

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
 Data File : BF097030.D
 Acq On : 25 Jul 2017 15:49
 Operator : SJ/JU
 Sample : PB100892BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:54:24 PM

Quant Time: Jul 25 17:06:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	146609	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	589848	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	262467	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	451397	20.00	ng	0.00
75) Chrysene-d12	13.63	240	240071	20.00	ng	0.00
86) Perylene-d12	14.97	264	202222	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	781018	80.31	ng	0.02
7) Phenol-d6	6.17	99	938024	84.49	ng	0.00
23) Nitrobenzene-d5	7.07	82	732784	72.88	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	161394	77.83	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1267878	81.98	ng	0.00
78) Terphenyl-d14	12.59	244	921077	78.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.14	88	150886	37.178	ng	# 74
3) Pyridine	2.75	79	441396	35.518	ng	# 64
4) n-Nitrosodimethylamine	2.71	42	256087	37.196	ng	# 86
6) Aniline	6.16	93	176671	12.645	ng	# 43
8) 2-Chlorophenol	6.29	128	423487	40.723	ng	# 96
9) Benzaldehyde	6.04	77	141662	21.556	ng	# 97
10) Phenol	6.18	94	516278	39.203	ng	# 94
11) bis(2-Chloroethyl)ether	6.25	93	426036	40.903	ng	# 90
12) 1,3-Dichlorobenzene	6.44	146	421467	37.608	ng	# 99
13) 1,4-Dichlorobenzene	6.52	146	412709	37.160	ng	# 94
14) 1,2-Dichlorobenzene	6.67	146	343773	35.451	ng	# 98
15) Benzyl Alcohol	6.66	79	273970	38.975	ng	# 95
16) 2,2'-oxybis(1-Chloropropan	6.79	45	731222	35.001	ng	# 75
17) 2-Methylphenol	6.79	107	287106	35.772	ng	# 89
18) Hexachloroethane	7.01	117	145925	35.914	ng	# 84
19) n-Nitroso-di-n-propylamine	6.93	70	267051	36.542	ng	# 85
20) 3+4-Methylphenols	6.95	107	406929	38.820	ng	# 63
22) Acetophenone	6.92	105	509607	35.976	ng	# 98
24) Nitrobenzene	7.09	77	377017	36.003	ng	# 95
25) Isophorone	7.33	82	706420	35.876	ng	# 97
26) 2-Nitrophenol	7.40	139	215541	38.045	ng	# 85
27) 2,4-Dimethylphenol	7.46	122	349323	37.378	ng	# 96
28) bis(2-Chloroethoxy)methane	7.55	93	485798	37.806	ng	# 99
29) 2,4-Dichlorophenol	7.66	162	314044	39.007	ng	# 97
30) 1,2,4-Trichlorobenzene	7.73	180	294628	38.393	ng	# 97
31) Naphthalene	7.80	128	1069852	38.477	ng	# 100
32) Benzoic acid	7.63	122	222441	31.875	ng	# 94
33) 4-Chloroaniline	7.86	127	76309	6.745	ng	# 96
34) Hexachlorobutadiene	7.93	225	153067	37.624	ng	# 96
35) Caprolactam	8.25	113	104722m	40.564	ng	#
36) 4-Chloro-3-methylphenol	8.37	107	332437	37.848	ng	# 90
37) 2-Methylnaphthalene	8.50	142	726402	41.262	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	247687	35.367	ng	# 99
40) Hexachlorocyclopentadiene	8.65	237	207728	84.426	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	188673	37.176	nq	98
43) 2,4,5-Trichlorophenol	8.83	196	189525	37.310	nq	98
45) 1,1'-Biphenyl	8.96	154	791892	35.323	nq	97
46) 2-Chloronaphthalene	8.98	162	613127	37.165	nq	94
47) 2-Nitroaniline	9.09	65	224857	37.557	nq	95
48) Acenaphthylene	9.39	152	952270	37.606	nq	99
49) Dimethylphthalate	9.27	163	761841	38.223	nq	99
50) 2,6-Dinitrotoluene	9.33	165	166111	39.295	nq	# 85
51) Acenaphthene	9.56	154	561625	37.653	nq	97
52) 3-Nitroaniline	9.49	138	61970	11.810	nq	95
53) 2,4-Dinitrophenol	9.61	184	103023	53.600	nq	# 73
54) Dibenzofuran	9.74	168	802379	40.387	nq	99
55) 4-Nitrophenol	9.69	139	198768	63.700	nq	# 56
56) 2,4-Dinitrotoluene	9.74	165	187512	38.586	nq	# 64
57) Fluorene	10.08	166	608388	40.743	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	145802	41.570	nq	99
59) Diethylphthalate	9.97	149	724122	39.601	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	257808	41.810	nq	96
61) 4-Nitroaniline	10.11	138	171189	34.336	nq	90
62) Azobenzene	10.23	77	764647	45.076	nq	92
64) 4,6-Dinitro-2-methylphenol	10.15	198	86591	30.871	nq	89
65) n-Nitrosodiphenylamine	10.20	169	601041	38.268	nq	97
66) 4-Bromophenyl-phenylether	10.56	248	184030	40.852	nq	96
67) Hexachlorobenzene	10.63	284	185495	36.720	nq	# 92
68) Atrazine	10.73	200	174905	38.836	nq	94
69) Pentachlorophenol	10.83	266	145600	69.660	nq	99
70) Phenanthrene	11.03	178	917297	37.927	nq	100
71) Anthracene	11.08	178	944176	38.115	nq	99
72) Carbazole	11.24	167	857824	35.211	nq	99
73) Di-n-butylphthalate	11.58	149	1192141	39.587	nq	100
74) Fluoranthene	12.21	202	857376	36.185	nq	98
76) Benzidine	12.33	184	211655	23.761	nq	# 92
77) Pyrene	12.43	202	861708	43.844	nq	99
79) Butylbenzylphthalate	13.07	149	456200	45.632	nq	# 82
80) Benzo(a)anthracene	13.62	228	600857	38.681	nq	98
81) 3,3'-Dichlorobenzidine	13.59	252	115475	19.713	nq	# 94
82) Chrysene	13.65	228	586766	38.684	nq	99
83) Bis(2-ethylhexyl)phthalate	13.63	149	564064	43.213	nq	99
84) Di-n-octyl phthalate	14.24	149	926960	38.697	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.20	276	470943	36.209	nq	97
87) Benzo(b)fluoranthene	14.62	252	492671	40.529	nq	98
88) Benzo(k)fluoranthene	14.64	252	426347	36.806	nq	# 94
89) Benzo(a)pyrene	14.92	252	442013	39.730	nq	97
90) Dibenzo(a,h)anthracene	16.21	278	390573	42.810	nq	# 95
91) Benzo(g,h,i)perylene	16.56	276	428207	44.757	nq	97

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

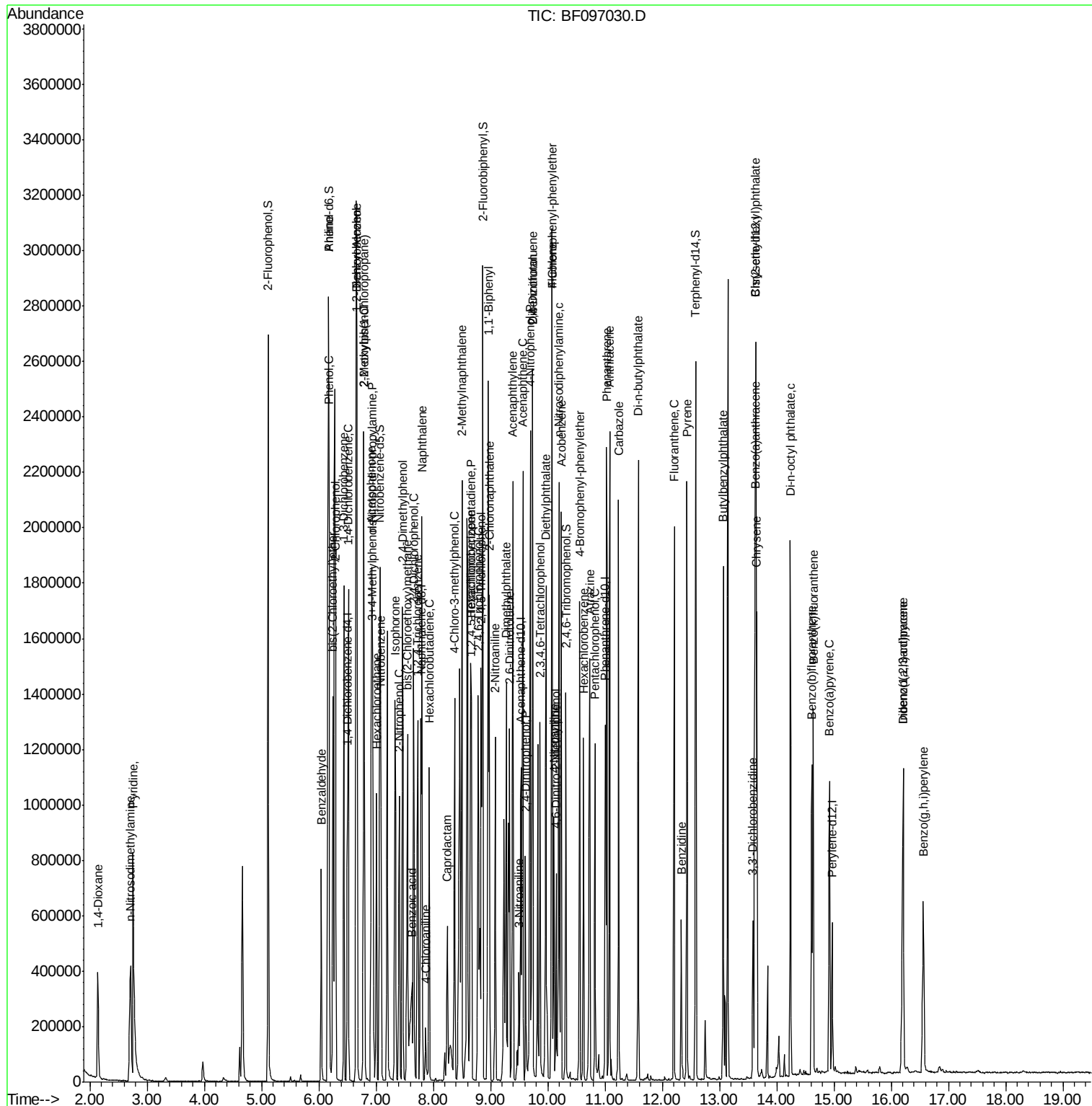
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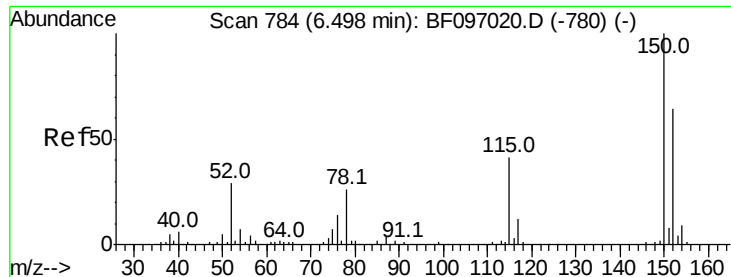
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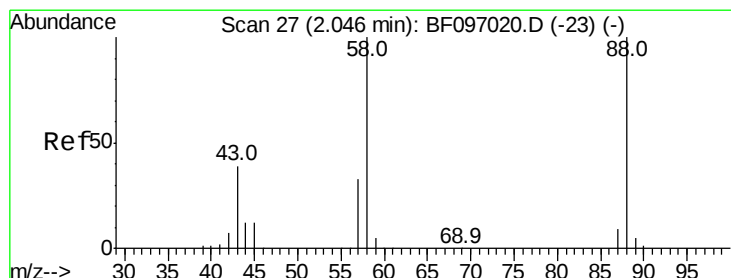
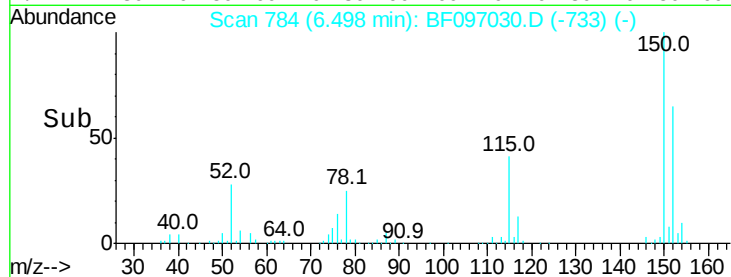
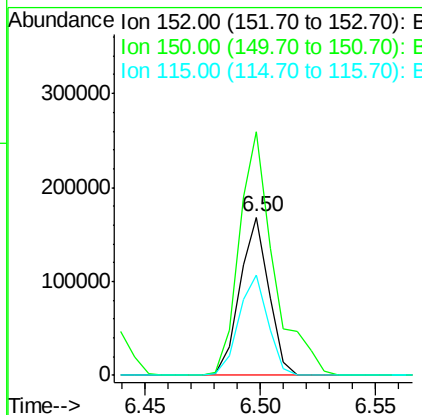
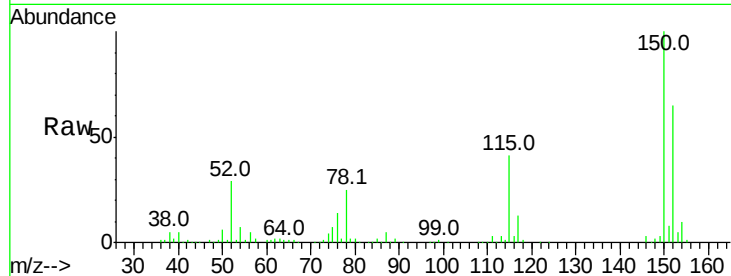
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.2
115	63.4	52.2	78.2

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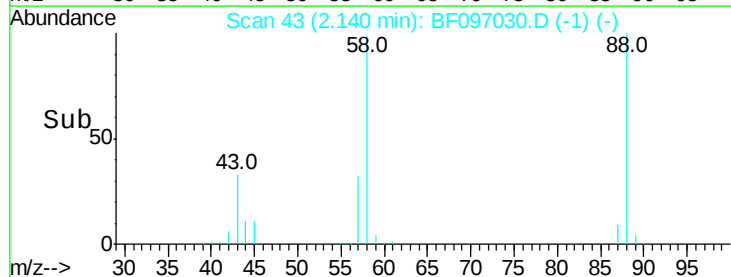
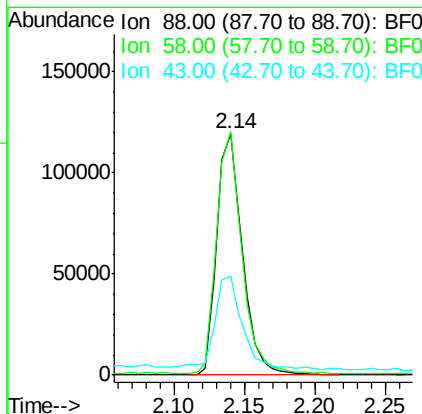
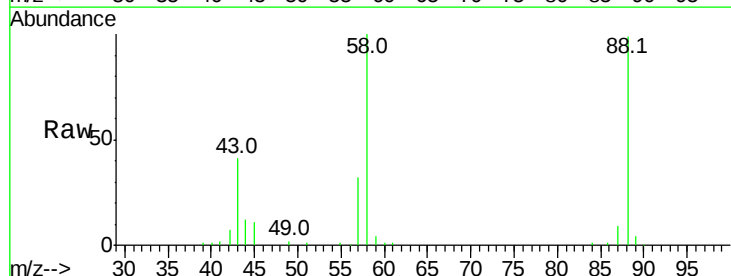
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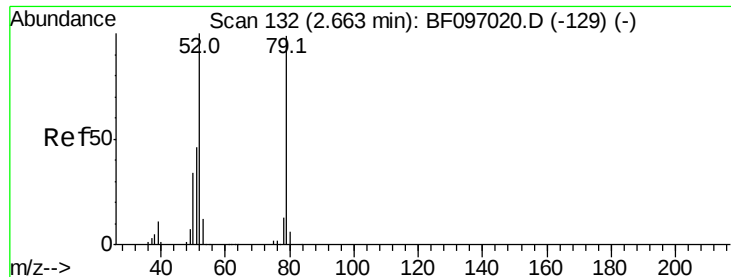


#2

1,4-Dioxane
Concen: 37.178 ng
RT: 2.14 min Scan# 43
Delta R.T. 0.09 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.7	61.4	92.0#
43	42.1	23.4	35.0#





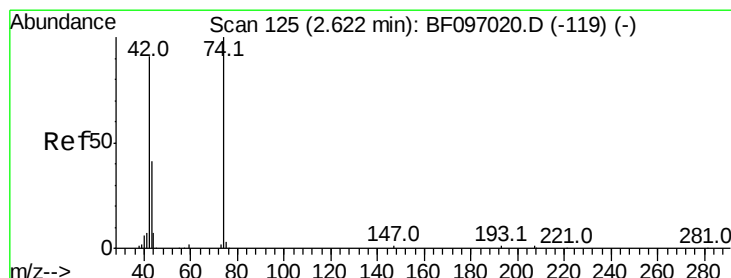
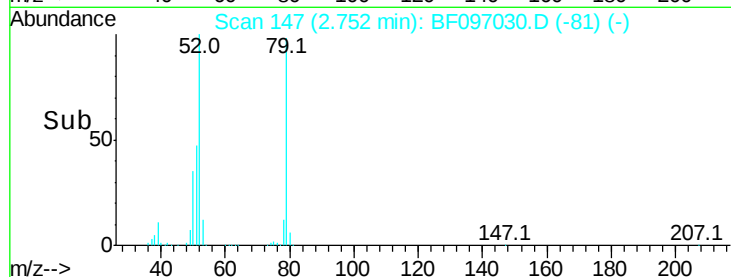
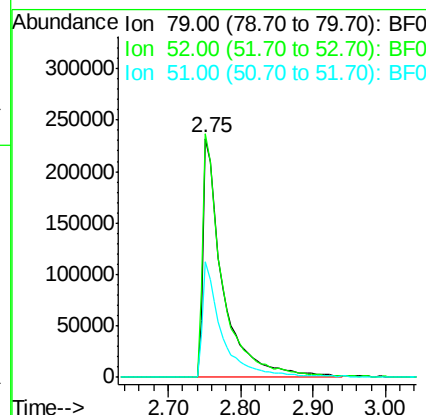
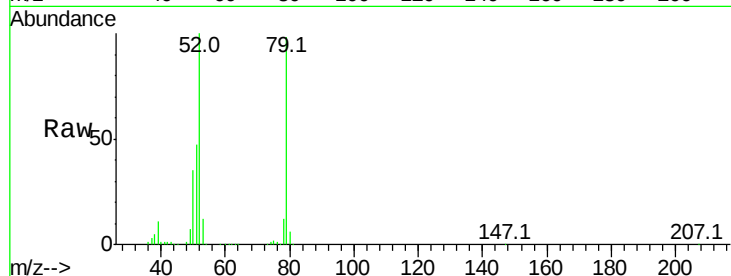
#3
 Pvridine
 Concen: 35.518 ng
 RT: 2.75 min Scan# 147
 Delta R.T. 0.09 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
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 ClientSampleId :
 PB100892BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	101.8	54.8		82.2#	
51	48.1	27.0		40.4#	

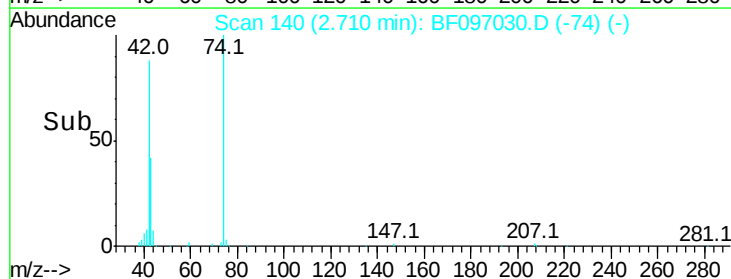
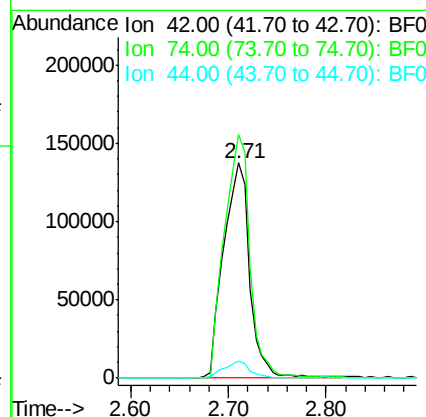
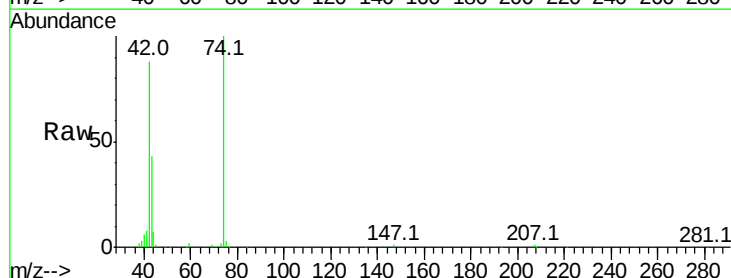
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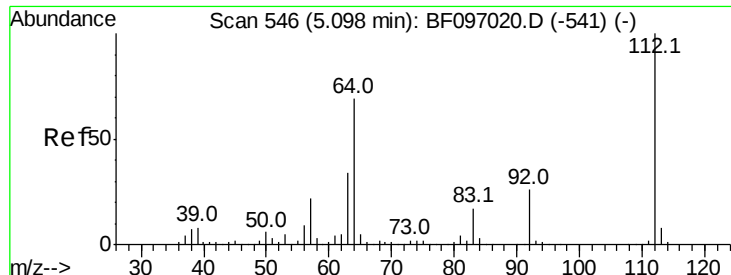
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#4
 n-Nitrosodimethylamine
 Concen: 37.196 ng
 RT: 2.71 min Scan# 140
 Delta R.T. 0.09 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	113.3	103.9		155.9	
44	8.2	5.7		8.5	





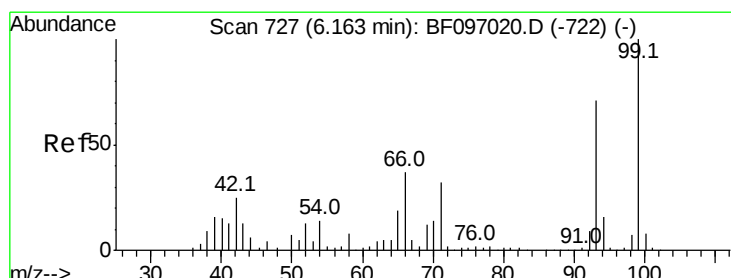
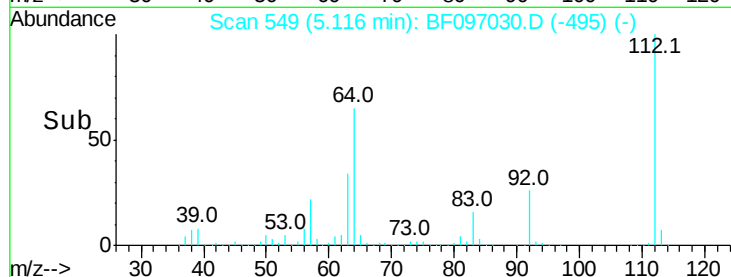
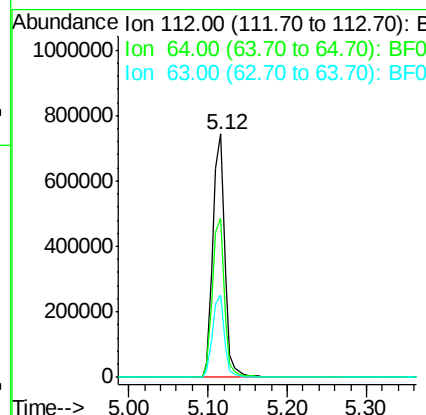
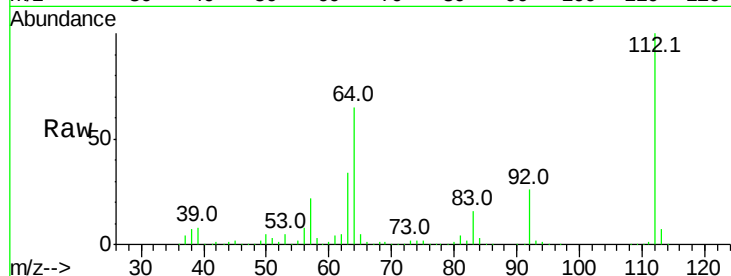
#5
2-Fluorophenol
Concen: 80.307 ng
RT: 5.12 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
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Tot Ion:	112	Resp:	781018
Ion Ratio	Lower	Upper	
112	100		
64	65.3	46.0	69.0
63	33.7	23.4	35.0

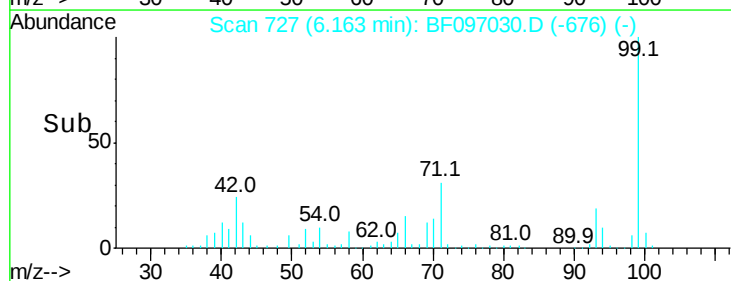
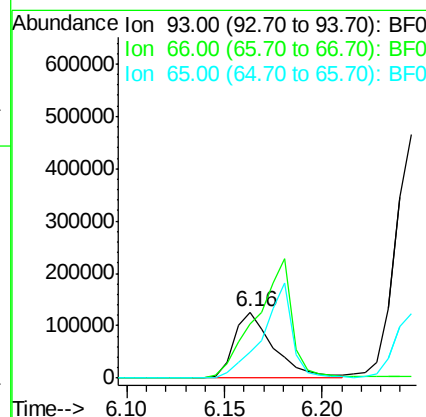
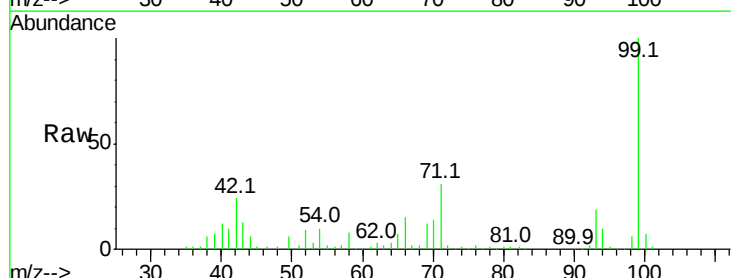
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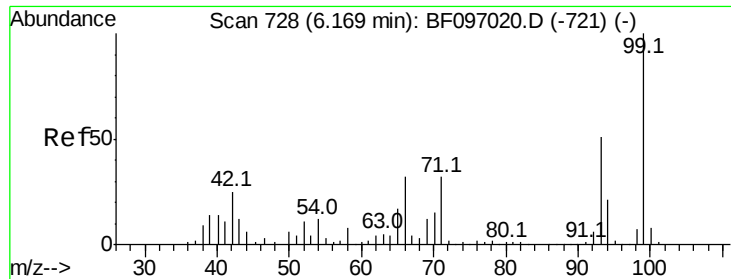
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#6
Aniline
Concen: 12.645 ng
RT: 6.16 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion:	93	Resp:	176671
Ion Ratio	Lower	Upper	
93	100		
66	81.2	32.9	49.3#
65	39.5	16.0	24.0#





#7

Phenol-d6

Concen: 84.486 ng

RT: 6.17 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

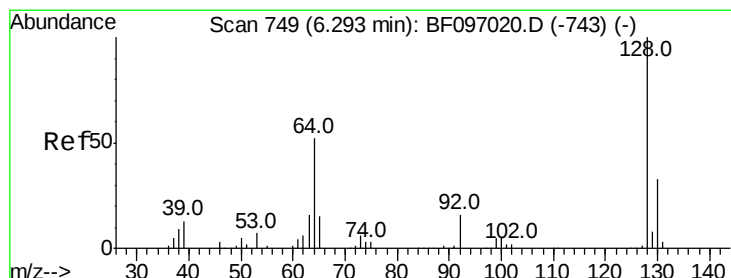
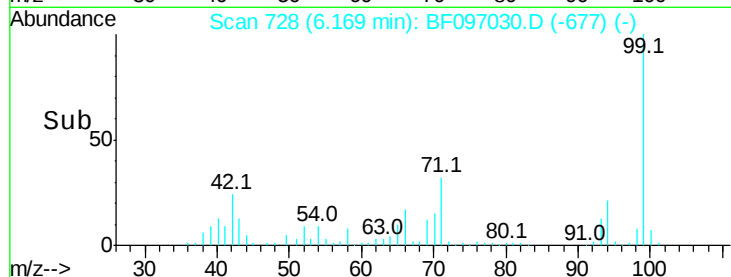
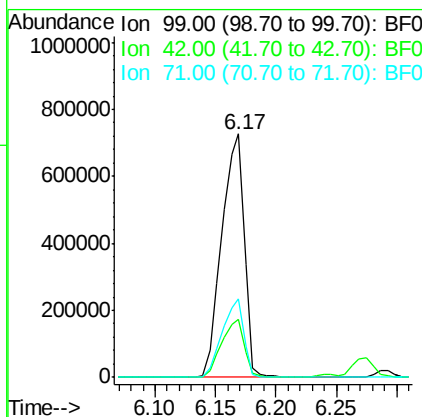
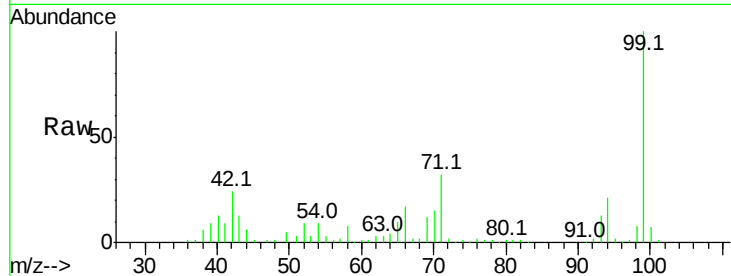
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		938024		
42	23.7	13.5	20.3#		
71	32.4	24.5	36.7		

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#8

2-Chlorophenol

Concen: 40.723 ng

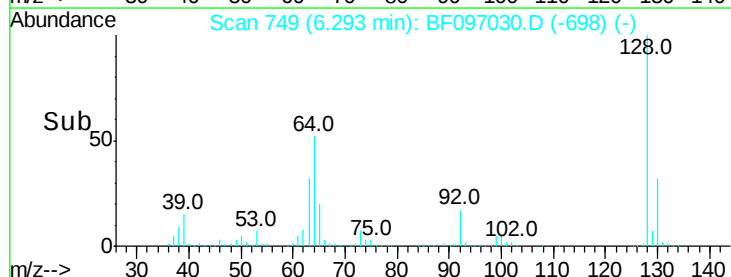
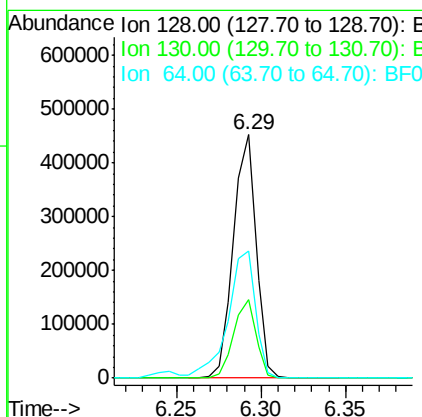
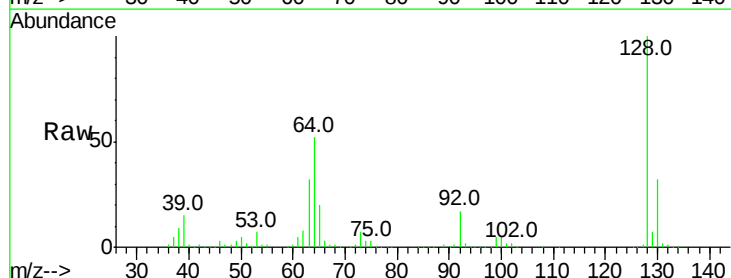
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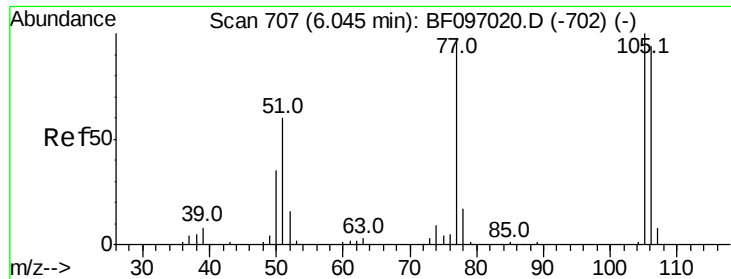
Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		423487		
130	32.5	12.9	52.9		
64	52.1	28.4	68.4		





