

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097082.D
 Acq On : 26 Jul 2017 18:31
 Operator : SJ/JU
 Sample : PB100971BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100971BS

Manual Integrations
 APPROVED

Sohil
 7/27/2017 12:31:28 PM

Quant Time: Jul 27 08:38:38 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	107812	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	491125	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	209505	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	389367	20.00	ng	0.00
75) Chrysene-d12	13.63	240	216709	20.00	ng	0.00
86) Perylene-d12	14.98	264	217364	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.11	112	835552	116.83	ng	0.01
7) Phenol-d6	6.17	99	958608	117.41	ng	0.00
23) Nitrobenzene-d5	7.07	82	620617	74.13	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	211921	128.03	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1080212	87.50	ng	0.00
78) Terphenyl-d14	12.59	244	904028	85.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.09	88	109240	36.603	ng	# 77
3) Pyridine	2.71	79	349366	38.229	ng	# 64
4) n-Nitrosodimethylamine	2.66	42	210888	41.654	ng	# 85
6) Aniline	6.16	93	257295	25.043	ng	# 70
8) 2-Chlorophenol	6.29	128	297084	38.848	ng	99
9) Benzaldehyde	6.04	77	92257	19.090	ng	99
10) Phenol	6.18	94	357632	36.929	ng	97
11) bis(2-Chloroethyl)ether	6.25	93	287216	37.498	ng	94
12) 1,3-Dichlorobenzene	6.43	146	321719	39.038	ng	98
13) 1,4-Dichlorobenzene	6.52	146	321115	39.318	ng	96
14) 1,2-Dichlorobenzene	6.67	146	289119	40.544	ng	97
15) Benzyl Alcohol	6.66	79	233905	45.250	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.79	45	581179	37.830	ng	50
17) 2-Methylphenol	6.79	107	240558	40.758	ng	# 89
18) Hexachloroethane	7.00	117	119100	39.861	ng	# 82
19) n-Nitroso-di-n-propylamine	6.93	70	205870	38.307	ng	# 83
20) 3+4-Methylphenols	6.94	107	320725	41.607	ng	# 63
22) Acetophenone	6.92	105	406505	34.467	ng	97
24) Nitrobenzene	7.09	77	311006	35.670	ng	93
25) Isophorone	7.33	82	650017	39.647	ng	97
26) 2-Nitrophenol	7.40	139	193207	40.958	ng	# 89
27) 2,4-Dimethylphenol	7.46	122	319094	41.007	ng	96
28) bis(2-Chloroethoxy)methane	7.55	93	436676	40.814	ng	98
29) 2,4-Dichlorophenol	7.66	162	283713	42.323	ng	96
30) 1,2,4-Trichlorobenzene	7.73	180	255933	40.054	ng	96
31) Naphthalene	7.80	128	938390	40.533	ng	100
32) Benzoic acid	7.63	122	222983	38.376	ng	94
33) 4-Chloroaniline	7.86	127	189741	20.142	ng	96
34) Hexachlorobutadiene	7.93	225	124721	36.819	ng	99
35) Caprolactam	8.25	113	93471m	43.484	ng	
36) 4-Chloro-3-methylphenol	8.37	107	281285	38.462	ng	86
37) 2-Methylnaphthalene	8.49	142	593285	40.475	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	207535	37.125	ng	99
40) Hexachlorocyclopentadiene	8.65	237	165026	84.057	ng	99

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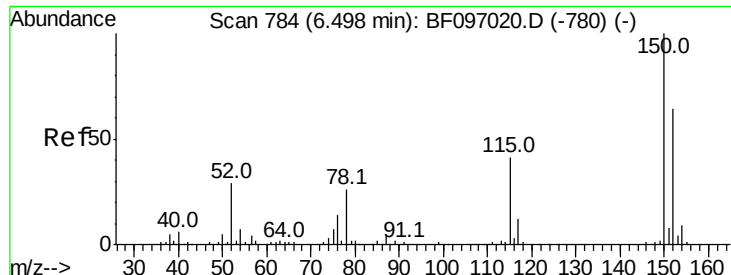
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	162788	40.184	nq	99
43) 2,4,5-Trichlorophenol	8.83	196	170121	41.956	nq	96
45) 1,1'-Biphenyl	8.96	154	671857	37.545	nq	98
46) 2-Chloronaphthalene	8.98	162	523171	39.729	nq	93
47) 2-Nitroaniline	9.09	65	206573	43.225	nq	94
48) Acenaphthylene	9.39	152	821492	40.643	nq	99
49) Dimethylphthalate	9.27	163	658195	41.371	nq	99
50) 2,6-Dinitrotoluene	9.33	165	143905	42.648	nq #	76
51) Acenaphthene	9.56	154	482052	40.489	nq	98
52) 3-Nitroaniline	9.50	138	115965	27.688	nq #	89
53) 2,4-Dinitrophenol	9.62	184	127271	82.955	nq #	73
54) Dibenzofuran	9.73	168	715915	45.144	nq	97
55) 4-Nitrophenol	9.69	139	216308	86.845	nq #	58
56) 2,4-Dinitrotoluene	9.74	165	175082	45.136	nq #	71
57) Fluorene	10.07	166	535391	44.919	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.86	232	133958	47.848	nq	96
59) Diethylphthalate	9.97	149	654458	44.839	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	222192	45.144	nq	99
61) 4-Nitroaniline	10.12	138	167356	42.053	nq	94
62) Azobenzene	10.23	77	670046	49.485	nq	92
64) 4,6-Dinitro-2-methylphenol	10.15	198	91464	37.803	nq #	76
65) n-Nitrosodiphenylamine	10.20	169	503812	37.188	nq	97
66) 4-Bromophenyl-phenylether	10.56	248	154788	39.835	nq	98
67) Hexachlorobenzene	10.62	284	158553	36.386	nq #	86
68) Atrazine	10.73	200	153316	39.465	nq	94
69) Pentachlorophenol	10.83	266	129515	71.836	nq	97
70) Phenanthrene	11.03	178	878645	42.116	nq	100
71) Anthracene	11.08	178	896530	41.957	nq	99
72) Carbazole	11.24	167	843266	40.128	nq	99
73) Di-n-butylphthalate	11.59	149	989885	38.107	nq	98
74) Fluoranthene	12.21	202	801273	39.205	nq	99
76) Benzidine	12.33	184	255108	31.726	nq #	91
77) Pyrene	12.43	202	785436	44.272	nq	99
79) Butylbenzylphthalate	13.07	149	398304	44.136	nq #	82
80) Benzo(a)anthracene	13.62	228	609888	43.495	nq	99
81) 3,3'-Dichlorobenzidine	13.59	252	164981	31.201	nq #	96
82) Chrysene	13.66	228	590331	43.115	nq	100
83) Bis(2-ethylhexyl)phthalate	13.63	149	506190	42.960	nq	100
84) Di-n-octyl phthalate	14.24	149	885157	40.936	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.22	276	554535	47.232	nq	98
87) Benzo(b)fluoranthene	14.62	252	550380	42.122	nq	98
88) Benzo(k)fluoranthene	14.64	252	439628	35.309	nq	97
89) Benzo(a)pyrene	14.93	252	504899	42.221	nq	97
90) Dibenzo(a,h)anthracene	16.22	278	450070	45.895	nq	95
91) Benzo(g,h,i)perylene	16.57	276	484947	47.156	nq	97

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



#1

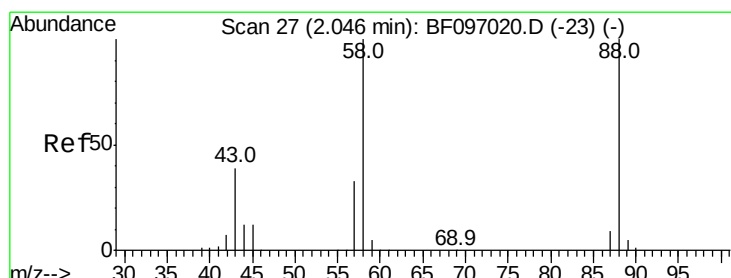
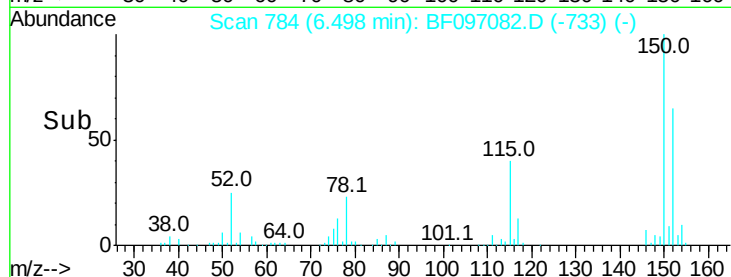
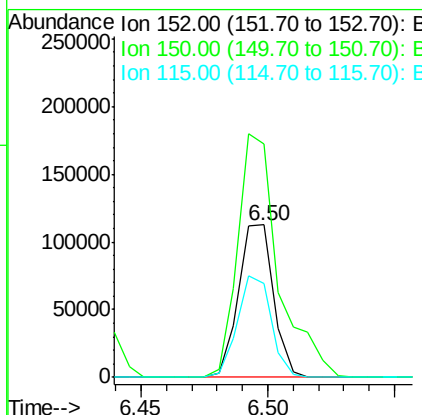
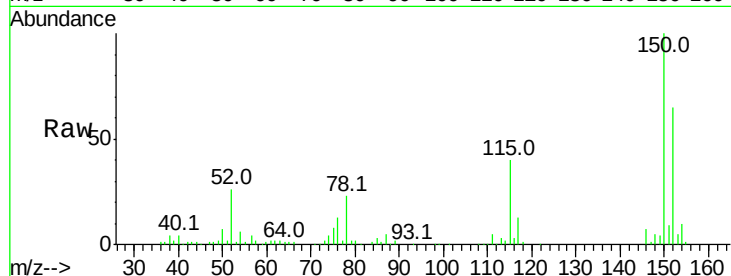
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.50 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB100971BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.2	189.2
115	61.8	52.2	78.2

Manual Integrations
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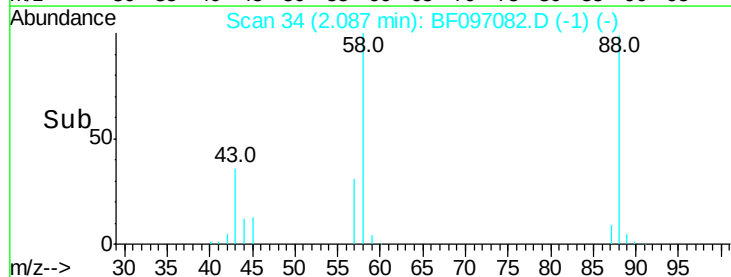
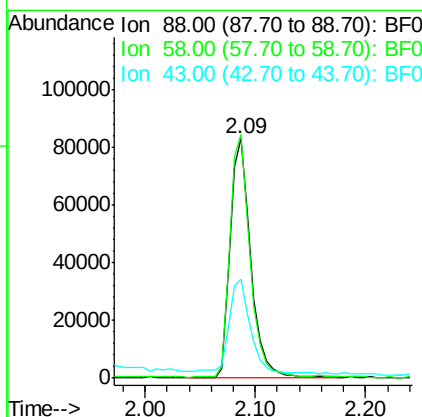
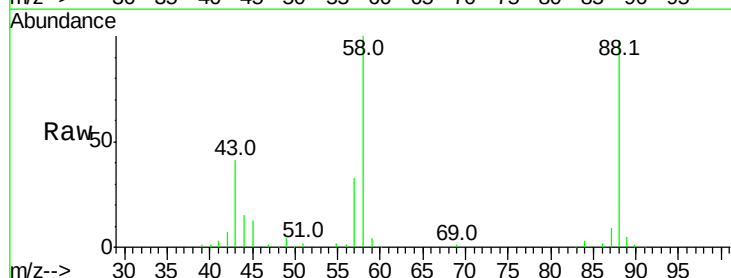
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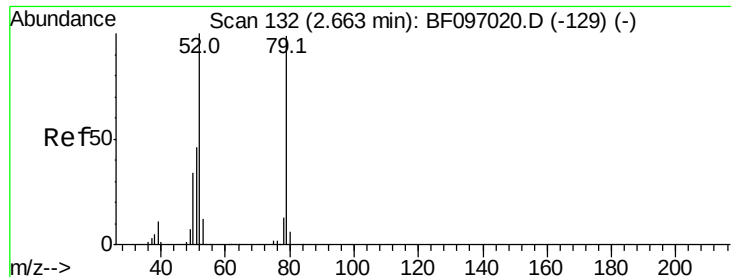


#2

1,4-Dioxane
Concen: 36.603 ng
RT: 2.09 min Scan# 34
Delta R.T. 0.04 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.6	61.4	92.0#
43	40.1	23.4	35.0#





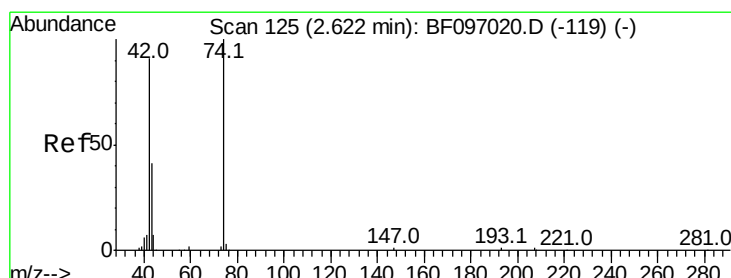
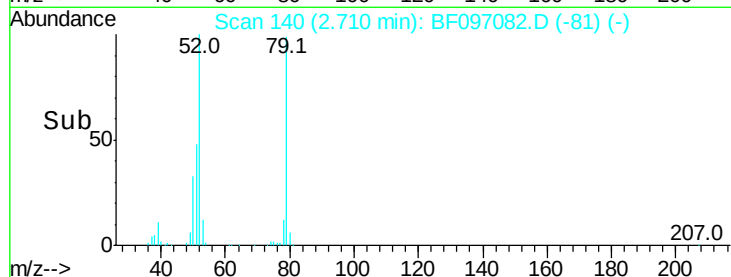
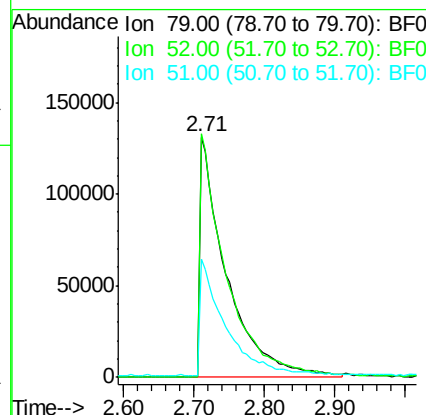
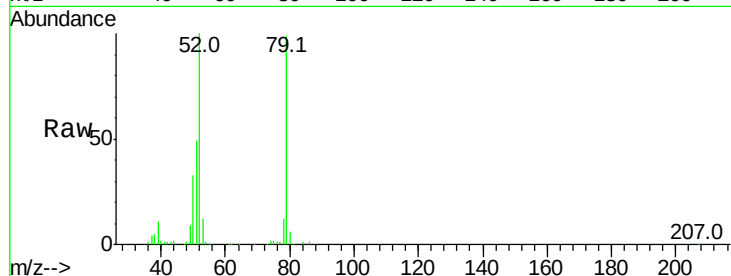
#3
 Pvrindine
 Concen: 38.229 ng
 RT: 2.71 min Scan# 140
 Delta R.T. 0.05 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB100971BS

Tot Ion: 79 Resp: 349366
 Ion Ratio Lower Upper
 79 100
 52 101.5 54.8 82.2#
 51 49.5 27.0 40.4#

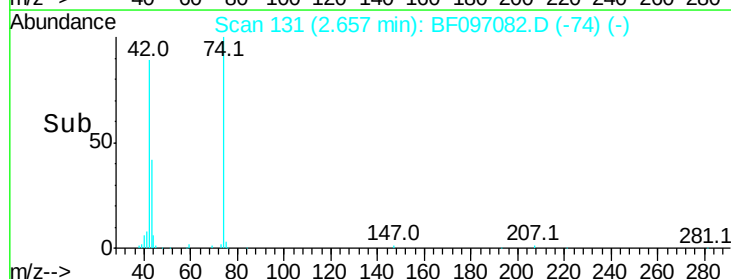
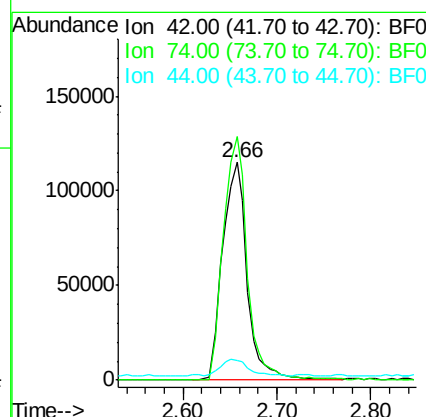
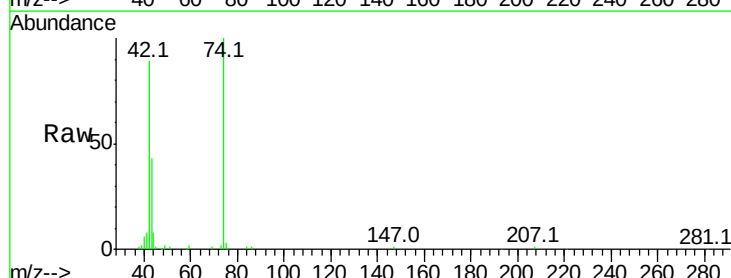
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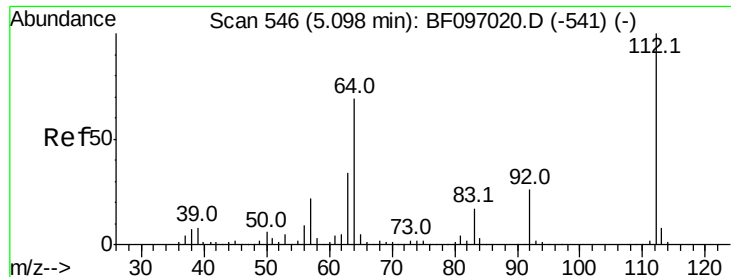
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#4
 n-Nitrosodimethylamine
 Concen: 41.654 ng
 RT: 2.66 min Scan# 131
 Delta R.T. 0.04 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion: 42 Resp: 210888
 Ion Ratio Lower Upper
 42 100
 74 111.9 103.9 155.9
 44 9.0 5.7 8.5#





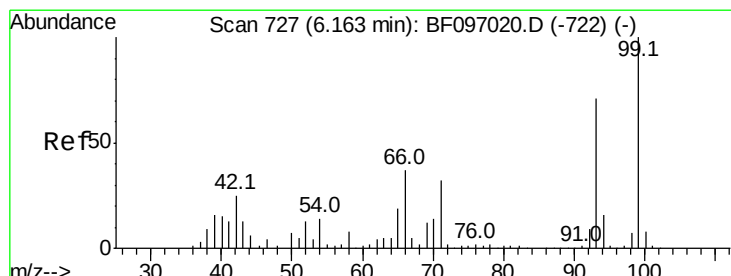
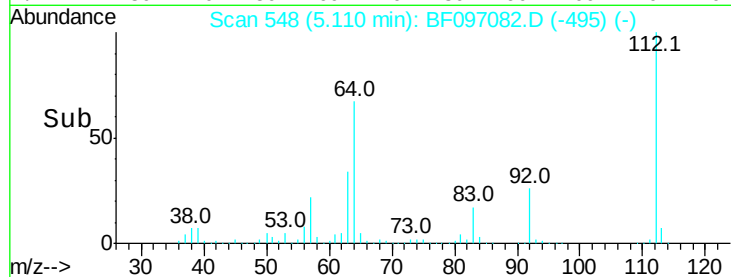
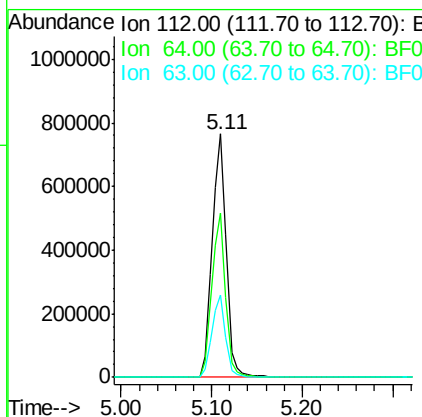
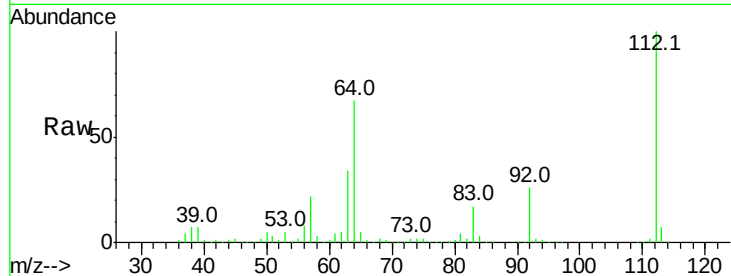
#5
 2-Fluorophenol
 Concen: 116.832 ng
 RT: 5.11 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB100971BS

Tot Ion:	112	Resp:	835552
Ion Ratio	Lower	Upper	
112	100		
64	67.3	46.0	69.0
63	34.0	23.4	35.0

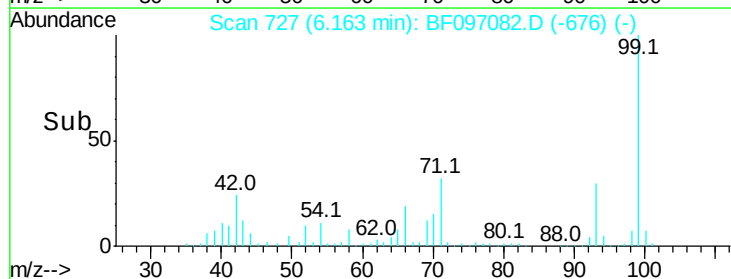
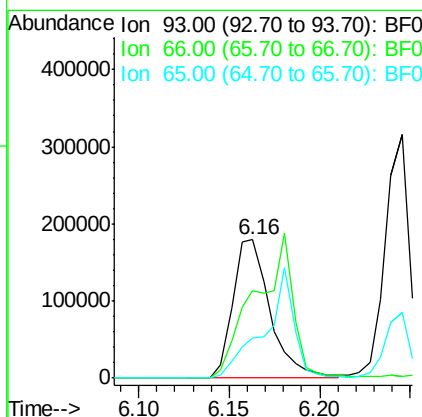
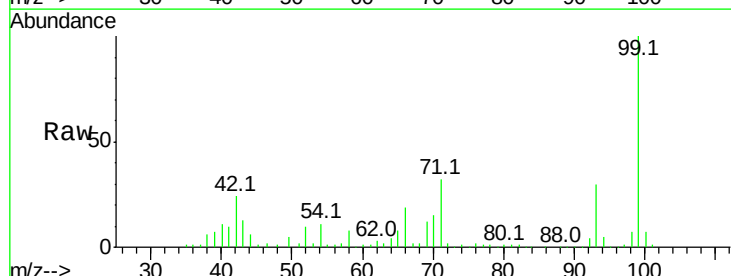
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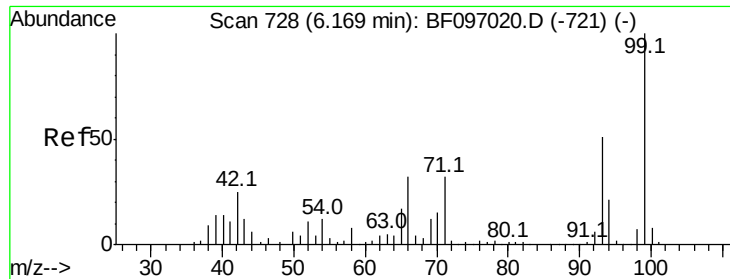
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#6
 Aniline
 Concen: 25.043 ng
 RT: 6.16 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion:	93	Resp:	257295
Ion Ratio	Lower	Upper	
93	100		
66	62.9	32.9	49.3#
65	28.5	16.0	24.0#





#7

Phenol-d6

Concen: 117.410 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

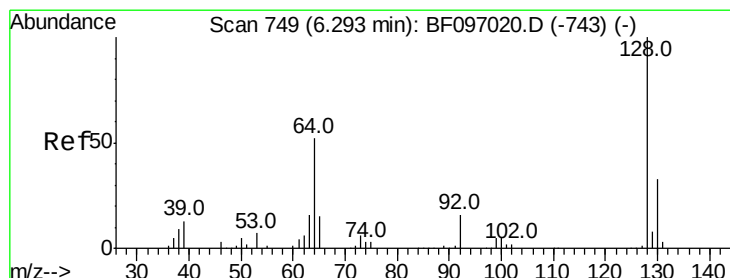
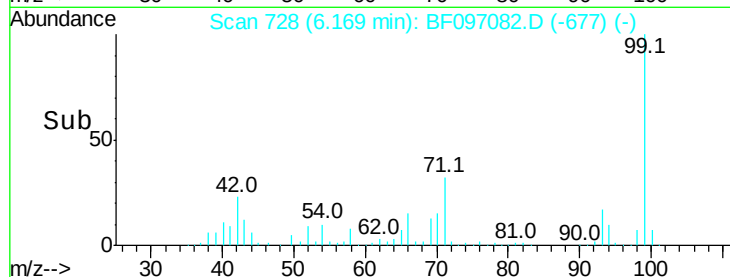
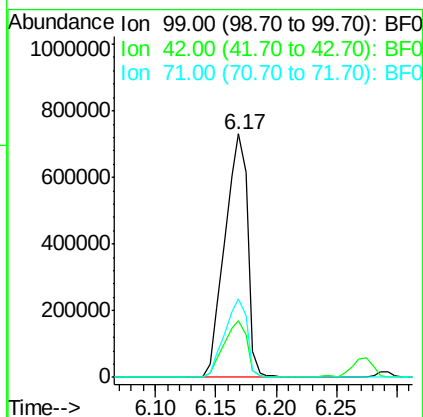
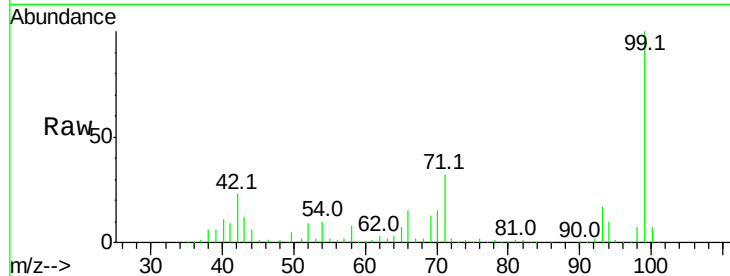
ClientSampled :

PB100971BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		958608		
42	23.2	13.5	20.3#		
71	32.5	24.5	36.7		

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#8

2-Chlorophenol

Concen: 38.848 ng

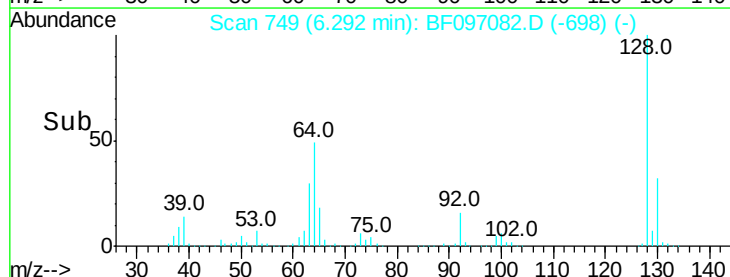
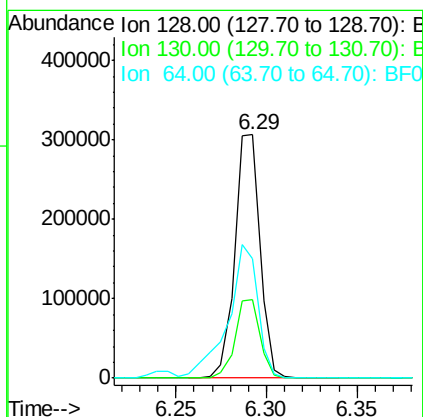
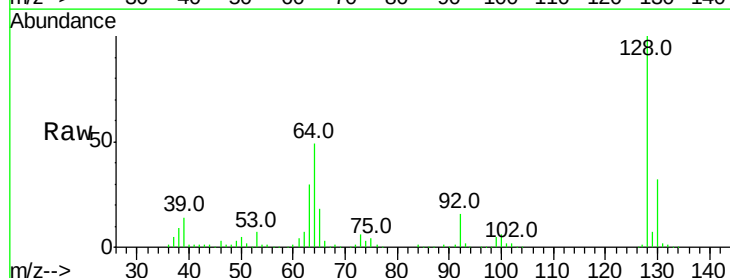
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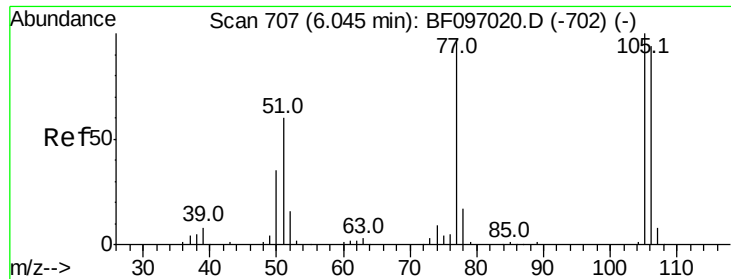
Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		297084		
130	32.3	12.9	52.9		
64	48.9	28.4	68.4		





#9

Benzaldehyde

Concen: 19.090 ng

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

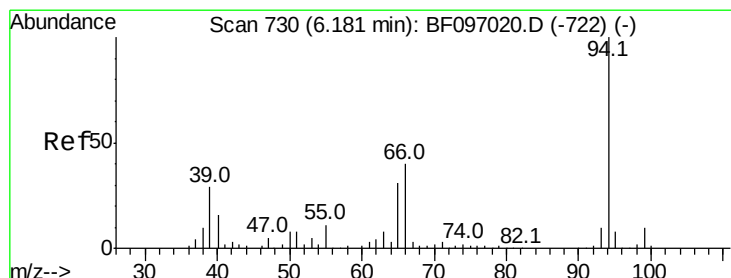
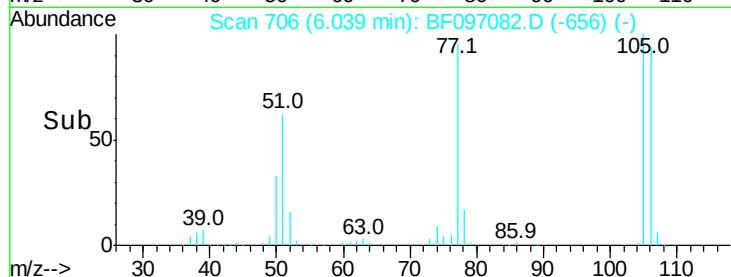
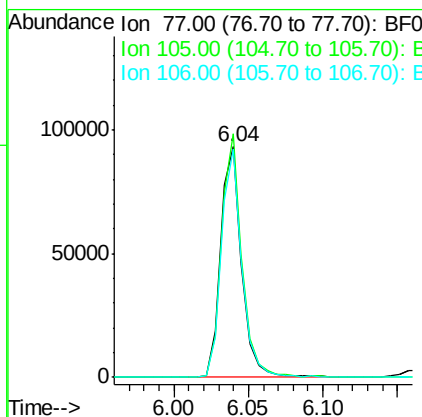
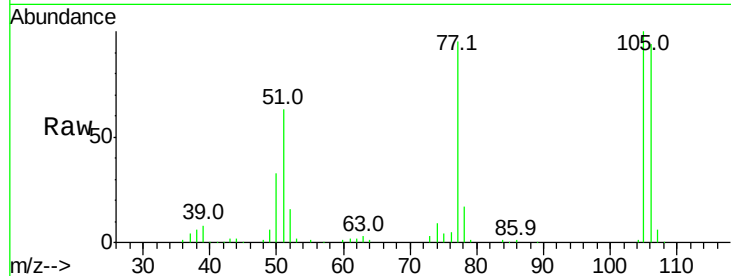
ClientSampled :

