

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097878.D
 Acq On : 19 Aug 2017 14:57
 Operator : SJ/JU
 Sample : I4846-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MS

Manual Integrations
 APPROVED

Sohil
 8/21/2017 5:19:54 PM

Quant Time: Aug 21 04:22:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	144746	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	594923	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	265153	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	459066	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	261092	20.00	ng	-0.03
86) Perylene-d12	15.33	264	276142	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1207246	126.86	ng	0.00
7) Phenol-d6	6.40	99	1685261	130.34	ng	0.00
23) Nitrobenzene-d5	7.33	82	1080478	98.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	314839	136.85	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1531336	84.85	ng	-0.02
78) Terphenyl-d14	12.86	244	1031053	82.35	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	116010	21.860	ng	88
3) Pyridine	3.20	79	356178	24.277	ng	88
4) n-Nitrosodimethylamine	3.14	42	154126	27.302	ng	86
6) Aniline	6.43	93	444559	24.475	ng	98
8) 2-Chlorophenol	6.55	128	309969	30.887	ng	96
9) Benzaldehyde	6.31	77	121235	14.803	ng	86
10) Phenol	6.42	94	452914	29.951	ng	93
11) bis(2-Chloroethyl)ether	6.50	93	364727	31.956	ng	97
12) 1,3-Dichlorobenzene	6.70	146	304155	28.176	ng	# 92
13) 1,4-Dichlorobenzene	6.78	146	304366	27.723	ng	# 93
14) 1,2-Dichlorobenzene	6.93	146	287578	28.408	ng	99
15) Benzyl Alcohol	6.91	79	327318	33.813	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	478250	31.144	ng	91
17) 2-Methylphenol	7.02	107	294222	33.268	ng	96
18) Hexachloroethane	7.27	117	127556	29.634	ng	# 80
19) n-Nitroso-di-n-propylamine	7.19	70	271744	30.702	ng	89
20) 3+4-Methylphenols	7.17	107	345684	32.002	ng	93
22) Acetophenone	7.17	105	464630	29.563	ng	# 93
24) Nitrobenzene	7.35	77	410775	33.688	ng	95
25) Isophorone	7.59	82	769853	33.808	ng	96
26) 2-Nitrophenol	7.66	139	161307	37.772	ng	# 77
27) 2,4-Dimethylphenol	7.70	122	301461	31.743	ng	93
28) bis(2-Chloroethoxy)methane	7.80	93	478187	31.941	ng	99
29) 2,4-Dichlorophenol	7.90	162	260072	32.990	ng	93
30) 1,2,4-Trichlorobenzene	7.99	180	257877	29.508	ng	98
31) Naphthalene	8.07	128	920250	29.796	ng	100
32) Benzoic acid	7.82	122	192332	30.491	ng	# 88
33) 4-Chloroaniline	8.12	127	329628	25.306	ng	98
34) Hexachlorobutadiene	8.19	225	151248	29.641	ng	98
35) Caprolactam	8.49	113	89837	33.520	ng	98
36) 4-Chloro-3-methylphenol	8.60	107	321275	31.719	ng	# 77
37) 2-Methylnaphthalene	8.76	142	612401	32.341	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	247128	30.369	ng	# 98
40) Hexachlorocyclopentadiene	8.91	237	218552	55.905	ng	100

