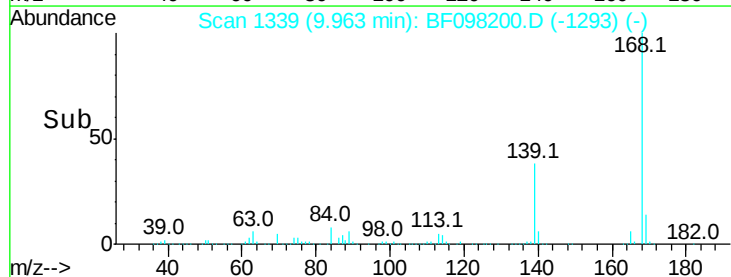
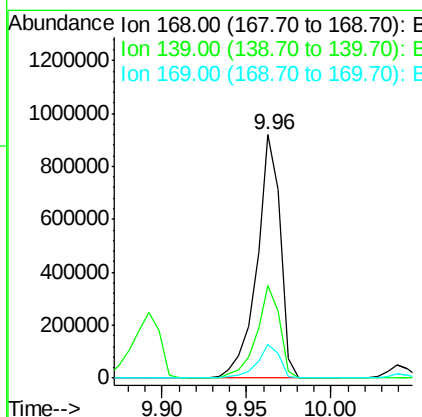
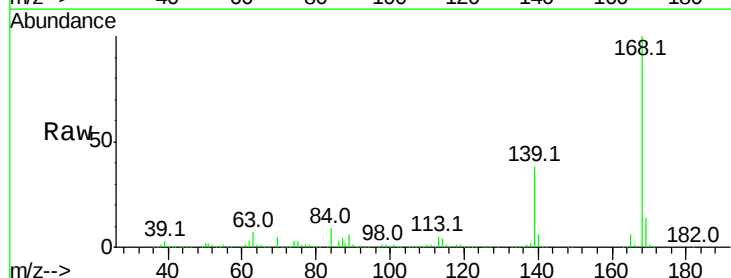
Manual Integrations
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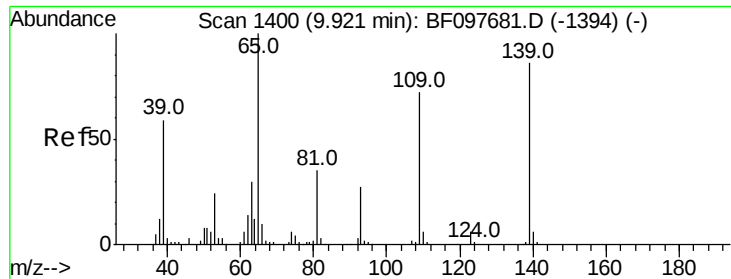
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#54
 Dibenzofuran
 Concen: 43.160 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.03 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.2	30.6	45.8	
169	13.7	10.8	16.2	





#55

4-Nitrophenol

Concen: 82.739 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Instrument :

BNA_F

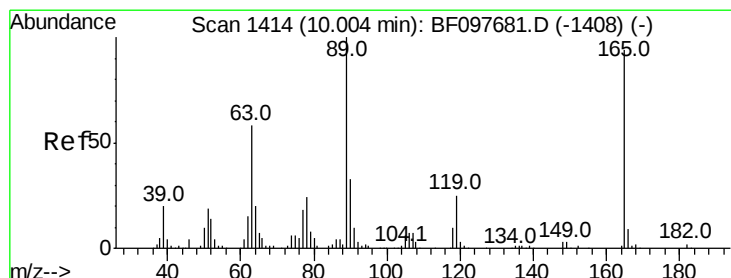
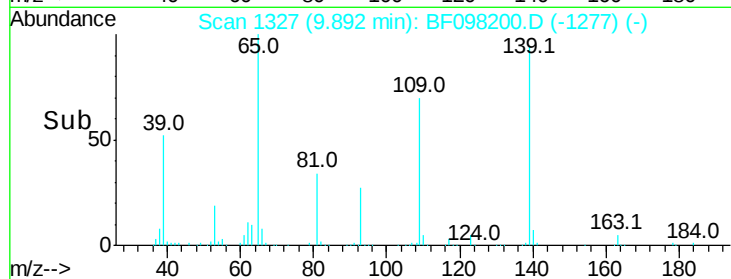
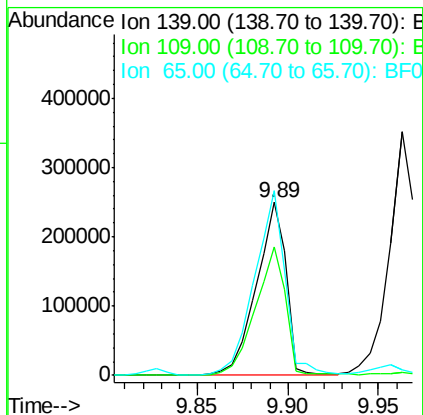
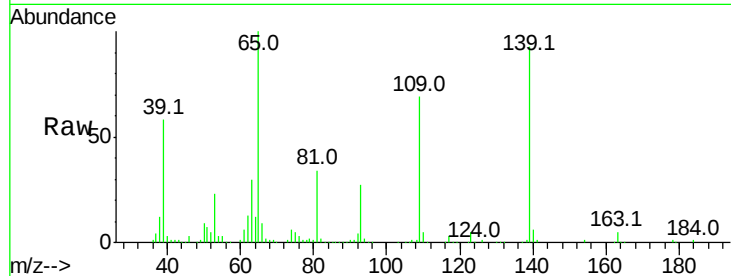
ClientSampleId :

PB101916BS

Tot Ion:139	Resp:	284049
Ion Ratio	Lower	Upper
139	100	
109	74.5	34.1 74.1#
65	107.2	31.4 71.4#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 50.696 ng

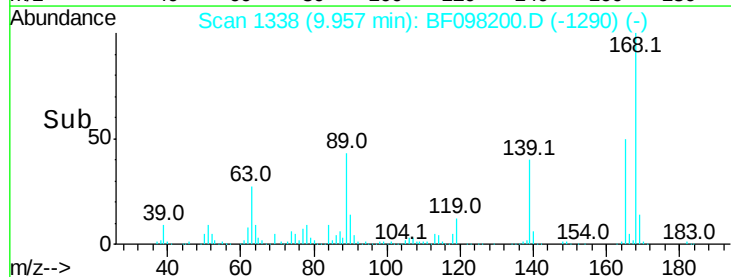
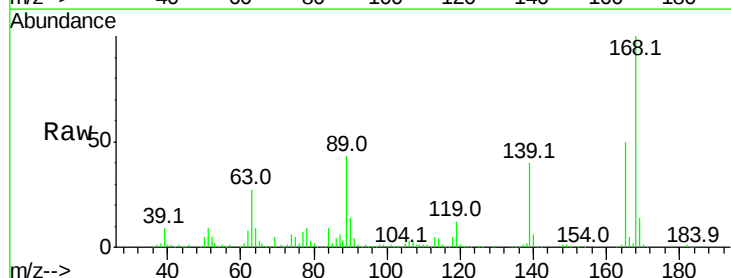
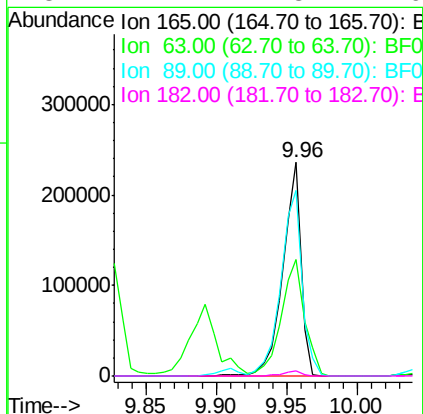
RT: 9.96 min Scan# 1338

Delta R.T. -0.02 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Tgt Ion:165	Resp:	212219
Ion Ratio	Lower	Upper
165	100	
63	54.8	25.4 38.0#
89	86.9	46.4 69.6#
182	2.4	1.8 2.6





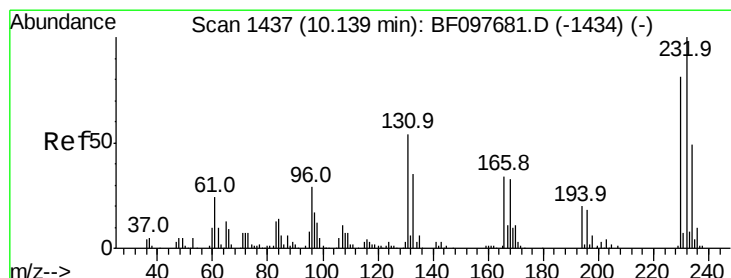
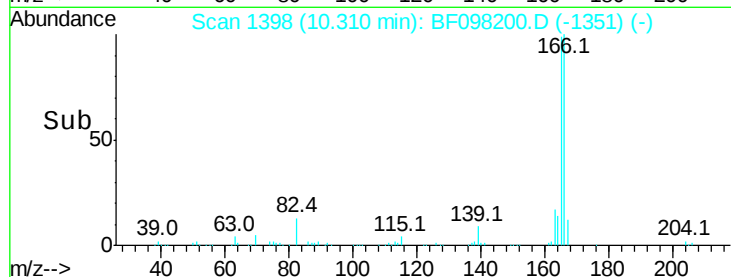
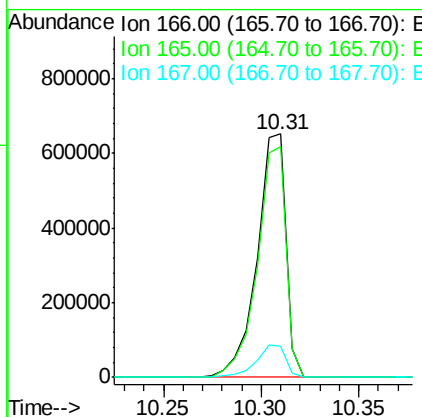
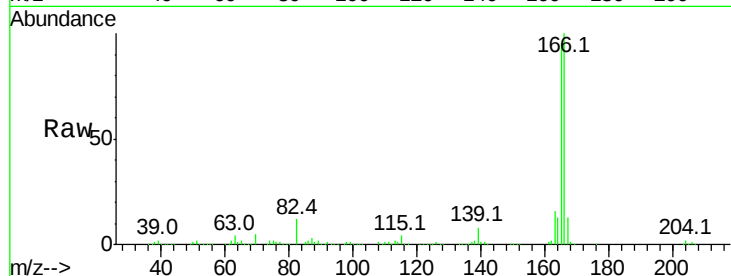
#57
Fluorene
 Concen: 42.267 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.02 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	668154		
165	94.8	78.8	118.2	
167	13.0	10.6	16.0	

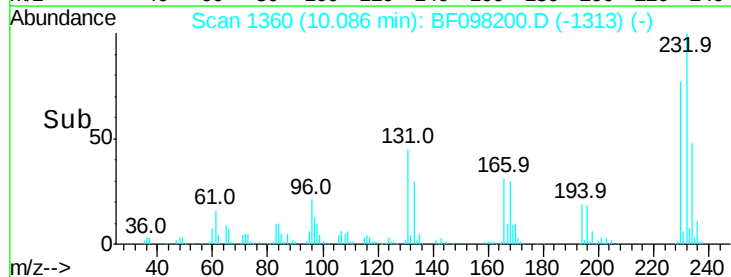
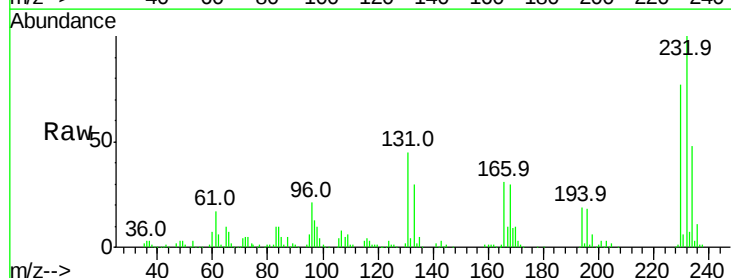
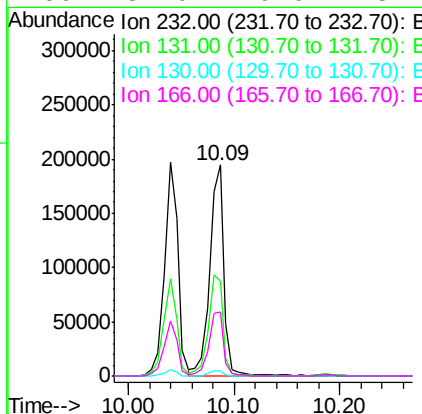
Manual Integrations
 APPROVED