#9

Benzaldehyde

Concen: 21.556 ng

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF097030.D

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BNA_F

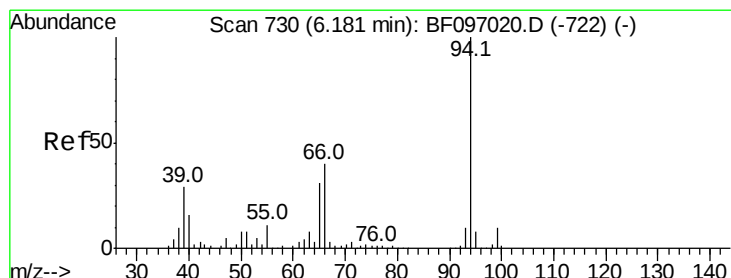
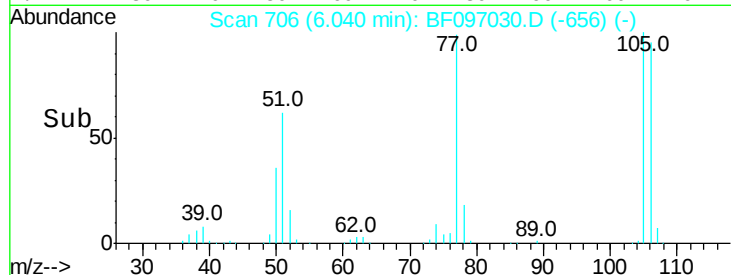
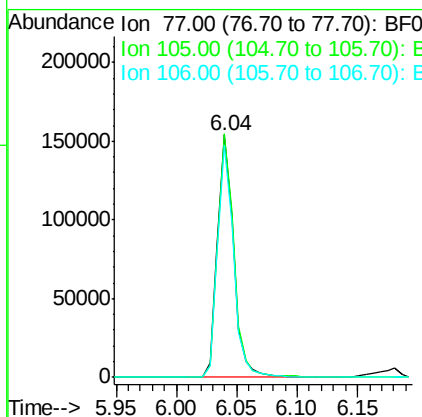
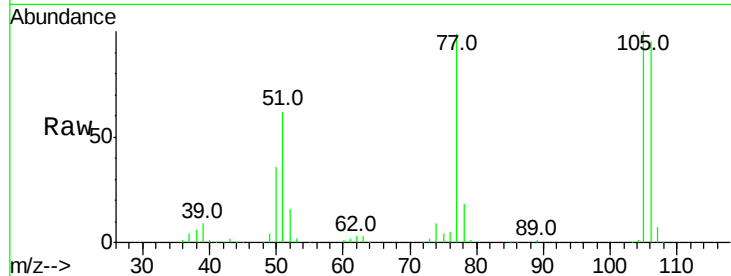
ClientSampleId :

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Tot Ion:	77	Resp:	141662
Ion	Ratio	Lower	Upper
77	100		
105	100.5	83.8	123.8
106	95.6	79.1	119.1

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#10

Phenol

Concen: 39.203 ng

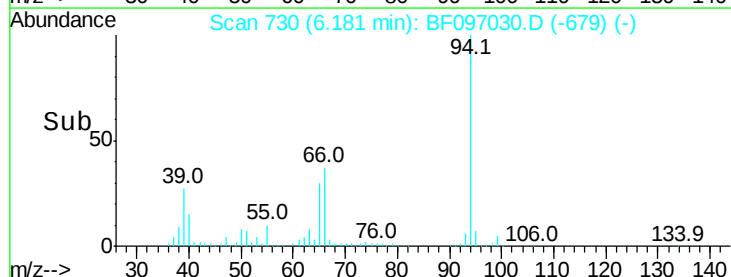
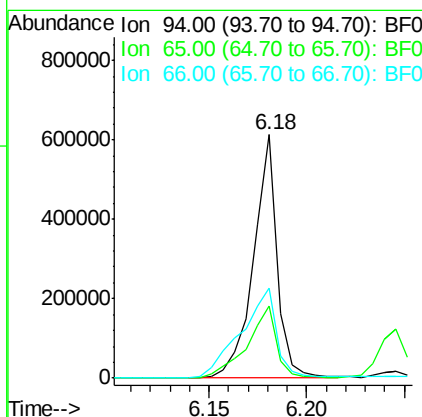
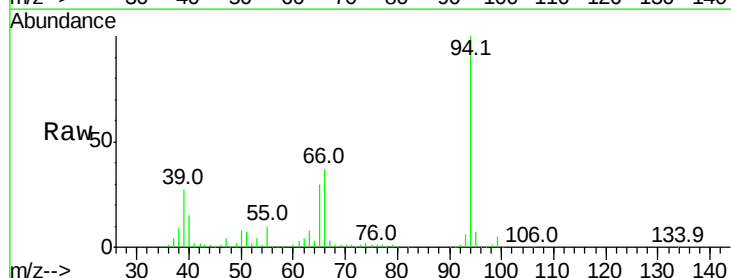
RT: 6.18 min Scan# 730

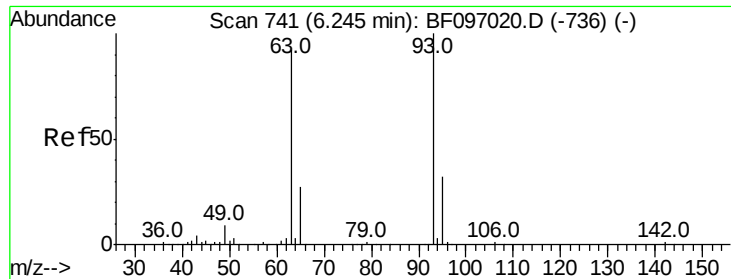
Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Tgt Ion:	94	Resp:	516278
Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.9	49.9
66	37.1	23.1	63.1





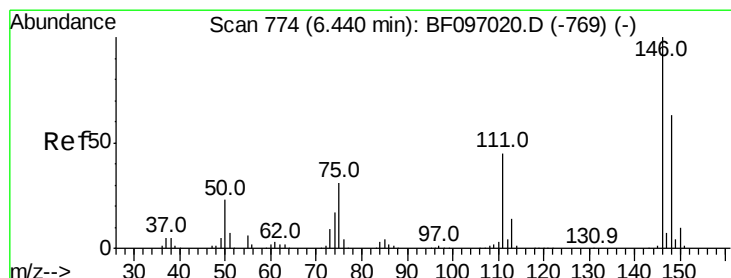
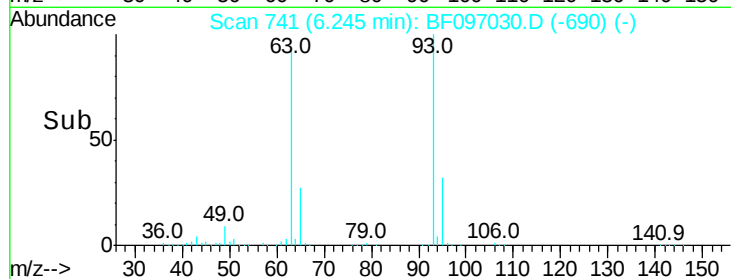
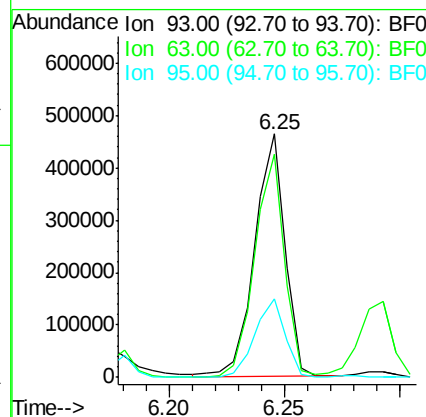
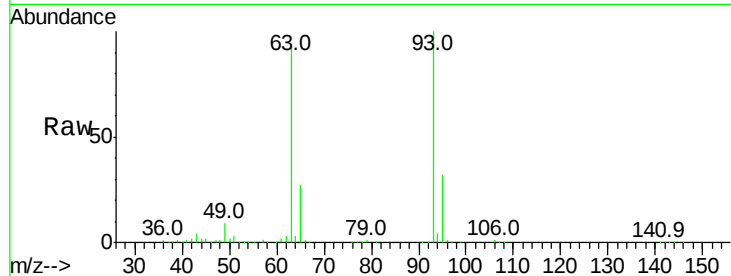
#11
bis(2-Chloroethyl)ether
Concen: 40.903 ng
RT: 6.25 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	91.7	59.2	99.2	
95	32.0	12.8	52.8	

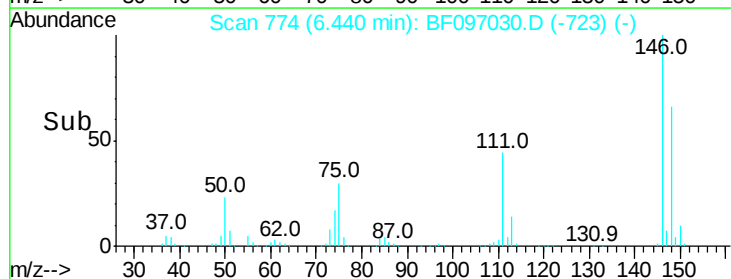
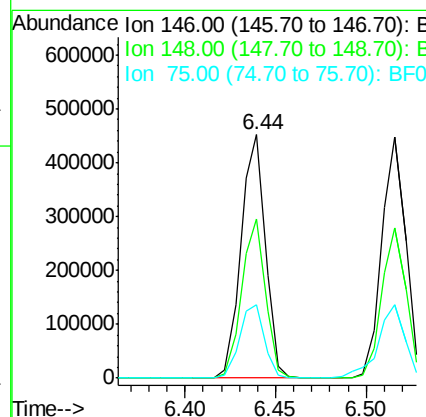
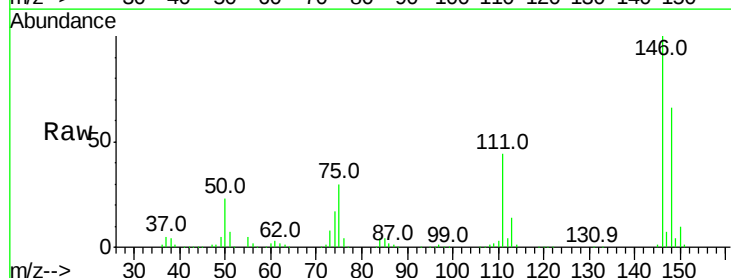
Manual Integrations
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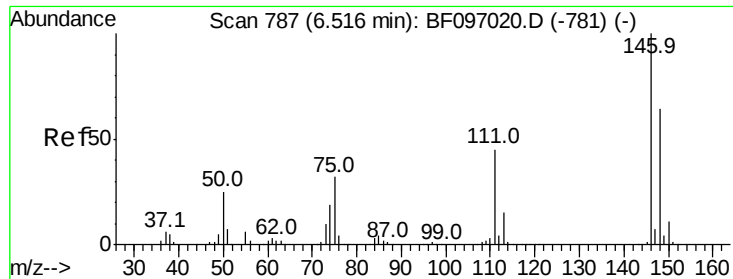
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.608 ng
RT: 6.44 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.5	51.8	77.6	
75	29.9	23.1	34.7	





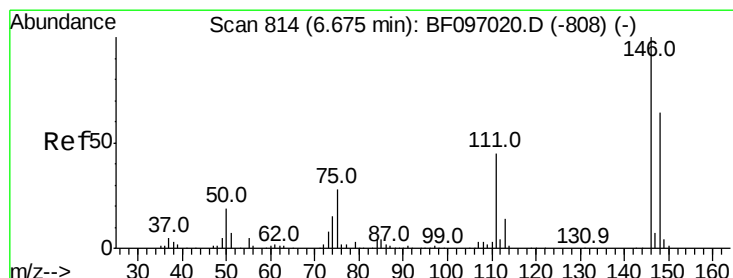
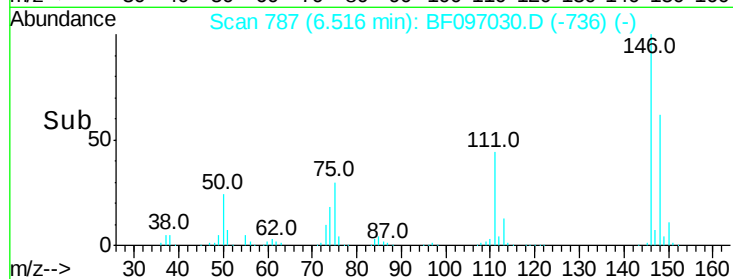
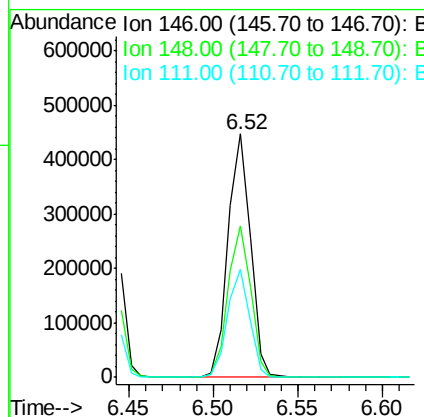
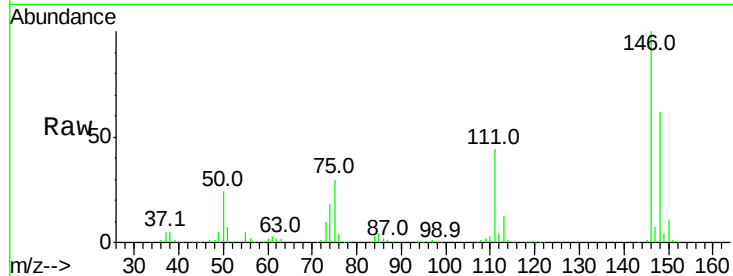
#13
 1,4-Dichlorobenzene
 Concen: 37.160 ng
 RT: 6.52 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.2	78.2
111	44.2	30.3	45.5

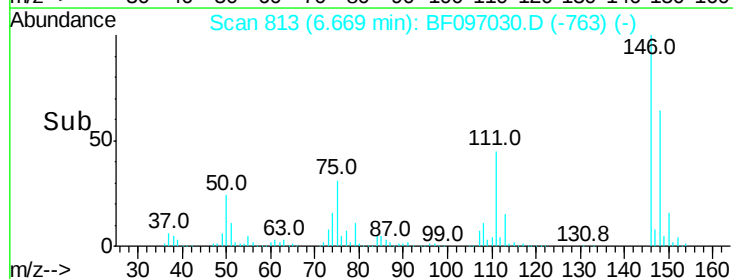
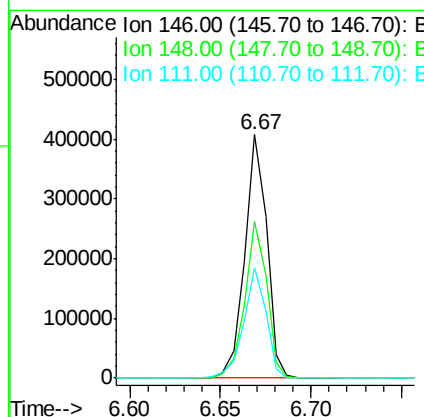
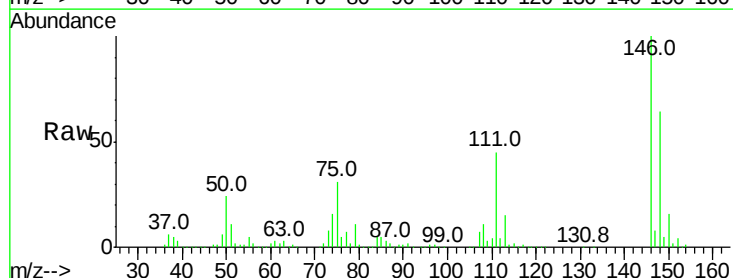
Manual Integrations
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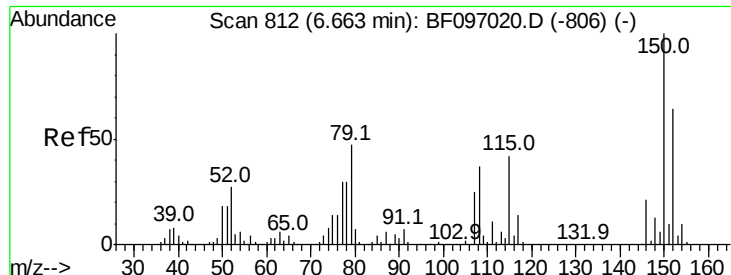
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 35.451 ng
 RT: 6.67 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	45.4	38.2	57.4





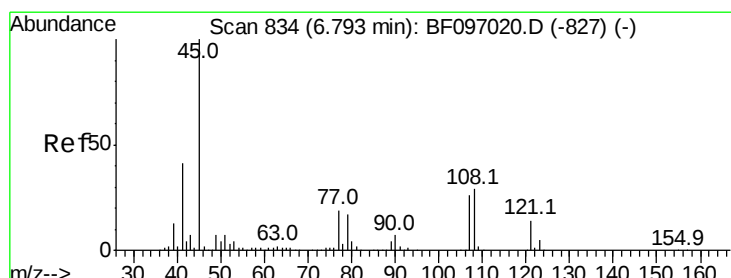
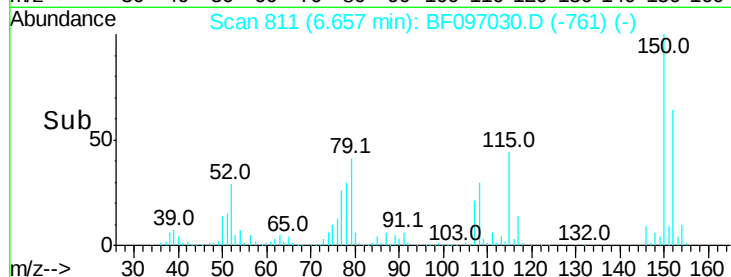
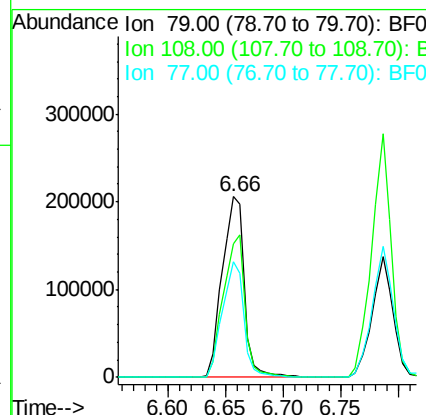
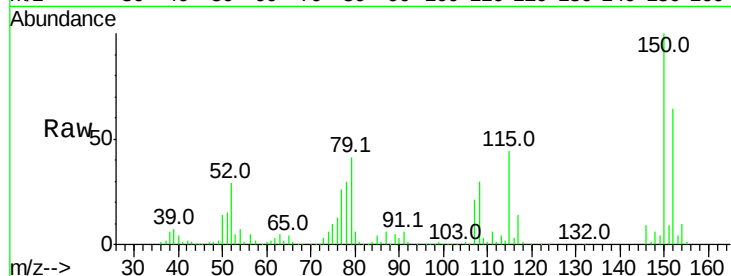
#15
Benzyl Alcohol
Concen: 38.975 ng
RT: 6.66 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.0	63.4	95.0
77	64.2	49.2	73.8

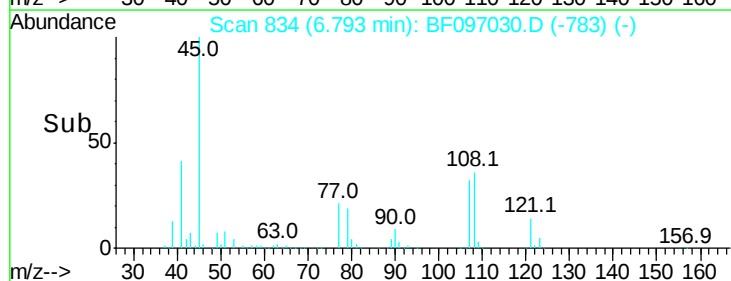
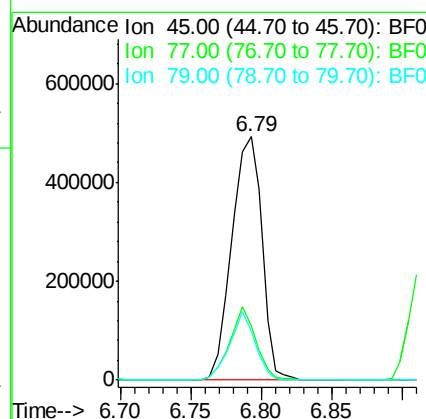
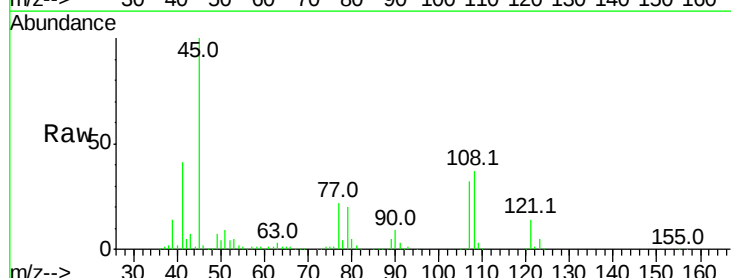
Manual Integrations
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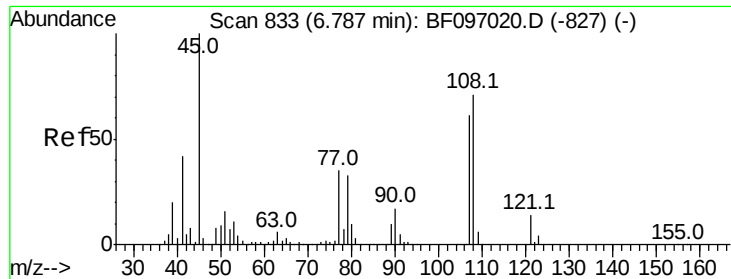
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.001 ng
RT: 6.79 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.4	0.0	33.2
79	20.2	0.0	30.0





#17

2-Methylphenol

Concen: 35.772 ng

RT: 6.79 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

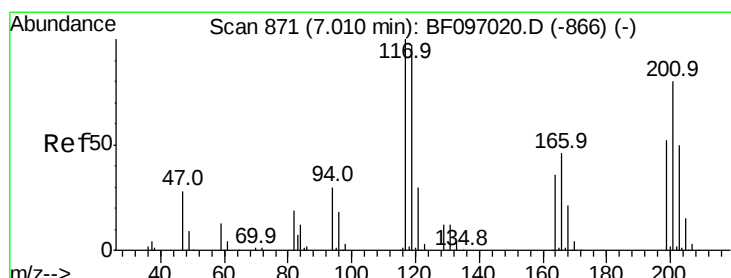
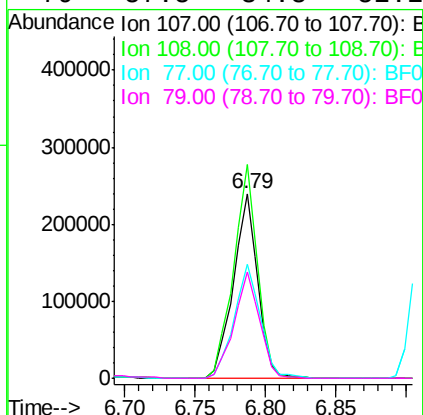
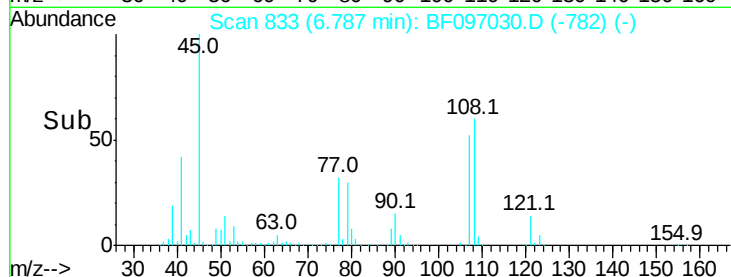
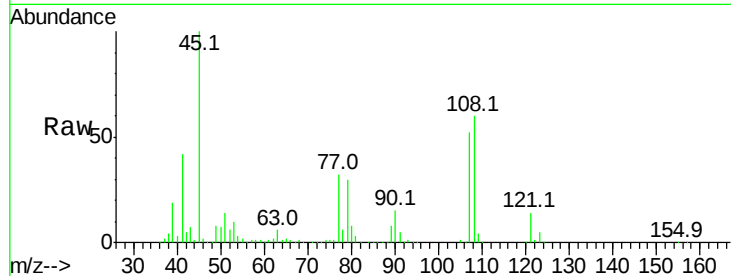
ClientSampled :

PB100892BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.4	140.0
77	61.9	35.8	53.6#
79	57.5	34.8	52.2#

Manual Integrations
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#18

Hexachloroethane

Concen: 35.914 ng

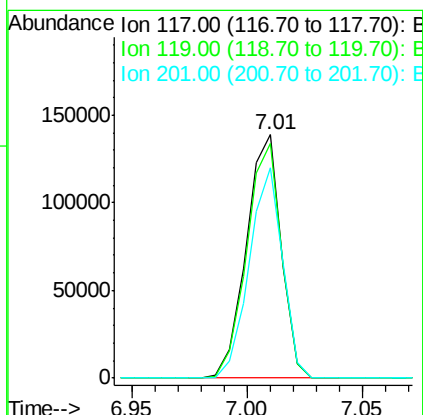
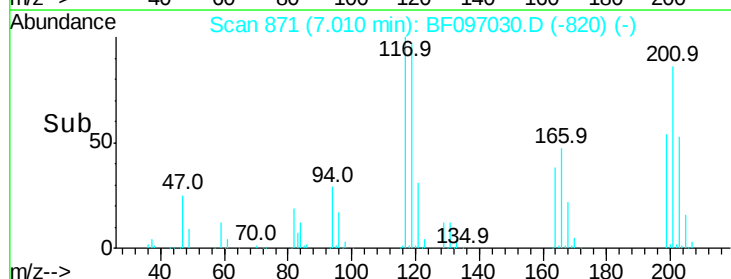
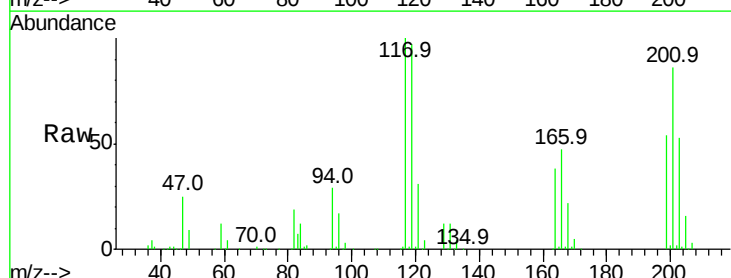
RT: 7.01 min Scan# 871

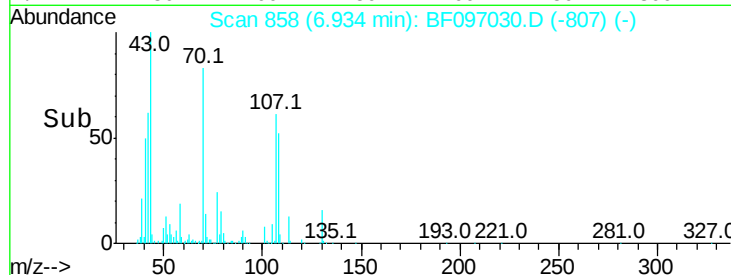
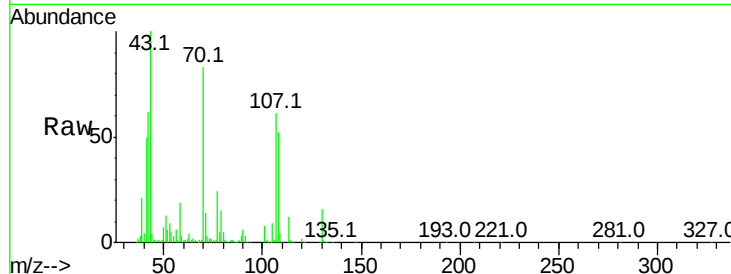
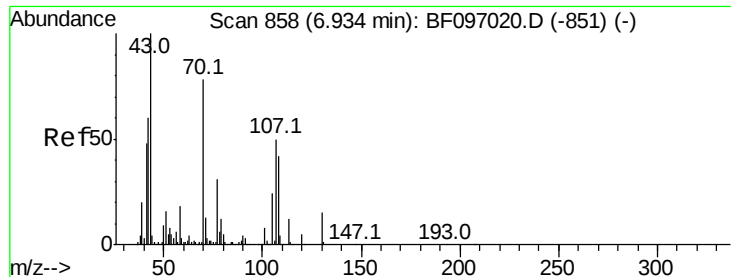
Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
201	86.3	94.6	141.8#





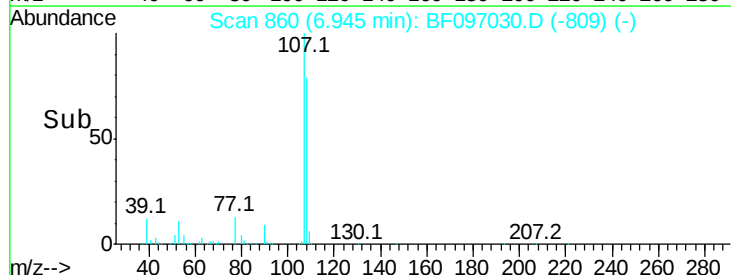
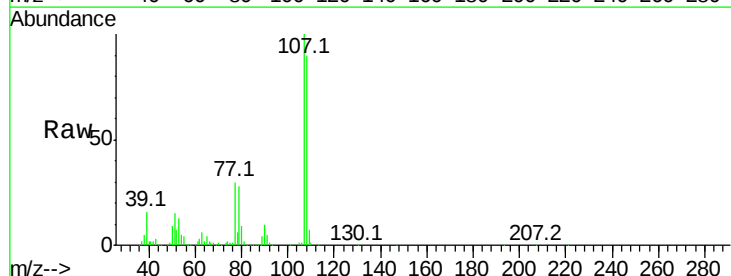
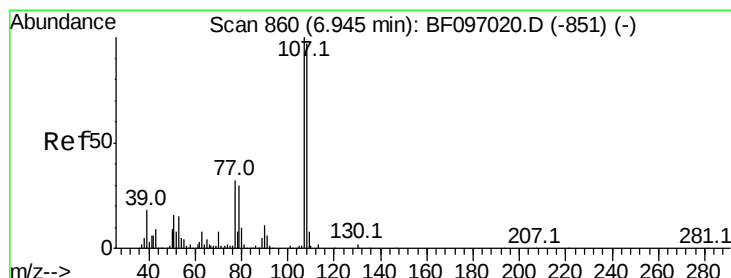
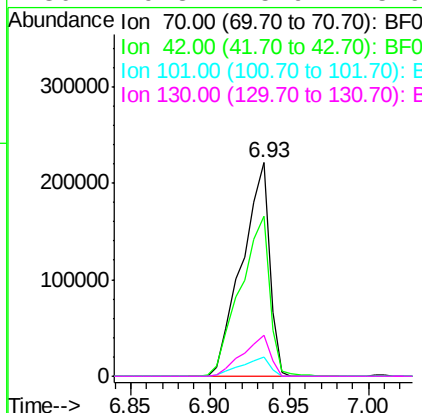
#19
n-Nitroso-di-n-propylamine
Concen: 36.542 ng
RT: 6.93 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	74.9	47.2	70.8#
101	9.1	7.2	10.8
130	19.3	15.9	23.9