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 PI-2(3)MS

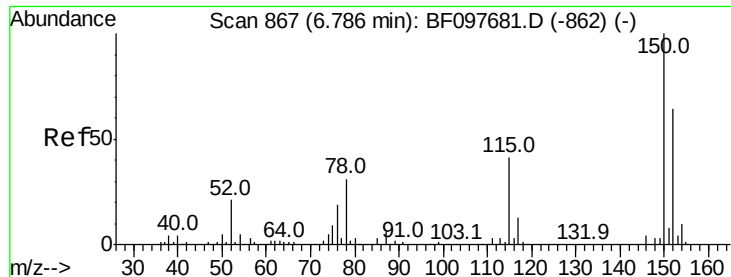
Manual Integrations
 APPROVED

Sohil
 8/21/2017 5:19:54 PM

Quant Time: Aug 21 04:22:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	176570	32.319	nq	97
43) 2,4,5-Trichlorophenol	9.07	196	187404	34.577	nq	95
45) 1,1'-Biphenyl	9.22	154	735050	30.400	nq	96
46) 2-Chloronaphthalene	9.25	162	533173	29.843	nq #	91
47) 2-Nitroaniline	9.34	65	212721	35.517	nq	93
48) Acenaphthylene	9.66	152	859686	30.642	nq	100
49) Dimethylphthalate	9.53	163	814635	42.031	nq	100
50) 2,6-Dinitrotoluene	9.59	165	137506	35.542	nq #	61
51) Acenaphthene	9.83	154	533955	30.177	nq	97
52) 3-Nitroaniline	9.75	138	133104	26.666	nq	84
53) 2,4-Dinitrophenol	9.86	184	95000	55.219	nq #	79
54) Dibenzofuran	10.00	168	774252	32.649	nq	100
55) 4-Nitrophenol	9.92	139	214641	53.906	nq #	36
56) 2,4-Dinitrotoluene	9.99	165	175847	36.218	nq #	53
57) Fluorene	10.35	166	558570	30.465	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.12	232	147405	35.127	nq	95
59) Diethylphthalate	10.23	149	696033	34.341	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	269148	31.599	nq	89
61) 4-Nitroaniline	10.36	138	137392	28.961	nq #	68
62) Azobenzene	10.50	77	809169	33.609	nq	93
64) 4,6-Dinitro-2-methylphenol	10.39	198	65729	33.438	nq	85
65) n-Nitrosodiphenylamine	10.46	169	521326	33.349	nq	100
66) 4-Bromophenyl-phenylether	10.83	248	167113	35.055	nq	97
67) Hexachlorobenzene	10.89	284	152137	31.311	nq #	88
68) Atrazine	10.99	200	153358	36.992	nq	98
69) Pentachlorophenol	11.09	266	157732	55.676	nq	99
70) Phenanthrene	11.30	178	901424	36.849	nq	99
71) Anthracene	11.36	178	797211	32.131	nq	99
72) Carbazole	11.51	167	688453	29.232	nq	99
73) Di-n-butylphthalate	11.84	149	1020669	37.625	nq	99
74) Fluoranthene	12.49	202	908101	35.566	nq	98
76) Benzidine	12.61	184	142103m	16.600	nq	
77) Pyrene	12.72	202	858820	40.218	nq	99
79) Butylbenzylphthalate	13.34	149	337099	41.173	nq #	69
80) Benzo(a)anthracene	13.90	228	539632	34.485	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	161261	30.540	nq #	97
82) Chrysene	13.94	228	557228	35.797	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	431001	47.507	nq #	100
84) Di-n-octyl phthalate	14.51	149	753913	47.759	nq	99
85) Indeno(1,2,3-cd)pyrene	16.72	276	592188	51.714	nq	93
87) Benzo(b)fluoranthene	14.93	252	591579	33.987	nq	99
88) Benzo(k)fluoranthene	14.96	252	525515m	32.136	nq	
89) Benzo(a)pyrene	15.27	252	565508	36.699	nq	99
90) Dibenzo(a,h)anthracene	16.74	278	451013	35.952	nq	97
91) Benzo(g,h,i)perylene	17.14	276	492794	37.648	nq	94