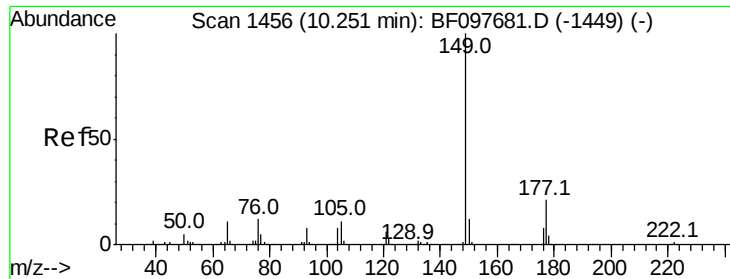
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.949 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	184333		
131	49.4	44.8	67.2	
130	2.6	2.3	3.5	
166	32.0	29.0	43.4	





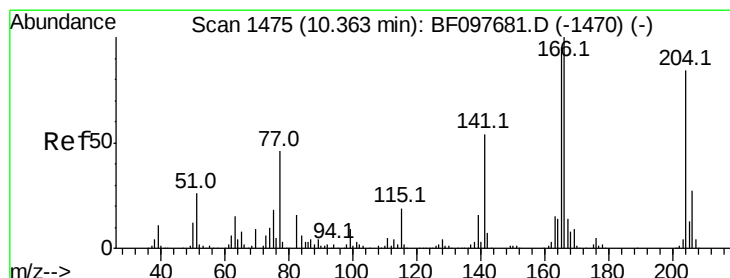
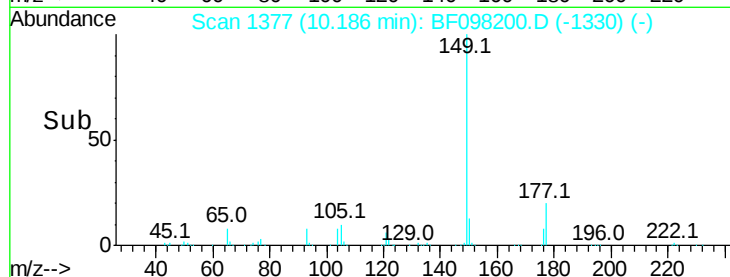
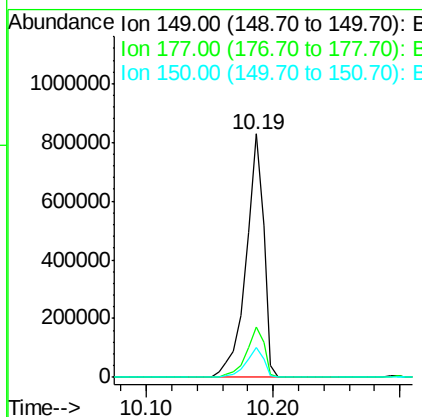
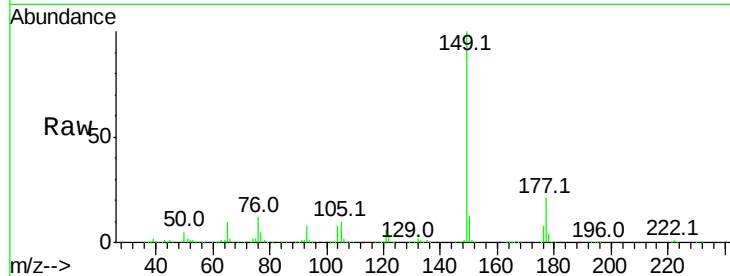
#59
Diethylphthalate
Concen: 45.597 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampled :
PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	796825		
177	20.6	16.7	25.1	
150	12.5	10.2	15.2	

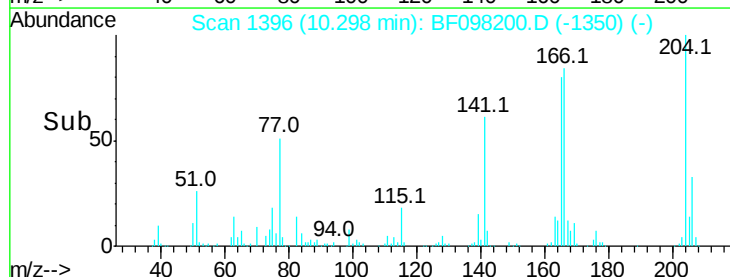
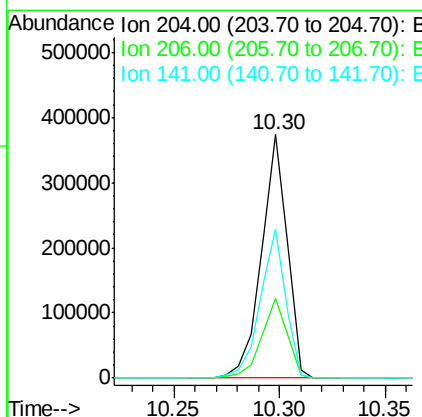
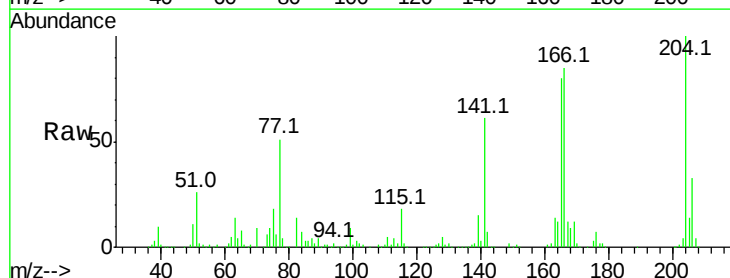
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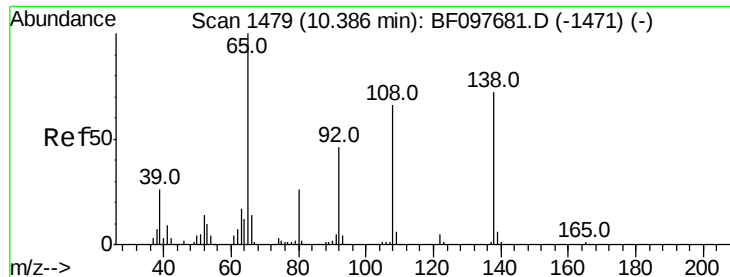
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.112 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	316611		
206	32.6	26.2	39.2	
141	61.3	60.8	91.2	





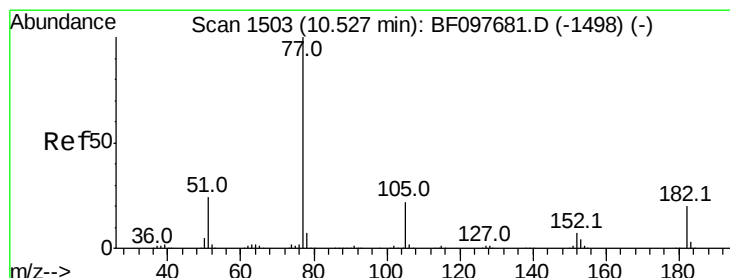
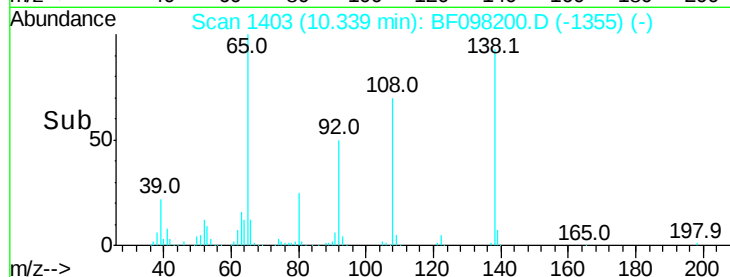
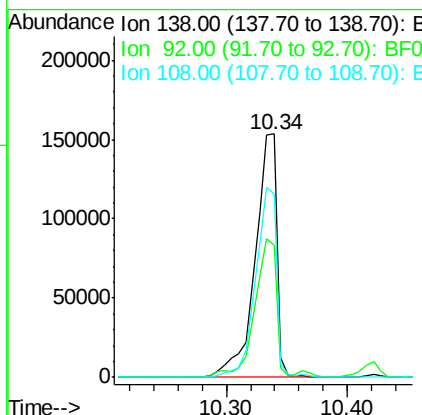
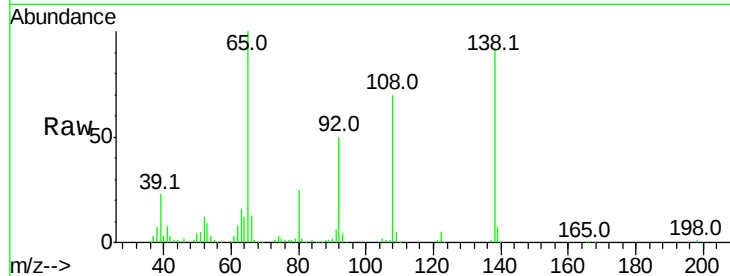
#61
4-Nitroaniline
Concen: 47.647 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	194890		
92	54.1	21.8	61.8	
108	75.6	42.3	82.3	

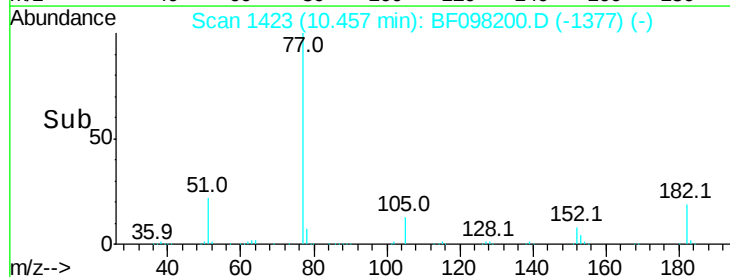
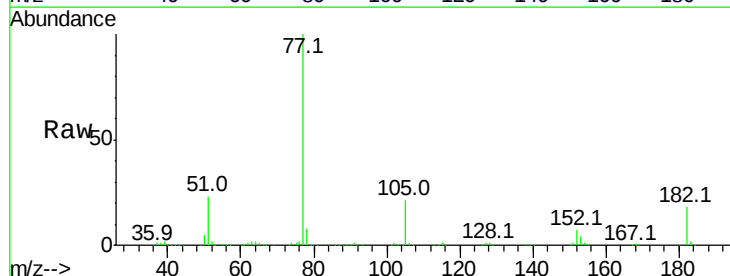
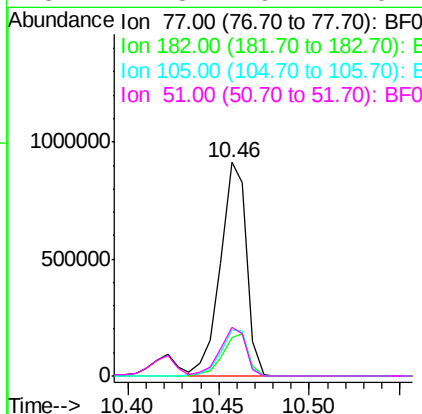
Manual Integrations
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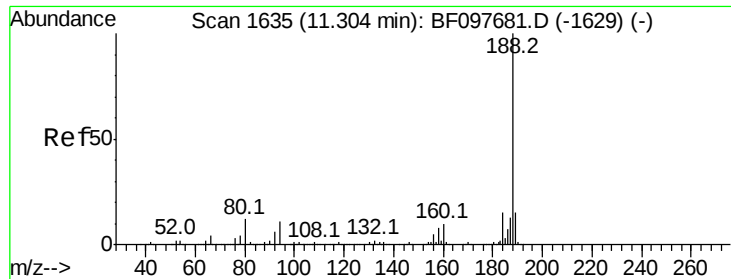
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#62
Azobenzene
Concen: 43.886 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	910976		
182	17.9	0.1	40.1	
105	21.4	3.6	43.6	
51	22.8	9.4	49.4	