PB100971BS

Tot Ion: 77 Resp: 92257
 Ion Ratio Lower Upper
 77 100
 105 105.7 83.8 123.8
 106 99.1 79.1 119.1

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#10

Phenol

Concen: 36.929 ng

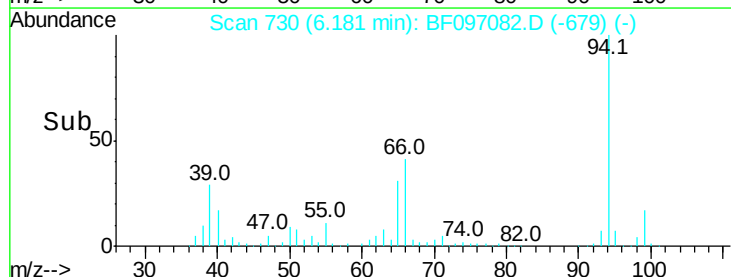
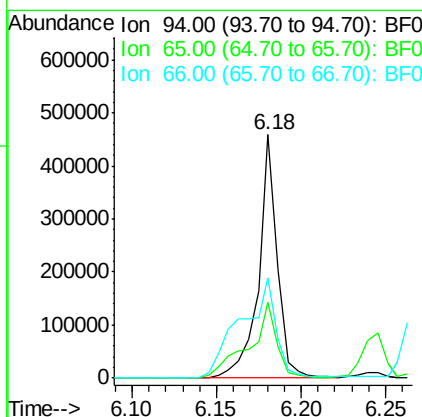
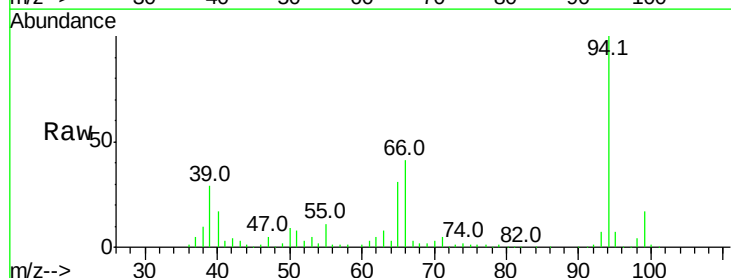
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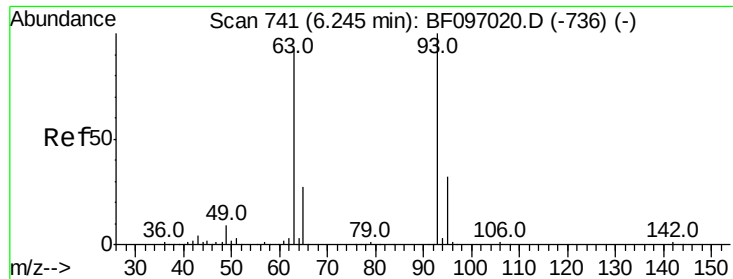
Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Tgt Ion: 94 Resp: 357632
 Ion Ratio Lower Upper
 94 100
 65 31.2 9.9 49.9
 66 40.9 23.1 63.1





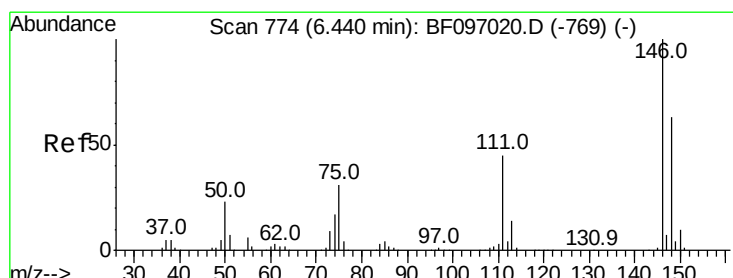
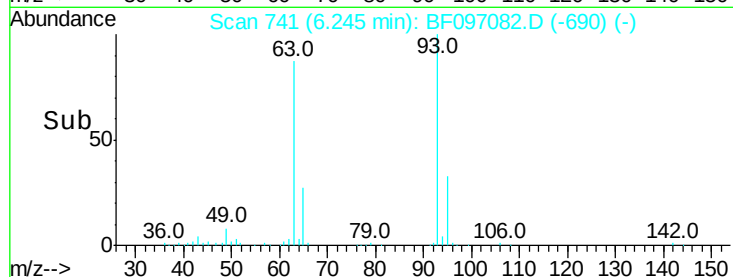
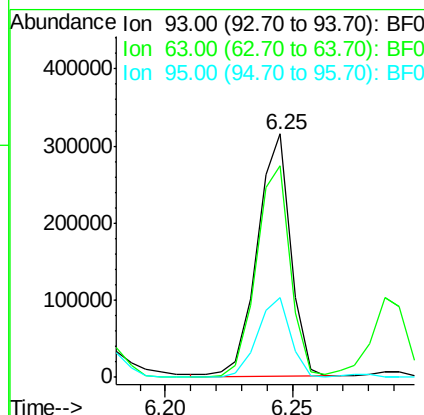
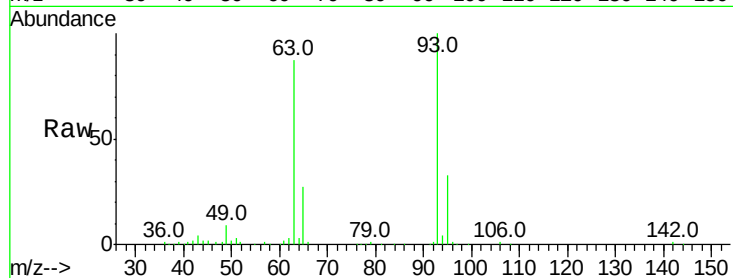
#11
bis(2-Chloroethyl)ether
Concen: 37.498 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB100971BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.1	59.2	99.2
95	32.7	12.8	52.8

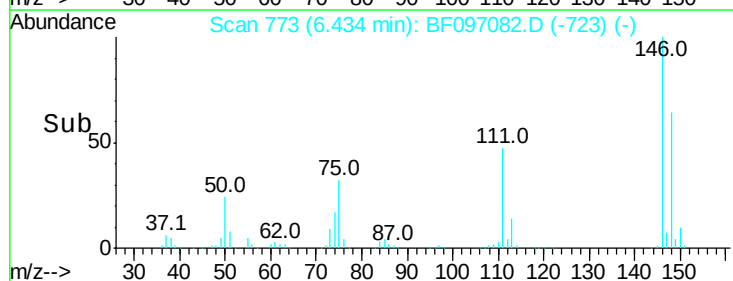
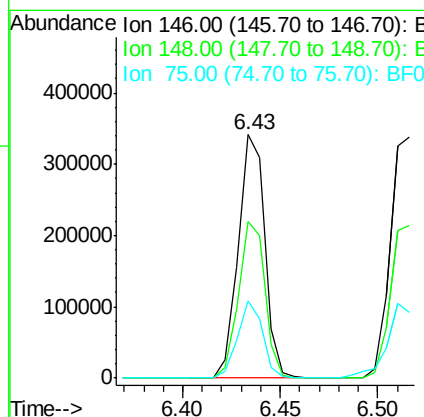
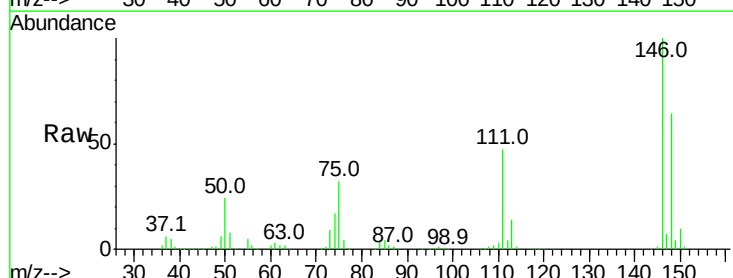
Manual Integrations
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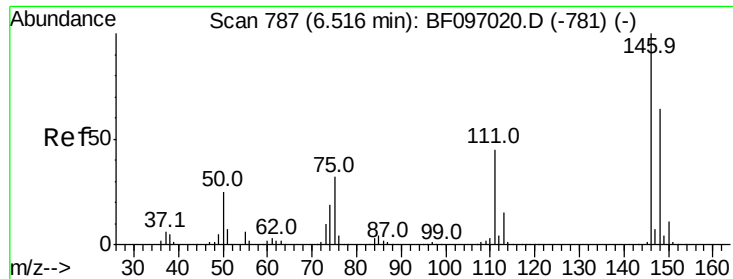
Sohil
7/27/2017 12:31:28 PM



#12
1,3-Dichlorobenzene
Concen: 39.038 ng
RT: 6.43 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
75	31.6	23.1	34.7





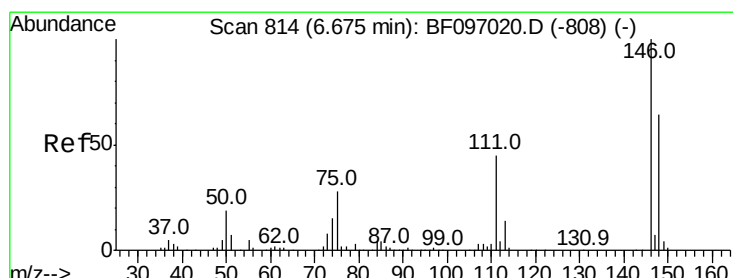
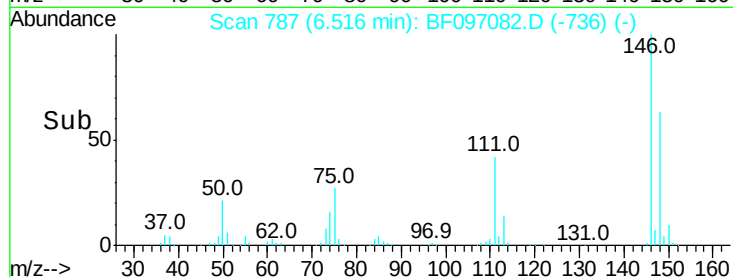
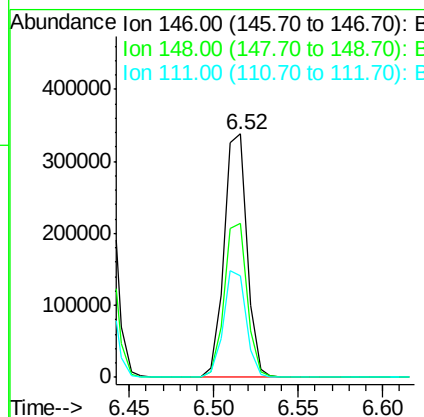
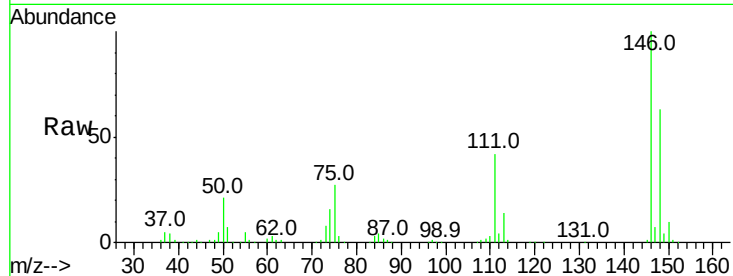
#13
 1,4-Dichlorobenzene
 Concen: 39.318 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB100971BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.2
111	41.8	30.3	45.5

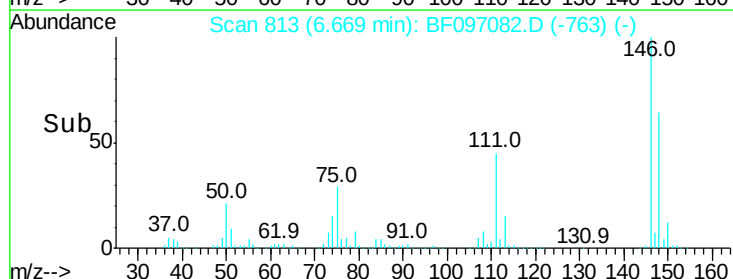
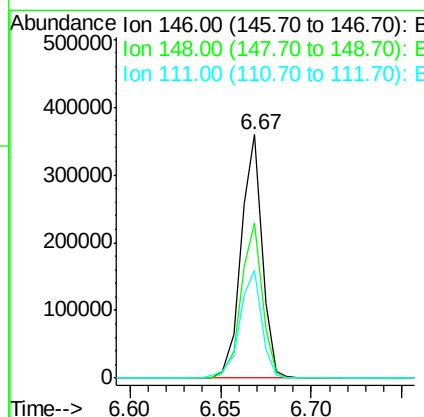
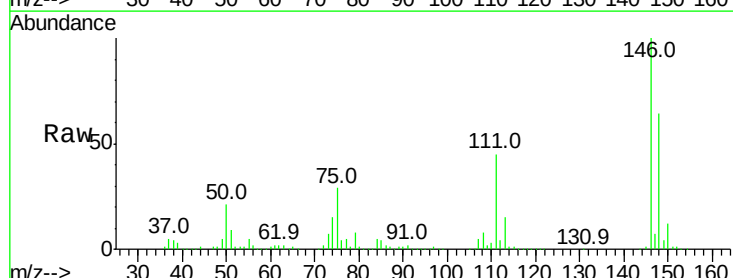
Manual Integrations
 APPROVED

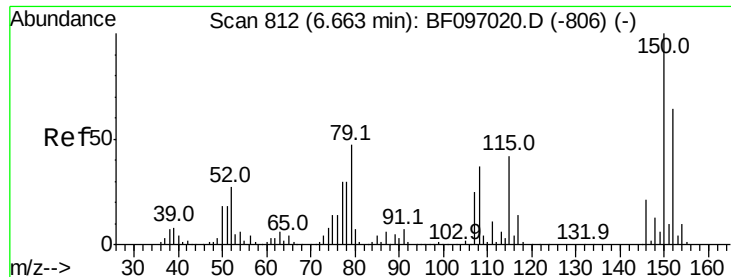
Sohil
 7/27/2017 12:31:28 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.544 ng
 RT: 6.67 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	44.5	38.2	57.4





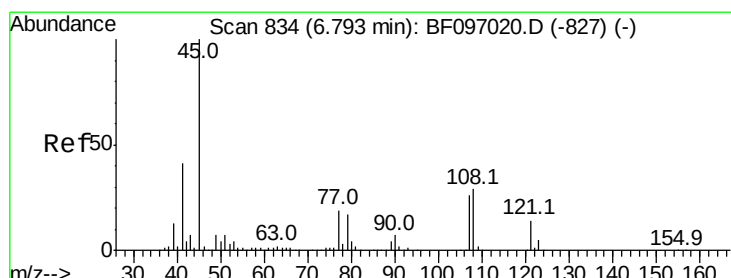
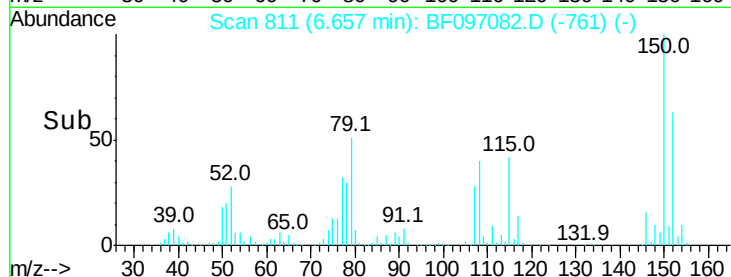
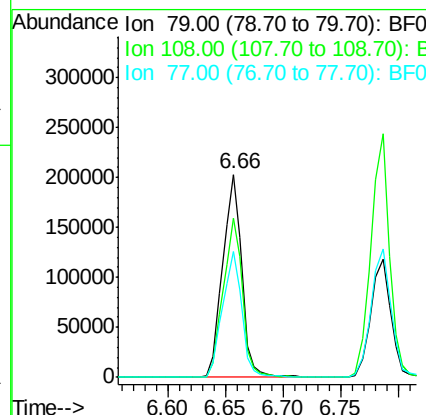
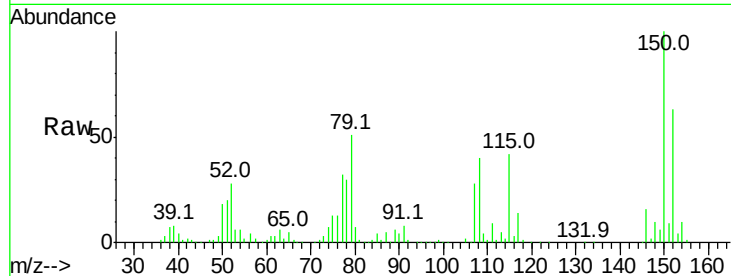
#15
Benzyl Alcohol
Concen: 45.250 ng
RT: 6.66 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampled :
PB100971BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.4	63.4	95.0
77	62.2	49.2	73.8

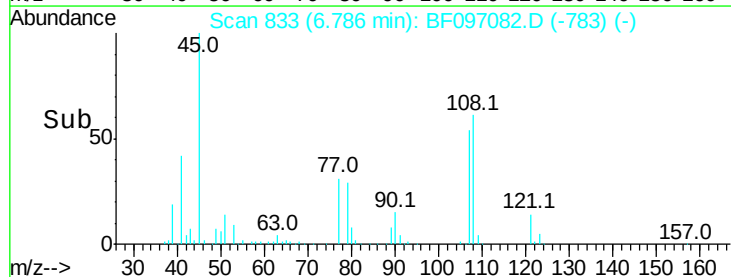
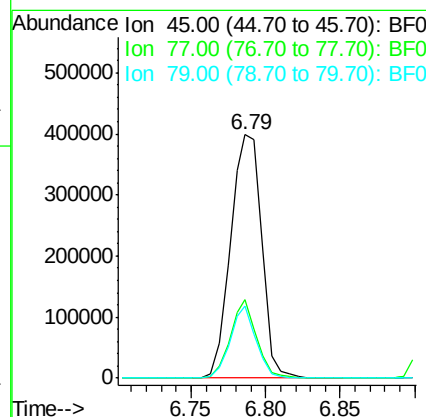
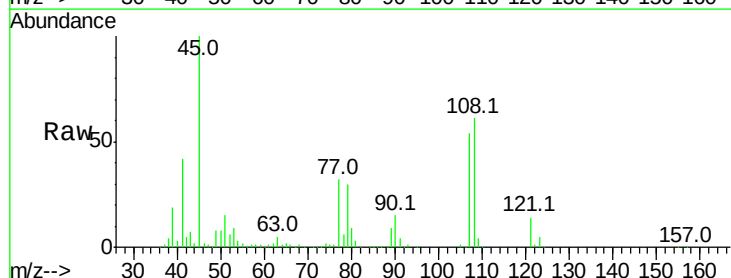
Manual Integrations
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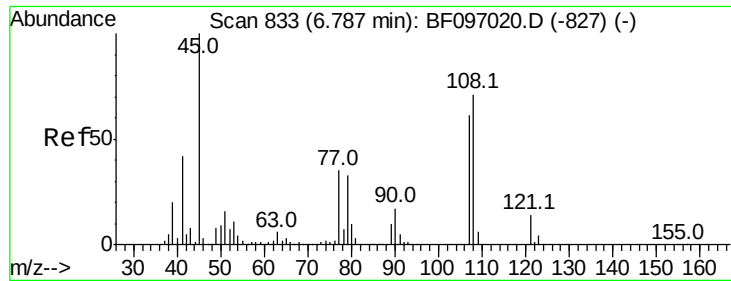
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.830 ng
RT: 6.79 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.2	0.0	33.2
79	29.7	0.0	30.0





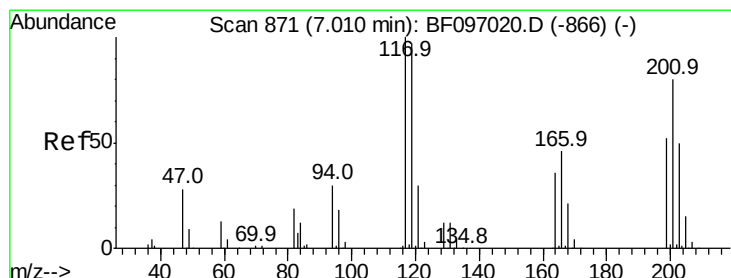
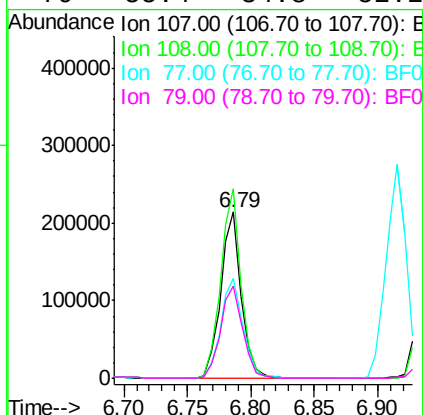
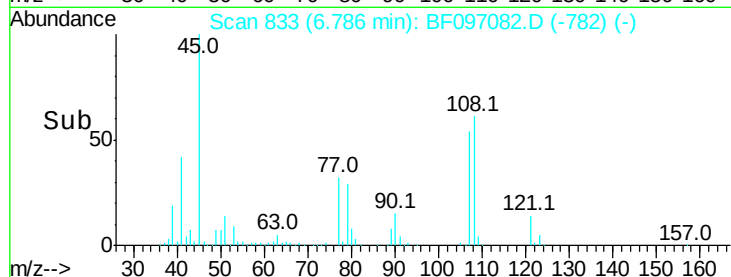
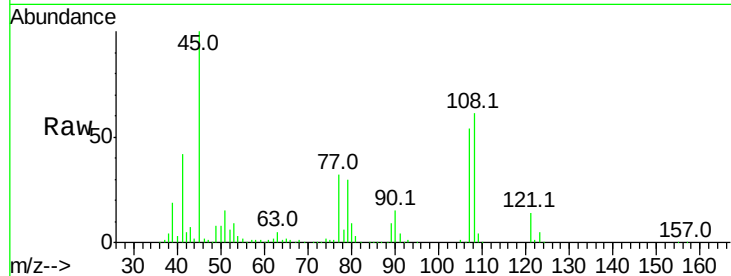
#17
2-Methylphenol
Concen: 40.758 ng
RT: 6.79 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB100971BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	240558		
108	113.9	93.4	140.0	
77	60.1	35.8	53.6#	
79	55.4	34.8	52.2#	

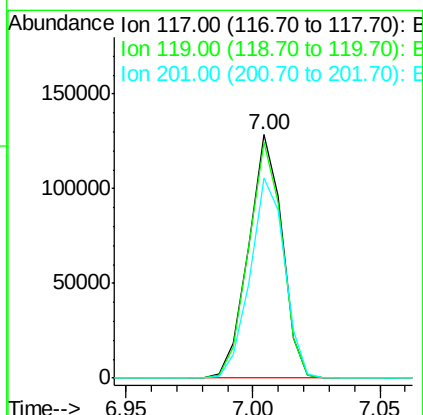
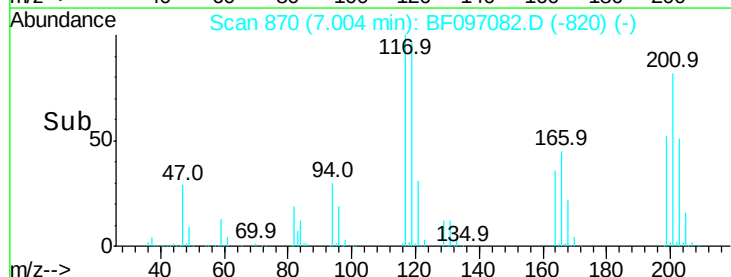
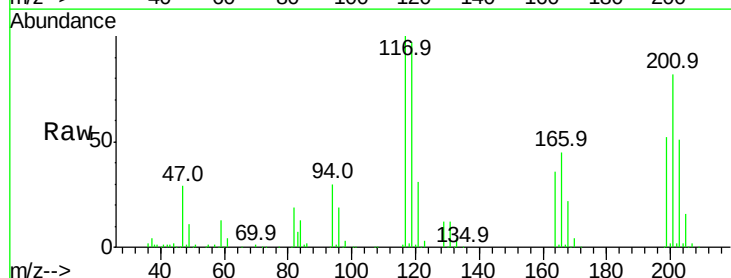
Manual Integrations
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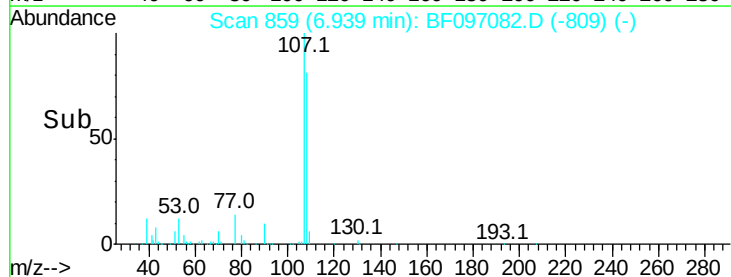
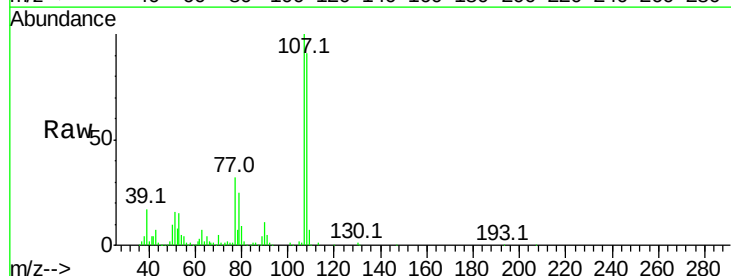
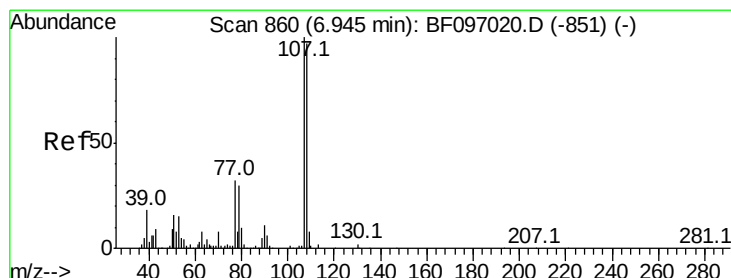
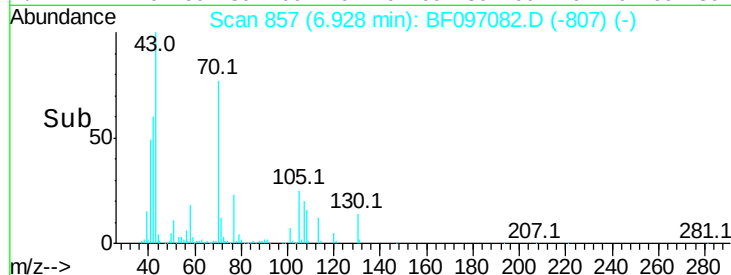
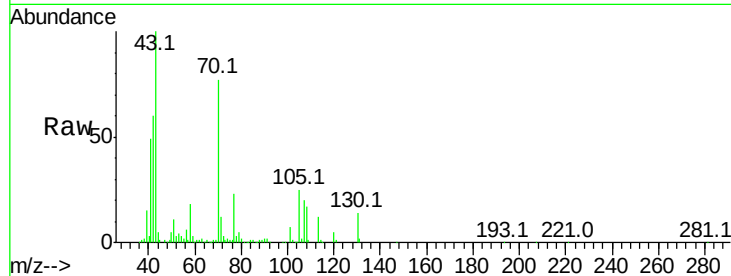
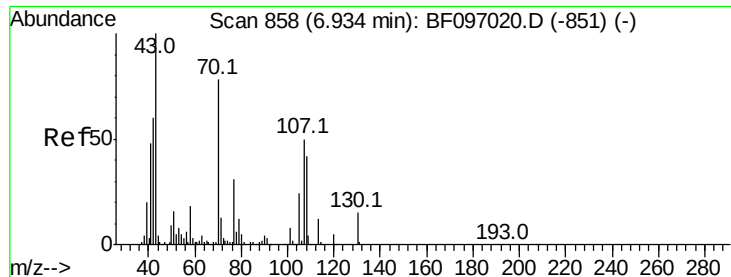
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#18
Hexachloroethane
Concen: 39.861 ng
RT: 7.00 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	119100		
119	96.7	77.4	116.0	
201	82.1	94.6	141.8#	





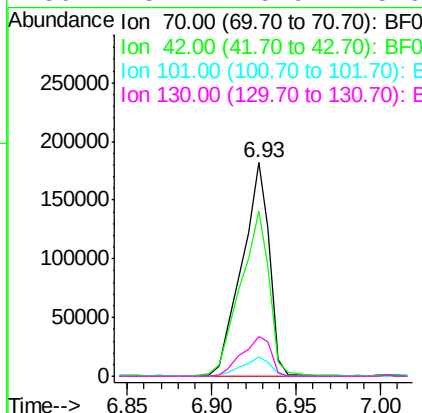
#19
n-Nitroso-di-n-propylamine
Concen: 38.307 ng
RT: 6.93 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB100971BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	77.4	47.2	70.8#	
101	9.1	7.2	10.8	
130	18.7	15.9	23.9	

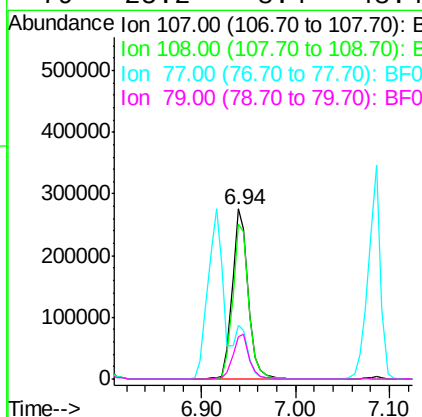
Manual Integrations
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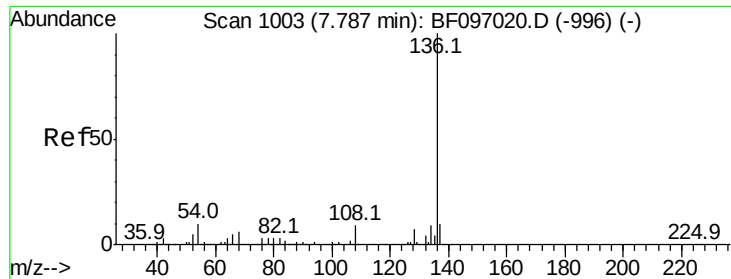
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#20
3+4-Methylphenols
Concen: 41.607 ng
RT: 6.94 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.3	71.0	111.0	
77	31.6	90.5	130.5#	
79	25.2	8.4	48.4	