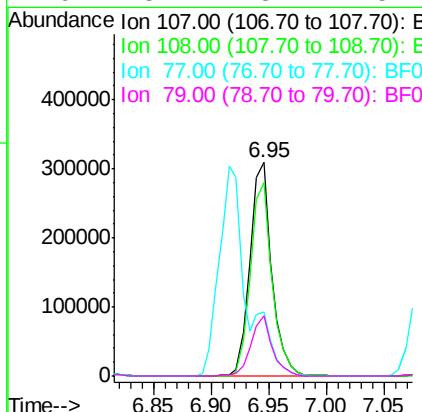
Manual Integrations
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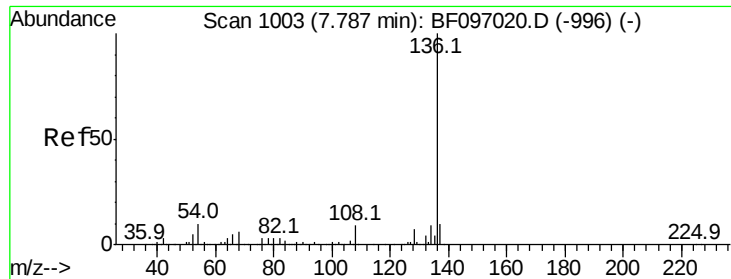
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#20
3+4-Methylphenols
Concen: 38.820 ng
RT: 6.95 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.0	111.0
77	30.0	90.5	130.5#
79	28.1	8.4	48.4





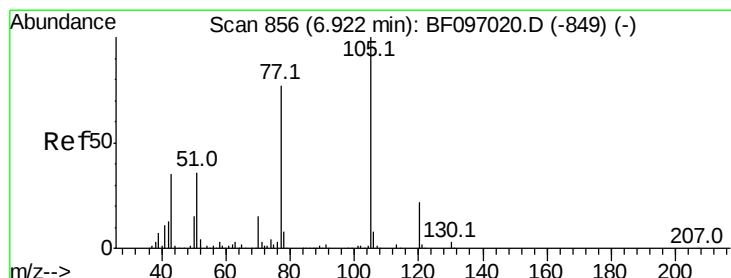
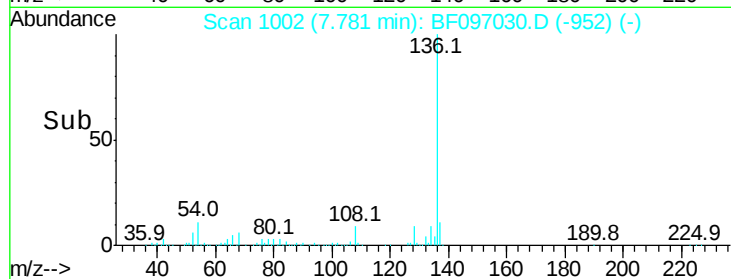
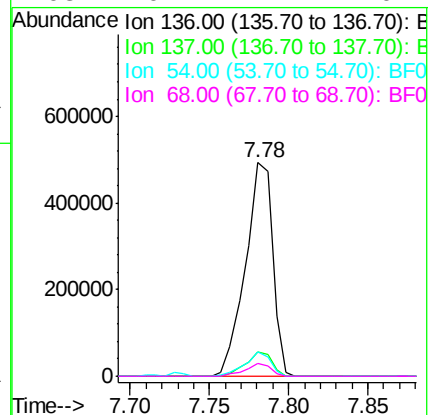
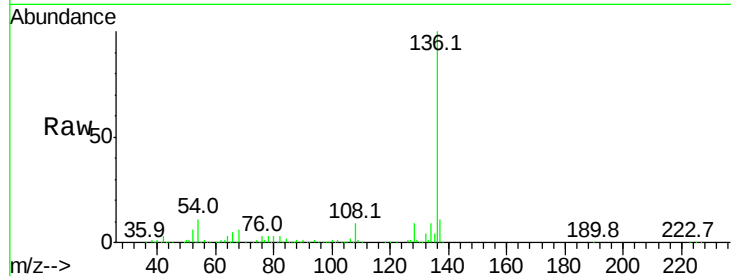
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	11.3	4.9	7.3#	
68	6.1	4.1	6.1	

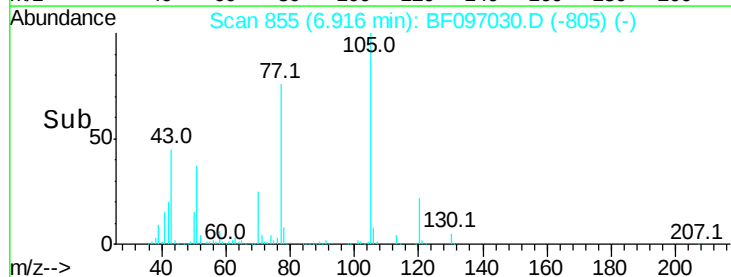
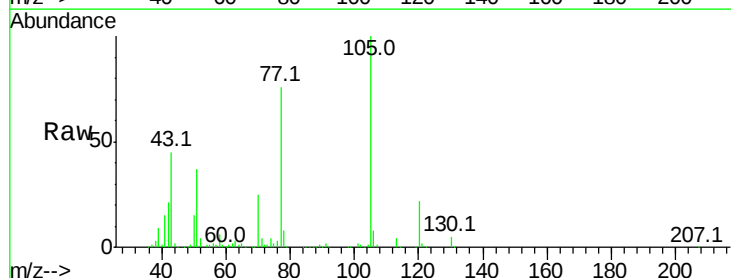
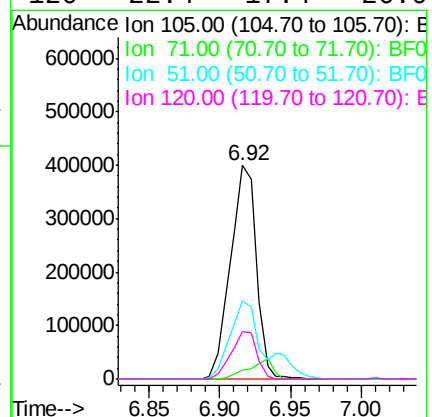
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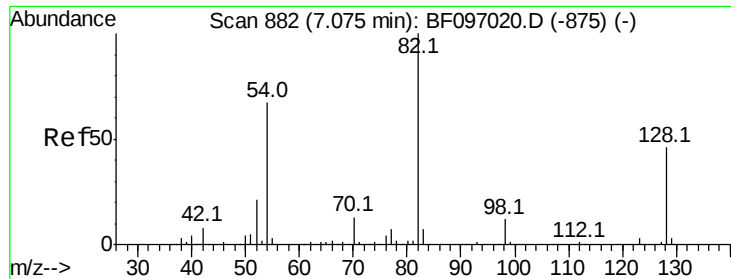
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#22
Acetophenone
Concen: 35.976 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.2	2.8	4.2	
51	36.7	30.7	46.1	
120	22.4	17.4	26.0	





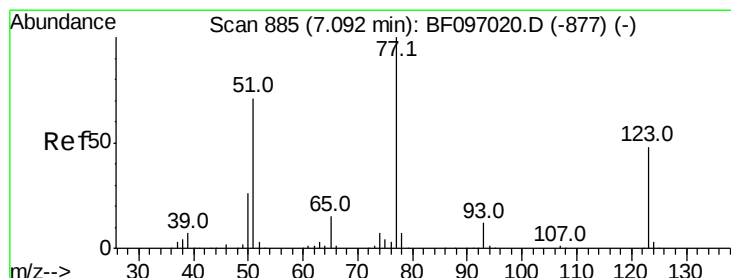
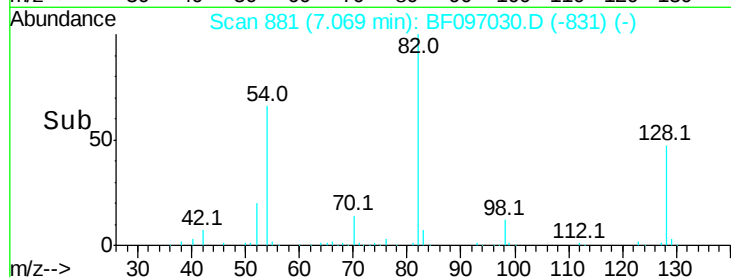
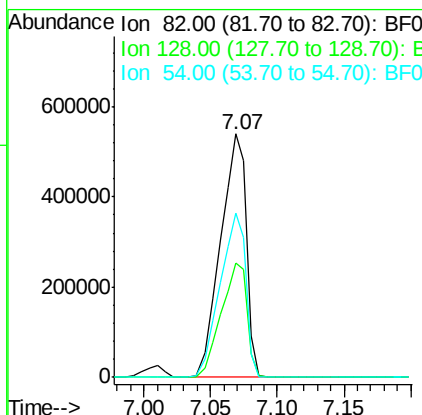
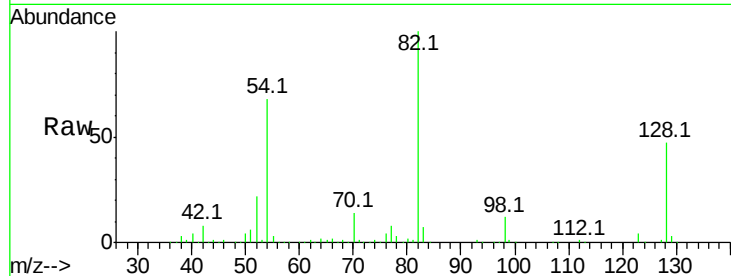
#23
Nitrobenzene-d5
Concen: 72.880 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	67.5	42.2	63.2

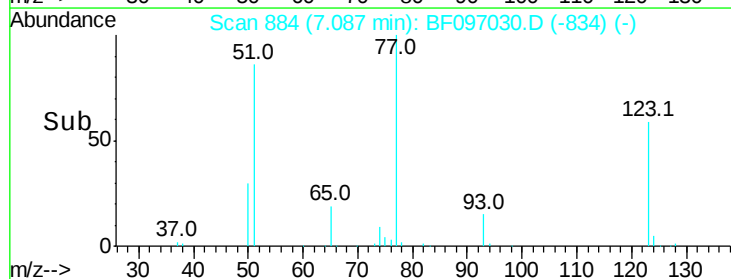
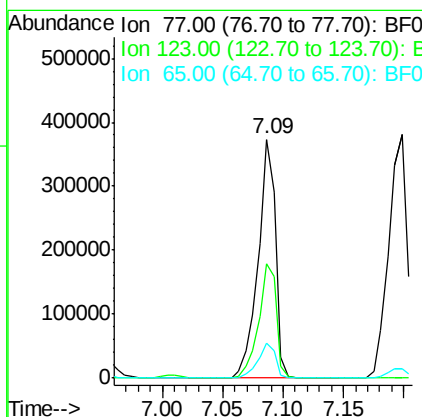
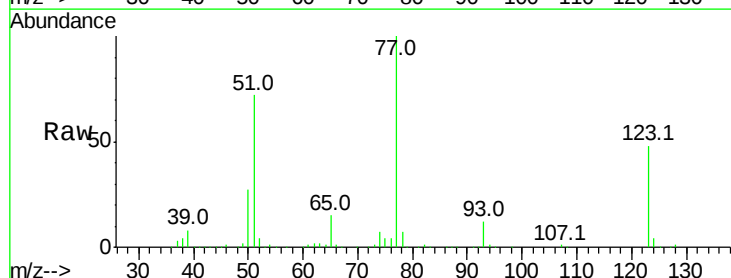
Manual Integrations
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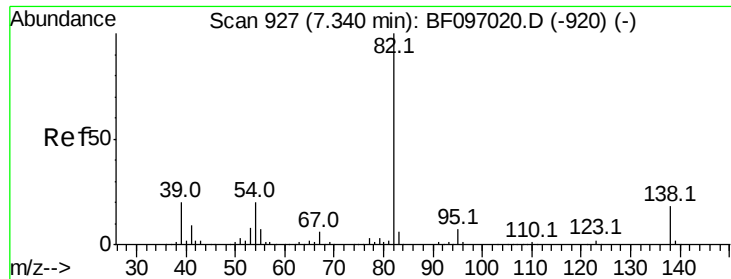
Sohil
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#24
Nitrobenzene
Concen: 36.003 ng
RT: 7.09 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	35.8	53.8
65	14.9	10.6	15.8





#25

Isophorone

Concen: 35.876 ng

RT: 7.33 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

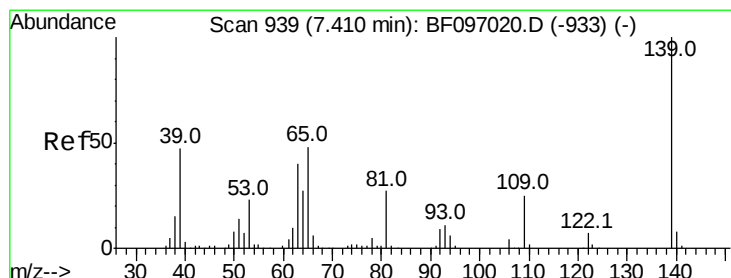
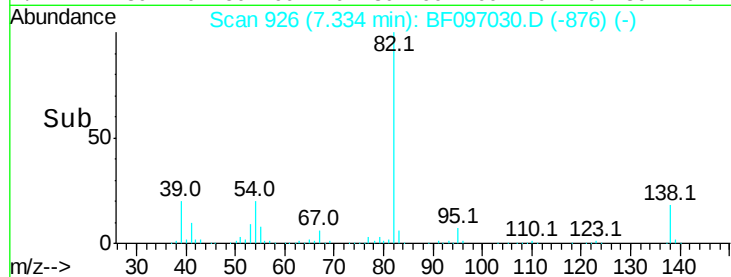
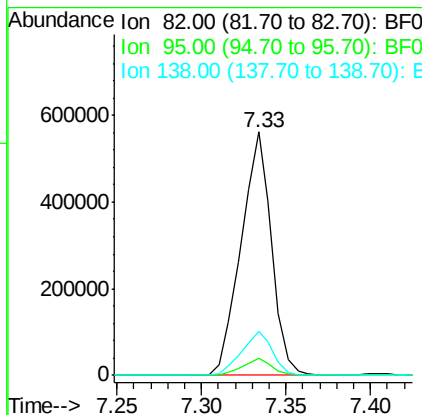
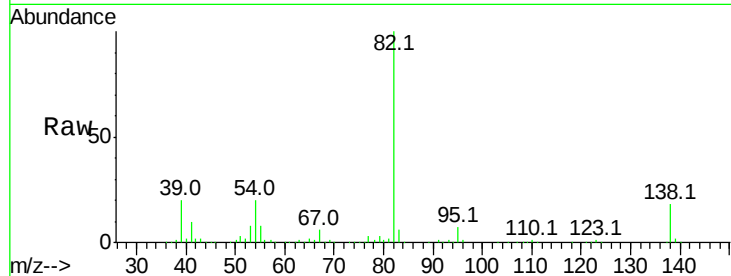
ClientSampleId :

PB100892BS

Tot Ion:	82	Resp:	706420
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	18.1	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.045 ng

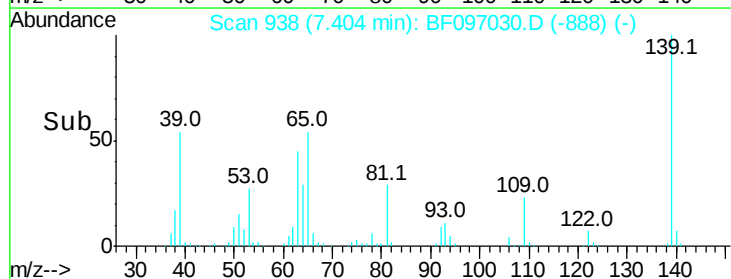
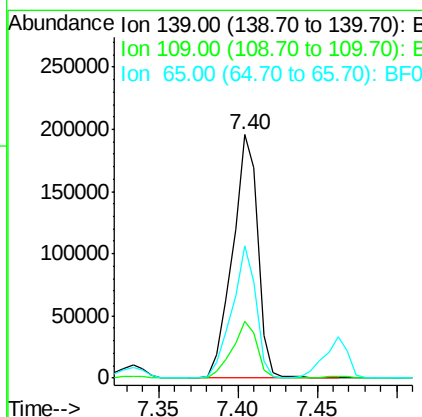
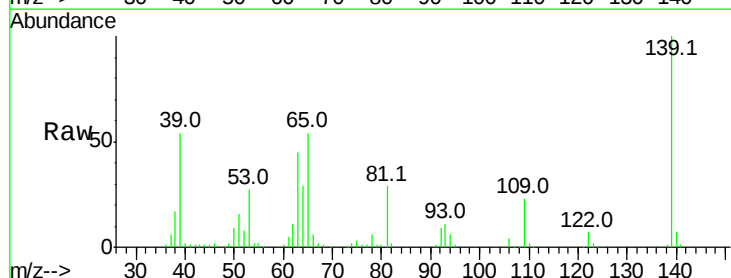
RT: 7.40 min Scan# 938

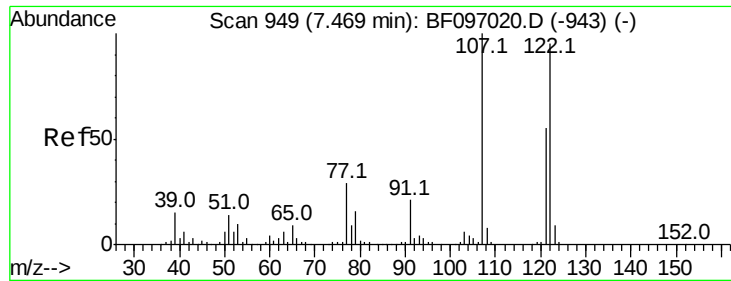
Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Tgt Ion:	139	Resp:	215541
Ion Ratio	Lower	Upper	
139	100		
109	23.5	21.0	31.6
65	54.5	33.0	49.6





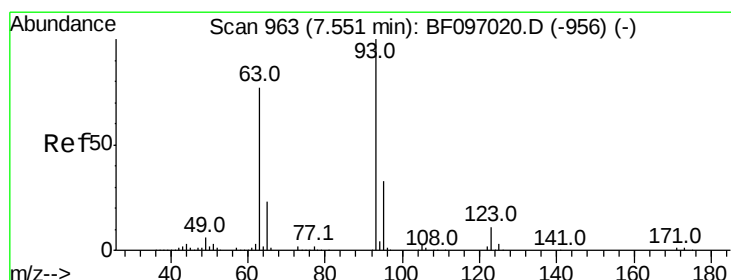
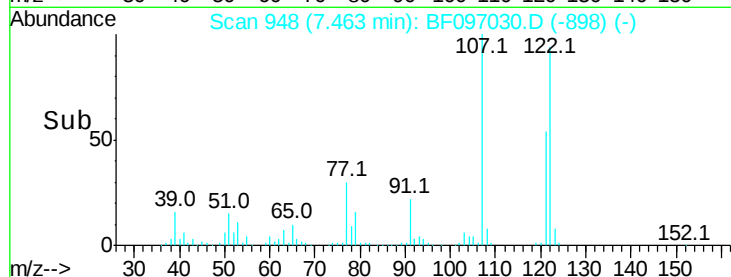
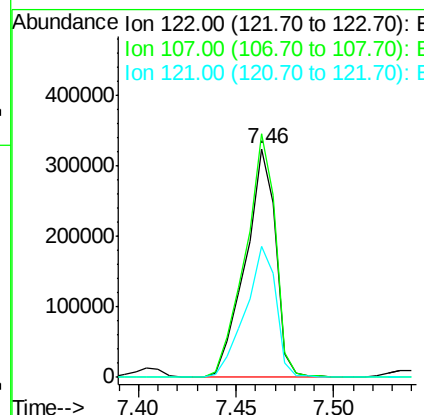
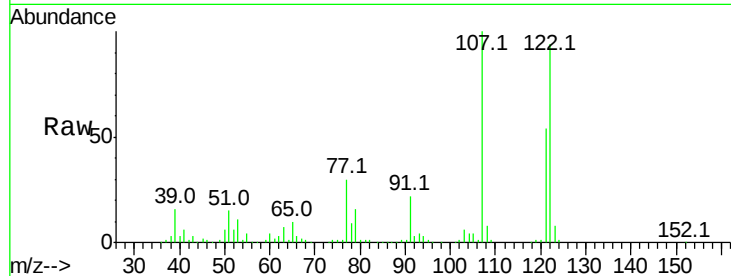
#27
2,4-Dimethylphenol
Concen: 37.378 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.4	89.2	133.8
121	57.3	45.2	67.8

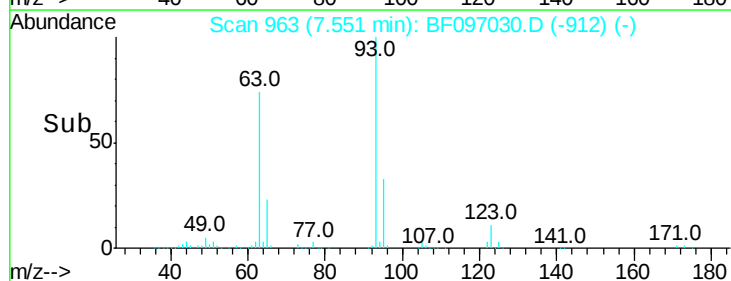
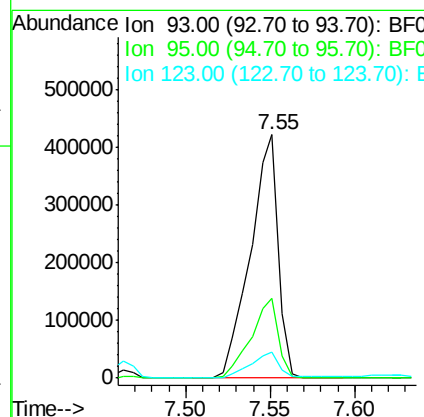
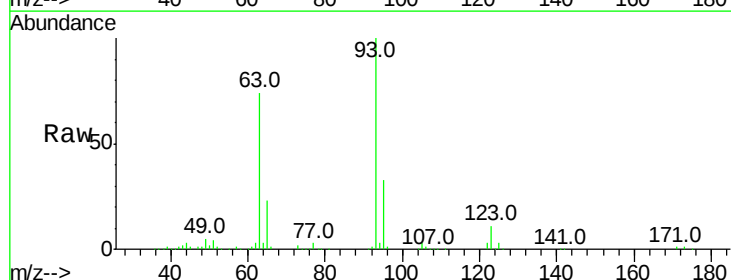
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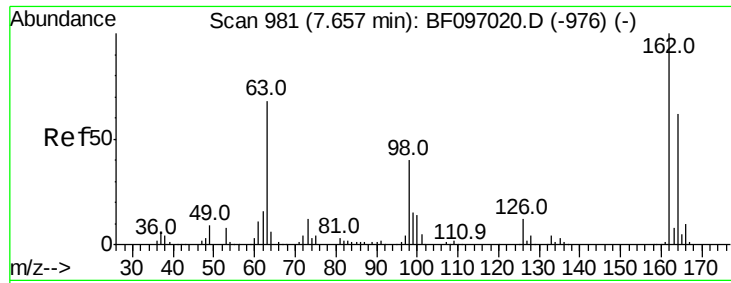
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 37.806 ng
RT: 7.55 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	10.6	9.0	13.4





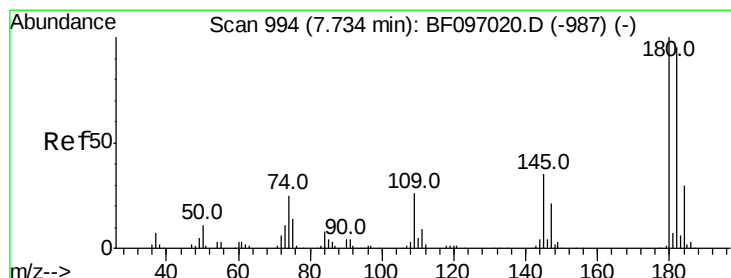
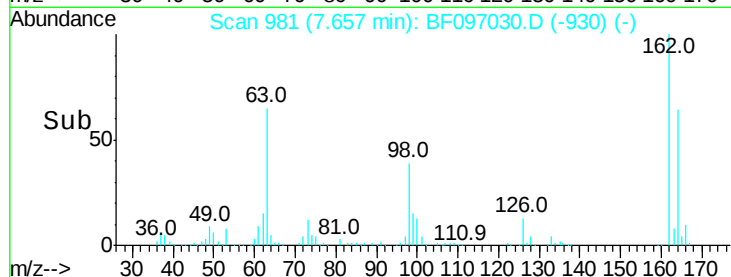
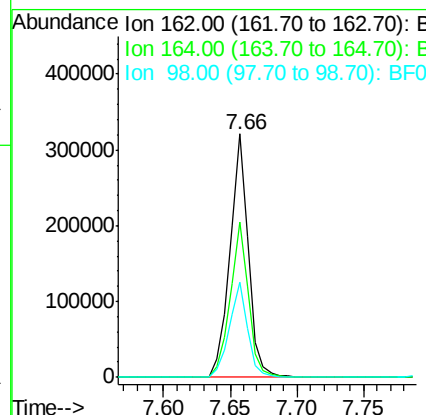
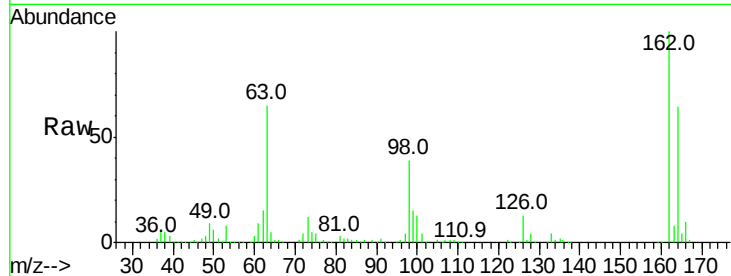
#29
 2,4-Dichlorophenol
 Concen: 39.007 ng
 RT: 7.66 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	44.6	84.6
98	38.9	14.8	54.8

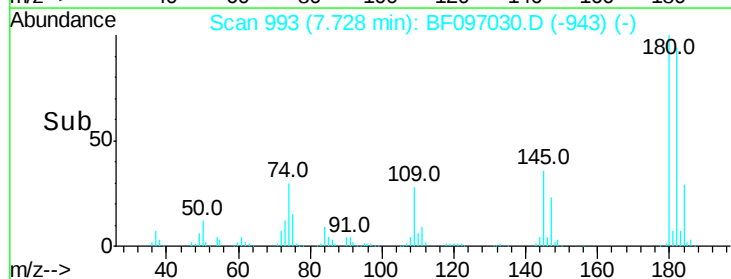
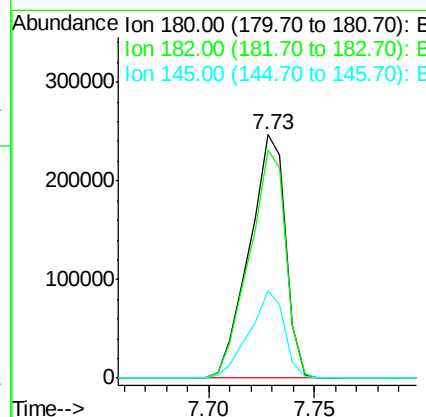
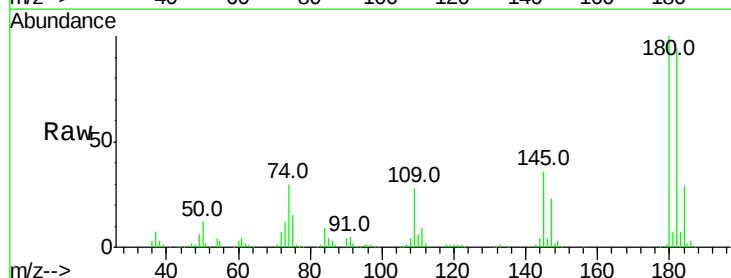
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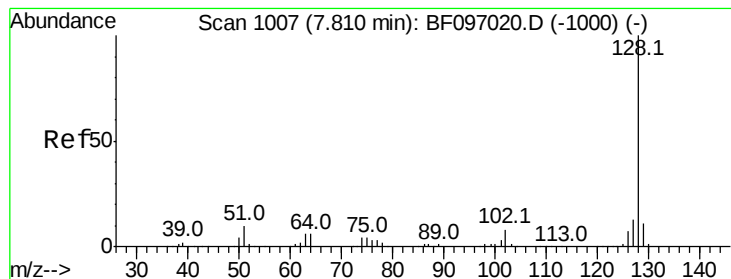
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.393 ng
 RT: 7.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.6	75.8	113.6
145	35.8	25.3	37.9





#31

Naphthalene

Concen: 38.477 ng

RT: 7.80 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

Tot Ion:128 Resp: 1069852

Ion Ratio Lower Upper

128 100

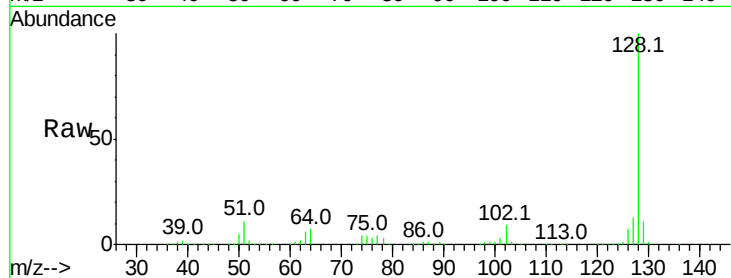
129 11.2 9.0 13.6

127 13.4 10.8 16.2

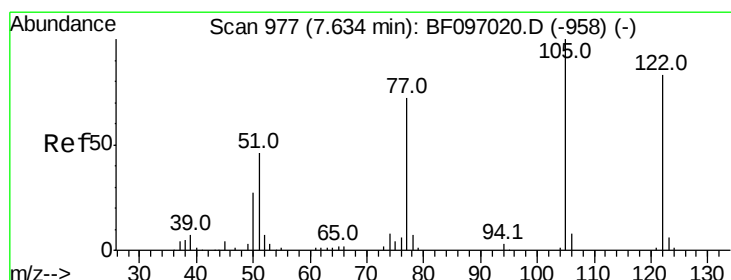
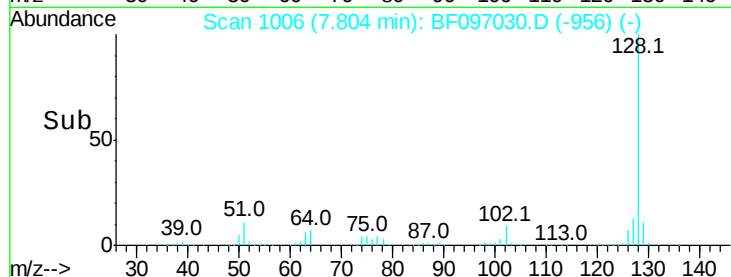
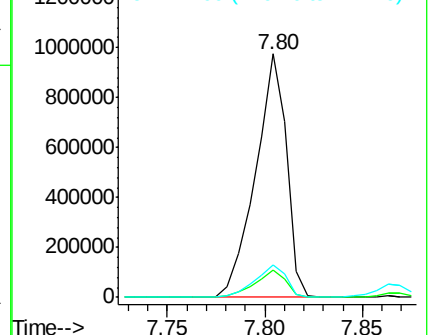
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.875 ng