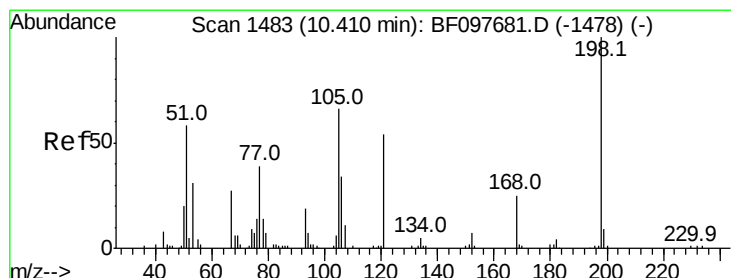
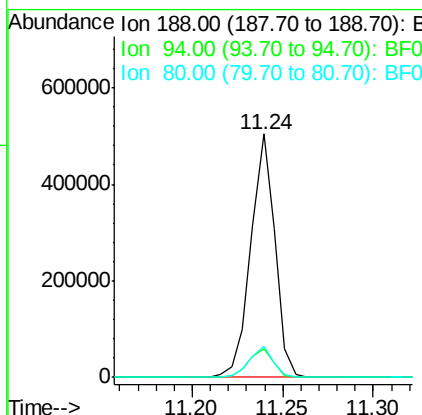
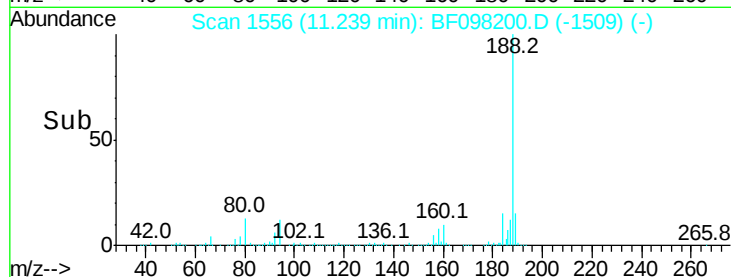
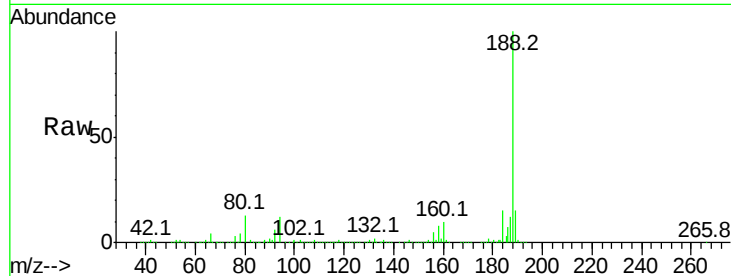
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.02 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	466743		
94	11.8		9.4	14.2
80	12.8		10.2	15.2

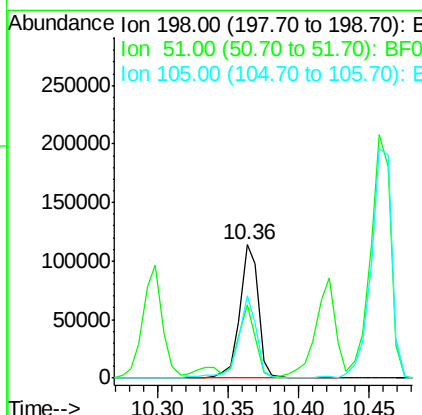
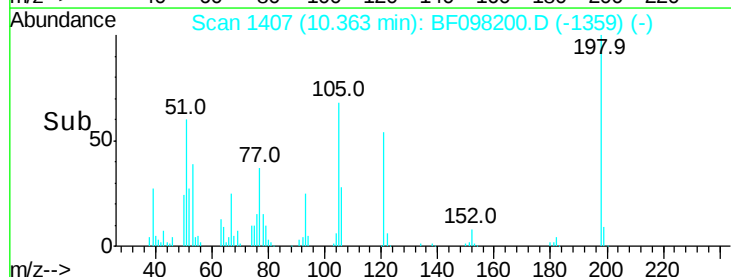
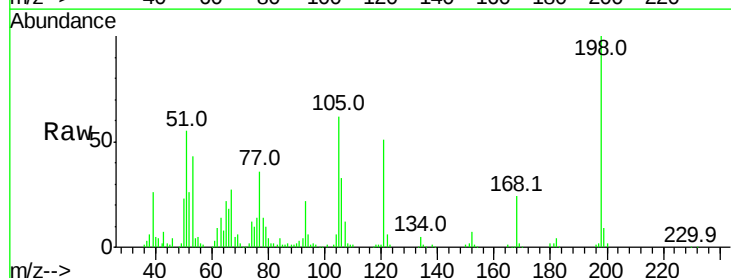
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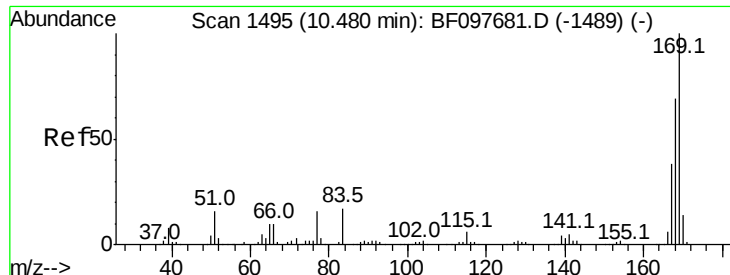
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#64
4,6-Dinitro-2-methylphenol
Concen: 47.734 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	104866		
51	55.2		53.2	93.2
105	62.3		45.8	85.8





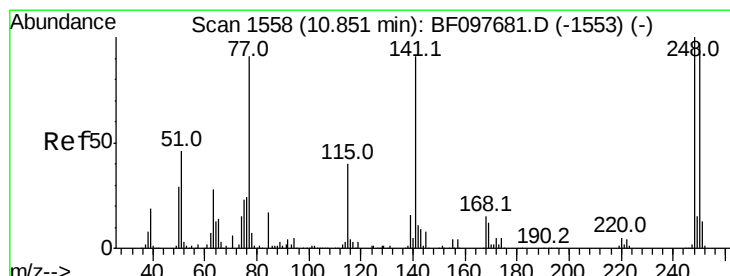
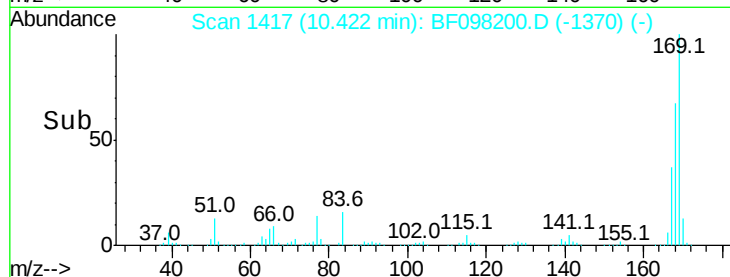
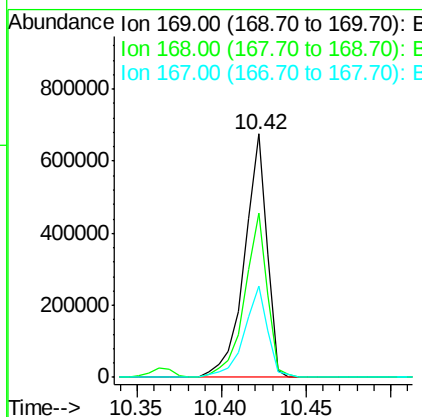
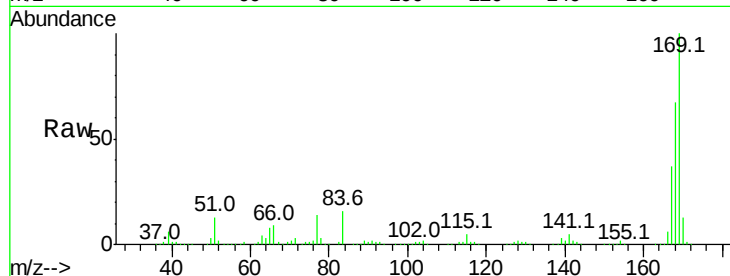
#65
n-Nitrosodiphenylamine
Concen: 39.755 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	631863		
168	67.3	53.2	79.8	
167	37.5	29.5	44.3	

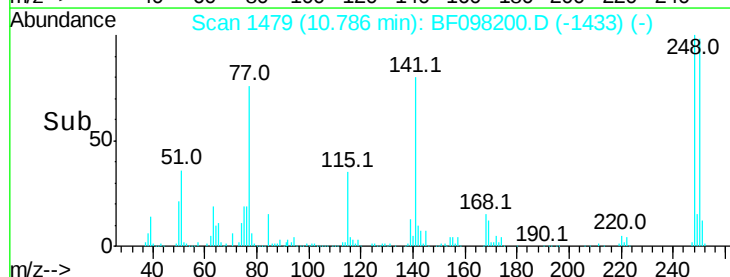
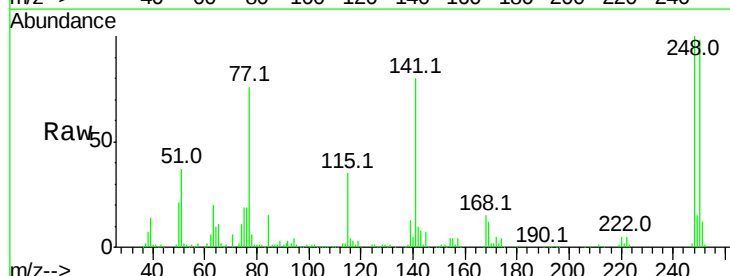
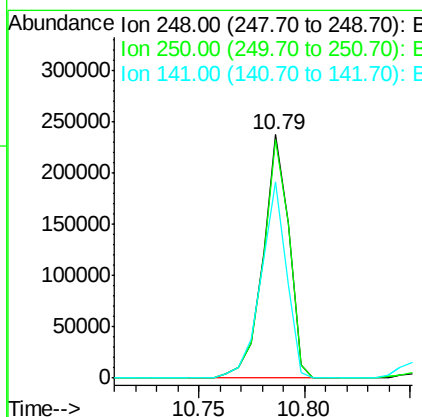
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#66
4-Bromophenyl-phenylether
Concen: 41.682 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	202025		
250	98.1	76.8	115.2	
141	80.4	68.6	103.0	





#67

Hexachlorobenzene

Concen: 40.077 ng

RT: 10.85 min Scan# 1490

Delta R.T. -0.03 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Instrument :

BNA_F

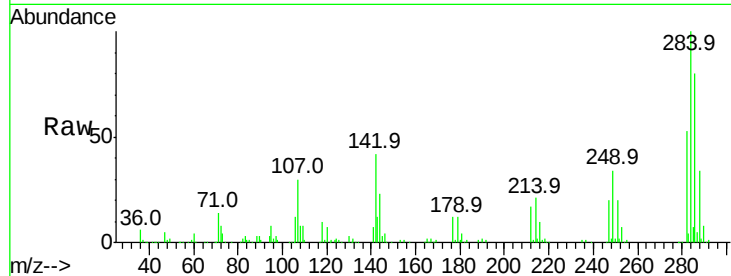
ClientSampleId :

PB101916BS

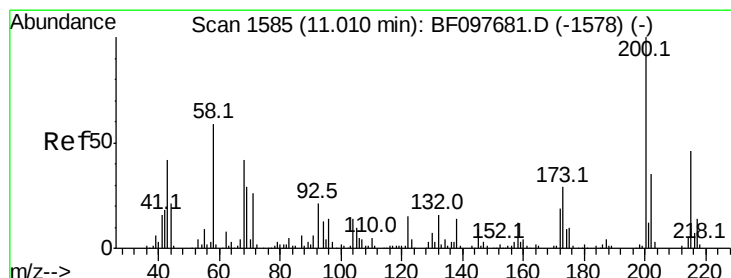
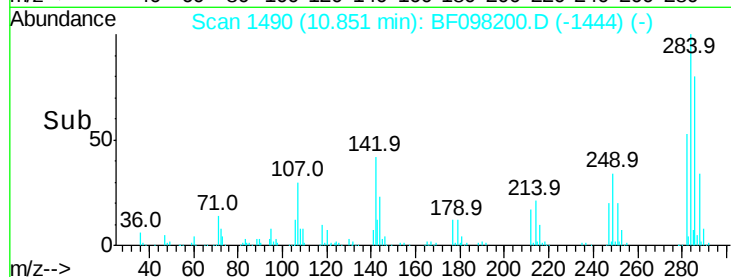
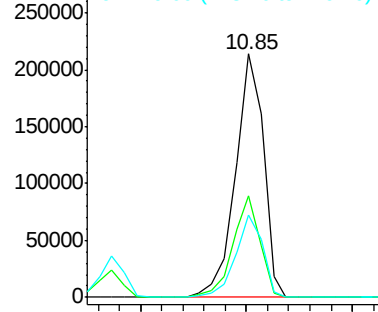
Tot Ion:	284	Resp:	197989
Ion Ratio	Lower	Upper	
284	100		
142	41.7	22.8	34.2#
249	33.9	24.0	36.0