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



#1

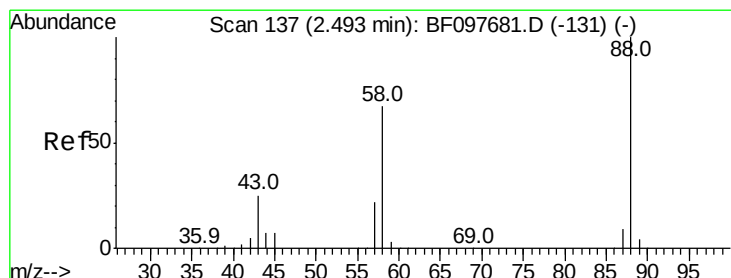
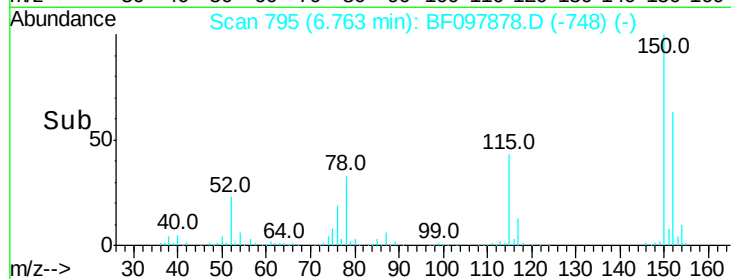
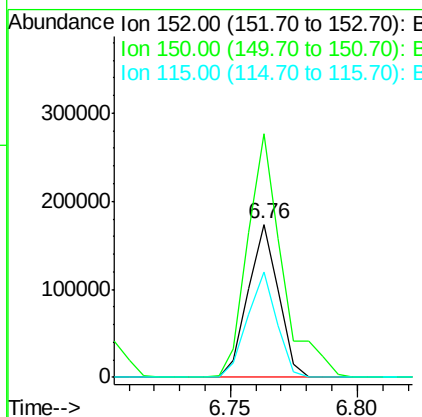
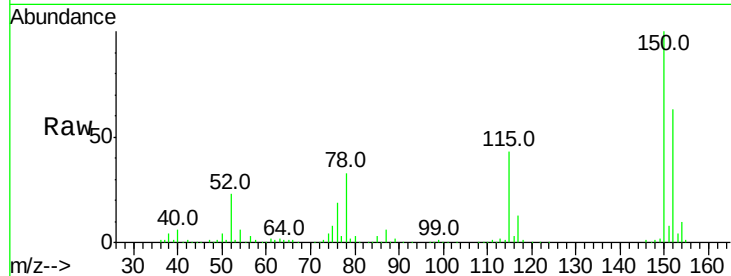
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	68.8	52.2	78.2

Manual Integrations
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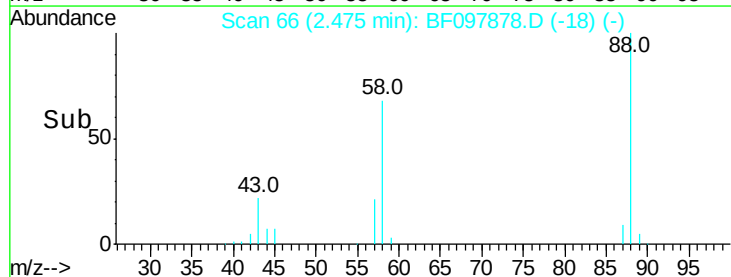
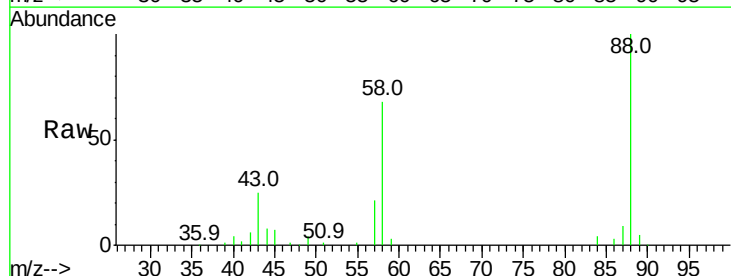
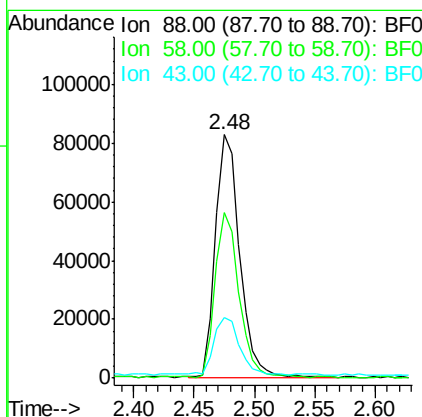
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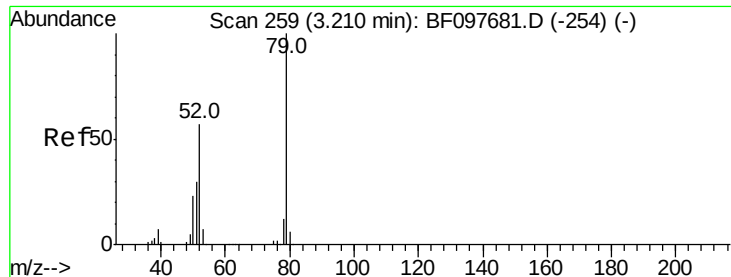


#2

1,4-Dioxane
 Concen: 21.860 ng
 RT: 2.48 min Scan# 66
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.3	61.4	92.0
43	25.2	23.4	35.0