RT: 7.63 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

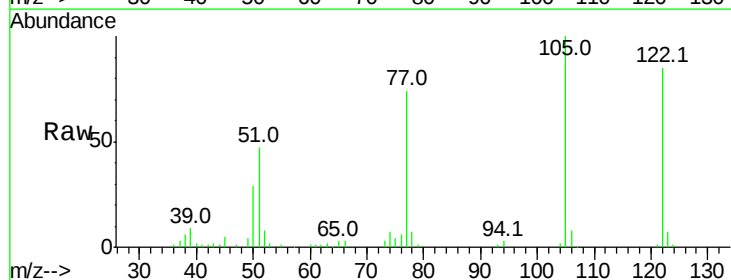
Tgt Ion:122 Resp: 222441

Ion Ratio Lower Upper

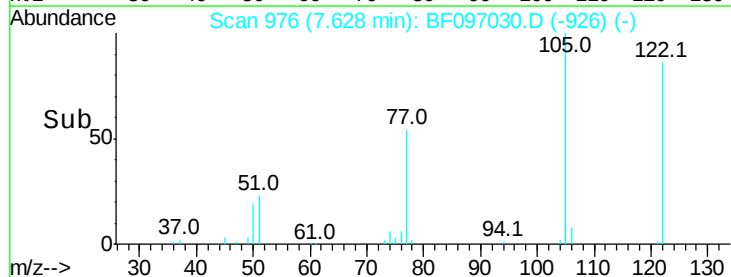
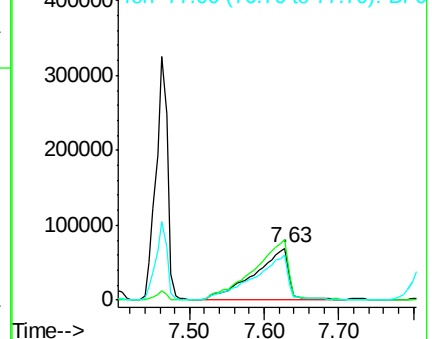
122 100

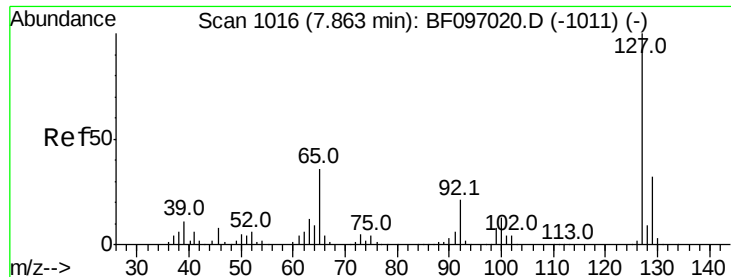
105 117.6 103.3 143.3

77 86.9 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





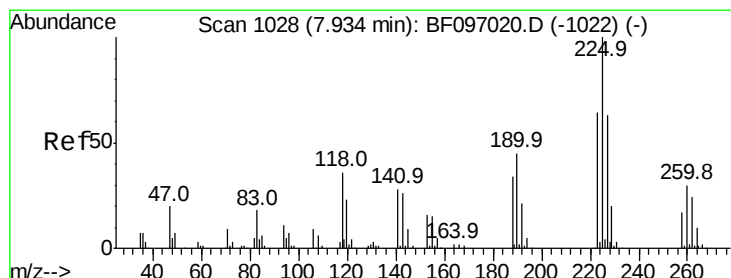
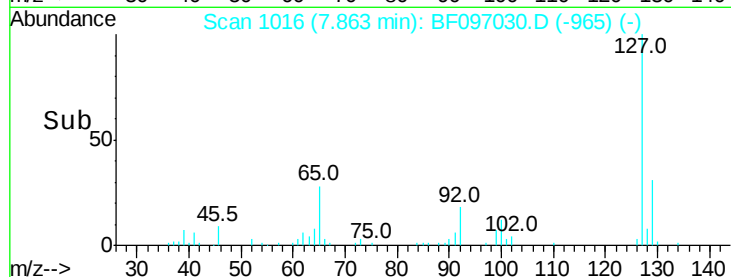
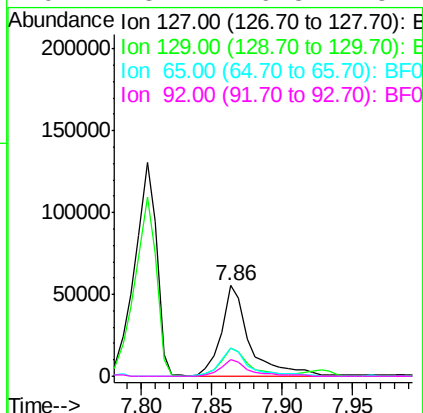
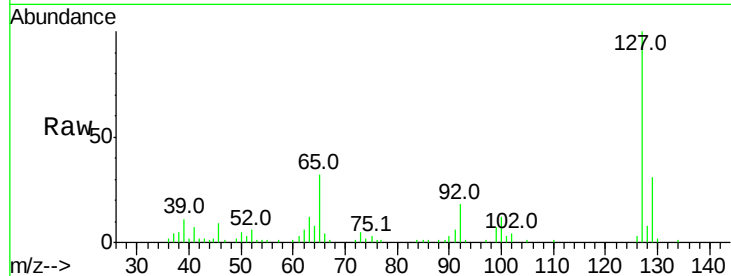
#33
 4-Chloroaniline
 Concen: 6.745 ng
 RT: 7.86 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampled :
 PB100892BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.2
65	31.7	27.8	41.8
92	18.2	16.8	25.2

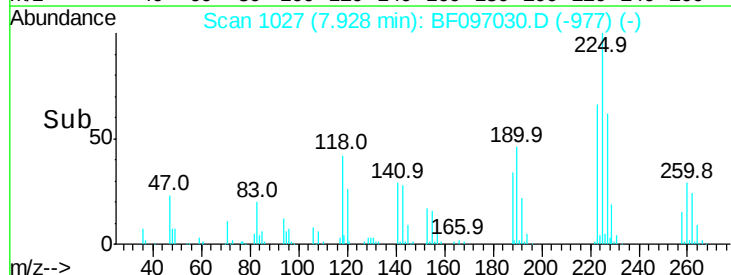
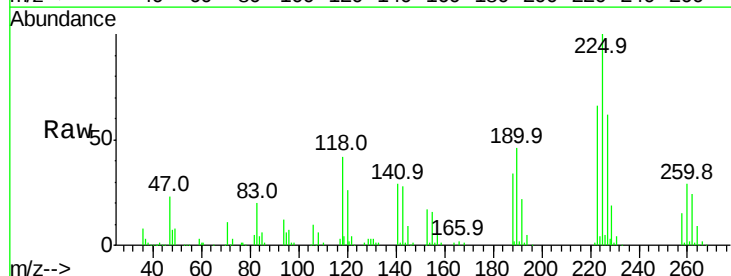
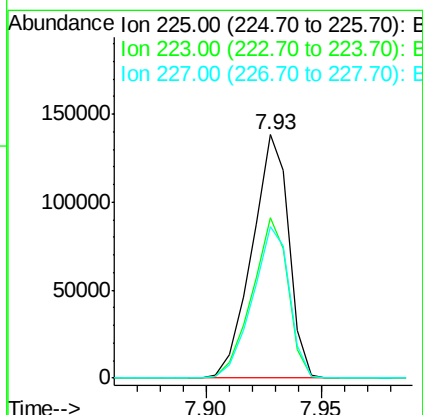
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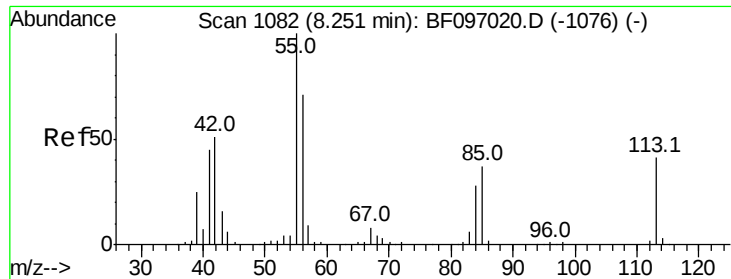
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#34
 Hexachlorobutadiene
 Concen: 37.624 ng
 RT: 7.93 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	48.8	73.2
227	62.3	51.1	76.7





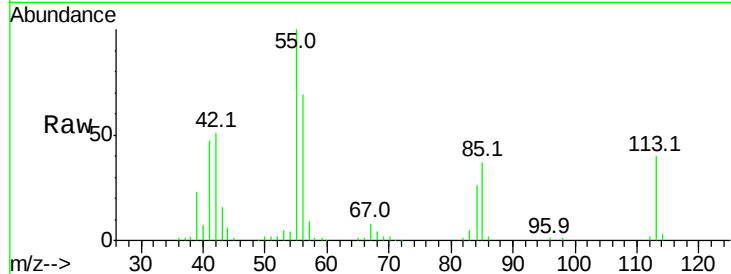
#35
 Caprolactam
 Concen: 40.564 ng/ml
 RT: 8.25 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleID :
 PB100892BS

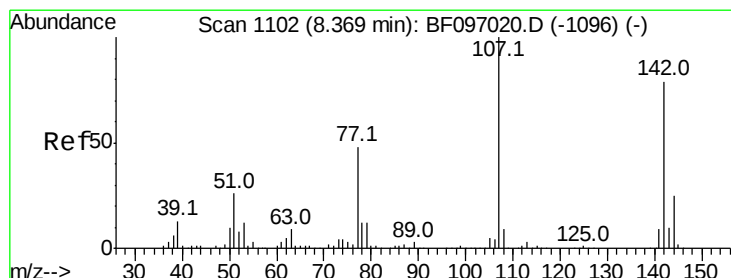
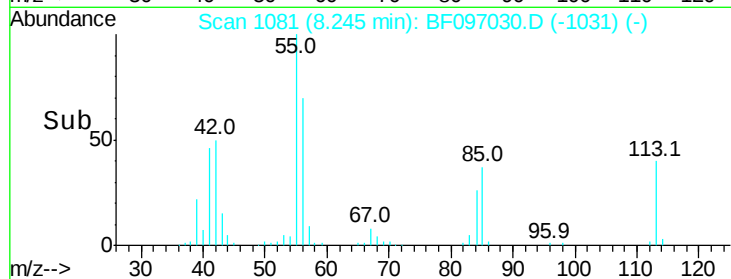
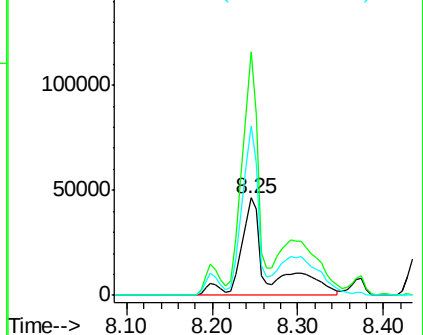
Tot Ion:113 Resp: 104722
 Ion Ratio Lower Upper
 113 100
 55 250.3 150.2 190.2#
 56 173.9 107.8 147.8#

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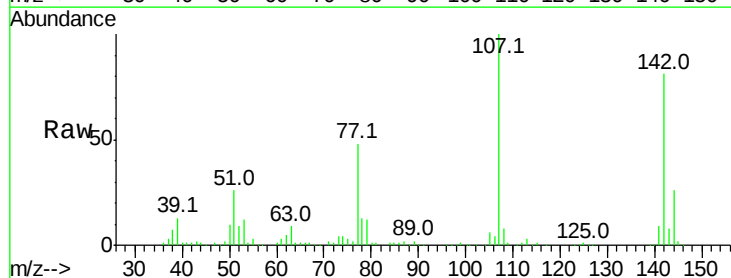


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

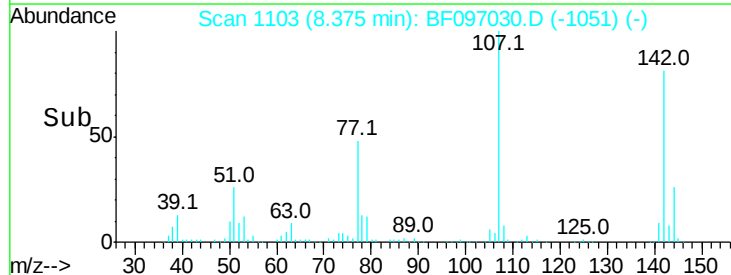
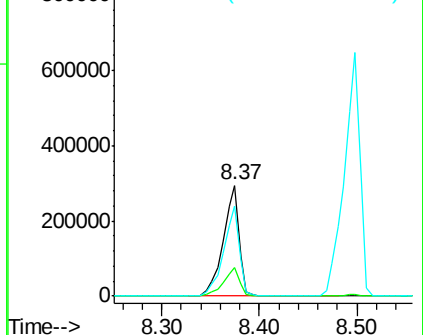


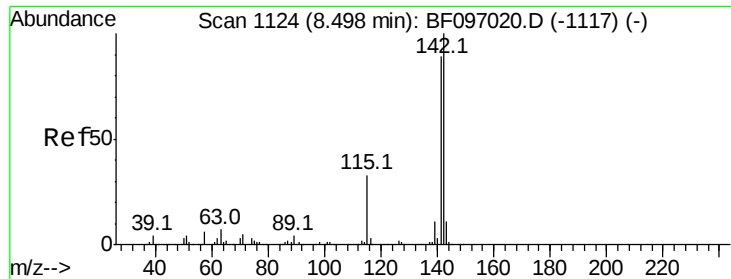
#36
 4-Chloro-3-methylphenol
 Concen: 37.848 ng/ml
 RT: 8.37 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion:107 Resp: 332437
 Ion Ratio Lower Upper
 107 100
 144 26.1 24.2 36.4
 142 81.1 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





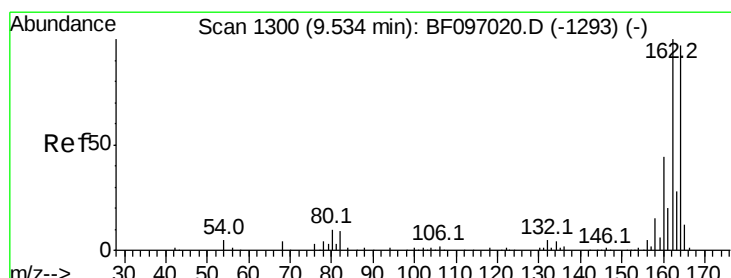
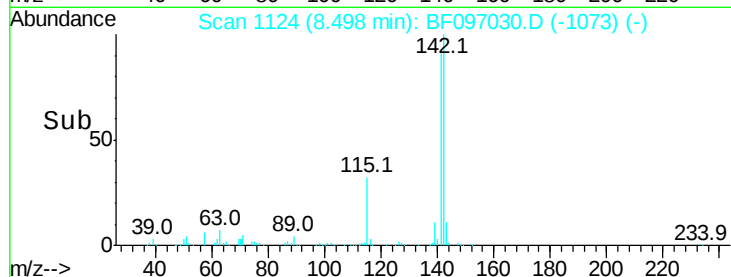
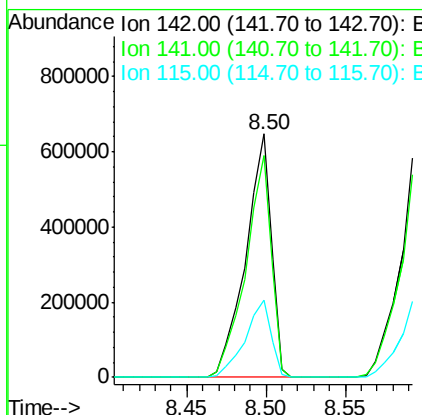
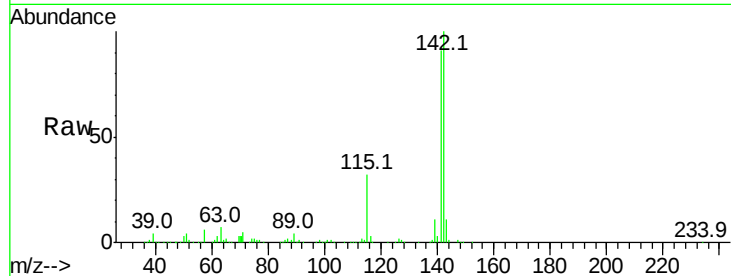
#37
2-Methylnaphthalene
Concen: 41.262 ng
RT: 8.50 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.3	106.9
115	32.0	27.1	40.7

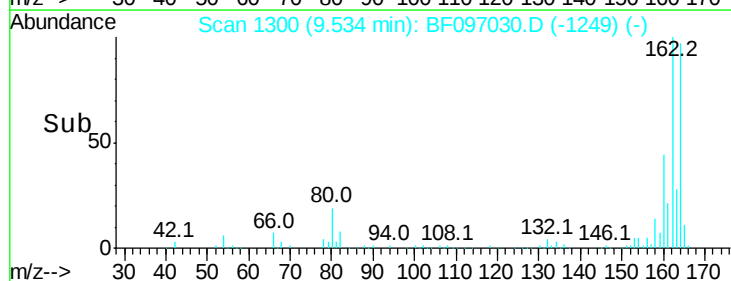
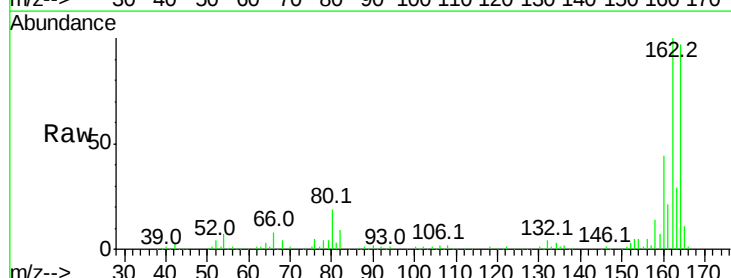
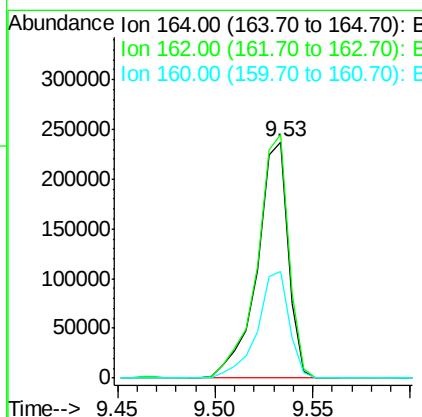
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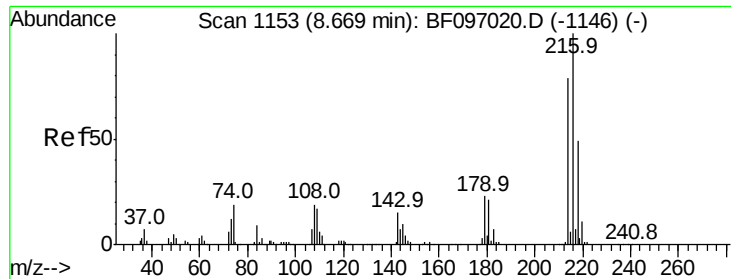
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.53 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	45.3	36.2	54.2





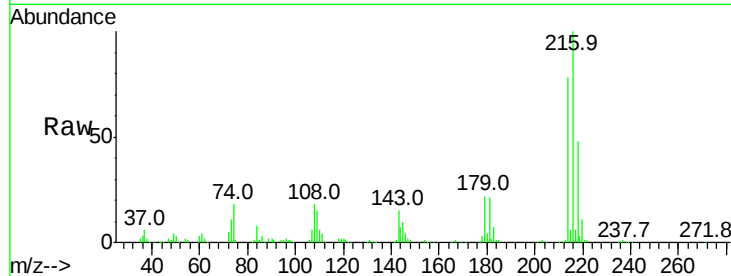
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.367 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

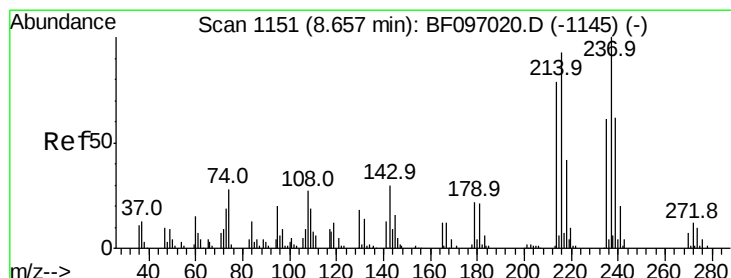
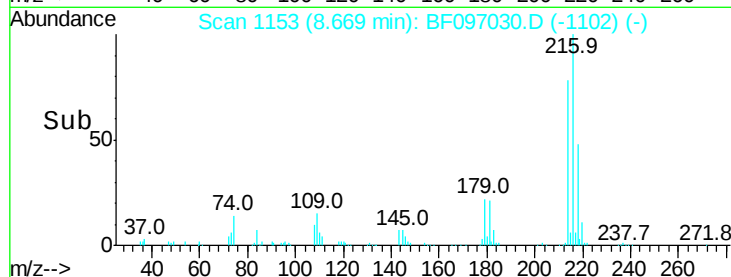
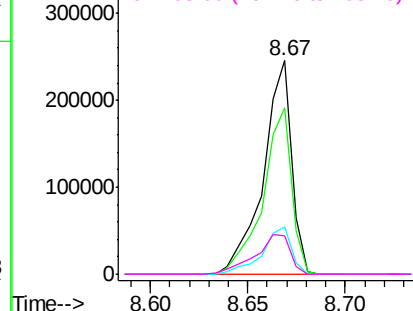
Tot Ion	Ratio	Resp	Lower	Upper
216	100	247687		
214	78.7	63.4	95.2	
179	22.4	17.9	26.9	
108	23.2	16.5	24.7	

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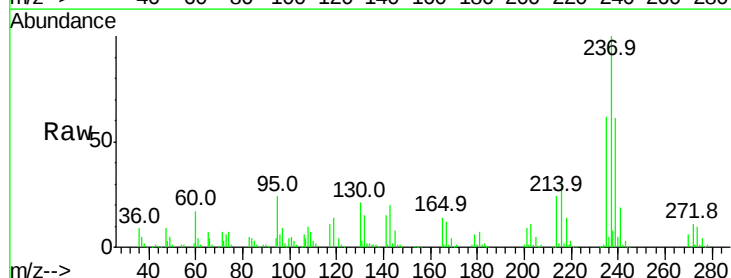


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

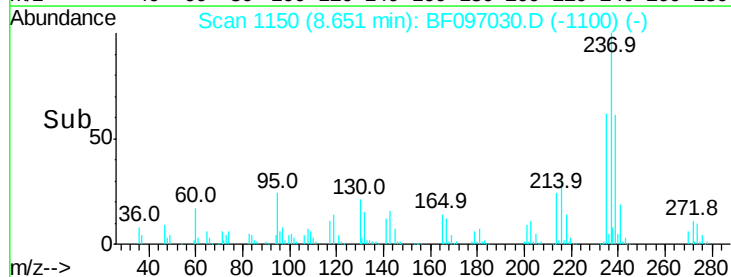
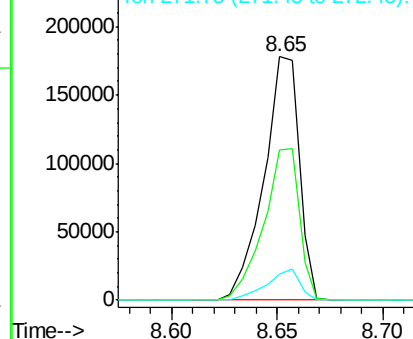


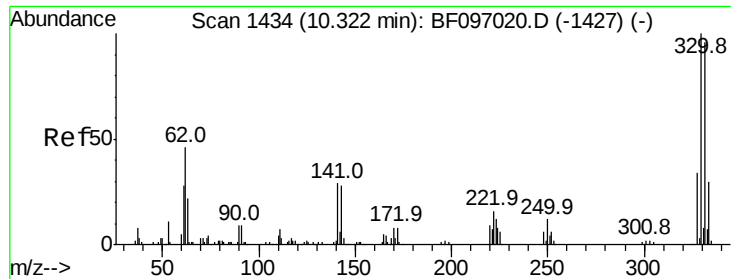
#40
 Hexachlorocyclopentadiene
 Concen: 84.426 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	207728		
235	61.5	42.6	82.6	
272	10.9	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 77.827 ng

RT: 10.32 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

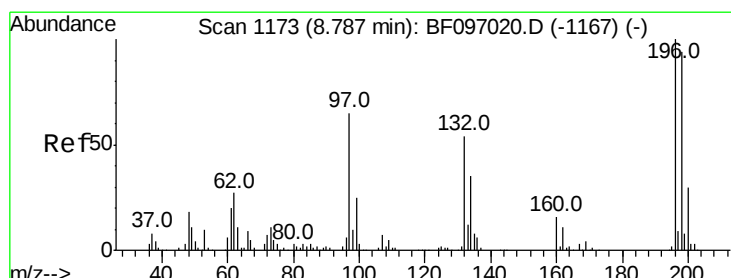
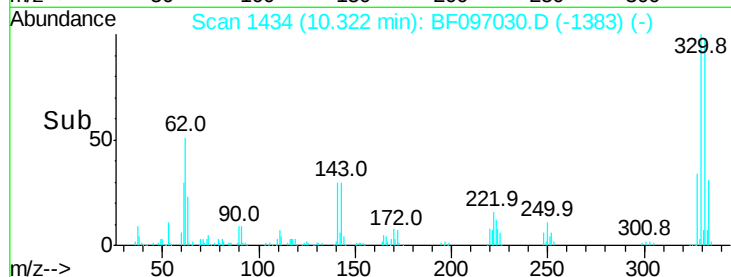
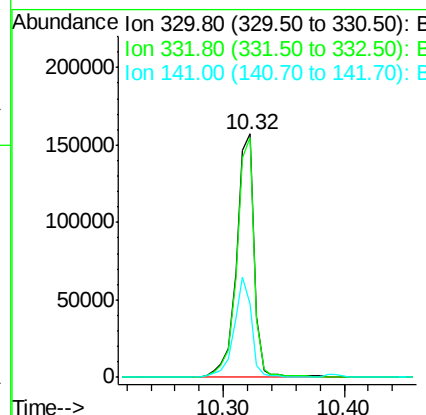
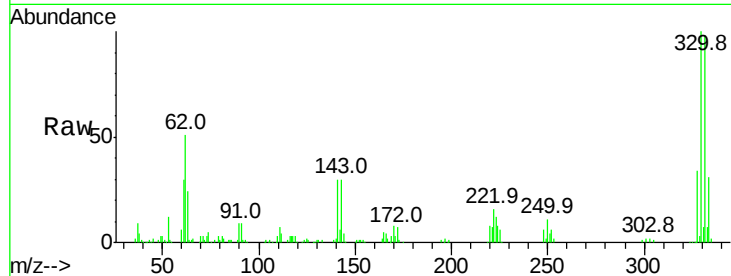
ClientSampleId :

PB100892BS

Tot Ion:	330	Resp:	161394
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.6	115.0
141	39.9	31.4	47.2

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#42

2,4,6-Trichlorophenol

Concen: 37.176 ng

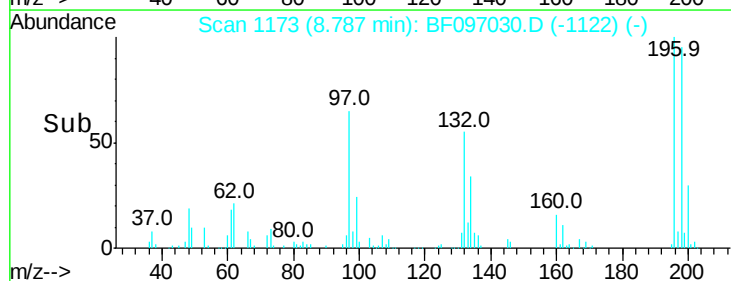
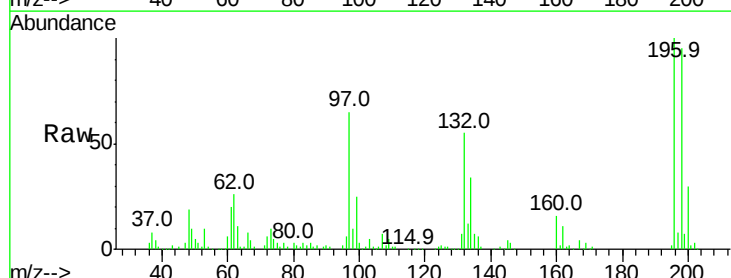
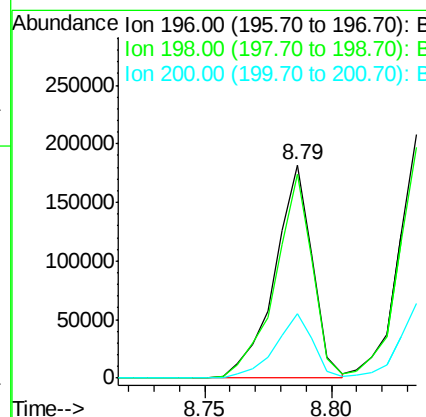
RT: 8.79 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Tgt Ion:	196	Resp:	188673
Ion Ratio	Lower	Upper	
196	100		
198	95.3	74.2	111.4
200	30.3	24.0	36.0





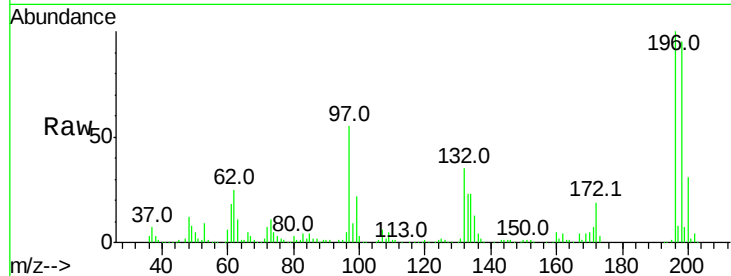
#43
 2,4,5-Trichlorophenol
 Concen: 37.310 ng
 RT: 8.83 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

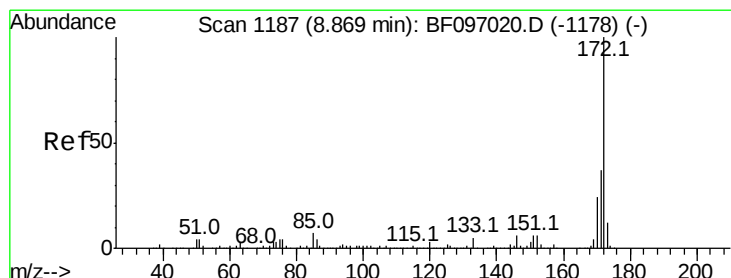
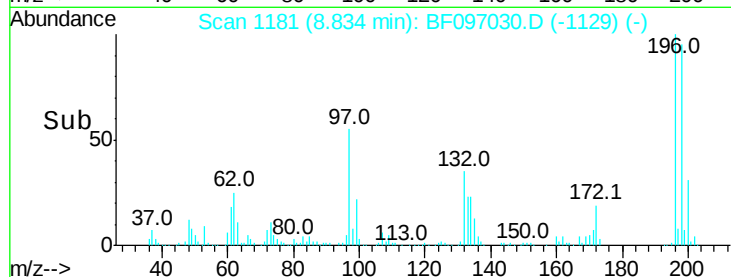
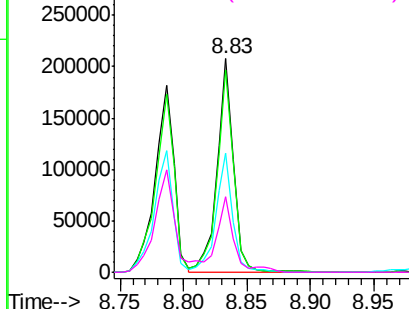
Tot Ion	196	Resp	189525
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.7	113.5
97	55.5	47.7	71.5
132	35.2	28.0	42.0