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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: 49.279 ng

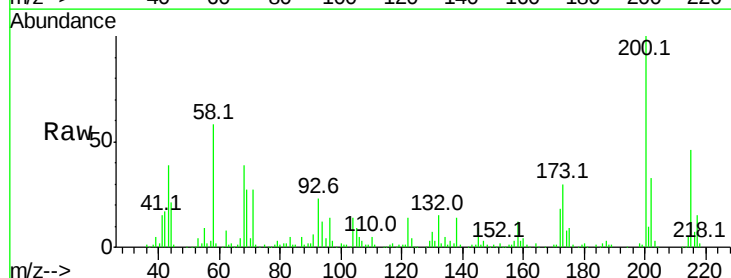
RT: 10.95 min Scan# 1507

Delta R.T. -0.02 min

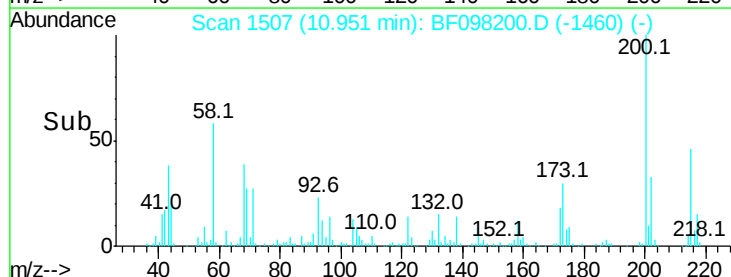
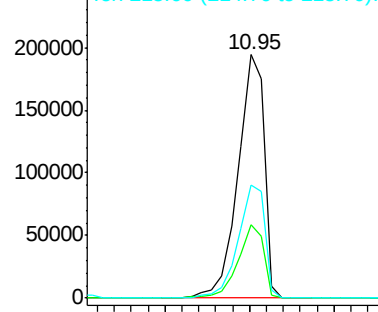
Lab File: BF098200.D

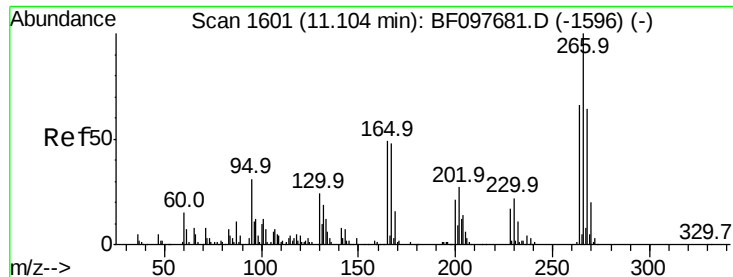
Acq: 31 Aug 2017 17:52

Tgt Ion:	200	Resp:	207714
Ion Ratio	Lower	Upper	
200	100		
173	29.9	6.3	46.3
215	46.5	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





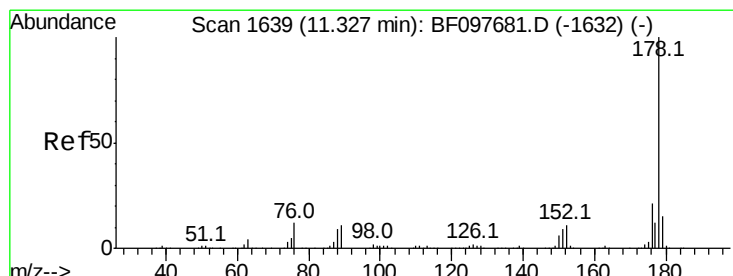
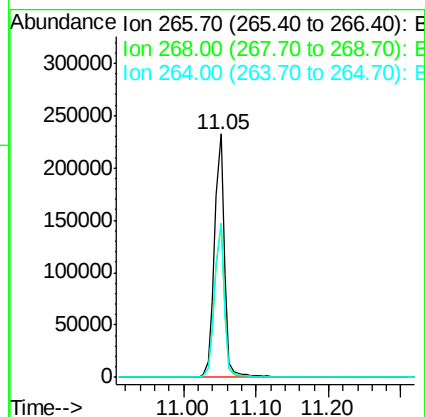
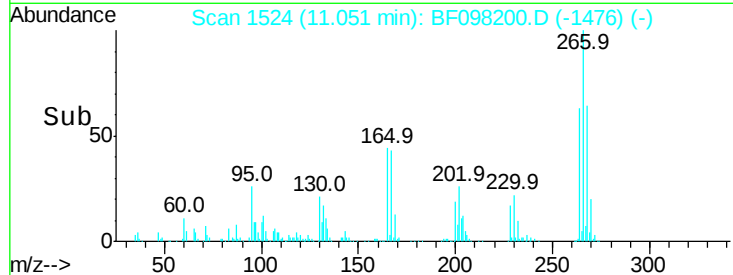
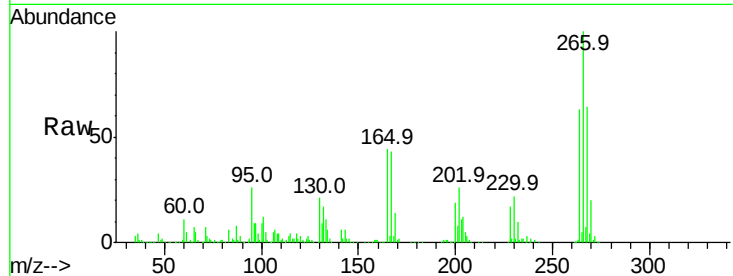
#69
 Pentachlorophenol
 Concen: 78.492 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. -0.02 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	226089		
268	63.5		51.1	76.7
264	63.1		51.7	77.5

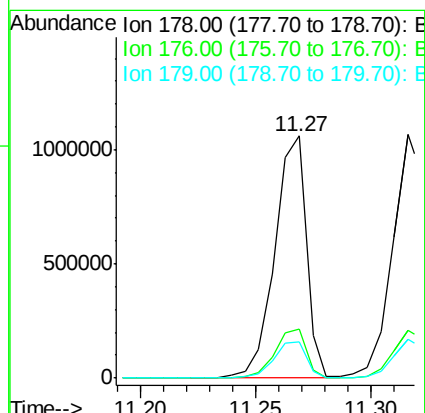
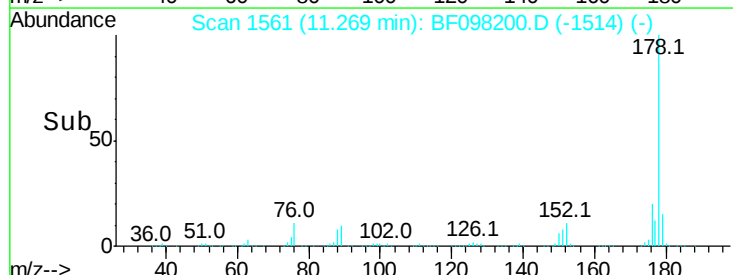
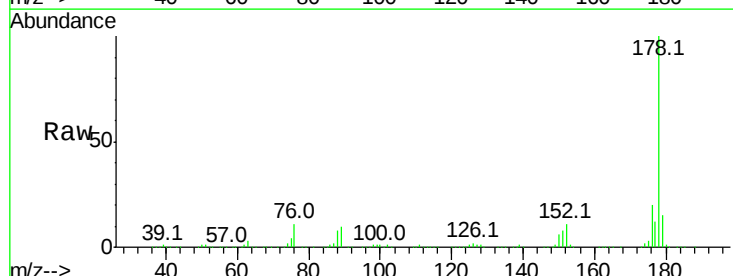
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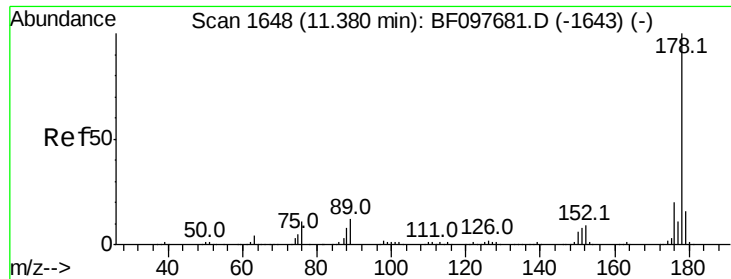
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#70
 Phenanthrene
 Concen: 40.553 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.02 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1008616		
176	20.1		16.2	24.4
179	15.0		12.6	19.0





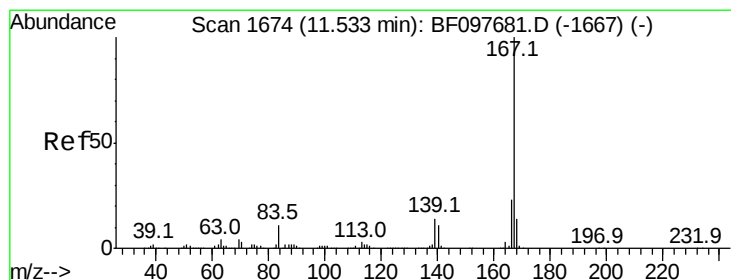
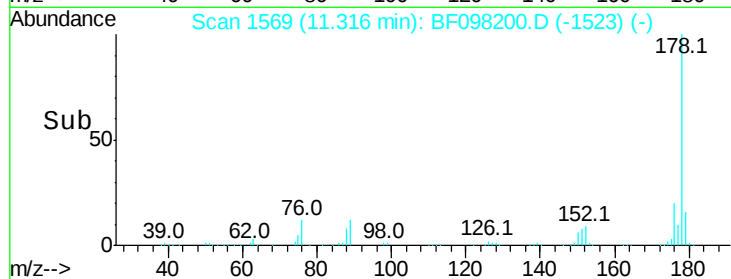
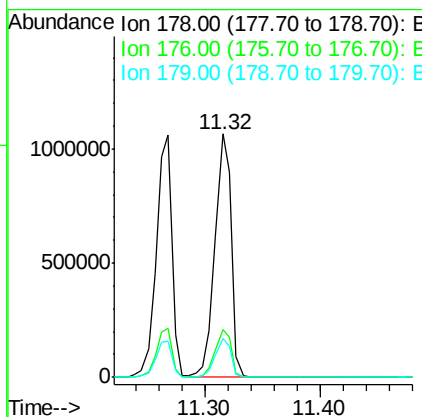
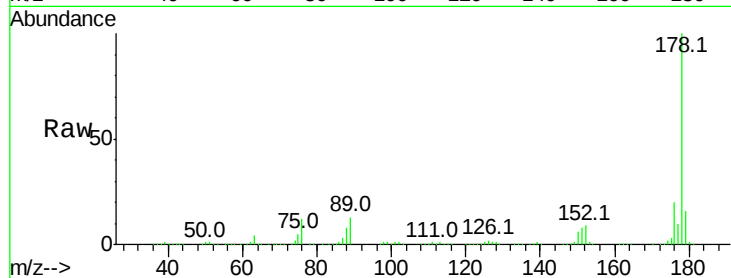
#71
 Anthracene
 Concen: 41.432 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.03 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101916BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.7	12.7	19.1

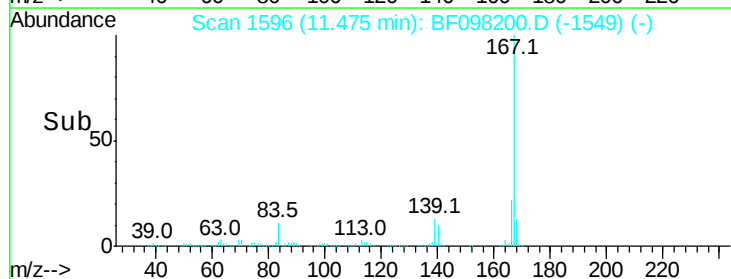
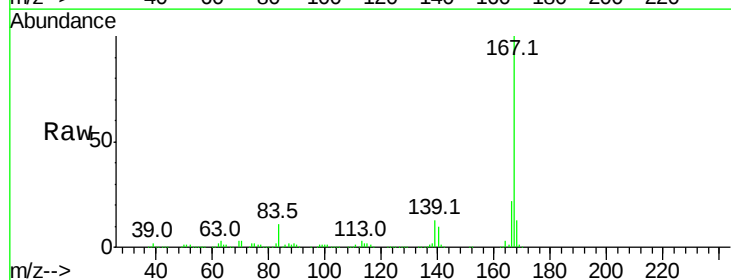
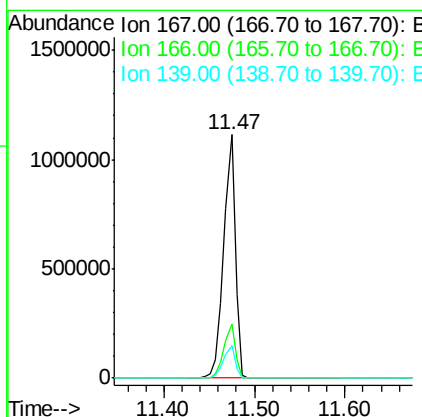
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#72
 Carbazole
 Concen: 40.730 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.3	11.7	17.5