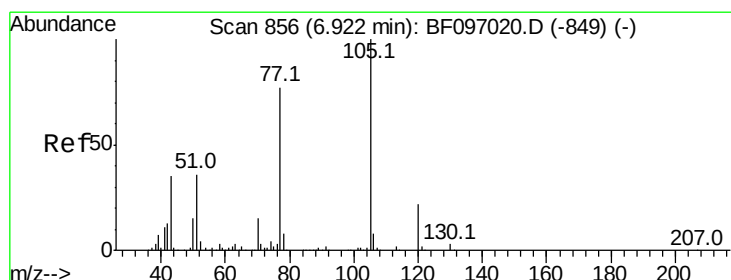
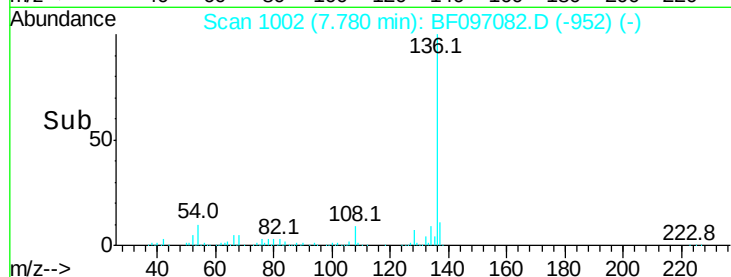
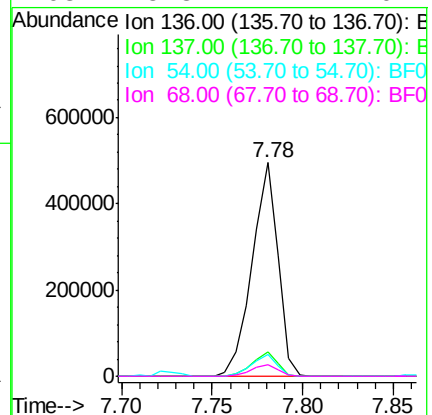
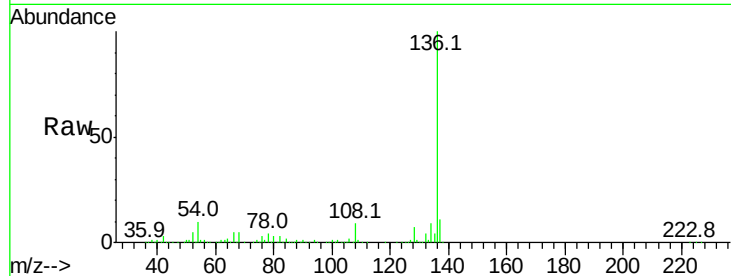
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.78 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB100971BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	491125		
137	11.1	8.5	12.7	
54	10.3	4.9	7.3#	
68	5.3	4.1	6.1	

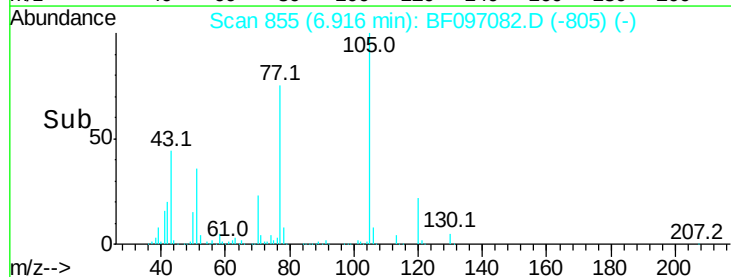
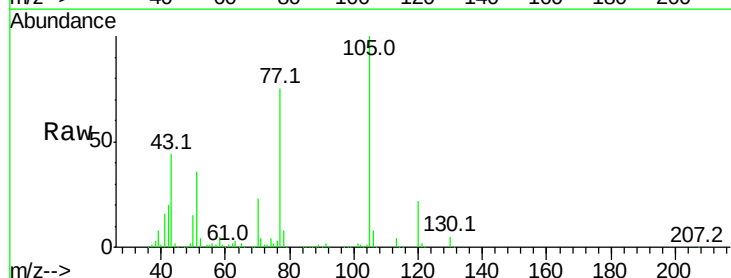
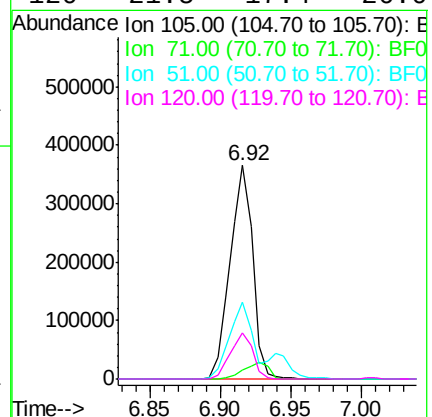
Manual Integrations
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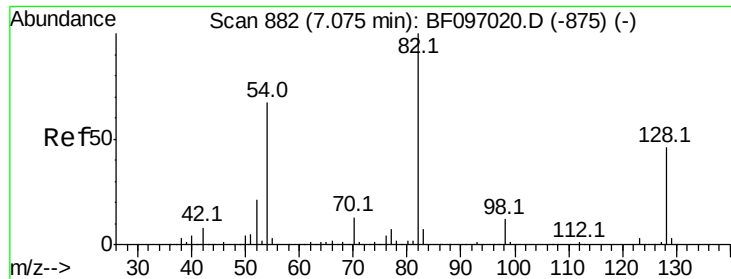
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#22
Acetophenone
Concen: 34.467 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	406505		
71	4.2	2.8	4.2	
51	36.0	30.7	46.1	
120	21.5	17.4	26.0	





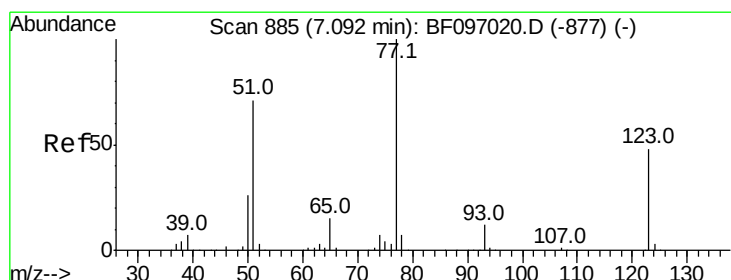
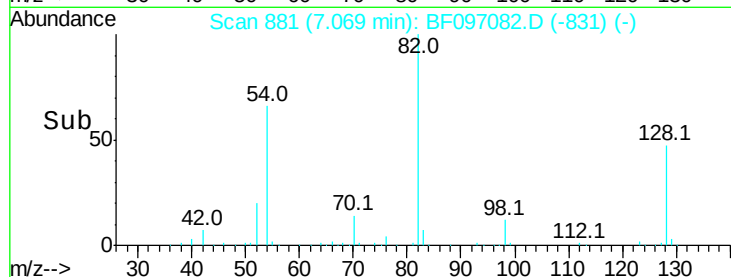
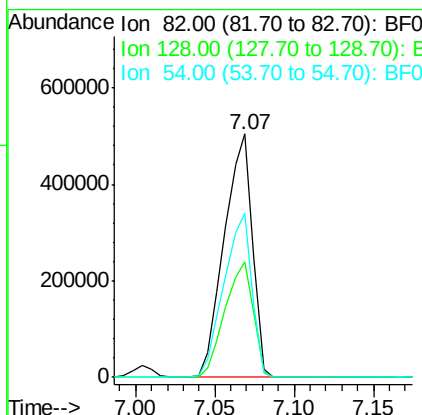
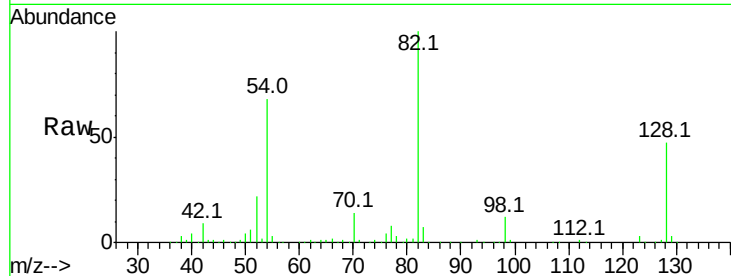
#23
 Nitrobenzene-d5
 Concen: 74.132 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB100971BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.3	34.0	51.0	
54	67.6	42.2	63.2	

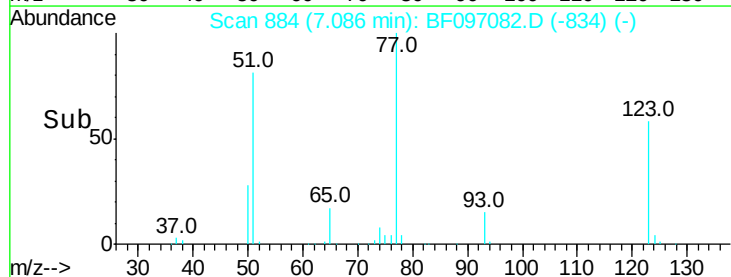
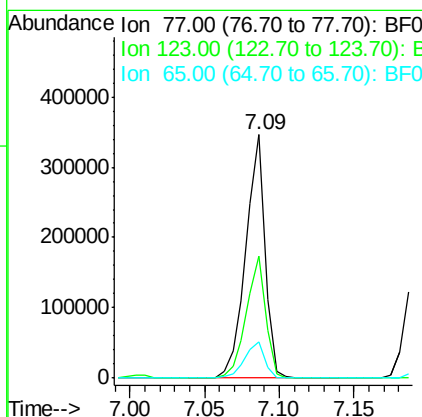
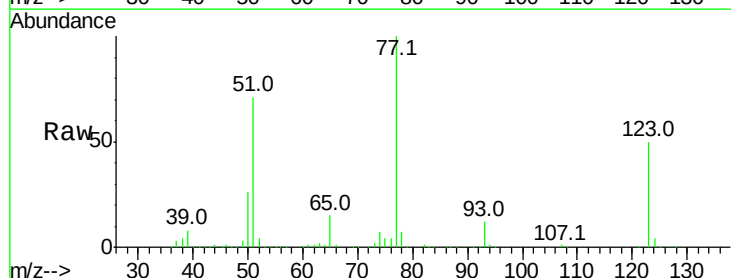
Manual Integrations
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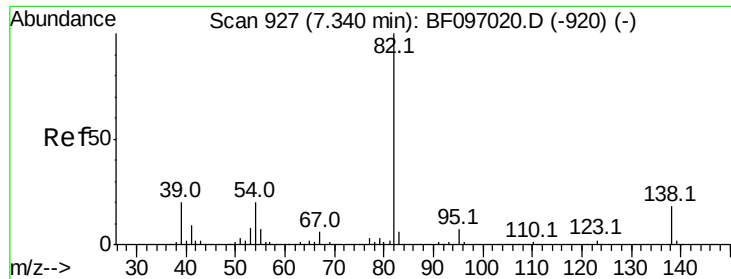
Sohil
 7/27/2017 12:31:28 PM



#24
 Nitrobenzene
 Concen: 35.670 ng
 RT: 7.09 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.9	35.8	53.8	
65	14.7	10.6	15.8	





#25

Isophorone

Concen: 39.647 ng

RT: 7.33 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

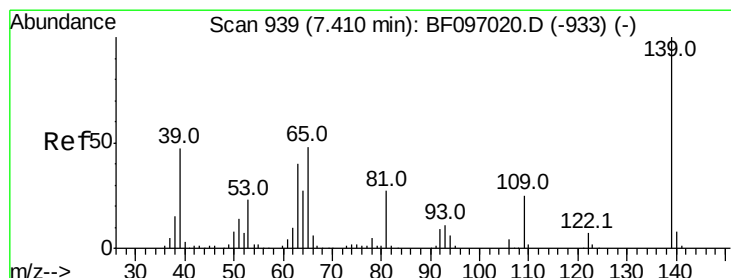
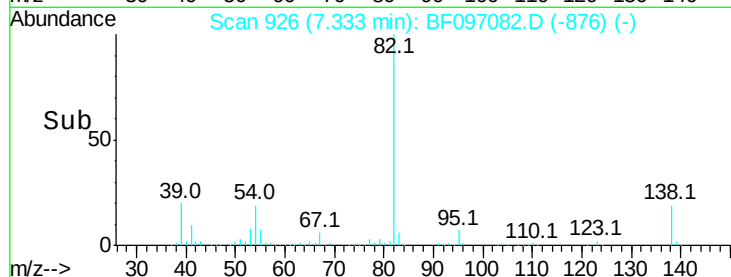
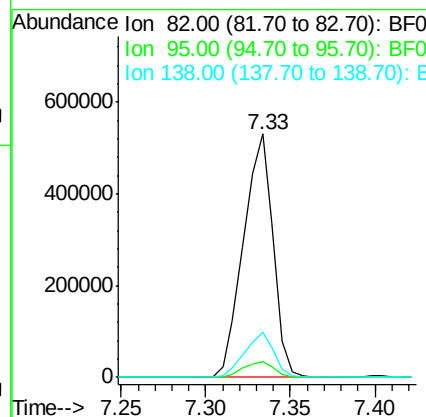
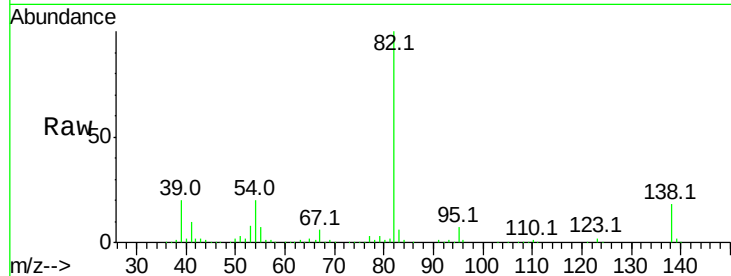
ClientSampleId :

PB100971BS

Tot Ion:	82	Resp:	650017
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.3	7.9
138	18.4	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.958 ng

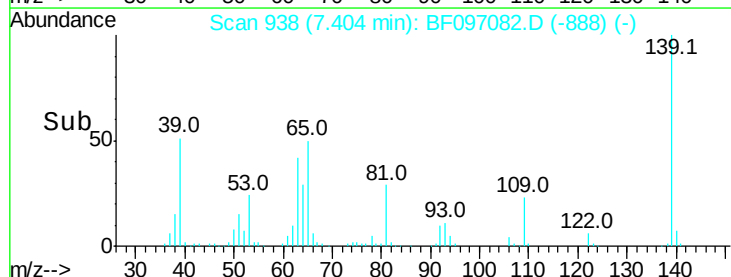
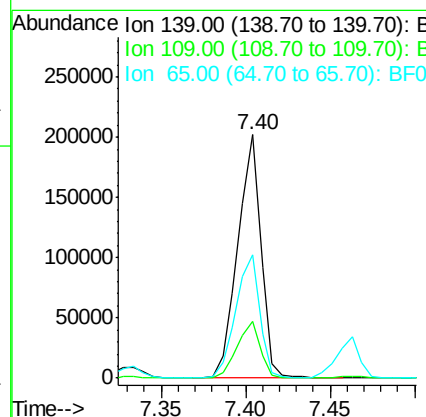
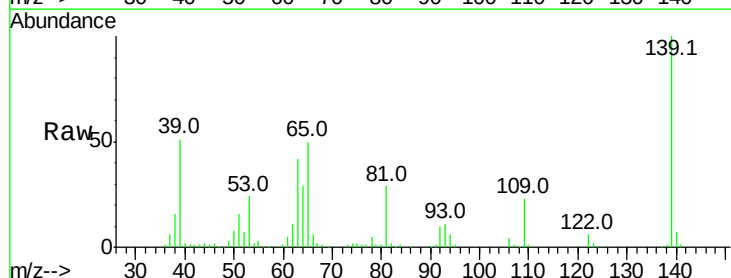
RT: 7.40 min Scan# 938

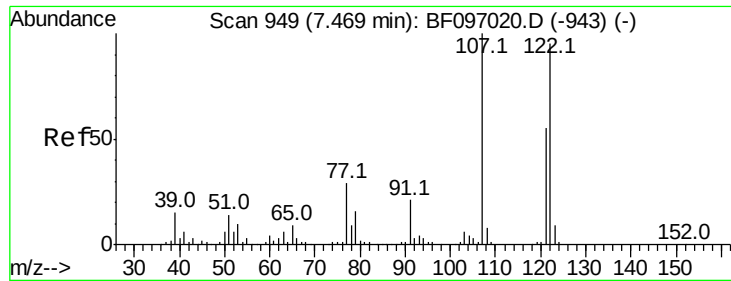
Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Tgt Ion:	139	Resp:	193207
Ion Ratio		Lower	Upper
139	100		
109	23.3	21.0	31.6
65	50.5	33.0	49.6#





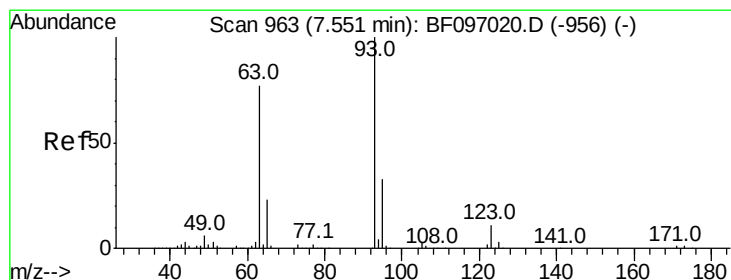
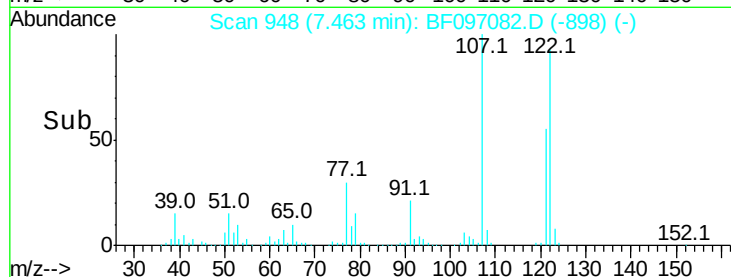
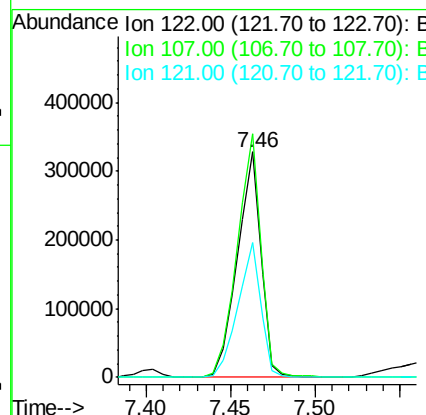
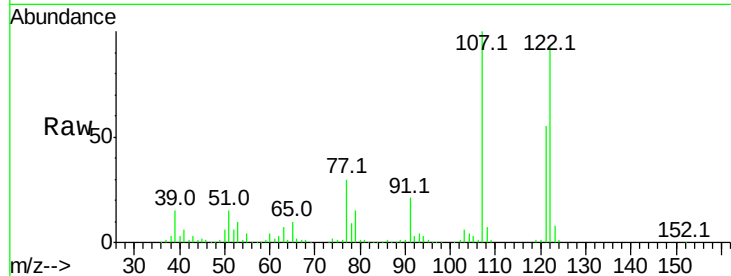
#27
2,4-Dimethylphenol
Concen: 41.007 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB100971BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.1	89.2	133.8
121	59.8	45.2	67.8

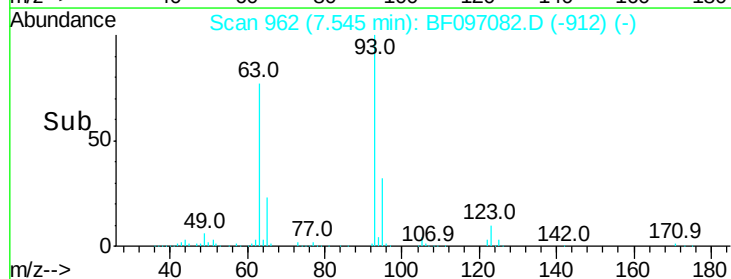
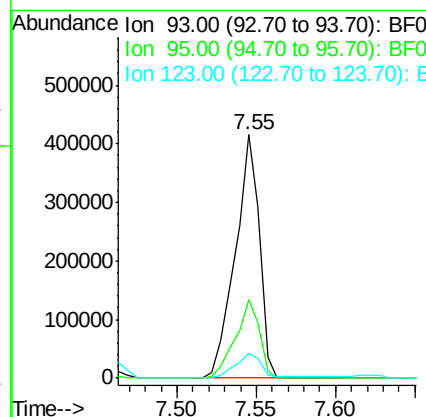
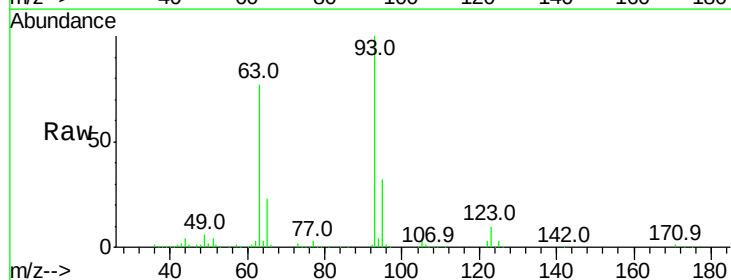
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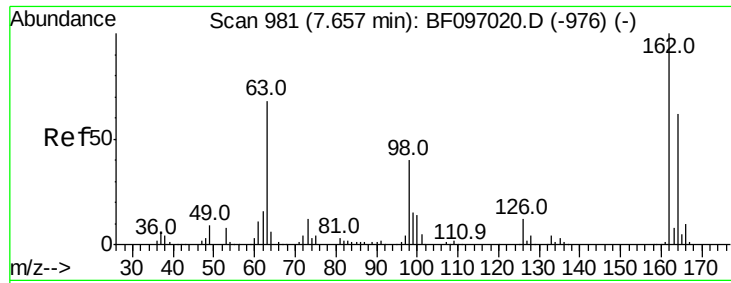
Sohil
7/27/2017 12:31:28 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.814 ng
RT: 7.55 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.5	39.7
123	10.4	9.0	13.4





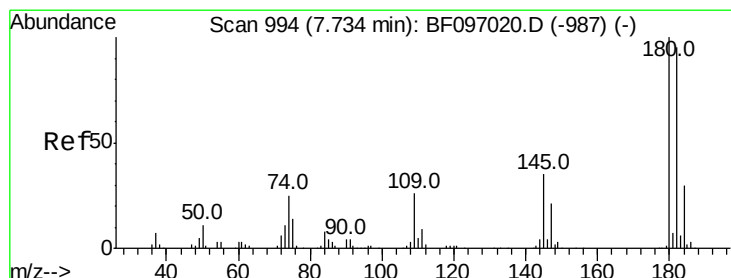
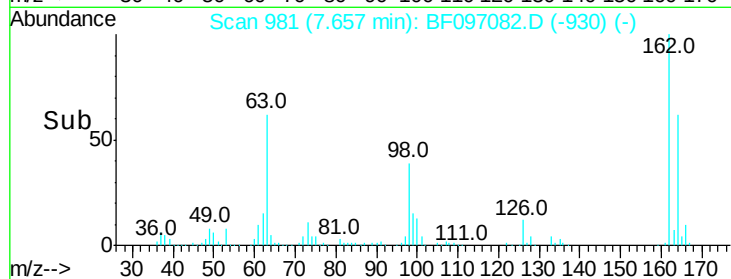
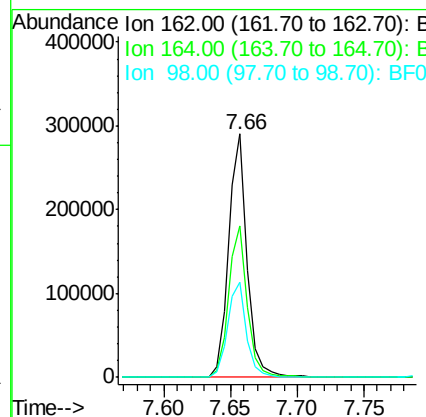
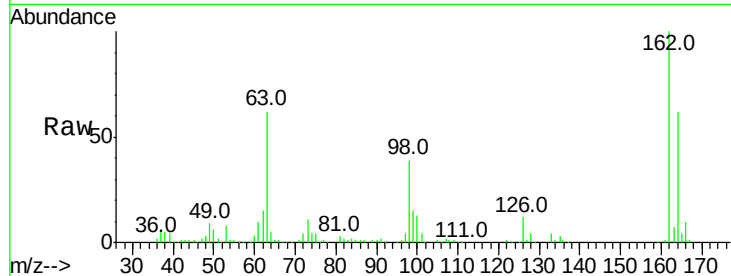
#29
 2,4-Dichlorophenol
 Concen: 42.323 ng
 RT: 7.66 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB100971BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	283713		
164	62.4		44.6	84.6
98	39.0		14.8	54.8

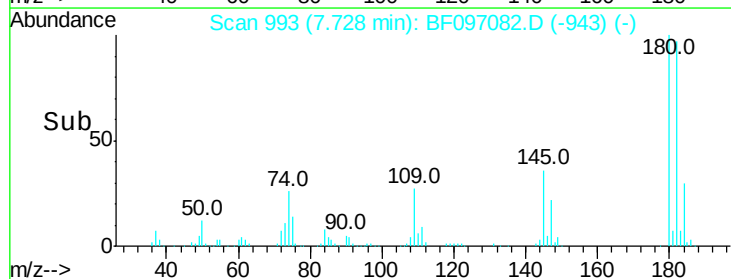
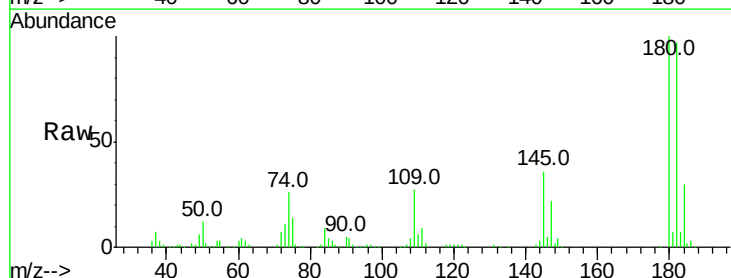
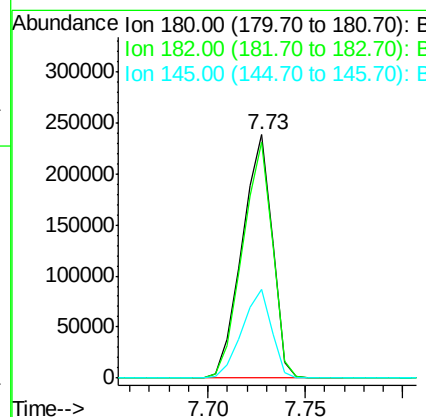
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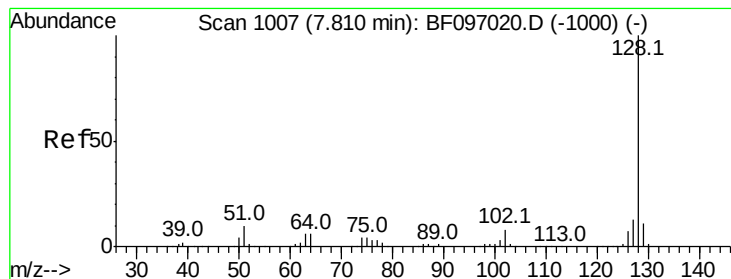
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.054 ng
 RT: 7.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	255933		
182	97.1		75.8	113.6
145	36.3		25.3	37.9





#31

Naphthalene

Concen: 40.533 ng

RT: 7.80 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

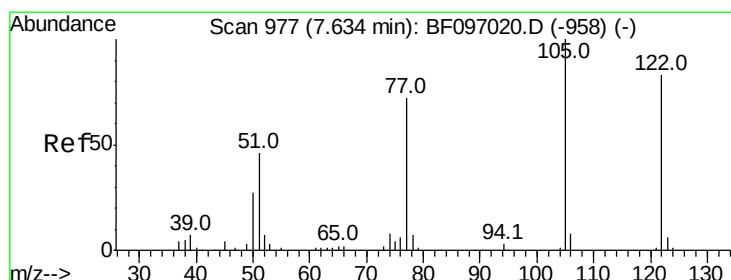
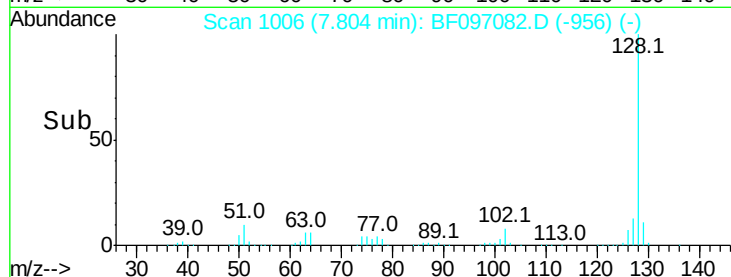
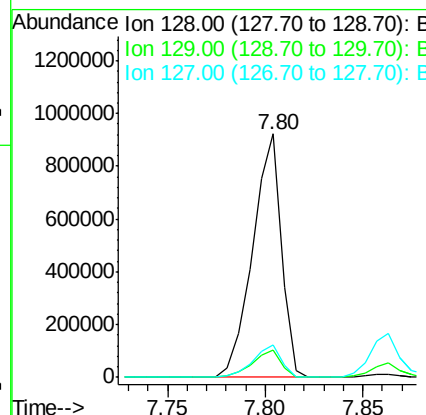
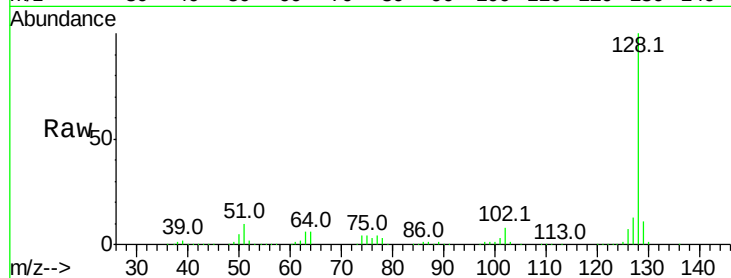
ClientSampleId :

PB100971BS

Tot Ion:	128	Resp:	938390
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.6
127	13.3	10.8	16.2

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#32

Benzoic acid

Concen: 38.376 ng

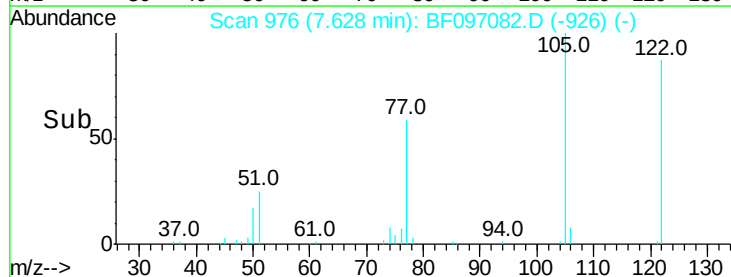
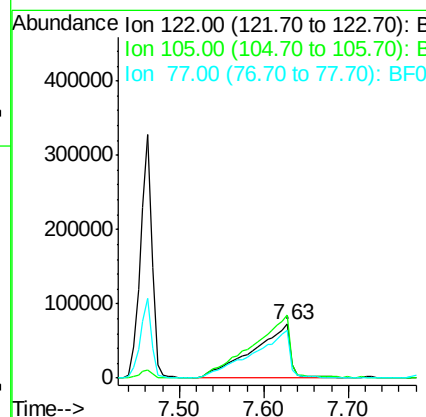
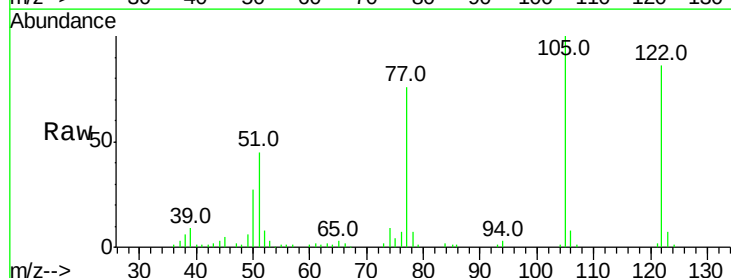
RT: 7.63 min Scan# 976

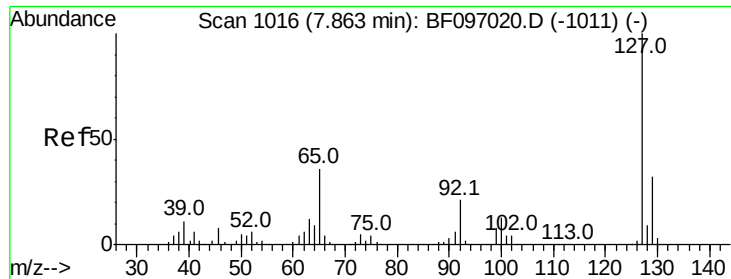
Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Tgt Ion:	122	Resp:	222983
Ion Ratio	Lower	Upper	
122	100		
105	116.7	103.3	143.3
77	88.3	73.7	113.7