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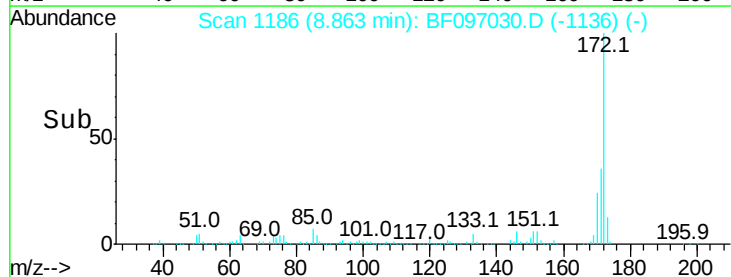
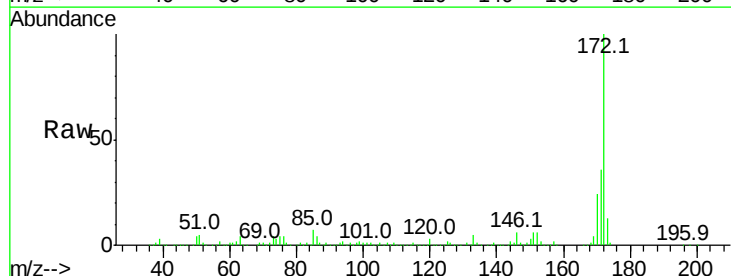
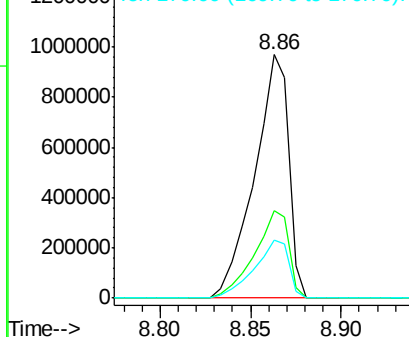
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

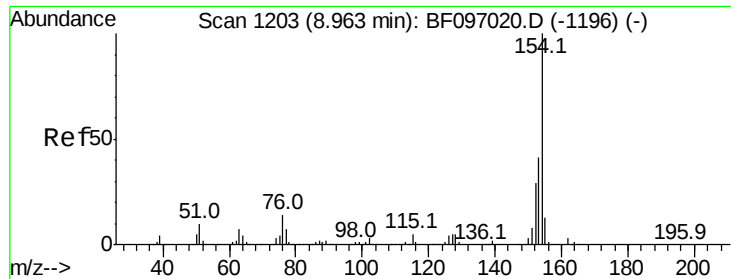


#44
 2-Fluorobiphenyl
 Concen: 81.980 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion	172	Resp	1267878
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	24.0	19.8	29.8

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





#45

1,1'-Biphenyl

Concen: 35.323 ng

RT: 8.96 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

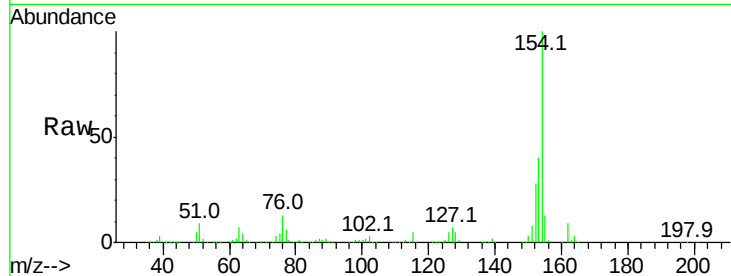
ClientSampled :

PB100892BS

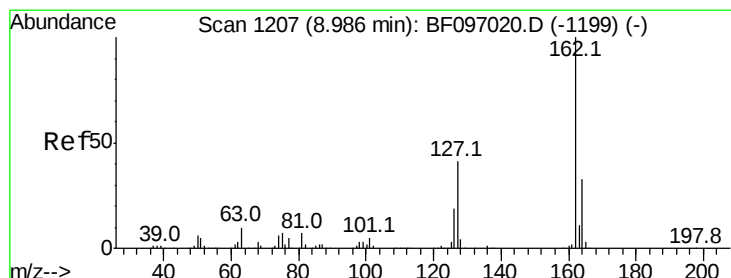
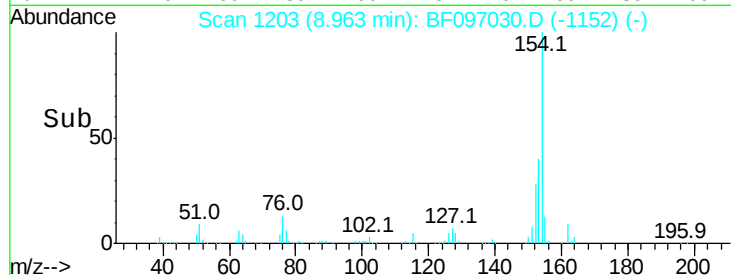
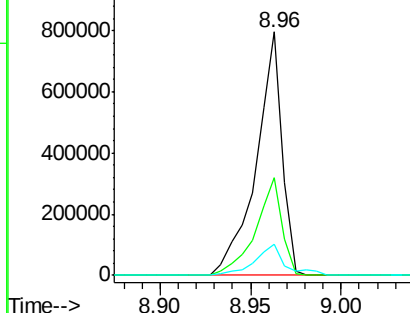
Tot Ion:	154	Resp:	791892
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.2	61.2
76	13.0	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 37.165 ng

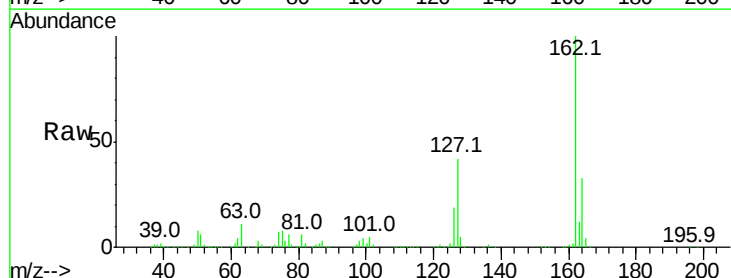
RT: 8.98 min Scan# 1206

Delta R.T. -0.01 min

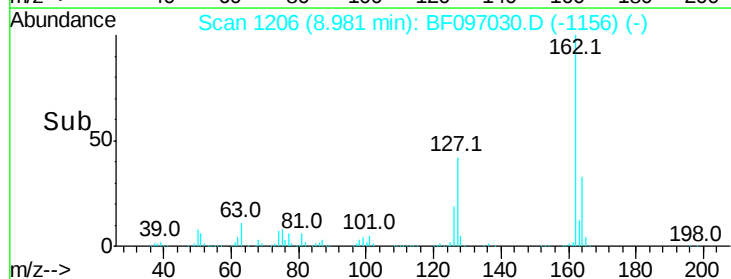
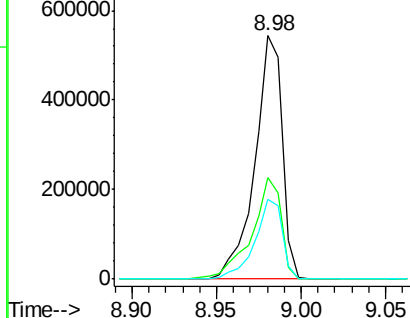
Lab File: BF097030.D

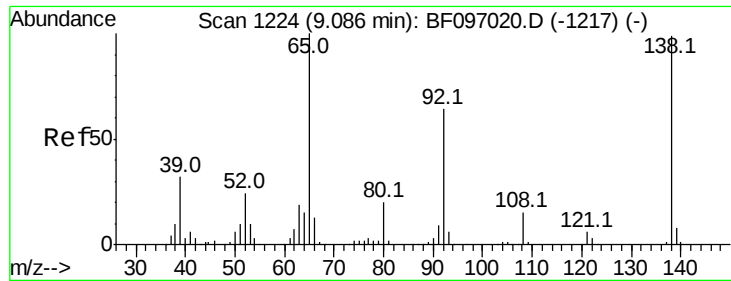
Acq: 25 Jul 2017 15:49

Tgt Ion:	162	Resp:	613127
Ion Ratio	Lower	Upper	
162	100		
127	41.8	28.3	42.5
164	32.9	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





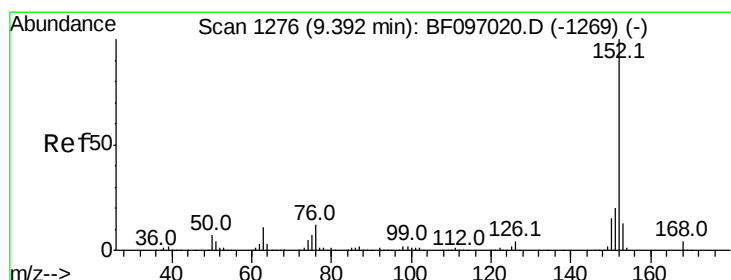
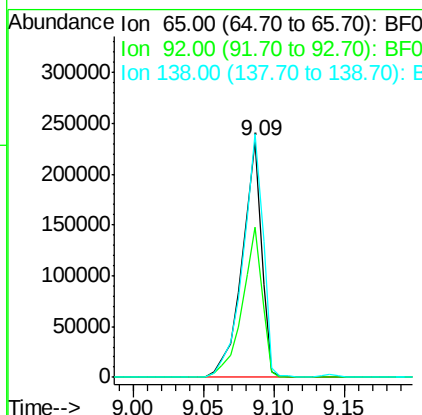
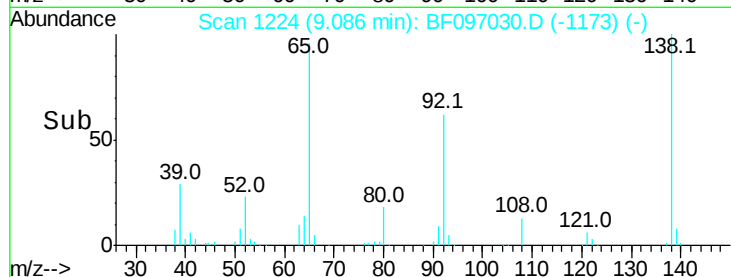
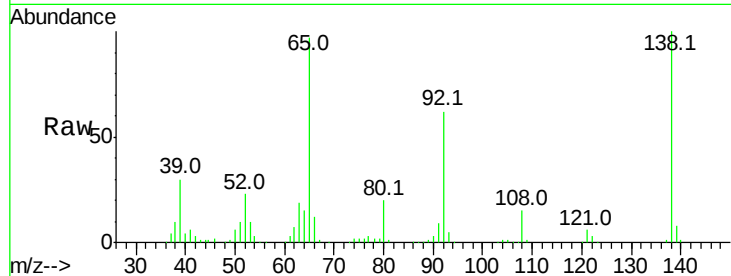
#47
 2-Nitroaniline
 Concen: 37.557 ng
 RT: 9.09 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

Tot Ion:	65	Resp:	224857
Ion Ratio	Lower	Upper	
65	100		
92	63.8	53.9	80.9
138	103.0	78.8	118.2

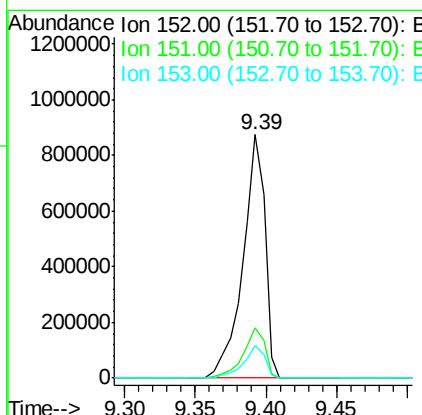
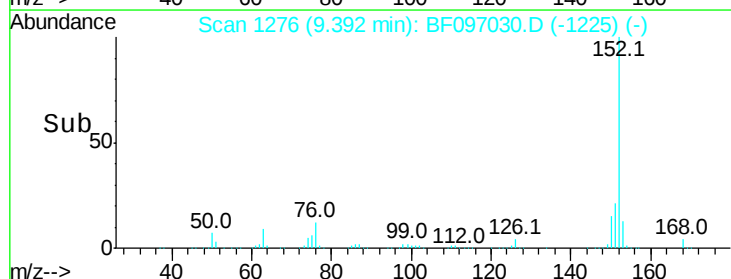
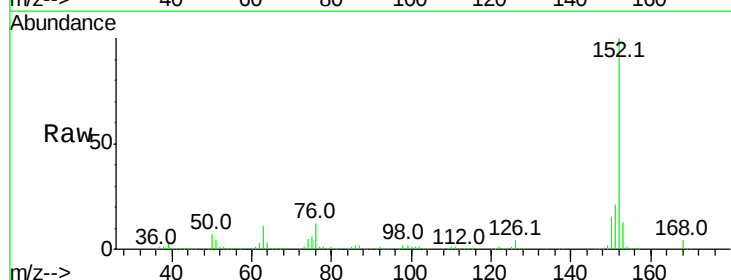
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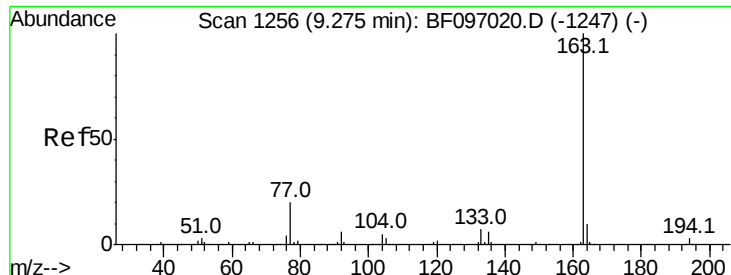
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#48
 Acenaphthylene
 Concen: 37.606 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion:	152	Resp:	952270
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.8	25.2
153	13.1	10.8	16.2





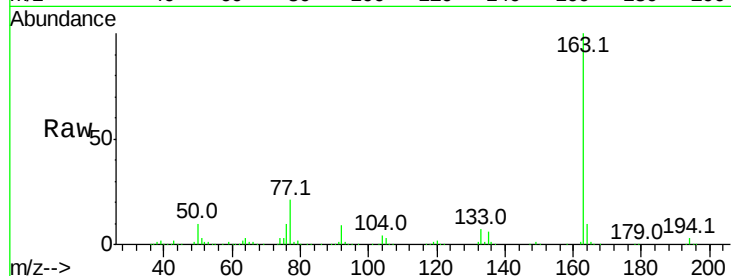
#49
Dimethylphthalate
Concen: 38.223 ng
RT: 9.27 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

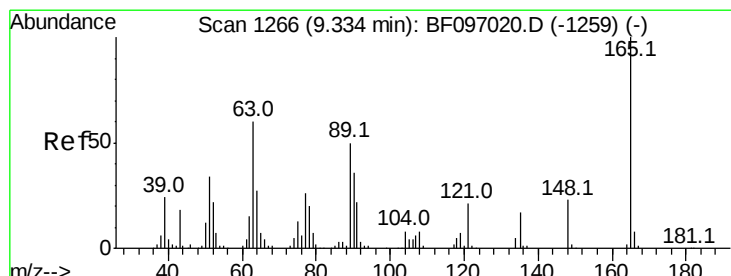
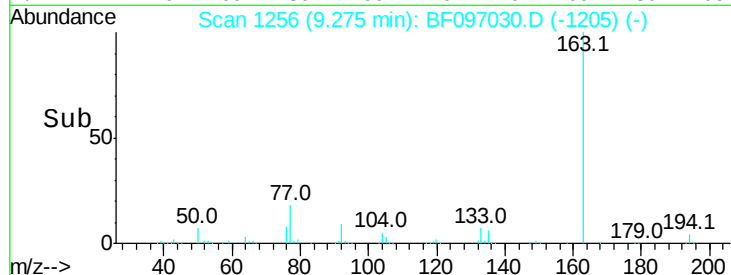
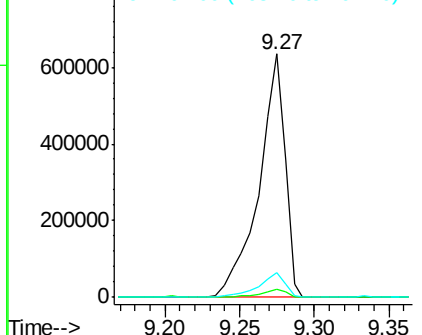
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.2	8.4	12.6	

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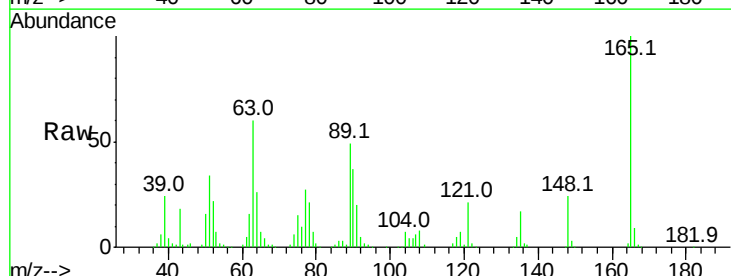


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

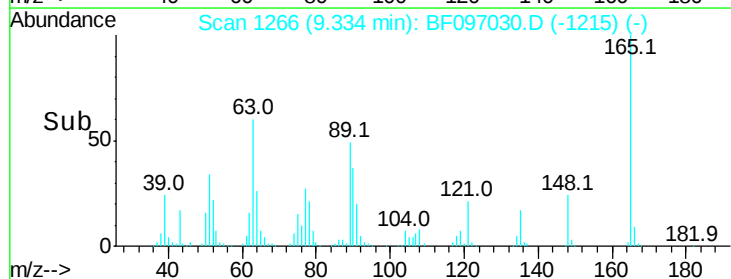
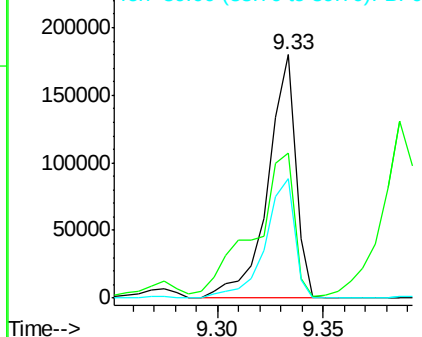


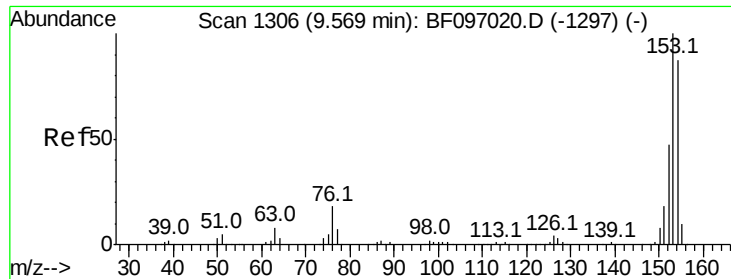
#50
2,6-Dinitrotoluene
Concen: 39.295 ng
RT: 9.33 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.8	34.3	51.5#	
89	49.0	37.1	55.7	



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





#51

Acenaphthene

Concen: 37.653 ng

RT: 9.56 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

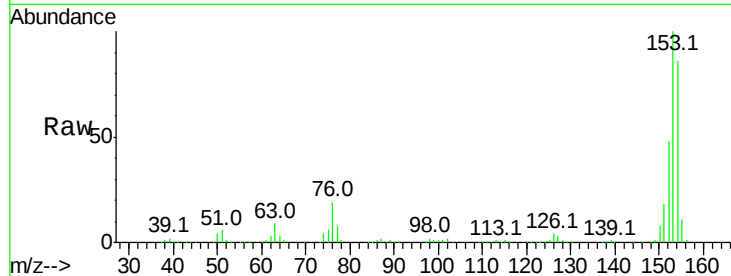
PB100892BS

Tot Ion:154	Resp:	561625
Ion Ratio	Lower	Upper
154	100	
153	116.3	90.5 135.7
152	56.2	43.6 65.4

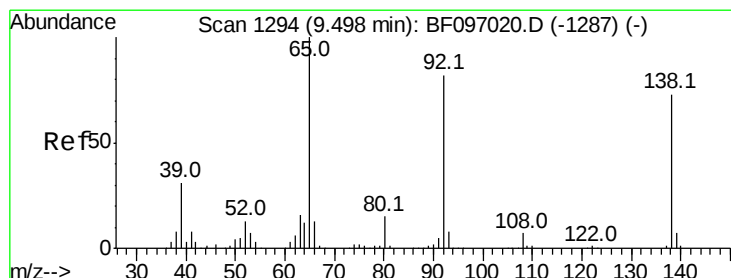
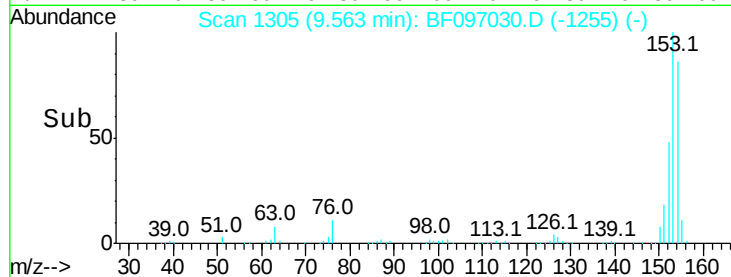
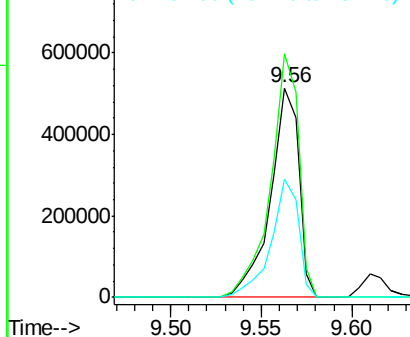
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.810 ng

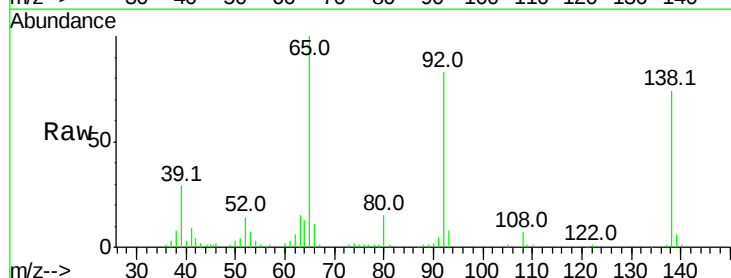
RT: 9.49 min Scan# 1293

Delta R.T. -0.01 min

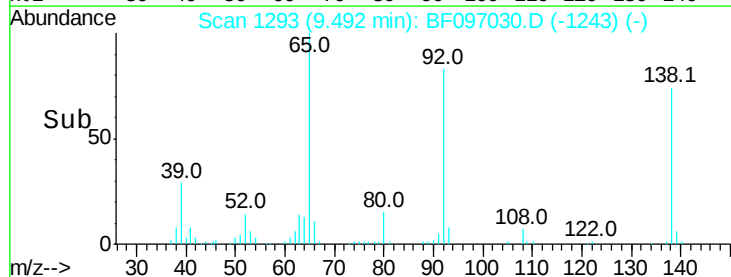
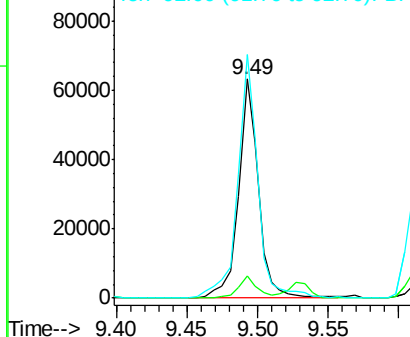
Lab File: BF097030.D

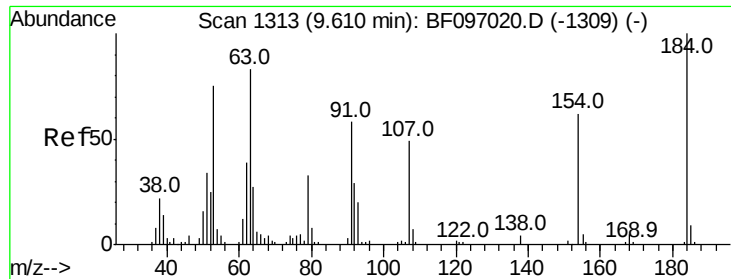
Acq: 25 Jul 2017 15:49

Tgt Ion:138	Resp:	61970
Ion Ratio	Lower	Upper
138	100	
108	10.0	9.1 13.7
92	111.1	93.8 140.6



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





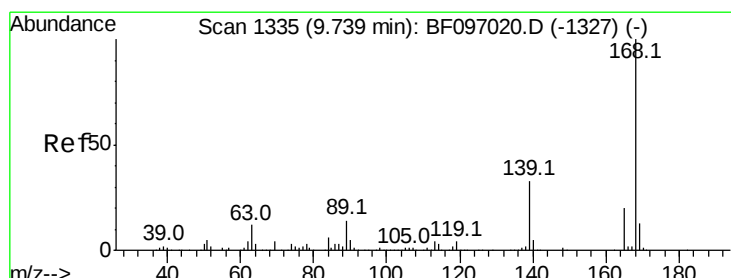
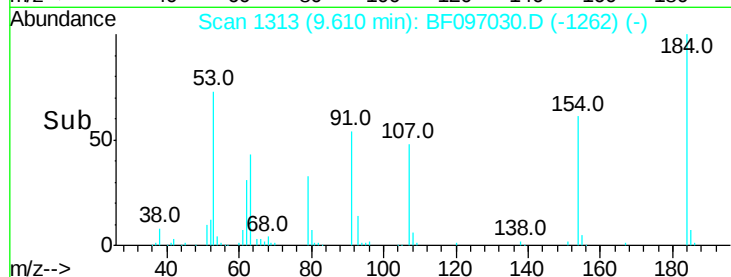
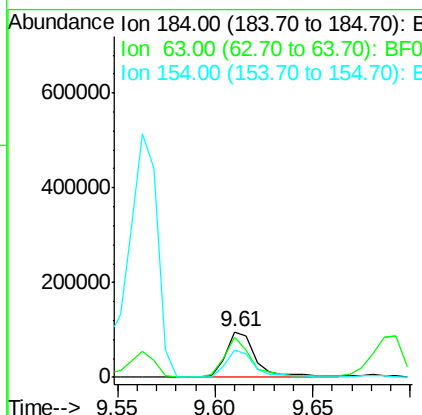
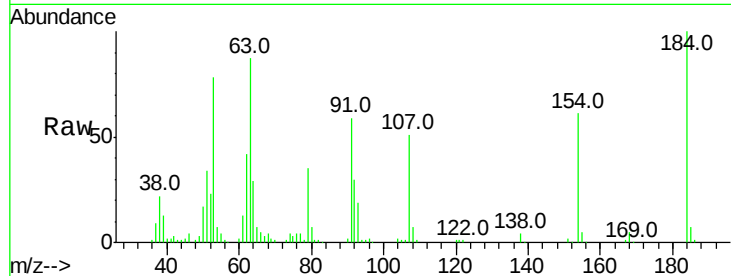
#53
 2,4-Dinitrophenol
 Concen: 53.600 ng
 RT: 9.61 min Scan# 1313
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

Tot Ion:184 Resp: 103023
 Ion Ratio Lower Upper
 184 100
 63 87.4 62.7 94.1
 154 61.0 81.1 121.7#

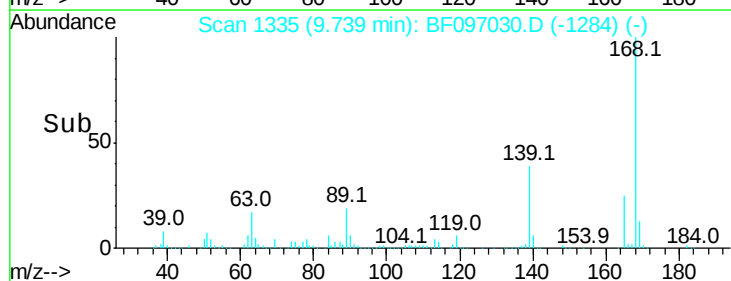
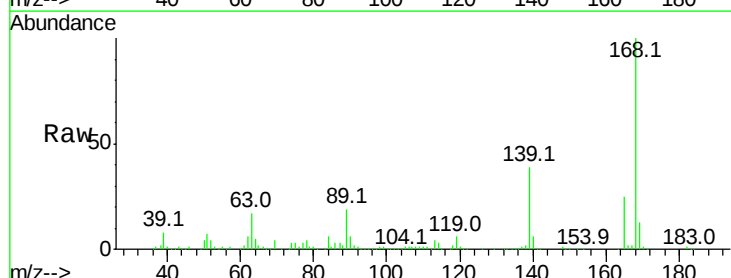
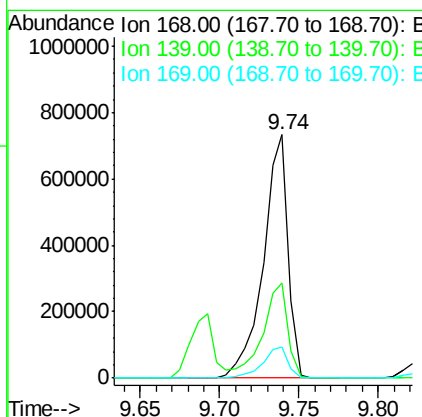
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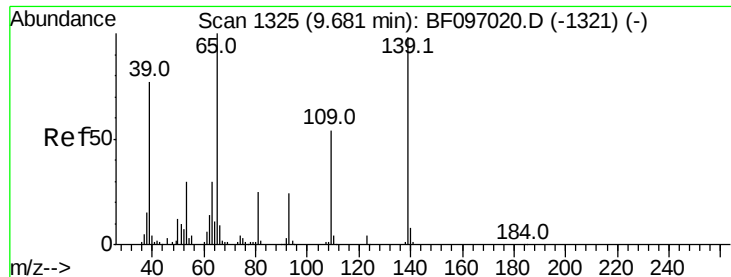
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#54
 Dibenzofuran
 Concen: 40.387 ng
 RT: 9.74 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion:168 Resp: 802379
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.6 45.8
 169 12.9 10.8 16.2





#55

4-Nitrophenol

Concen: 63.700 ng

RT: 9.69 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

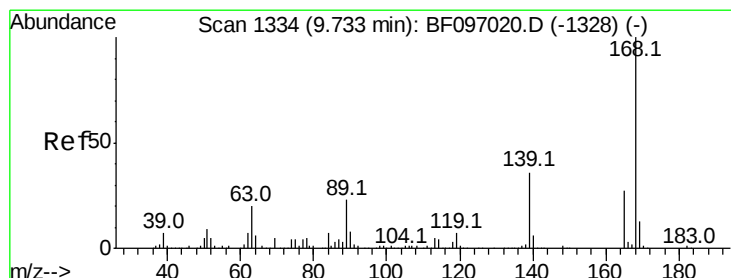
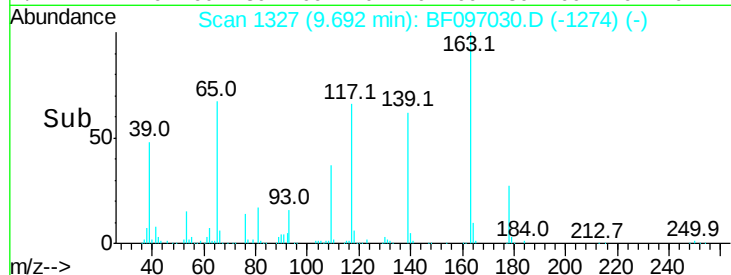
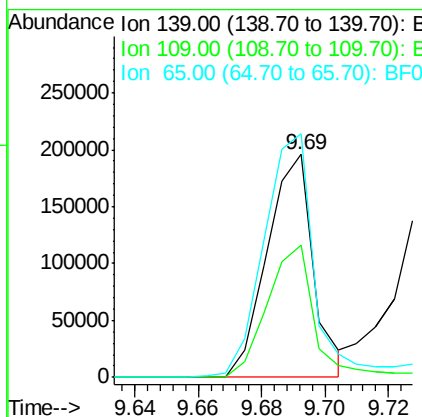
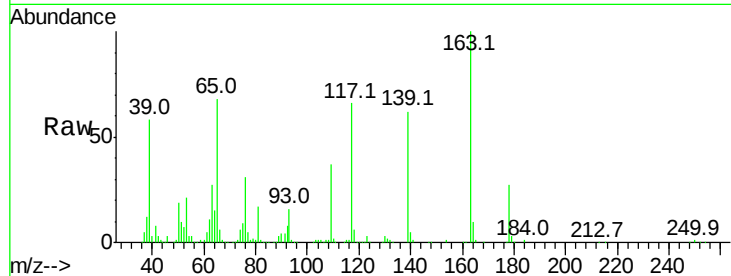
ClientSampleId :

