

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097478.D
 Acq On : 8 Aug 2017 19:48
 Operator : SJ/JU
 Sample : PB101311BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101311BS

Manual Integrations
 APPROVED

Sohil
 8/9/2017 7:16:25 PM

Quant Time: Aug 09 16:23:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	107898	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	422110	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	204817	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	339159	20.00	ng	0.00
75) Chrysene-d12	13.53	240	209584	20.00	ng	0.00
86) Perylene-d12	14.87	264	218028	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.02	112	932754	130.32	ng	0.01
7) Phenol-d6	6.09	99	1028950	125.93	ng	0.00
23) Nitrobenzene-d5	6.99	82	644898	89.63	ng	0.00
41) 2,4,6-Tribromophenol	10.23	330	197510	122.05	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	995200	82.46	ng	0.00
78) Terphenyl-d14	12.49	244	824661	80.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.99	88	111868	37.453	ng	# 67
3) Pyridine	2.57	79	330221	36.105	ng	# 58
4) n-Nitrosodimethylamine	2.54	42	215164	42.464	ng	# 78
6) Aniline	6.07	93	239626	23.304	ng	# 81
8) 2-Chlorophenol	6.20	128	320335	41.856	ng	93
9) Benzaldehyde	5.95	77	155262	32.102	ng	94
10) Phenol	6.10	94	402815	41.561	ng	97
11) bis(2-Chloroethyl)ether	6.16	93	320353	41.791	ng	91
12) 1,3-Dichlorobenzene	6.35	146	343482	41.646	ng	99
13) 1,4-Dichlorobenzene	6.42	146	355287	43.467	ng	95
14) 1,2-Dichlorobenzene	6.57	146	292916	41.043	ng	99
15) Benzyl Alcohol	6.57	79	263511	50.936	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.70	45	645056	41.955	ng	61
17) 2-Methylphenol	6.70	107	261033	44.192	ng	# 88
18) Hexachloroethane	6.91	117	125098	41.835	ng	# 81
19) n-Nitroso-di-n-propylamine	6.85	70	231130	42.973	ng	# 81
20) 3+4-Methylphenols	6.86	107	360507	46.730	ng	# 64
22) Acetophenone	6.83	105	448112	44.206	ng	97
24) Nitrobenzene	7.00	77	338330	45.148	ng	# 96
25) Isophorone	7.25	82	553079	39.250	ng	97
26) 2-Nitrophenol	7.32	139	169897	41.905	ng	# 86
27) 2,4-Dimethylphenol	7.38	122	276961	41.412	ng	97
28) bis(2-Chloroethoxy)methane	7.46	93	368942	40.121	ng	100
29) 2,4-Dichlorophenol	7.57	162	253273	43.959	ng	97
30) 1,2,4-Trichlorobenzene	7.64	180	230520	41.976	ng	98
31) Naphthalene	7.71	128	857065	43.073	ng	100
32) Benzoic acid	7.56	122	183780	36.800	ng	96
33) 4-Chloroaniline	7.78	127	118644	14.654	ng	96
34) Hexachlorobutadiene	7.83	225	120913	41.531	ng	98
35) Caprolactam	8.17	113	98702m	53.425	ng	
36) 4-Chloro-3-methylphenol	8.29	107	291092	46.310	ng	87
37) 2-Methylnaphthalene	8.40	142	614855	48.805	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.57	216	220191	40.291	ng	99
40) Hexachlorocyclopentadiene	8.56	237	106869	57.905	ng	100

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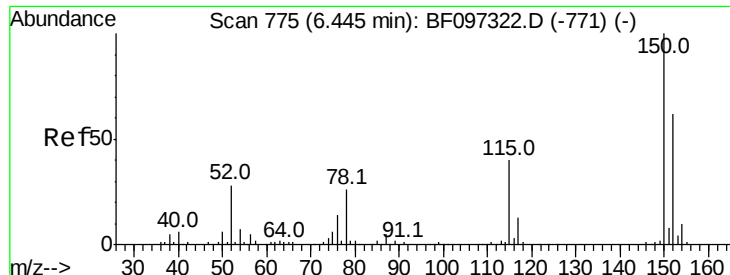
Manual Integrations
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Sohil
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	144838	36.572	nq	96
43) 2,4,5-Trichlorophenol	8.75	196	140379	35.413	nq	96
45) 1,1'-Biphenyl	8.87	154	645133	36.877	nq	98
46) 2-Chloronaphthalene	8.89	162	500127	38.849	nq	93
47) 2-Nitroaniline	9.00	65	199317	42.661	nq	95
48) Acenaphthylene	9.30	152	755980	38.258	nq	99
49) Dimethylphthalate	9.18	163	600237	38.592	nq	100
50) 2,6-Dinitrotoluene	9.25	165	126406	38.319	nq	# 72
51) Acenaphthene	9.47	154	498109	42.795	nq	99
52) 3-Nitroaniline	9.42	138	84503	20.638	nq	91
53) 2,4-Dinitrophenol	9.54	184	128953	85.975	nq	# 71
54) Dibenzofuran	9.64	168	714285	46.072	nq	92
55) 4-Nitrophenol	9.62	139	132697m	54.496	nq	
56) 2,4-Dinitrotoluene	9.66	165	192235	50.692	nq	# 78
57) Fluorene	9.98	166	515957	44.279	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.77	232	129542	47.330	nq	96
59) Diethylphthalate	9.88	149	616744	43.222	nq	99
60) 4-Chlorophenyl-phenylether	9.97	204	210363	43.719	nq	99
61) 4-Nitroaniline	10.03	138	159574	41.015	nq	93
62) Azobenzene	10.14	77	617800	46.671	nq	93
64) 4,6-Dinitro-2-methylphenol	10.07	198	93841	44.527	nq	86
65) n-Nitrosodiphenylamine	10.10	169	498078	42.207	nq	97
66) 4-Bromophenyl-phenylether	10.46	248	136702	40.388	nq	97
67) Hexachlorobenzene	10.53	284	145954	38.454	nq	# 93
68) Atrazine	10.64	200	143189	42.315	nq	92
69) Pentachlorophenol	10.74	266	100807	64.190	nq	97
70) Phenanthrene	10.93	178	793112	43.644	nq	100
71) Anthracene	10.99	178	817519	43.924	nq	99
72) Carbazole	11.15	167	798319	43.613	nq	99
73) Di-n-butylphthalate	11.49	149	944359	41.736	nq	99
74) Fluoranthene	12.12	202	784922	44.090	nq	97
76) Benzidine	12.24	184	266260	34.239	nq	# 93
77) Pyrene	12.34	202	814670	47.481	nq	99
79) Butylbenzylphthalate	12.97	149	418671	47.970	nq	# 76
80) Benzo(a)anthracene	13.52	228	609050	44.912	nq	99
81) 3,3'-Dichlorobenzidine	13.49	252	135951	26.585	nq	# 96
82) Chrysene	13.56	228	619697	46.798	nq	99
83) Bis(2-ethylhexyl)phthalate	13.53	149	456162	40.030	nq	97
84) Di-n-octyl phthalate	14.14	149	860389	41.143	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.06	276	468902	41.296	nq	100
87) Benzo(b)fluoranthene	14.53	252	497843	37.985	nq	99
88) Benzo(k)fluoranthene	14.55	252	508847m	40.744	nq	
89) Benzo(a)pyrene	14.82	252	522251	43.539	nq	98
90) Dibenzo(a,h)anthracene	16.06	278	389137	39.560	nq	98
91) Benzo(g,h,i)perylene	16.41	276	438584	42.518	nq	99

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



#1

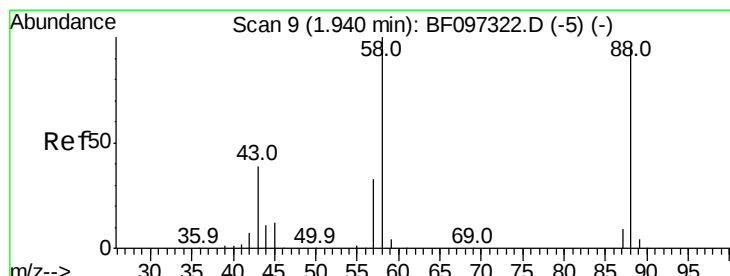
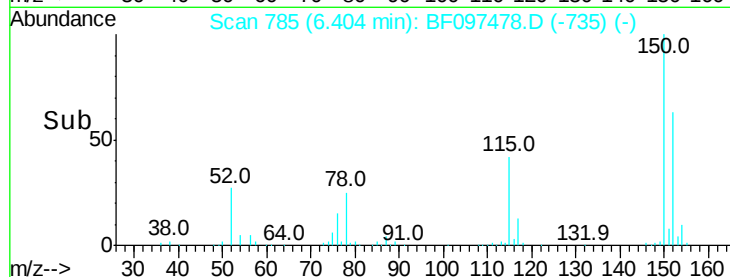
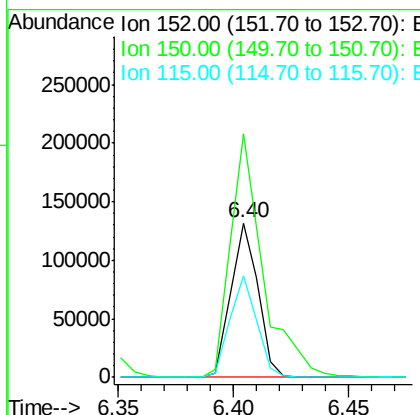
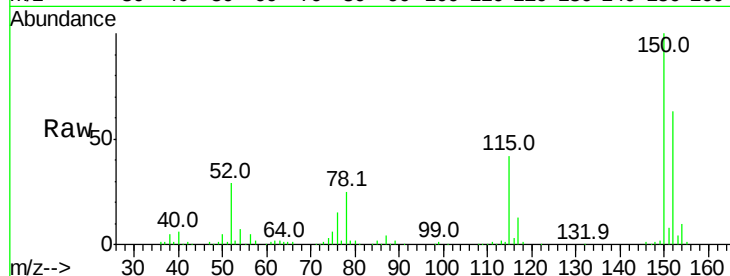
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampled :
PB101311BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	66.2	52.2	78.2

Manual Integrations
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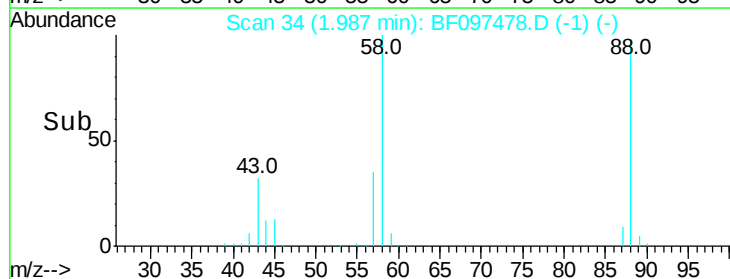
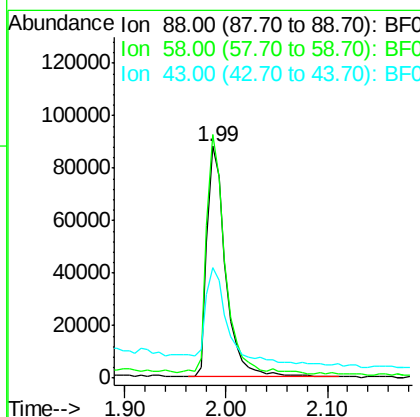
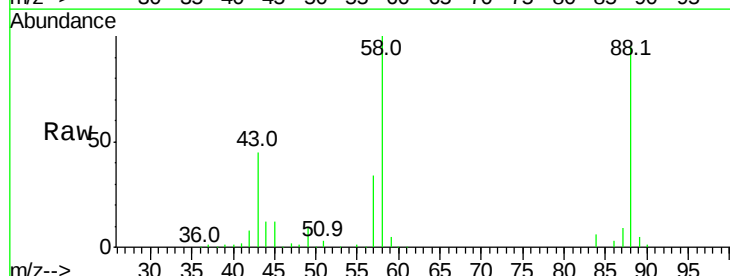
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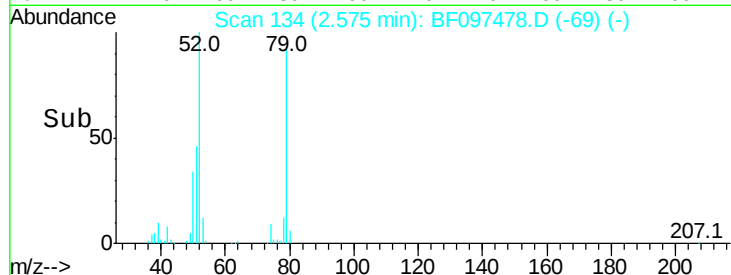
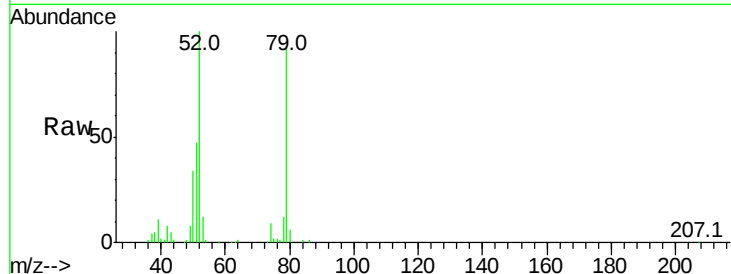
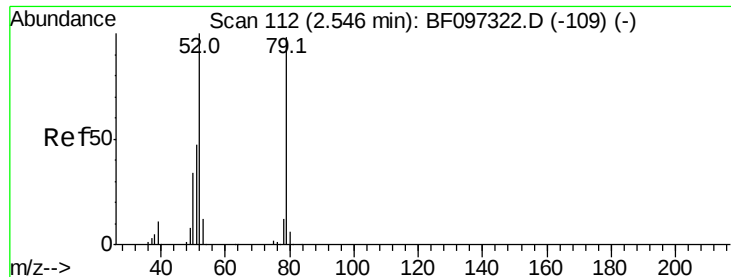


#2

1,4-Dioxane
Concen: 37.453 ng
RT: 1.99 min Scan# 34
Delta R.T. 0.09 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.7	61.4	92.0#
43	47.2	23.4	35.0#





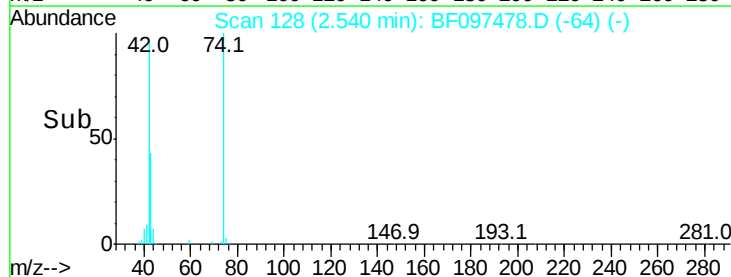
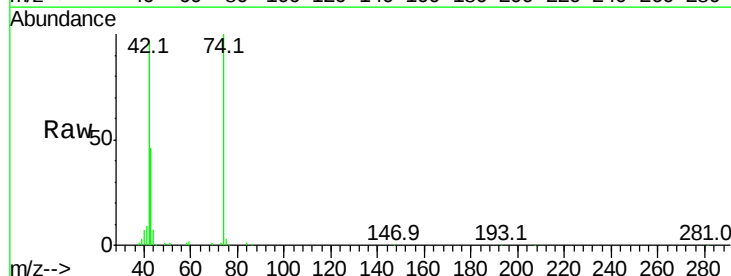
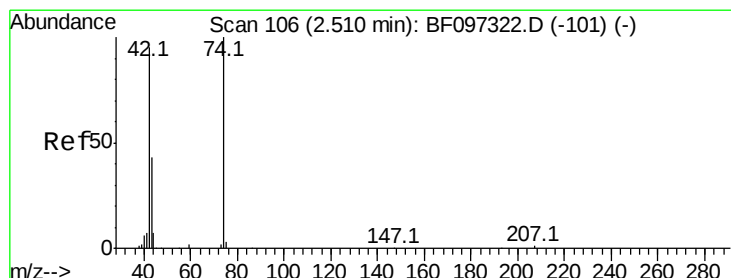
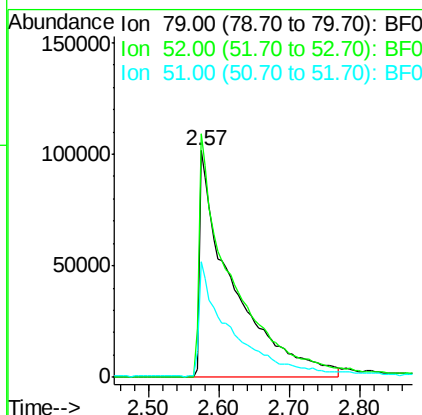
#3
 Pvridine
 Concen: 36.105 ng
 RT: 2.57 min Scan# 134
 Delta R.T. 0.08 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	107.4	54.8	82.2#	
51	50.7	27.0	40.4#	

Instrument :
 BNA_F
 ClientSampleId :
 PB101311BS

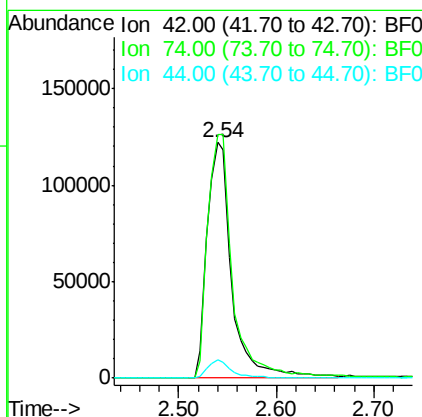
Manual Integrations
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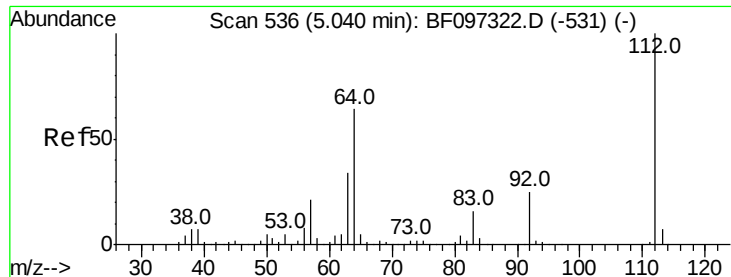
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#4
 n-Nitrosodimethylamine
 Concen: 42.464 ng
 RT: 2.54 min Scan# 128
 Delta R.T. 0.08 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	103.3	103.9	155.9#	
44	7.5	5.7	8.5	





#5

2-Fluorophenol

Concen: 130.319 ng

RT: 5.02 min Scan# 549

Delta R.T. 0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Instrument :

BNA_F

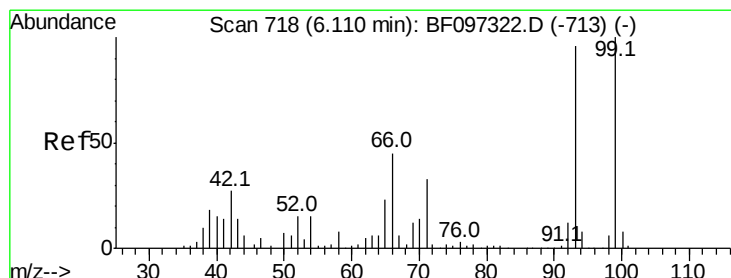
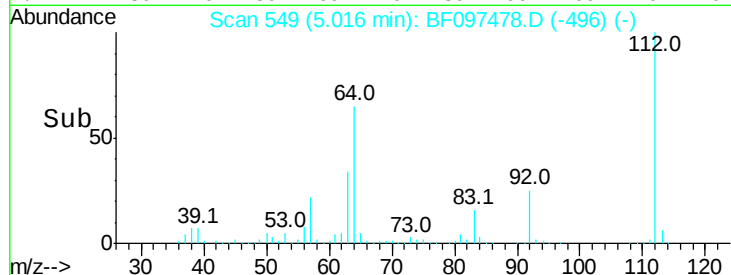
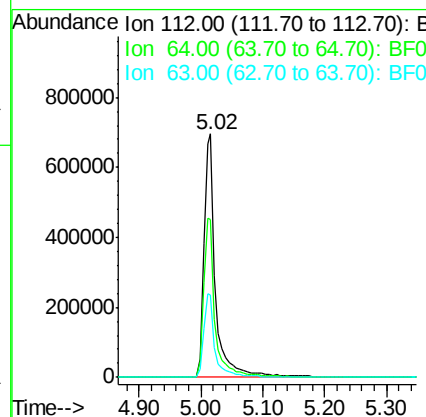
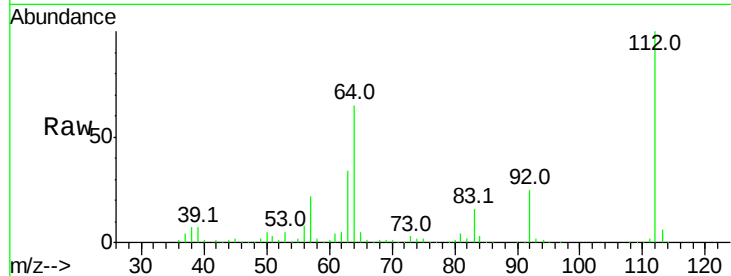
ClientSampleId :

PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	932754		
64	65.0	46.0	69.0	
63	33.7	23.4	35.0	

Manual Integrations
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#6

Aniline

Concen: 23.304 ng

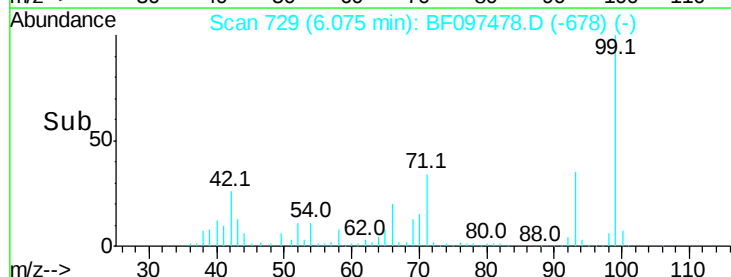
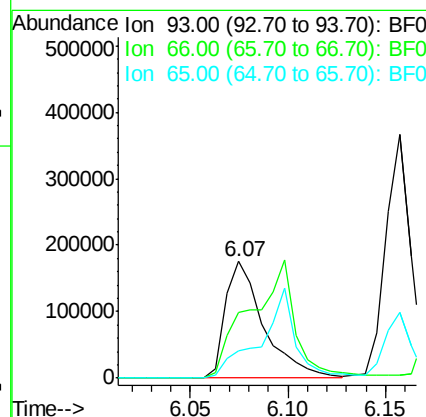
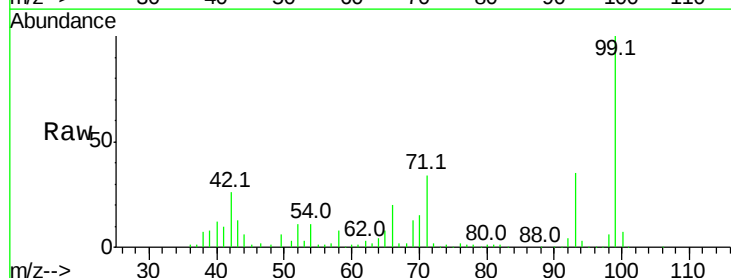
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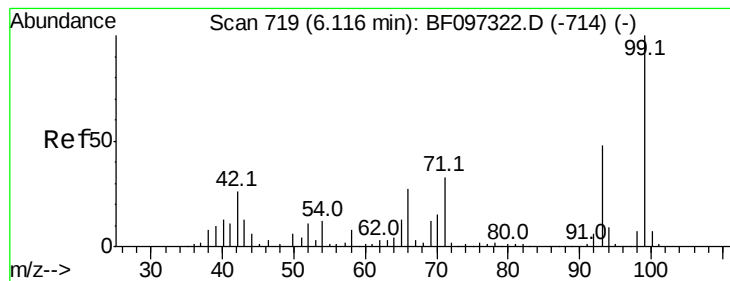
Delta R.T. 0.00 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	239626		
66	56.5	32.9	49.3#	
65	23.9	16.0	24.0	





#7

Phenol-d6

Concen: 125.925 ng

RT: 6.09 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Instrument :

BNA_F

ClientSampled :

PB101311BS

Tot Ion: 99 Resp: 1028950

Ion Ratio Lower Upper

99 100

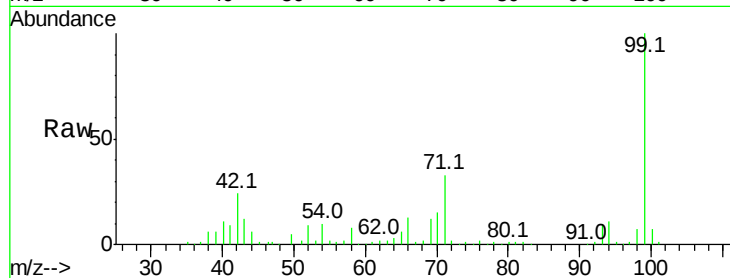
42 24.4 13.5 20.3#

71 33.1 24.5 36.7

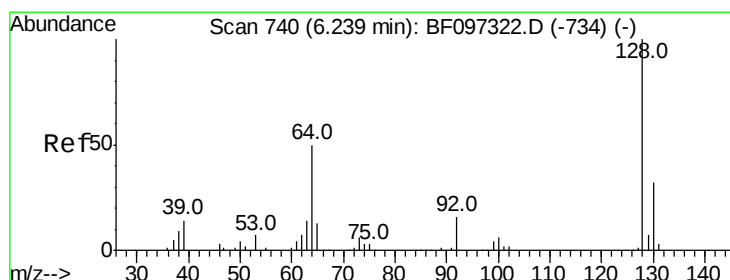
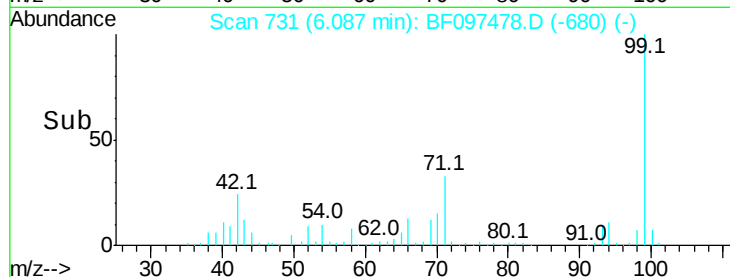
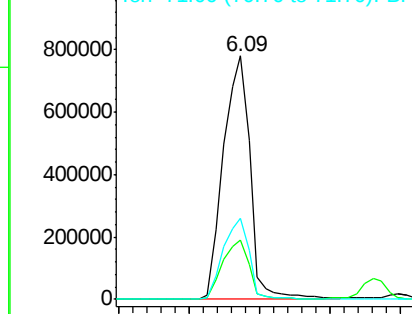
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.856 ng

RT: 6.20 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

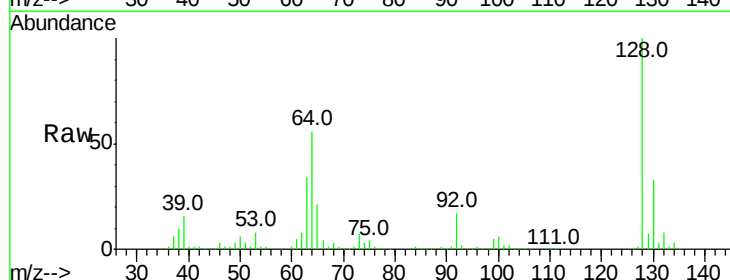
Tgt Ion:128 Resp: 320335

Ion Ratio Lower Upper

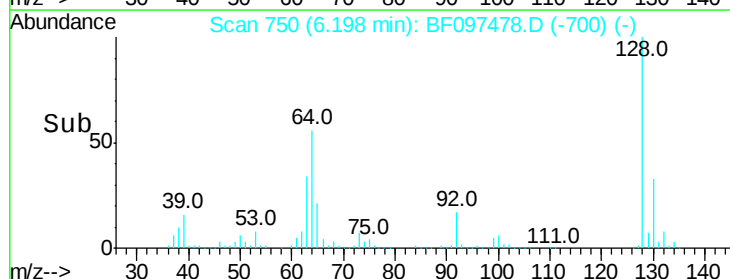
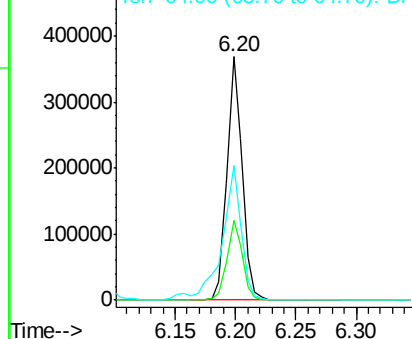
128 100

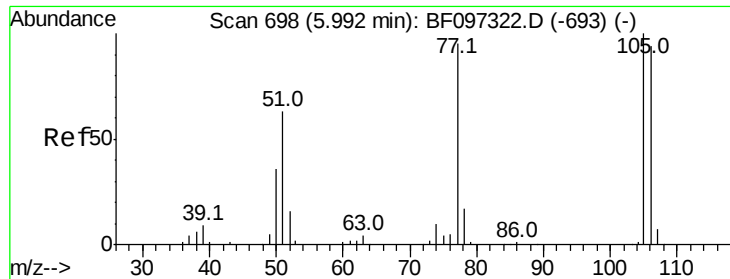
130 32.5 12.9 52.9

64 55.6 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.102 ng

RT: 5.95 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Instrument :

BNA_F

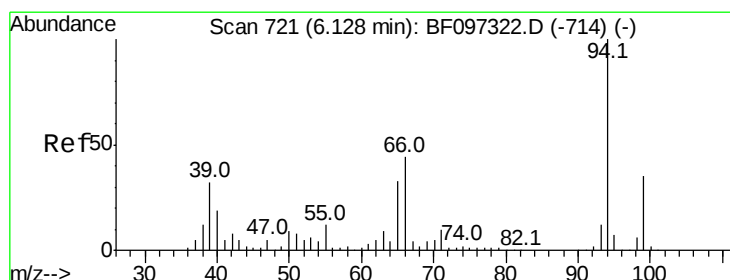
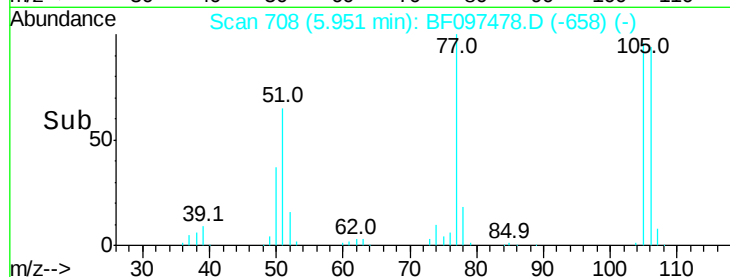
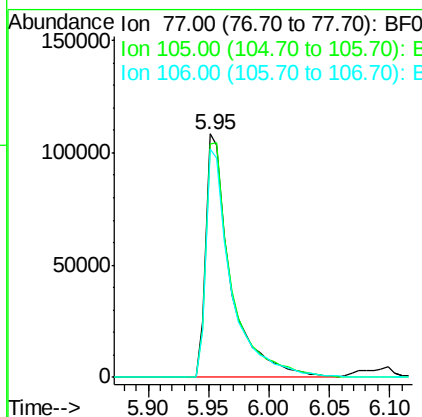
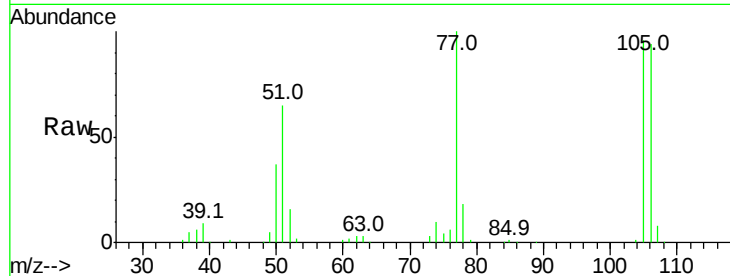
ClientSampled :