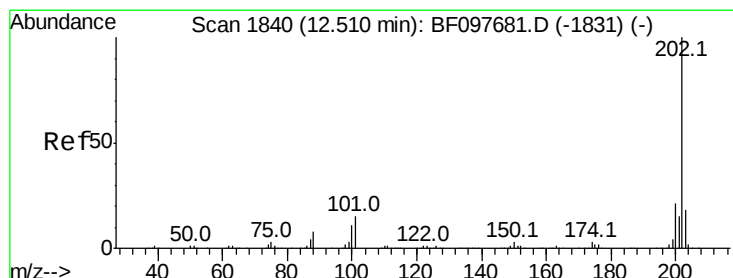
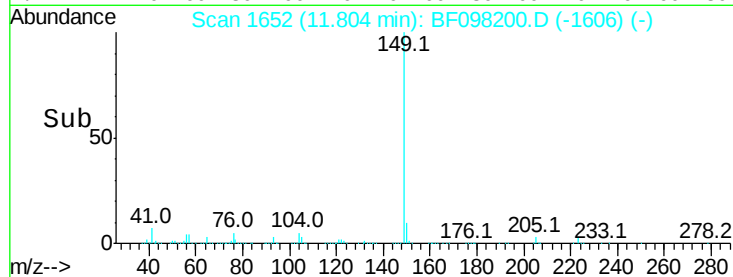
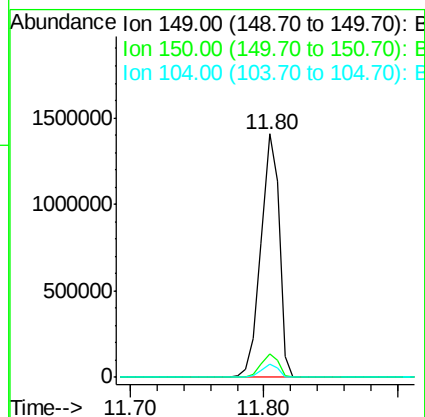
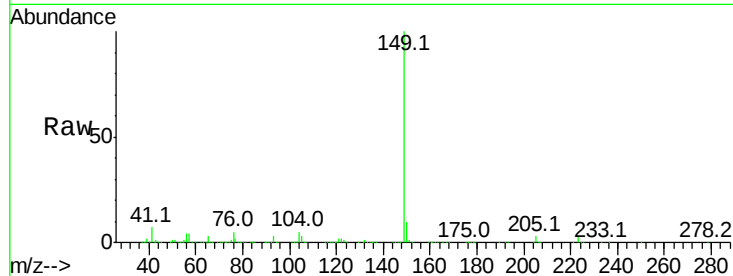
#73
Di-n-butylphthalate
Concen: 47.642 ng
RT: 11.80 min Scan# 1652
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.3	4.0	6.0

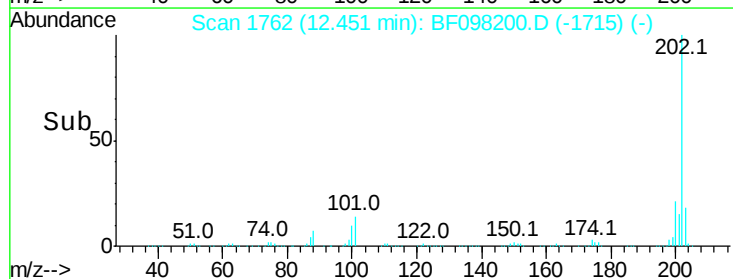
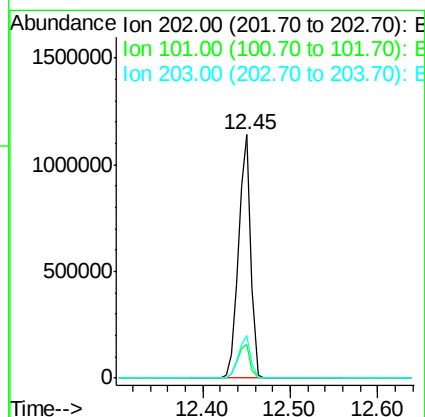
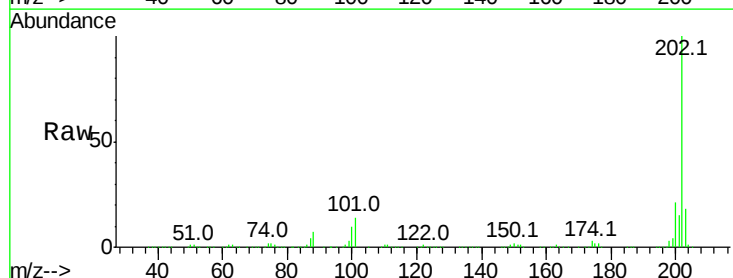
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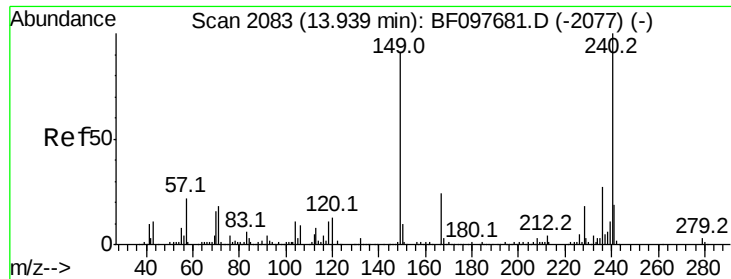
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#74
Fluoranthene
Concen: 41.885 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.02 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Instrument :

BNA_F

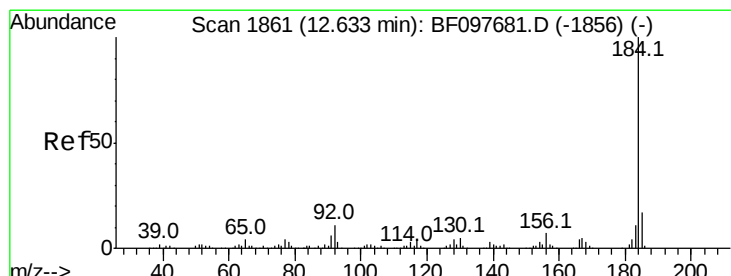
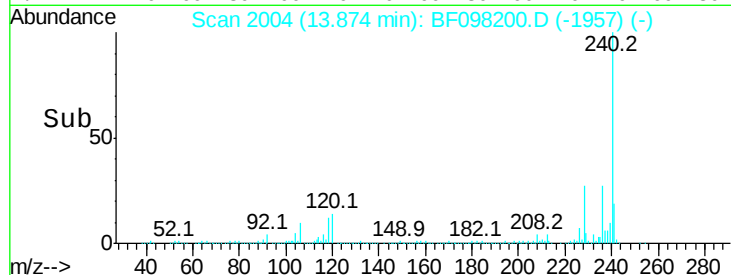
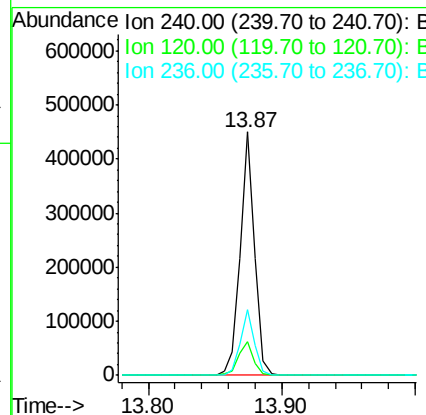
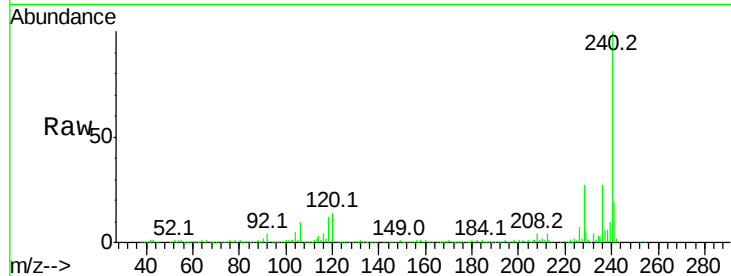
ClientSampleId :

PB101916BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	26.7	20.5	30.7

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#76

Benzidine

Concen: 39.525 ng

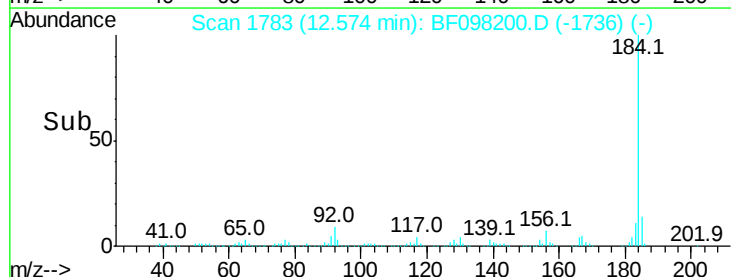
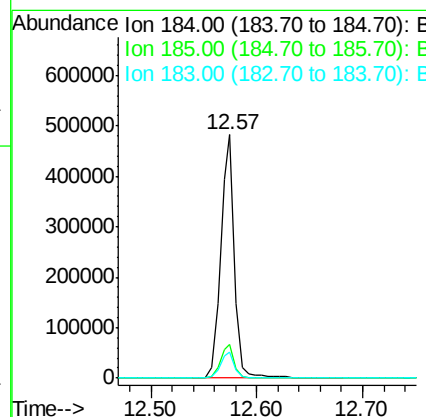
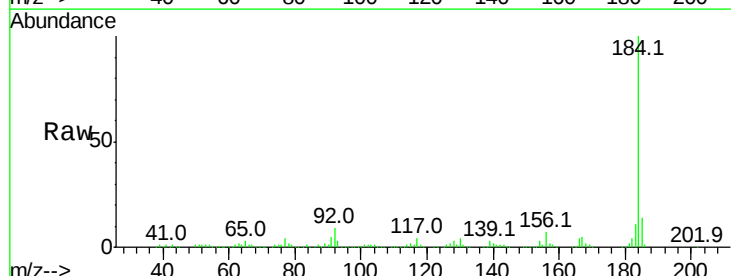
RT: 12.57 min Scan# 1783

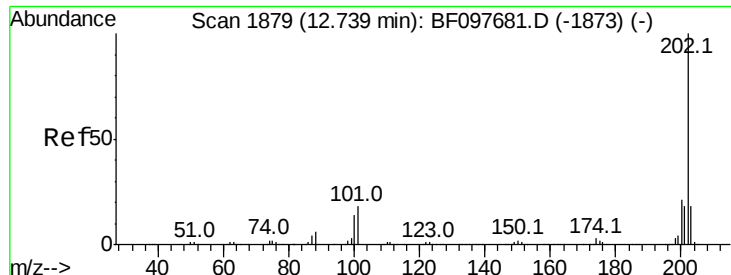
Delta R.T. -0.02 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	15.5	23.3#
183	10.9	9.8	14.6





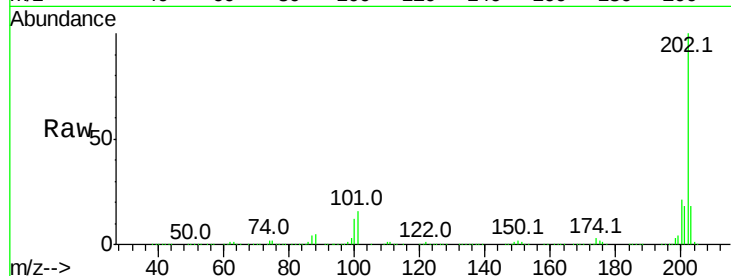
#77
Pvrene
Concen: 38.853 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.8	14.4	21.6