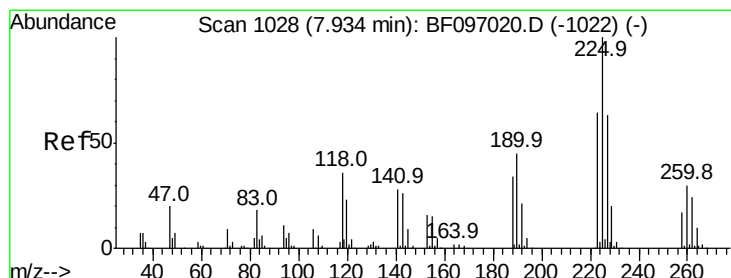
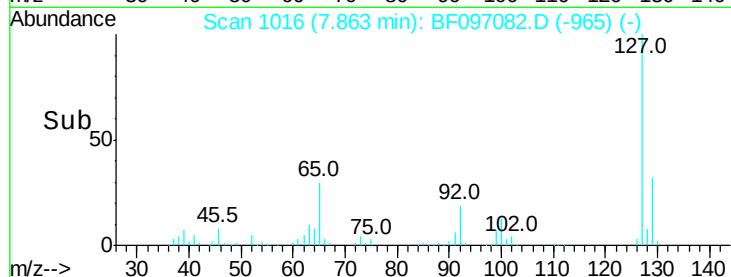
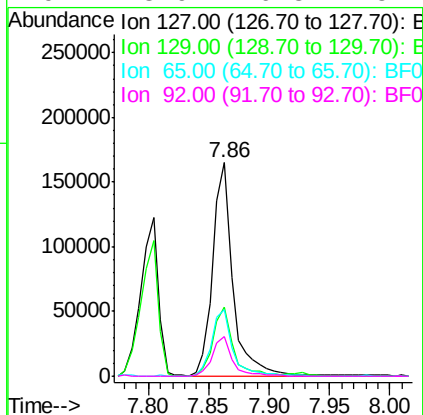
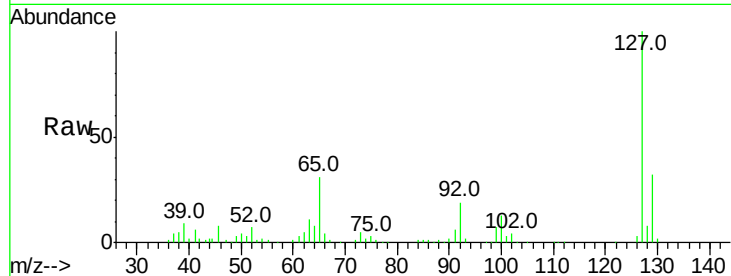
#33
4-Chloroaniline
Concen: 20.142 ng
RT: 7.86 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB100971BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		189741		
129	32.5	26.2	39.2		
65	31.0	27.8	41.8		
92	18.9	16.8	25.2		

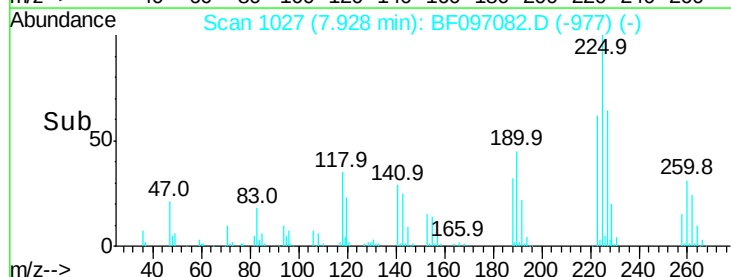
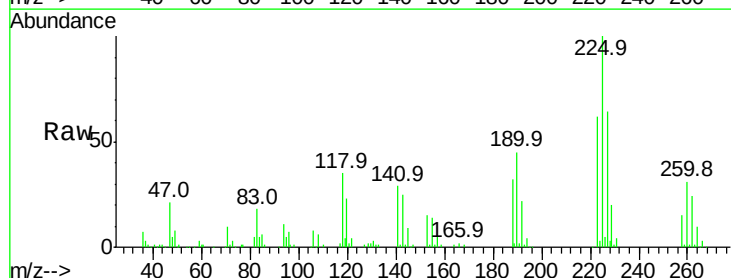
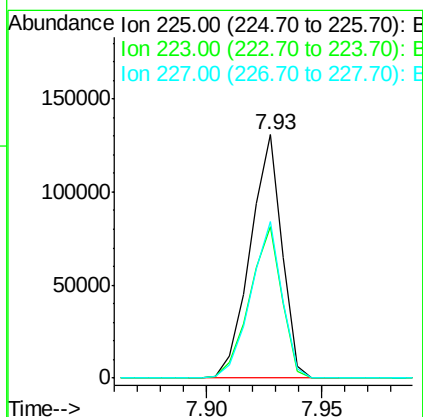
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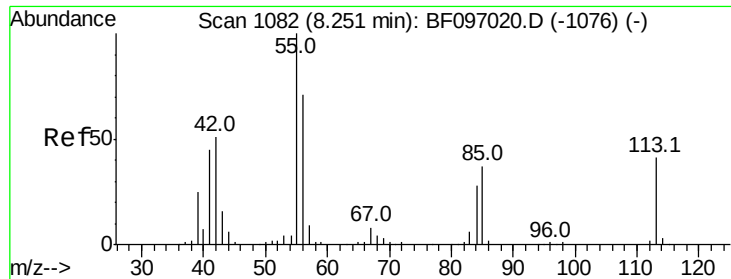
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#34
Hexachlorobutadiene
Concen: 36.819 ng
RT: 7.93 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		124721		
223	62.3	48.8	73.2		
227	64.4	51.1	76.7		





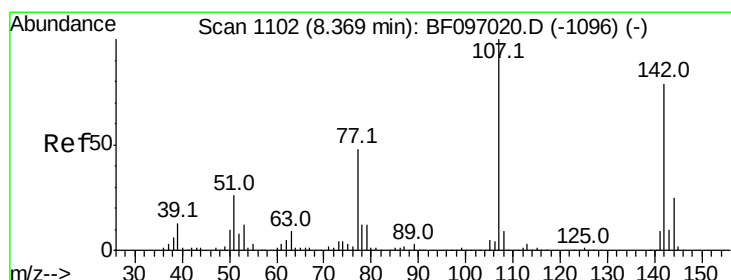
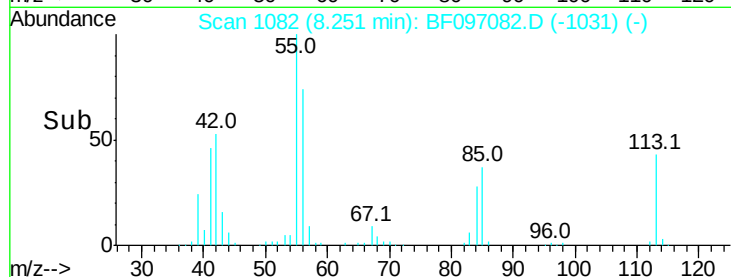
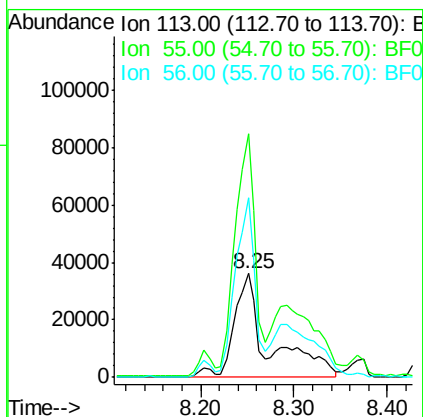
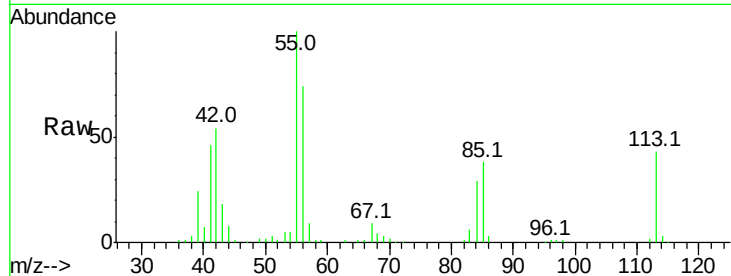
#35
 Caprolactam
 Concen: 43.484 ng/ml
 RT: 8.25 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleID :
 PB100971BS

Tot Ion:113 Resp: 93471
 Ion Ratio Lower Upper
 113 100
 55 234.5 150.2 190.2#
 56 172.5 107.8 147.8#

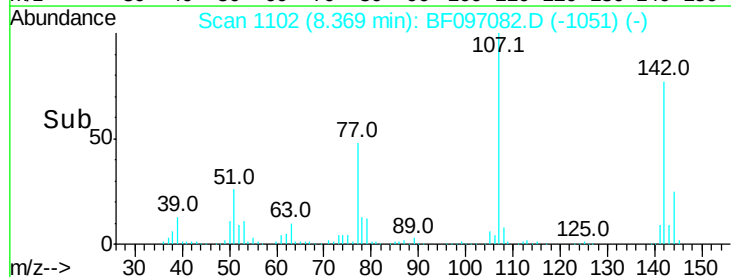
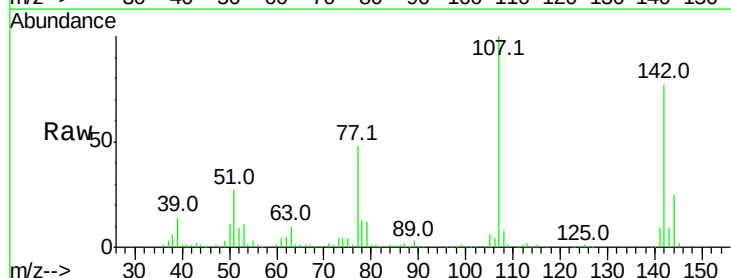
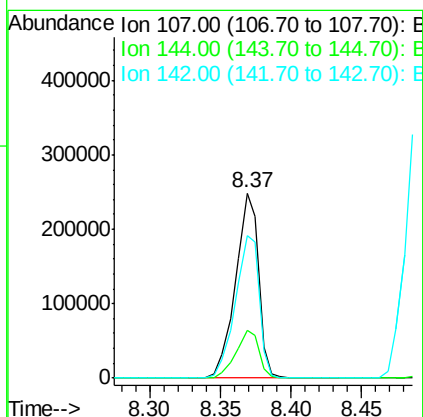
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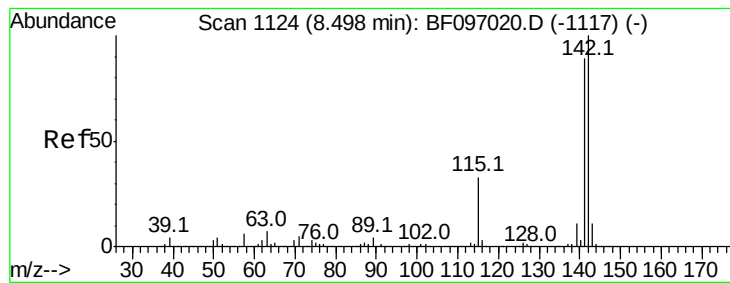
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#36
 4-Chloro-3-methylphenol
 Concen: 38.462 ng/ml
 RT: 8.37 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion:107 Resp: 281285
 Ion Ratio Lower Upper
 107 100
 144 25.5 24.2 36.4
 142 77.1 73.4 110.0





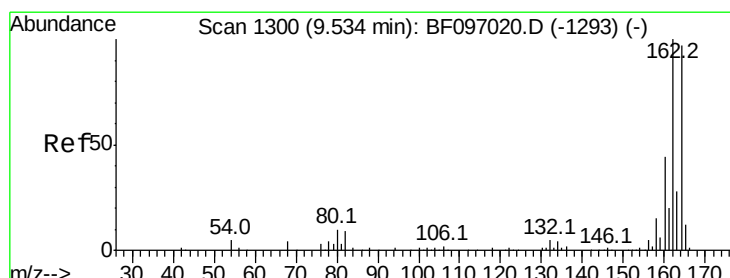
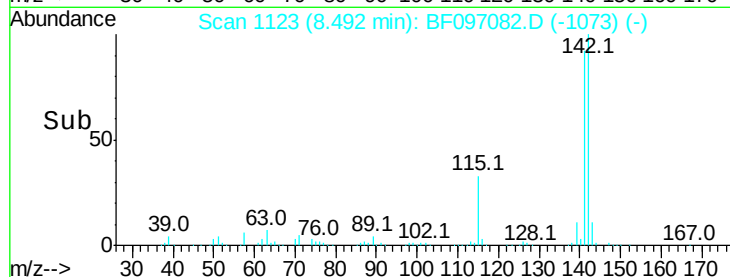
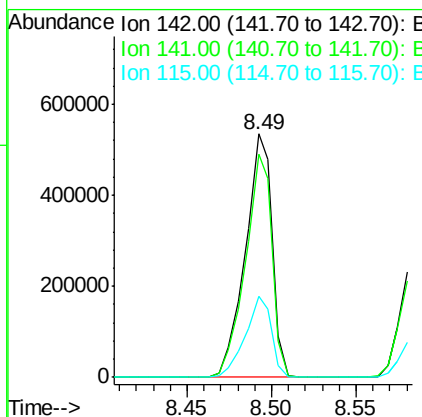
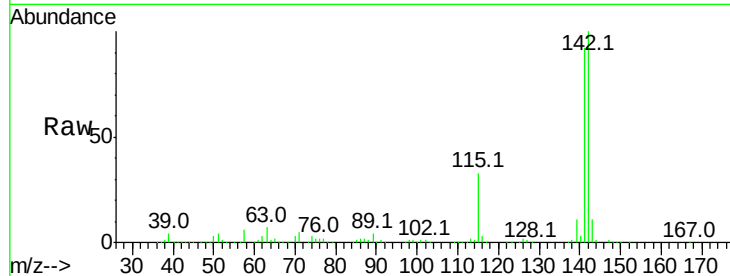
#37
2-Methylnaphthalene
Concen: 40.475 ng
RT: 8.49 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB100971BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	593285		
141	91.9	71.3	106.9	
115	33.1	27.1	40.7	

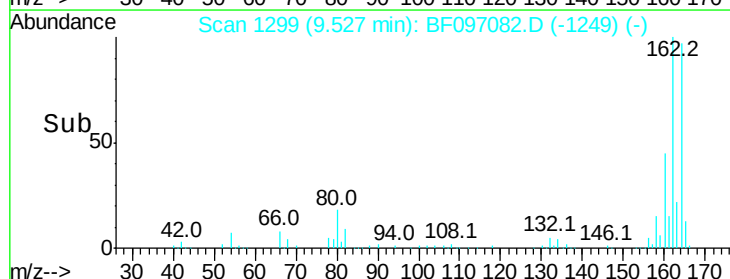
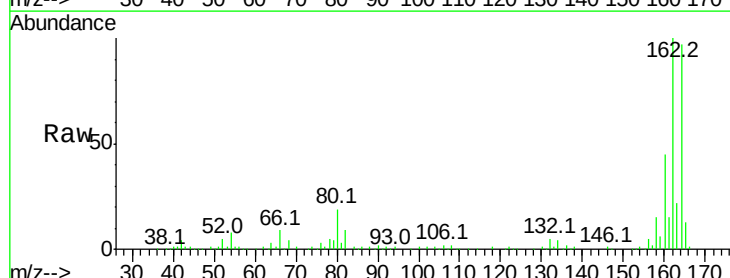
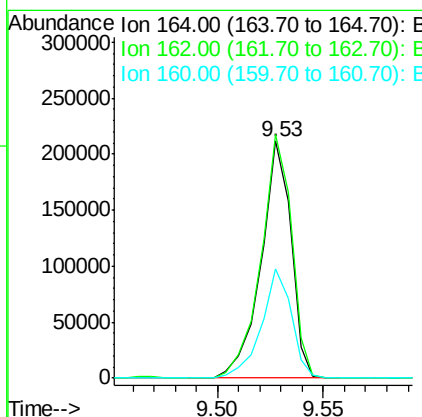
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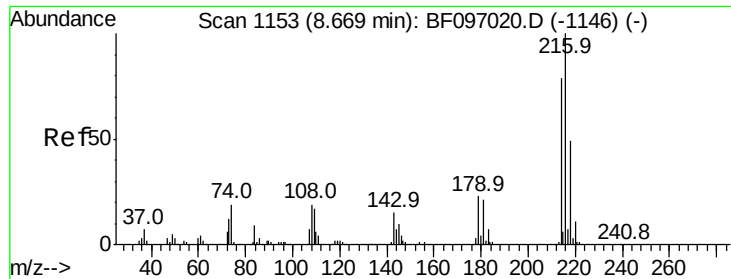
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	209505		
162	102.8	82.6	123.8	
160	46.1	36.2	54.2	





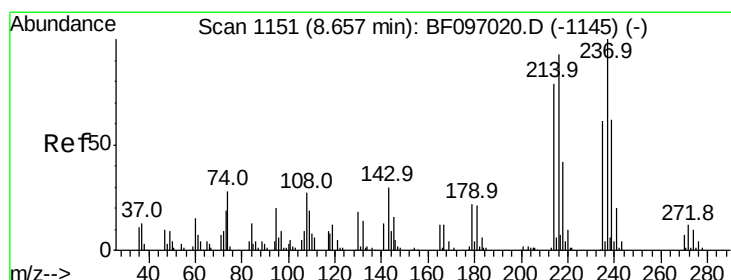
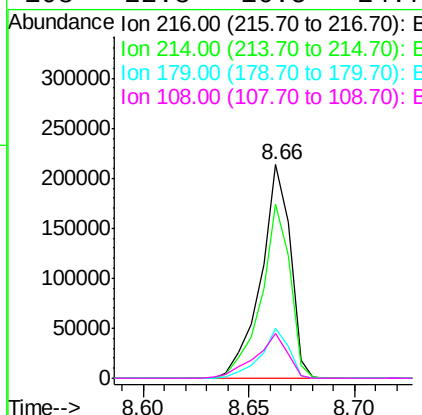
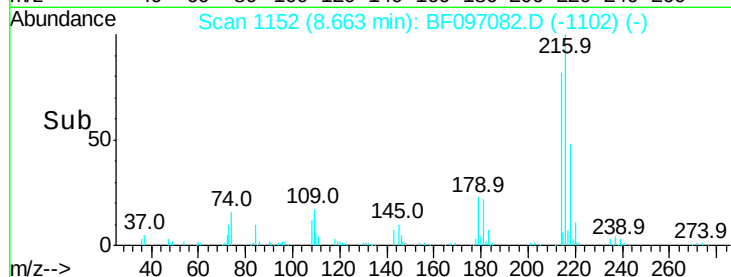
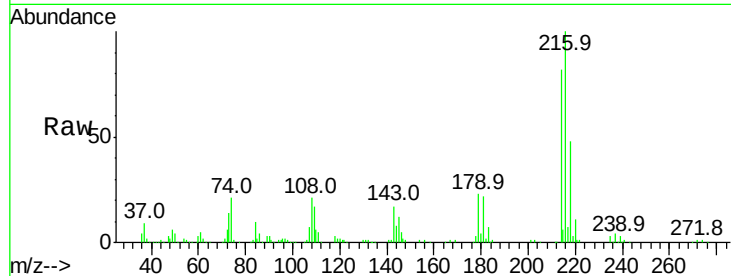
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.125 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB100971BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	207535		
214	79.4	63.4	95.2	
179	22.4	17.9	26.9	
108	22.8	16.5	24.7	

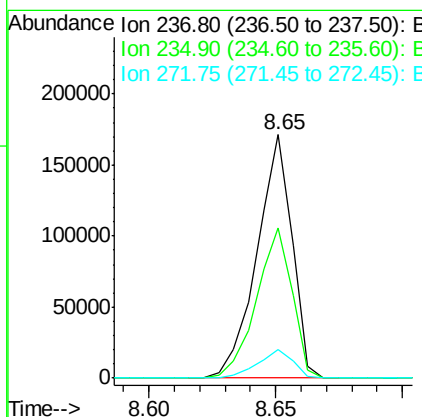
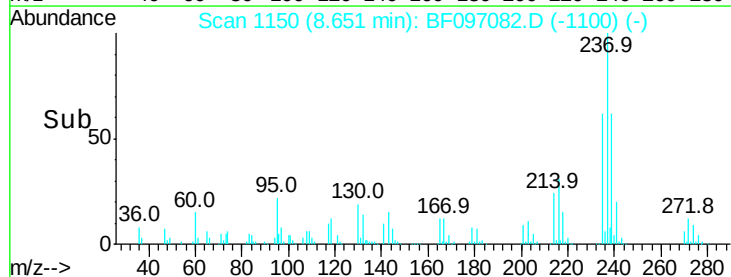
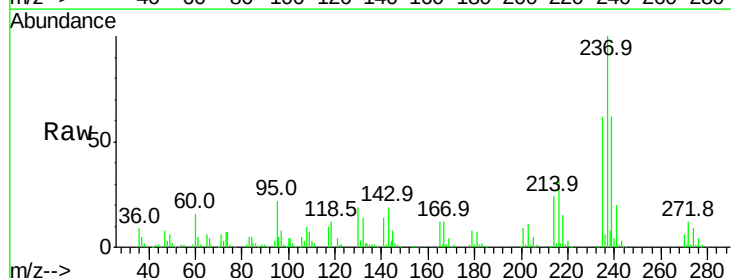
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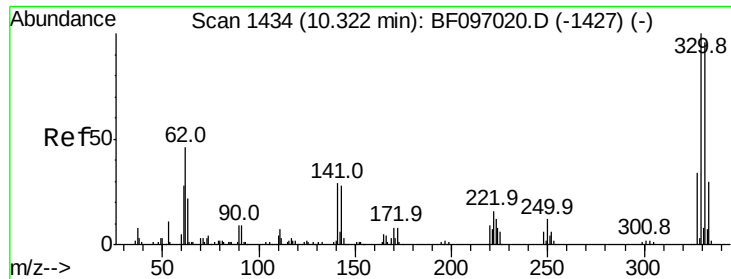
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#40
 Hexachlorocyclopentadiene
 Concen: 84.057 ng
 RT: 8.65 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	165026		
235	61.8	42.6	82.6	
272	12.0	0.0	31.9	





#41

2,4,6-Tribromophenol

Concen: 128.026 ng

RT: 10.32 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

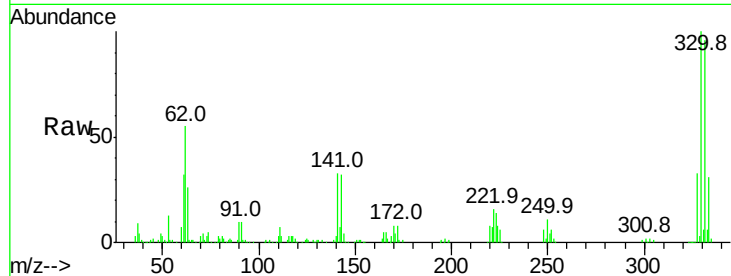
ClientSampleId :

PB100971BS

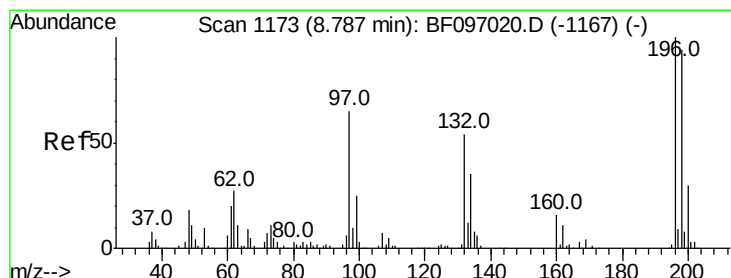
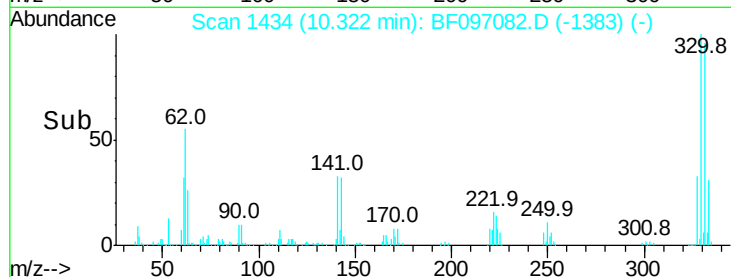
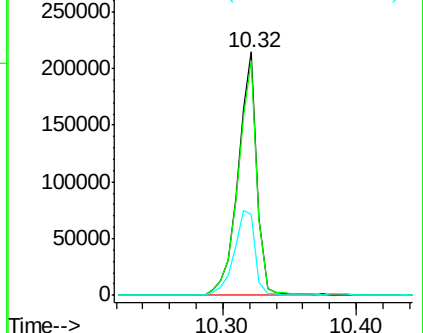
Tot Ion:	330	Resp:	211921
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.6	115.0
141	39.0	31.4	47.2

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



#42

2,4,6-Trichlorophenol

Concen: 40.184 ng

RT: 8.79 min Scan# 1173

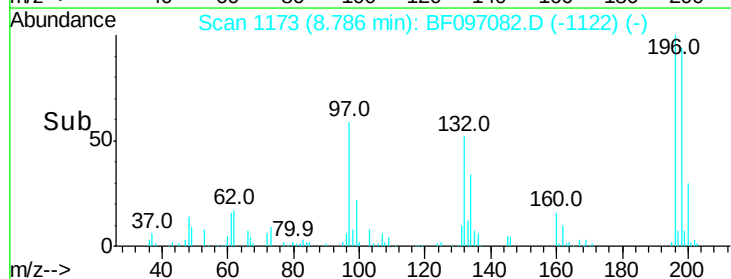
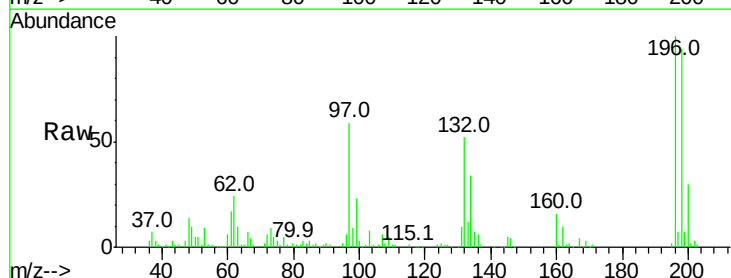
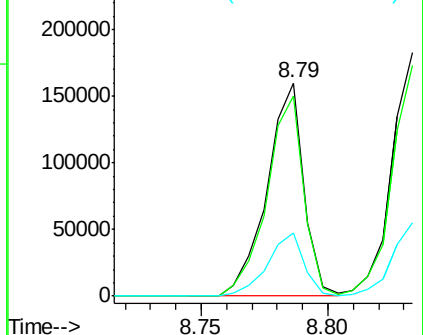
Delta R.T. -0.00 min

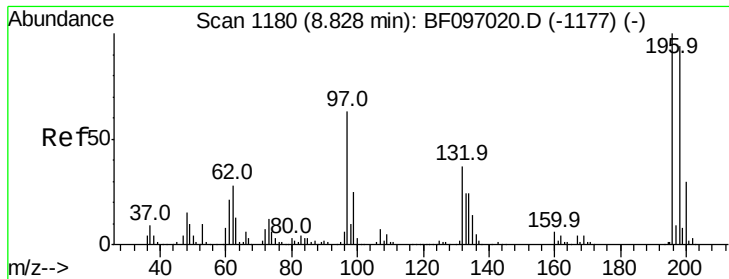
Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Tgt Ion:	196	Resp:	162788
Ion Ratio	Lower	Upper	
196	100		
198	94.3	74.2	111.4
200	29.8	24.0	36.0

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





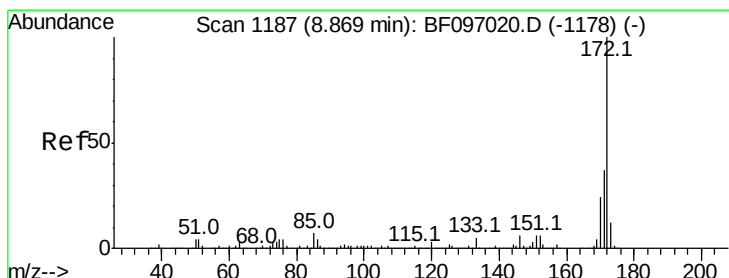
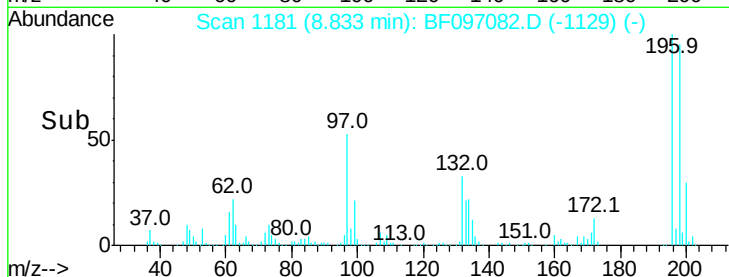
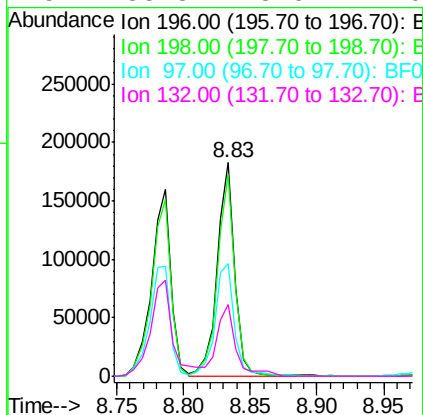
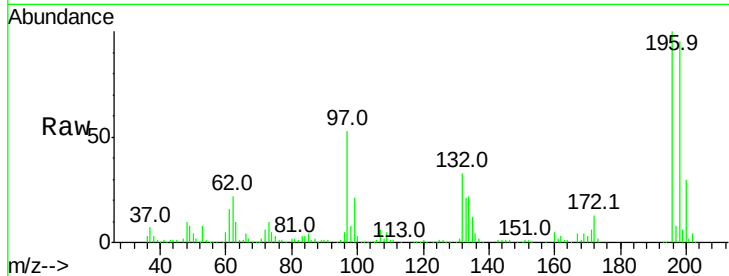
#43
 2,4,5-Trichlorophenol
 Concen: 41.956 ng
 RT: 8.83 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB100971BS

Tot Ion	196	Resp	170121
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.7	113.5
97	52.8	47.7	71.5
132	33.3	28.0	42.0