PB101311BS

Tot Ion:	77	Resp:	155262
Ion	Ratio	Lower	Upper
77	100		
105	95.9	83.8	123.8
106	94.0	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 41.561 ng

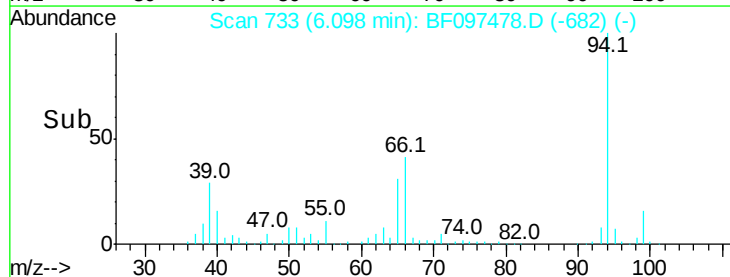
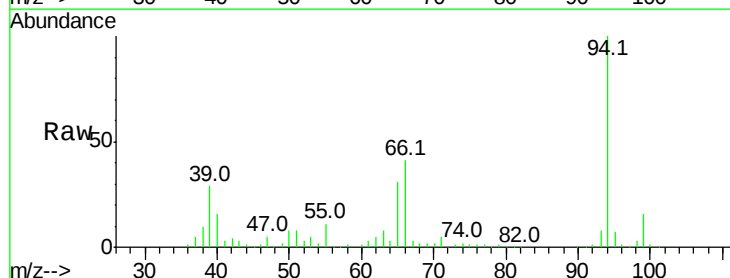
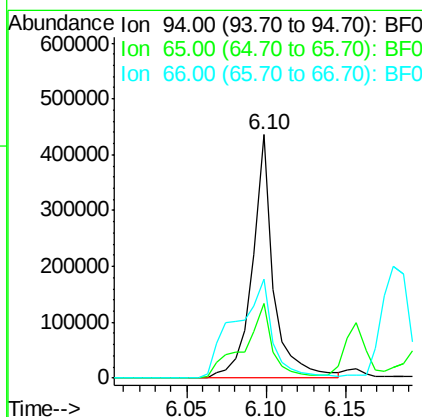
RT: 6.10 min Scan# 733

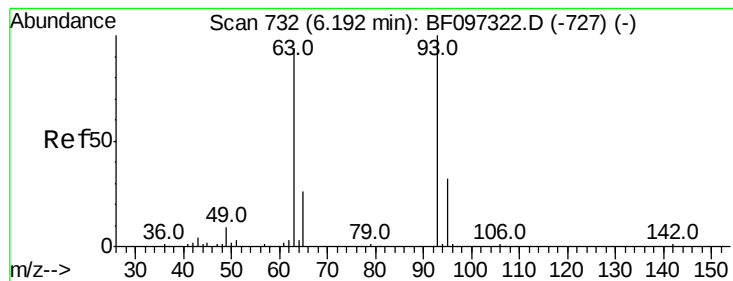
Delta R.T. 0.00 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Tgt Ion:	94	Resp:	402815
Ion	Ratio	Lower	Upper
94	100		
65	30.9	9.9	49.9
66	40.6	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 41.791 ng

RT: 6.16 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Instrument :

BNA_F

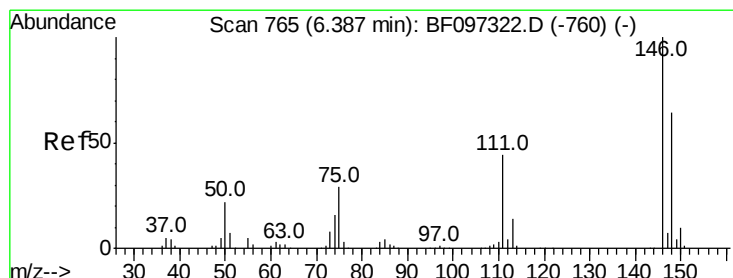
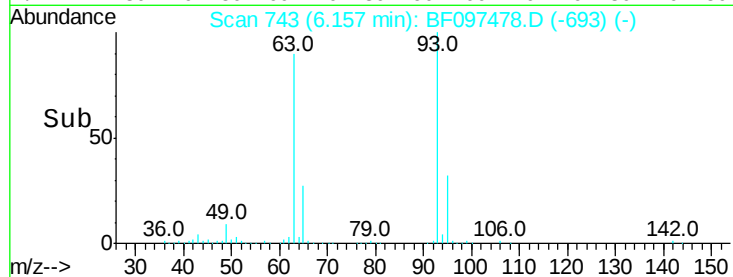
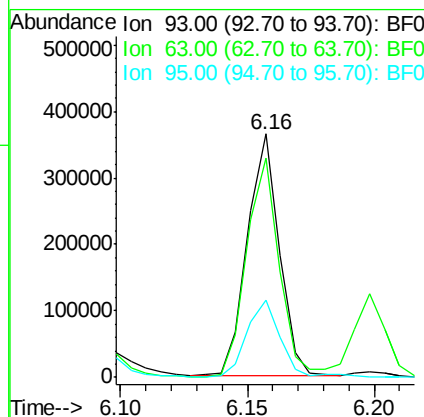
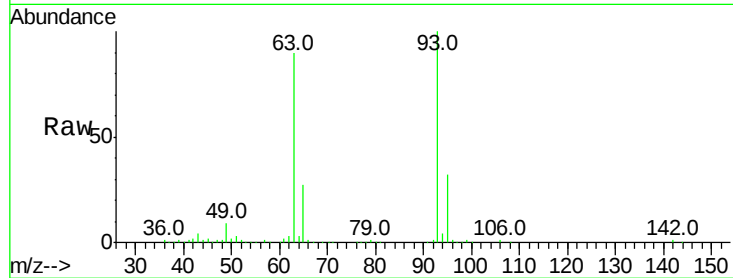
ClientSampleId :

PB101311BS

Tot Ion:	93	Resp:	320353
Ion Ratio	Lower	Upper	
93	100		
63	90.1	59.2	99.2
95	31.7	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 41.646 ng

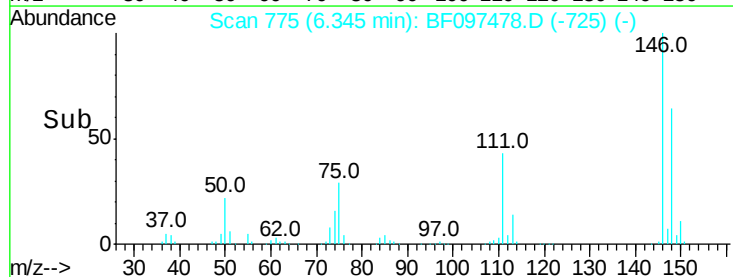
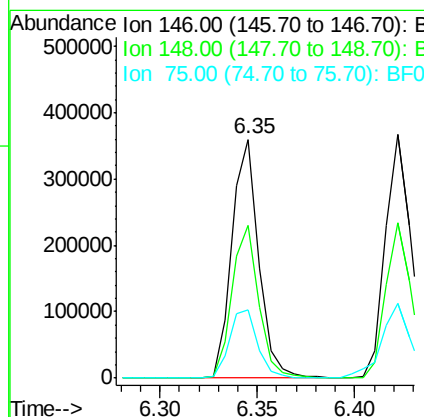
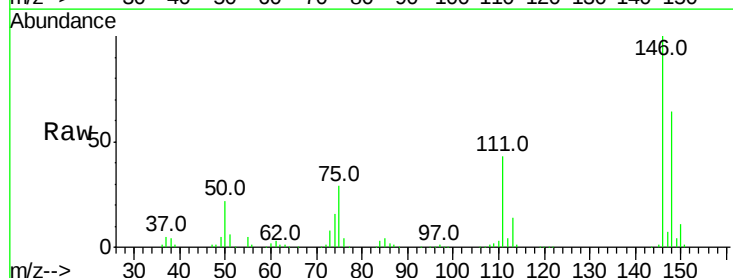
RT: 6.35 min Scan# 775

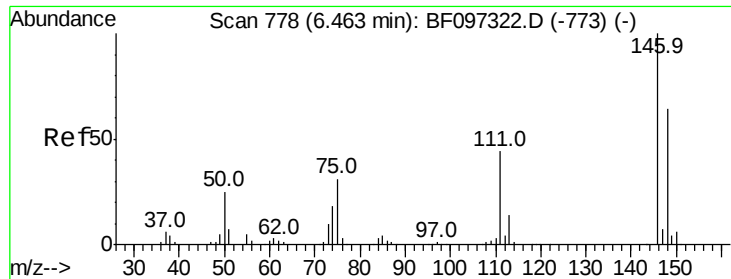
Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Tgt Ion:	146	Resp:	343482
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.6
75	28.6	23.1	34.7





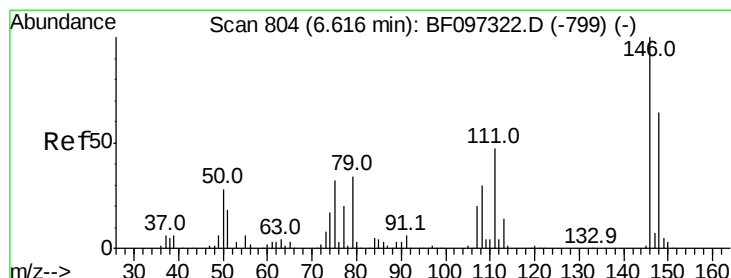
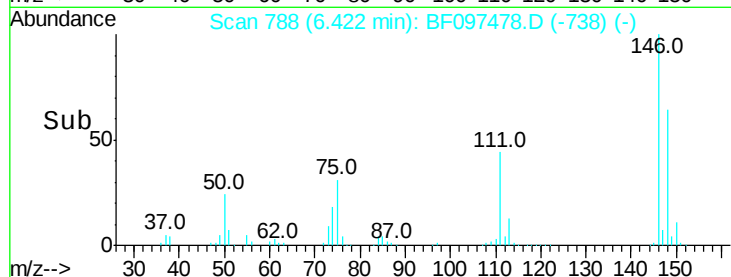
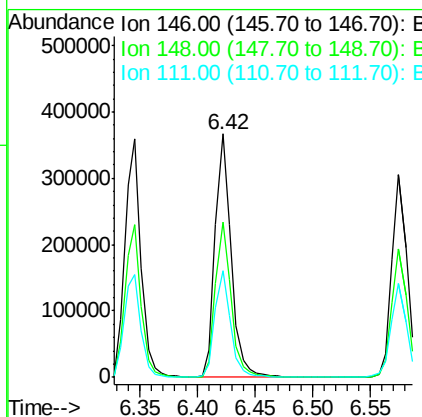
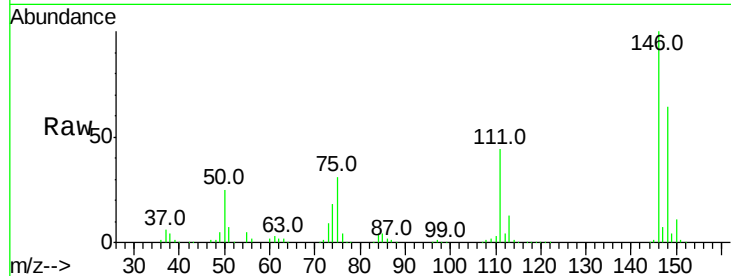
#13
 1,4-Dichlorobenzene
 Concen: 43.467 ng
 RT: 6.42 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampled :
 PB101311BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	44.1	30.3	45.5

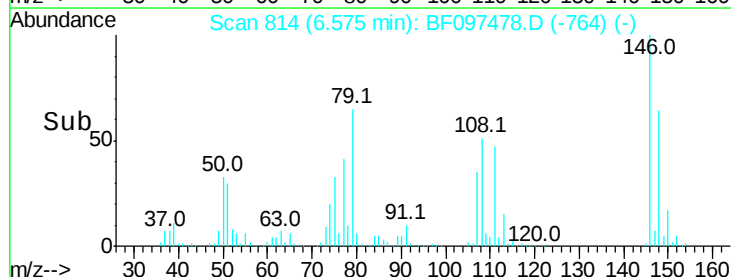
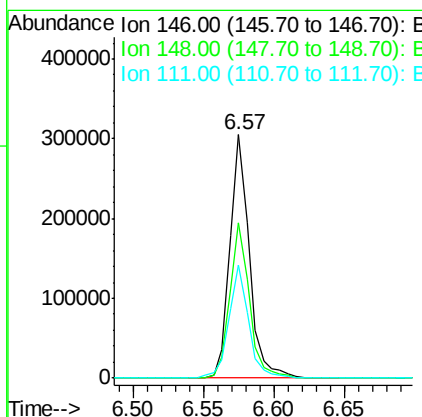
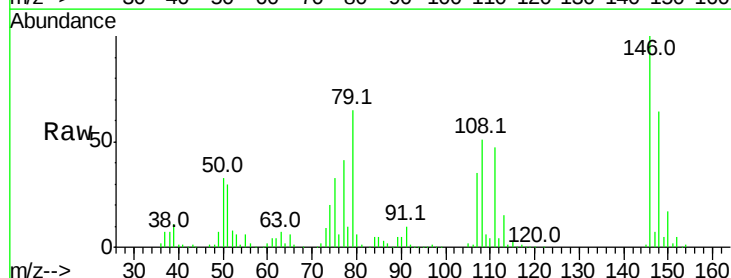
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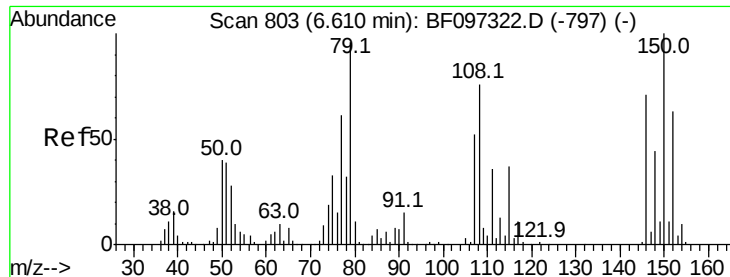
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#14
 1,2-Dichlorobenzene
 Concen: 41.043 ng
 RT: 6.57 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	46.7	38.2	57.4





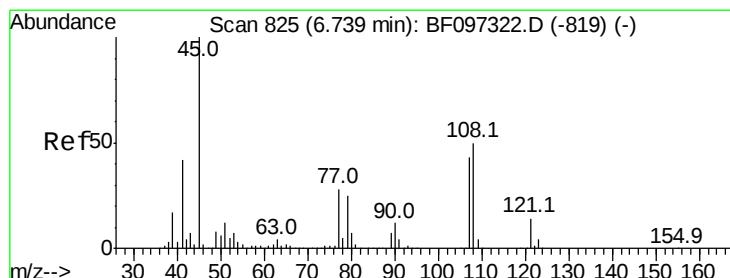
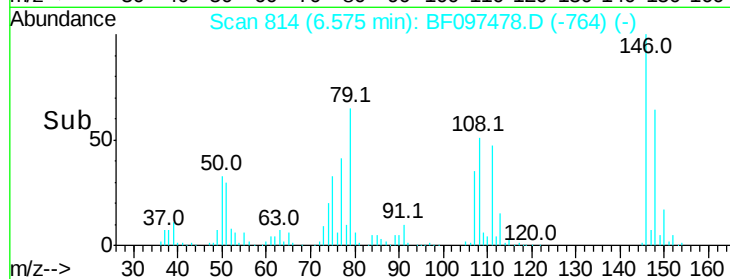
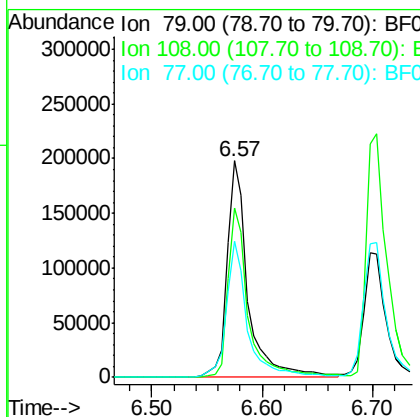
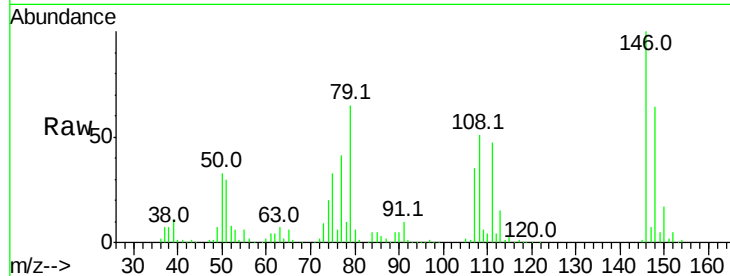
#15
Benzyl Alcohol
Concen: 50.936 ng
RT: 6.57 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
PB101311BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.5	63.4	95.0
77	62.7	49.2	73.8

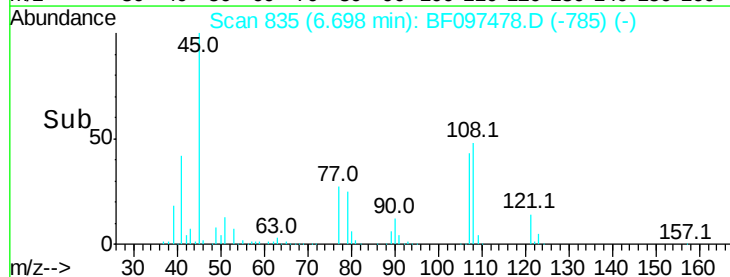
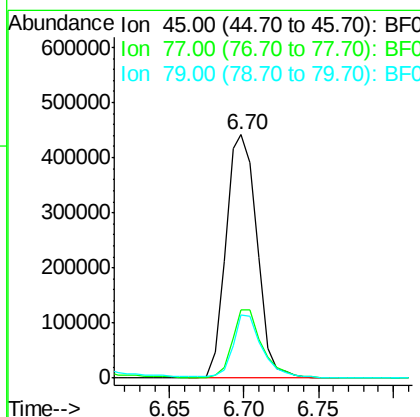
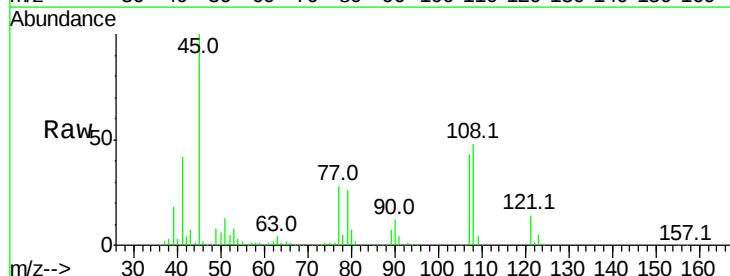
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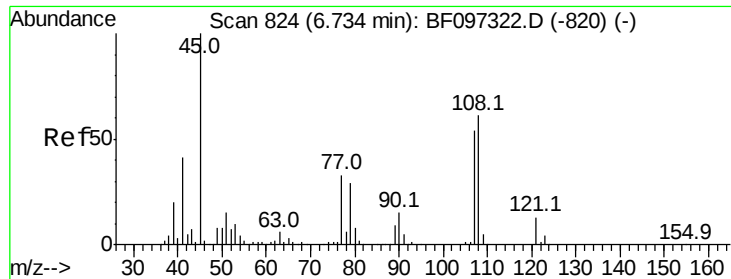
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.955 ng
RT: 6.70 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.8	0.0	33.2
79	25.8	0.0	30.0





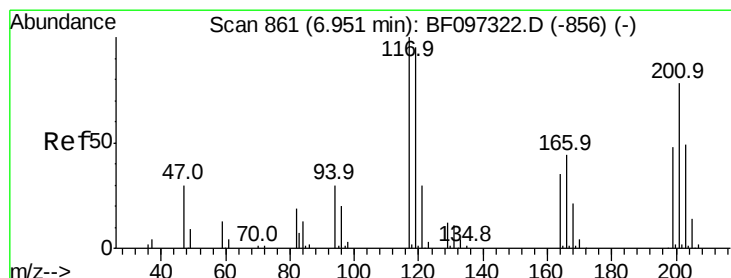
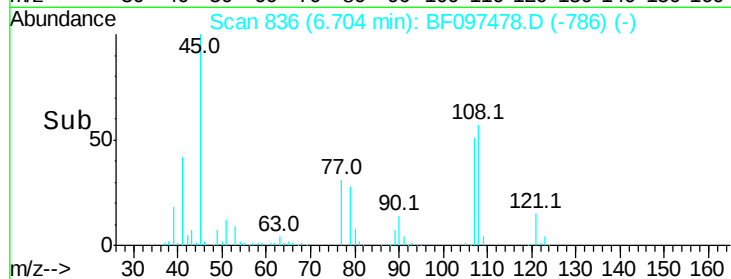
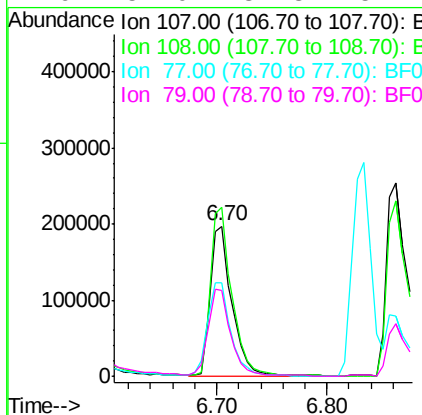
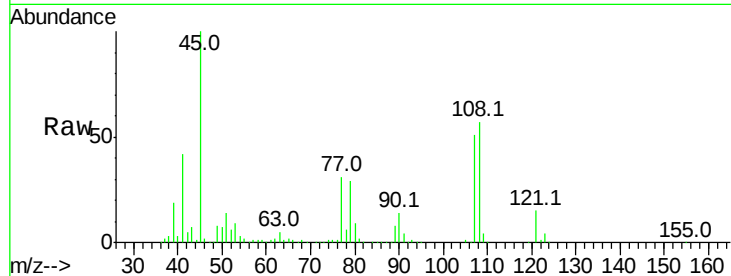
#17
2-Methylphenol
Concen: 44.192 ng
RT: 6.70 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	261033		
108	112.8	93.4	140.0	
77	62.2	35.8	53.6#	
79	57.0	34.8	52.2#	

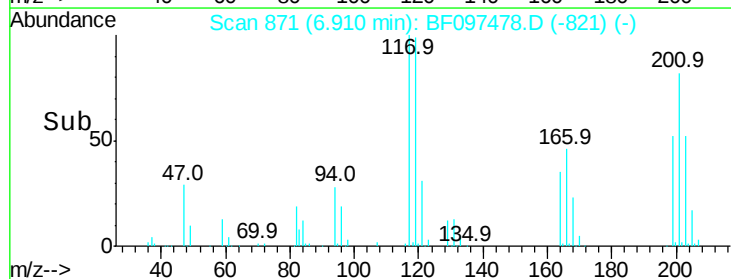
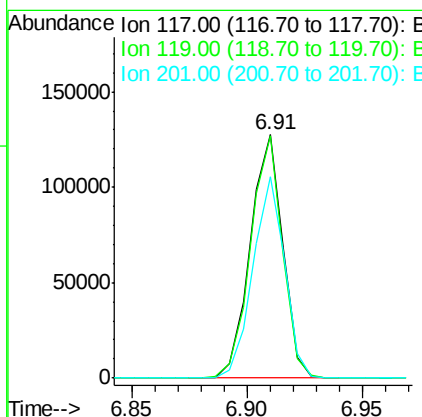
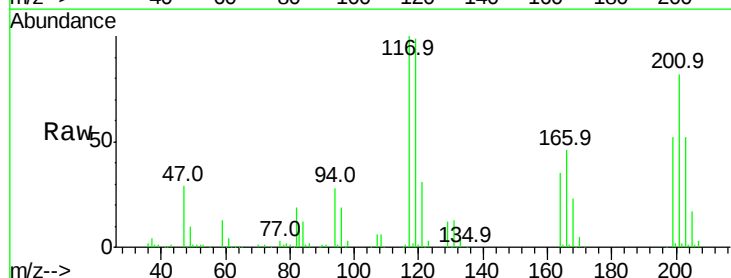
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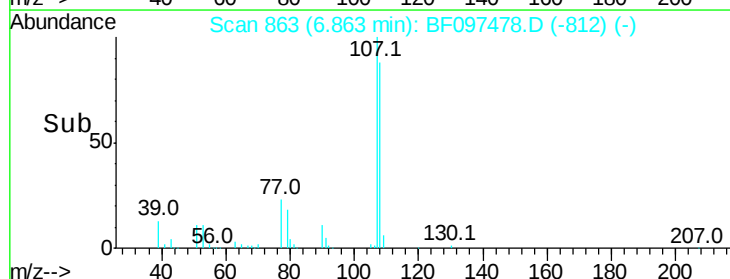
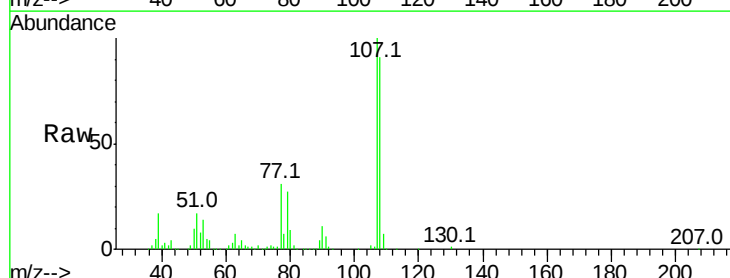
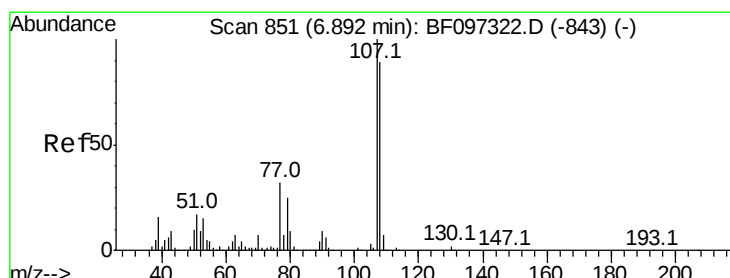
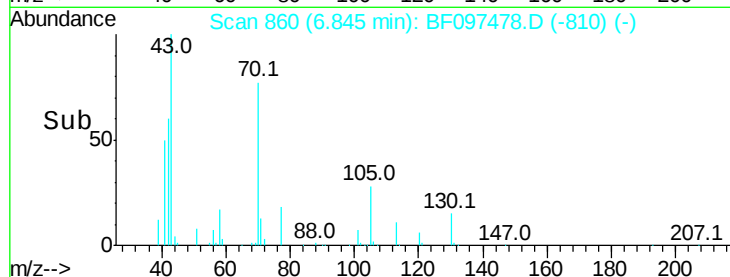
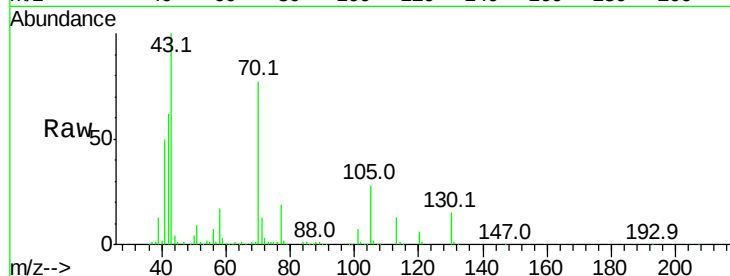
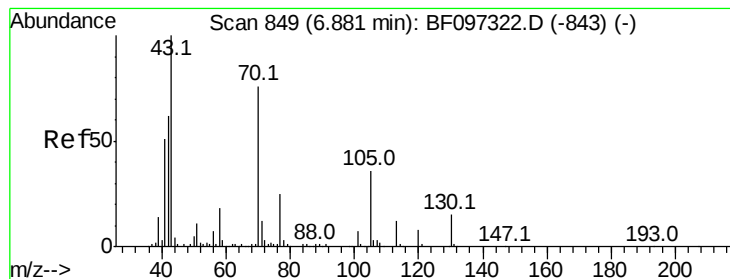
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#18
Hexachloroethane
Concen: 41.835 ng
RT: 6.91 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	125098		
119	99.3	77.4	116.0	
201	82.5	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 42.973 ng

RT: 6.85 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Instrument :

BNA_F

ClientSampleId :

PB101311BS

Tot Ion: 70 Resp: 231130

Ion Ratio Lower Upper

70 100

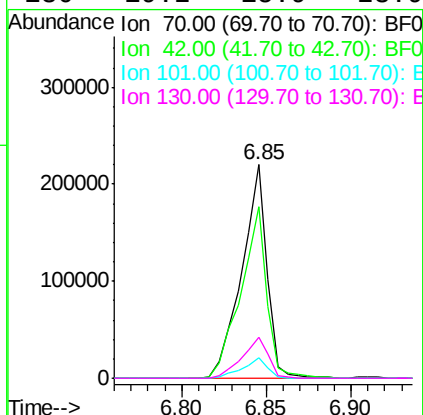
42 80.1 47.2 70.8#

101 9.4 7.2 10.8

130 19.2 15.9 23.9

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#20

3+4-Methylphenols

Concen: 46.730 ng

RT: 6.86 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Tgt Ion: 107 Resp: 360507

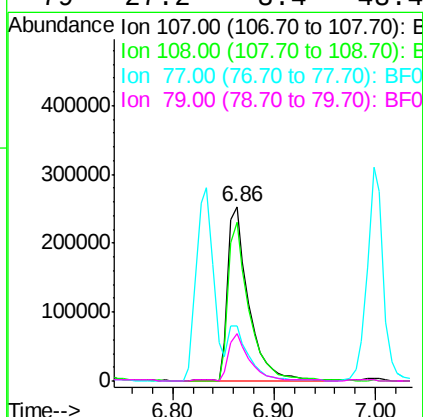
Ion Ratio Lower Upper

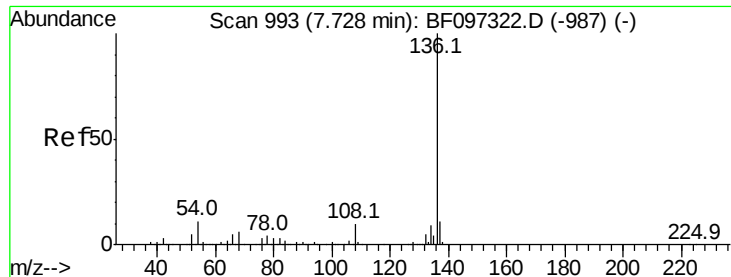
107 100

108 90.6 71.0 111.0

77 31.4 90.5 130.5#

79 27.2 8.4 48.4





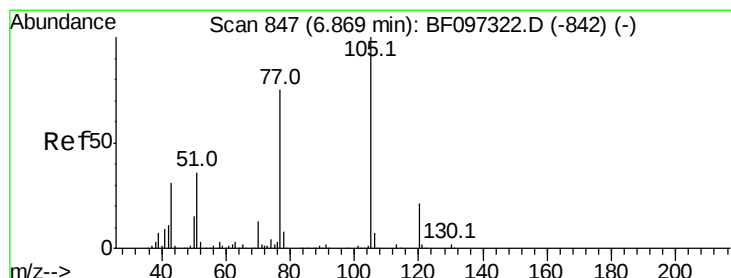
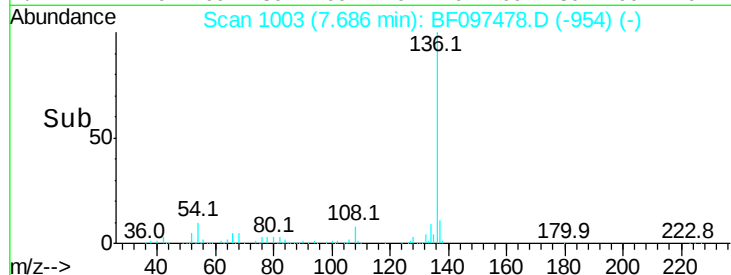
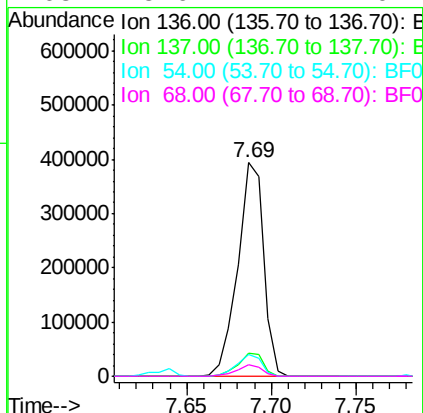
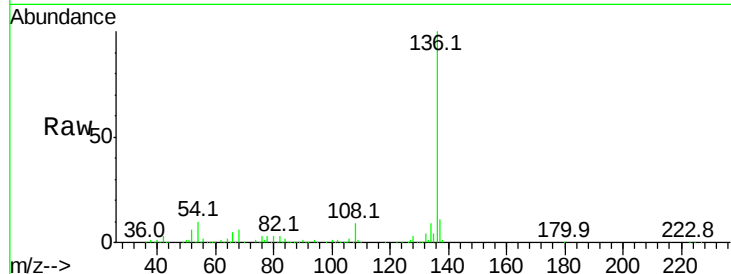
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	422110		
137	10.8		8.5	12.7
54	10.5		4.9	7.3#
68	5.6		4.1	6.1