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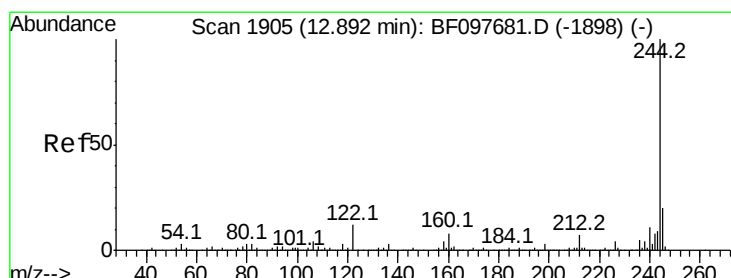
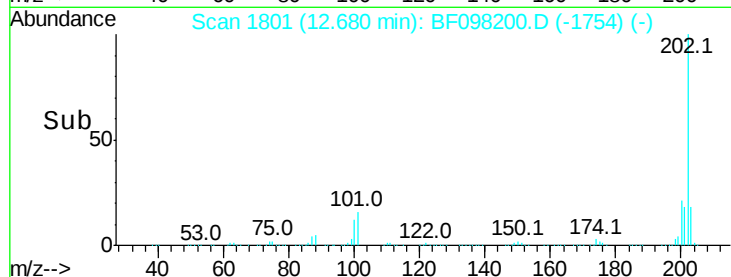
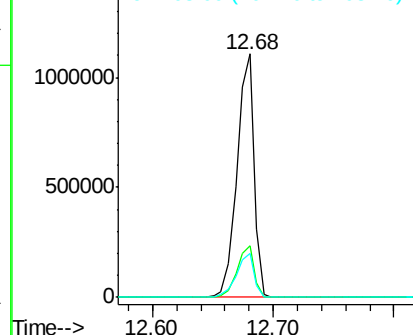


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 75.438 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

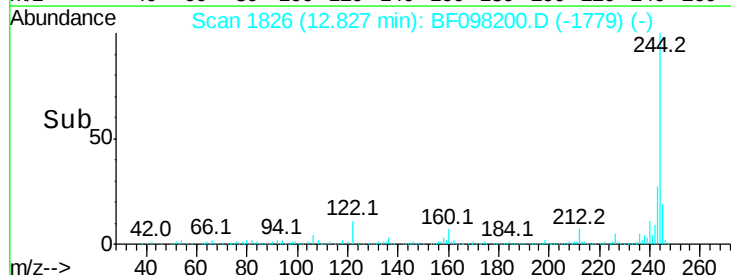
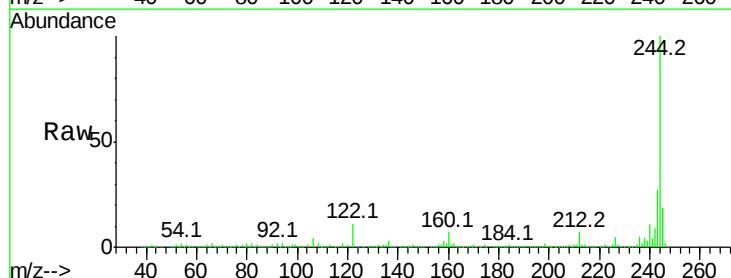
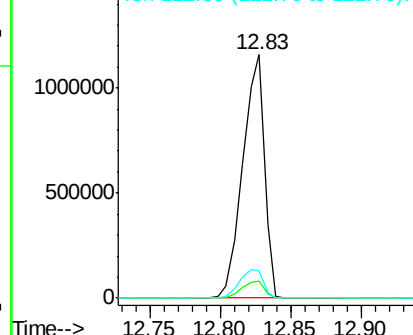
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.5	10.3	15.5

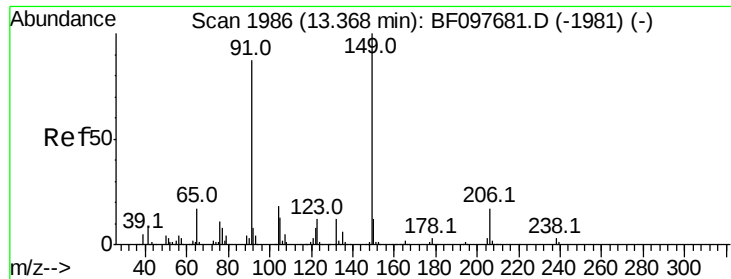
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 50.608 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Instrument :

BNA_F

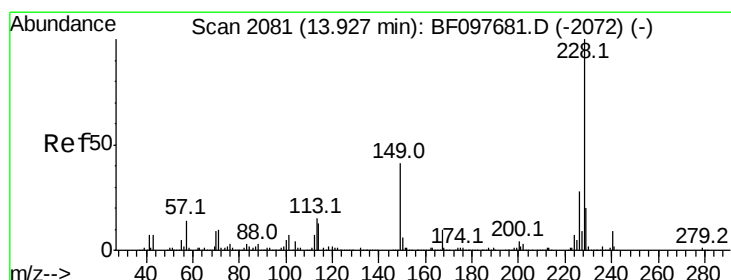
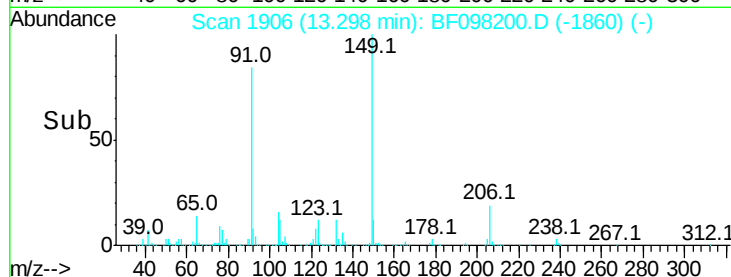
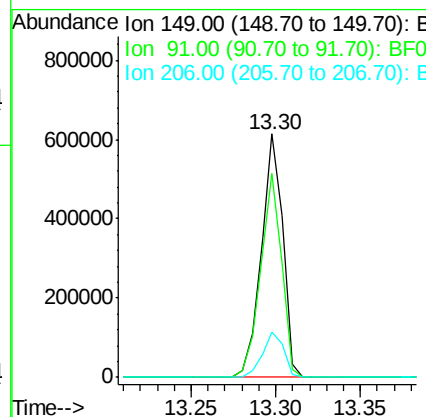
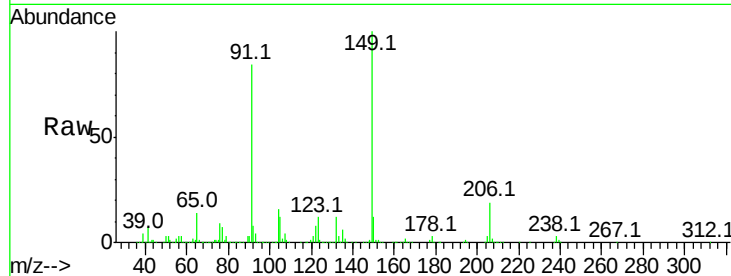
ClientSampleId :

PB101916BS

Tot Ion:	149	Resp:	545072
Ion Ratio	Lower	Upper	
149	100		
91	83.8	45.0	67.4#
206	18.6	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 38.219 ng

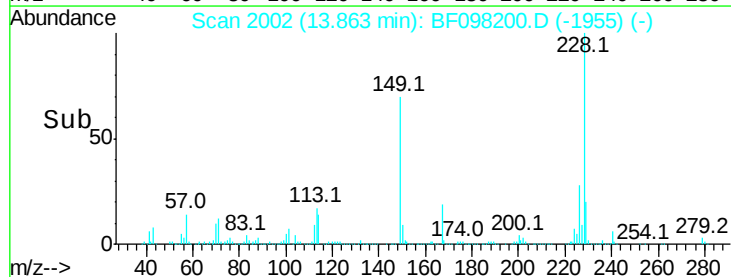
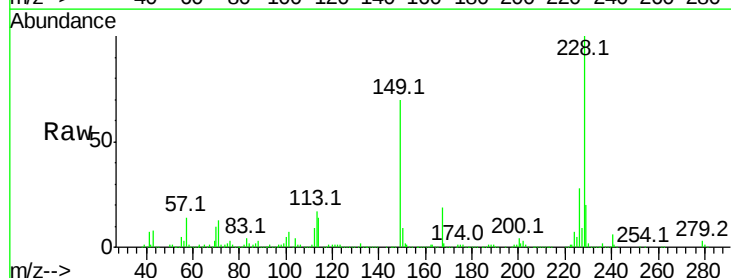
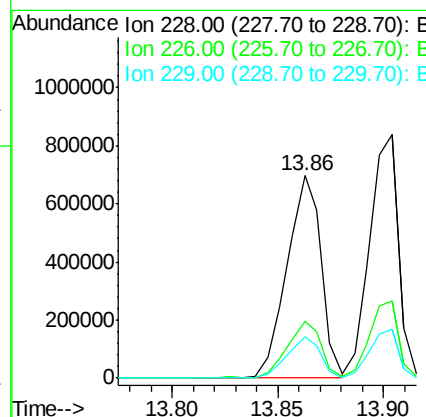
RT: 13.86 min Scan# 2002

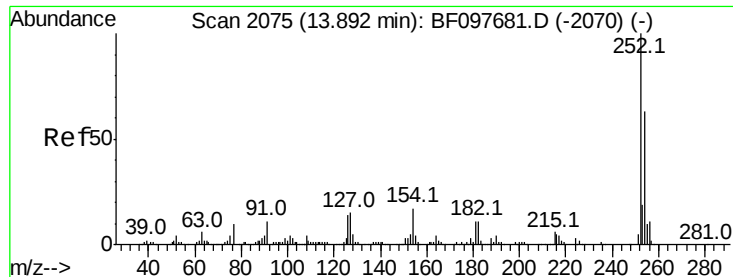
Delta R.T. -0.02 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Tgt Ion:	228	Resp:	786769
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.6	33.8
229	20.3	16.3	24.5





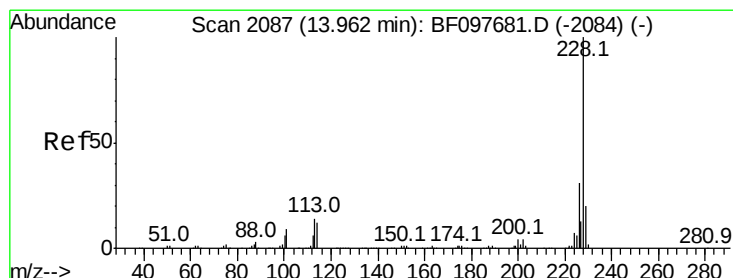
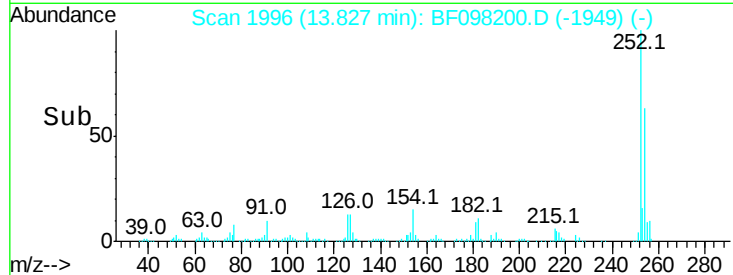
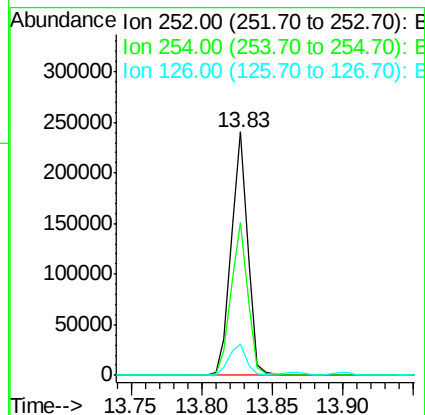
#81
 3,3'-Dichlorobenzidine
 Concen: 28.247 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101916BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.7	51.5	77.3
126	13.0	15.8	23.8