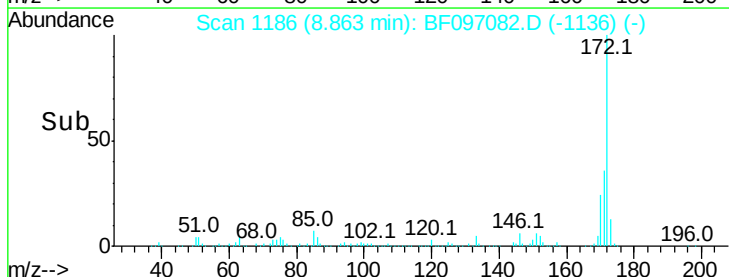
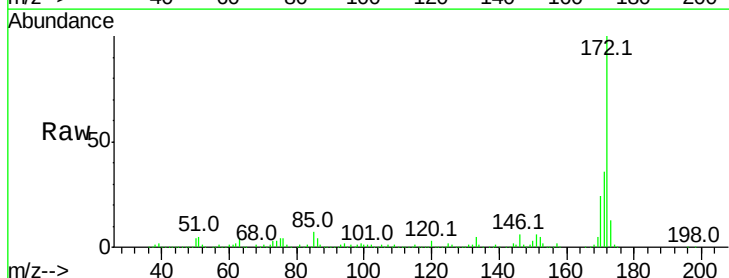
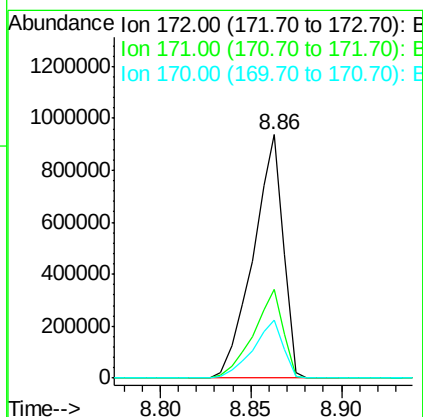
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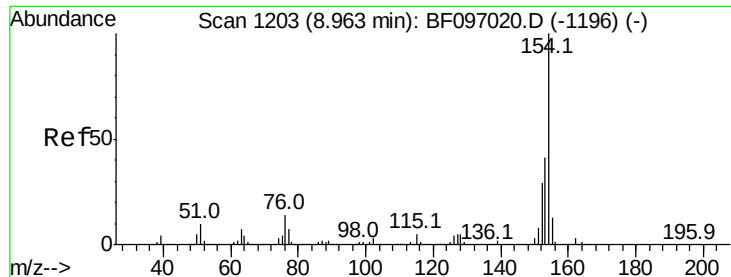
Sohil
 7/27/2017 12:31:28 PM



#44
 2-Fluorobiphenyl
 Concen: 87.503 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	172	Resp	1080212
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	23.8	19.8	29.8





#45

1,1'-Biphenyl

Concen: 37.545 ng

RT: 8.96 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

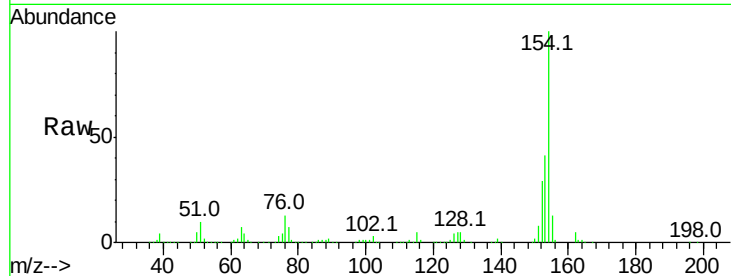
ClientSampleId :

PB100971BS

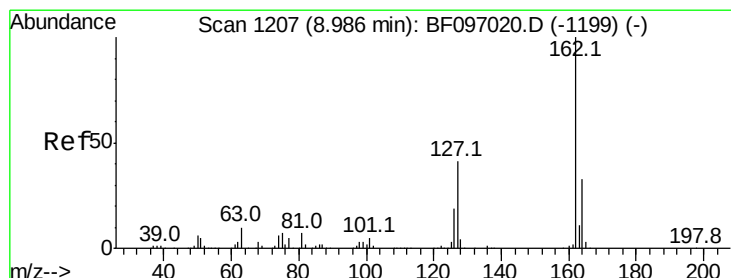
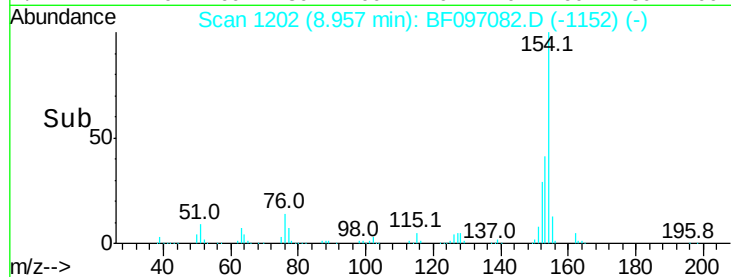
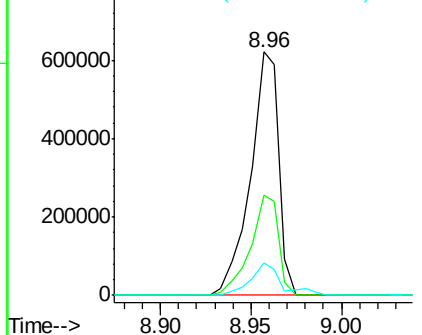
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	21.2	61.2	
76	13.5	0.0	29.9	

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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: 39.729 ng

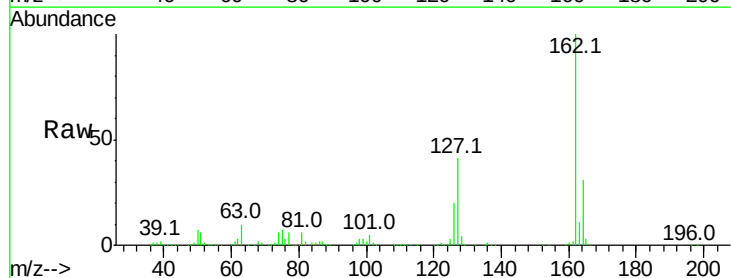
RT: 8.98 min Scan# 1206

Delta R.T. -0.01 min

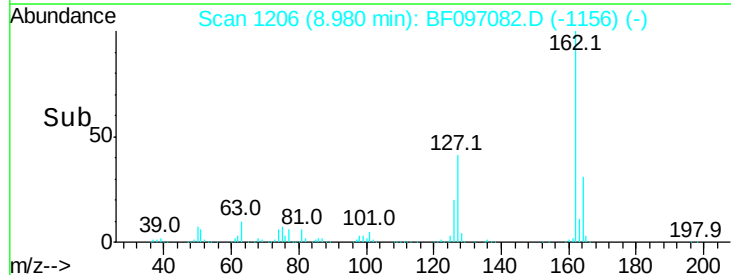
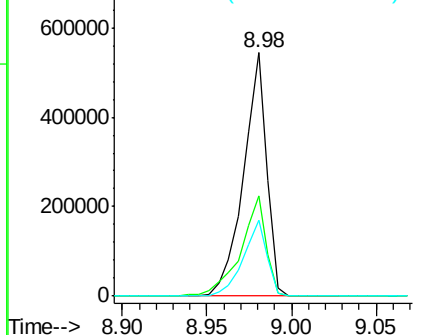
Lab File: BF097082.D

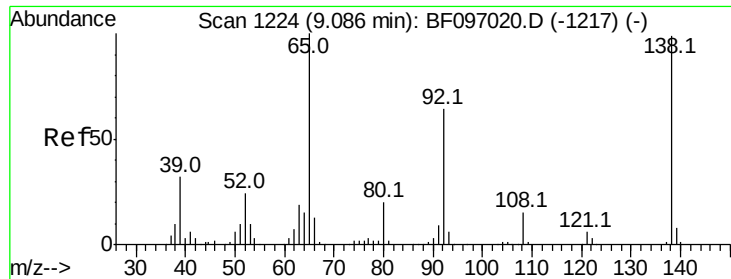
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.0	28.3	42.5	
164	31.3	27.0	40.4	



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





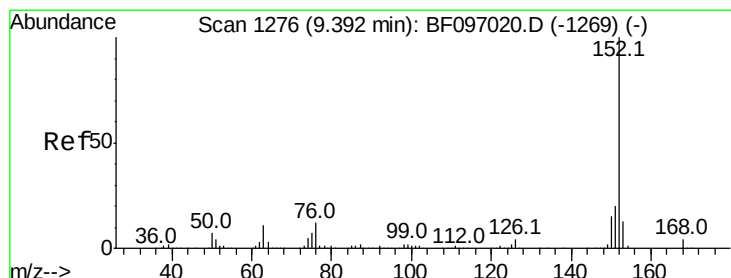
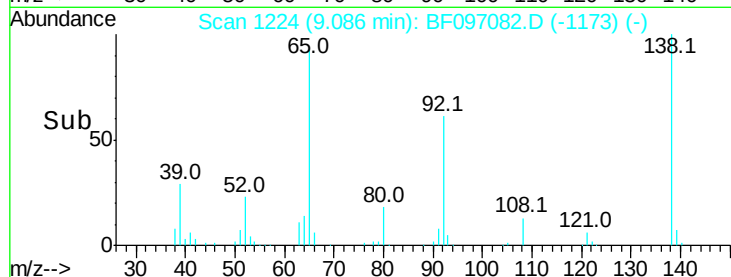
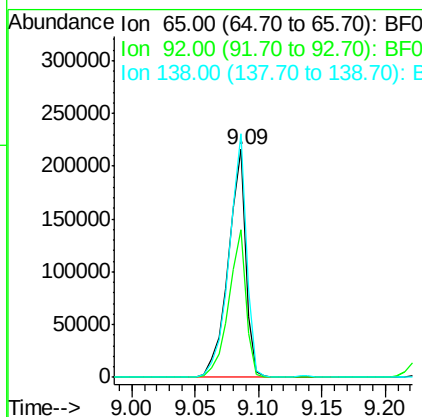
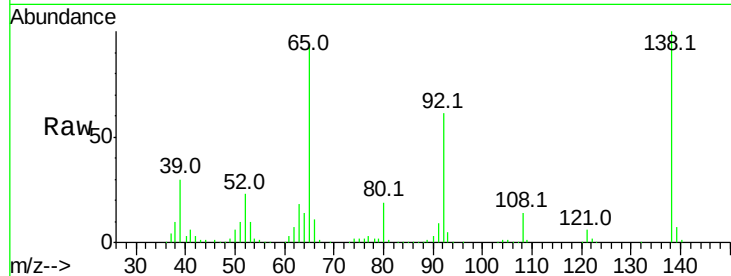
#47
2-Nitroaniline
Concen: 43.225 ng
RT: 9.09 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB100971BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.8	53.9	80.9
138	106.7	78.8	118.2

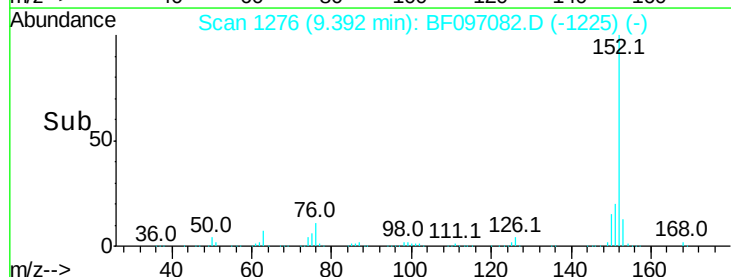
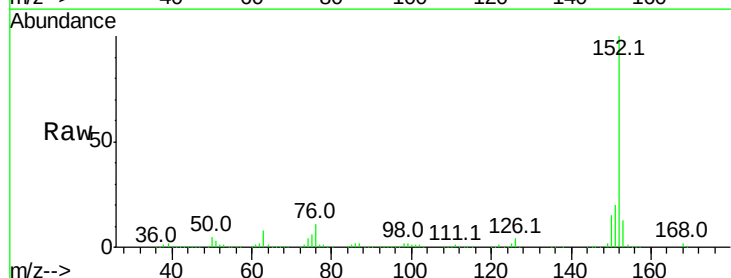
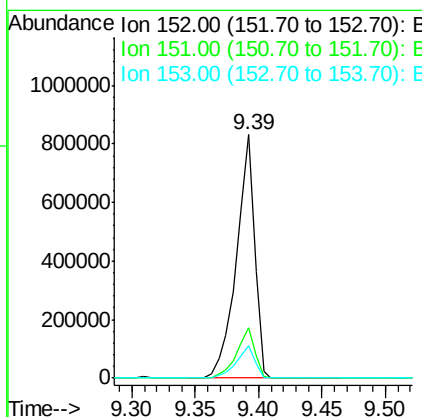
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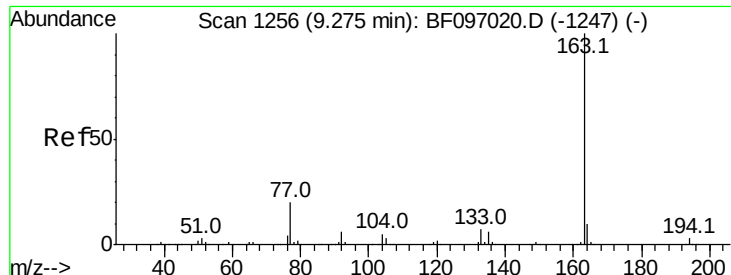
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#48
Acenaphthylene
Concen: 40.643 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.3	10.8	16.2





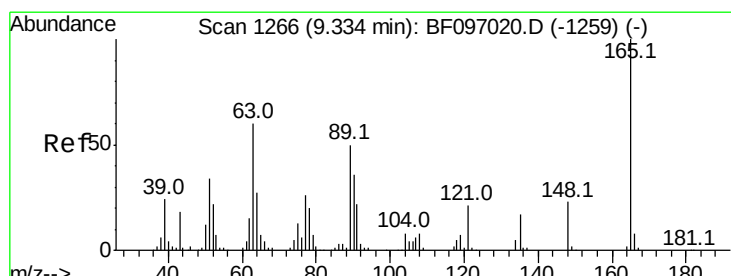
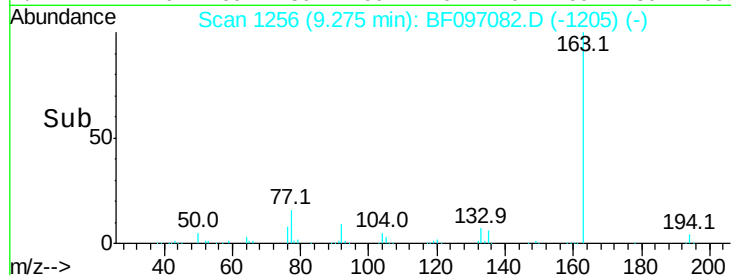
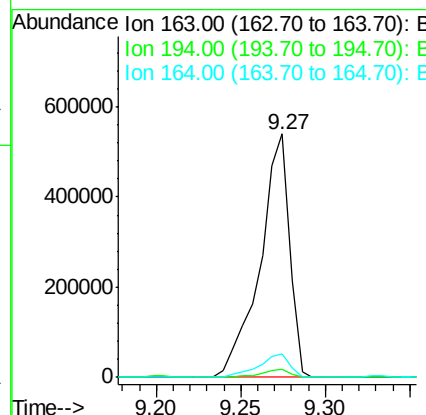
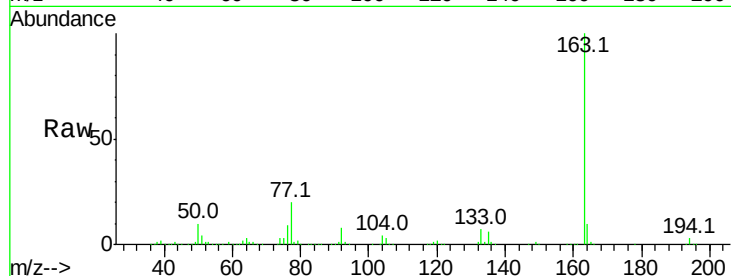
#49
Dimethylphthalate
Concen: 41.371 ng
RT: 9.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB100971BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	658195		
194	3.2		2.6	4.0
164	9.8		8.4	12.6

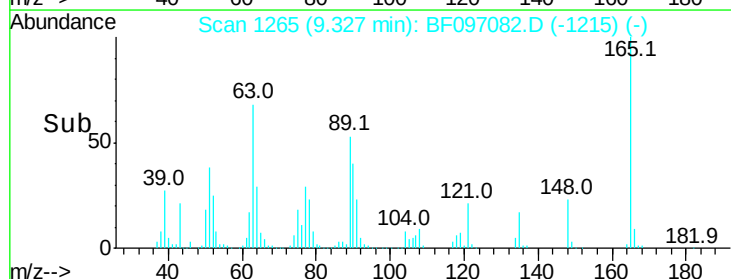
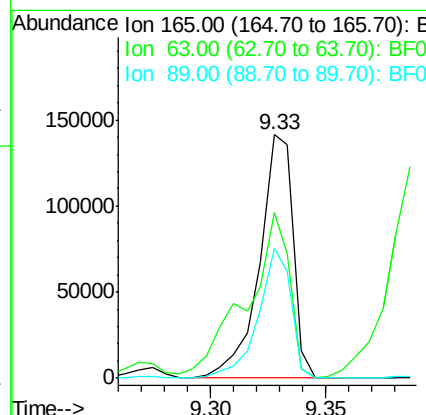
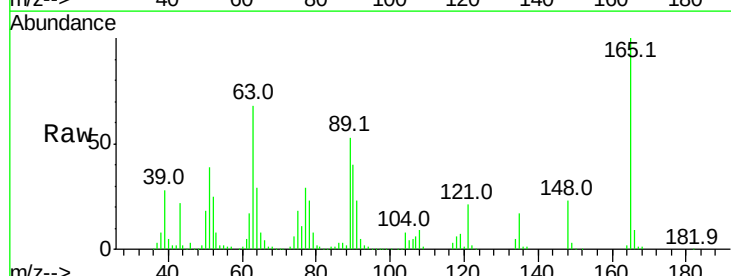
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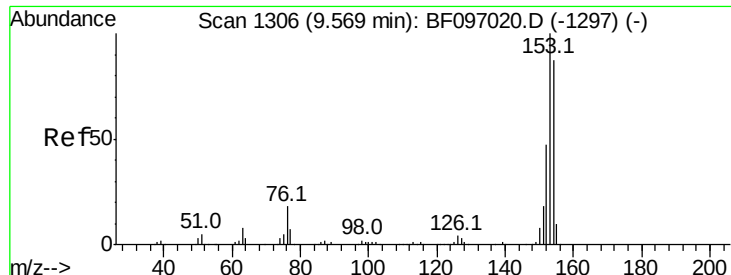
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#50
2,6-Dinitrotoluene
Concen: 42.648 ng
RT: 9.33 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	143905		
63	67.9		34.3	51.5#
89	53.4		37.1	55.7





#51

Acenaphthene

Concen: 40.489 ng

RT: 9.56 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

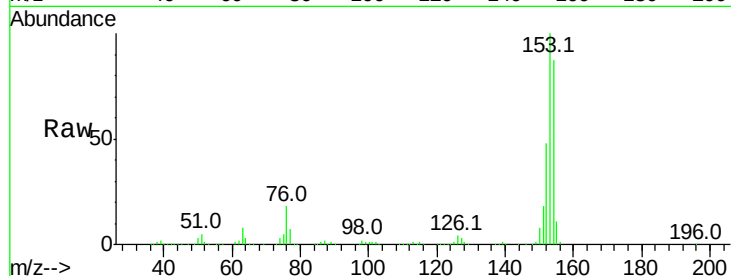
ClientSampleId :

PB100971BS

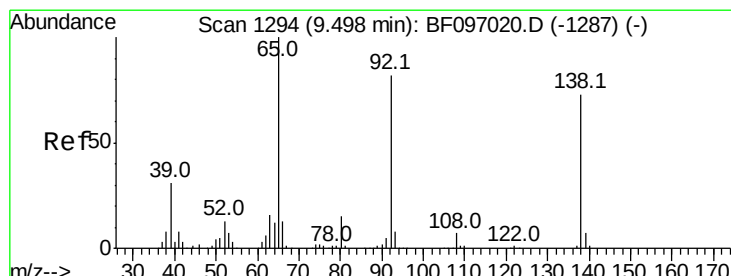
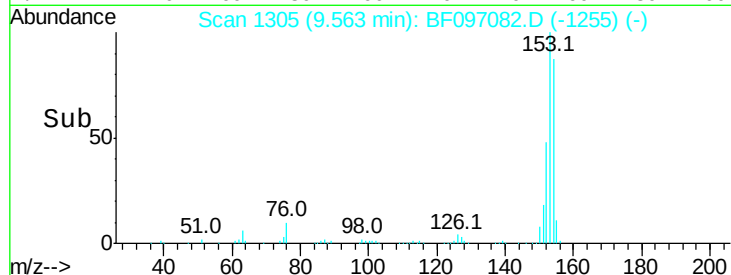
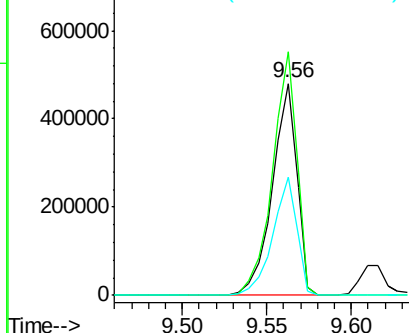
Tot Ion:	154	Resp:	482052
Ion Ratio	Lower	Upper	
154	100		
153	114.9	90.5	135.7
152	55.5	43.6	65.4

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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: 27.688 ng

RT: 9.50 min Scan# 1294

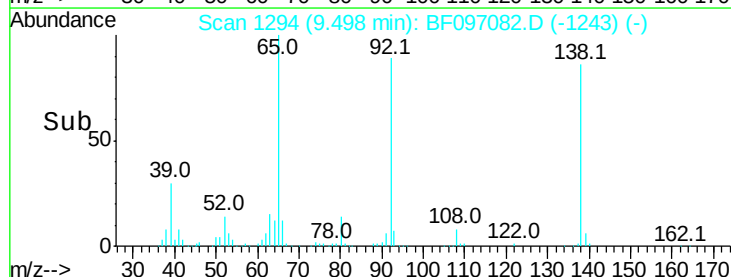
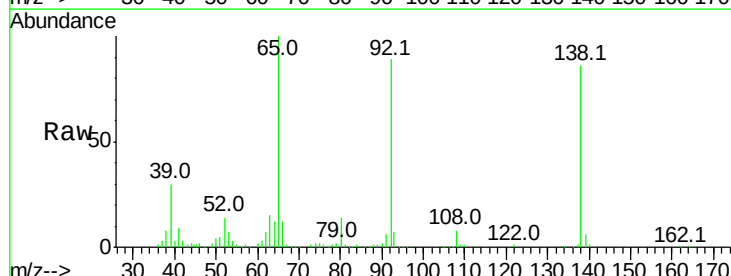
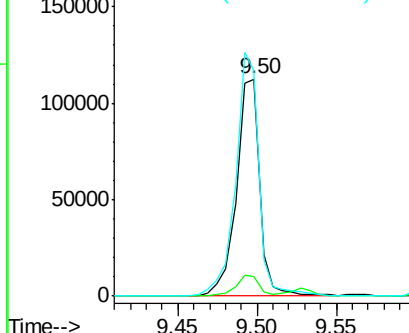
Delta R.T. -0.00 min

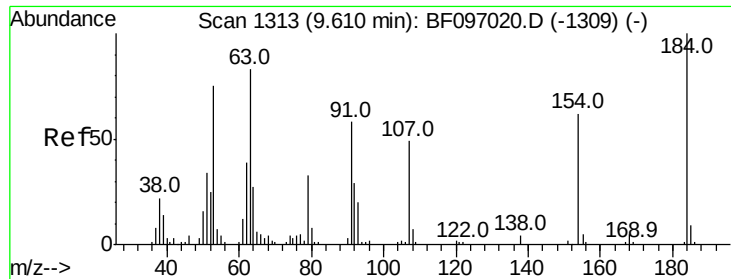
Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Tgt Ion:	138	Resp:	115965
Ion Ratio	Lower	Upper	
138	100		
108	9.1	9.1	13.7#
92	104.2	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





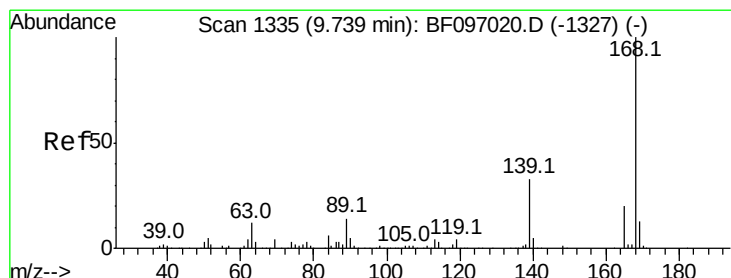
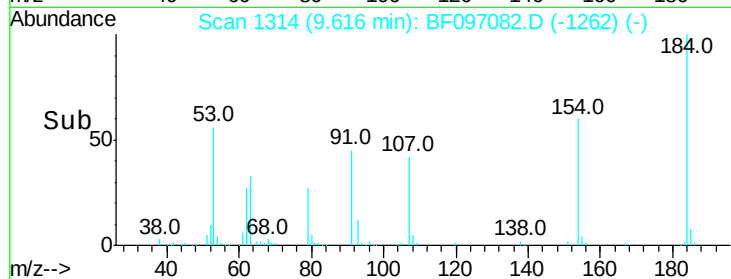
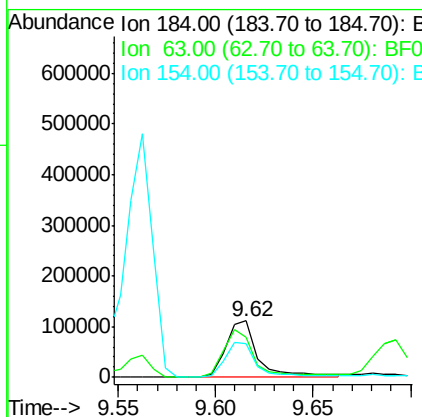
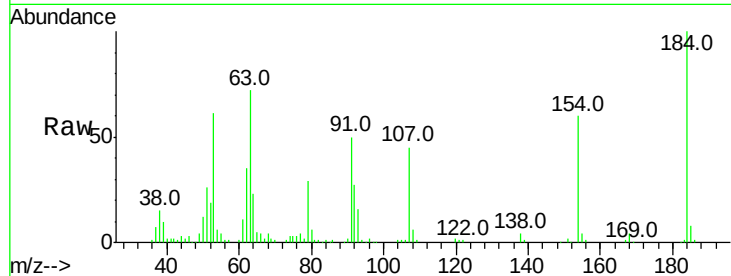
#53
 2,4-Dinitrophenol
 Concen: 82.955 ng
 RT: 9.62 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB100971BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	127271		
63	71.8	62.7	94.1	
154	59.6	81.1	121.7	

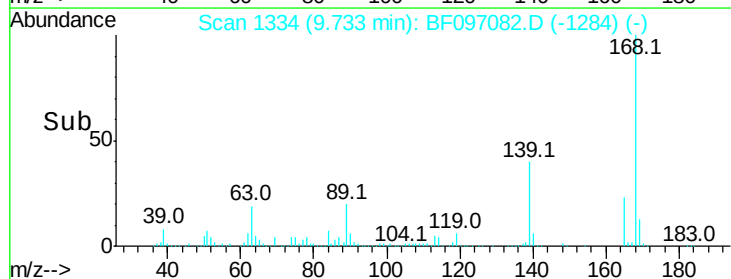
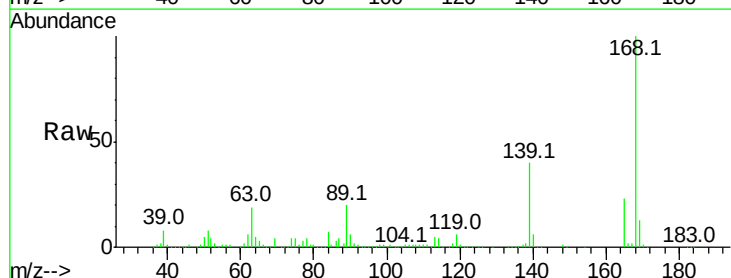
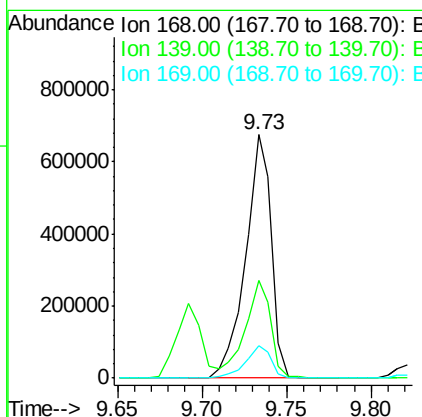
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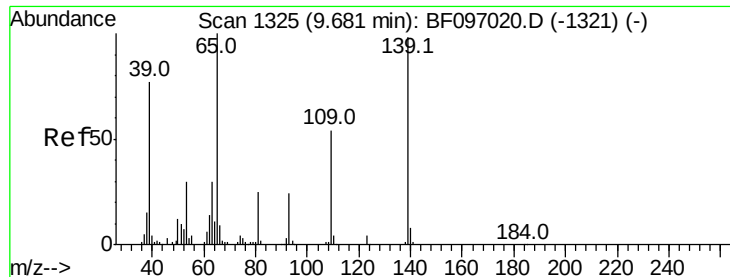
Sohil
 7/27/2017 12:31:28 PM



#54
 Dibenzofuran
 Concen: 45.144 ng
 RT: 9.73 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	715915		
139	40.3	30.6	45.8	
169	13.3	10.8	16.2	





#55

4-Nitrophenol

Concen: 86.845 ng

RT: 9.69 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampled :

PB100971BS

Tot Ion:139 Resp: 216308

Ion Ratio Lower Upper

139 100

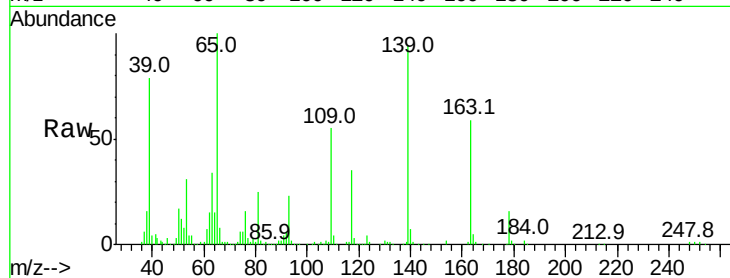
109 59.0 34.1 74.1

65 106.8 31.4 71.4#

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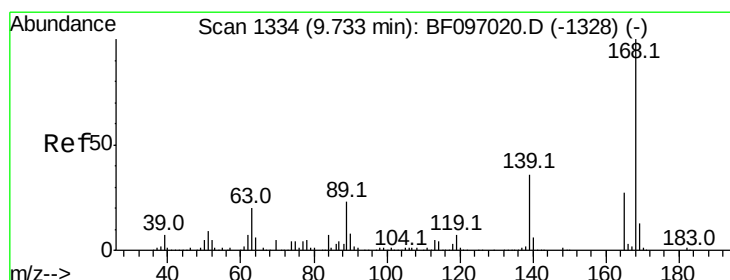
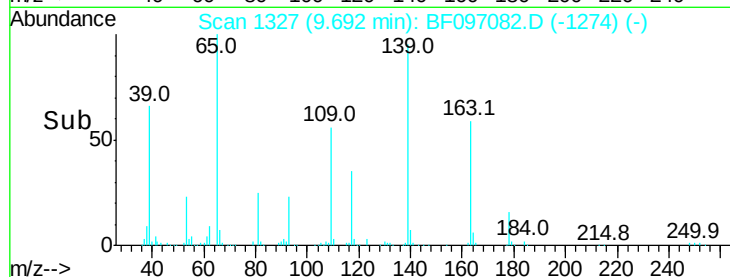
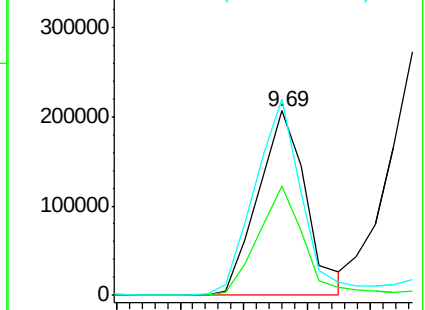
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.136 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Tgt Ion:165 Resp: 175082