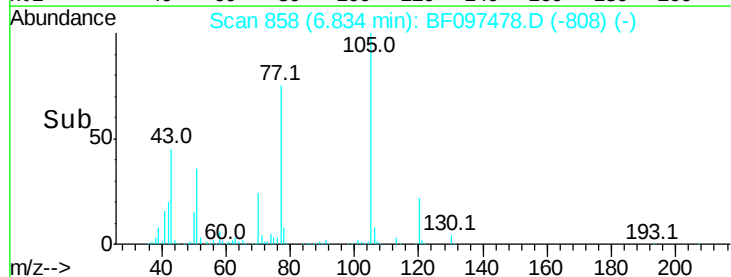
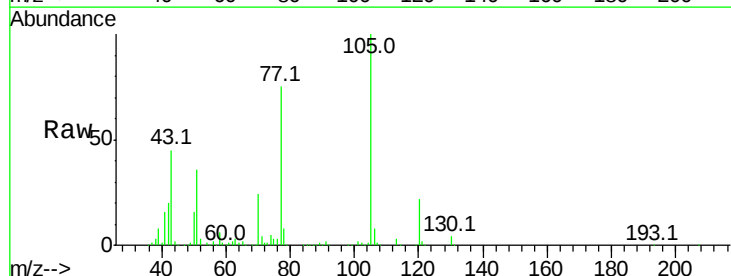
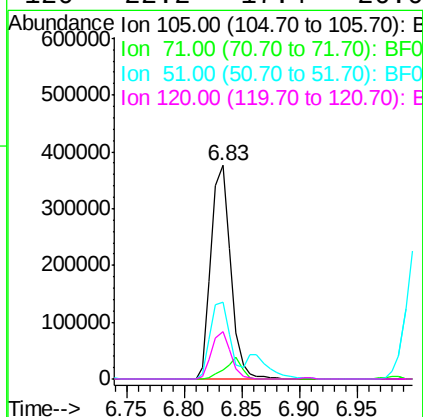
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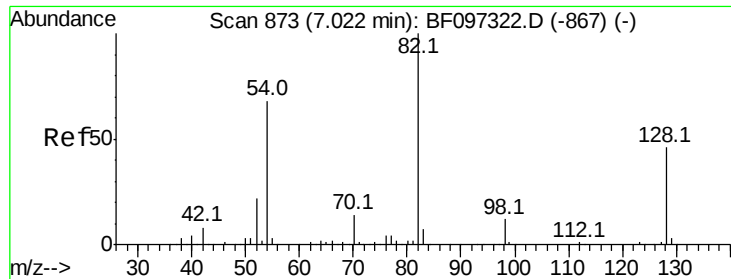
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#22
Acetophenone
Concen: 44.206 ng
RT: 6.83 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	448112		
71	4.0		2.8	4.2
51	36.2		30.7	46.1
120	22.2		17.4	26.0





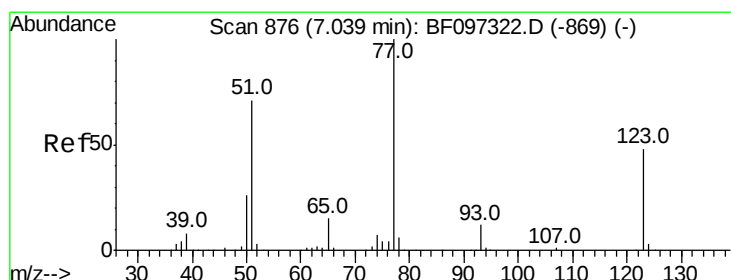
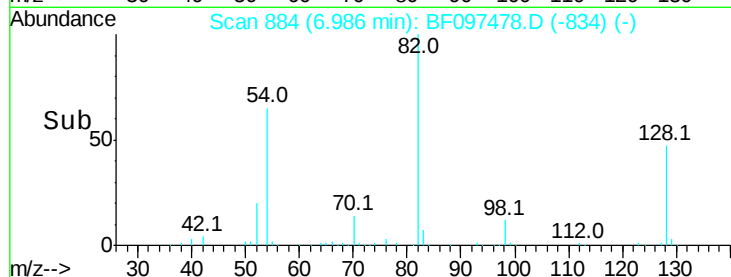
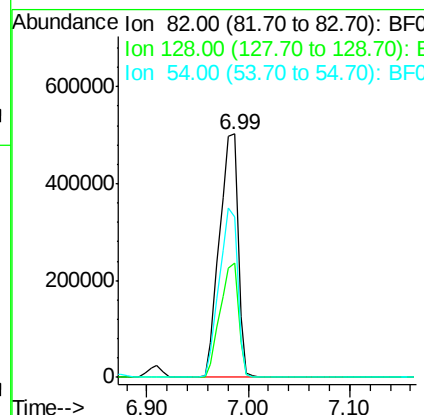
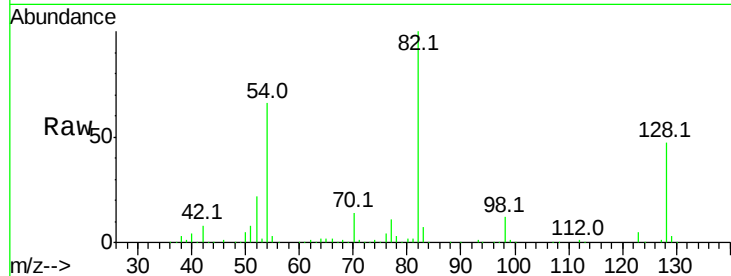
#23
 Nitrobenzene-d5
 Concen: 89.627 ng
 RT: 6.99 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.2	34.0	51.0	
54	65.9	42.2	63.2	

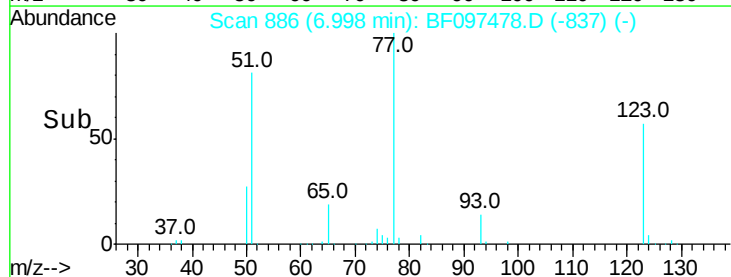
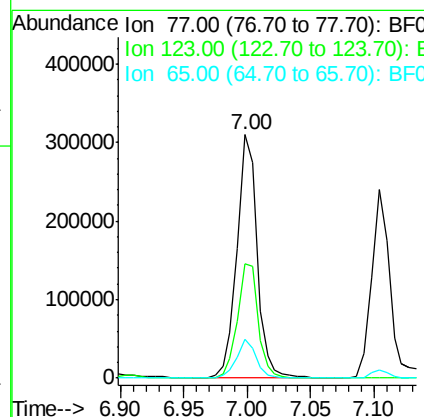
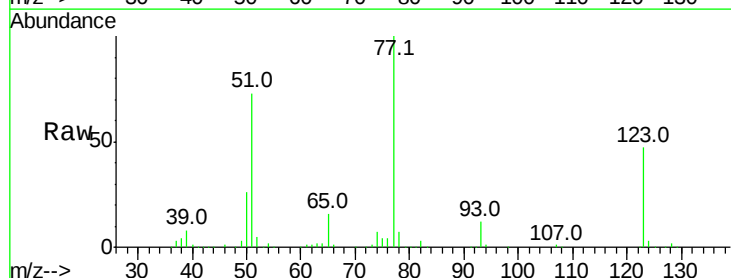
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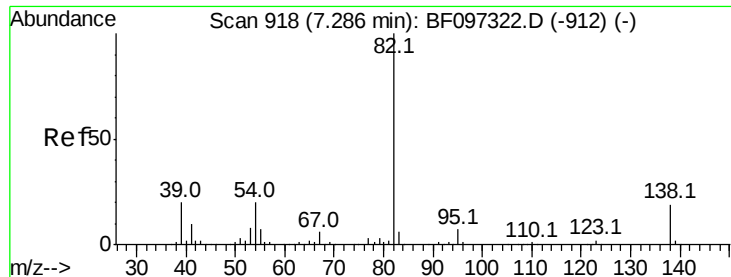
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#24
 Nitrobenzene
 Concen: 45.148 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.1	35.8	53.8	
65	16.1	10.6	15.8	





#25

Isophorone

Concen: 39.250 ng

RT: 7.25 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Instrument :

BNA_F

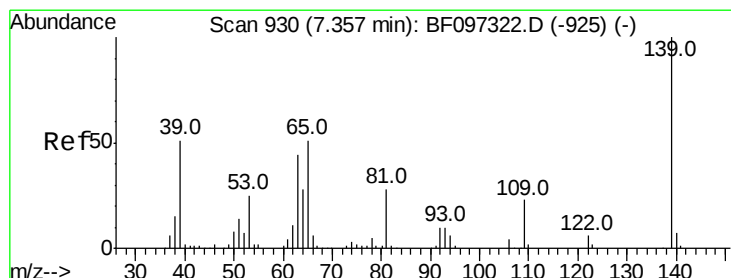
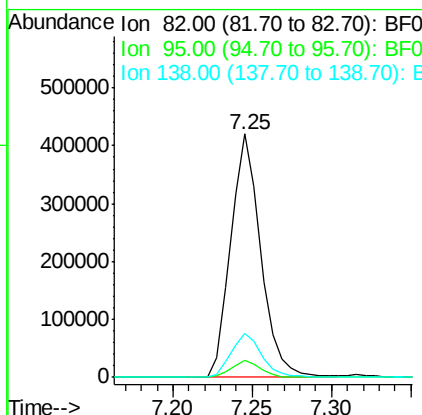
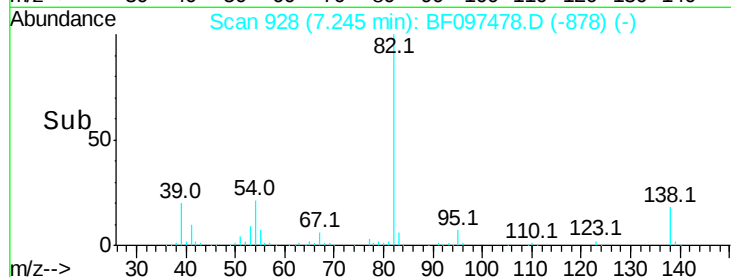
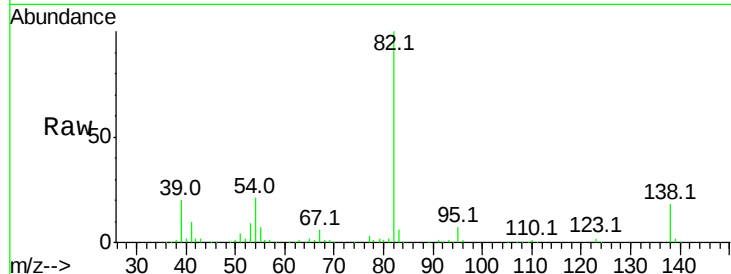
ClientSampleId :

PB101311BS

Tot Ion:	82	Resp:	553079
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.3	7.9
138	18.1	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.905 ng

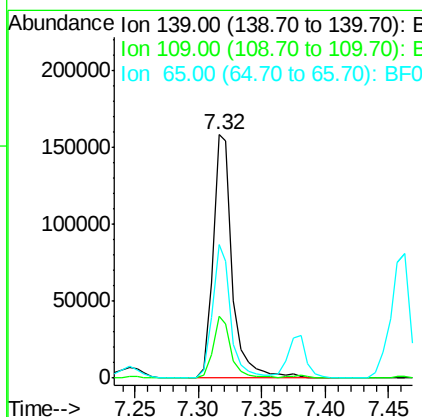
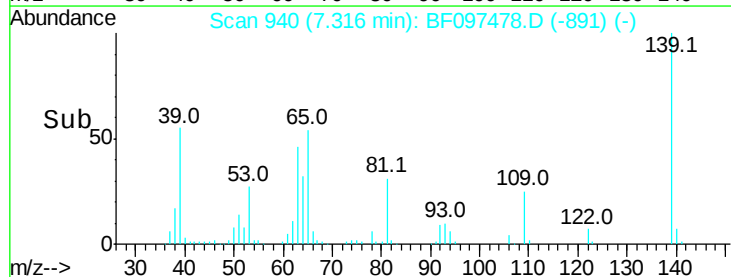
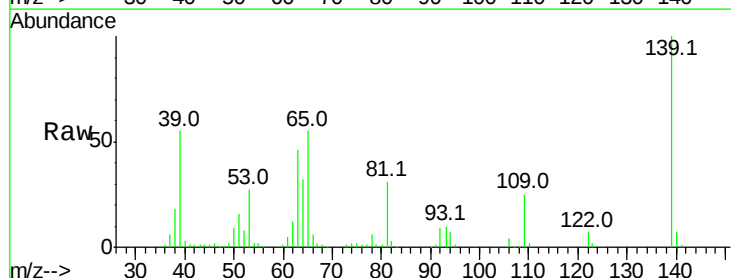
RT: 7.32 min Scan# 940

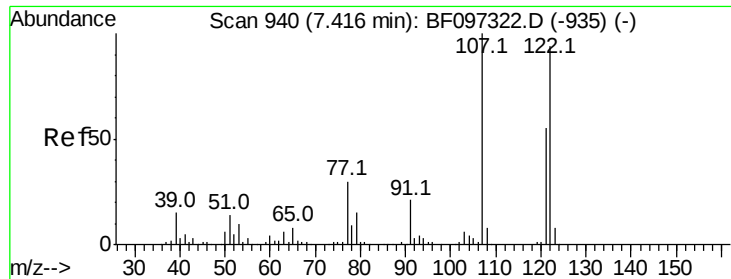
Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Tgt Ion:	139	Resp:	169897
Ion Ratio	Lower	Upper	
139	100		
109	25.3	21.0	31.6
65	54.7	33.0	49.6#





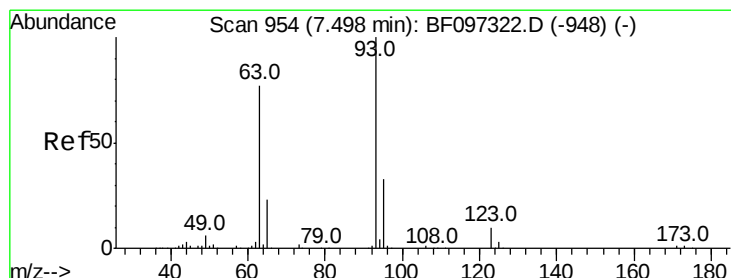
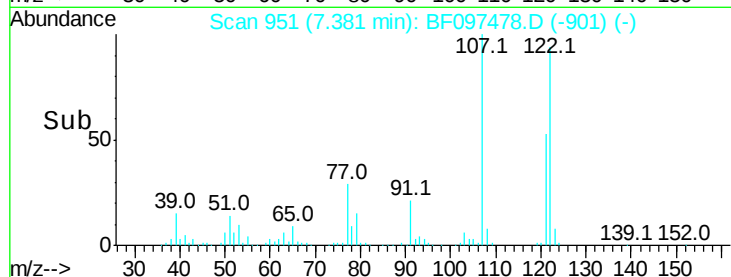
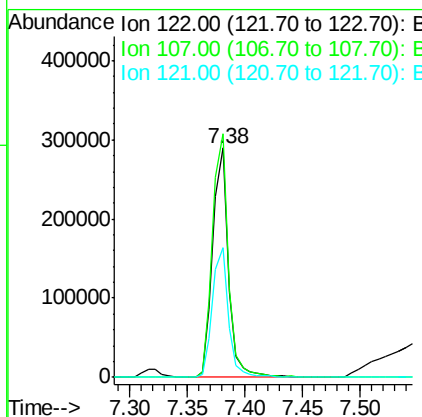
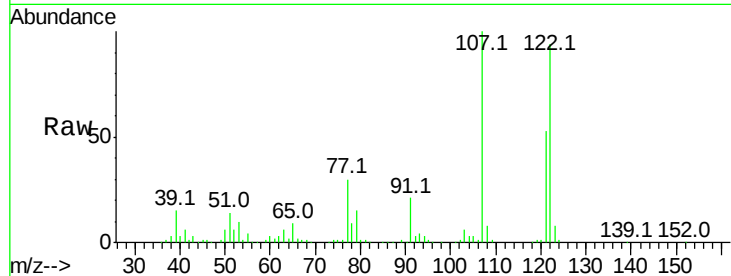
#27
2,4-Dimethylphenol
Concen: 41.412 ng
RT: 7.38 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
PB101311BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.3	89.2	133.8
121	56.8	45.2	67.8

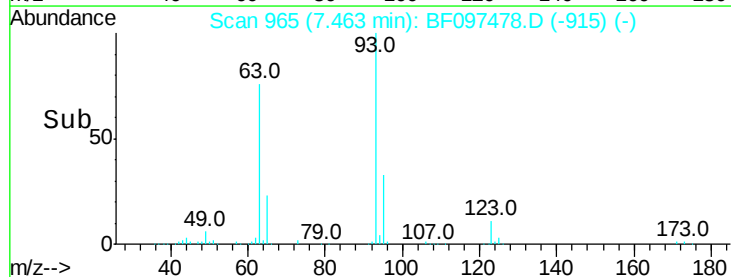
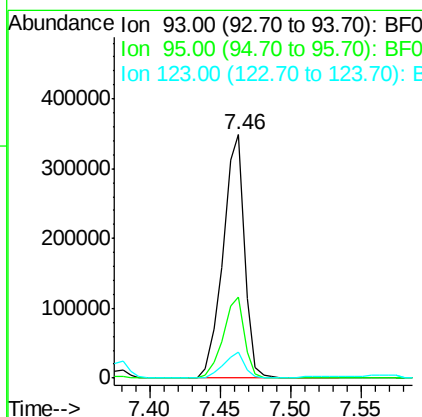
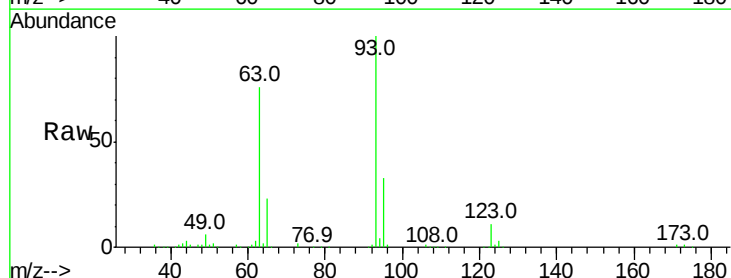
Manual Integrations
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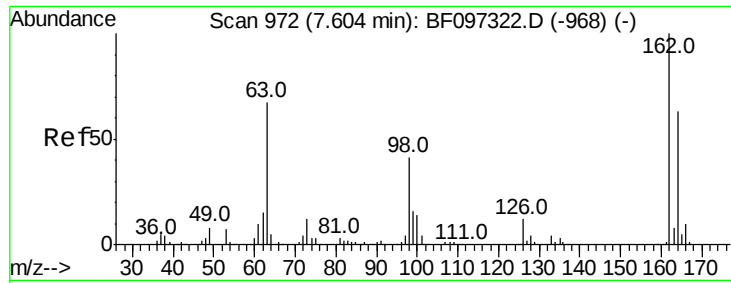
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#28
bis(2-Chloroethoxy)methane
Concen: 40.121 ng
RT: 7.46 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.5	39.7
123	10.7	9.0	13.4





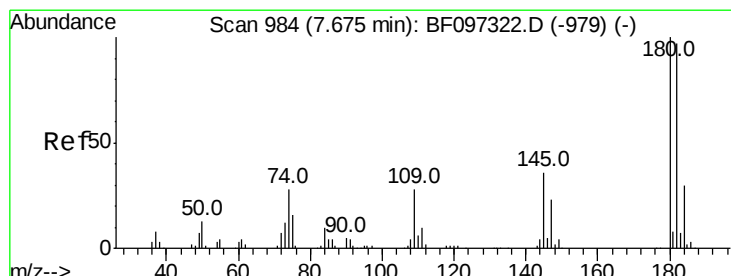
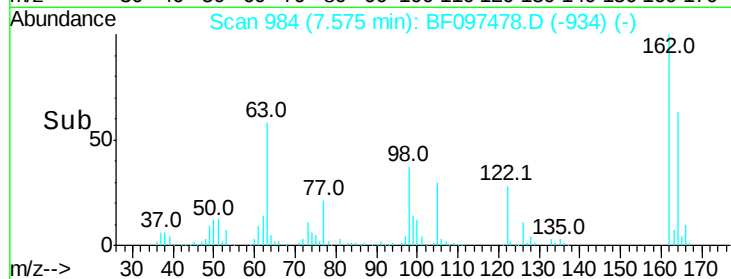
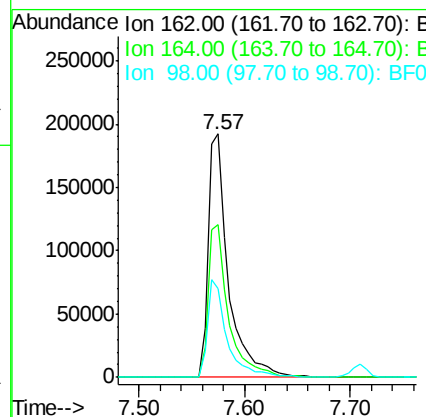
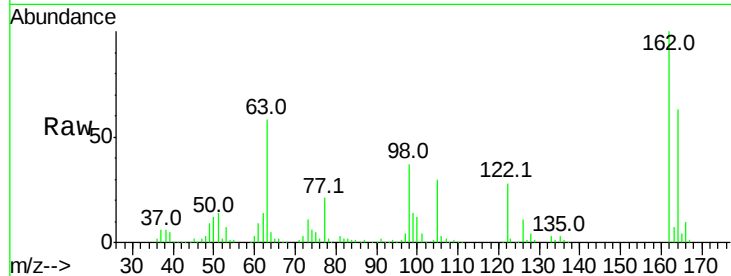
#29
2,4-Dichlorophenol
Concen: 43.959 ng
RT: 7.57 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampled :
PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	253273		
164	62.9	44.6	84.6	
98	36.6	14.8	54.8	

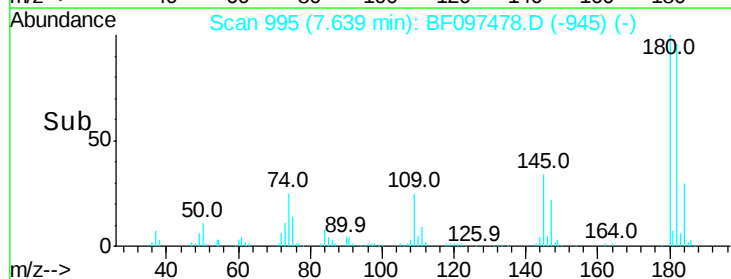
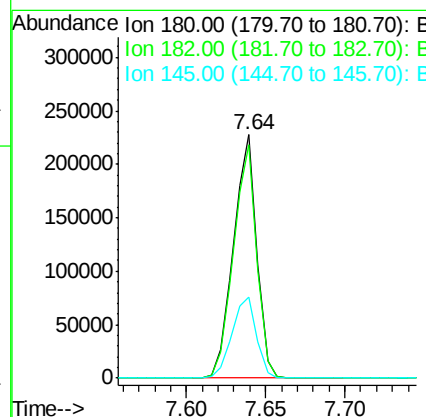
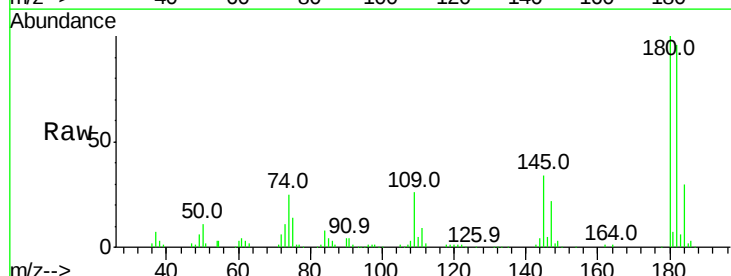
Manual Integrations
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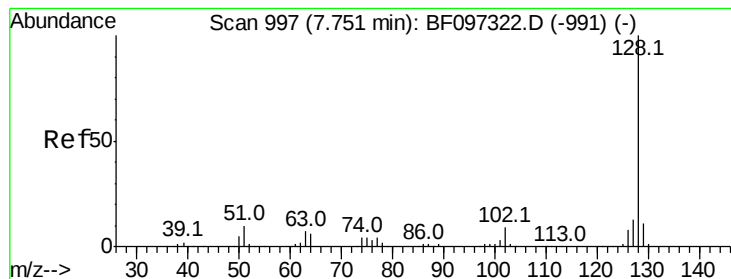
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.976 ng
RT: 7.64 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	230520		
182	96.1	75.8	113.6	
145	33.6	25.3	37.9	





#31

Naphthalene

Concen: 43.073 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Instrument :

BNA_F

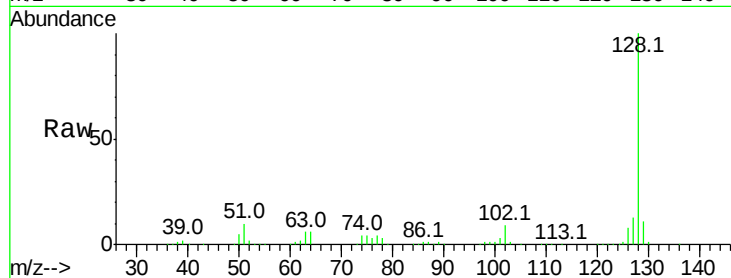
ClientSampleId :

PB101311BS

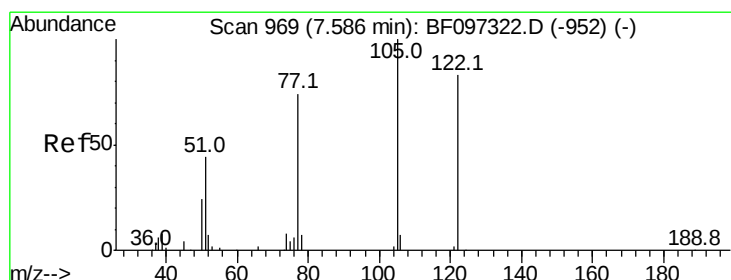
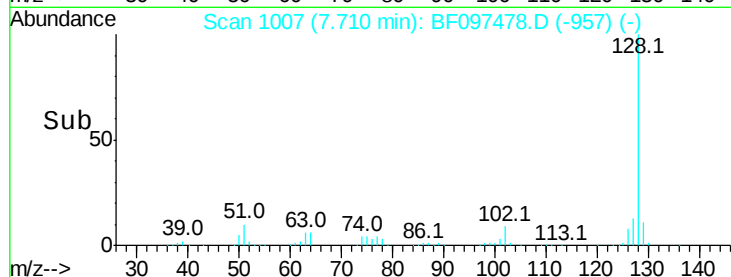
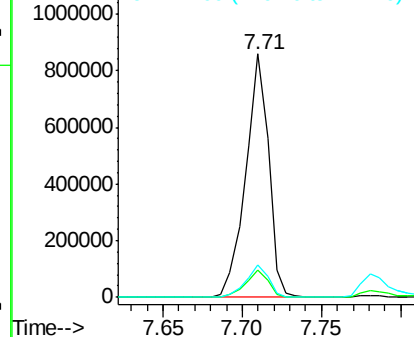
Tot Ion:	128	Resp:	857065
Ion Ratio	Lower	Upper	
128	100		
129	11.1	9.0	13.6
127	13.3	10.8	16.2

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



#32

Benzoic acid

Concen: 36.800 ng

RT: 7.56 min Scan# 982

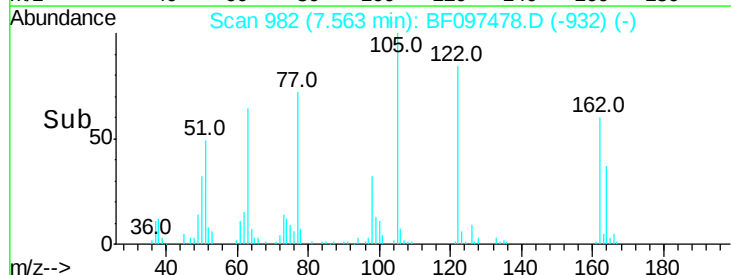
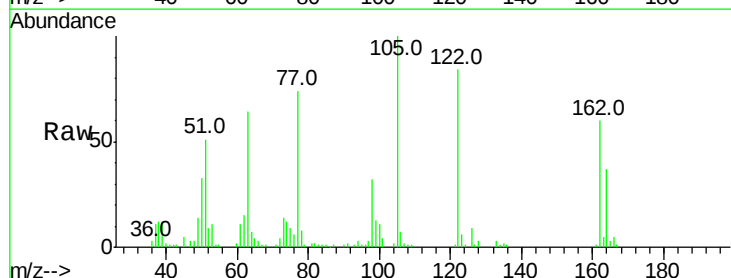
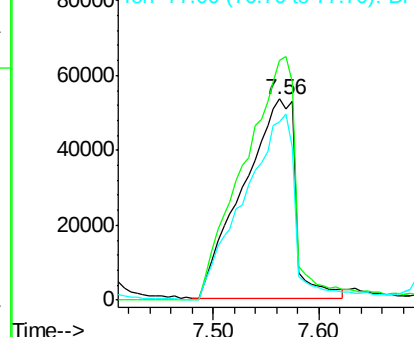
Delta R.T. -0.01 min

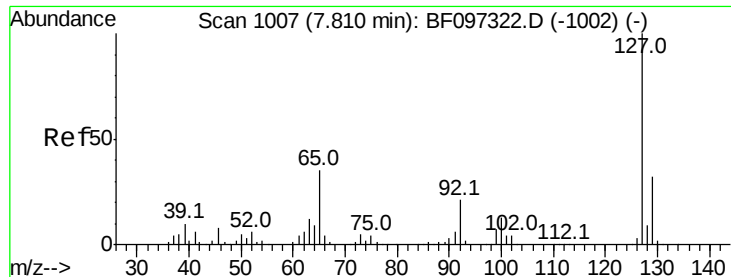
Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Tgt Ion:	122	Resp:	183780
Ion Ratio	Lower	Upper	
122	100		
105	119.7	103.3	143.3
77	88.8	73.7	113.7