PB100892BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	59.2	34.1	74.1	
65	109.3	31.4	71.4	

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#56

2,4-Dinitrotoluene

Concen: 38.586 ng

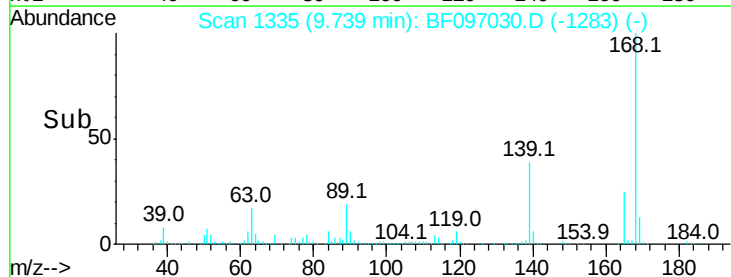
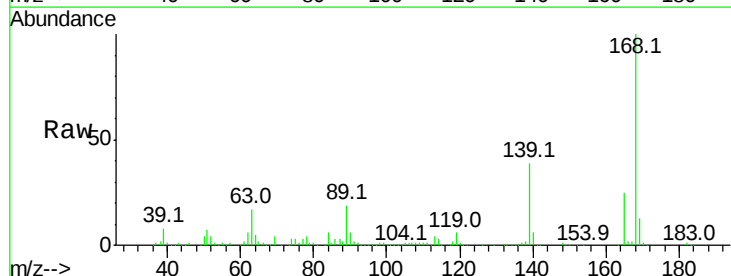
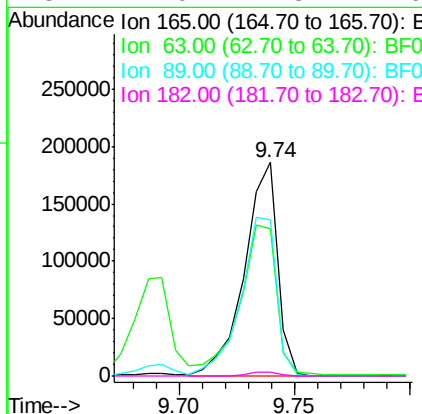
RT: 9.74 min Scan# 1335

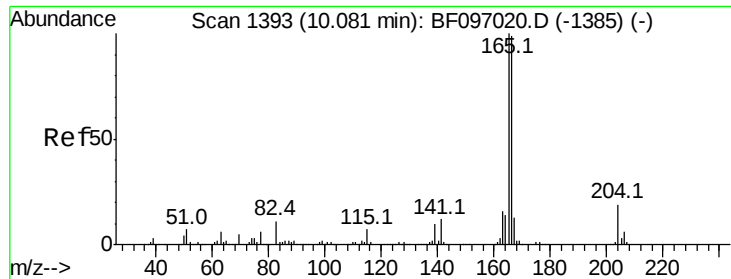
Delta R.T. 0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.9	25.4	38.0	
89	73.1	46.4	69.6	
182	2.0	1.8	2.6	





#57

Fluorene

Concen: 40.743 ng

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

Tot Ion:166 Resp: 608388

Ion Ratio Lower Upper

166 100

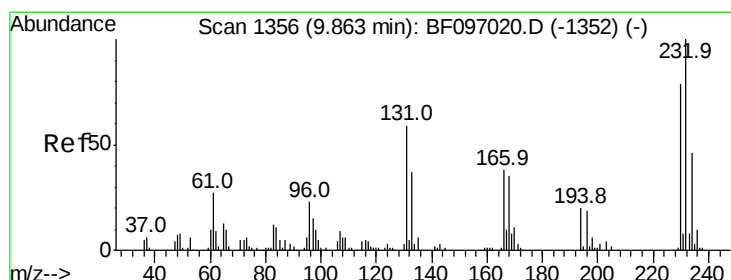
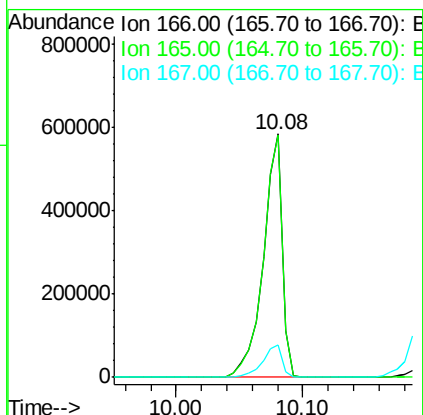
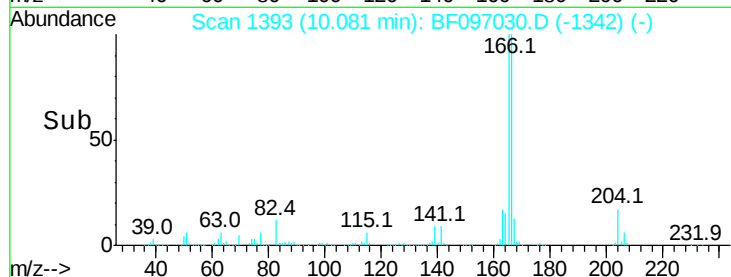
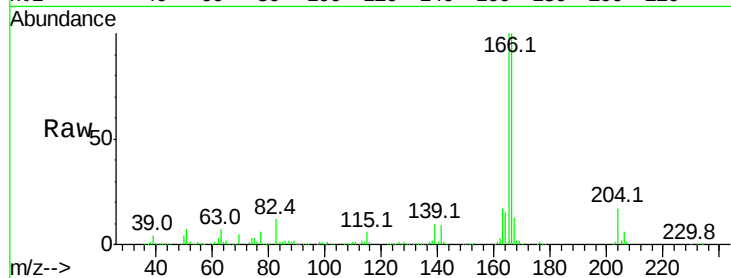
165 99.7 78.8 118.2

167 13.3 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.570 ng

RT: 9.86 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Tgt Ion:232 Resp: 145802

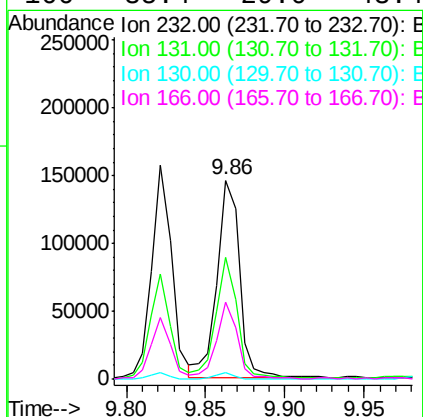
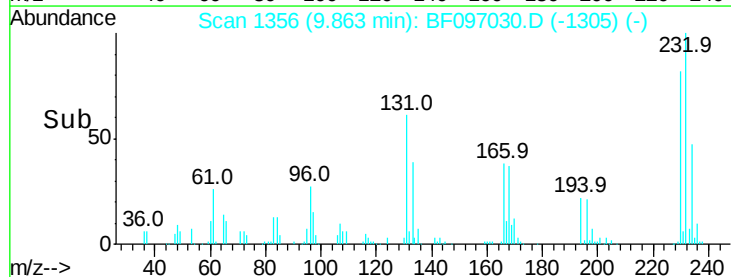
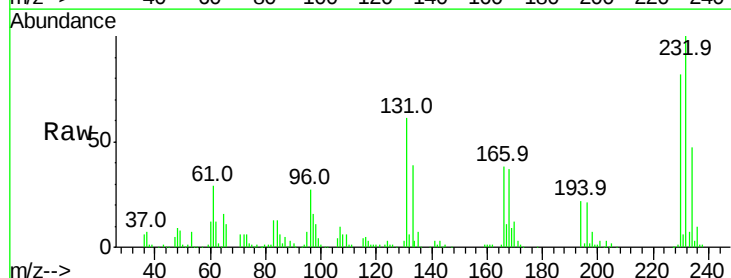
Ion Ratio Lower Upper

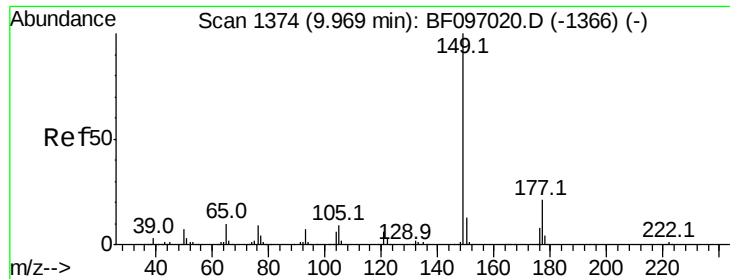
232 100

131 57.1 44.8 67.2

130 2.7 2.3 3.5

166 35.4 29.0 43.4





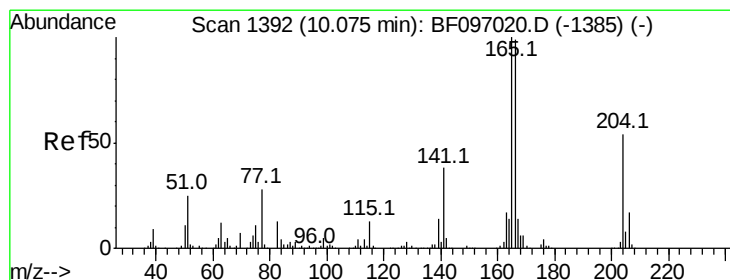
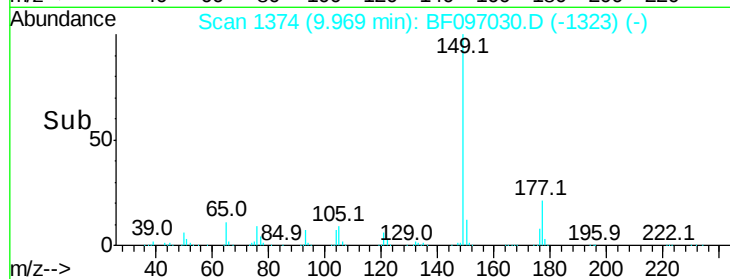
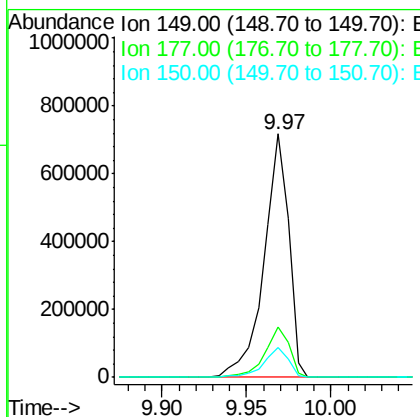
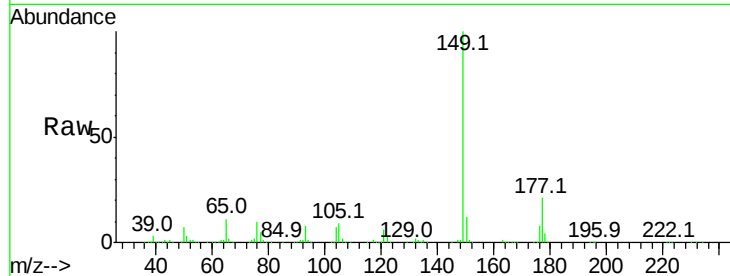
#59
Diethylphthalate
Concen: 39.601 ng
RT: 9.97 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	724122		
177	20.6	16.7	25.1	
150	12.3	10.2	15.2	

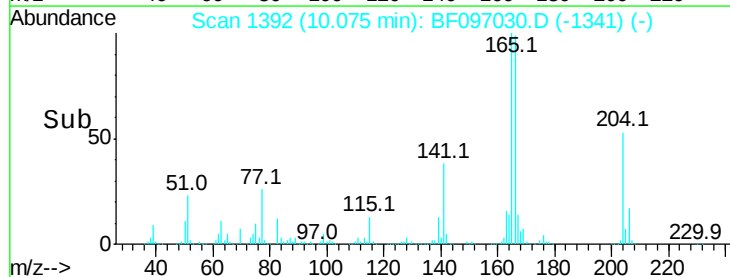
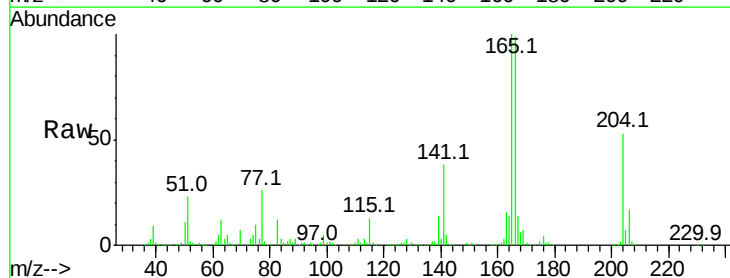
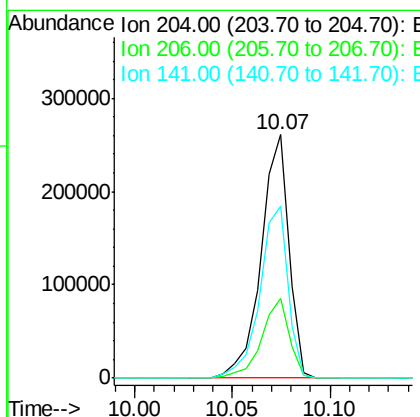
Manual Integrations
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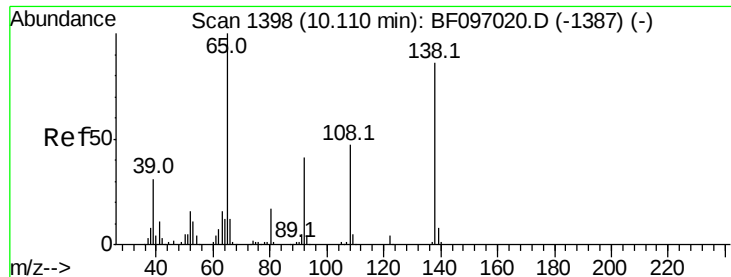
Sohil
7/26/2017 5:54:24 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.810 ng
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	257808		
206	32.7	26.2	39.2	
141	70.8	60.8	91.2	





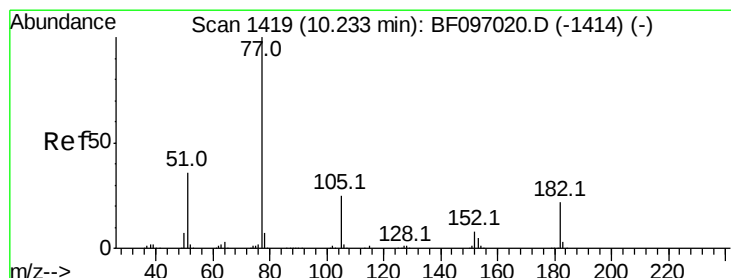
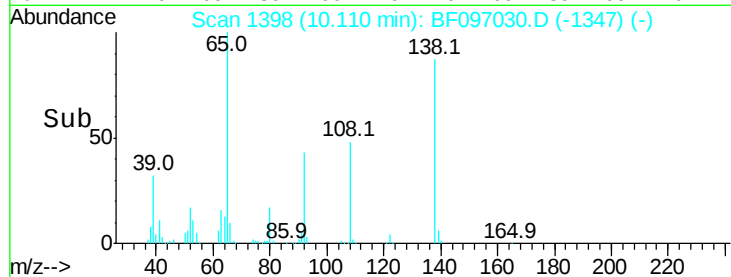
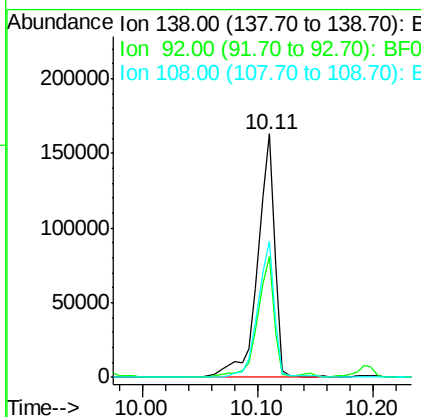
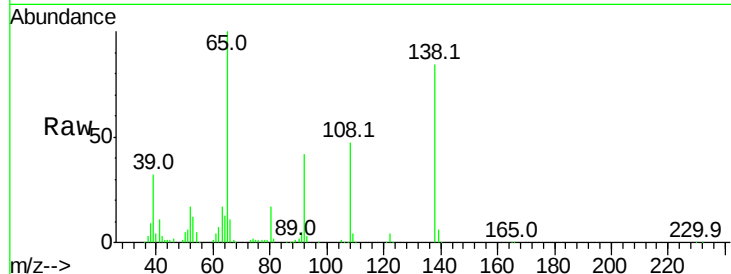
#61
4-Nitroaniline
Concen: 34.336 ng
RT: 10.11 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	49.6	21.8	61.8	
108	55.9	42.3	82.3	

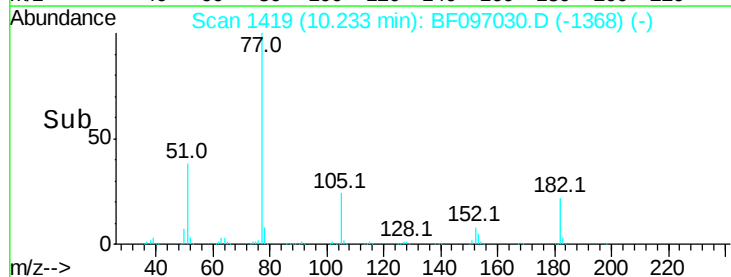
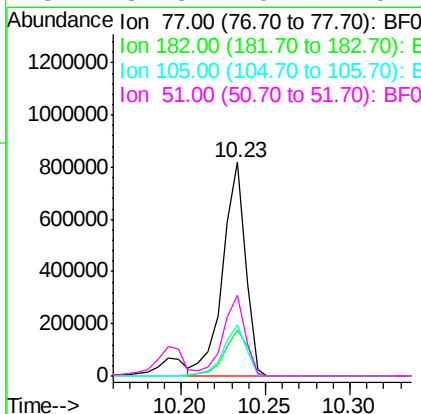
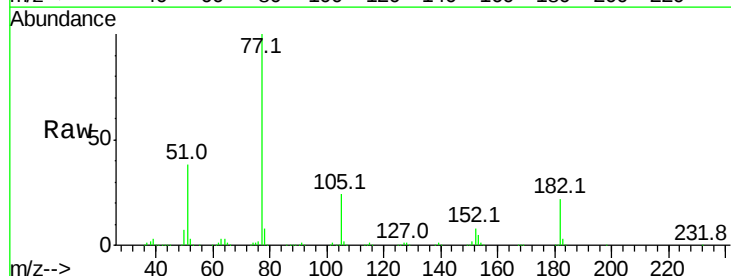
Manual Integrations
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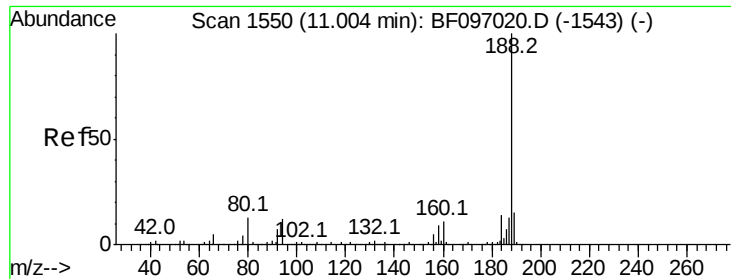
Sohil
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#62
Azobenzene
Concen: 45.076 ng
RT: 10.23 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	21.8	0.1	40.1	
105	24.1	3.6	43.6	
51	37.8	9.4	49.4	





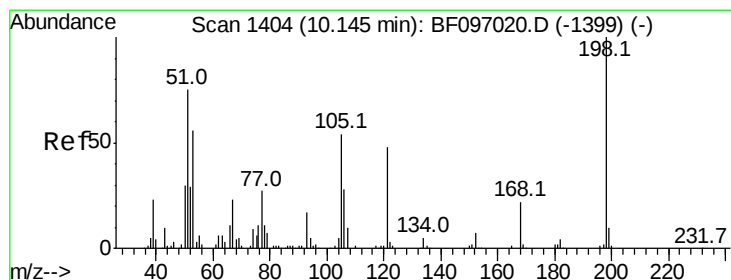
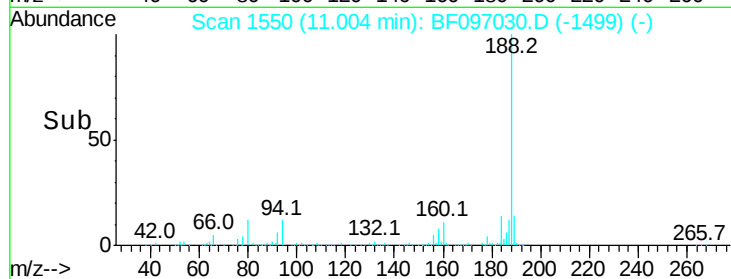
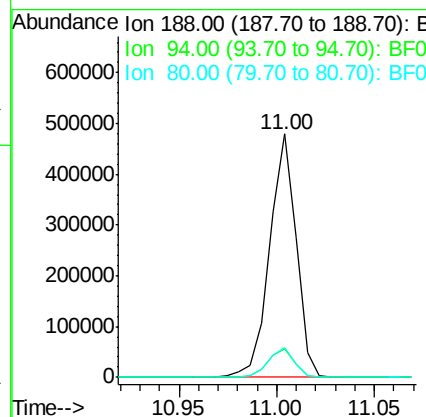
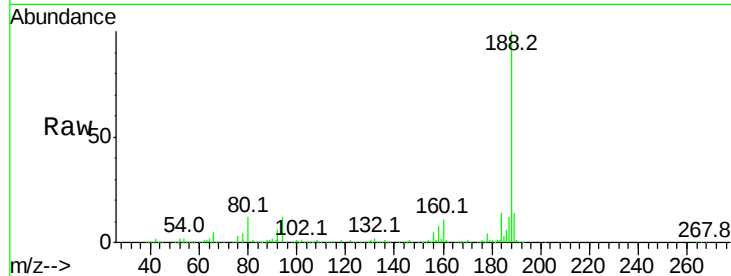
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	451397		
94	11.7		9.4	14.2
80	12.1		10.2	15.2

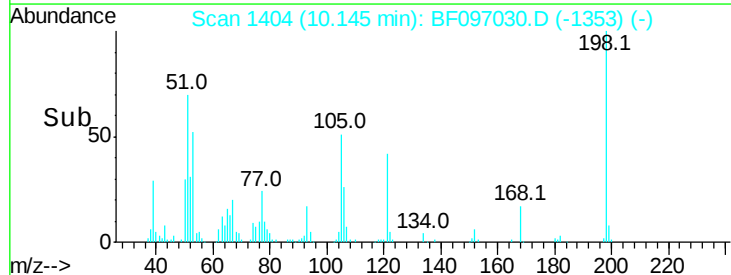
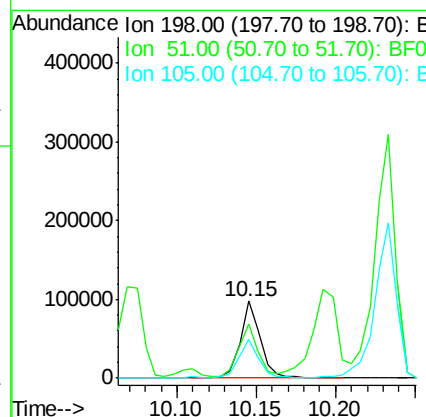
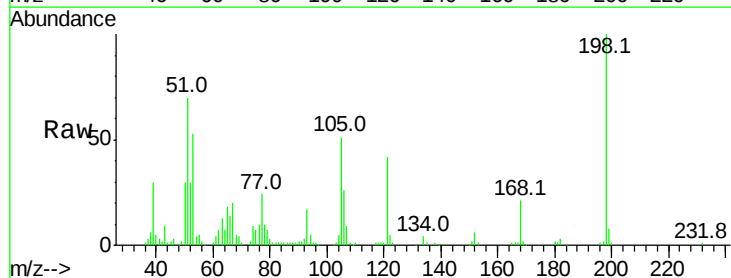
Manual Integrations
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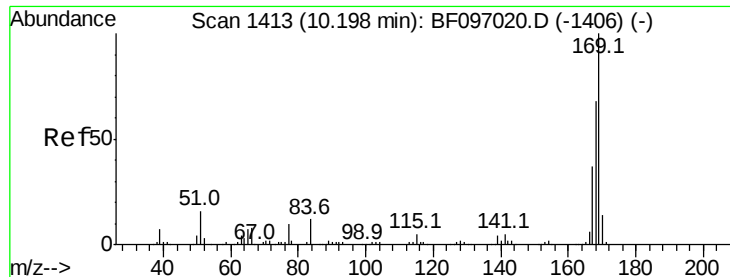
Sohil
7/26/2017 5:54:24 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 30.871 ng
RT: 10.15 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	86591		
51	69.9		53.2	93.2
105	50.5		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 38.268 ng

RT: 10.20 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

PB100892BS

Tot Ion:169 Resp: 601041

Ion Ratio Lower Upper

169 100

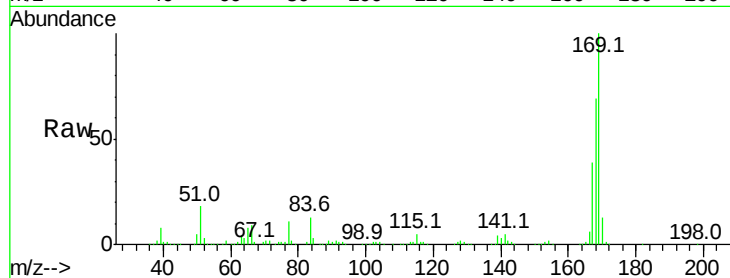
168 68.7 53.2 79.8

167 38.7 29.5 44.3

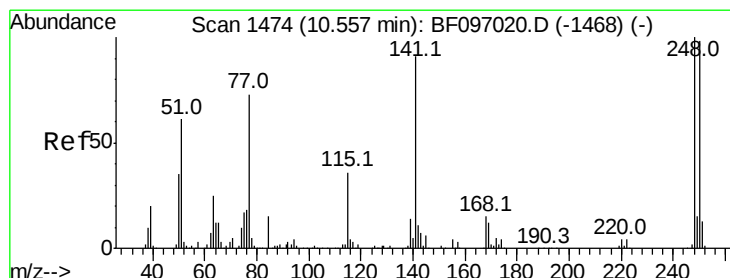
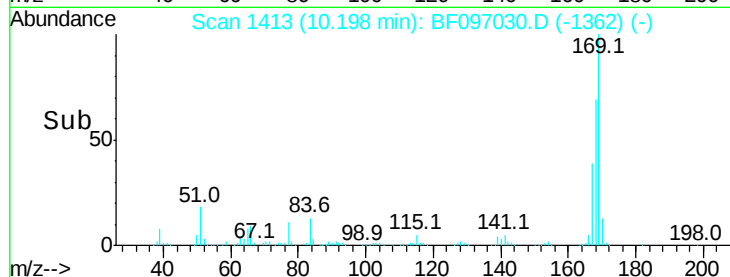
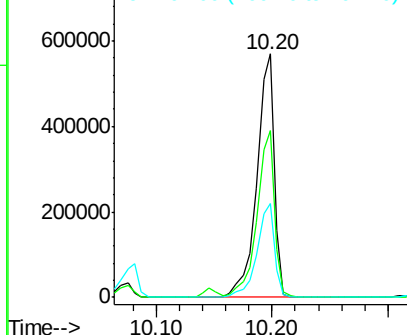
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.852 ng

RT: 10.56 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

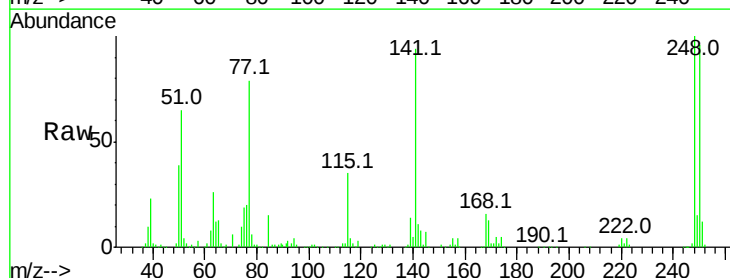
Tgt Ion:248 Resp: 184030

Ion Ratio Lower Upper

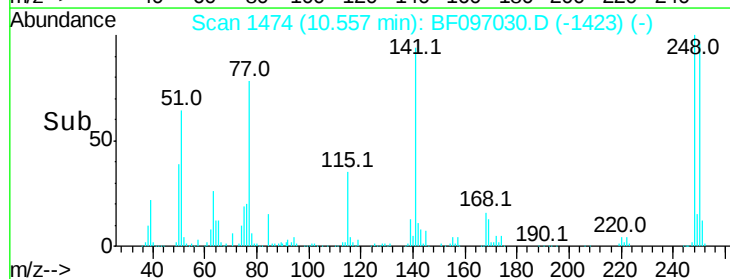
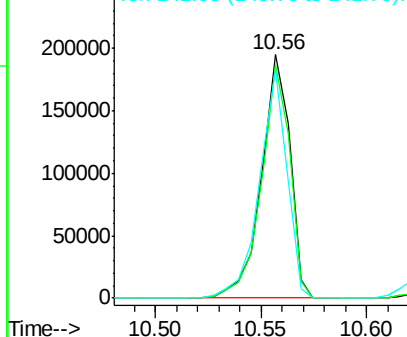
248 100

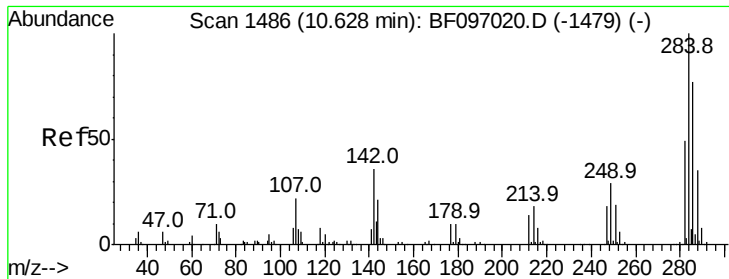
250 96.0 76.8 115.2

141 93.7 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.720 ng

RT: 10.63 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

ClientSampleId :