Ion Ratio Lower Upper

165 100

63 60.9 25.4 38.0#

89 70.6 46.4 69.6#

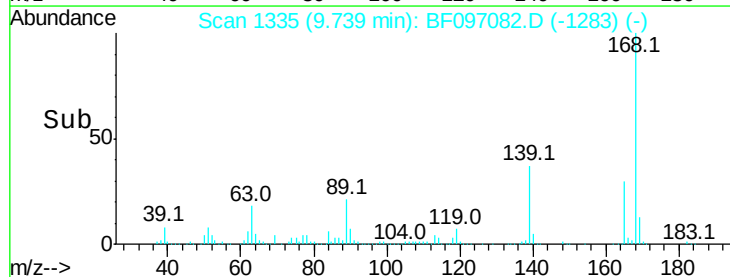
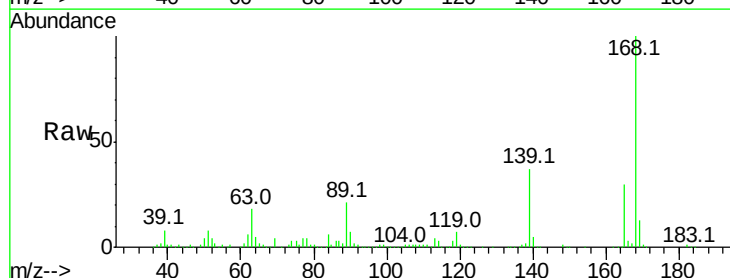
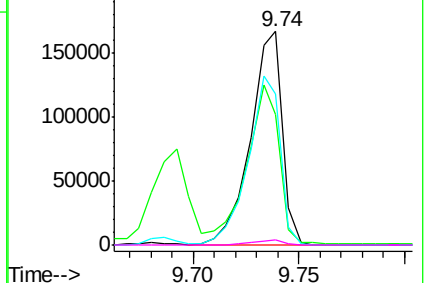
182 2.1 1.8 2.6

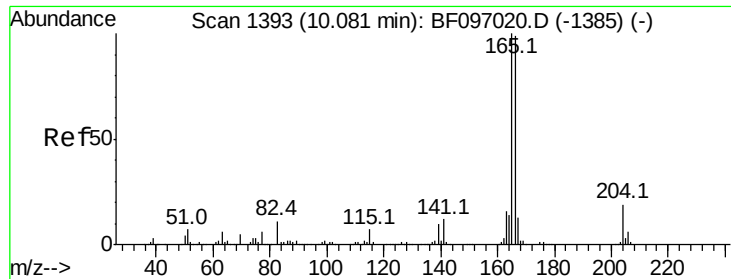
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.919 ng

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

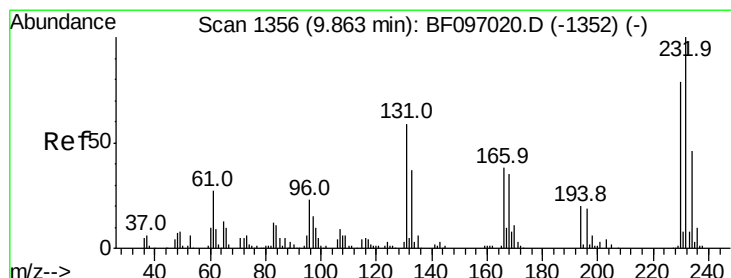
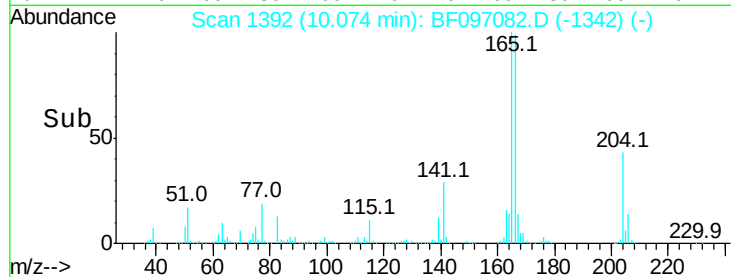
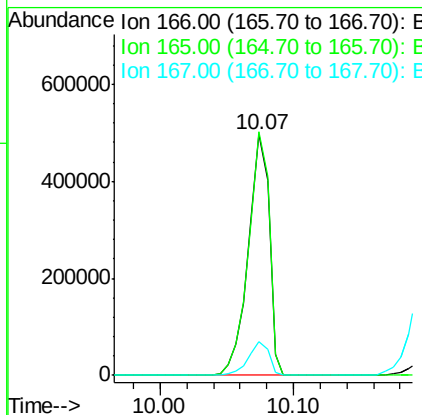
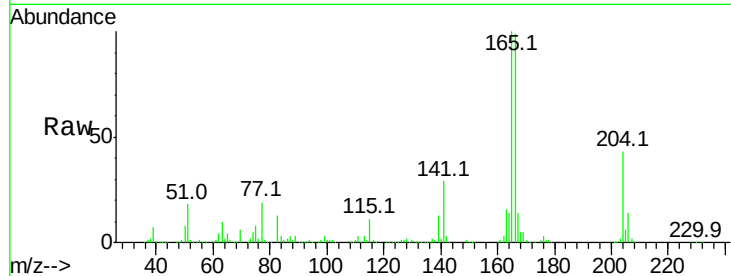
ClientSampleId :

PB100971BS

Tot Ion:	166	Resp:	535391
Ion Ratio	Lower	Upper	
166	100		
165	101.1	78.8	118.2
167	13.9	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.848 ng

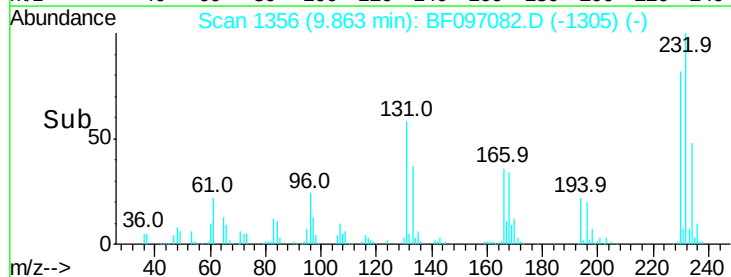
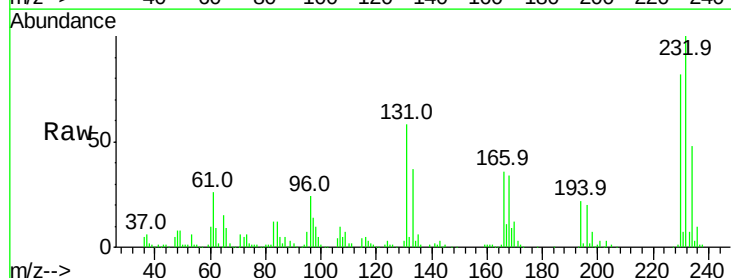
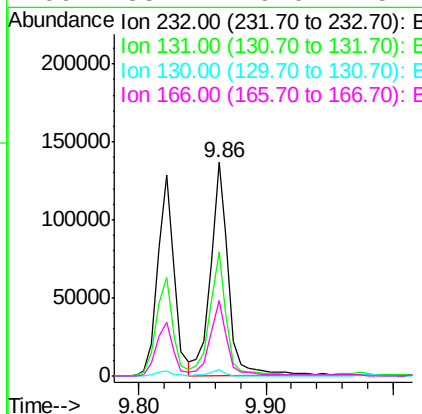
RT: 9.86 min Scan# 1356

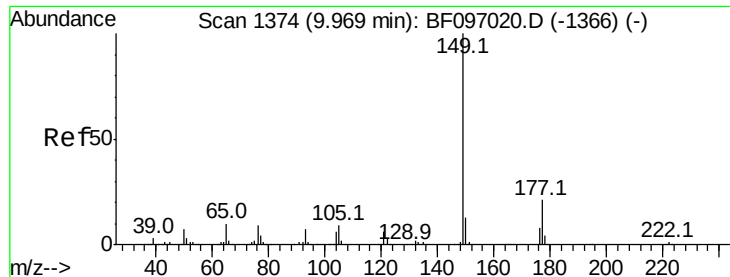
Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Tgt Ion:	232	Resp:	133958
Ion Ratio	Lower	Upper	
232	100		
131	53.4	44.8	67.2
130	2.6	2.3	3.5
166	33.1	29.0	43.4





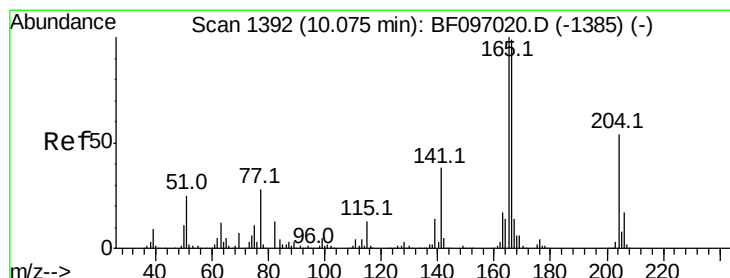
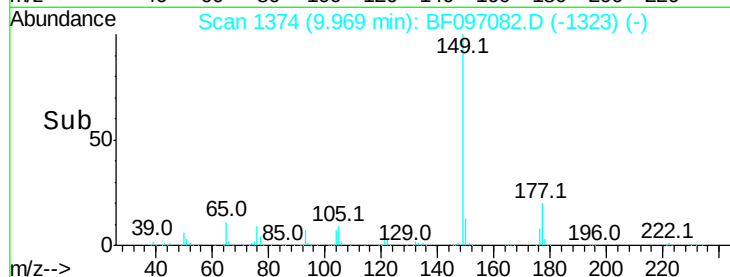
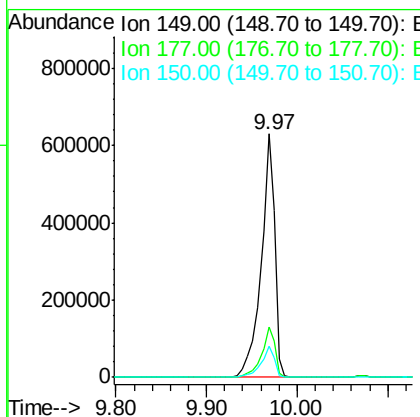
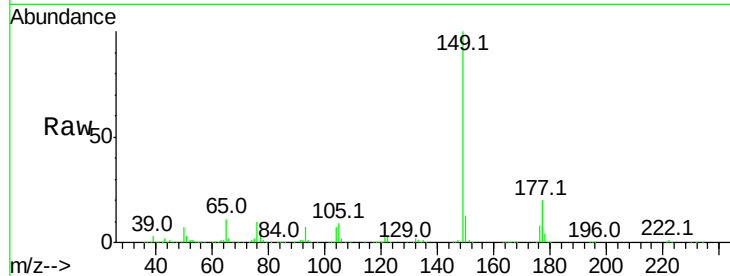
#59
Diethylphthalate
Concen: 44.839 ng
RT: 9.97 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB100971BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	654458		
177	20.5	16.7	25.1	
150	12.8	10.2	15.2	

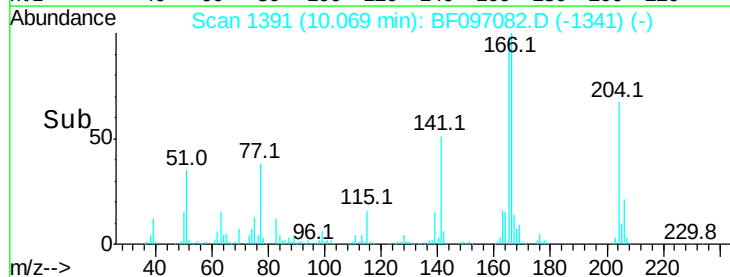
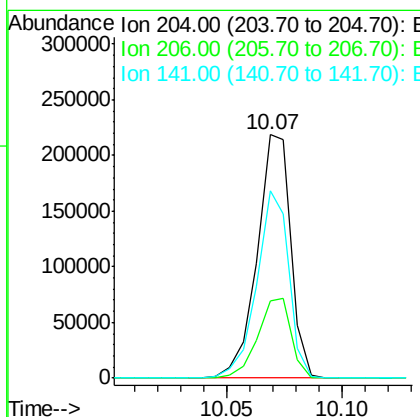
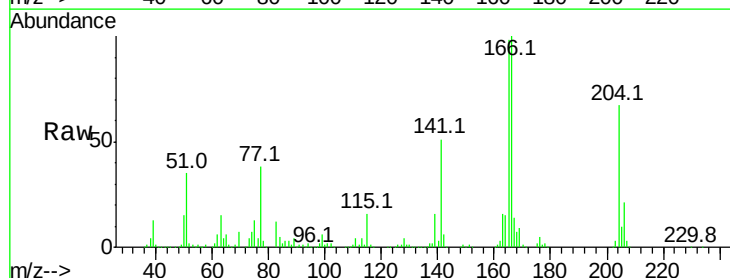
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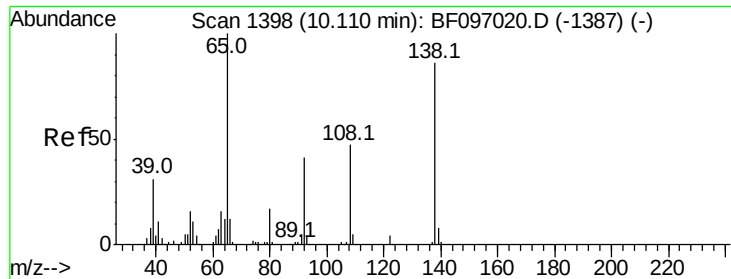
Sohil
7/27/2017 12:31:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.144 ng
RT: 10.07 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	222192		
206	31.9	26.2	39.2	
141	77.1	60.8	91.2	





#61

4-Nitroaniline

Concen: 42.053 ng

RT: 10.12 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

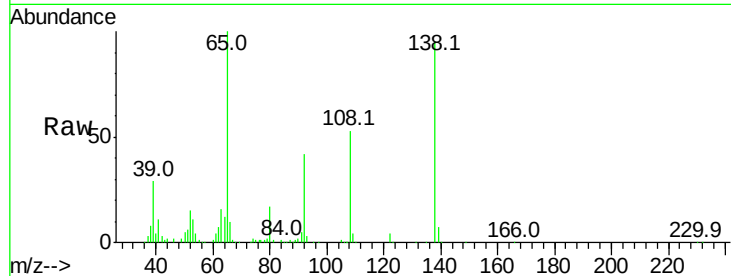
ClientSampleId :

PB100971BS

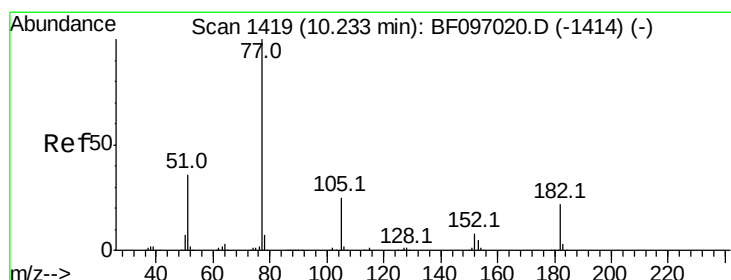
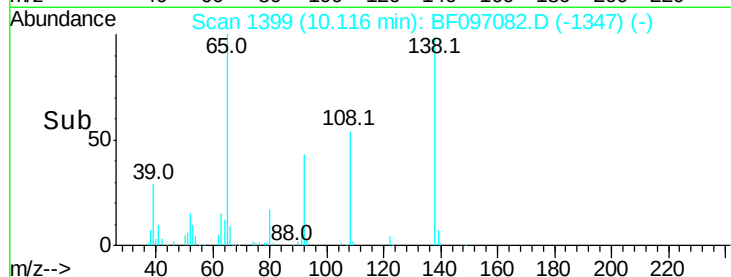
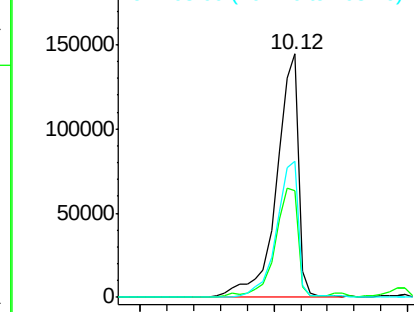
Tot Ion:	138	Resp:	167356
Ion Ratio	Lower	Upper	
138	100		
92	43.9	21.8	61.8
108	55.8	42.3	82.3

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



#62

Azobenzene

Concen: 49.485 ng

RT: 10.23 min Scan# 1419

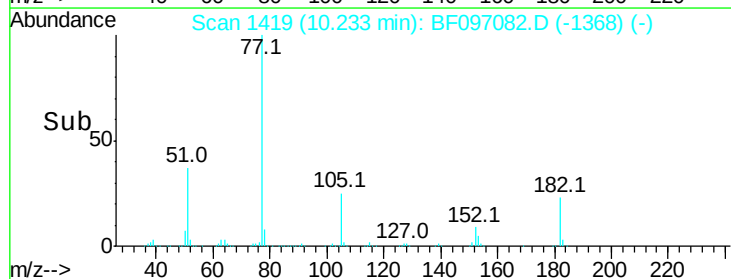
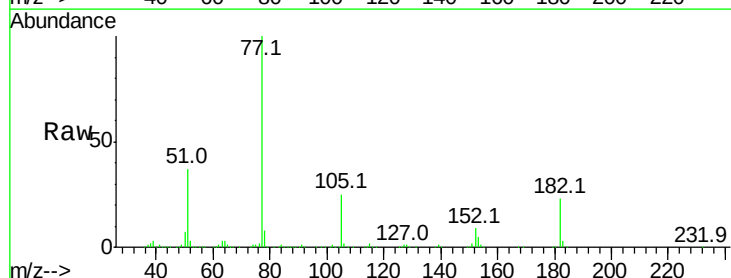
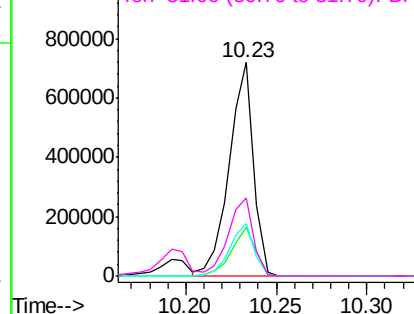
Delta R.T. -0.00 min

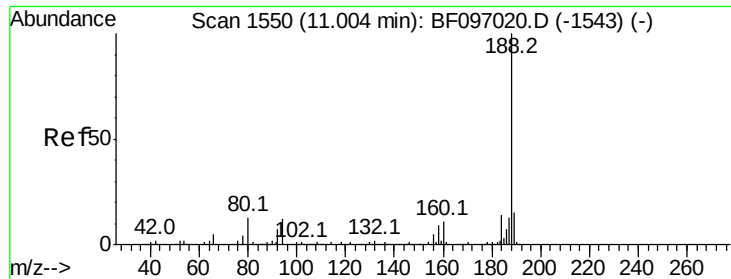
Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Tgt Ion:	77	Resp:	670046
Ion Ratio	Lower	Upper	
77	100		
182	22.7	0.1	40.1
105	24.7	3.6	43.6
51	36.9	9.4	49.4

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





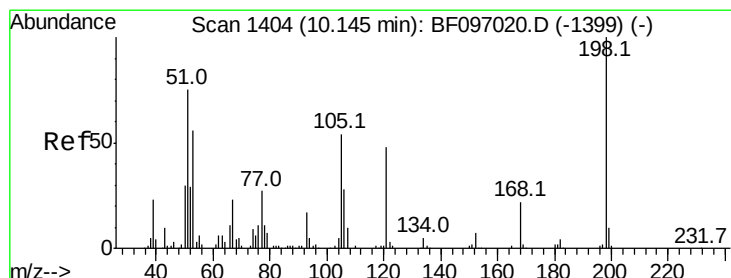
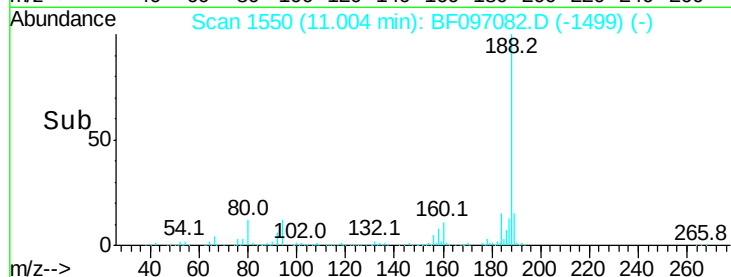
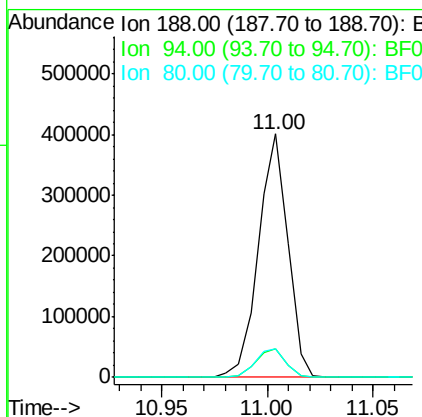
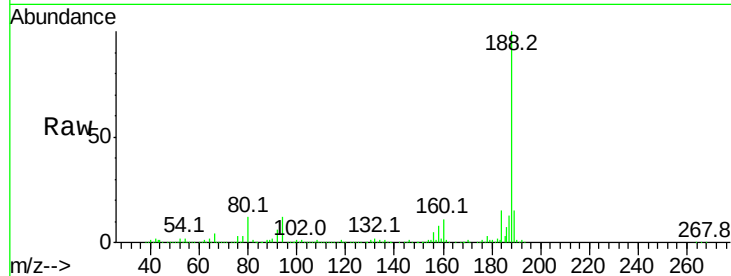
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.00 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampled :
PB100971BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	389367		
94	12.0		9.4	14.2
80	11.7		10.2	15.2

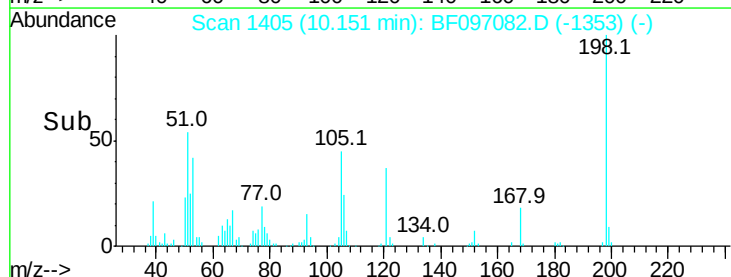
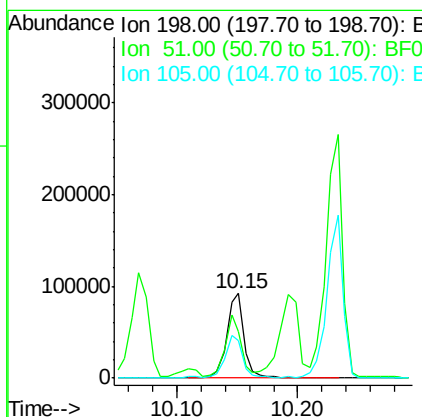
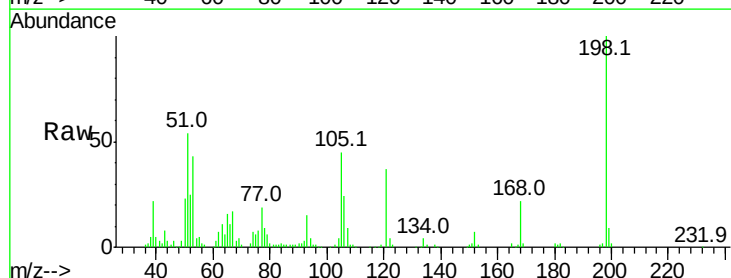
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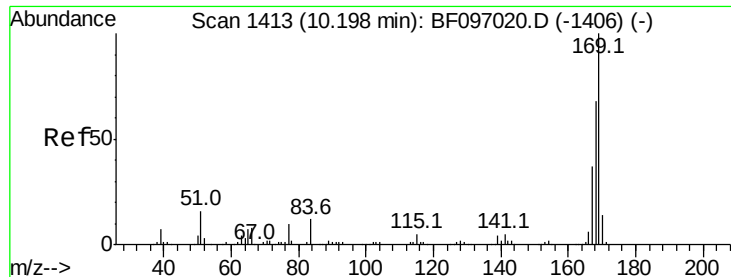
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.803 ng
RT: 10.15 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	91464		
51	54.4		53.2	93.2
105	45.0		45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 37.188 ng

RT: 10.20 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

PB100971BS

Tot Ion:169 Resp: 503812

Ion Ratio Lower Upper

169 100

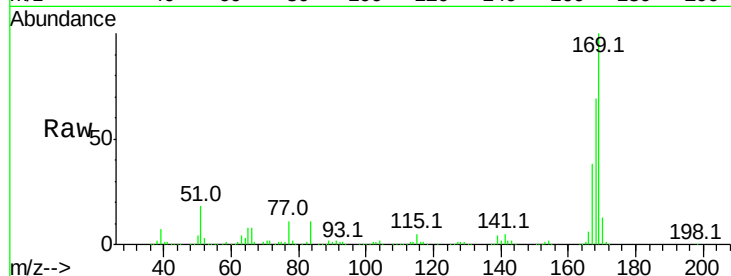
168 69.2 53.2 79.8

167 37.7 29.5 44.3

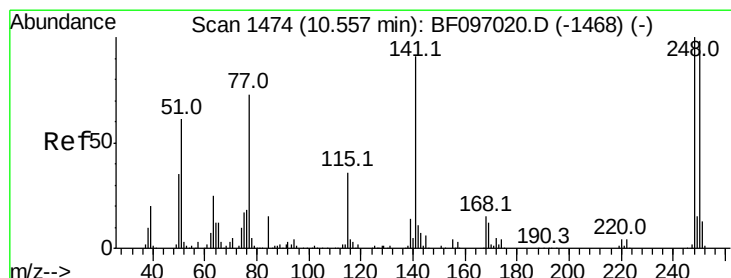
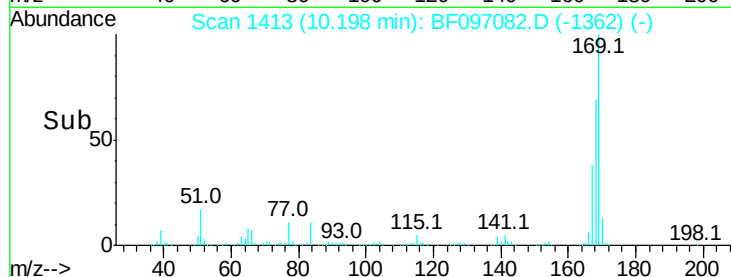
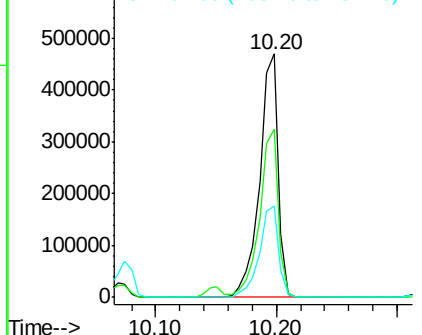
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.835 ng

RT: 10.56 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

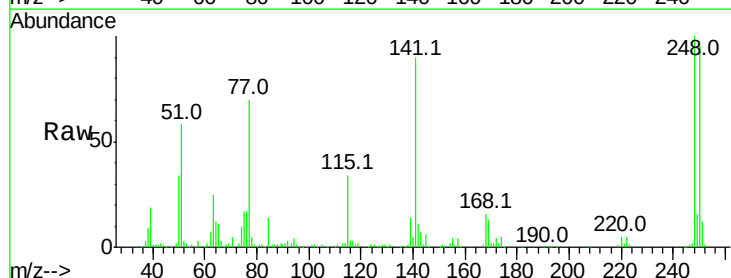
Tgt Ion:248 Resp: 154788

Ion Ratio Lower Upper

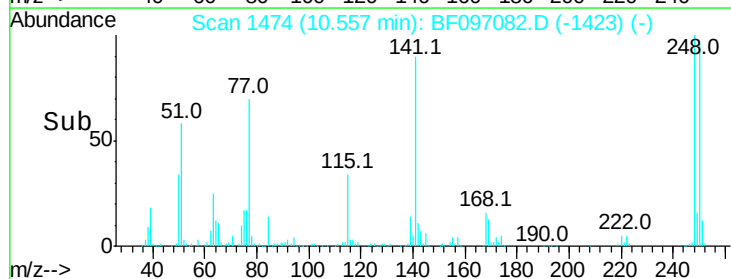
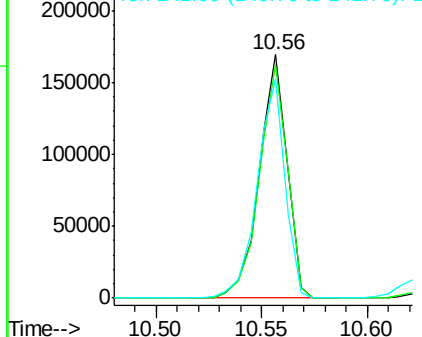
248 100

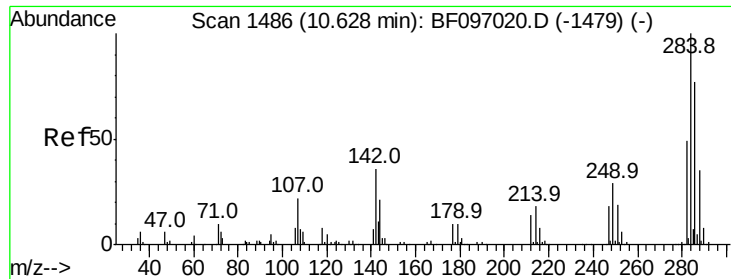
250 95.9 76.8 115.2

141 90.1 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: 36.386 ng

RT: 10.62 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

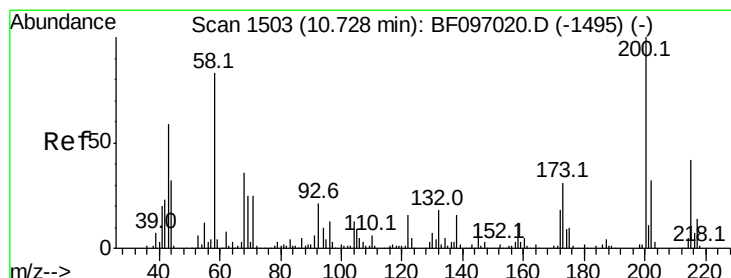
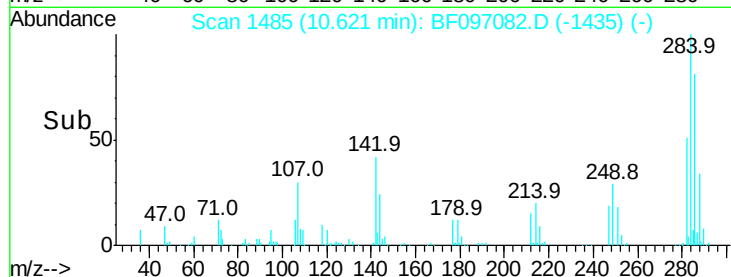
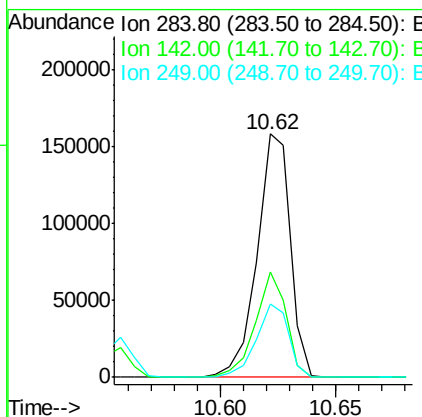
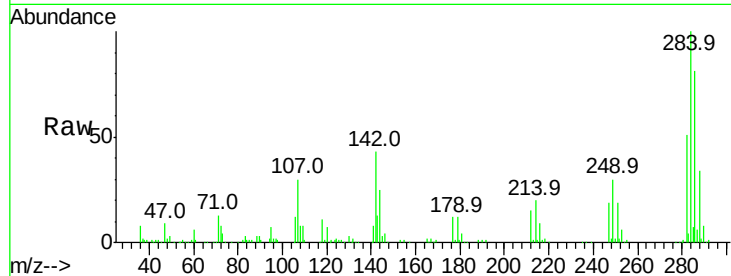
ClientSampleId :