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





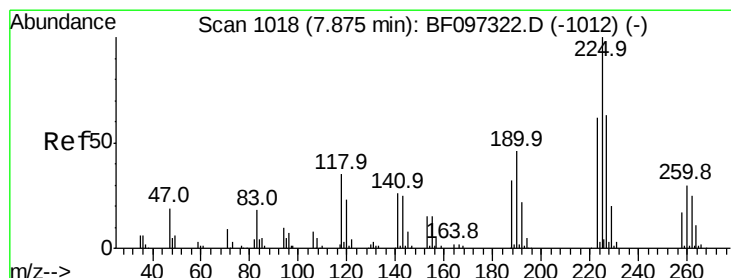
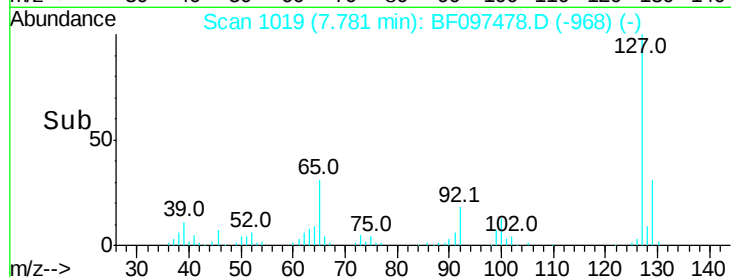
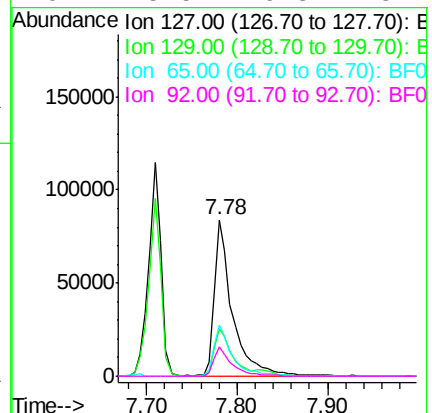
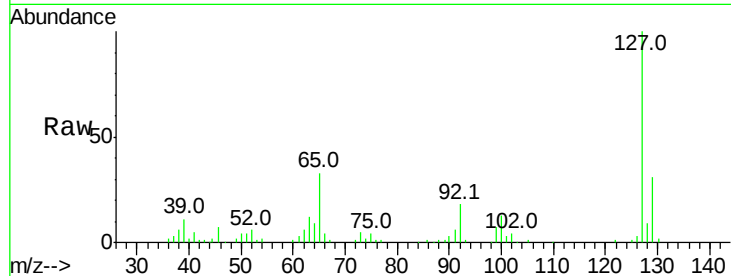
#33
4-Chloroaniline
Concen: 14.654 ng
RT: 7.78 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	118644		
129	30.6	26.2	39.2	
65	32.7	27.8	41.8	
92	18.5	16.8	25.2	

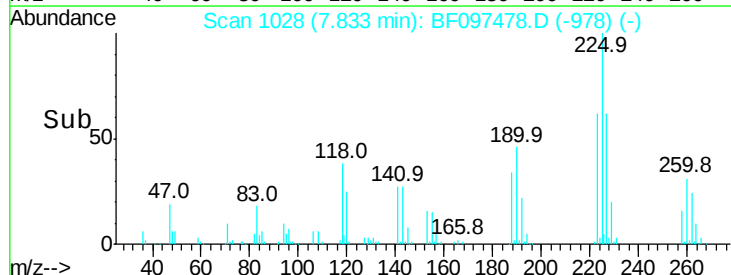
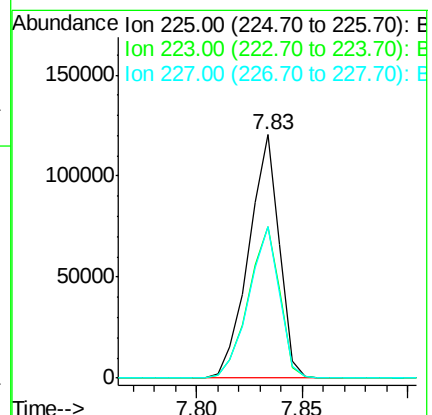
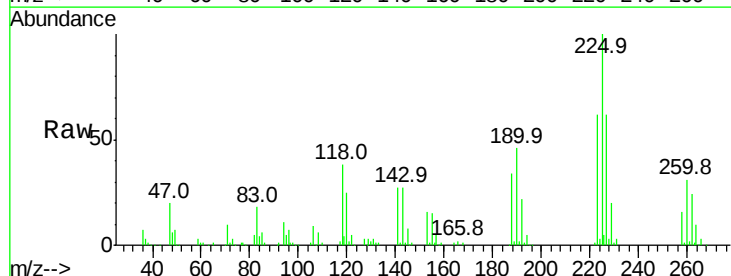
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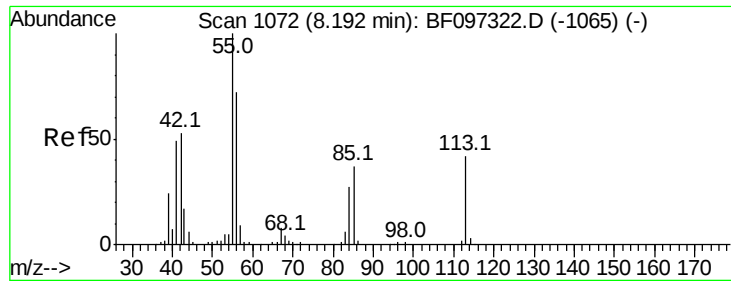
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#34
Hexachlorobutadiene
Concen: 41.531 ng
RT: 7.83 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	120913		
223	62.2	48.8	73.2	
227	62.3	51.1	76.7	





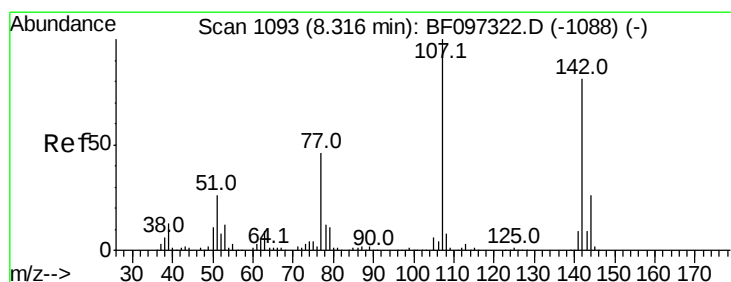
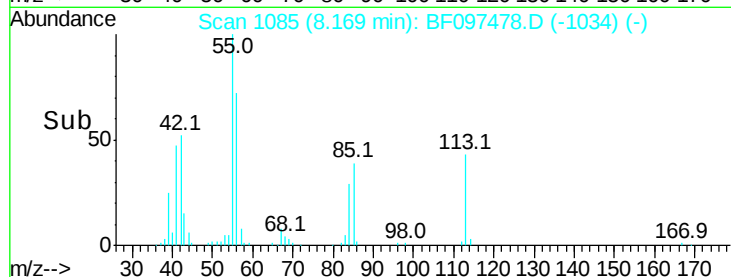
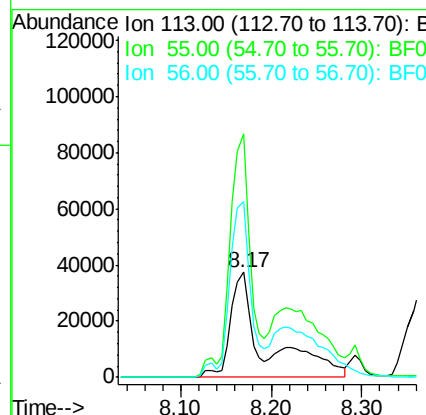
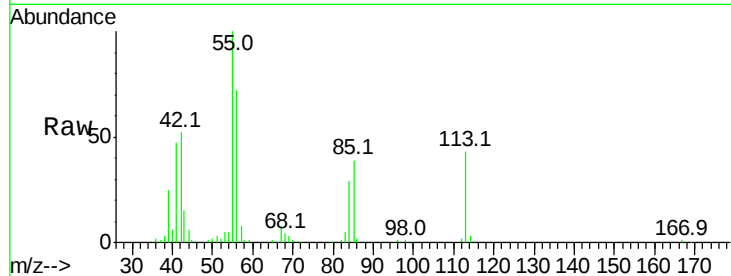
#35
 Caprolactam
 Concen: 53.425 ng/ml
 RT: 8.17 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleID :
 PB101311BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	231.8	150.2	190.2#
56	167.4	107.8	147.8#

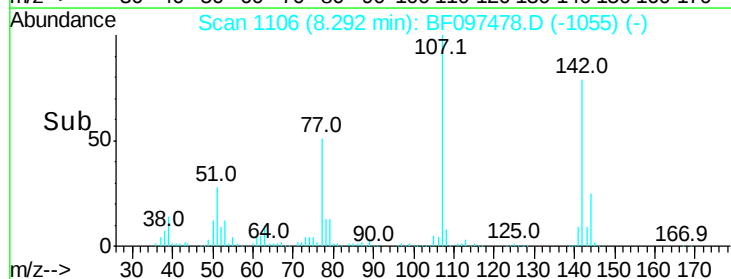
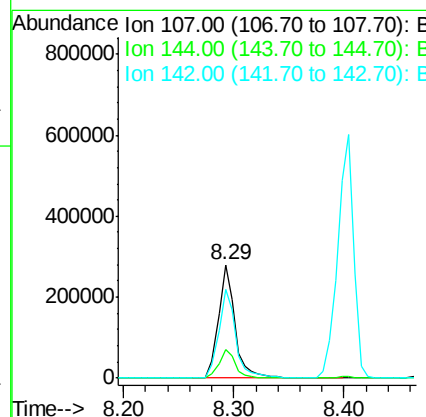
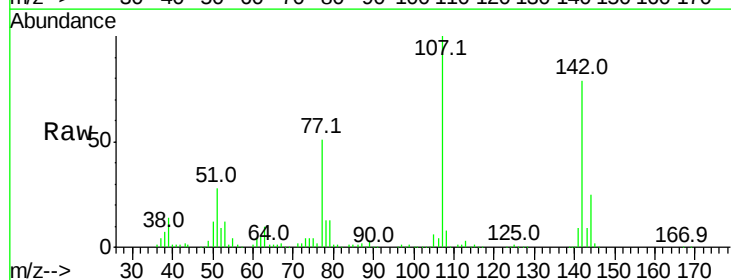
Manual Integrations
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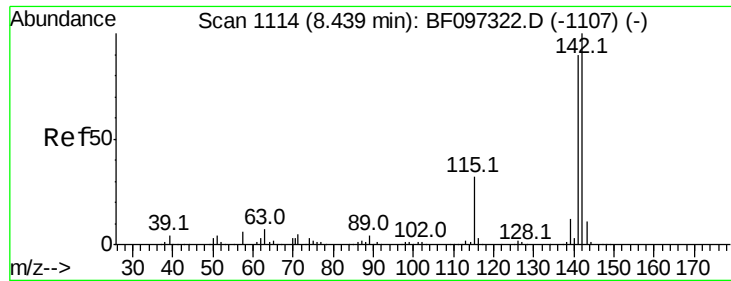
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#36
 4-Chloro-3-methylphenol
 Concen: 46.310 ng/ml
 RT: 8.29 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	24.2	36.4
142	78.5	73.4	110.0





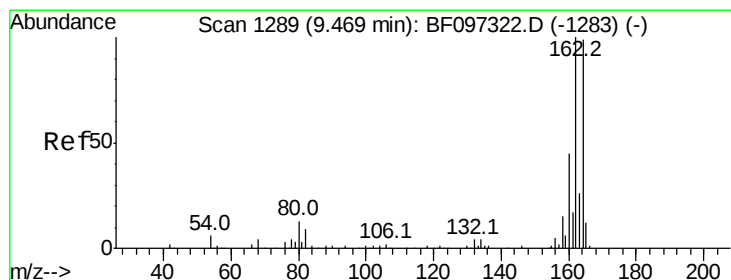
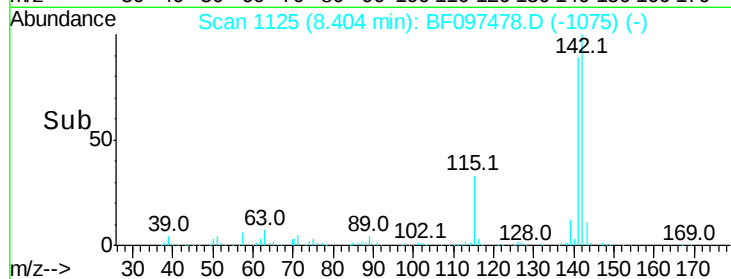
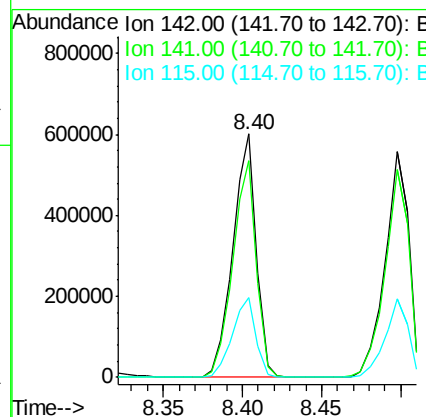
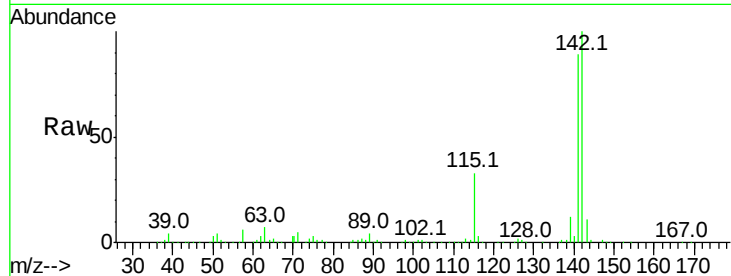
#37
2-Methylnaphthalene
Concen: 48.805 ng
RT: 8.40 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
PB101311BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	32.6	27.1	40.7

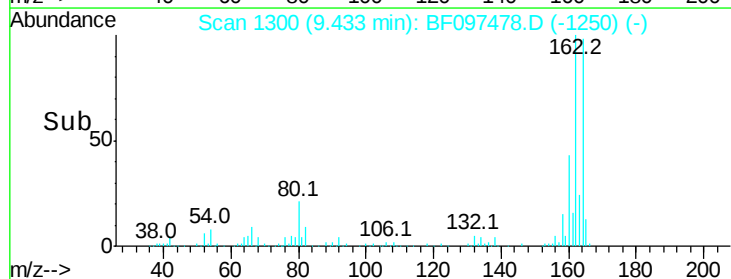
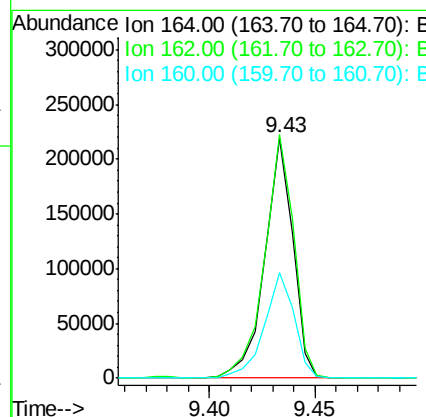
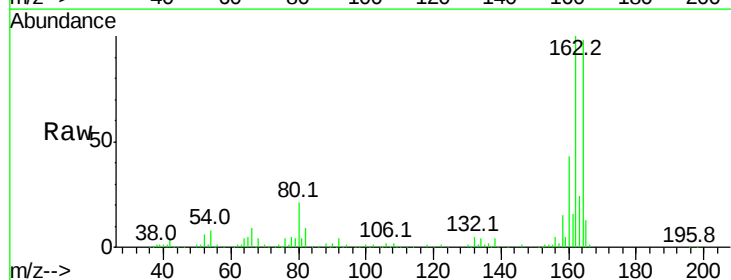
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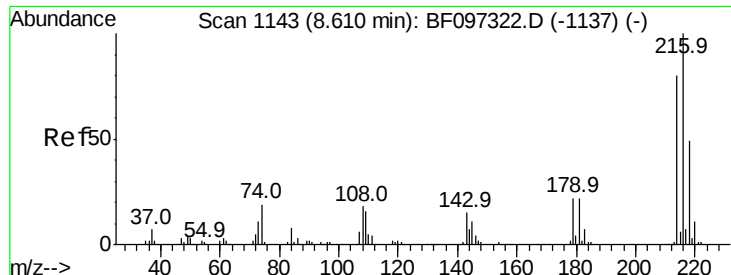
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	44.1	36.2	54.2





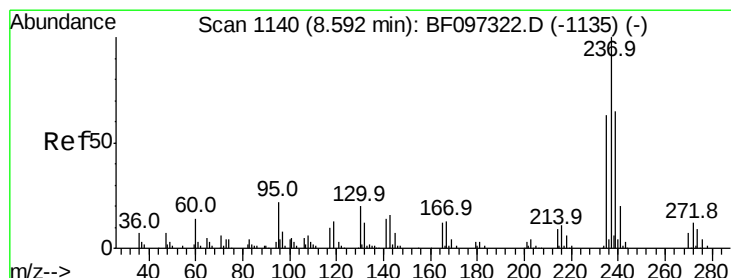
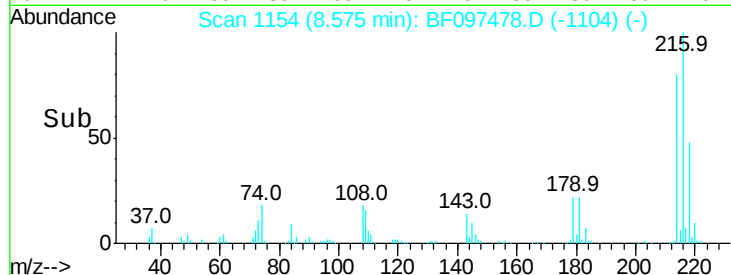
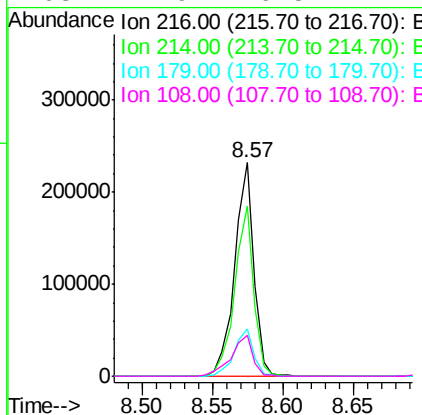
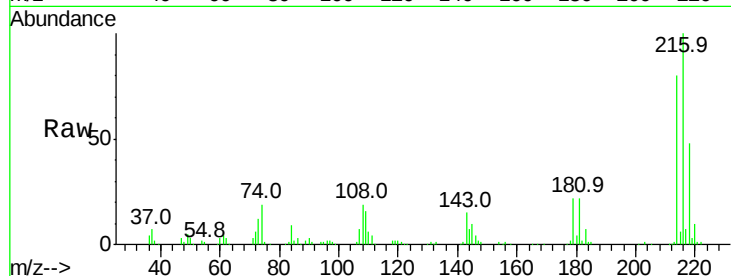
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.291 ng
 RT: 8.57 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	220191		
214	78.5	63.4	95.2	
179	22.1	17.9	26.9	
108	21.9	16.5	24.7	

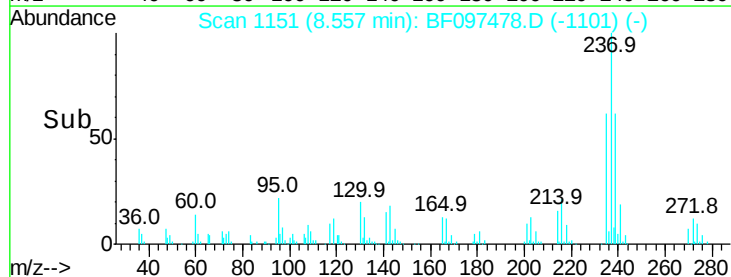
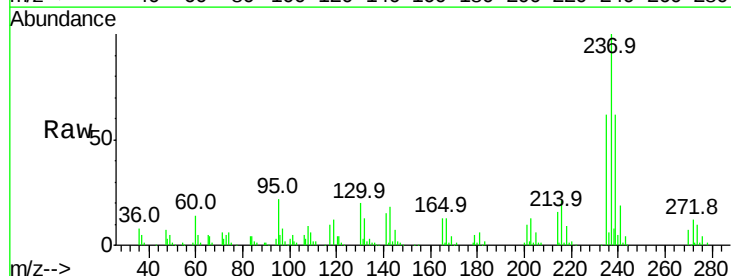
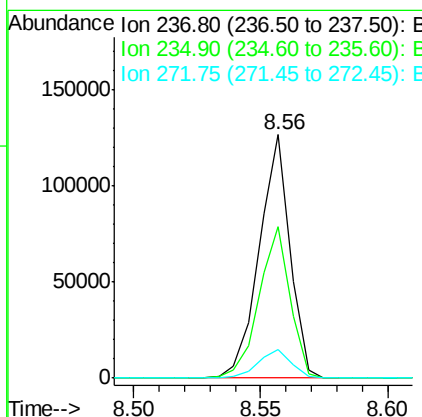
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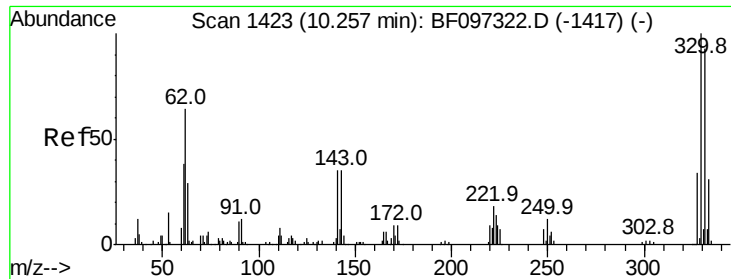
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#40
 Hexachlorocyclopentadiene
 Concen: 57.905 ng
 RT: 8.56 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	106869		
235	62.4	42.6	82.6	
272	11.9	0.0	31.9	





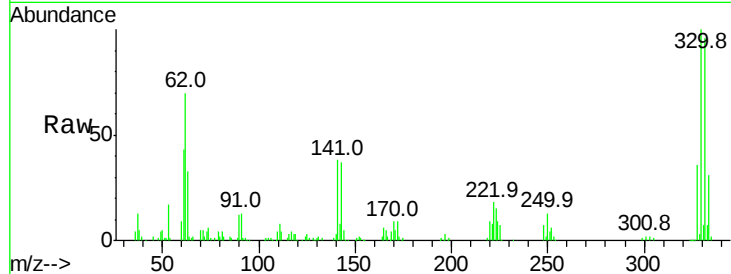
#41
 2,4,6-Tribromophenol
 Concen: 122.051 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101311BS

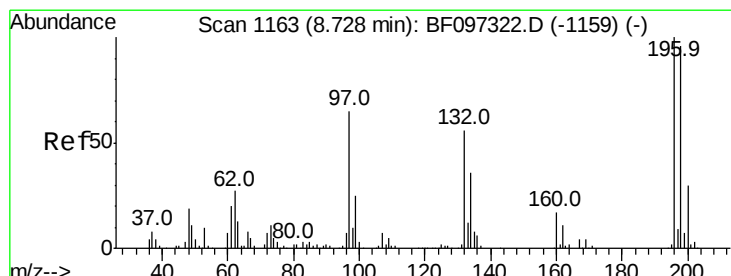
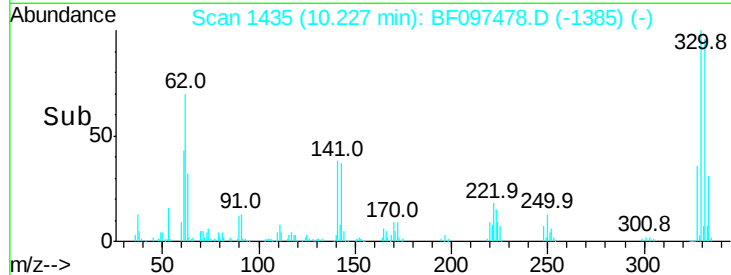
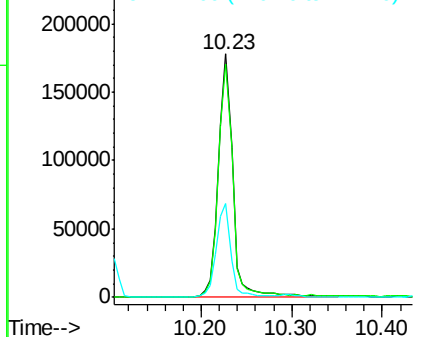
Tot Ion	Ratio	Resp	Lower	Upper
330	100	197510		
332	95.8	76.6	115.0	
141	38.5	31.4	47.2	

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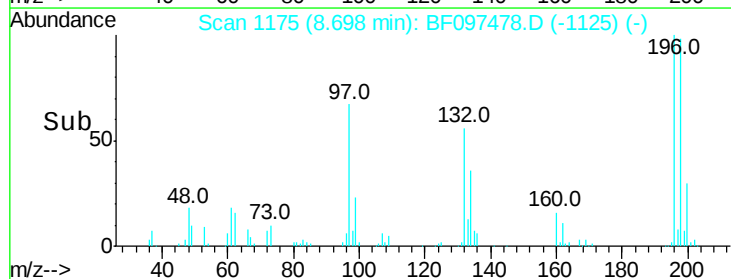
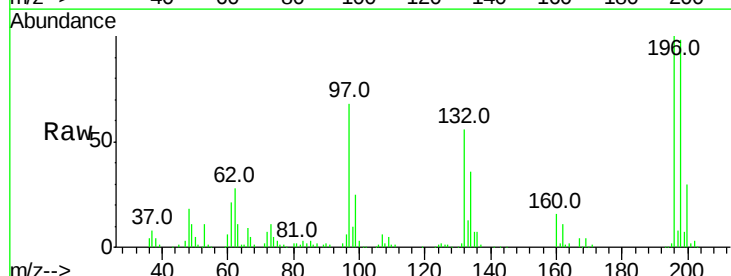
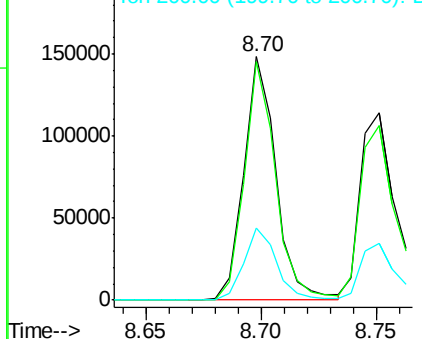
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

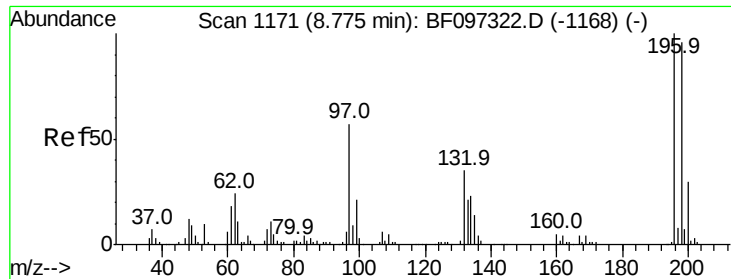


#42
 2,4,6-Trichlorophenol
 Concen: 36.572 ng
 RT: 8.70 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	144838		
198	97.8	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





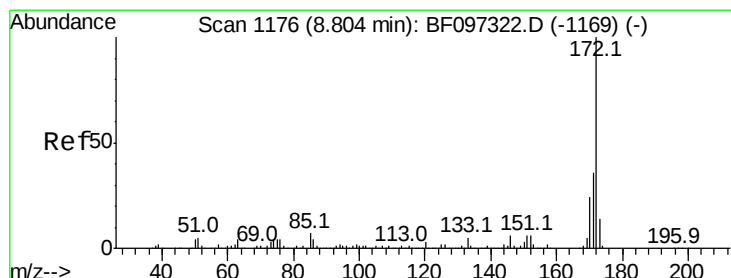
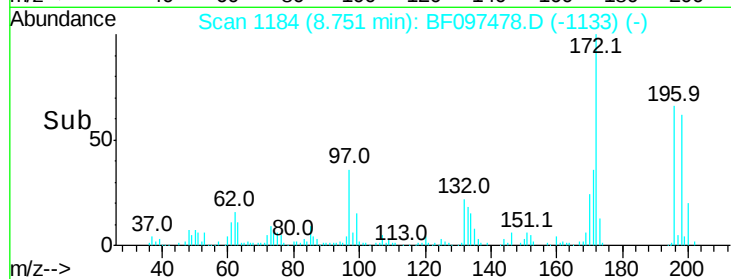
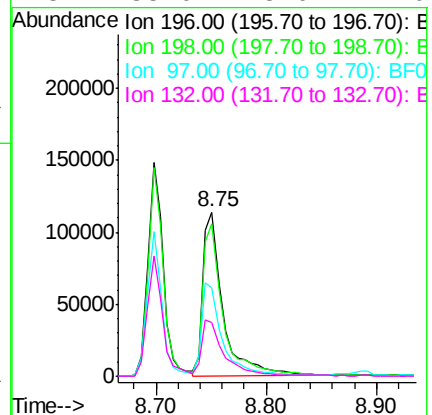
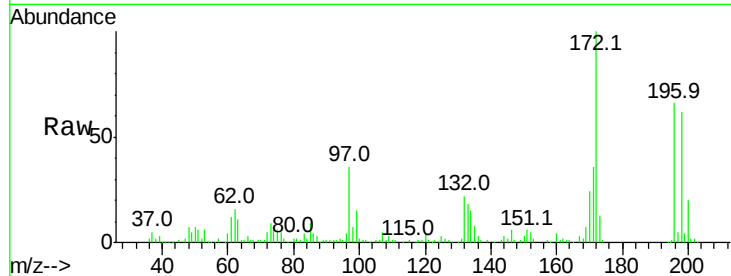
#43
 2,4,5-Trichlorophenol
 Concen: 35.413 ng
 RT: 8.75 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	140379		
198	93.1	75.7	113.5	
97	53.4	47.7	71.5	
132	33.0	28.0	42.0	

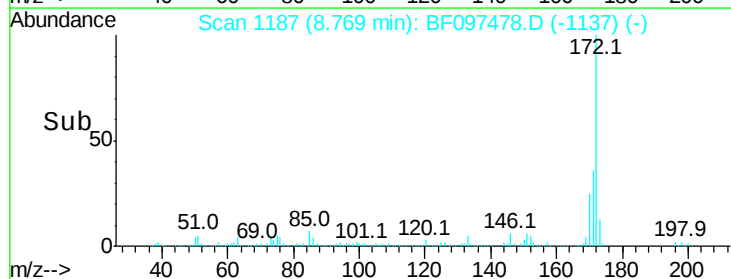
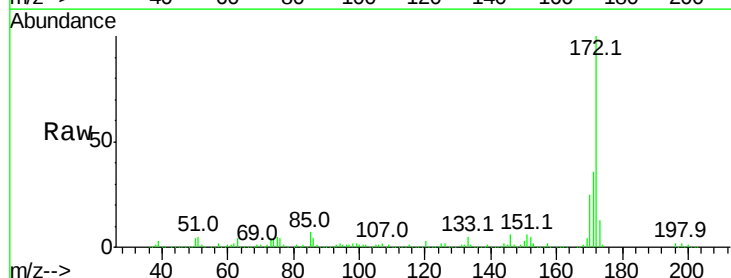
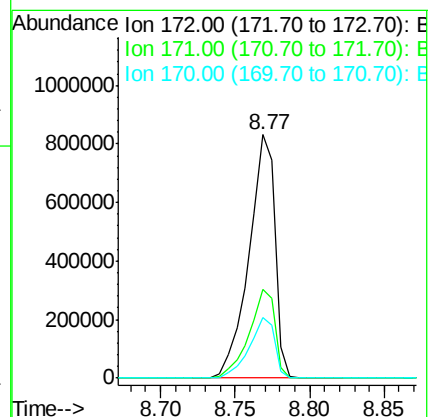
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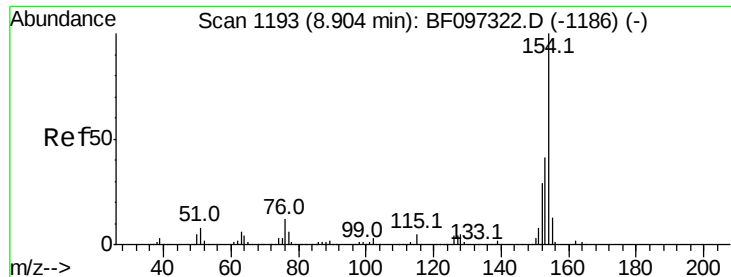
Sohil
 8/9/2017 7:16:25 PM