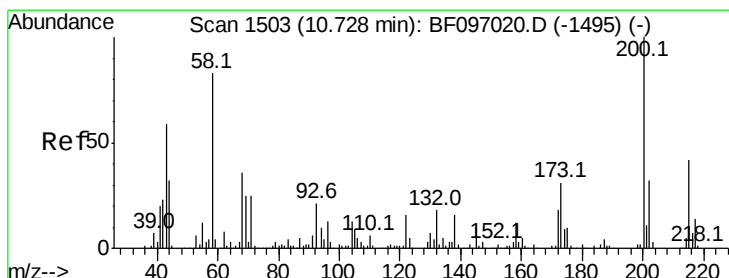
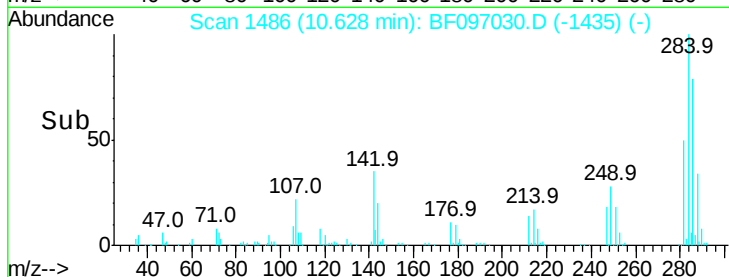
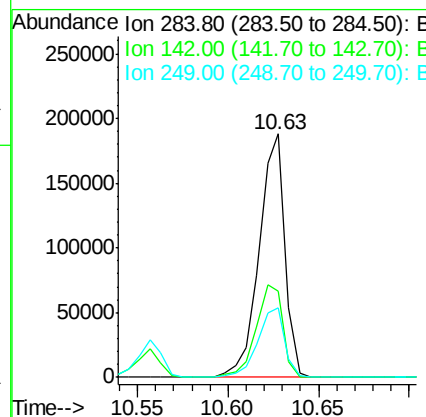
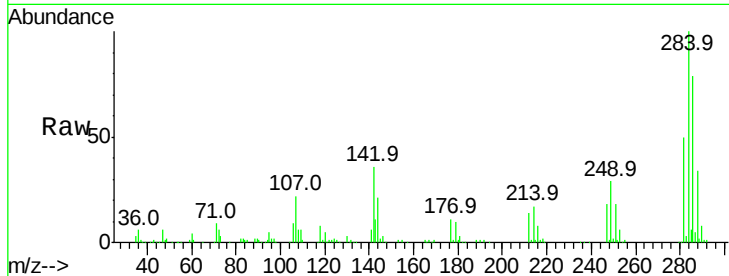
PB100892BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	35.6	22.8	34.2#	
249	28.6	24.0	36.0	

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#68

Atrazine

Concen: 38.836 ng

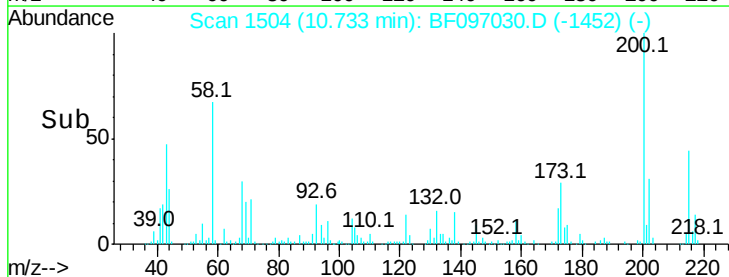
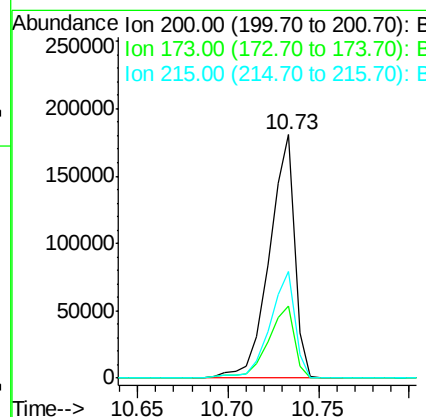
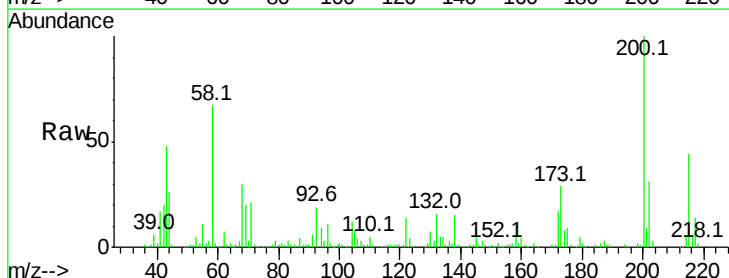
RT: 10.73 min Scan# 1504

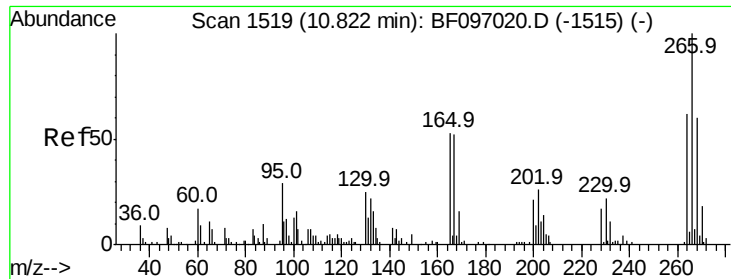
Delta R.T. 0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.5	6.3	46.3	
215	43.8	27.2	67.2	





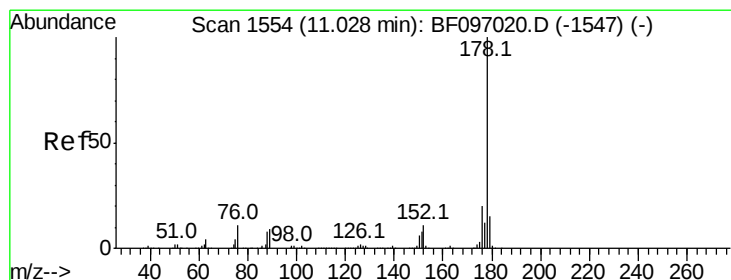
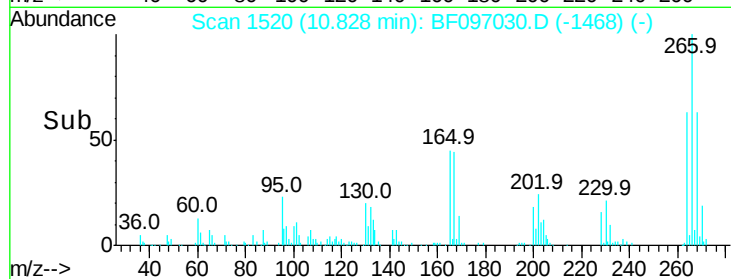
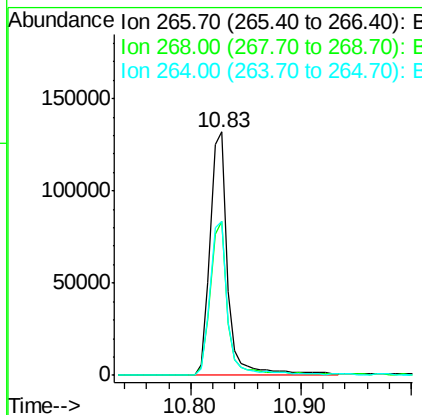
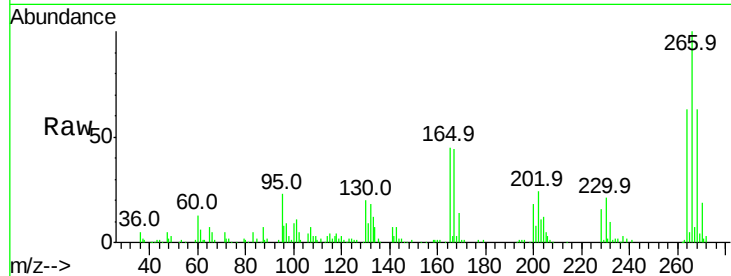
#69
 Pentachlorophenol
 Concen: 69.660 ng
 RT: 10.83 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	145600		
268	63.1	51.1	76.7	
264	63.2	51.7	77.5	

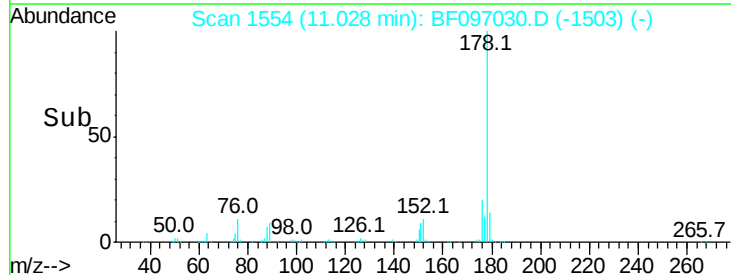
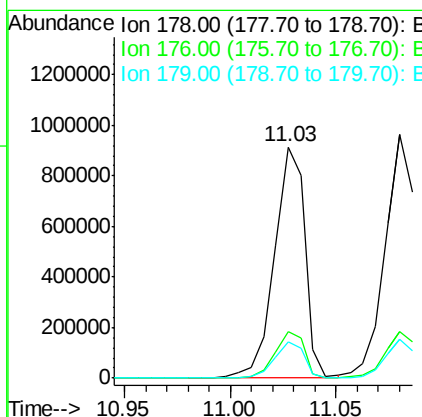
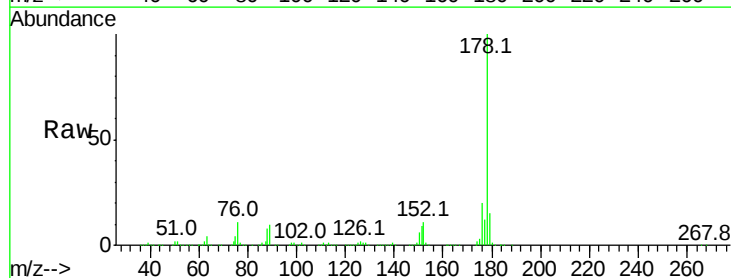
Manual Integrations
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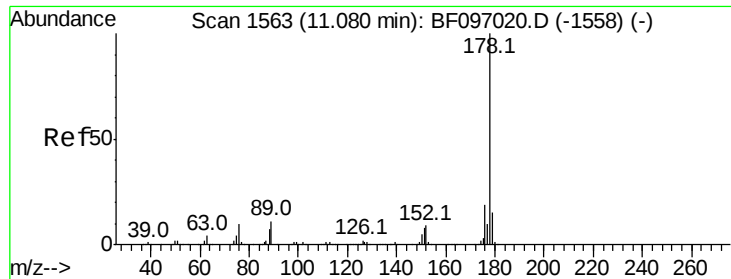
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#70
 Phenanthrene
 Concen: 37.927 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	917297		
176	20.3	16.2	24.4	
179	15.4	12.6	19.0	





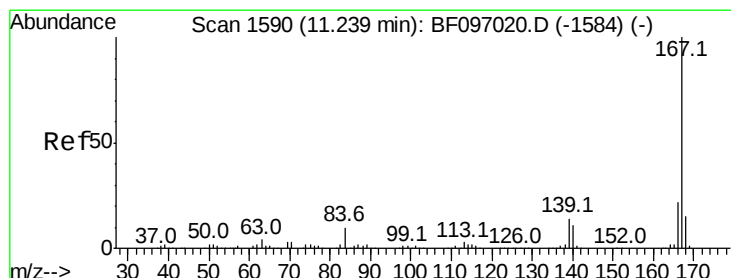
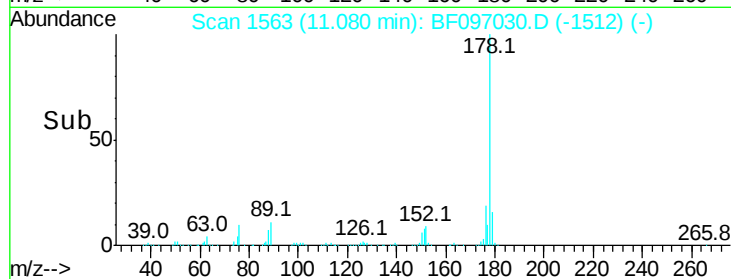
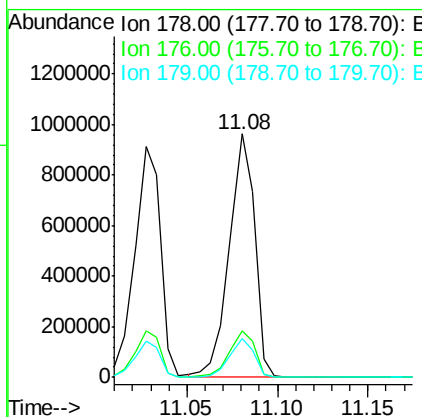
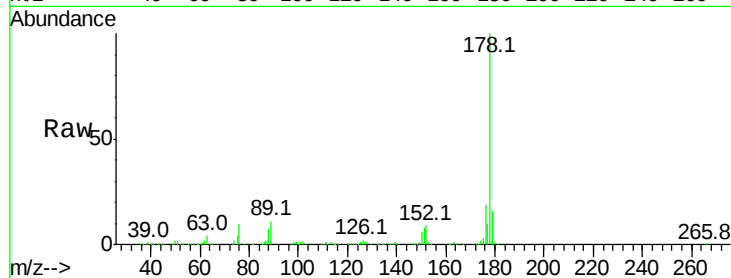
#71
 Anthracene
 Concen: 38.115 ng
 RT: 11.08 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.8	12.7	19.1

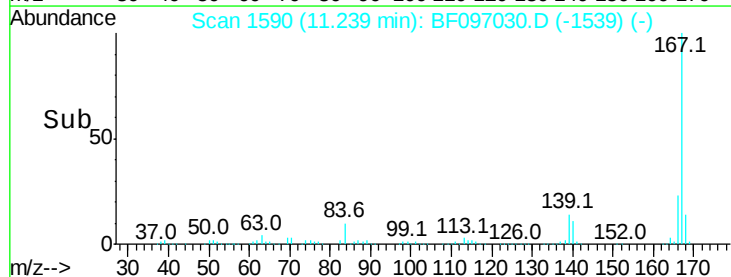
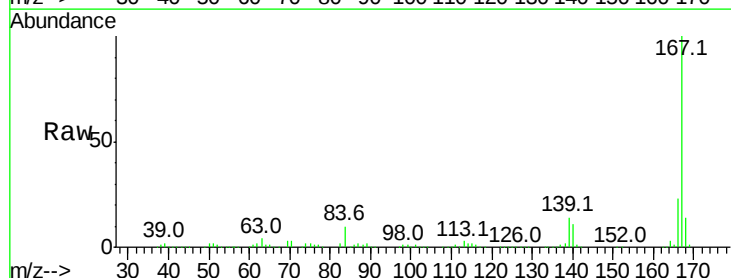
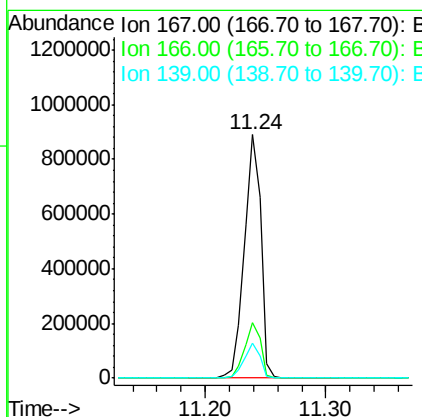
Manual Integrations
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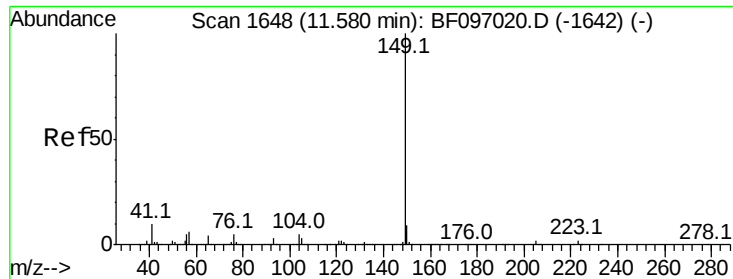
Sohil
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#72
 Carbazole
 Concen: 35.211 ng
 RT: 11.24 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.1	27.1
139	14.2	11.7	17.5





#73

Di-n-butylphthalate

Concen: 39.587 ng

RT: 11.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

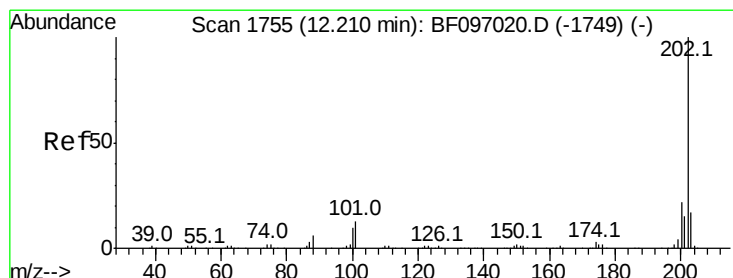
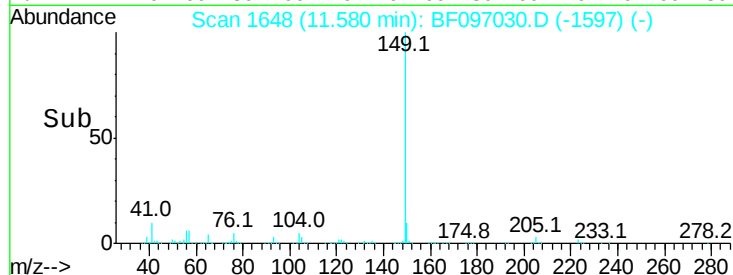
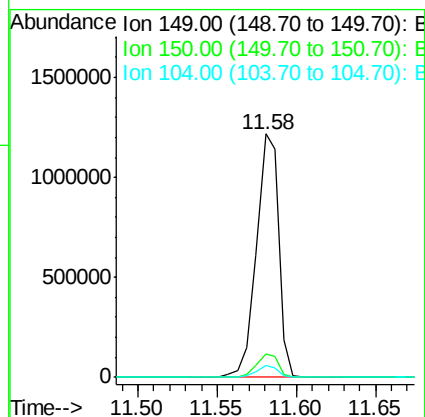
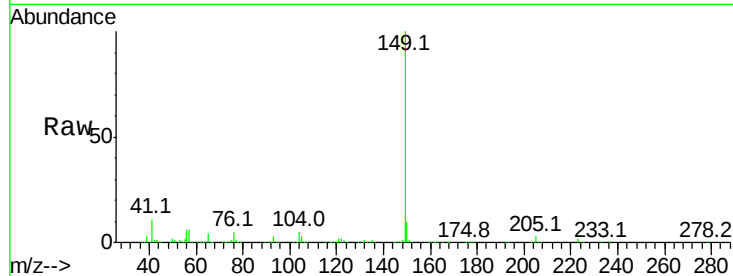
ClientSampleId :

PB100892BS

Tot Ion:	149	Resp:	1192141
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.8	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 36.185 ng

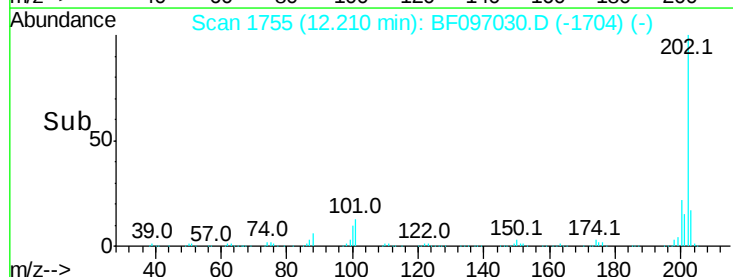
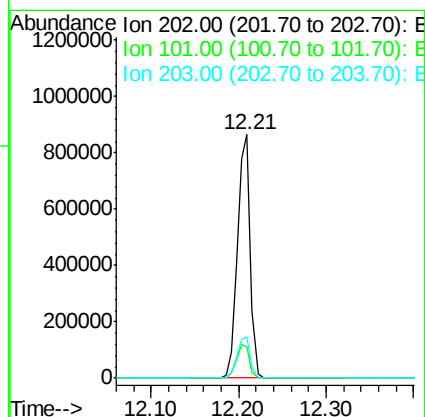
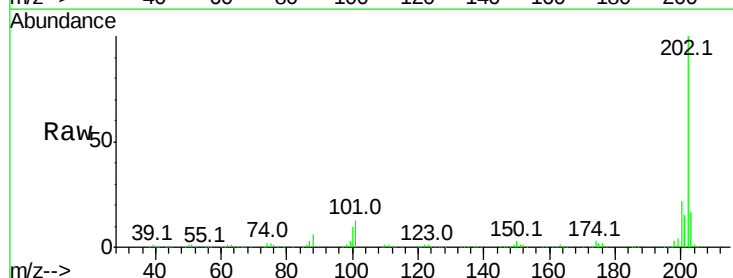
RT: 12.21 min Scan# 1755

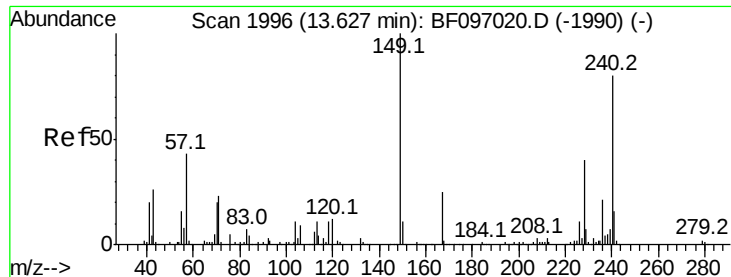
Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Tgt Ion:	202	Resp:	857376
Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.63 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

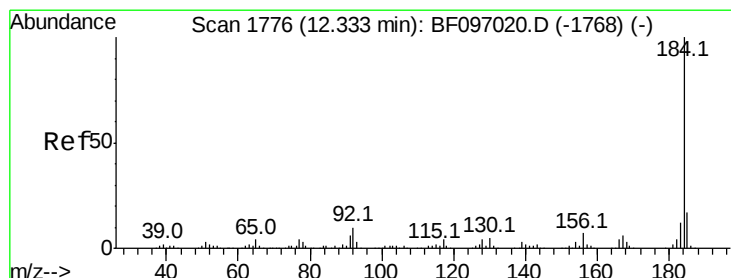
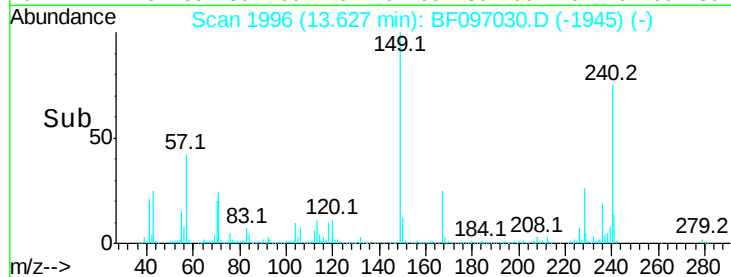
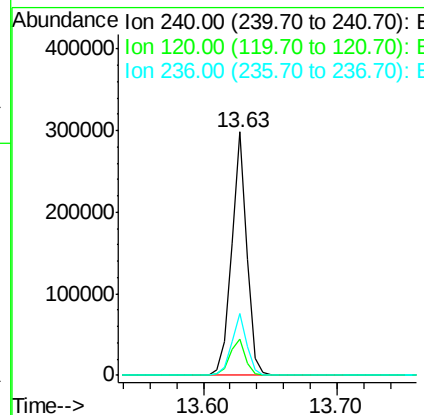
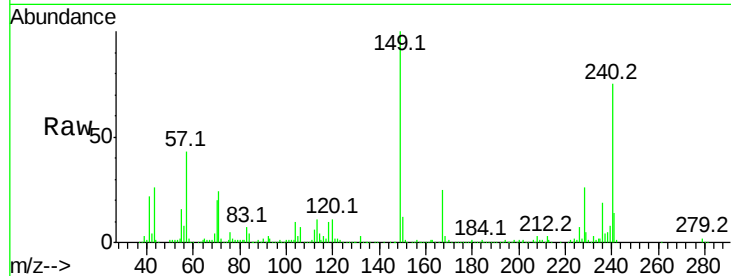
ClientSampleId :

PB100892BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	240071		
120	14.8	5.8	8.8#	
236	25.6	20.5	30.7	

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#76

Benzidine

Concen: 23.761 ng

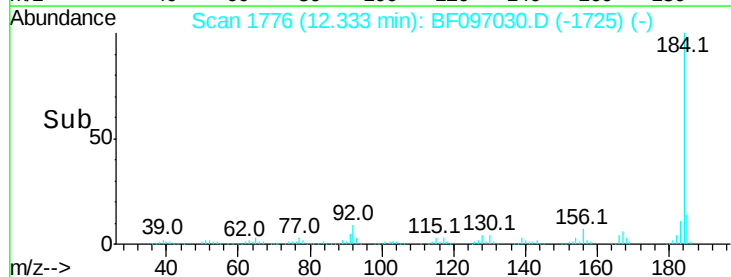
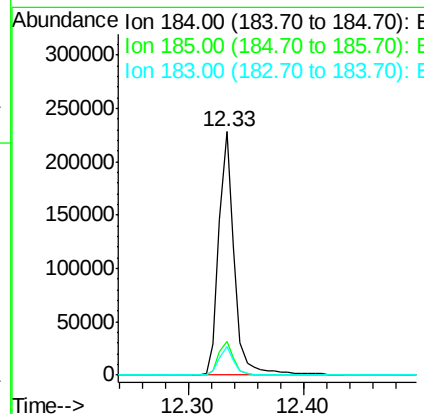
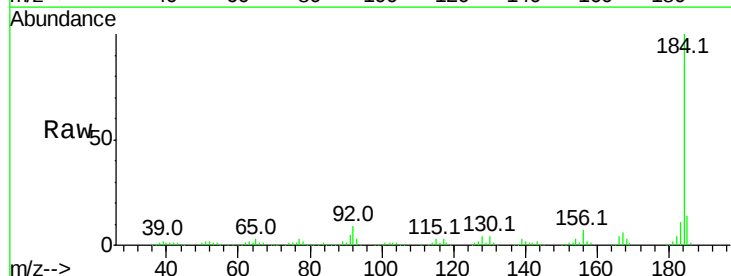
RT: 12.33 min Scan# 1776

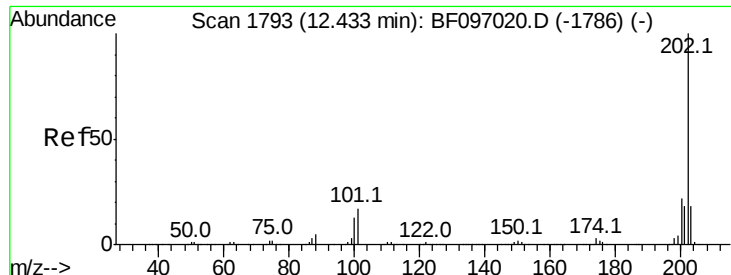
Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	211655		
185	13.9	15.5	23.3#	
183	11.5	9.8	14.6	





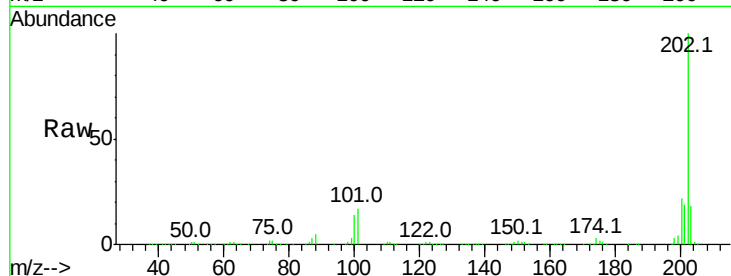
#77
Pvrene
Concen: 43.844 ng
RT: 12.43 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	861708		
200	22.4		17.6	26.4
203	17.8		14.4	21.6

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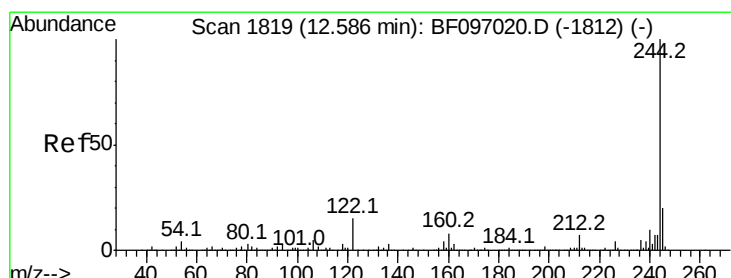
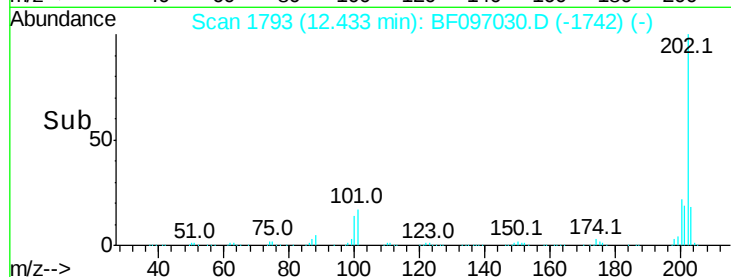
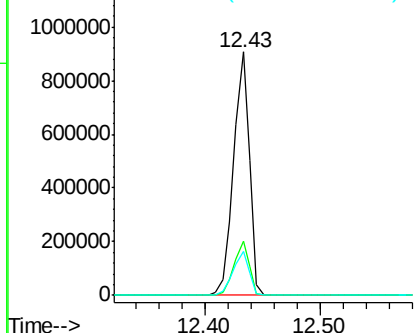


Abundance

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: 78.224 ng
RT: 12.59 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

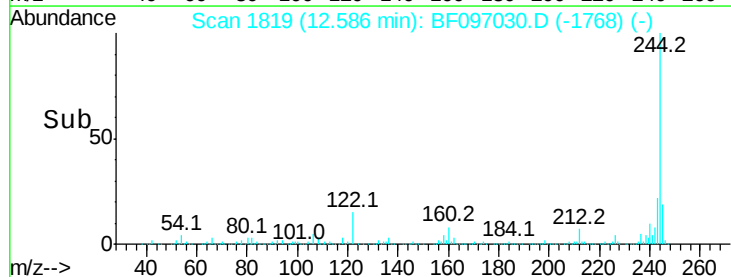
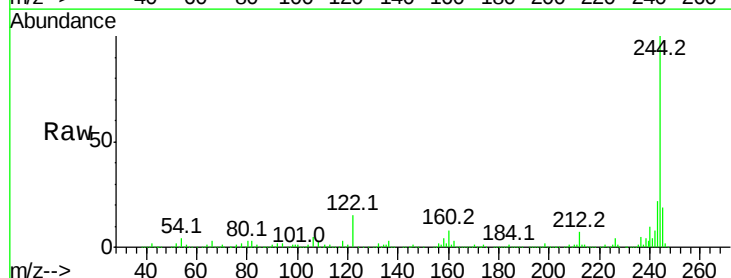
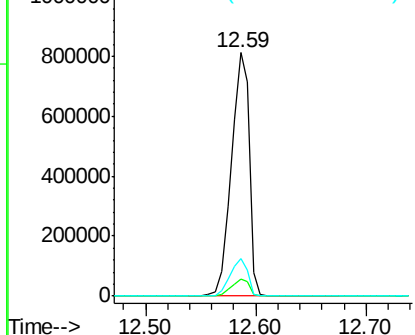
Tgt Ion	Ratio	Resp	Lower	Upper
244	100	921077		
212	7.2		6.0	9.0
122	15.3		10.3	15.5