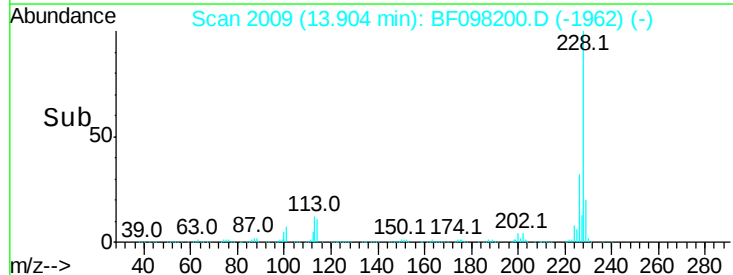
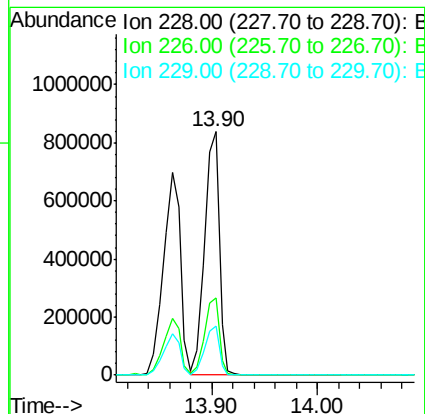
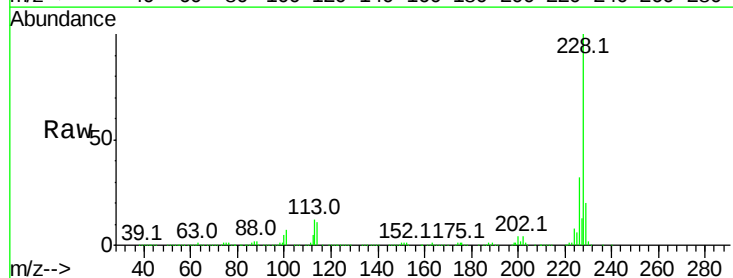
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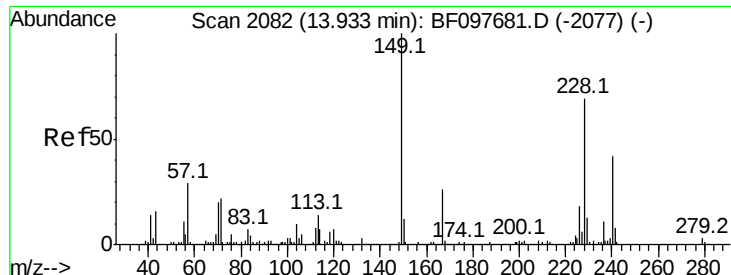
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#82
 Chrysene
 Concen: 39.212 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.02 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.6	24.9	37.3
229	20.1	15.8	23.6





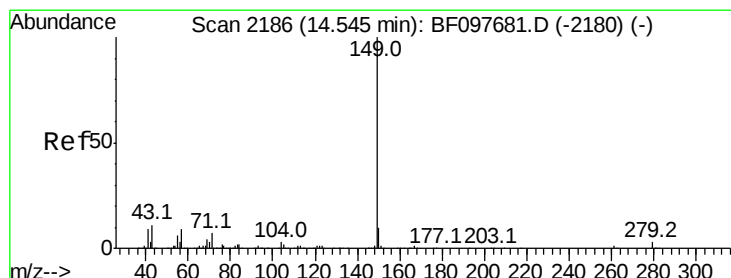
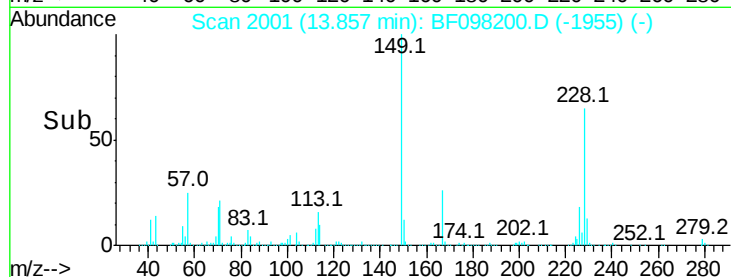
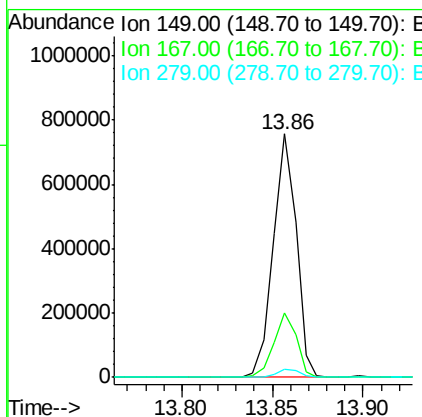
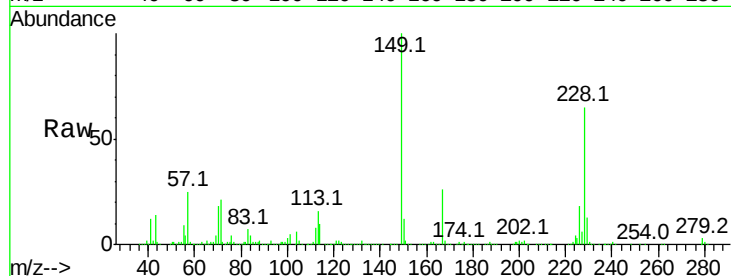
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 56.068 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.03 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101916BS

Tot Ion:	149	Resp:	669169
Ion Ratio		Lower	Upper
149	100		
167	26.4	21.0	31.4
279	3.1	1.9	2.9#

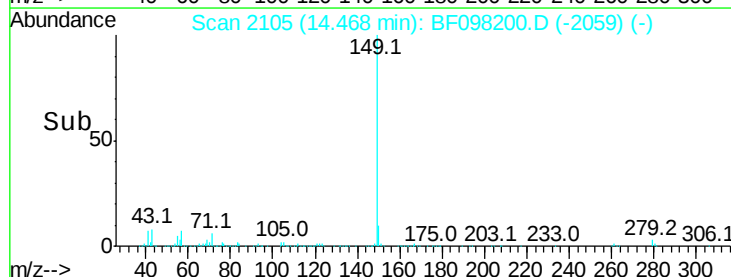
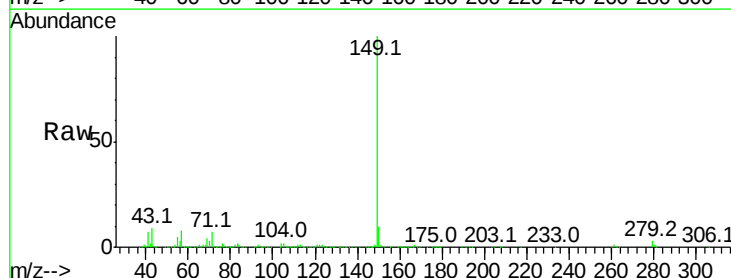
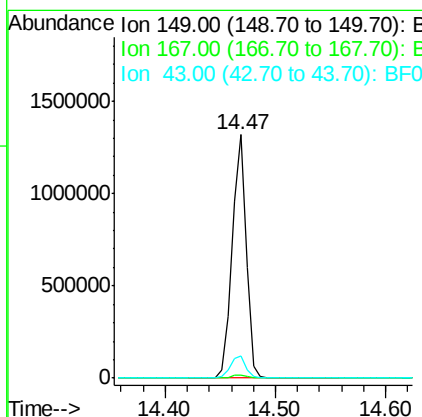
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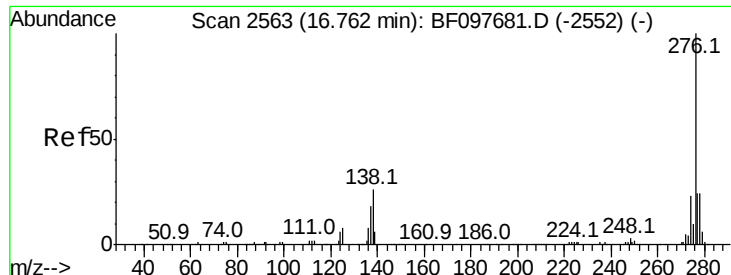
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#84
 Di-n-octyl phthalate
 Concen: 56.936 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. -0.03 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Tgt Ion:	149	Resp:	1182361
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.5	8.5	12.7





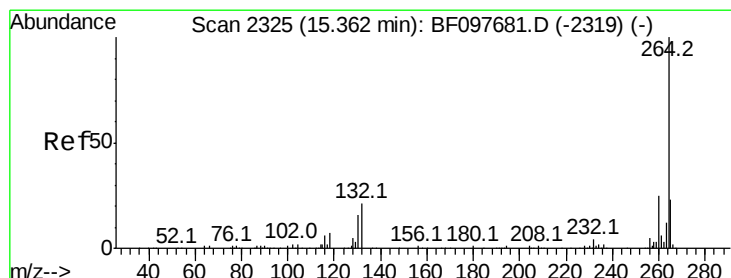
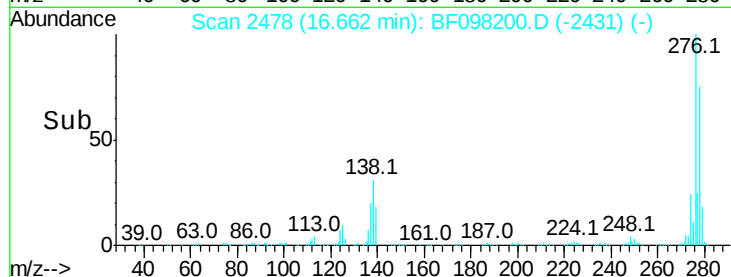
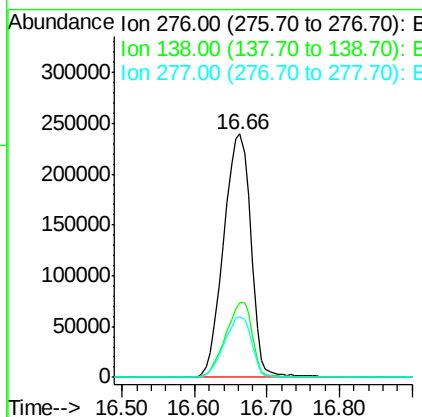
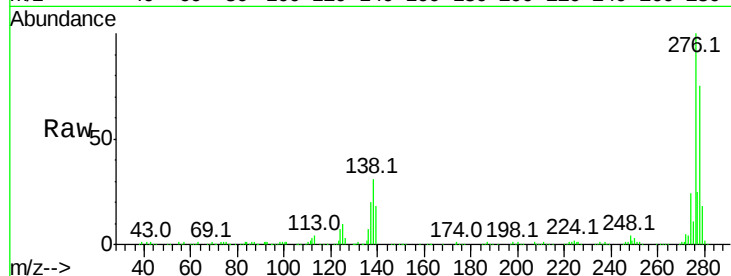
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.743 ng
 RT: 16.66 min Scan# 2478
 Delta R.T. -0.02 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB101916BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.1	27.8	41.6
277	25.1	20.2	30.4

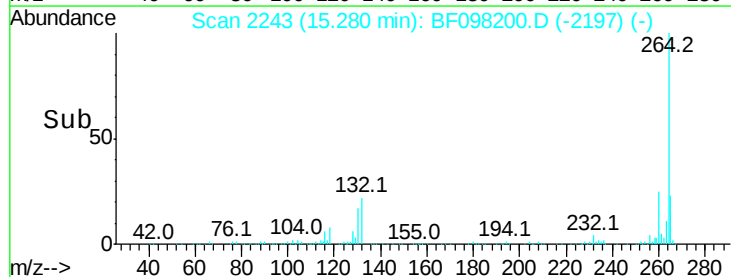
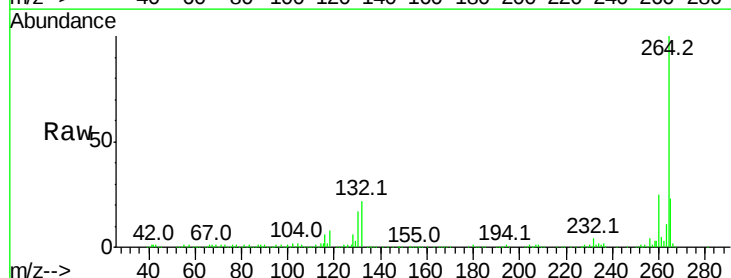
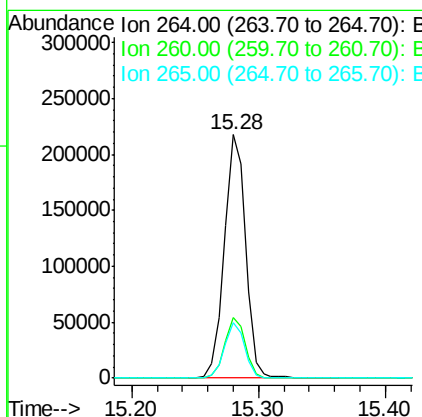
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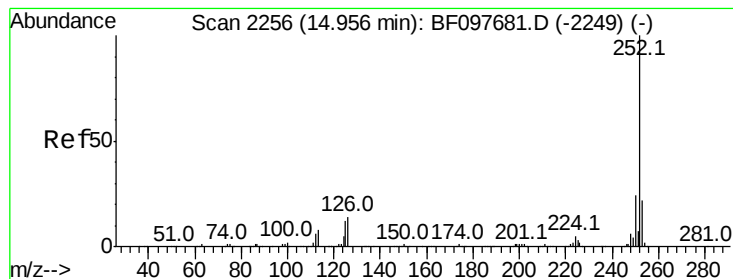
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BF098200.D
 Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 44.395 ng