#44
 2-Fluorobiphenyl
 Concen: 82.461 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	995200		
171	36.3	29.6	44.4	
170	24.6	19.8	29.8	





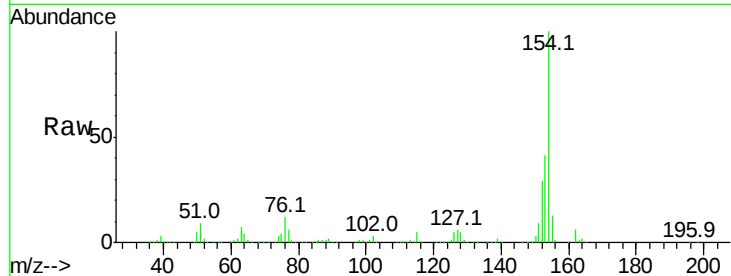
#45
 1,1'-Biphenyl
 Concen: 36.877 ng
 RT: 8.87 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101311BS

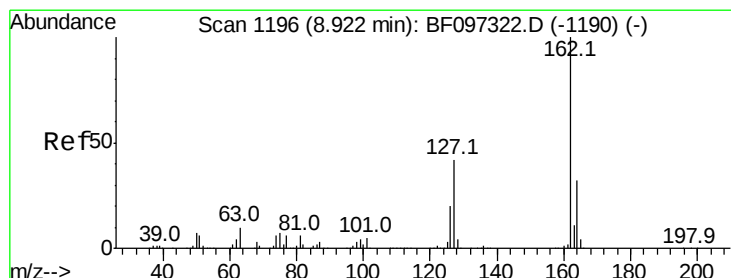
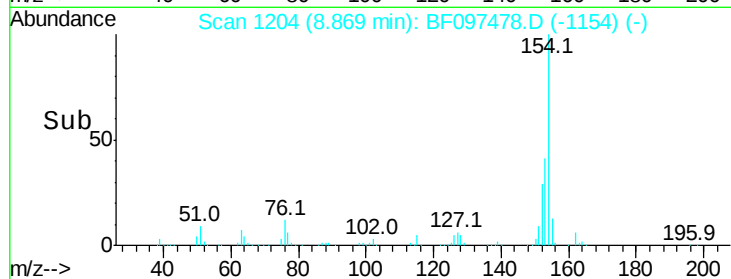
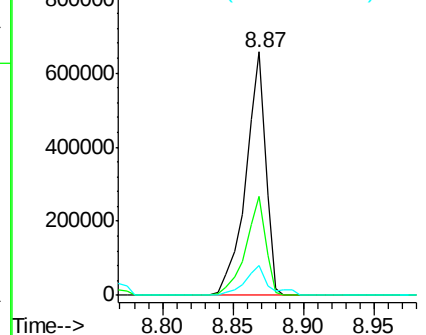
Tot Ion:	154	Resp:	645133
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.2	61.2
76	12.2	0.0	29.9

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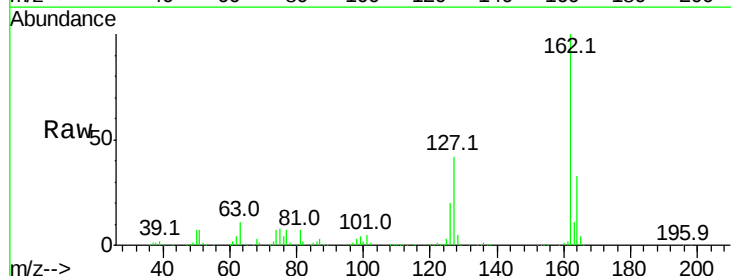


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

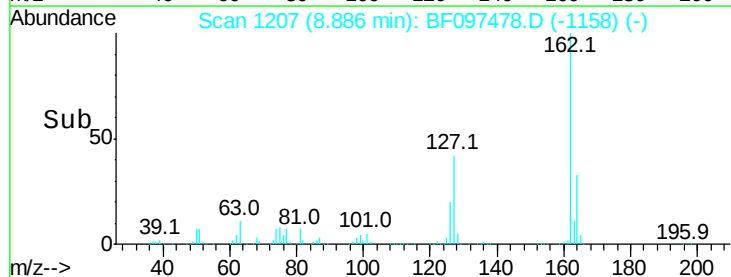
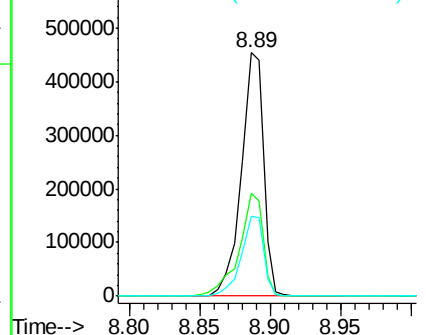


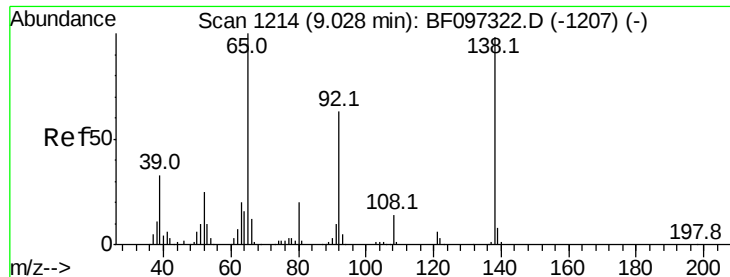
#46
 2-Chloronaphthalene
 Concen: 38.849 ng
 RT: 8.89 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Tgt Ion:	162	Resp:	500127
Ion Ratio	Lower	Upper	
162	100		
127	42.4	28.3	42.5
164	32.9	27.0	40.4



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





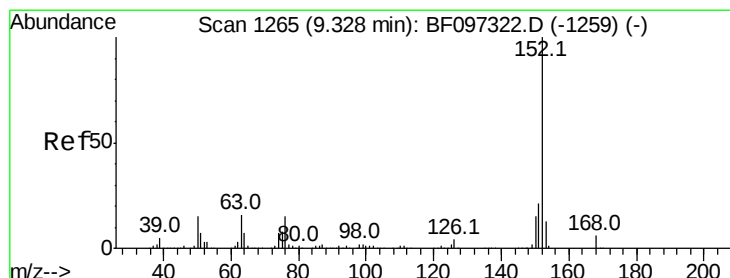
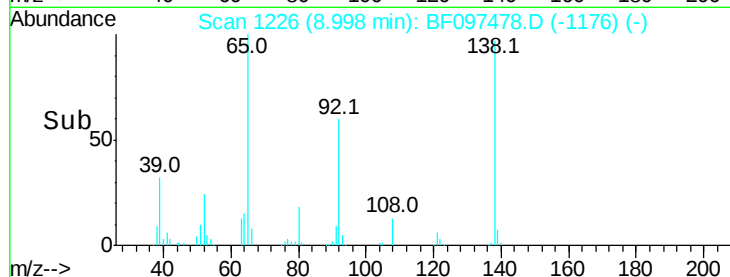
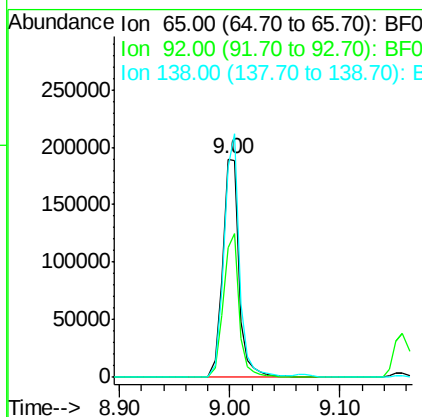
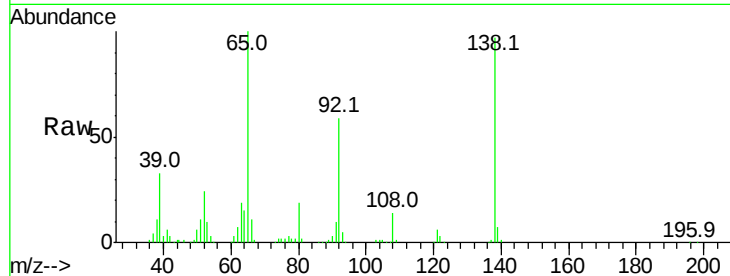
#47
2-Nitroaniline
Concen: 42.661 ng
RT: 9.00 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampled :
PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	199317		
92	59.3	53.9	80.9	
138	96.7	78.8	118.2	

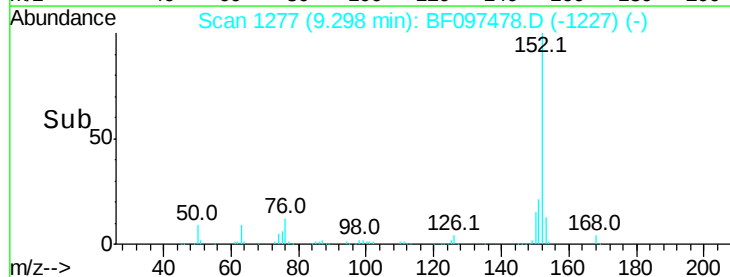
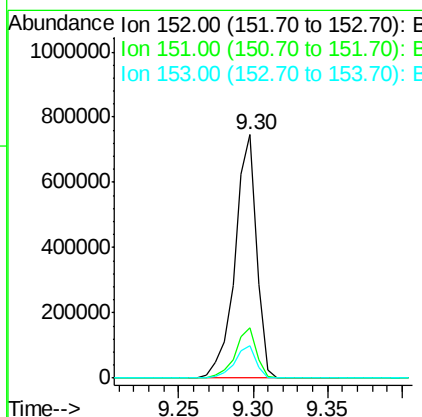
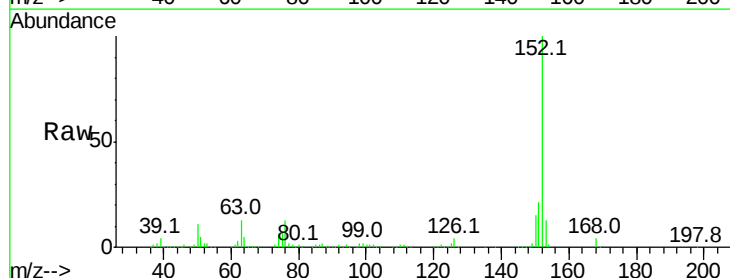
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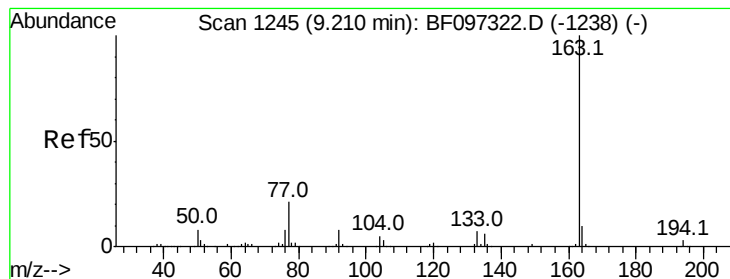
Sohil
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#48
Acenaphthylene
Concen: 38.258 ng
RT: 9.30 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	755980		
151	20.5	16.8	25.2	
153	13.2	10.8	16.2	





#49

Dimethylphthalate

Concen: 38.592 ng

RT: 9.18 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Instrument :

BNA_F

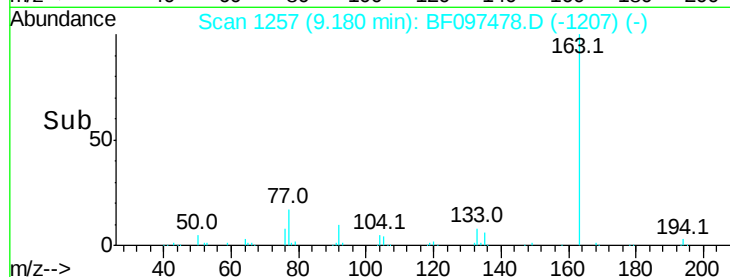
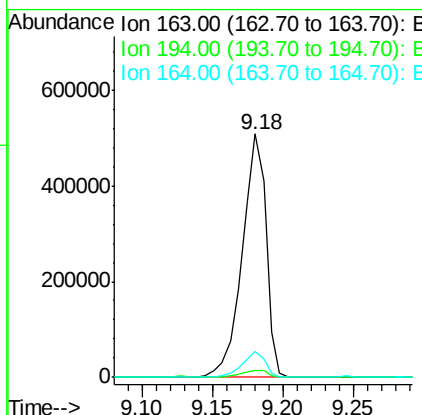
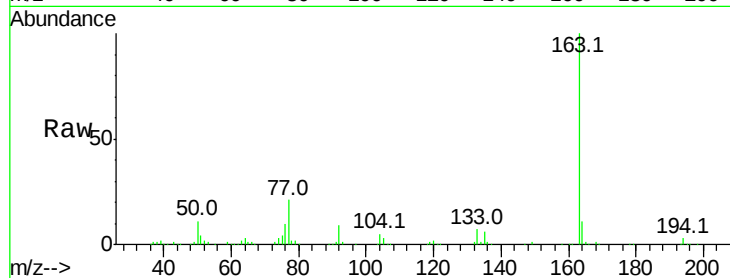
ClientSampleId :

PB101311BS

Tot Ion:	163	Resp:	600237
Ion Ratio	Lower	Upper	
163	100		
194	3.0	2.6	4.0
164	10.6	8.4	12.6

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#50

2,6-Dinitrotoluene

Concen: 38.319 ng

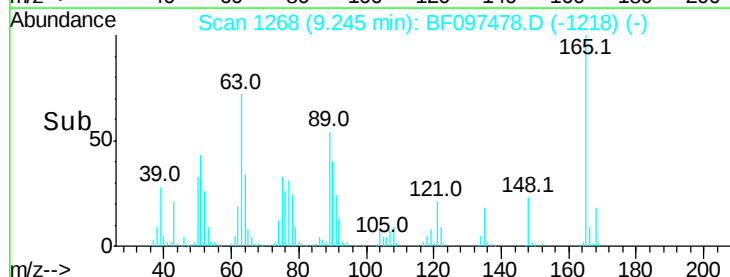
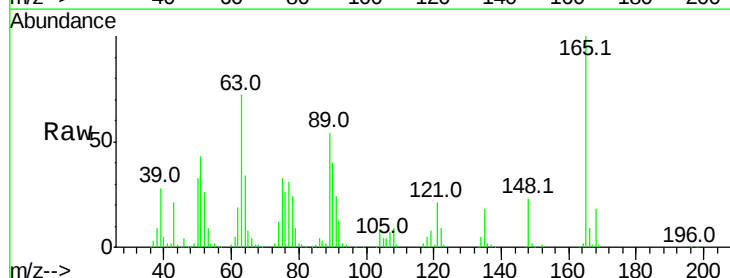
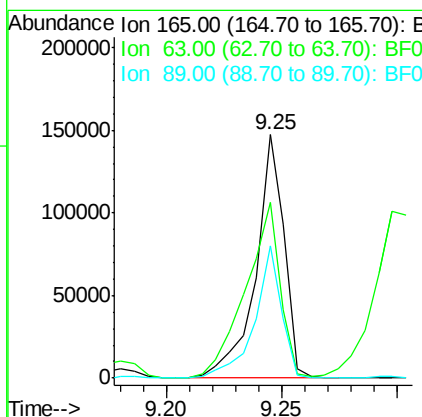
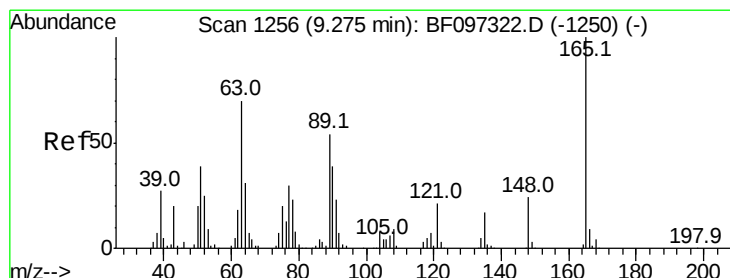
RT: 9.25 min Scan# 1268

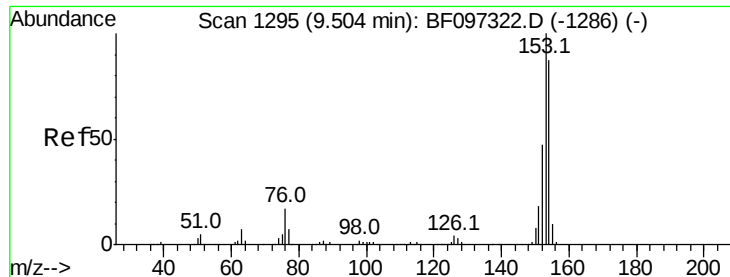
Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Tgt Ion:	165	Resp:	126406
Ion Ratio	Lower	Upper	
165	100		
63	72.1	34.3	51.5#
89	54.4	37.1	55.7





#51

Acenaphthene

Concen: 42.795 ng

RT: 9.47 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Instrument :

BNA_F

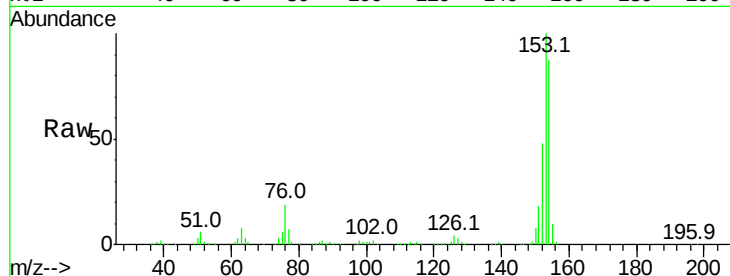
ClientSampleId :

PB101311BS

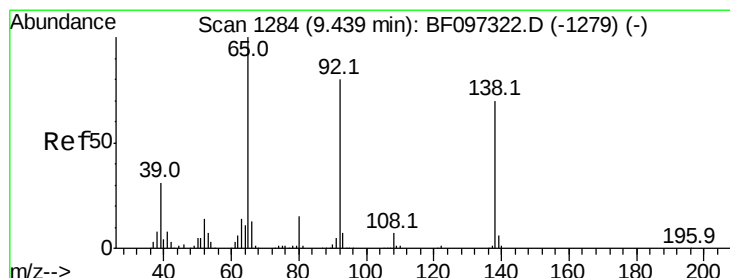
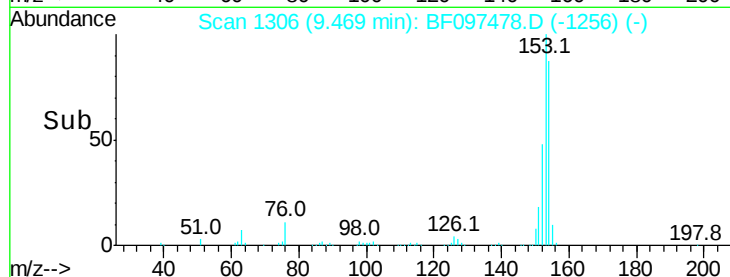
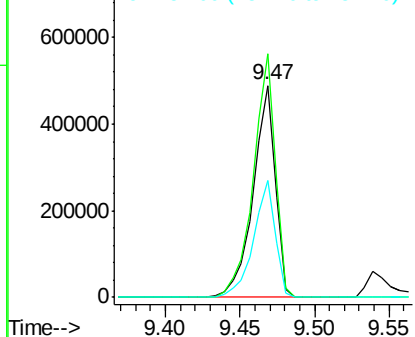
Tot Ion:	154	Resp:	498109
Ion Ratio	Lower	Upper	
154	100		
153	114.9	90.5	135.7
152	55.0	43.6	65.4

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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: 20.638 ng

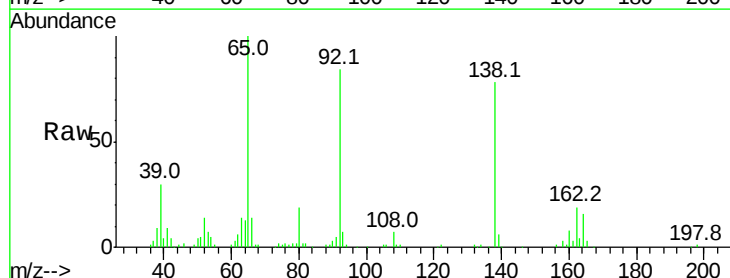
RT: 9.42 min Scan# 1297

Delta R.T. -0.01 min

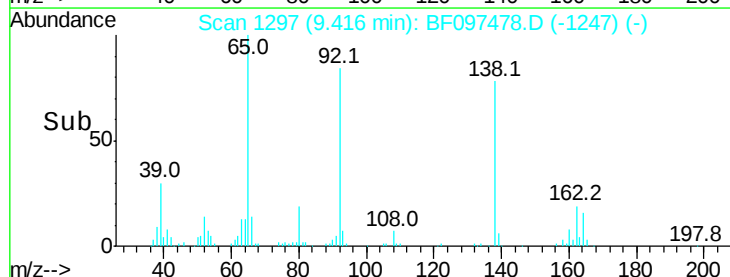
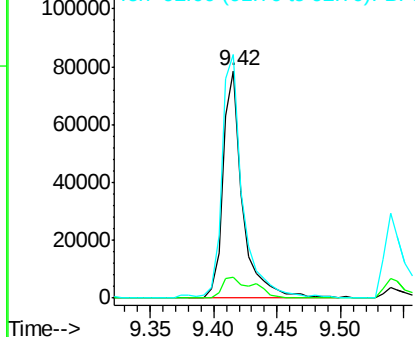
Lab File: BF097478.D

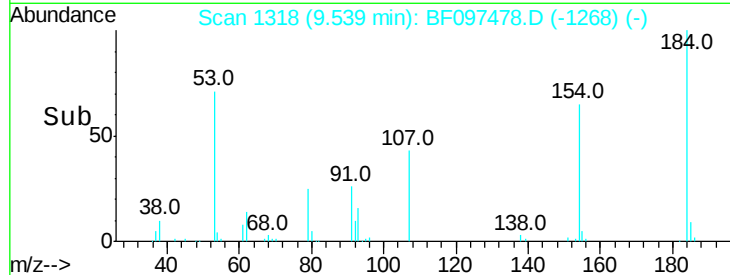
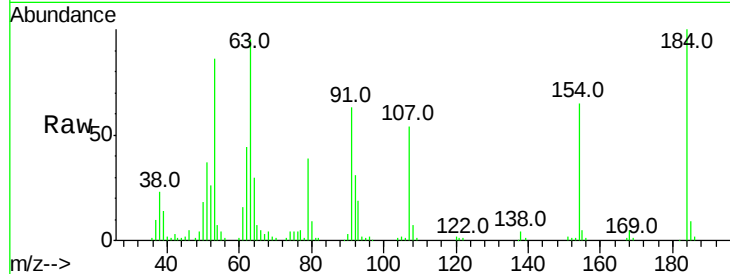
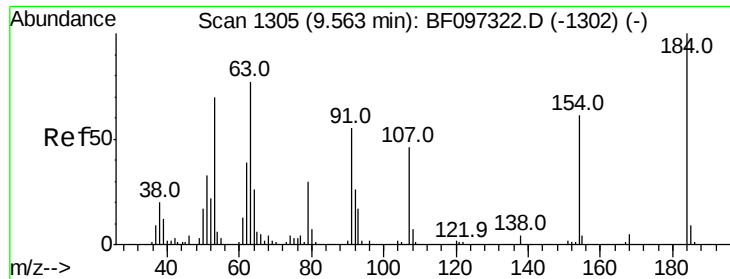
Acq: 8 Aug 2017 19:48

Tgt Ion:	138	Resp:	84503
Ion Ratio	Lower	Upper	
138	100		
108	9.4	9.1	13.7
92	107.1	93.8	140.6



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





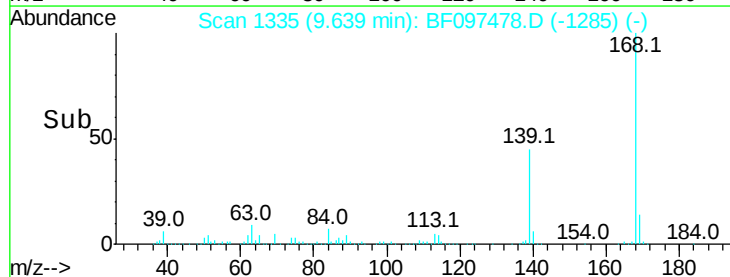
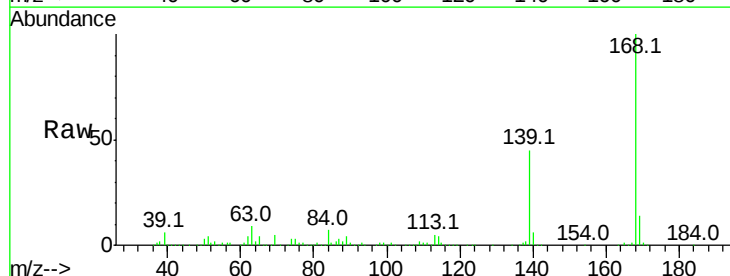
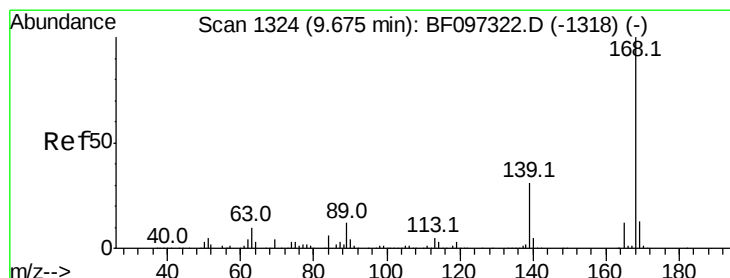
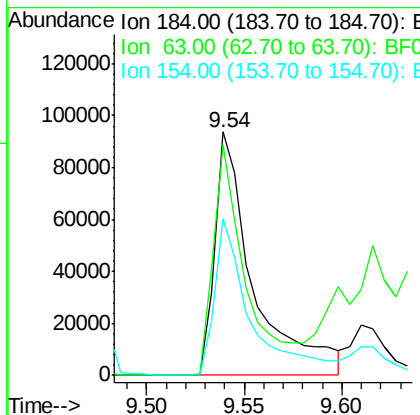
#53
2,4-Dinitrophenol
Concen: 85.975 ng
RT: 9.54 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tot Ion	Ratio	Resp	Lower	Upper
184	100	128953		
63	94.9	62.7	94.1#	
154	64.6	81.1	121.7#	

Instrument :
BNA_F
ClientSampleId :
PB101311BS

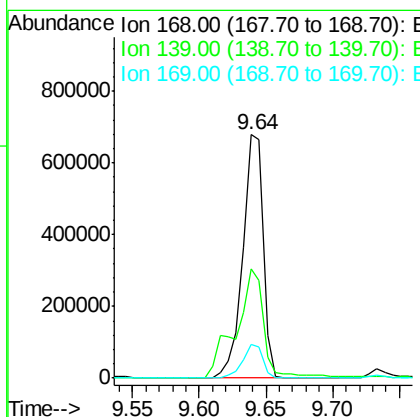
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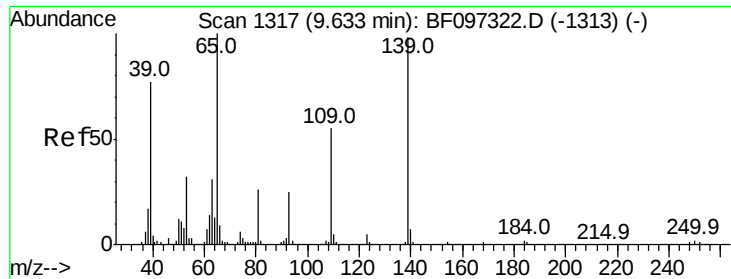
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#54
Dibenzofuran
Concen: 46.072 ng
RT: 9.64 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	714285		
139	44.7	30.6	45.8	
169	14.0	10.8	16.2	





#55

4-Nitrophenol

Concen: 54.496 ng/mL

RT: 9.62 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Instrument :

BNA_F

ClientSampleID :

PB101311BS

Tot Ion:139 Resp: 132697

Ion Ratio Lower Upper

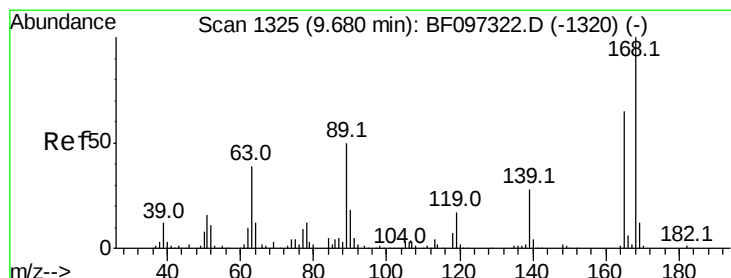
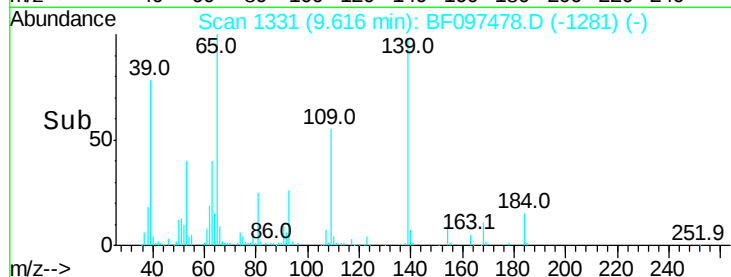
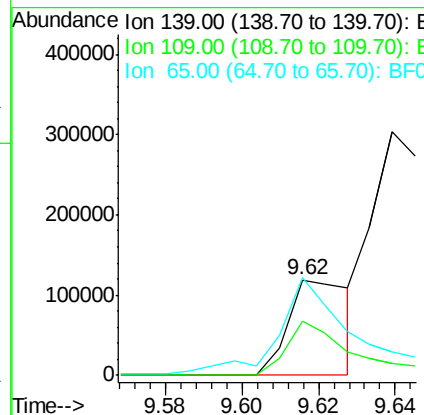
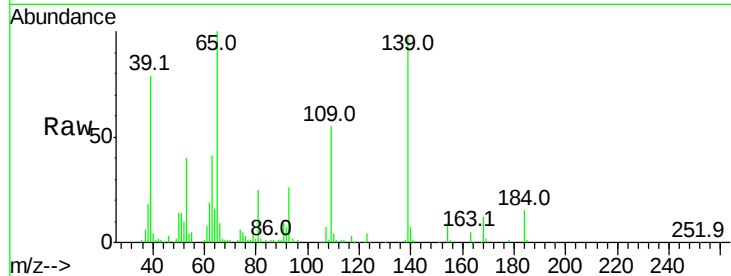
139 100

109 56.6 34.1 74.1

65 102.2 31.4 71.4#

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#56

2,4-Dinitrotoluene

Concen: 50.692 ng/mL

RT: 9.66 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Tgt Ion:165 Resp: 192235