PB100971BS

Tot Ion:	284	Resp:	158553
Ion Ratio	Lower	Upper	
284	100		
142	43.5	22.8	34.2#
249	30.0	24.0	36.0

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#68

Atrazine

Concen: 39.465 ng

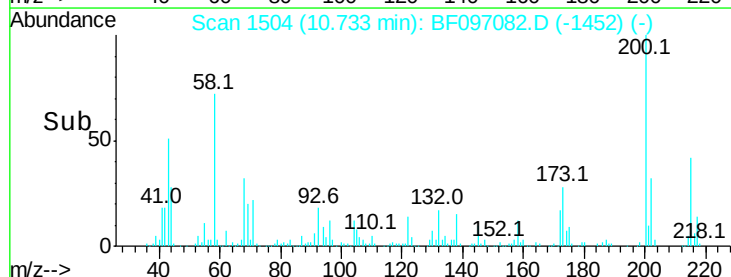
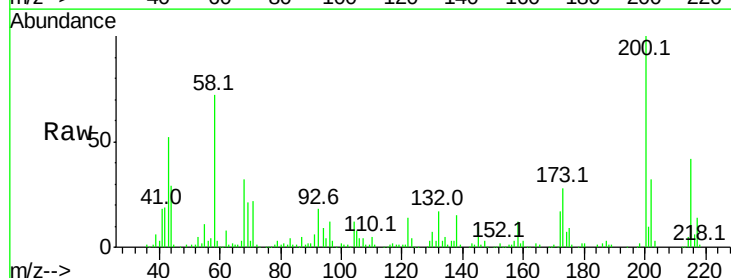
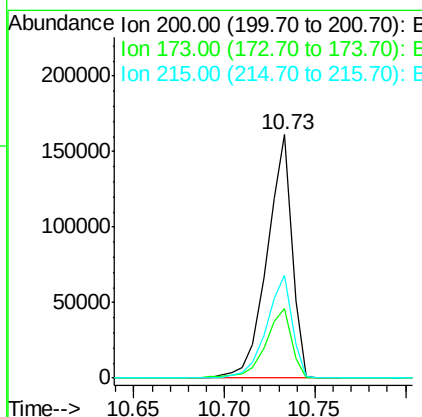
RT: 10.73 min Scan# 1504

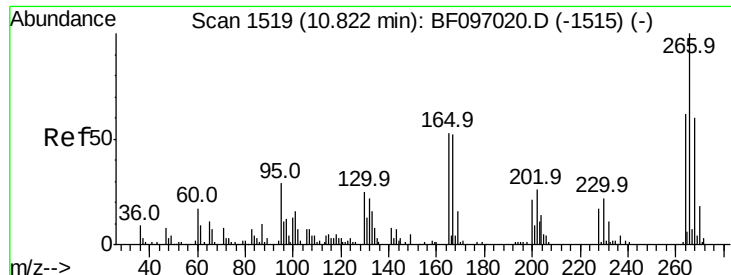
Delta R.T. 0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Tgt Ion:	200	Resp:	153316
Ion Ratio	Lower	Upper	
200	100		
173	28.4	6.3	46.3
215	42.4	27.2	67.2





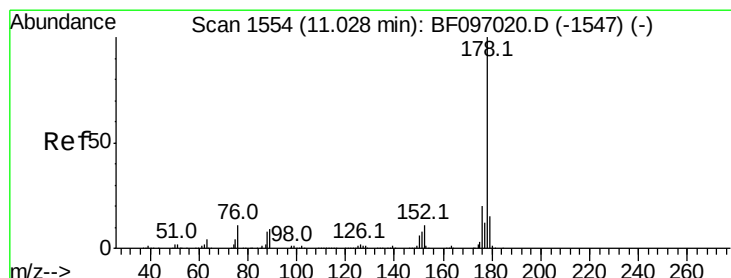
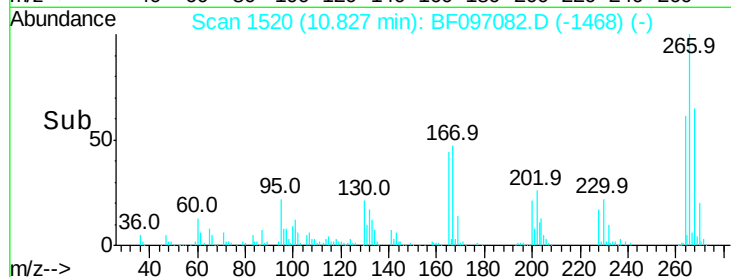
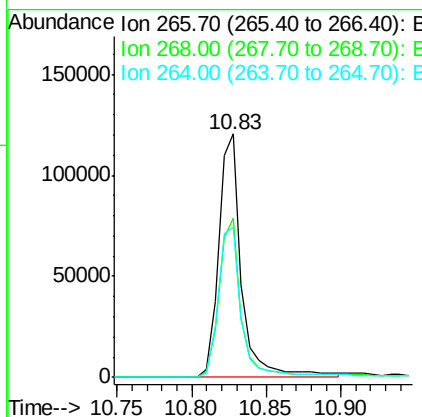
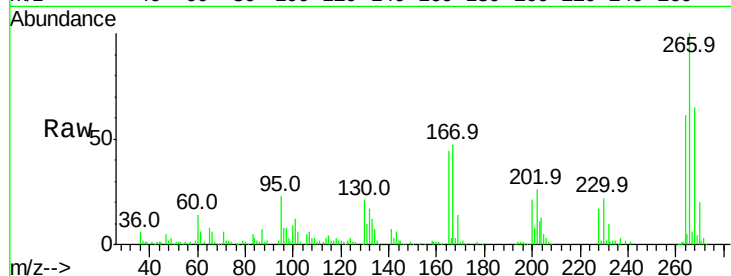
#69
 Pentachlorophenol
 Concen: 71.836 ng
 RT: 10.83 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB100971BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	129515		
268	65.4		51.1	76.7
264	61.5		51.7	77.5

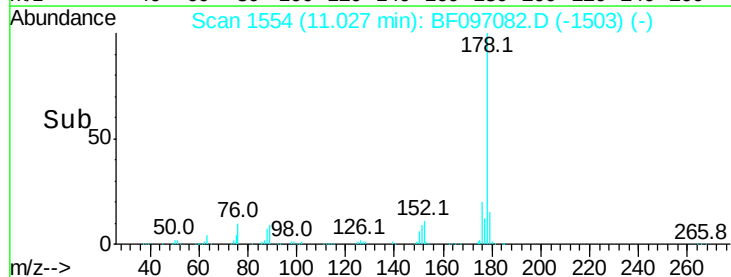
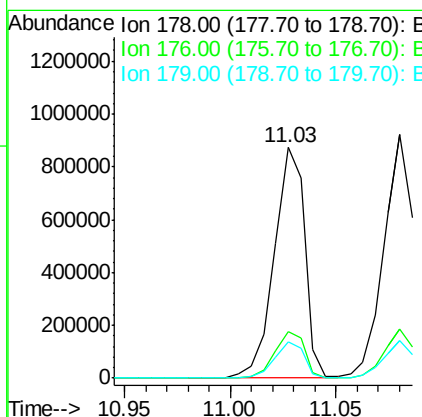
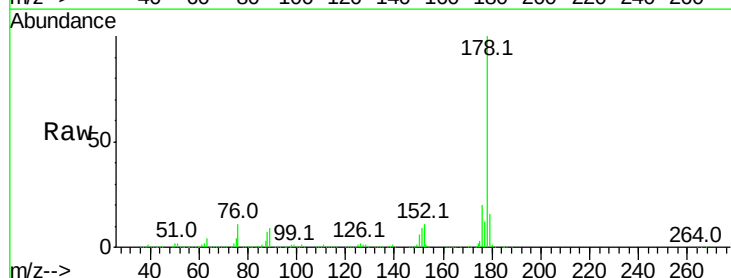
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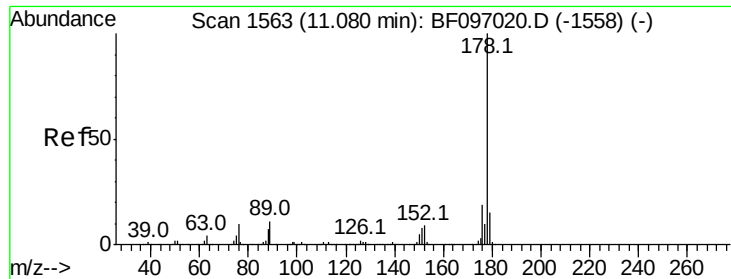
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#70
 Phenanthrene
 Concen: 42.116 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	878645		
176	20.1		16.2	24.4
179	15.7		12.6	19.0





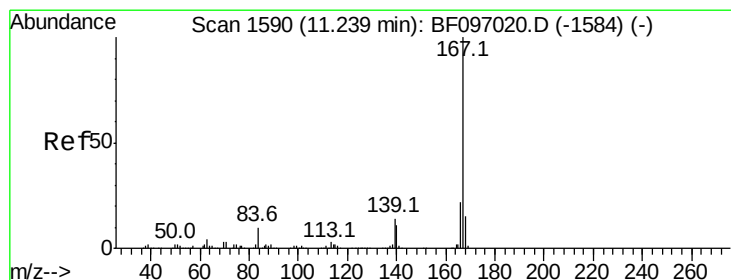
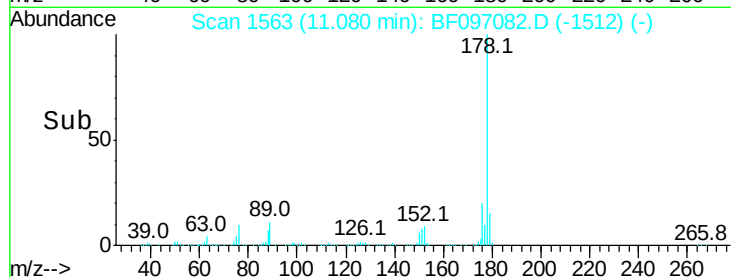
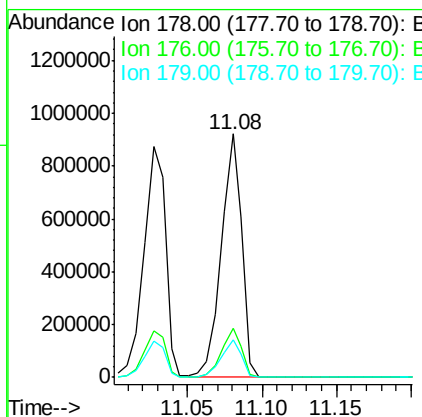
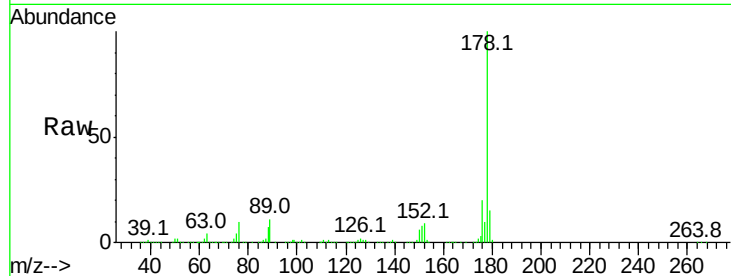
#71
 Anthracene
 Concen: 41.957 ng
 RT: 11.08 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB100971BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.3	12.7	19.1

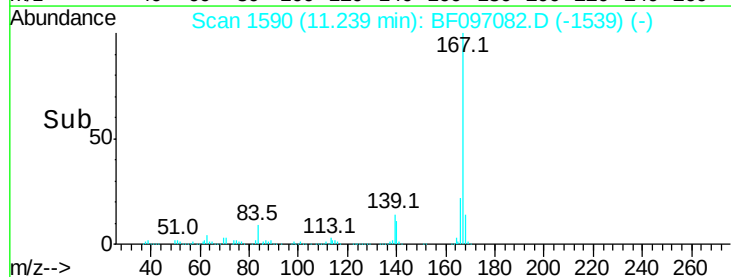
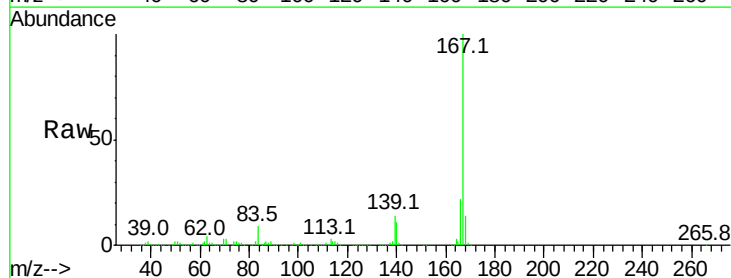
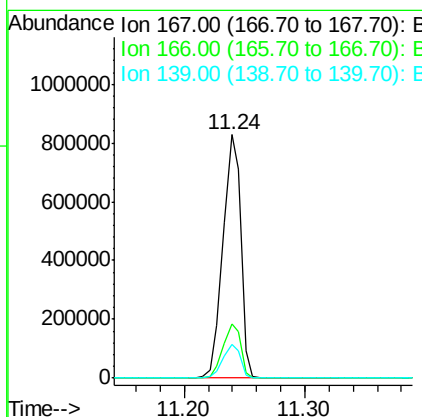
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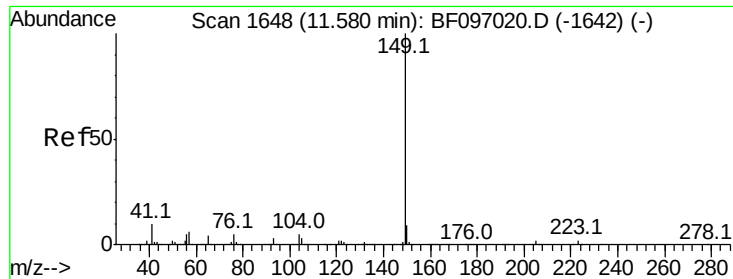
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#72
 Carbazole
 Concen: 40.128 ng
 RT: 11.24 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	14.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 38.107 ng

RT: 11.59 min Scan# 1649

Delta R.T. 0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

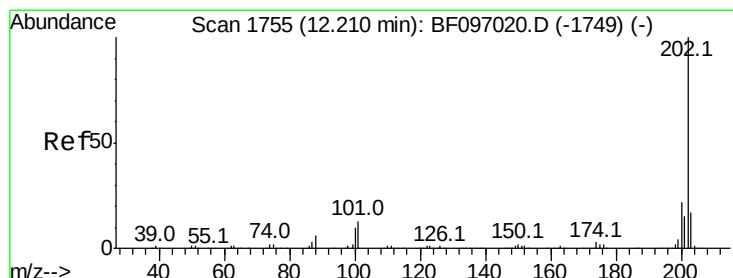
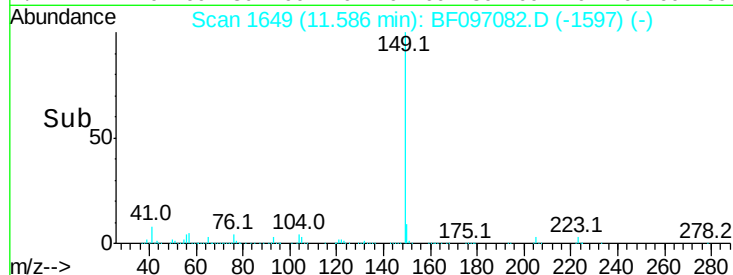
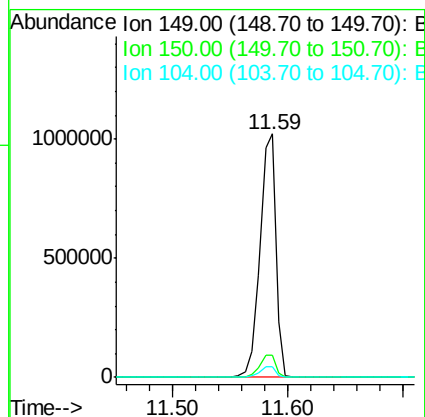
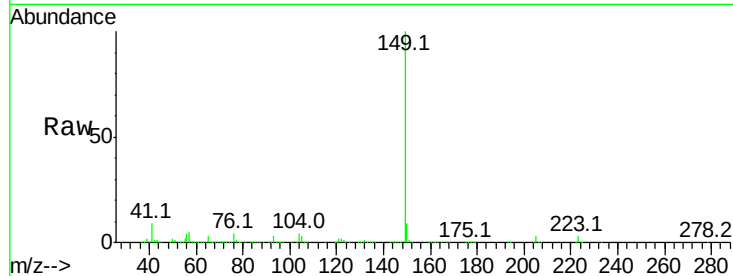
ClientSampleId :

PB100971BS

Tot Ion:	149	Resp:	989885
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.1	4.0	6.0

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#74

Fluoranthene

Concen: 39.205 ng

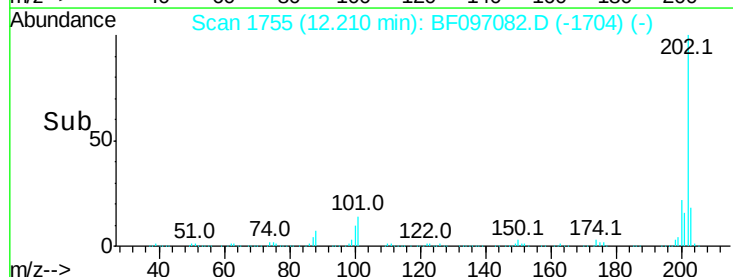
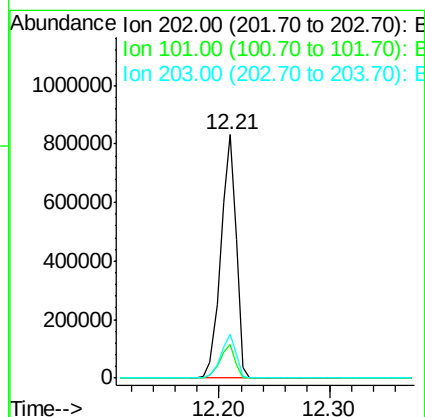
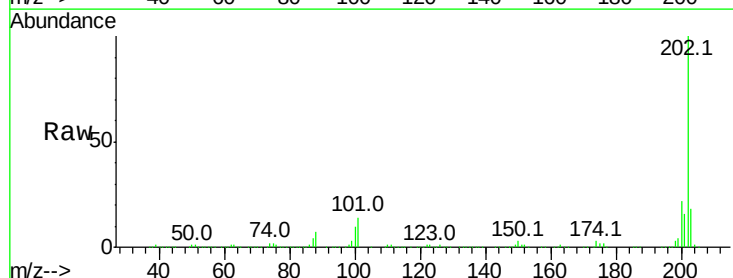
RT: 12.21 min Scan# 1755

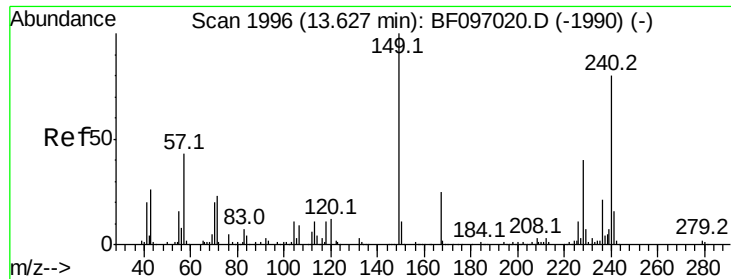
Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Tgt Ion:	202	Resp:	801273
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	33.2
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.63 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

ClientSampleId :

PB100971BS

Tot Ion:240 Resp: 216709
Ion Ratio Lower Upper

240 100

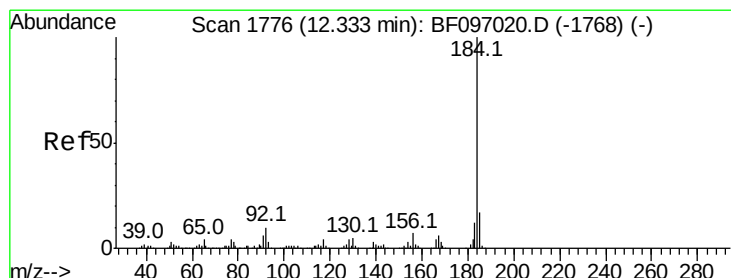
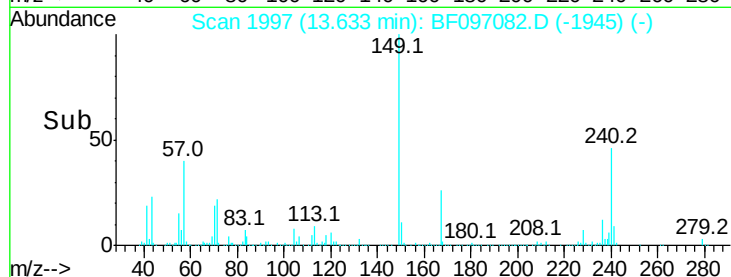
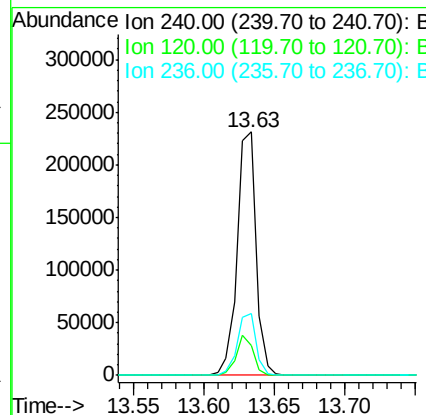
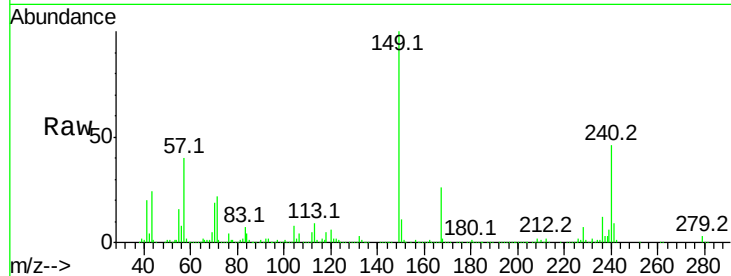
120 12.1 5.8 8.8#

236 25.3 20.5 30.7

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#76

Benzidine

Concen: 31.726 ng

RT: 12.33 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF097082.D

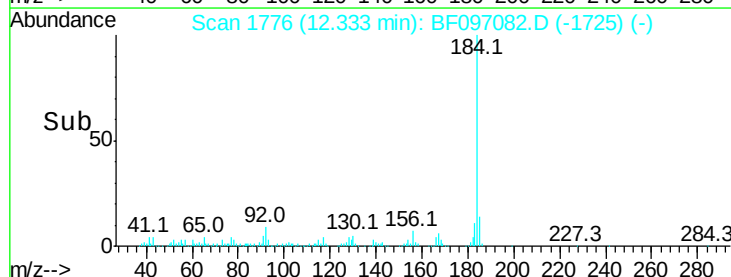
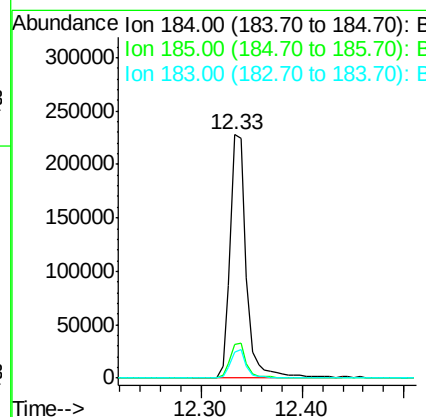
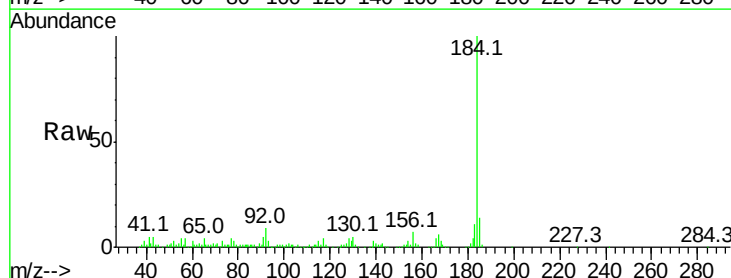
Acq: 26 Jul 2017 18:31

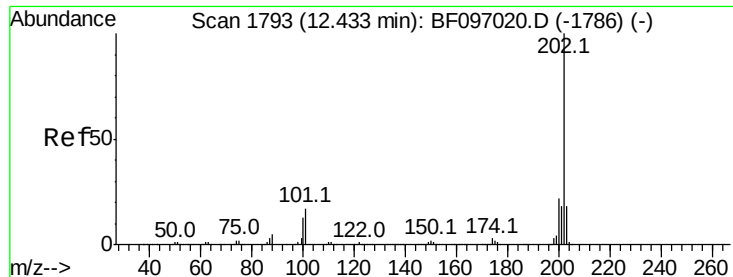
Tgt Ion:184 Resp: 255108
Ion Ratio Lower Upper

184 100

185 13.6 15.5 23.3#

183 10.8 9.8 14.6





#77

Pvrene

Concen: 44.272 ng

RT: 12.43 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Instrument :

BNA_F

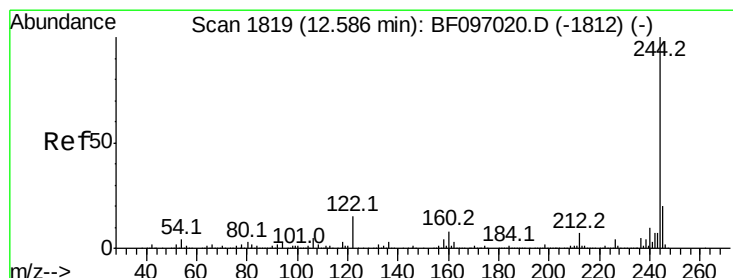
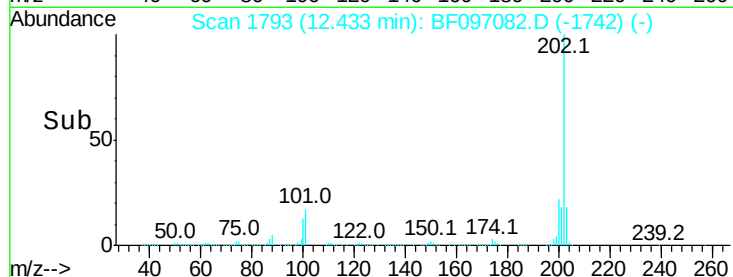
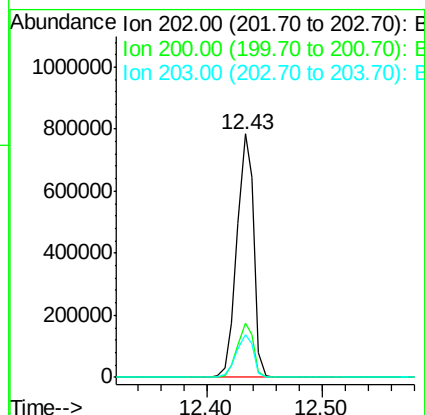
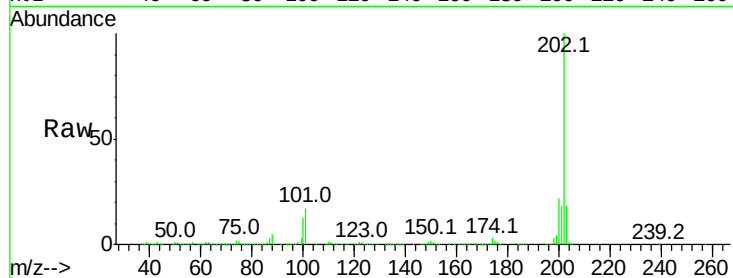
ClientSampled :

PB100971BS

Tot Ion:	202	Resp:	785436
Ion Ratio	Lower	Upper	
202	100		
200	22.4	17.6	26.4
203	17.7	14.4	21.6

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#78

Terphenyl-d14

Concen: 85.053 ng

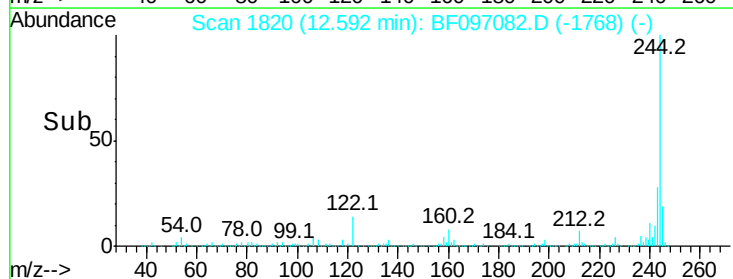
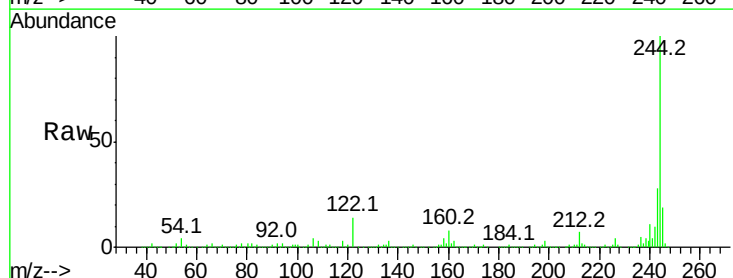
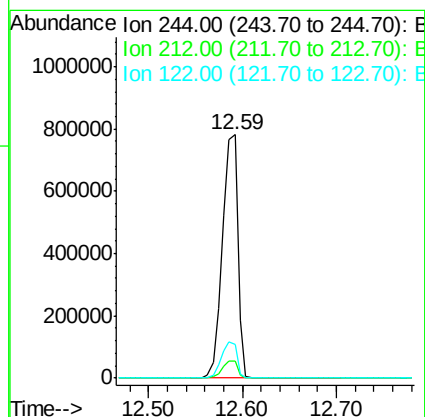
RT: 12.59 min Scan# 1820

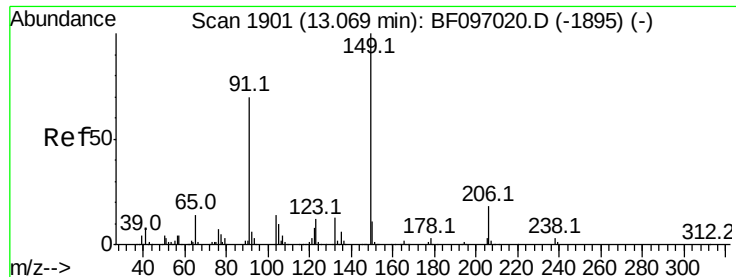
Delta R.T. 0.01 min

Lab File: BF097082.D

Acq: 26 Jul 2017 18:31

Tgt Ion:	244	Resp:	904028
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	13.7	10.3	15.5