#3

Pvrindine

Concen: 24.277 ng

RT: 3.20 min Scan# 189

Delta R.T. -0.01 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Instrument :

BNA_F

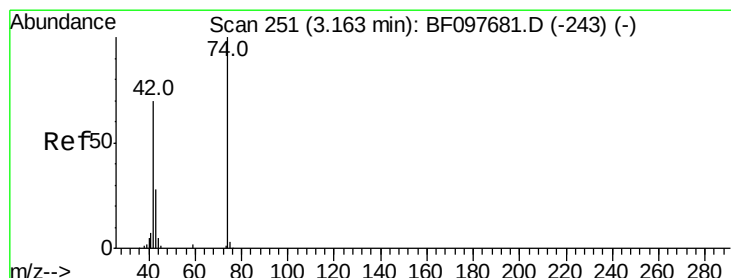
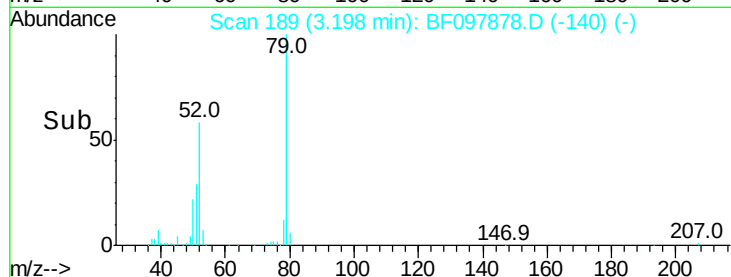
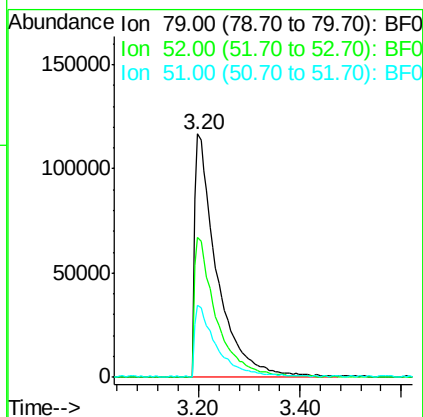
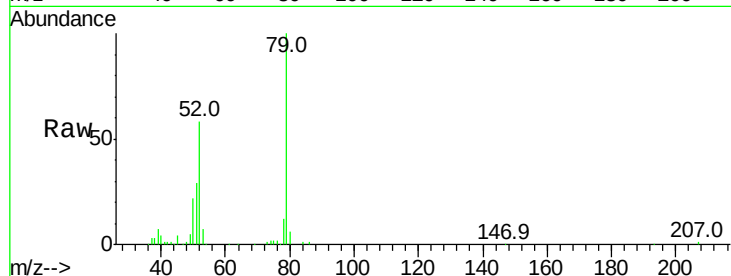
ClientSampleId :

PI-2(3)MS

Tot Ion:	79	Resp:	356178
Ion Ratio	Lower	Upper	
79	100		
52	57.5	54.8	82.2
51	29.4	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 27.302 ng

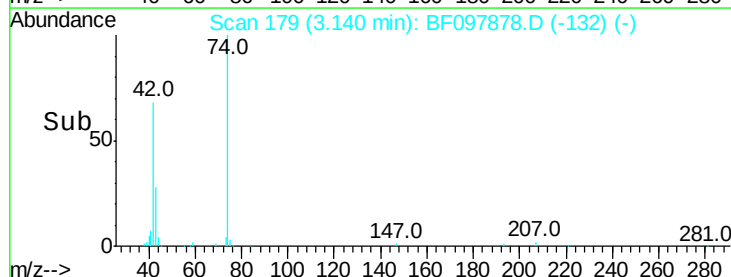
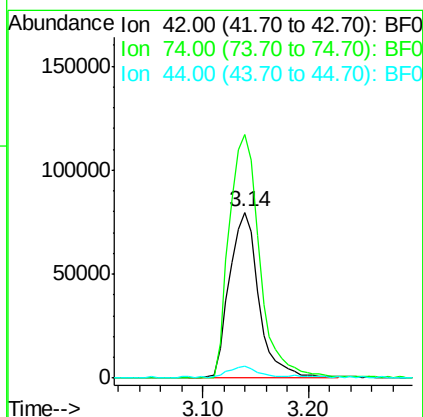
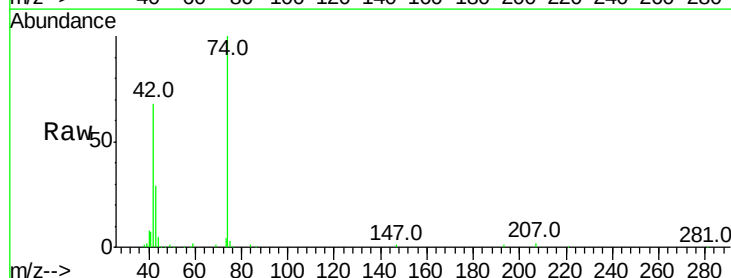
RT: 3.14 min Scan# 179