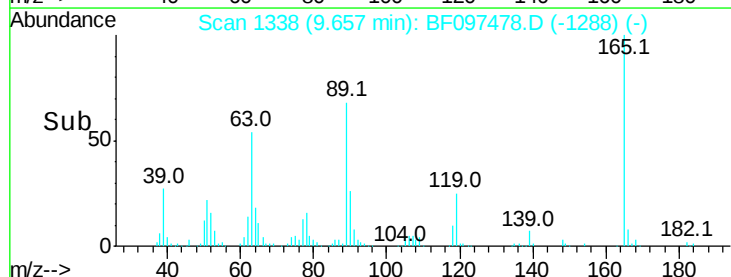
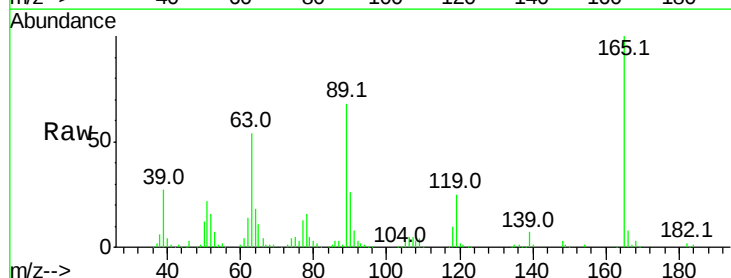
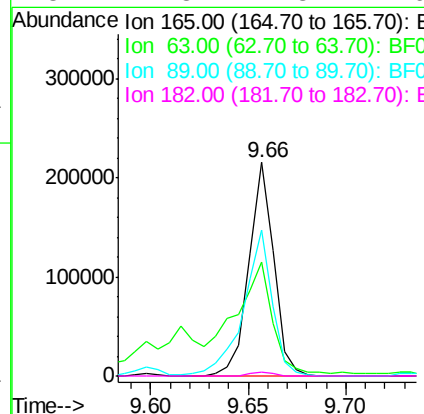
Ion Ratio Lower Upper

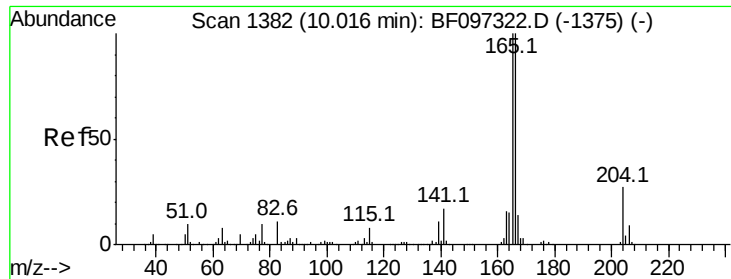
165 100

63 53.6 25.4 38.0#

89 68.1 46.4 69.6

182 1.8 1.8 2.6





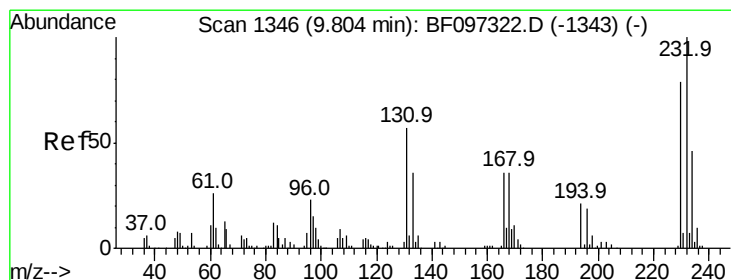
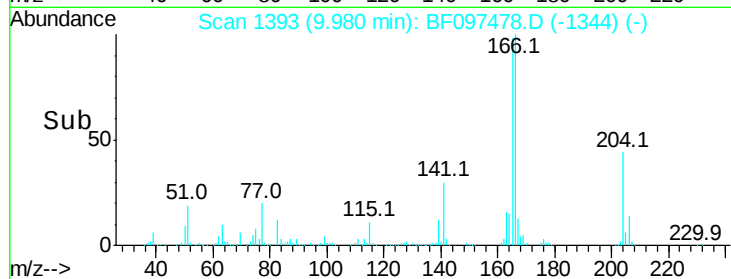
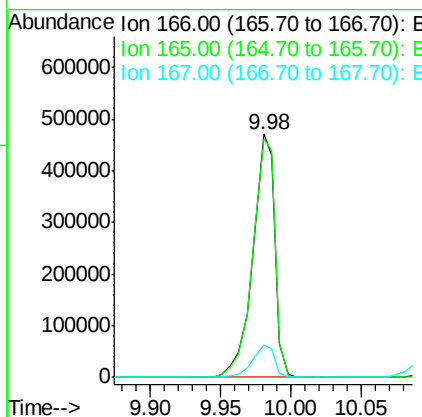
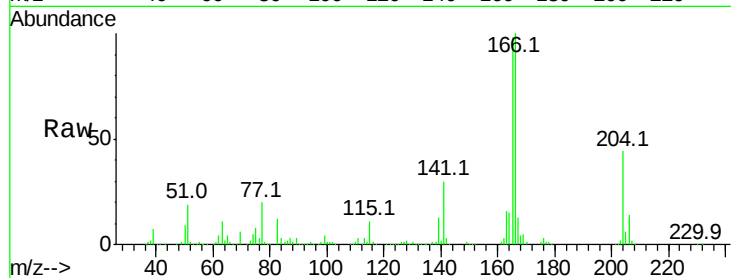
#57
Fluorene
 Concen: 44.279 ng
 RT: 9.98 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	515957		
165	97.9	78.8	118.2	
167	13.4	10.6	16.0	

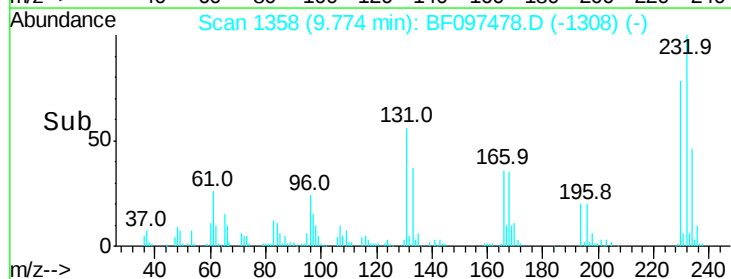
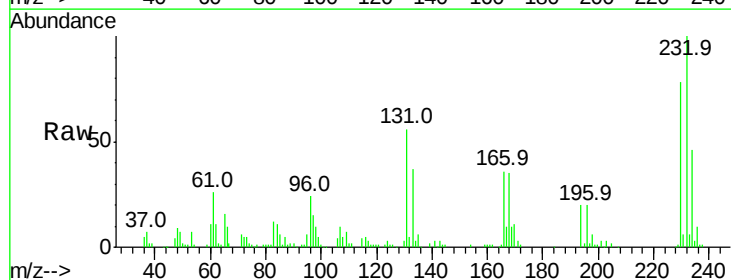
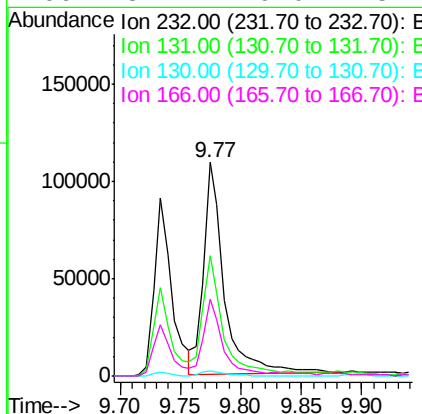
Manual Integrations
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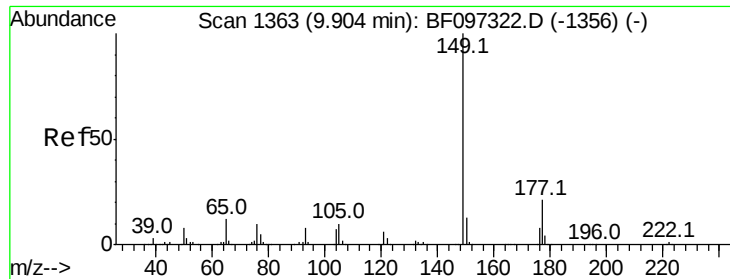
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.330 ng
 RT: 9.77 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	129542		
131	57.1	44.8	67.2	
130	2.6	2.3	3.5	
166	32.2	29.0	43.4	





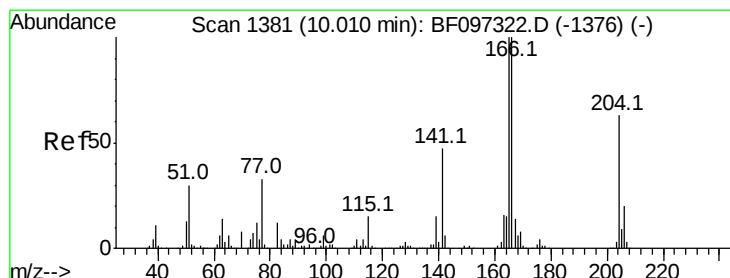
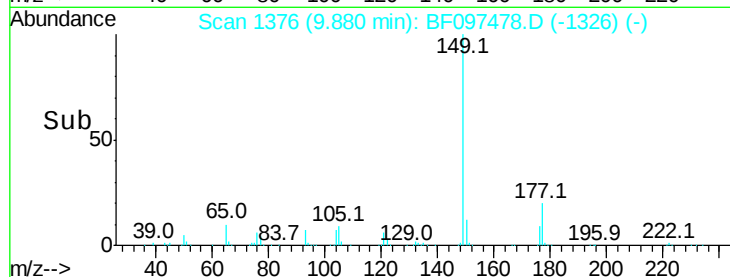
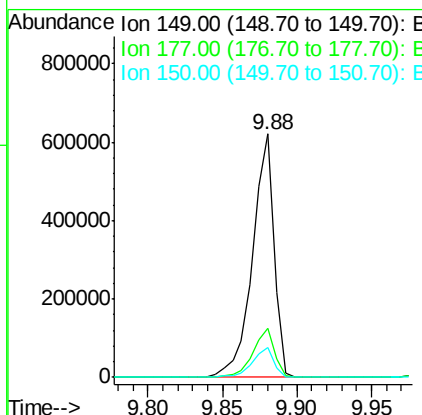
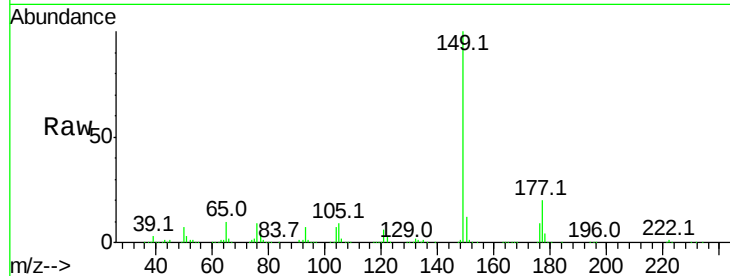
#59
Diethylphthalate
Concen: 43.222 ng
RT: 9.88 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
PB101311BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.7	25.1
150	12.4	10.2	15.2

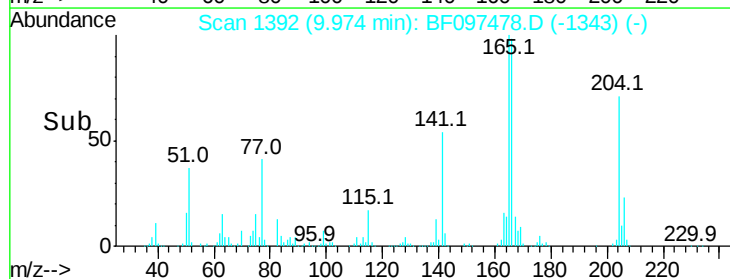
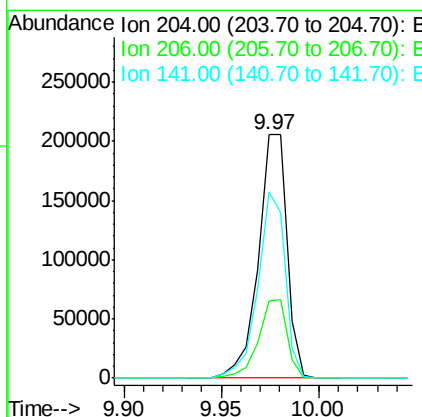
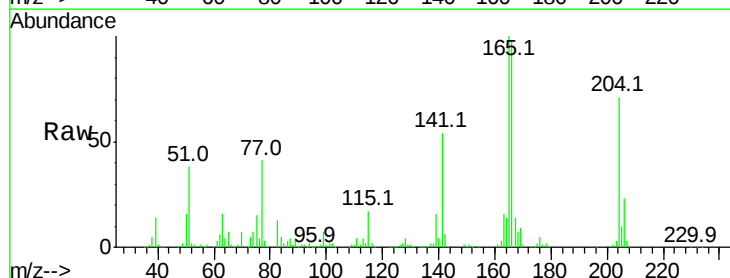
Manual Integrations
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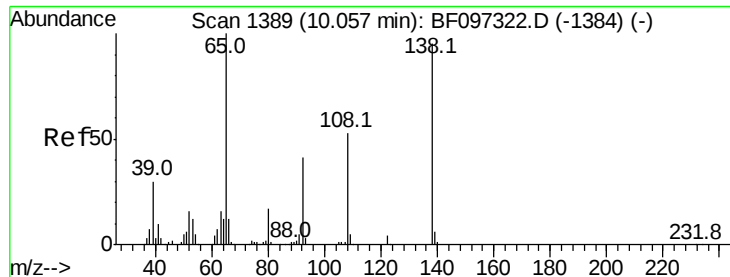
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#60
4-Chlorophenyl-phenylether
Concen: 43.719 ng
RT: 9.97 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.2	39.2
141	76.2	60.8	91.2





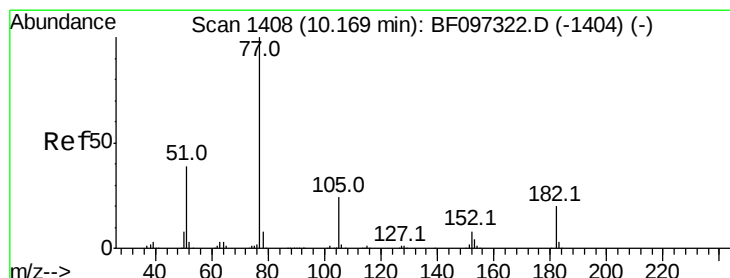
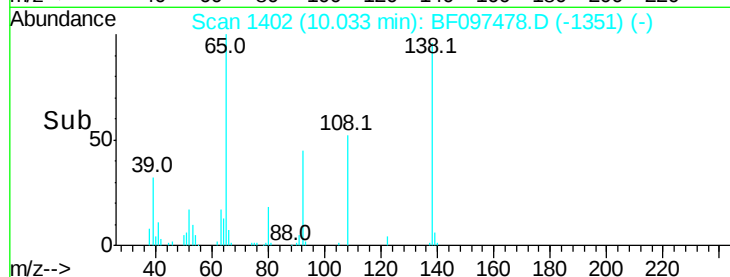
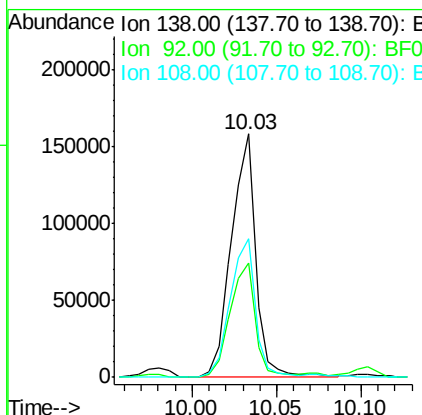
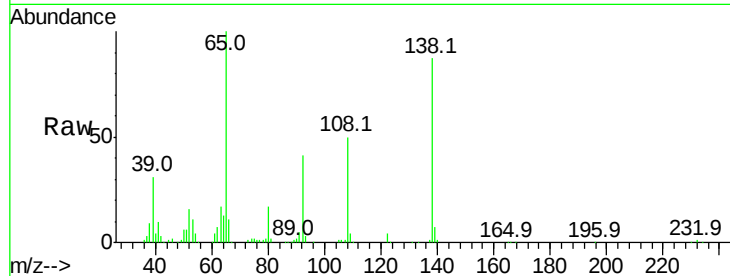
#61
4-Nitroaniline
Concen: 41.015 ng
RT: 10.03 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
PB101311BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.0	21.8	61.8
108	57.0	42.3	82.3

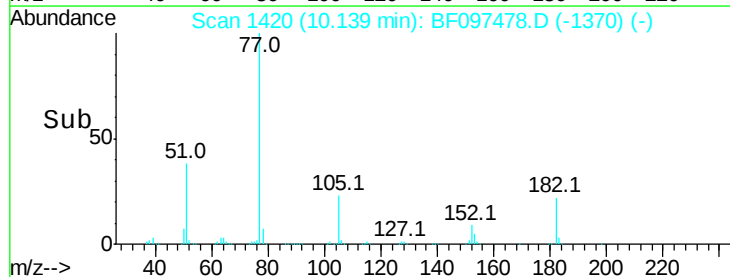
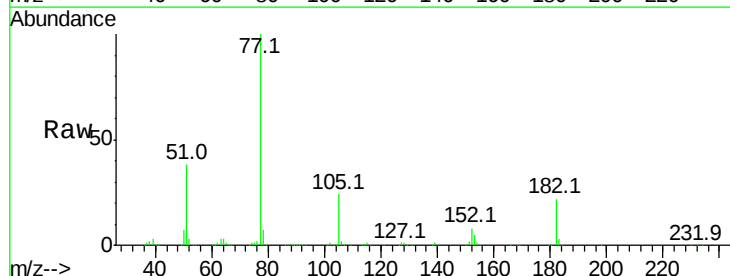
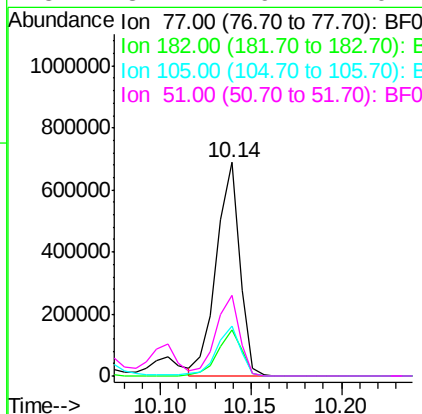
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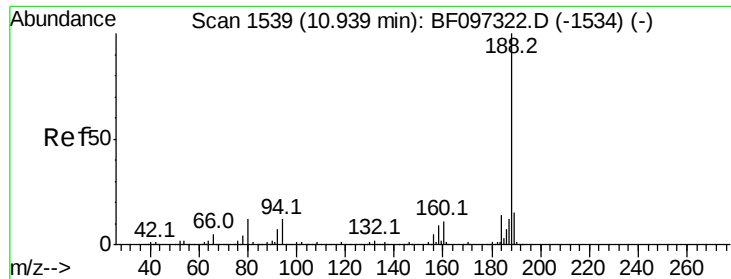
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#62
Azobenzene
Concen: 46.671 ng
RT: 10.14 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.7	0.1	40.1
105	23.5	3.6	43.6
51	37.7	9.4	49.4





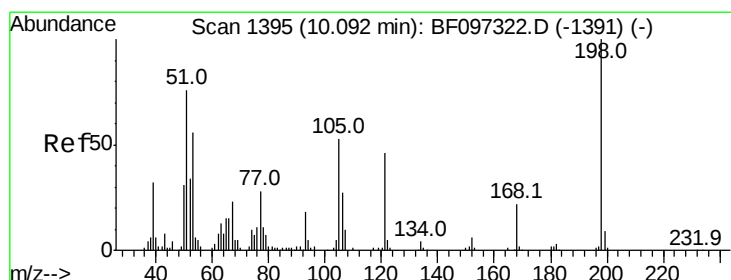
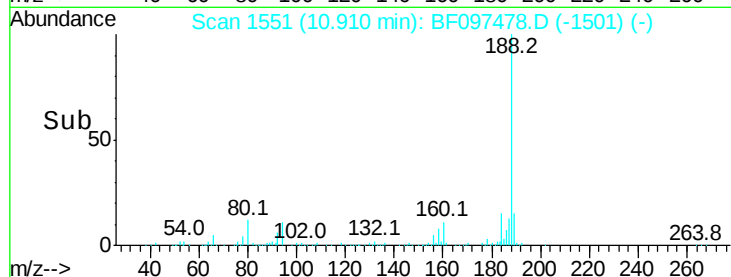
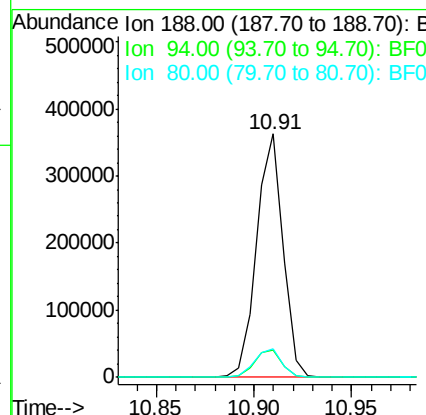
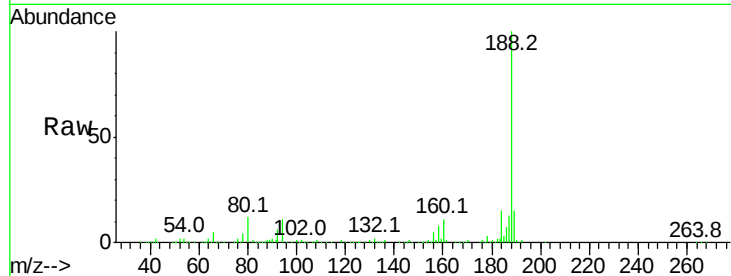
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.91 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.1	9.4	14.2	
80	11.6	10.2	15.2	

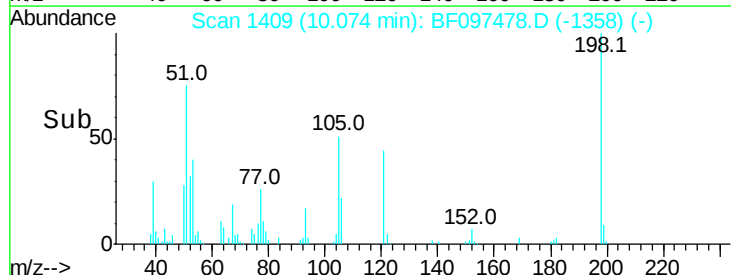
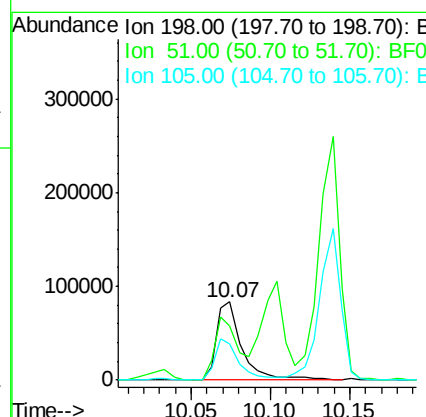
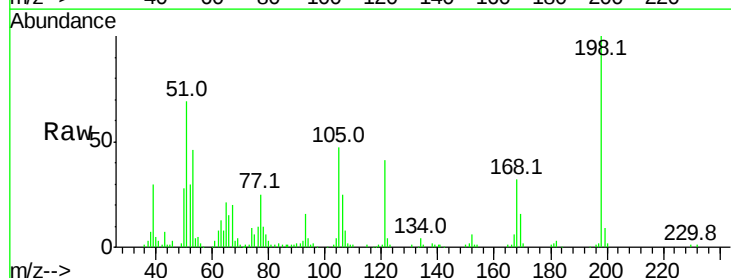
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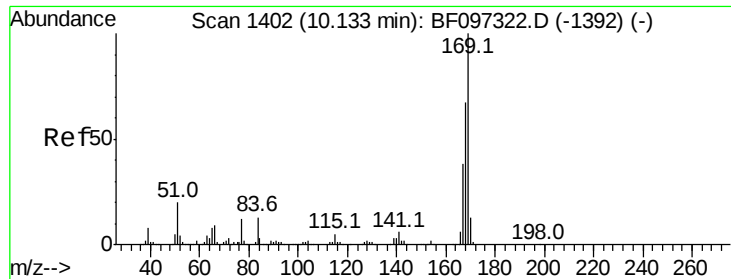
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.527 ng
RT: 10.07 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	69.5	53.2	93.2	
105	46.6	45.8	85.8	





#65

n-Nitrosodiphenylamine

Concen: 42.207 ng

RT: 10.10 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Instrument :

BNA_F

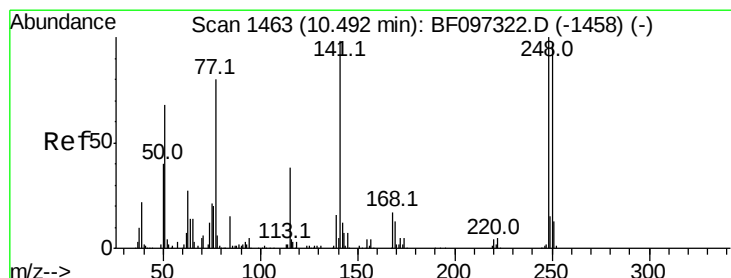
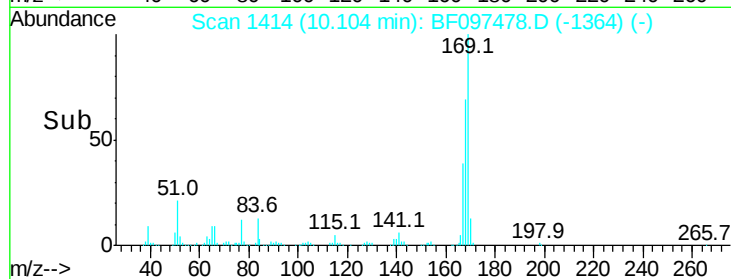
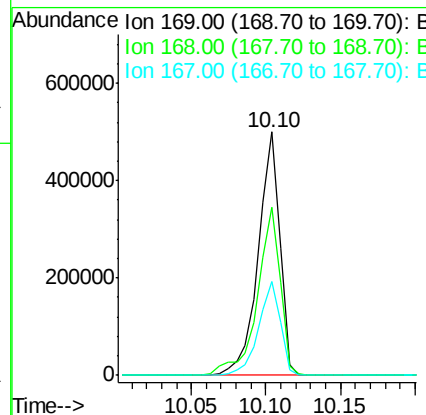
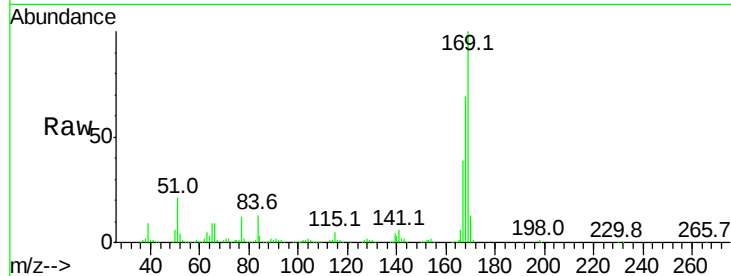
ClientSampleId :

PB101311BS

Tot Ion:	169	Resp:	498078
Ion Ratio	Lower	Upper	
169	100		
168	69.0	53.2	79.8
167	38.7	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 40.388 ng

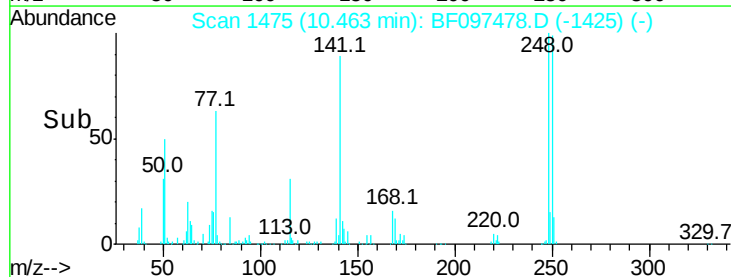
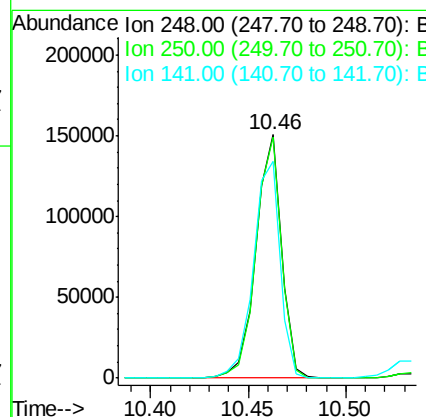
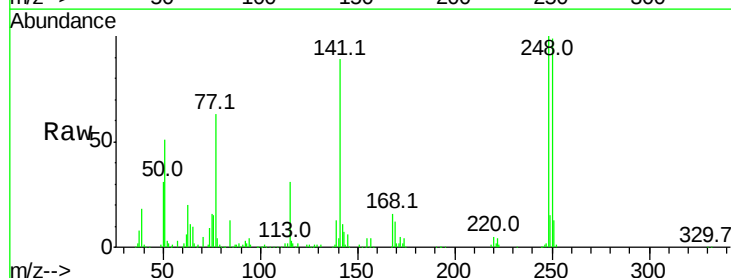
RT: 10.46 min Scan# 1475

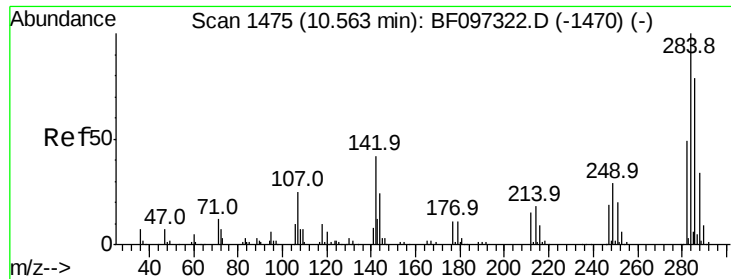
Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Tgt Ion:	248	Resp:	136702
Ion Ratio	Lower	Upper	
248	100		
250	99.0	76.8	115.2
141	89.0	68.6	103.0





#67

Hexachlorobenzene

Concen: 38.454 ng

RT: 10.53 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Instrument :

BNA_F

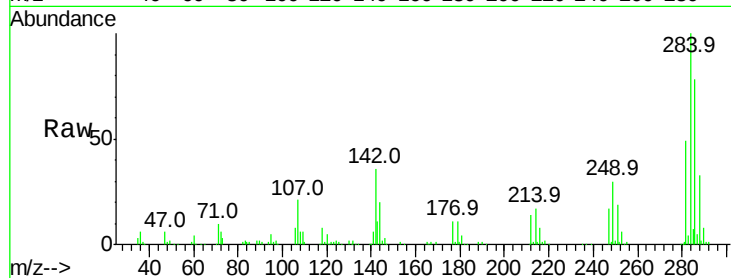
ClientSampleId :

PB101311BS

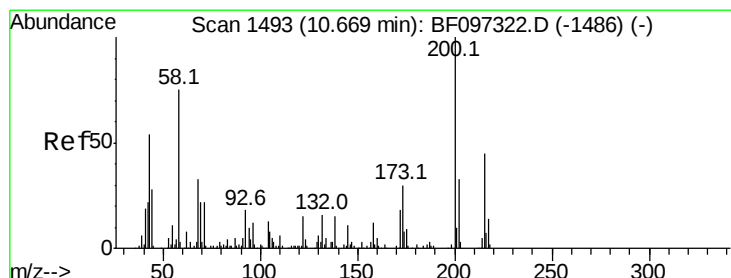
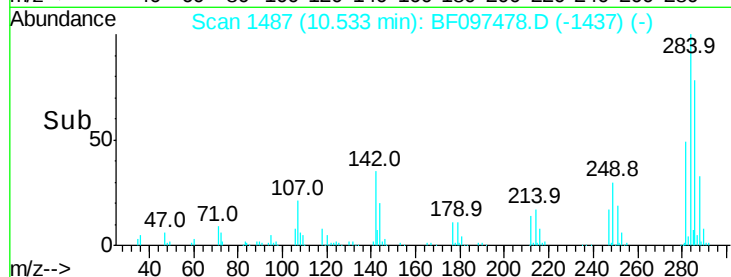
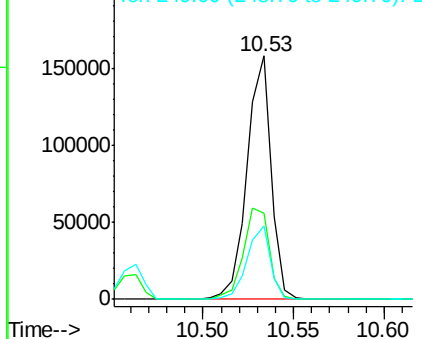
Tot Ion:	284	Resp:	145954
Ion Ratio		Lower	Upper
284	100		
142	35.6	22.8	34.2#
249	30.3	24.0	36.0