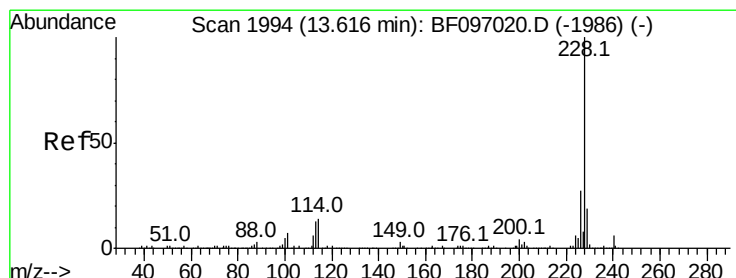
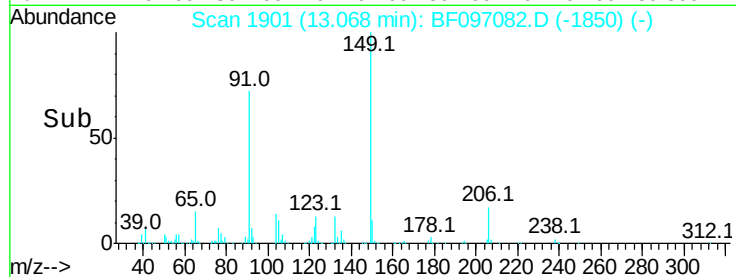
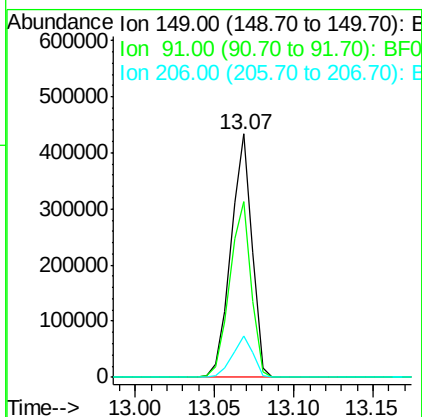
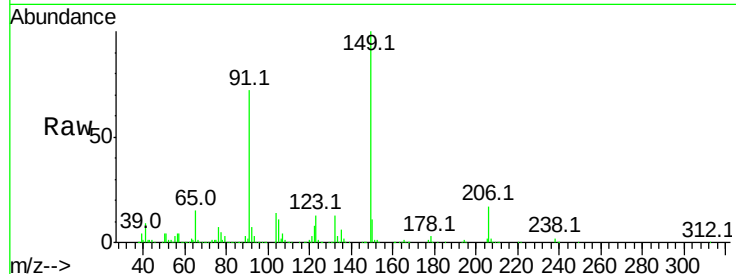
#79
Butylbenzylphthalate
Concen: 44.136 ng
RT: 13.07 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB100971BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	72.2	45.0	67.4#	
206	17.2	17.0	25.6	

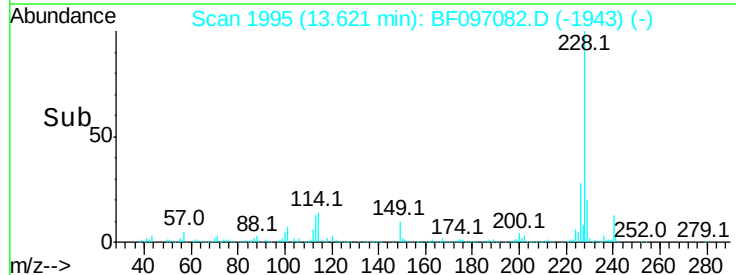
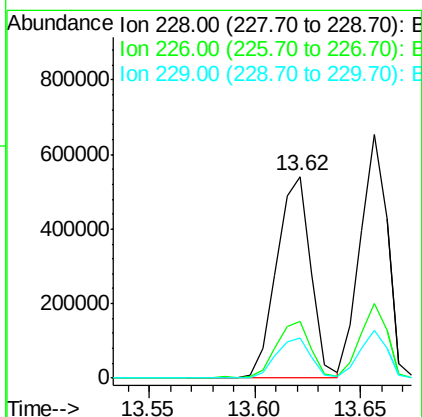
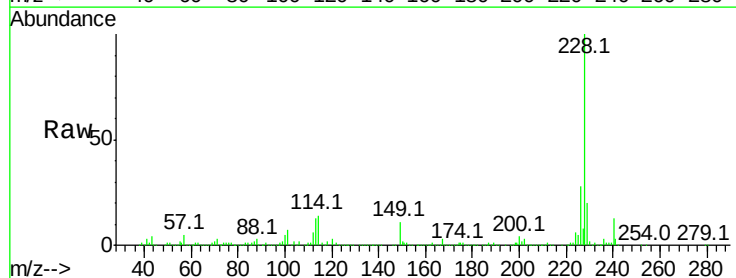
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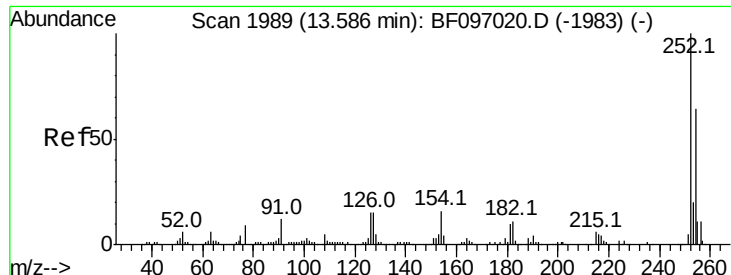
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#80
Benzo(a)anthracene
Concen: 43.495 ng
RT: 13.62 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.3	22.6	33.8	
229	19.8	16.3	24.5	





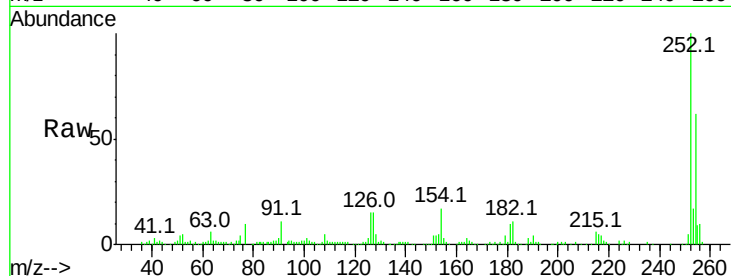
#81
 3,3'-Dichlorobenzidine
 Concen: 31.201 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB100971BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	164981		
254	62.3	51.5	77.3	
126	15.4	15.8	23.8	

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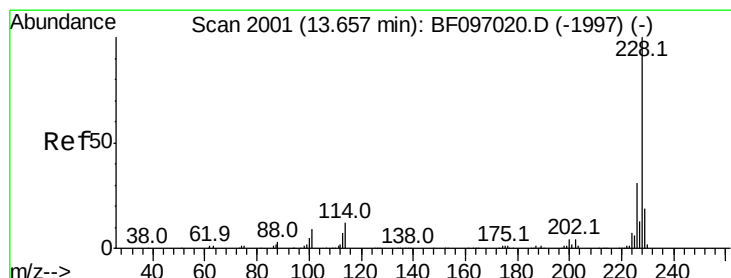
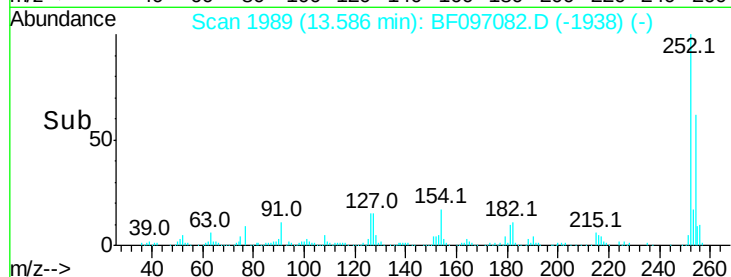
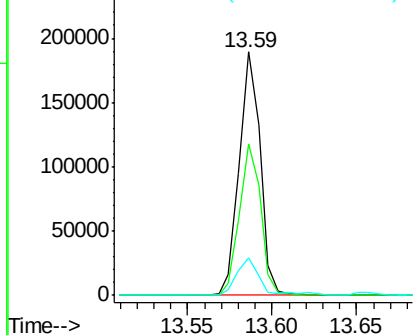


Abundance

Ion 252.00 (251.70 to 252.70): E

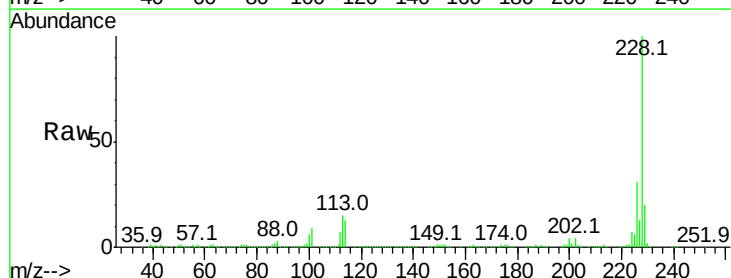
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 43.115 ng
 RT: 13.66 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	590331		
226	30.8	24.9	37.3	
229	19.8	15.8	23.6	

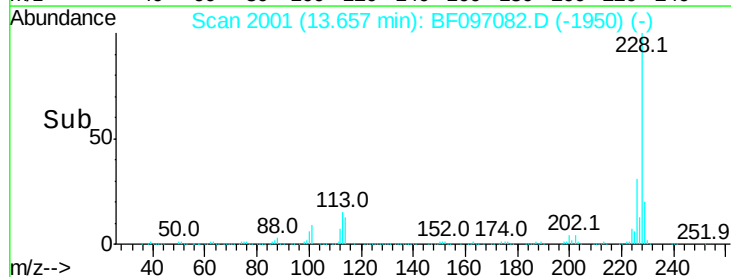
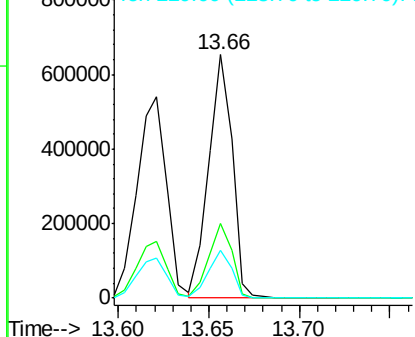


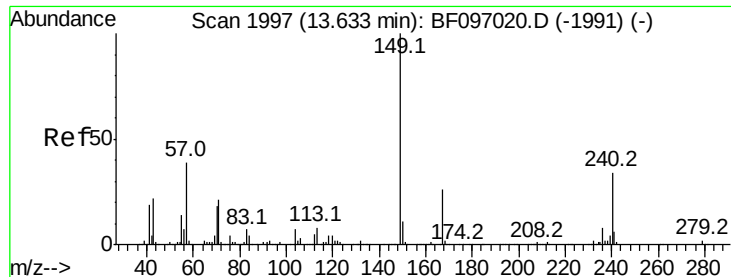
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





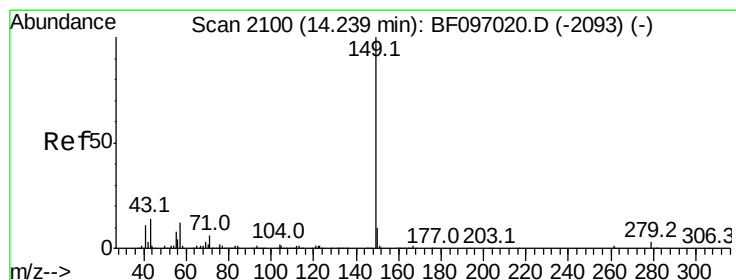
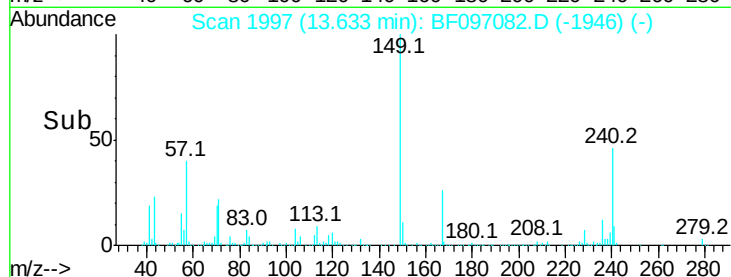
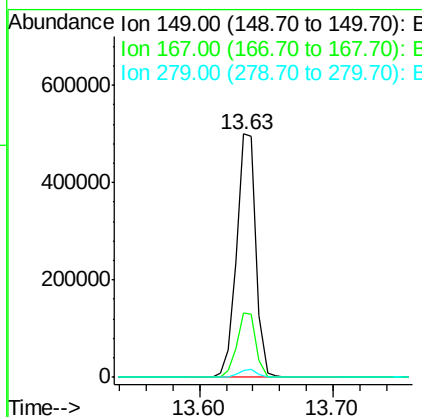
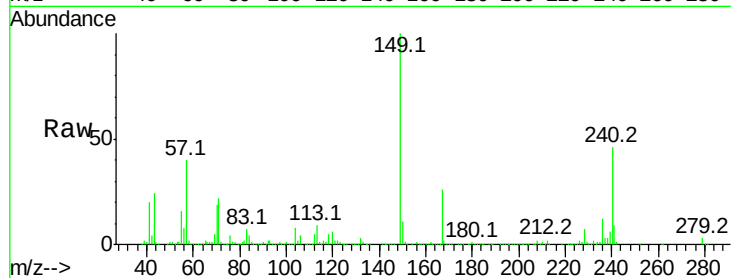
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.960 ng
 RT: 13.63 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB100971BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	506190		
167	26.4	21.0	31.4	
279	2.7	1.9	2.9	

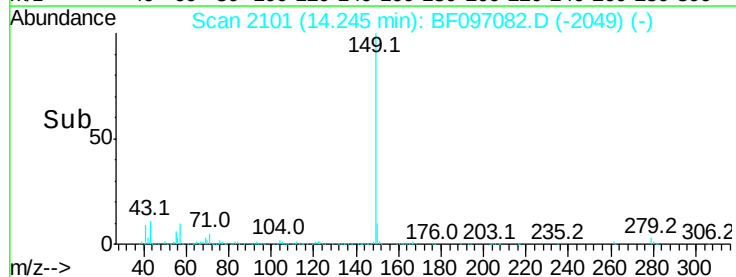
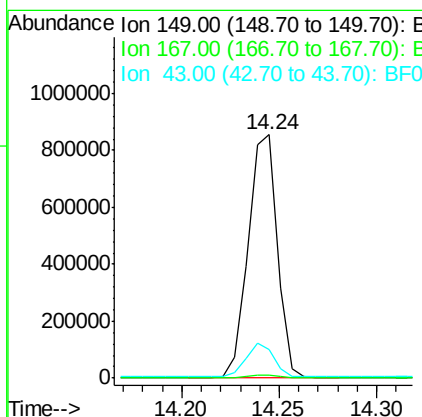
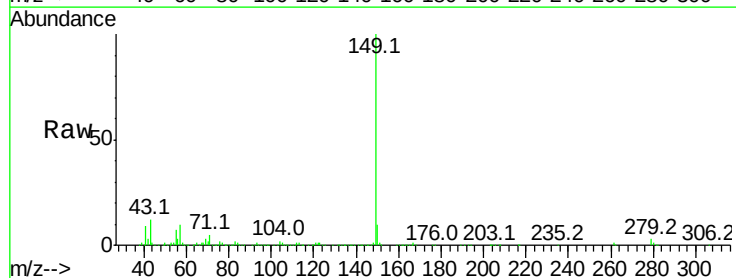
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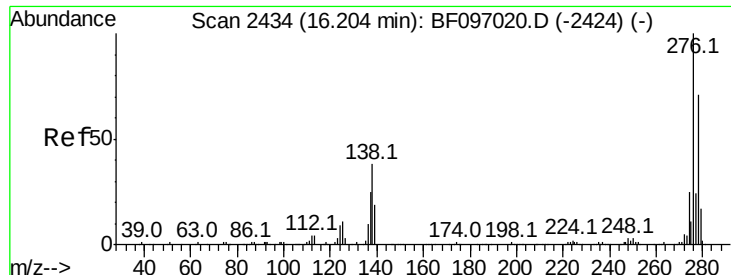
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#84
 Di-n-octyl phthalate
 Concen: 40.936 ng
 RT: 14.24 min Scan# 2101
 Delta R.T. 0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	885157		
167	1.5	1.2	1.8	
43	13.3	8.5	12.7#	





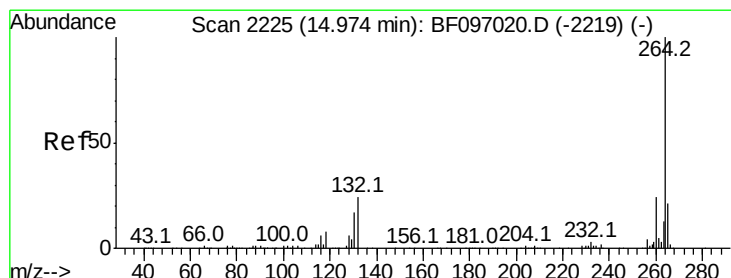
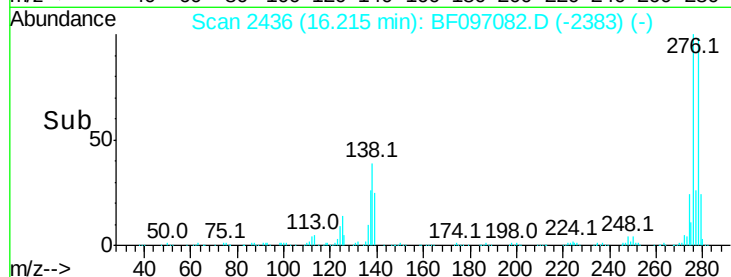
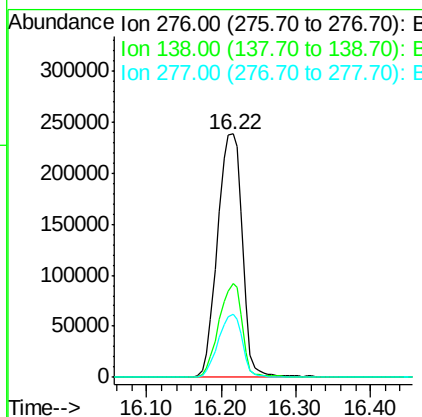
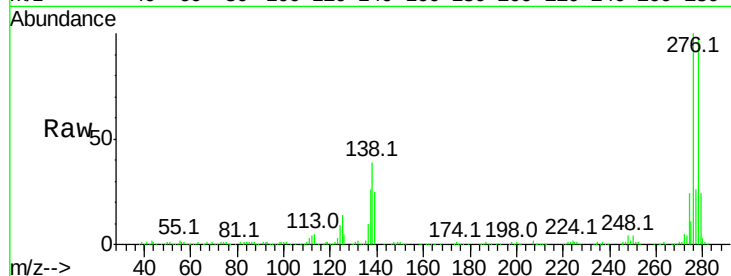
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.232 ng
 RT: 16.22 min Scan# 2436
 Delta R.T. 0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB100971BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.7	27.8	41.6
277	25.1	20.2	30.4

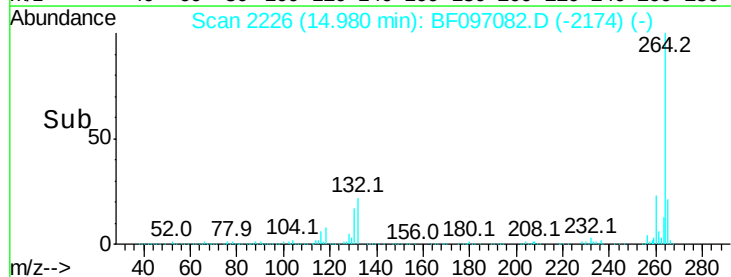
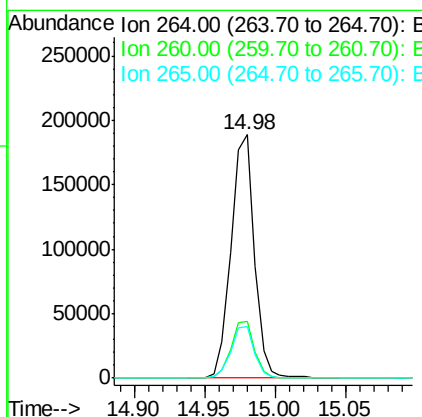
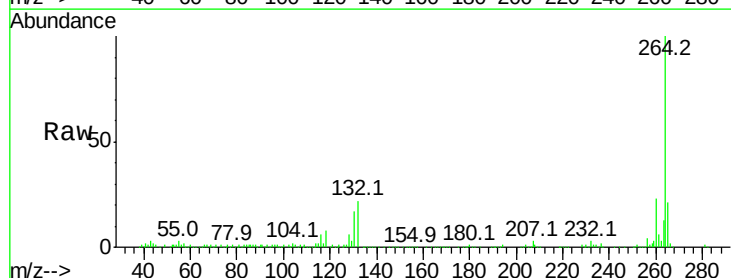
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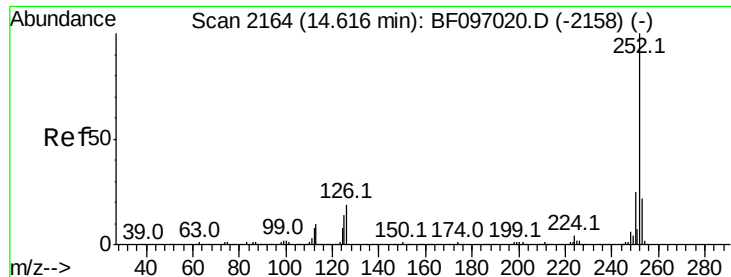
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.98 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.1	17.2	25.8





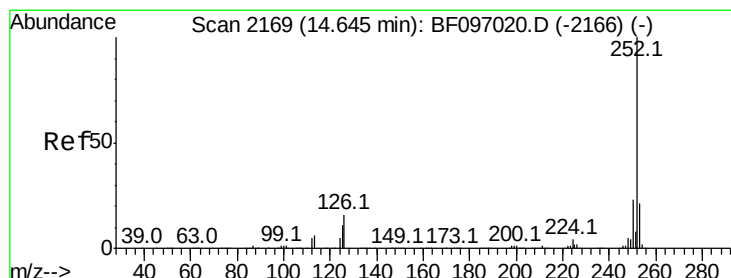
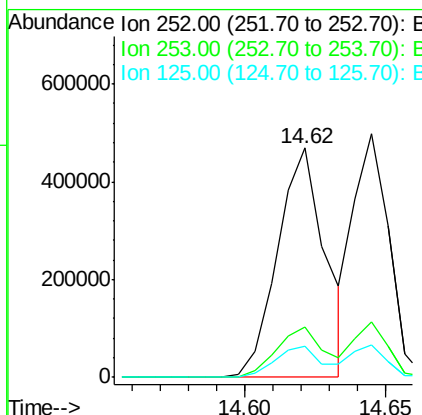
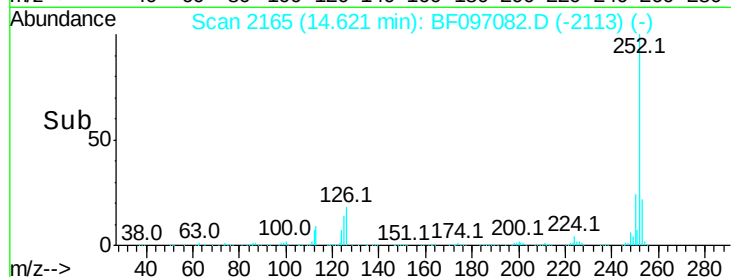
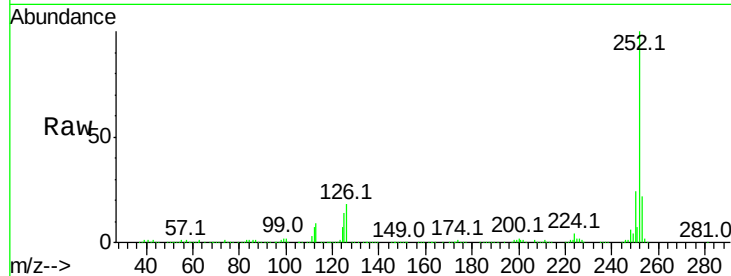
#87
Benzo(b)fluoranthene
Concen: 42.122 ng
RT: 14.62 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB100971BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	13.6	9.8	14.8

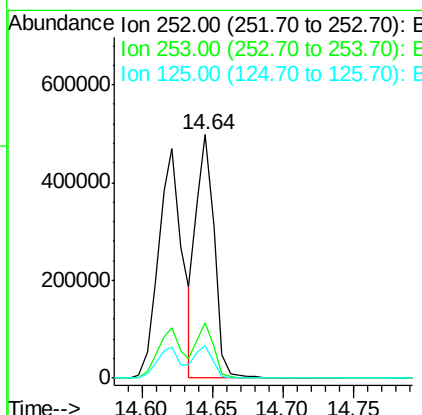
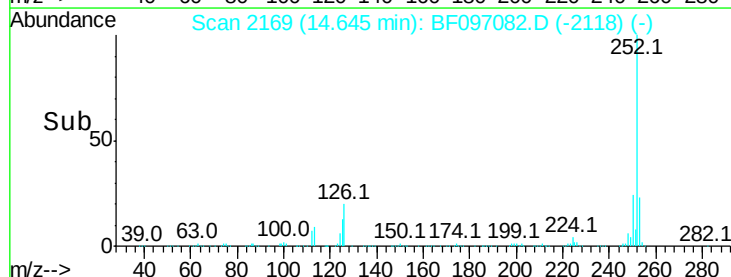
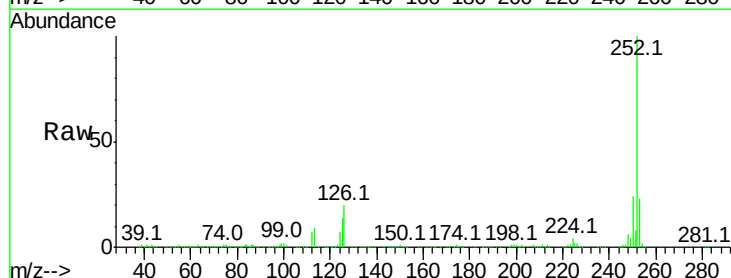
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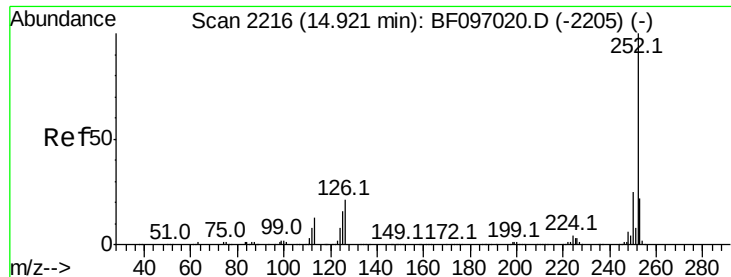
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#88
Benzo(k)fluoranthene
Concen: 35.309 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	13.6	13.1	19.7





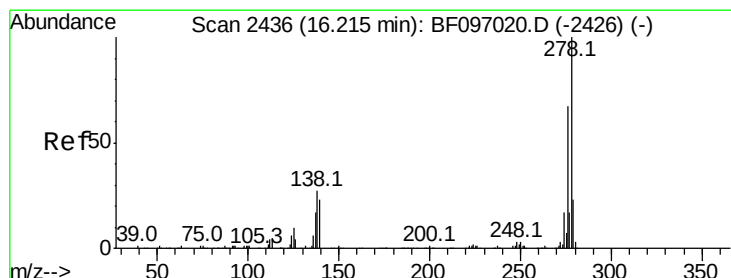
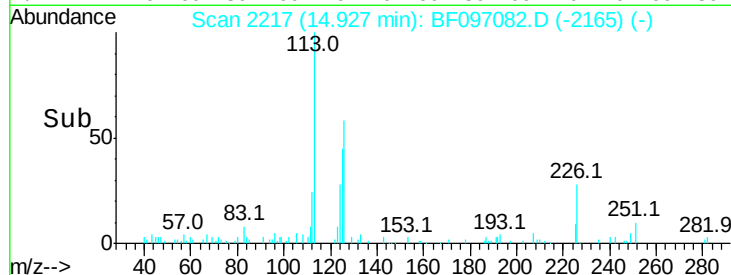
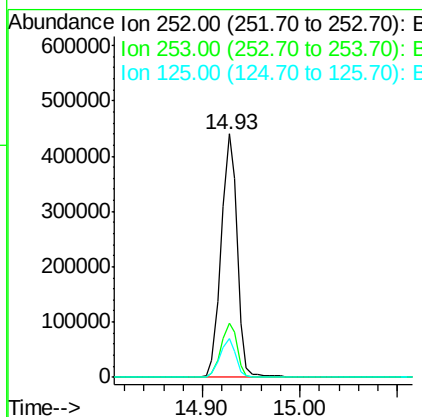
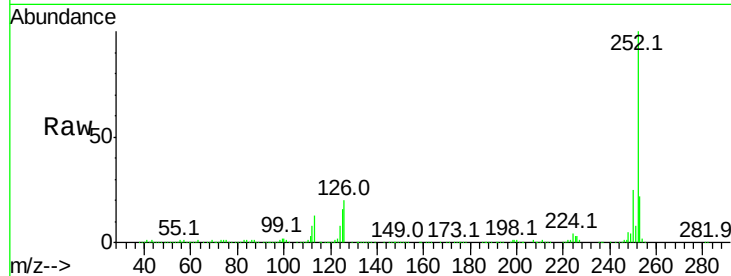
#89
Benzo(a)pyrene
Concen: 42.221 ng
RT: 14.93 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB100971BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	15.8	11.0	16.4

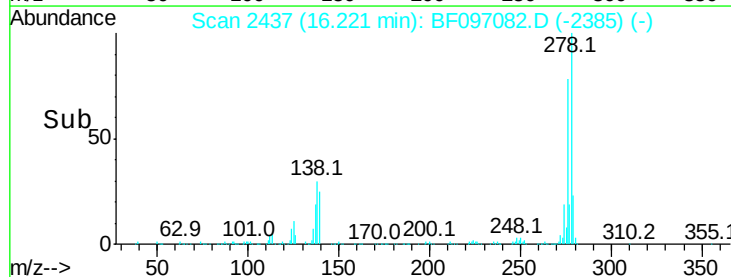
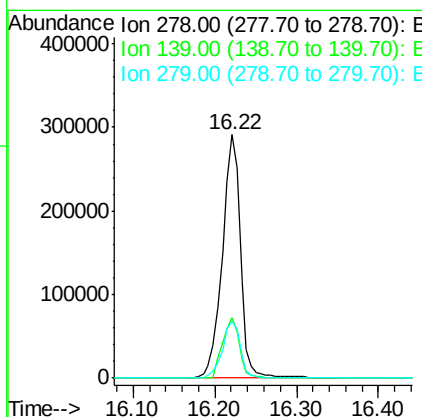
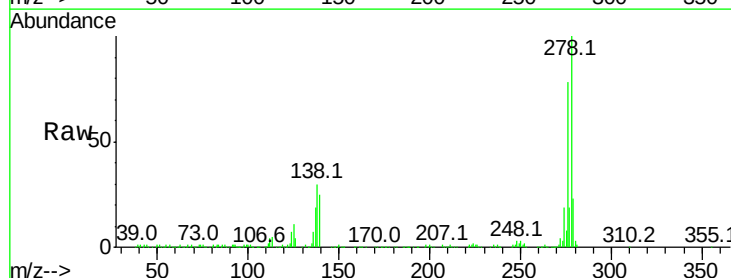
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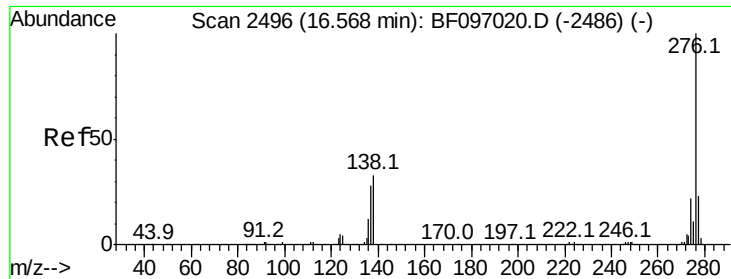
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#90
Dibenzo(a,h)anthracene
Concen: 45.895 ng
RT: 16.22 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BF097082.D
Acq: 26 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.7	16.6	24.8
279	23.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 47.156 ng
 RT: 16.57 min Scan# 2497
 Delta R.T. 0.01 min
 Lab File: BF097082.D
 Acq: 26 Jul 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB100971BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	28.0
138	33.6	25.4	38.0

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