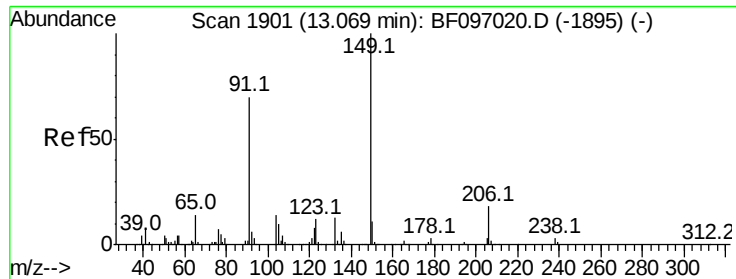
Abundance

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





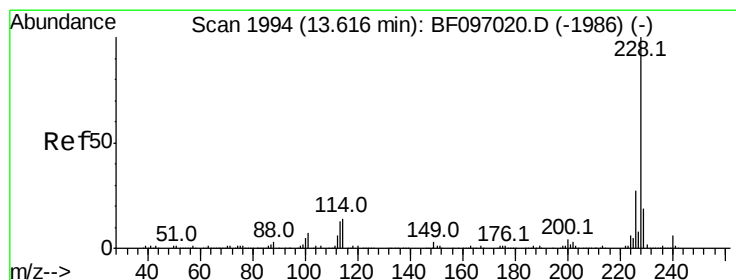
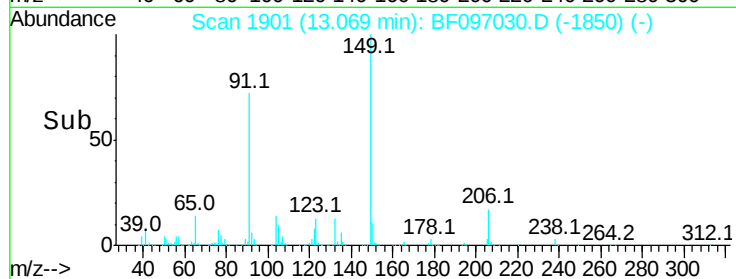
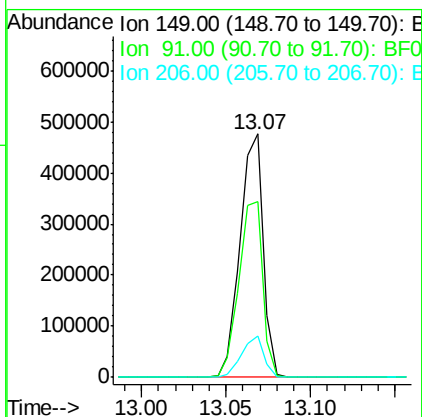
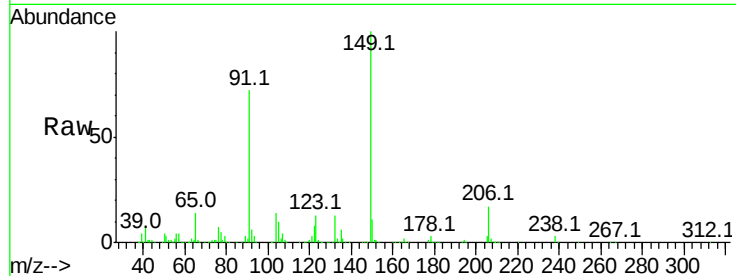
#79
Butylbenzylphthalate
Concen: 45.632 ng
RT: 13.07 min Scan# 1901
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampleId :
PB100892BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.1	45.0	67.4#
206	17.2	17.0	25.6

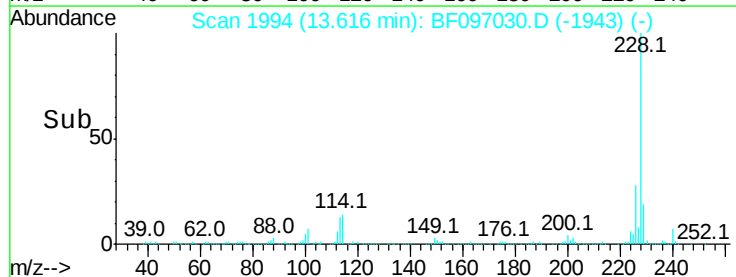
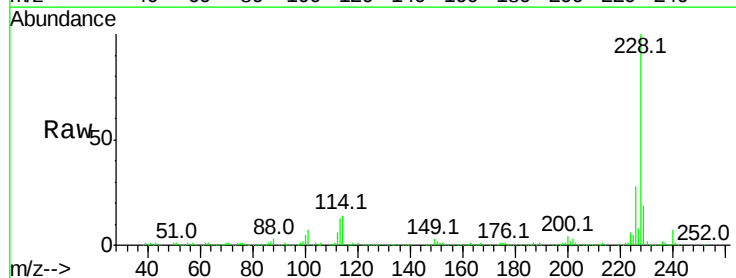
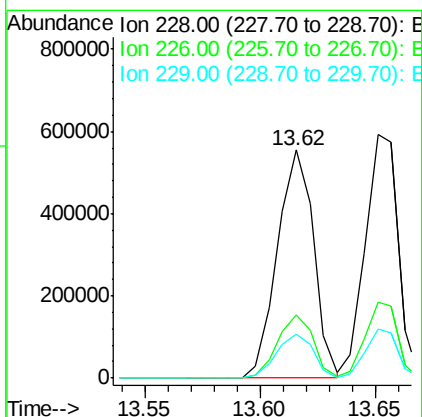
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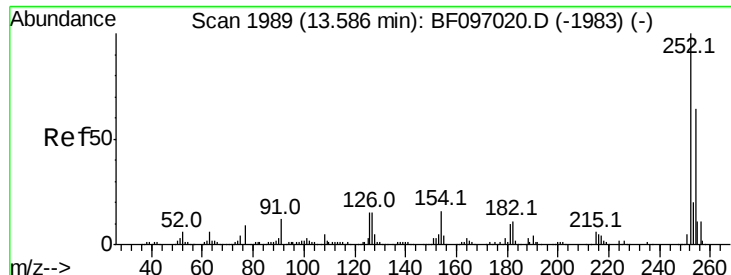
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#80
Benzo(a)anthracene
Concen: 38.681 ng
RT: 13.62 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.2	16.3	24.5





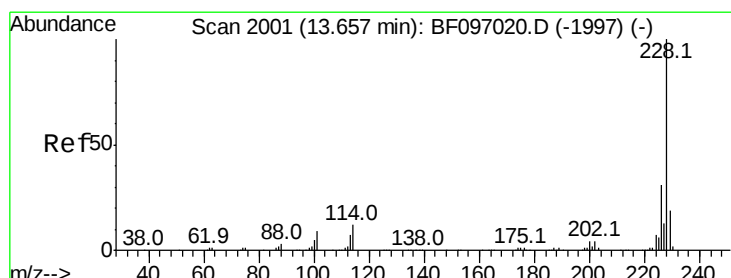
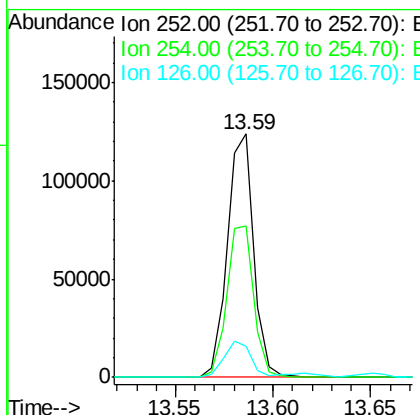
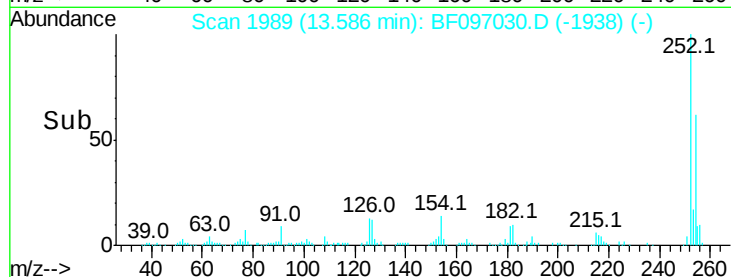
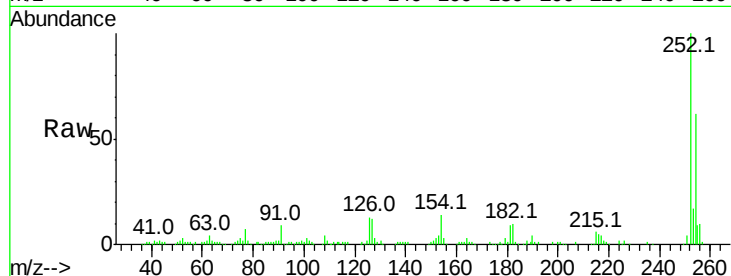
#81
 3,3'-Dichlorobenzidine
 Concen: 19.713 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.4	51.5	77.3
126	12.8	15.8	23.8

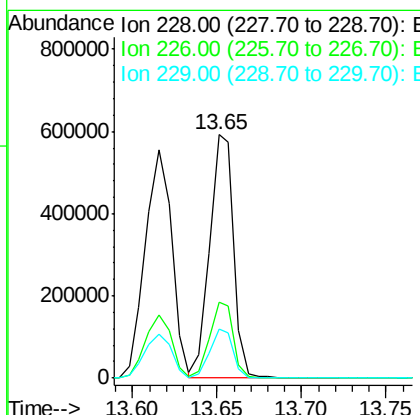
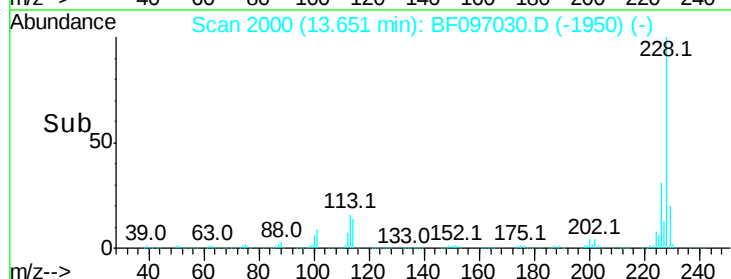
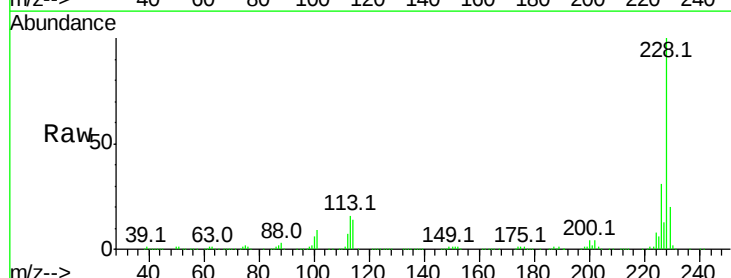
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#82
 Chrysene
 Concen: 38.684 ng
 RT: 13.65 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.3	15.8	23.6





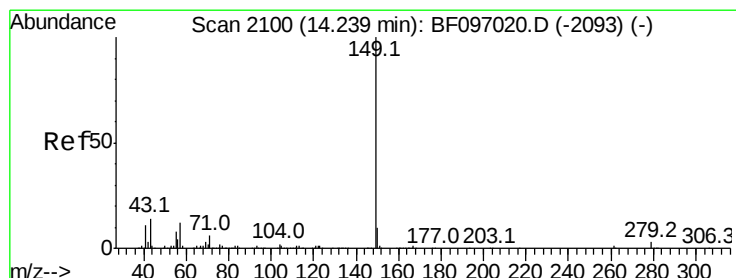
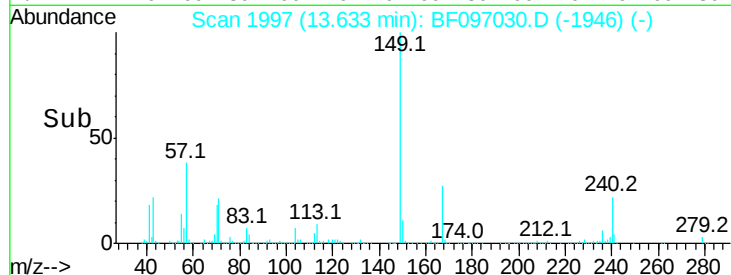
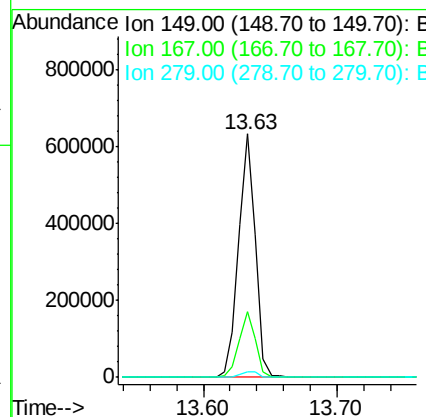
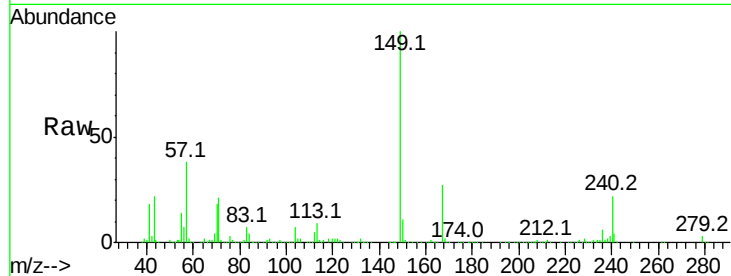
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.213 ng
 RT: 13.63 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.7	21.0	31.4	
279	2.5	1.9	2.9	

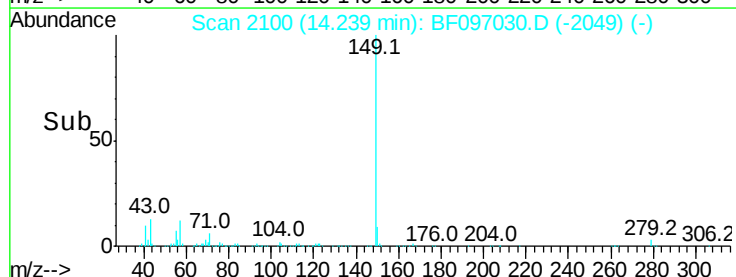
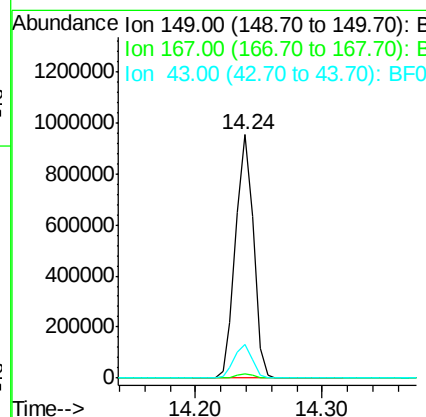
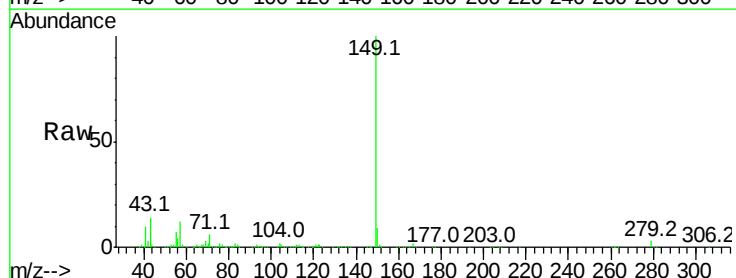
Manual Integrations
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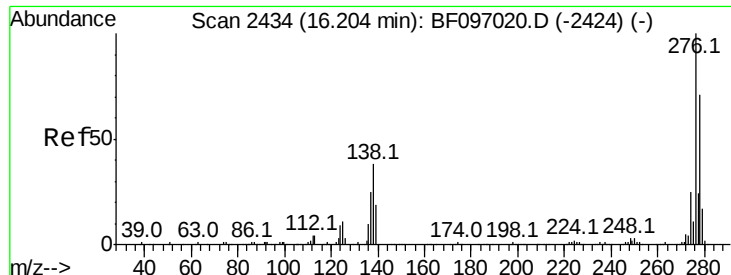
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#84
 Di-n-octyl phthalate
 Concen: 38.697 ng
 RT: 14.24 min Scan# 2100
 Delta R.T. 0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	13.5	8.5	12.7	





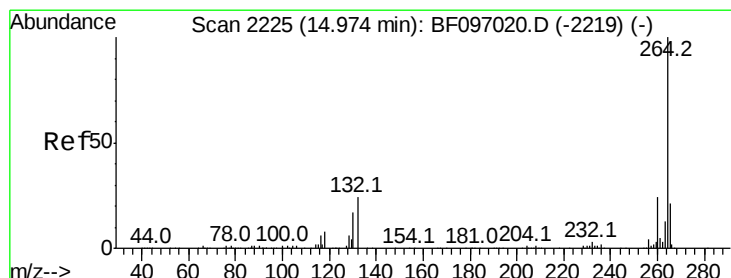
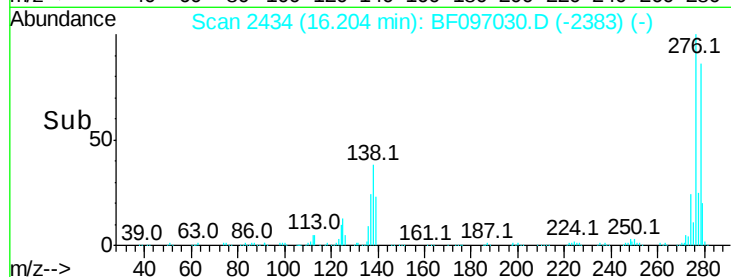
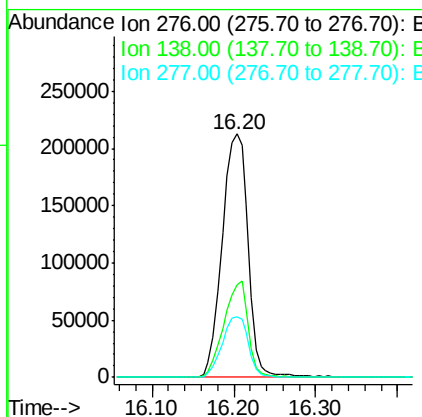
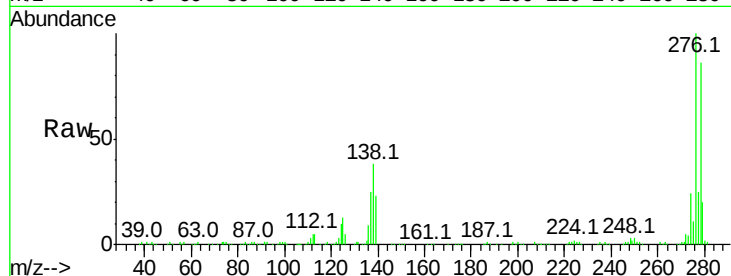
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.209 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampled :
 PB100892BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.4	27.8	41.6
277	25.2	20.2	30.4

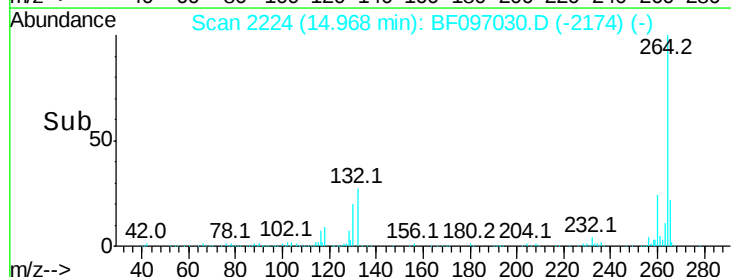
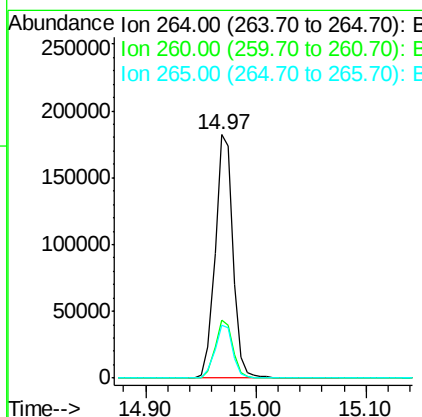
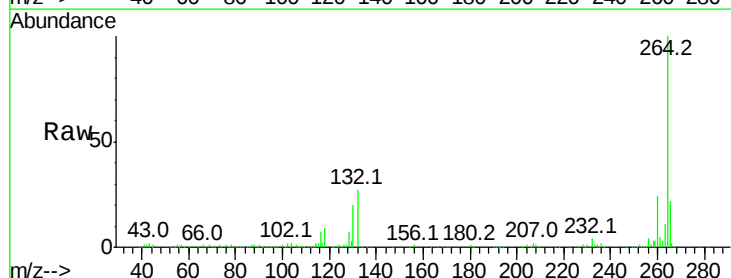
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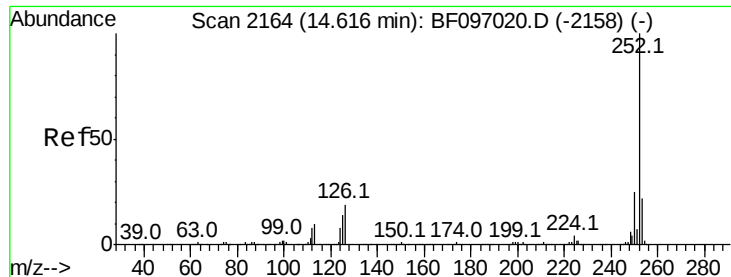
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.9	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.529 ng

RT: 14.62 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Instrument :

BNA_F

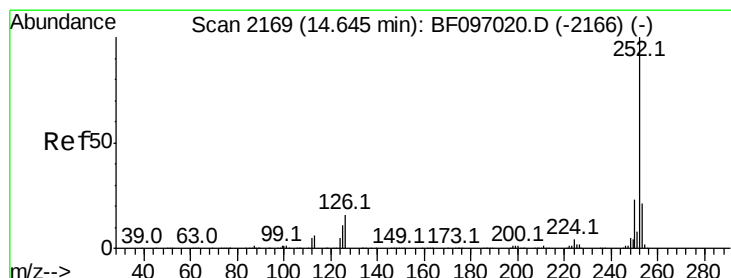
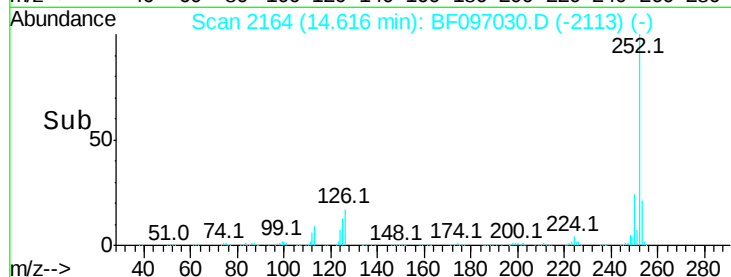
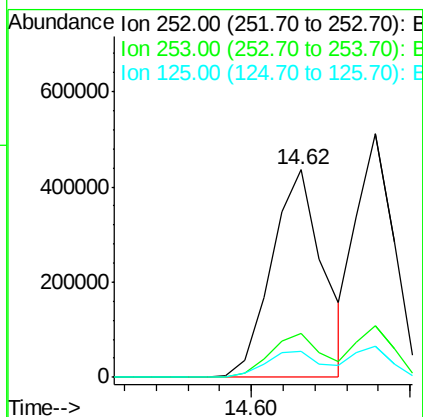
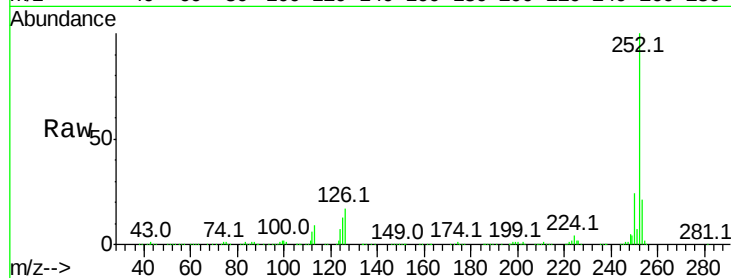
ClientSampleId :

PB100892BS

Tot Ion:	252	Resp:	492671
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.1	27.1
125	12.7	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 36.806 ng

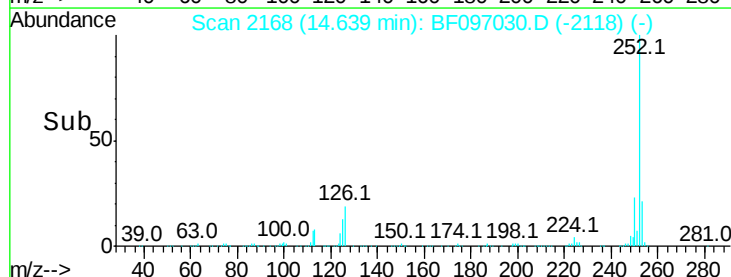
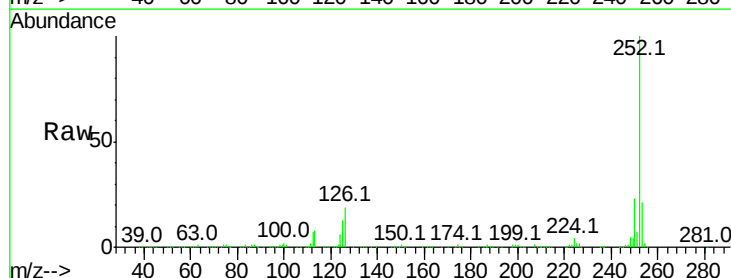
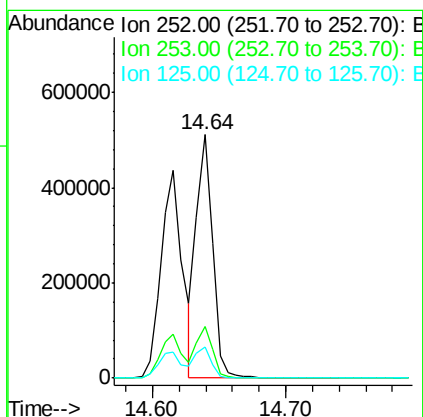
RT: 14.64 min Scan# 2168

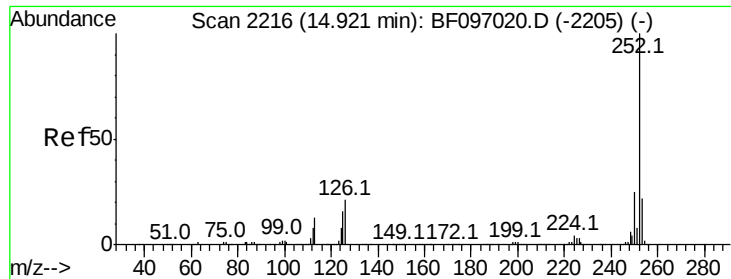
Delta R.T. -0.01 min

Lab File: BF097030.D

Acq: 25 Jul 2017 15:49

Tgt Ion:	252	Resp:	426347
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.4	27.6
125	12.7	13.1	19.7#





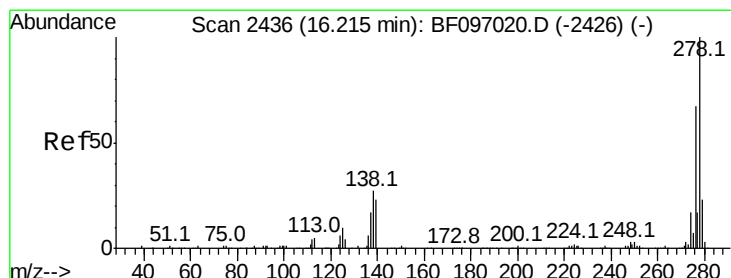
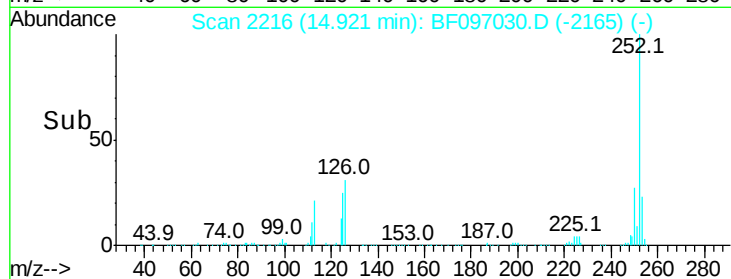
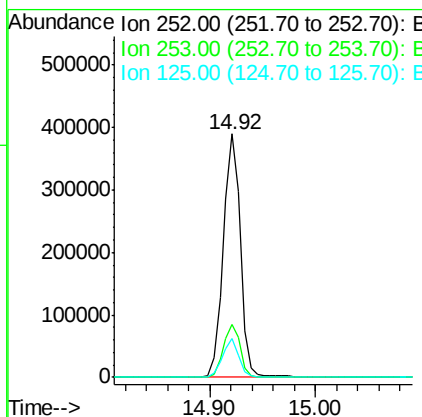
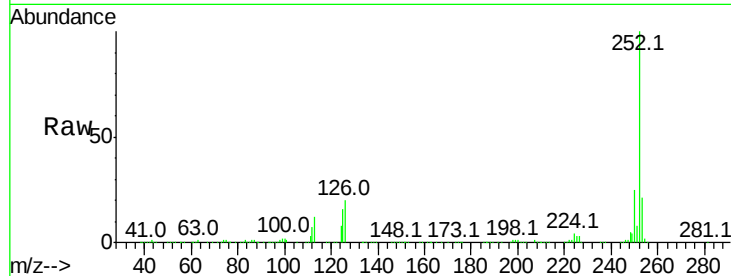
#89
Benzo(a)pyrene
Concen: 39.730 ng
RT: 14.92 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Instrument :
BNA_F
ClientSampled :
PB100892BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	15.8	11.0	16.4

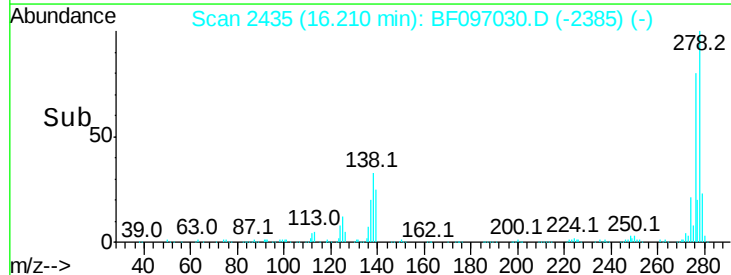
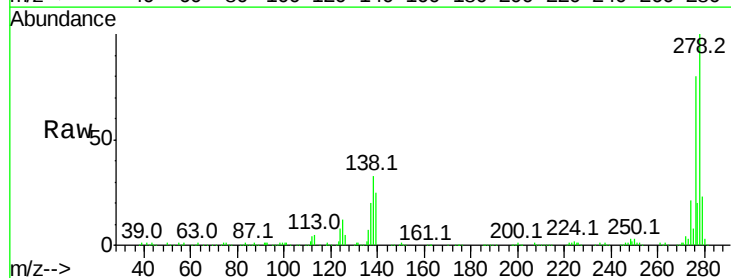
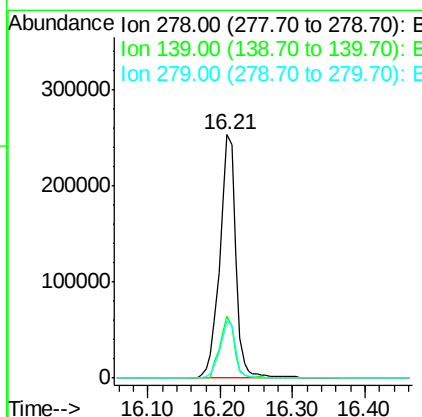
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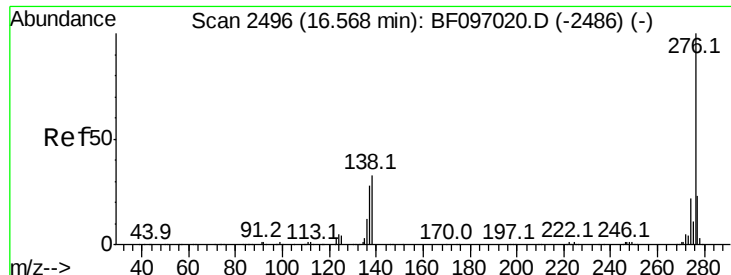
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#90
Dibenzo(a,h)anthracene
Concen: 42.810 ng
RT: 16.21 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BF097030.D
Acq: 25 Jul 2017 15:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.2	16.6	24.8#
279	23.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 44.757 ng
 RT: 16.56 min Scan# 2495
 Delta R.T. -0.01 min
 Lab File: BF097030.D
 Acq: 25 Jul 2017 15:49

Instrument :
 BNA_F
 ClientSampleId :
 PB100892BS

Tot Ion:	276	Resp:	428207
Ion Ratio	Lower	Upper	
276	100		
277	22.8	18.6	28.0
138	34.2	25.4	38.0

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