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



#68

Atrazine

Concen: 42.315 ng

RT: 10.64 min Scan# 1505

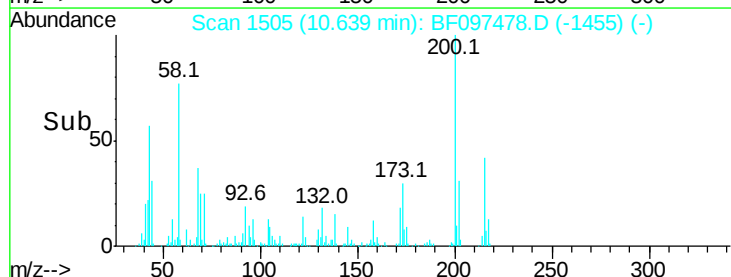
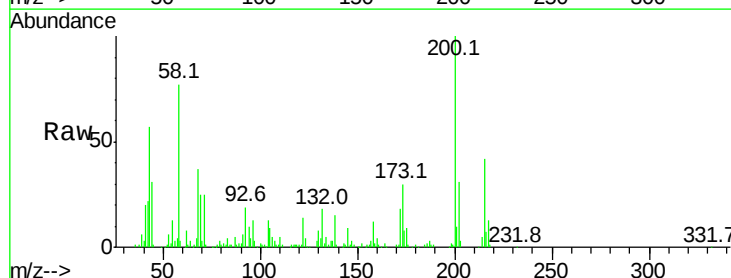
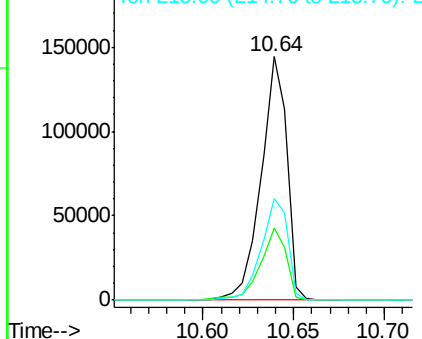
Delta R.T. -0.01 min

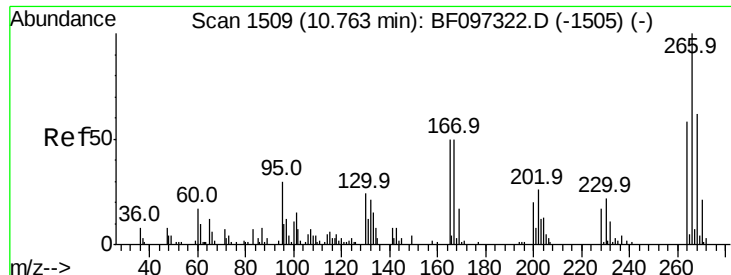
Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Tgt Ion:	200	Resp:	143189
Ion Ratio		Lower	Upper
200	100		
173	29.7	6.3	46.3
215	41.8	27.2	67.2

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





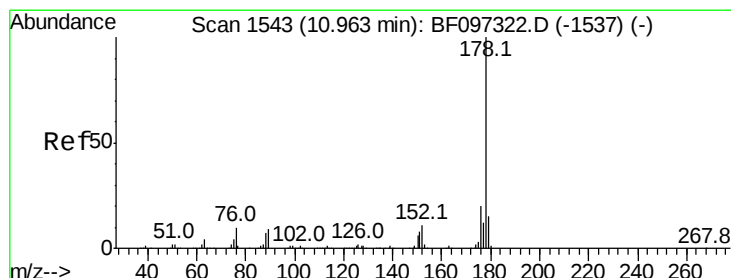
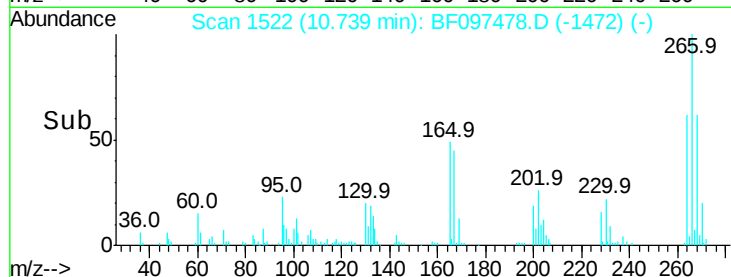
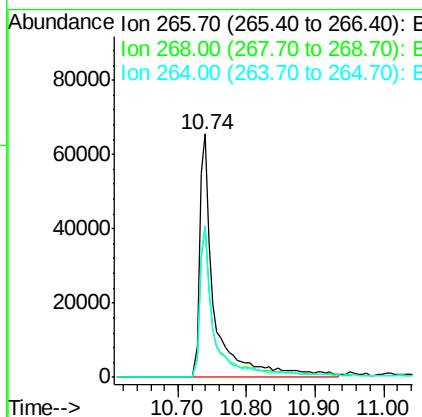
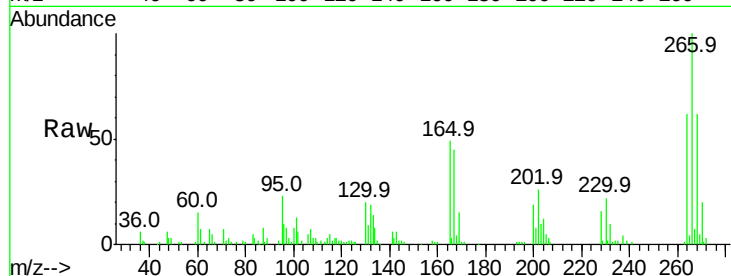
#69
 Pentachlorophenol
 Concen: 64.190 ng
 RT: 10.74 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampled :
 PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	100807		
268	62.4		51.1	76.7
264	62.2		51.7	77.5

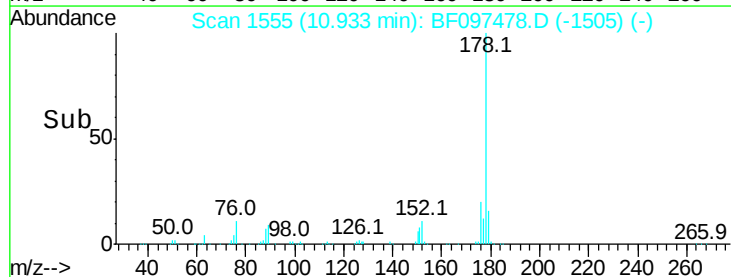
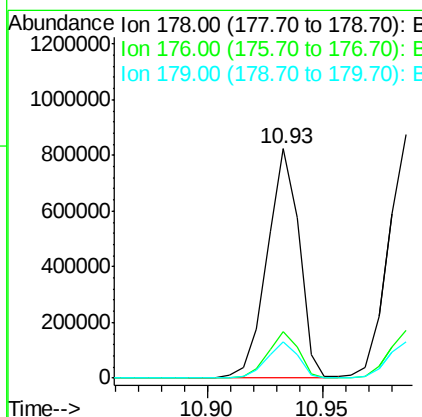
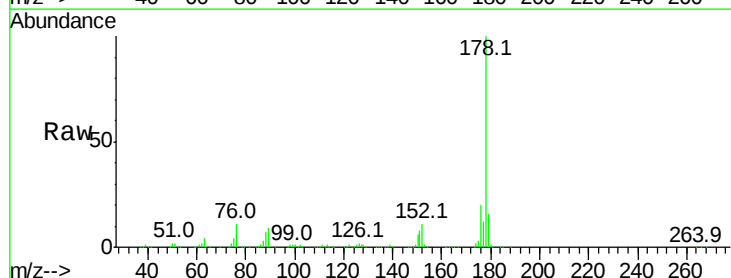
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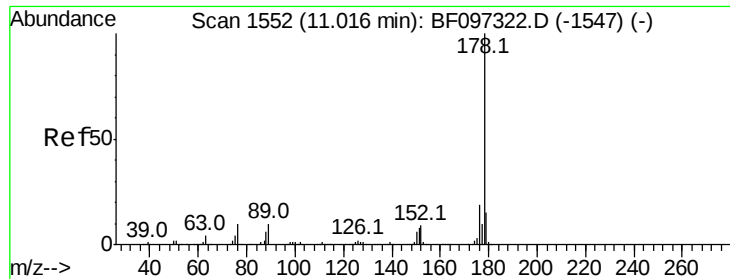
Sohil
 8/9/2017 7:16:25 PM



#70
 Phenanthrene
 Concen: 43.644 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	793112		
176	20.1		16.2	24.4
179	15.7		12.6	19.0





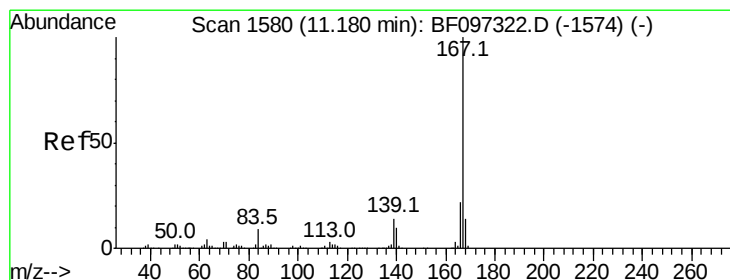
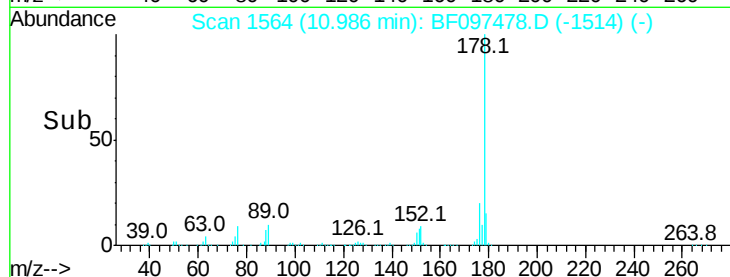
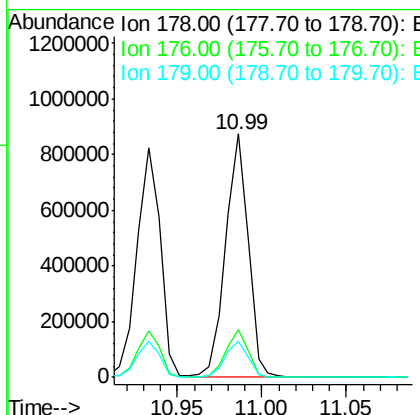
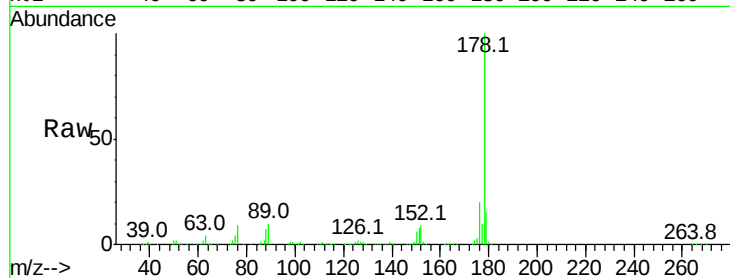
#71
 Anthracene
 Concen: 43.924 ng
 RT: 10.99 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101311BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	14.9	12.7	19.1

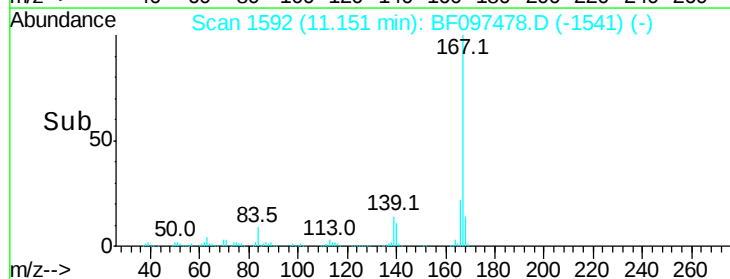
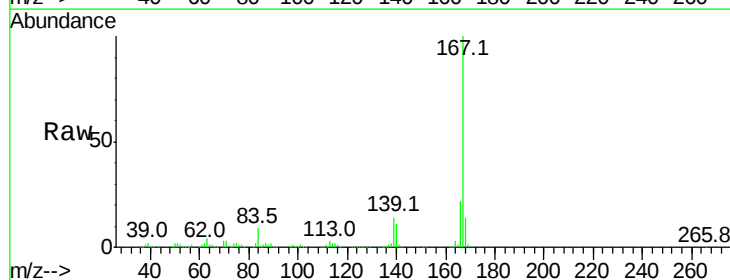
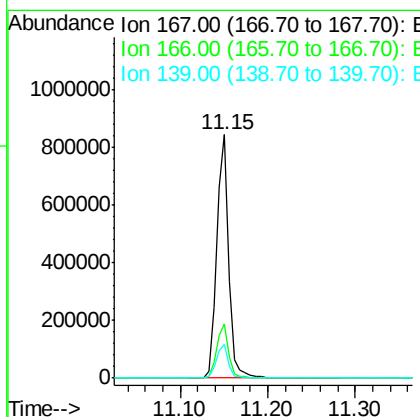
Manual Integrations
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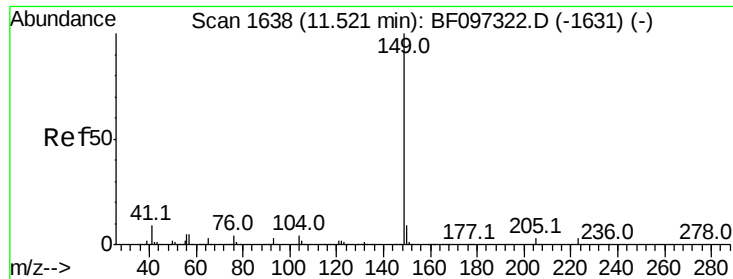
Sohil
 8/9/2017 7:16:25 PM



#72
 Carbazole
 Concen: 43.613 ng
 RT: 11.15 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	14.1	11.7	17.5





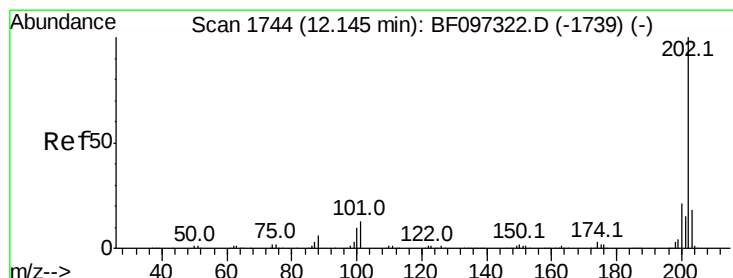
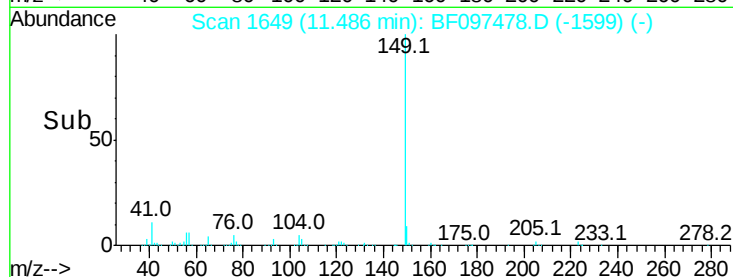
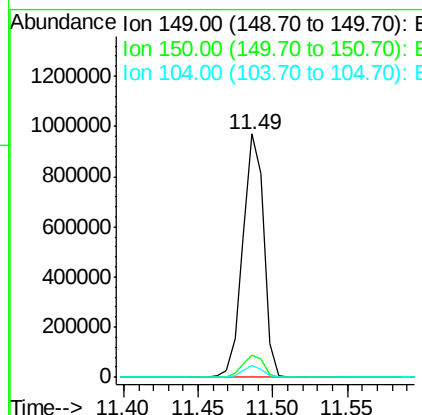
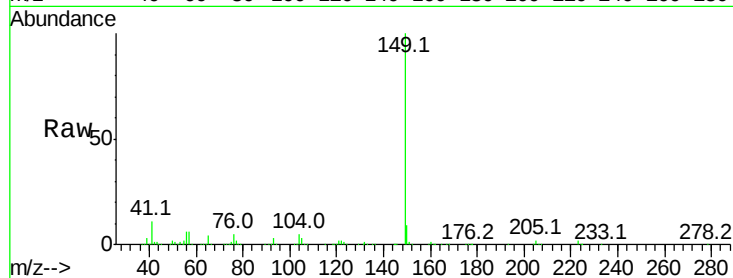
#73
Di-n-butylphthalate
Concen: 41.736 ng
RT: 11.49 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.7	11.5	
104	4.7	4.0	6.0	

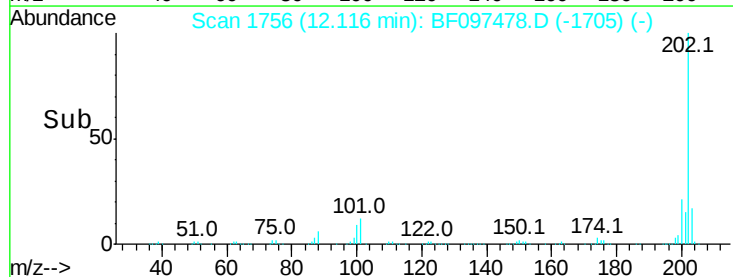
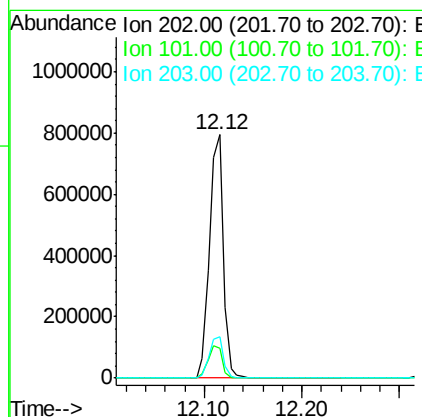
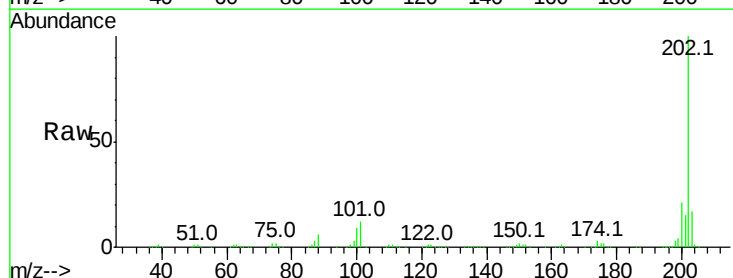
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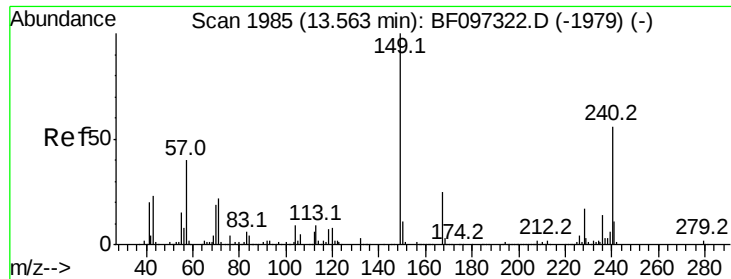
Sohil
8/9/2017 7:16:25 PM



#74
Fluoranthene
Concen: 44.090 ng
RT: 12.12 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.2	0.0	33.2	
203	16.9	0.0	38.1	





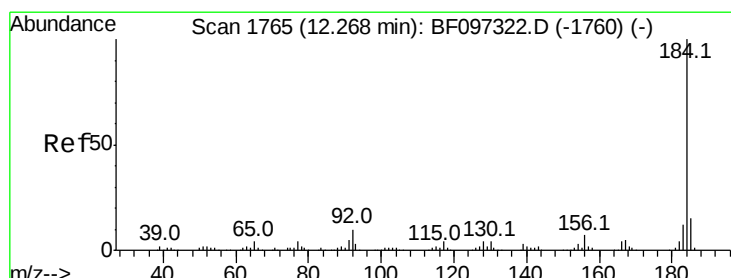
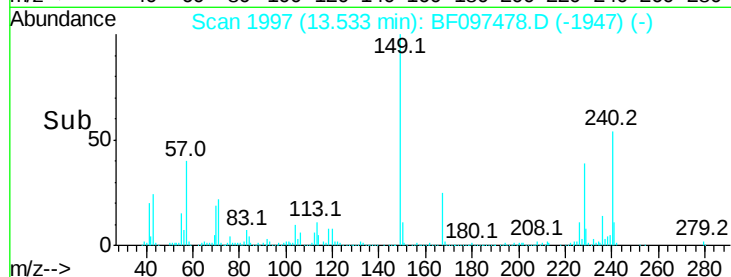
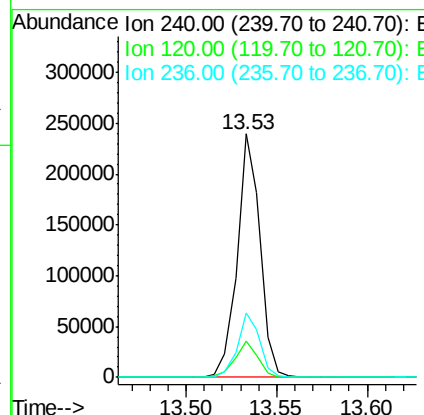
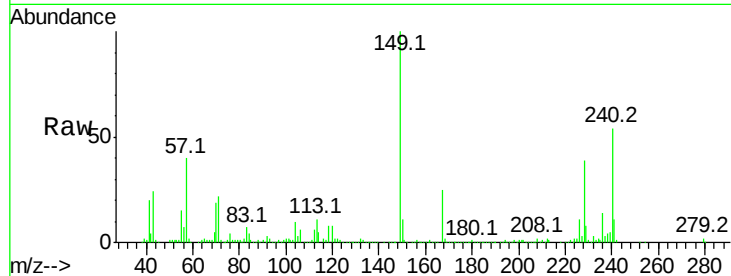
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	209584		
120	14.8	5.8	8.8#	
236	26.6	20.5	30.7	

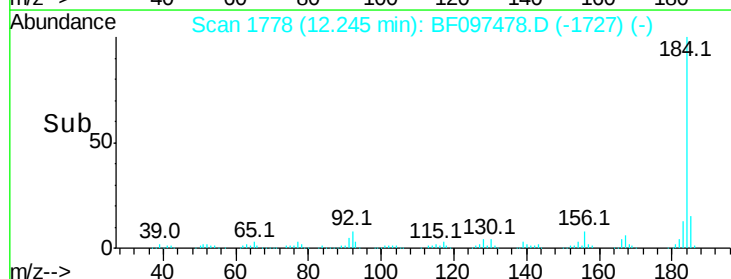
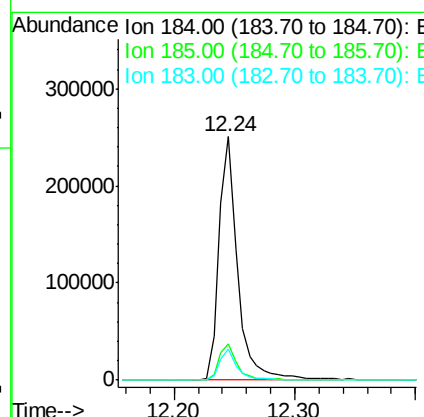
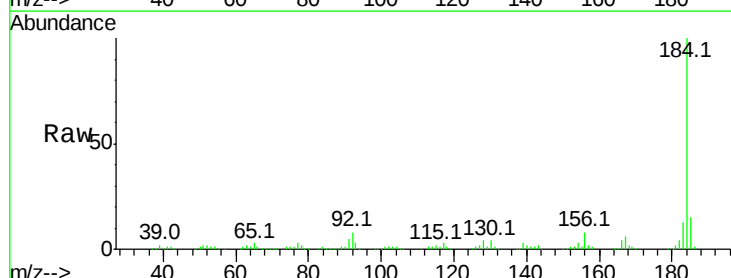
Manual Integrations
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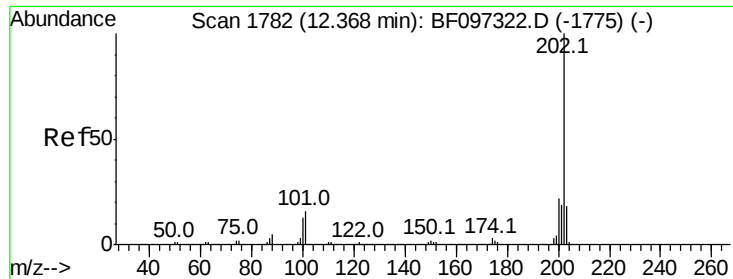
Sohil
8/9/2017 7:16:25 PM



#76
Benzidine
Concen: 34.239 ng
RT: 12.24 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	266260		
185	14.7	15.5	23.3#	
183	12.7	9.8	14.6	





#77

Pvrene

Concen: 47.481 ng

RT: 12.34 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Instrument :

BNA_F

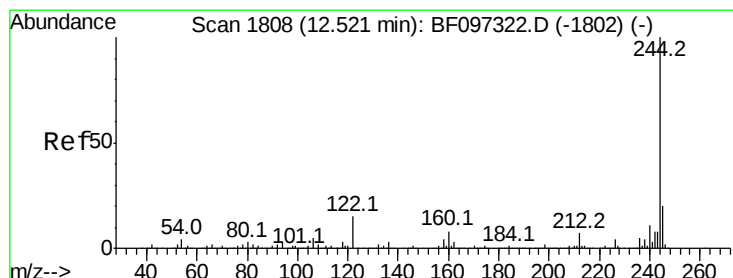
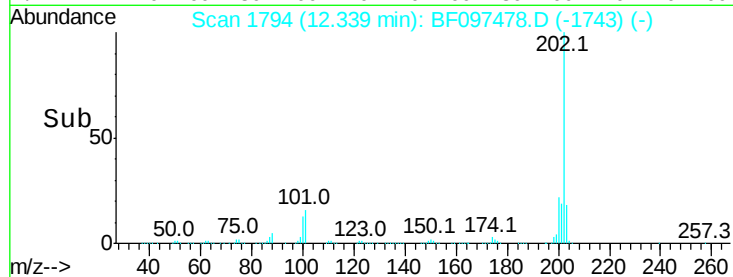
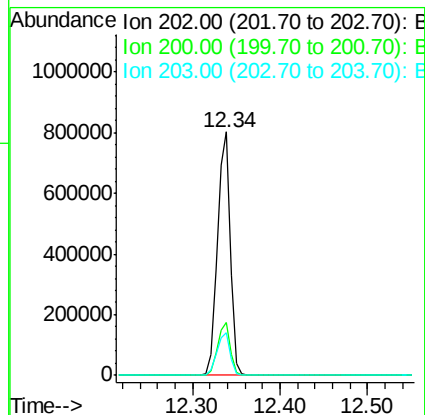
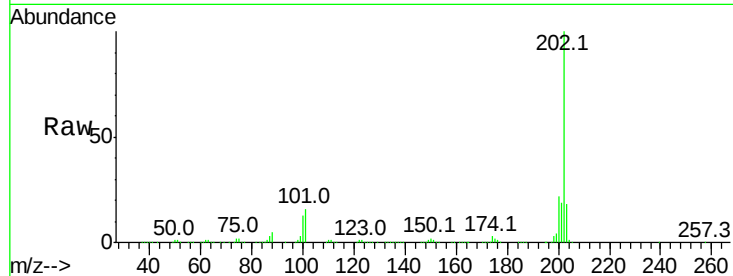
ClientSampled :

PB101311BS

Tot Ion:202	Resp:	814670
Ion Ratio	Lower	Upper
202 100		
200 21.8	17.6	26.4
203 17.6	14.4	21.6

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#78

Terphenyl-d14

Concen: 80.224 ng

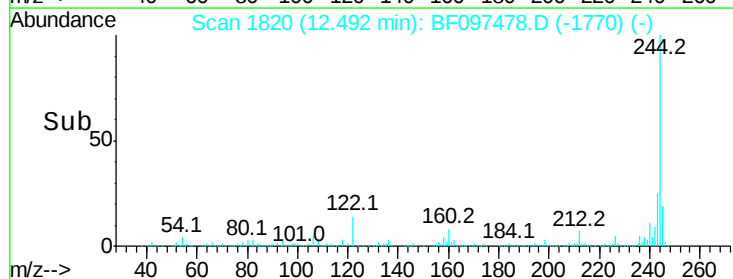
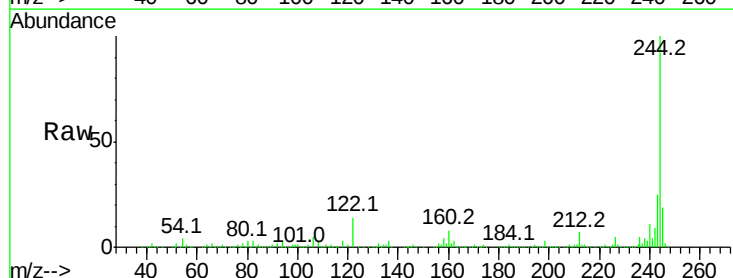
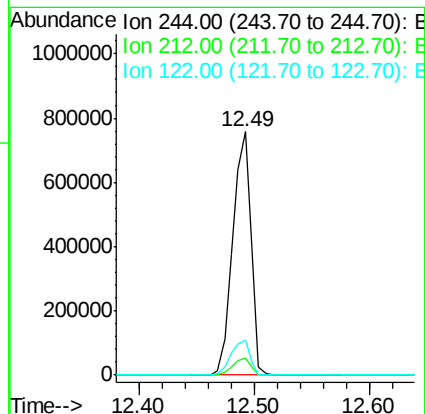
RT: 12.49 min Scan# 1820

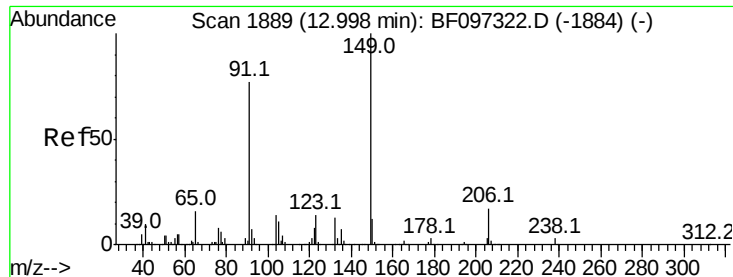
Delta R.T. -0.01 min

Lab File: BF097478.D

Acq: 8 Aug 2017 19:48

Tgt Ion:244	Resp:	824661
Ion Ratio	Lower	Upper
244 100		
212 7.0	6.0	9.0
122 14.5	10.3	15.5