RT: 14.89 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Instrument :

BNA_F

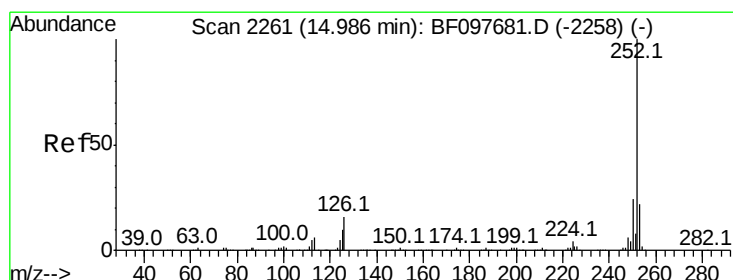
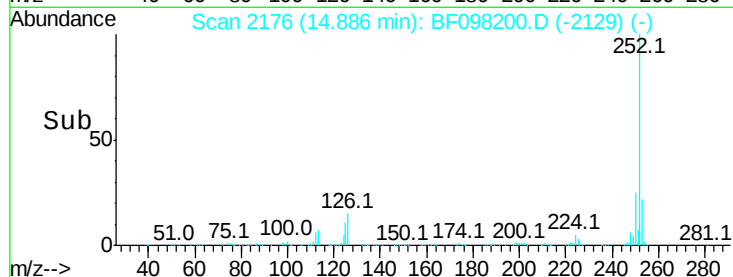
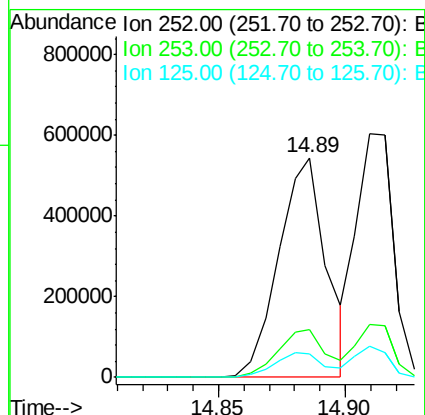
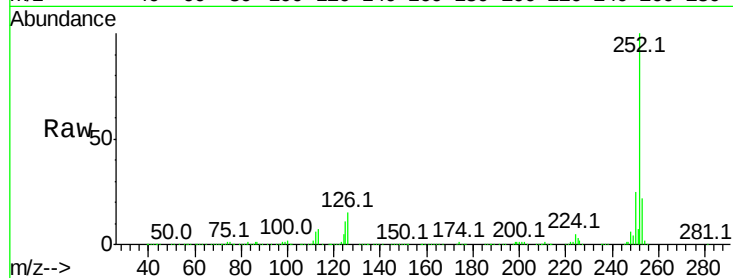
ClientSampleId :

PB101916BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	708887		
253	21.8	18.1	27.1	
125	10.6	9.8	14.8	

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#88

Benzo(k)fluoranthene

Concen: 41.499 ng

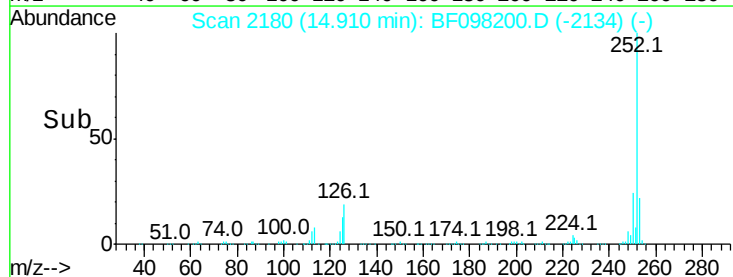
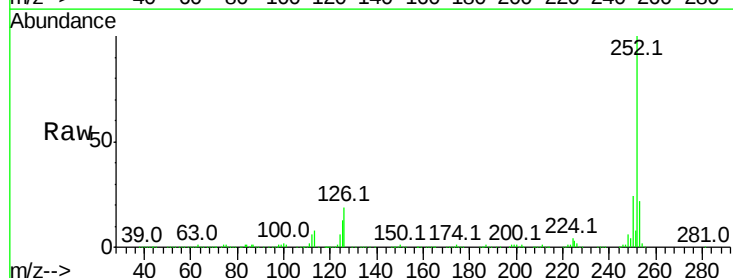
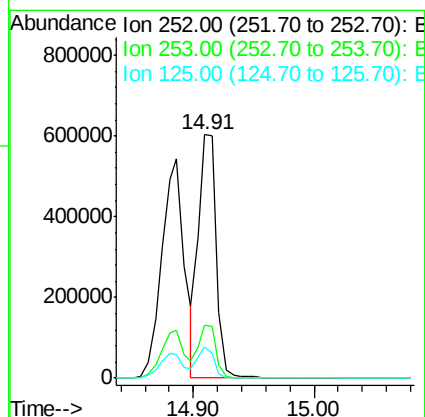
RT: 14.91 min Scan# 2180

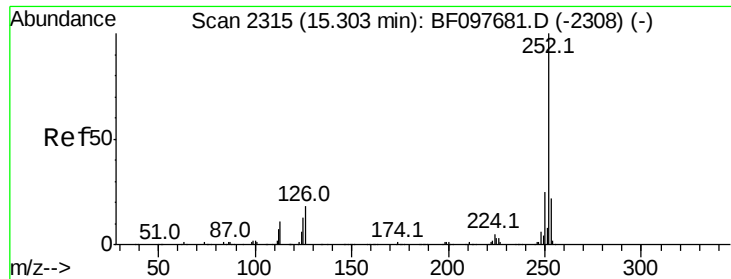
Delta R.T. -0.03 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	622568		
253	21.6	18.4	27.6	
125	12.8	13.1	19.7	





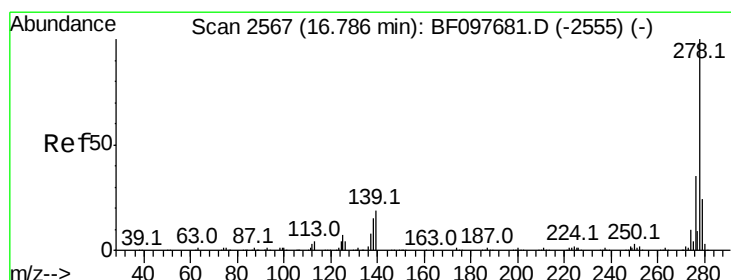
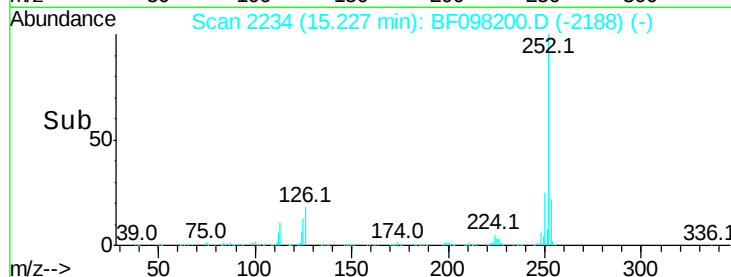
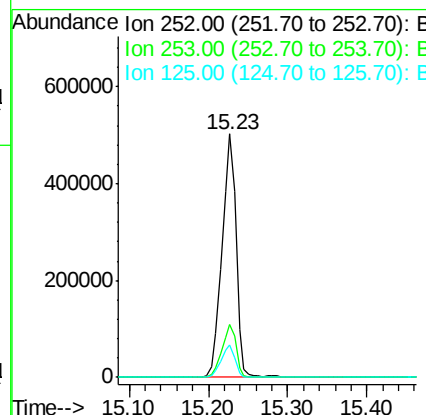
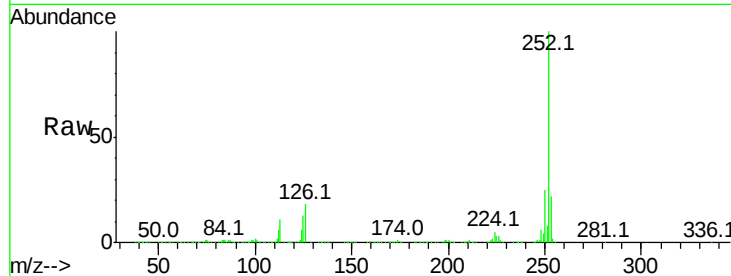
#89
Benzo(a)pyrene
Concen: 44.087 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Instrument :
BNA_F
ClientSampleId :
PB101916BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	13.1	11.0	16.4

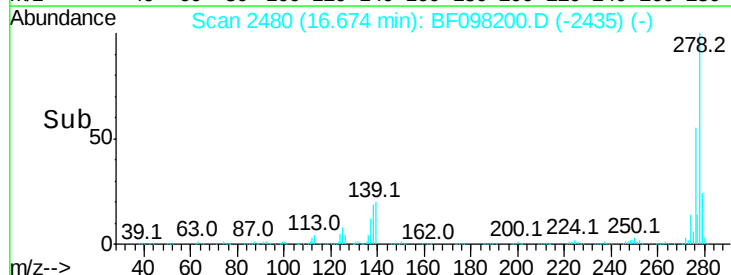
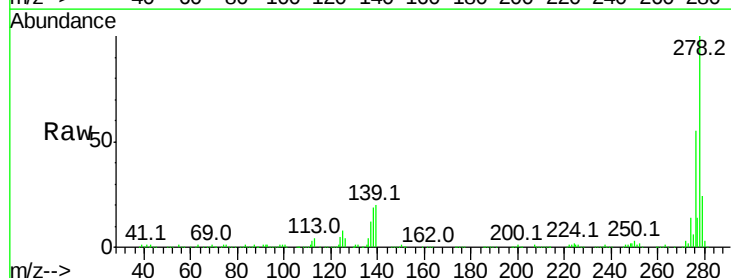
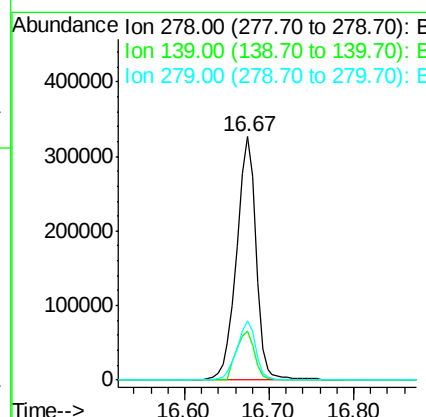
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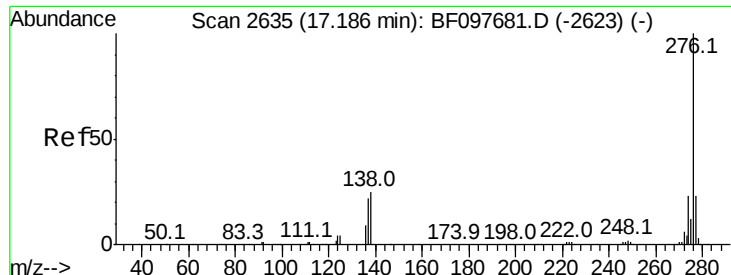
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#90
Dibenzo(a,h)anthracene
Concen: 45.015 ng
RT: 16.67 min Scan# 2480
Delta R.T. -0.04 min
Lab File: BF098200.D
Acq: 31 Aug 2017 17:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	16.6	24.8
279	24.1	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 44.092 ng

RT: 17.07 min Scan# 2548

Delta R.T. -0.04 min

Lab File: BF098200.D

Acq: 31 Aug 2017 17:52

Instrument :

BNA_F

ClientSampleId :

PB101916BS

Tot Ion:	276	Resp:	529452
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.6	28.0
138	25.3	25.4	38.0#

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