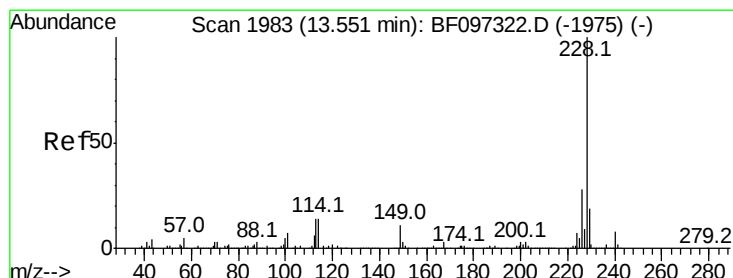
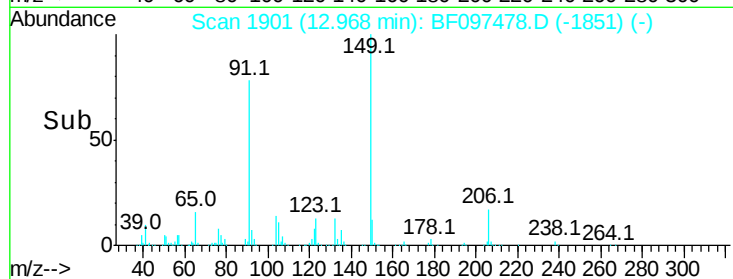
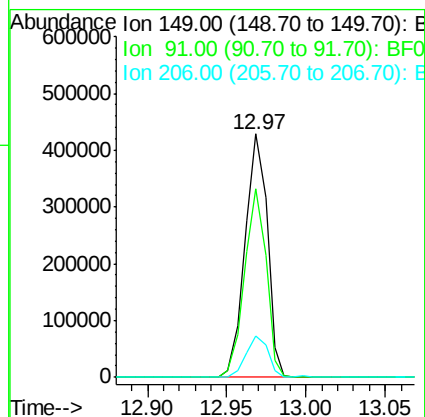
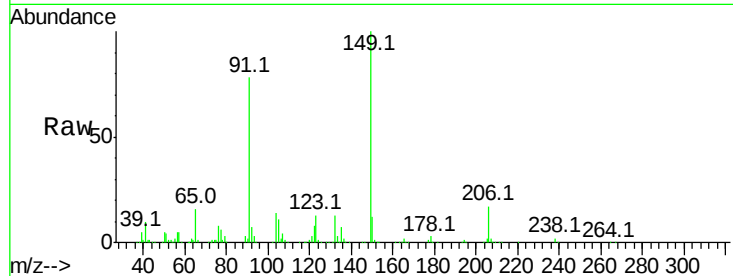
#79
Butylbenzylphthalate
Concen: 47.970 ng
RT: 12.97 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	77.6	45.0	67.4#	
206	16.8	17.0	25.6#	

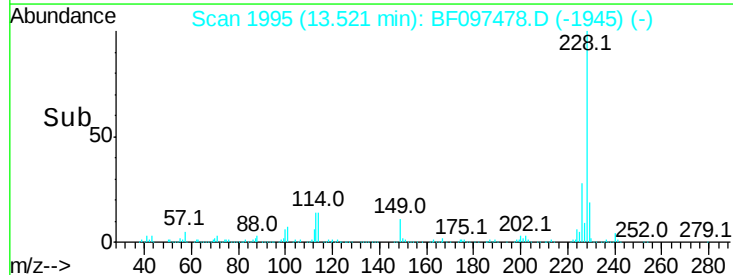
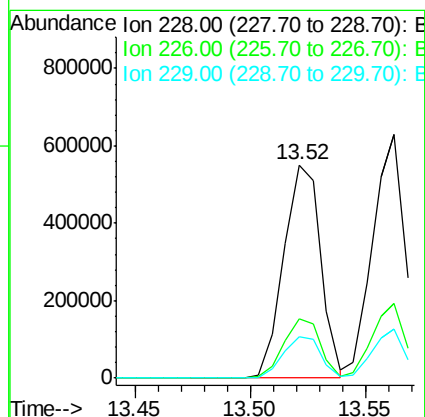
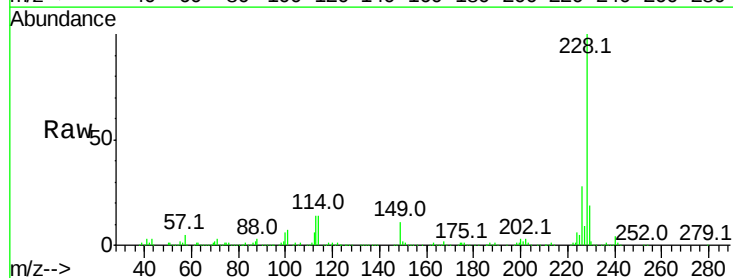
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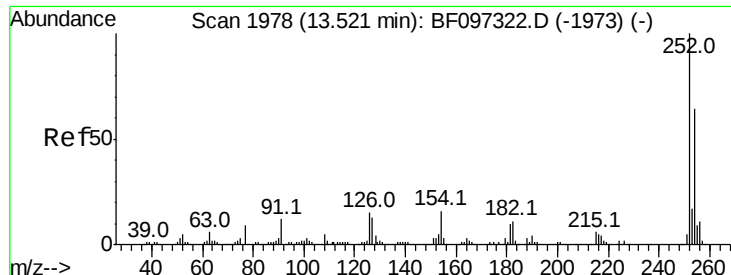
Sohil
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#80
Benzo(a)anthracene
Concen: 44.912 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.6	22.6	33.8	
229	19.5	16.3	24.5	





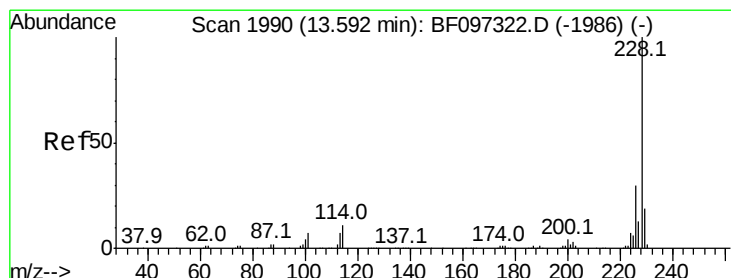
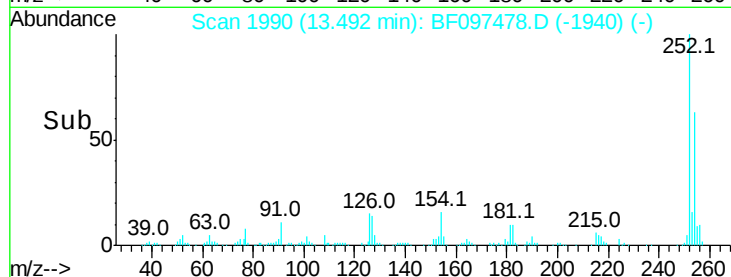
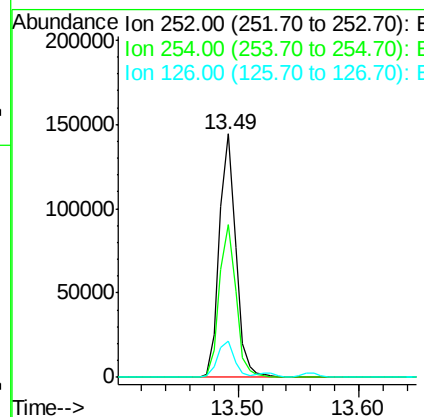
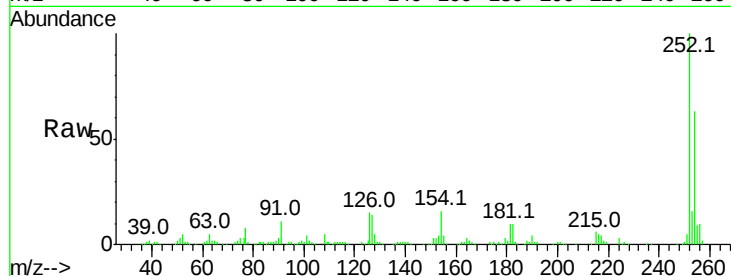
#81
 3,3'-Dichlorobenzidine
 Concen: 26.585 ng
 RT: 13.49 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101311BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.9	51.5	77.3
126	14.8	15.8	23.8

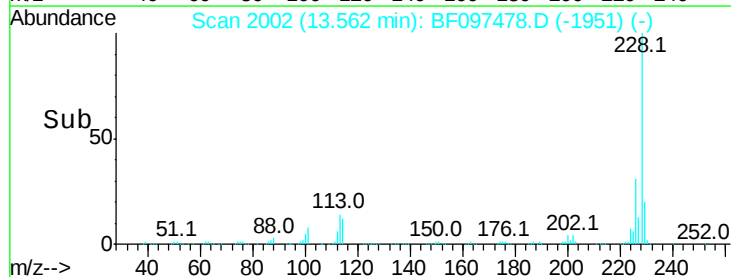
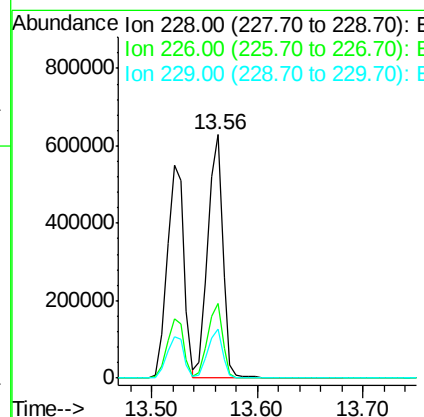
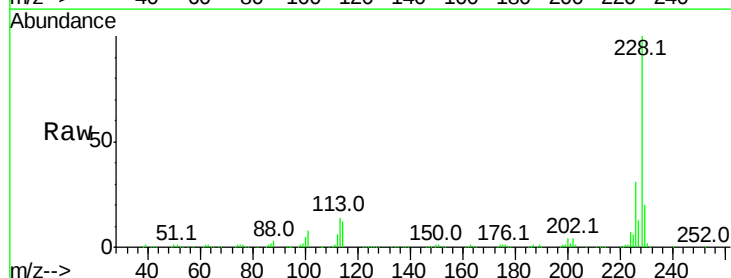
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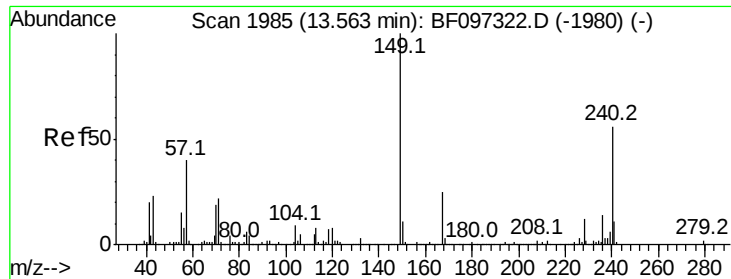
Sohil
 8/9/2017 7:16:25 PM



#82
 Chrysene
 Concen: 46.798 ng
 RT: 13.56 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.9	15.8	23.6





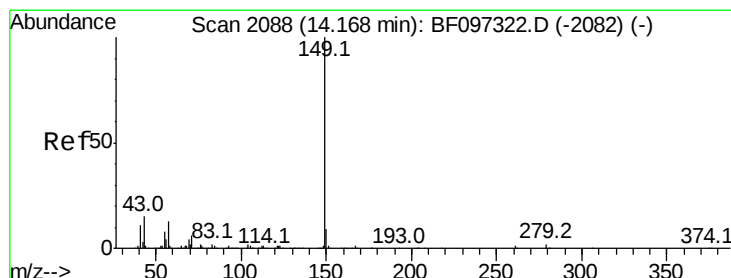
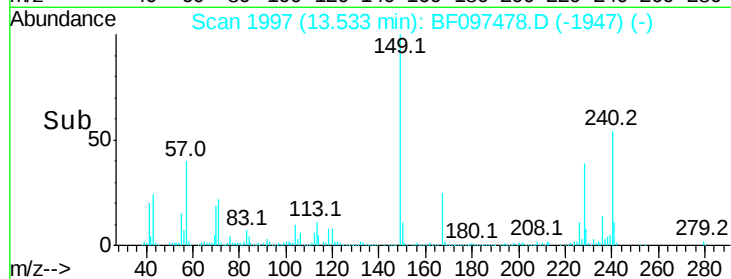
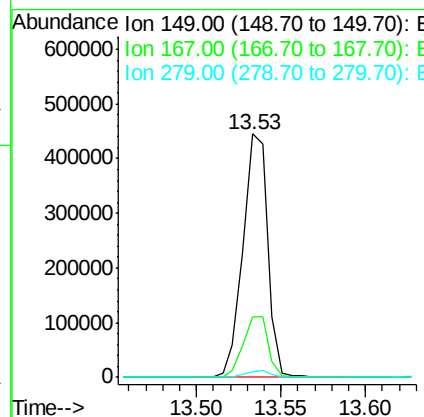
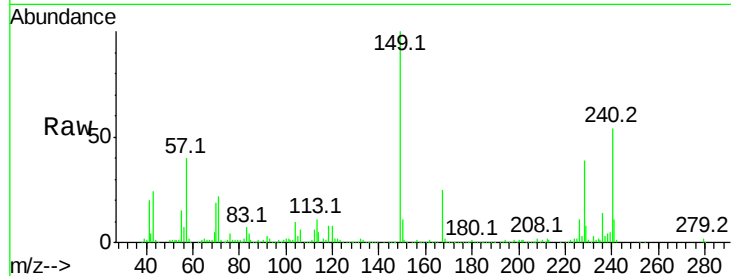
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.030 ng
 RT: 13.53 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	24.8	21.0	31.4	
279	2.4	1.9	2.9	

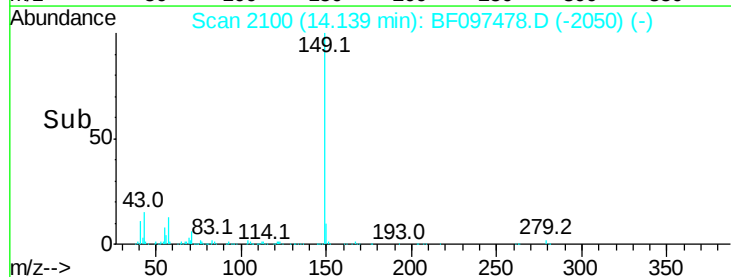
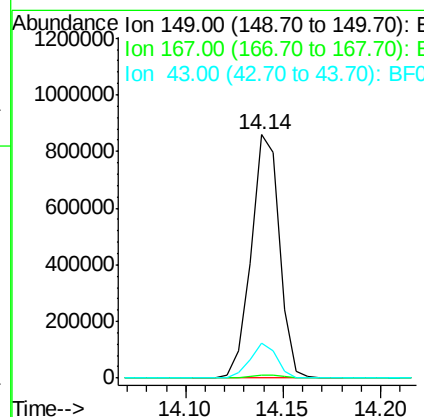
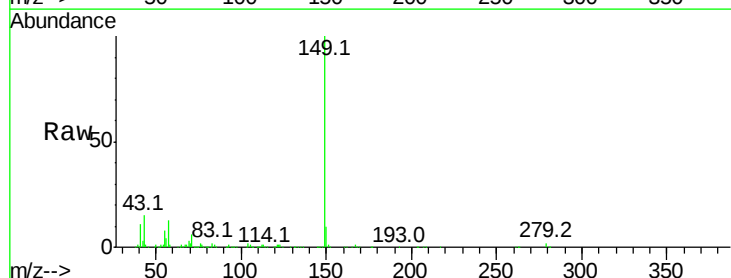
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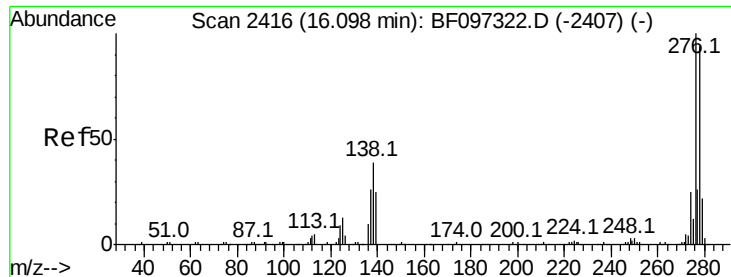
Sohil
 8/9/2017 7:16:25 PM



#84
 Di-n-octyl phthalate
 Concen: 41.143 ng
 RT: 14.14 min Scan# 2100
 Delta R.T. -0.01 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	13.8	8.5	12.7#	





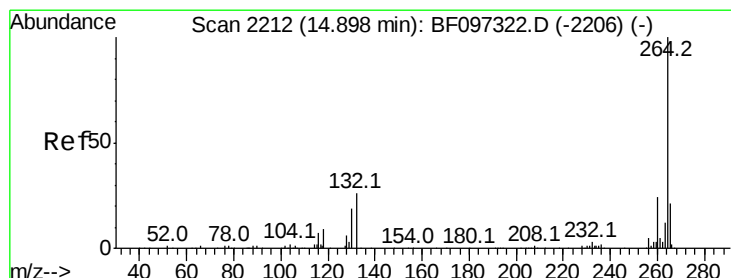
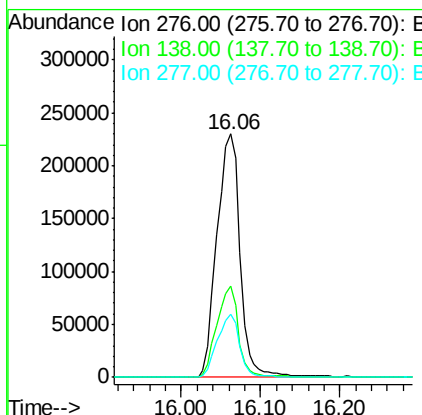
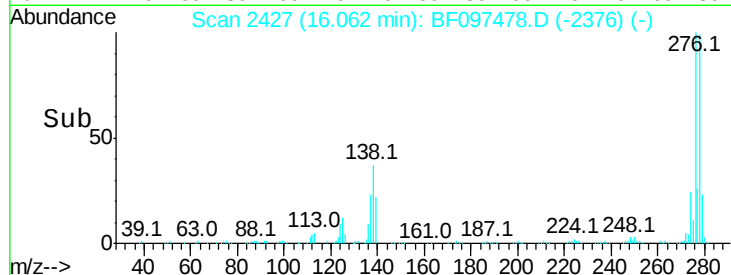
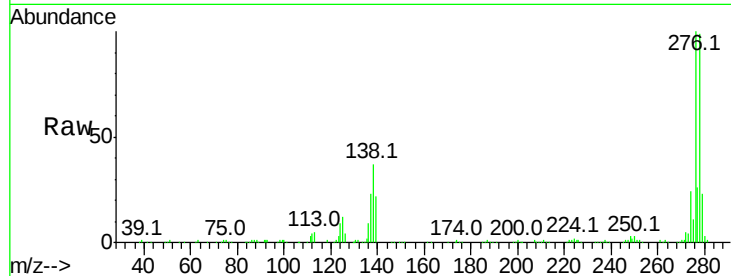
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.296 ng
 RT: 16.06 min Scan# 2427
 Delta R.T. 0.00 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101311BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	24.9	20.2	30.4

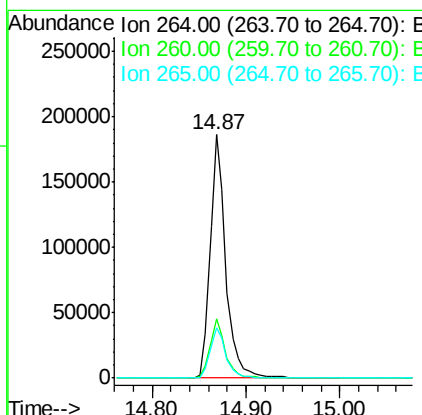
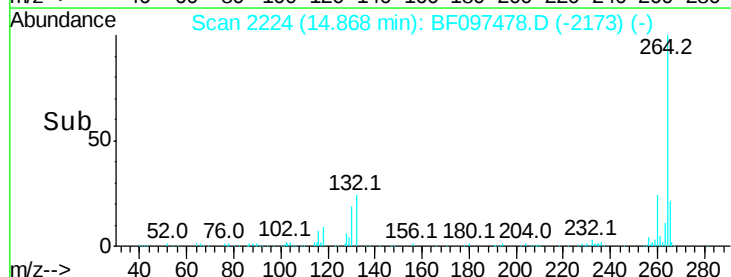
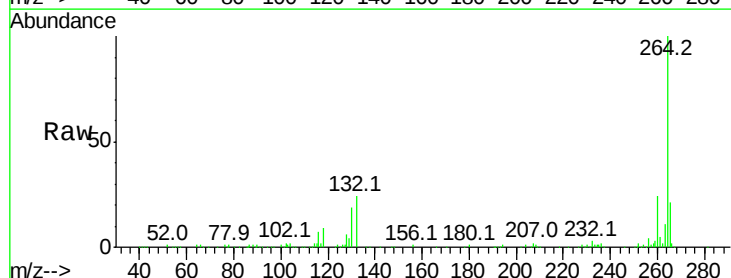
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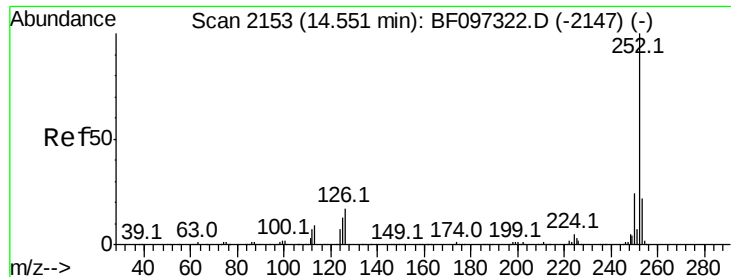
Sohil
 8/9/2017 7:16:25 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.8	17.2	25.8





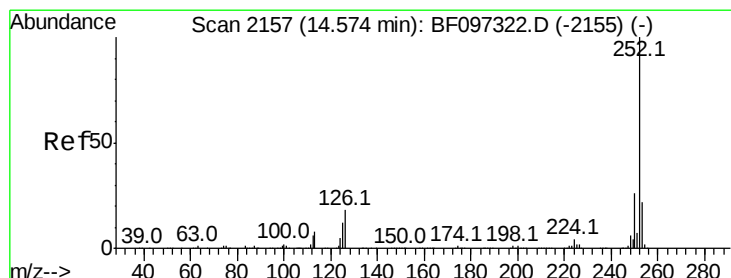
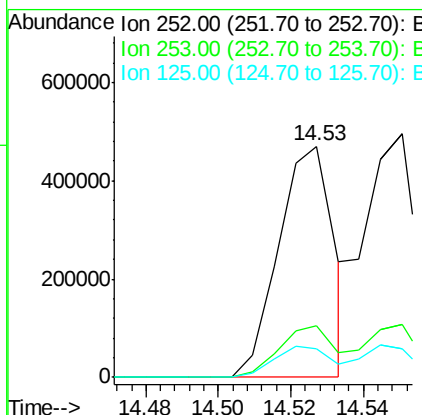
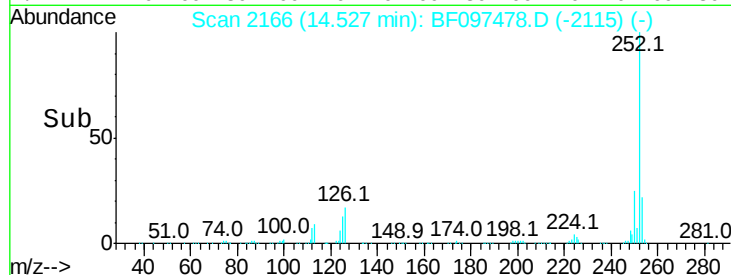
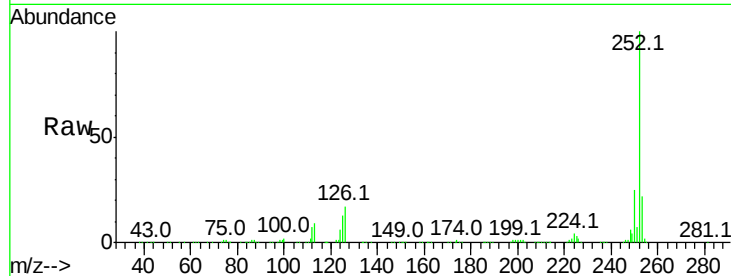
#87
Benzo(b)fluoranthene
Concen: 37.985 ng
RT: 14.53 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
PB101311BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	12.5	9.8	14.8

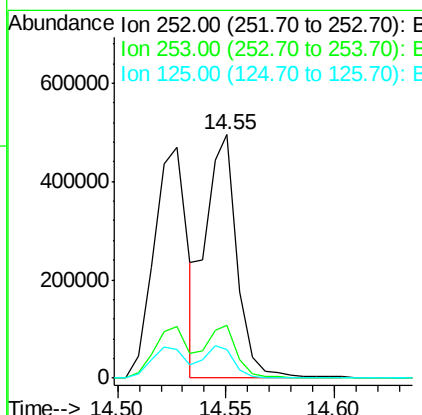
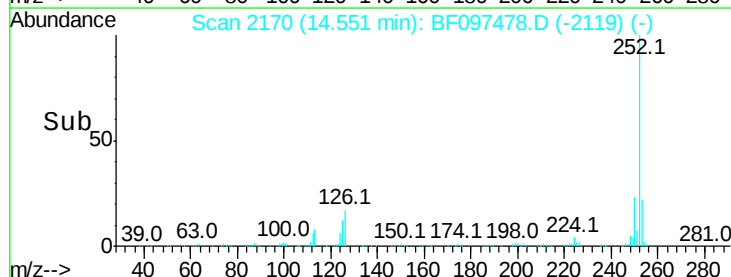
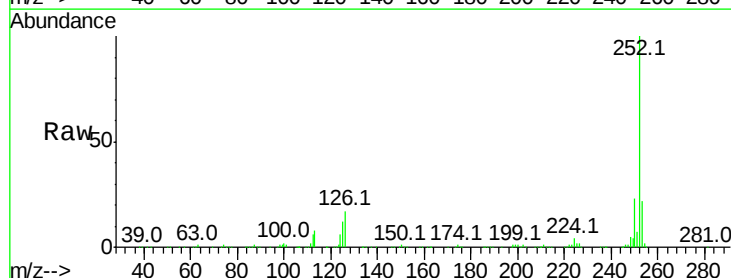
Manual Integrations
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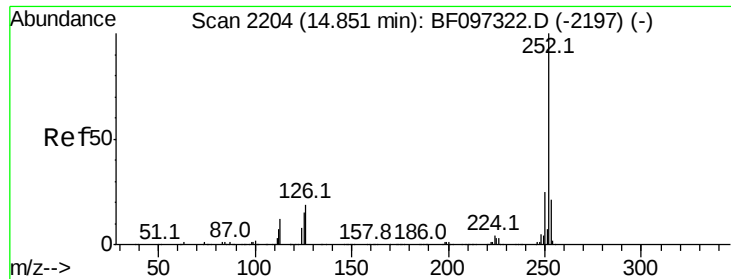
Sohil
8/9/2017 7:16:25 PM



#88
Benzo(k)fluoranthene
Concen: 40.744 ng m
RT: 14.55 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	11.8	13.1	19.7#





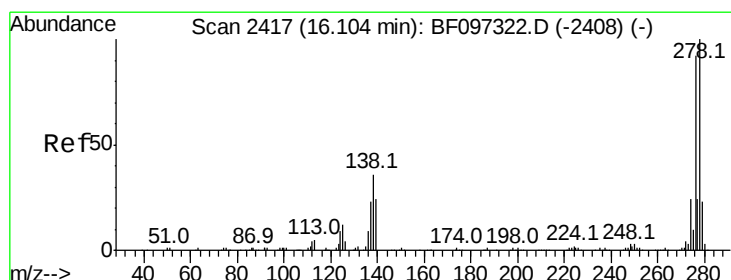
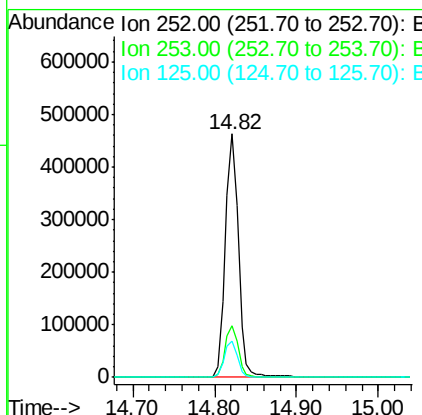
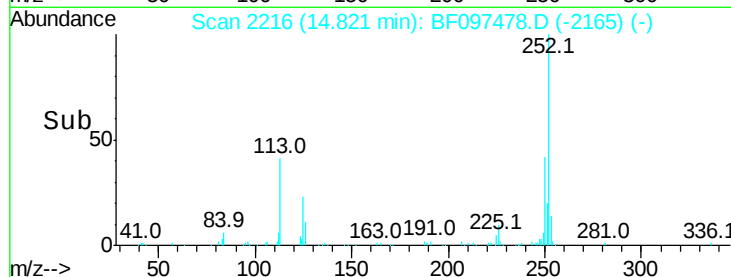
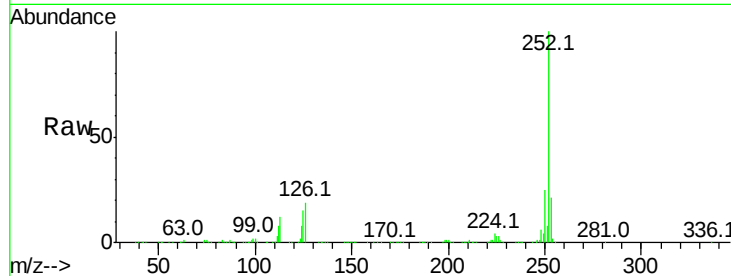
#89
Benzo(a)pyrene
Concen: 43.539 ng
RT: 14.82 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Instrument :
BNA_F
ClientSampleId :
PB101311BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.4	17.5	26.3
125	15.0	11.0	16.4

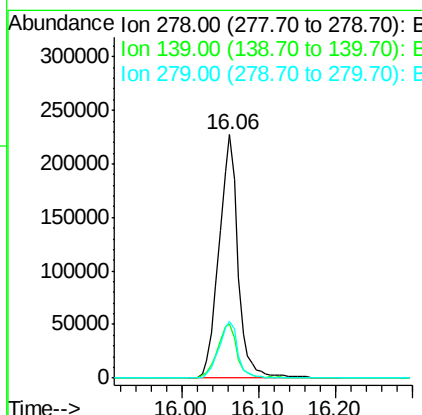
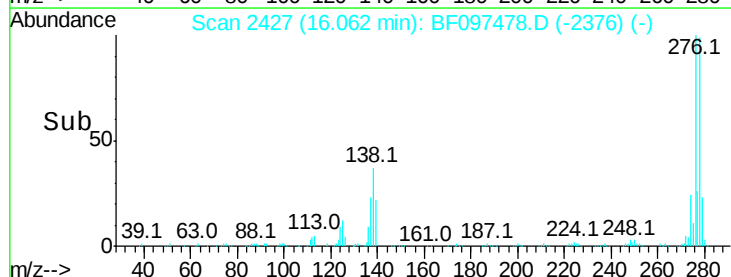
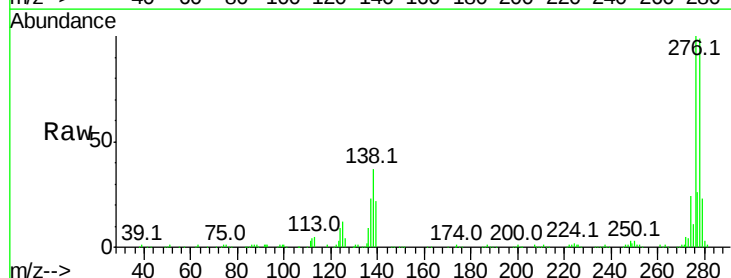
Manual Integrations
APPROVED

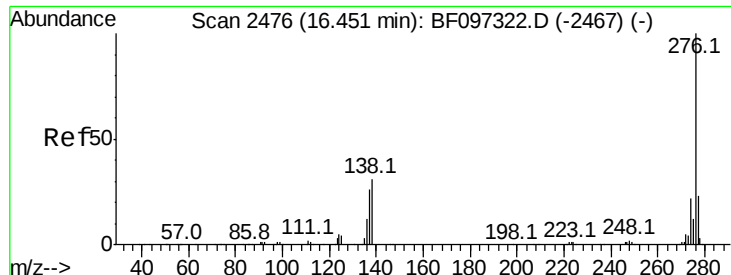
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 39.560 ng
RT: 16.06 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BF097478.D
Acq: 8 Aug 2017 19:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	22.3	16.6	24.8
279	23.4	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 42.518 ng
 RT: 16.41 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BF097478.D
 Acq: 8 Aug 2017 19:48

Instrument :
 BNA_F
 ClientSampleId :
 PB101311BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.7	18.6	28.0	
138	31.0	25.4	38.0	

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Sohil
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