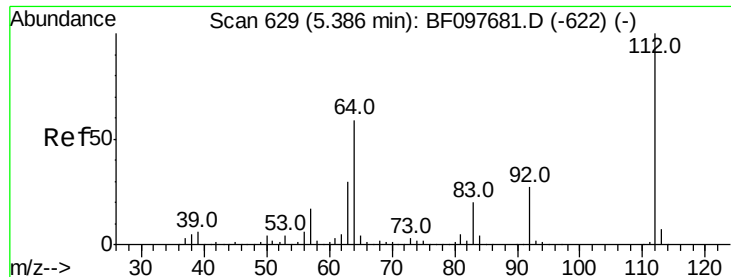
Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Tgt Ion:	42	Resp:	154126
Ion Ratio	Lower	Upper	
42	100		
74	147.1	103.9	155.9
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 126.864 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Instrument :

BNA_F

ClientSampled :

PI-2(3)MS

Tot Ion:112 Resp: 1207246

Ion Ratio Lower Upper

112 100

64 58.0 46.0 69.0

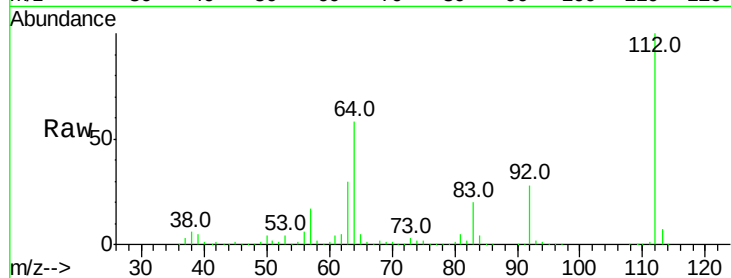
63 30.3 23.4 35.0

Manual Integrations

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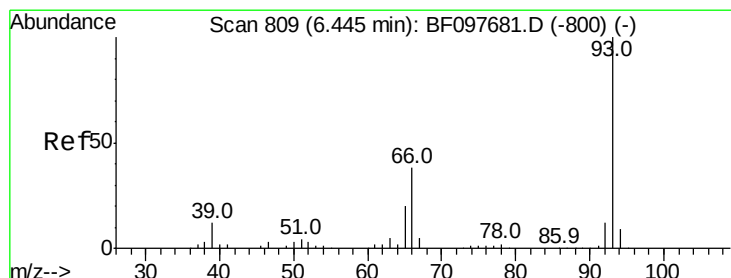
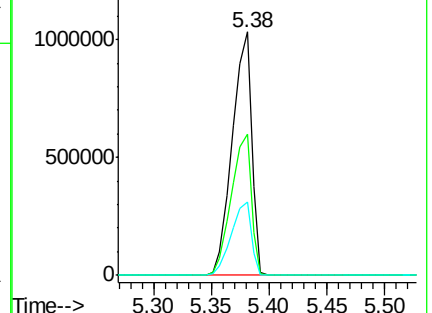
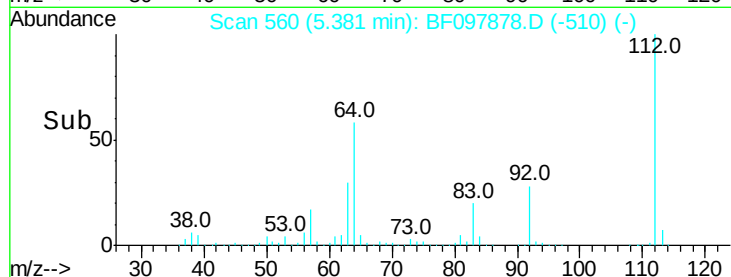
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.475 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

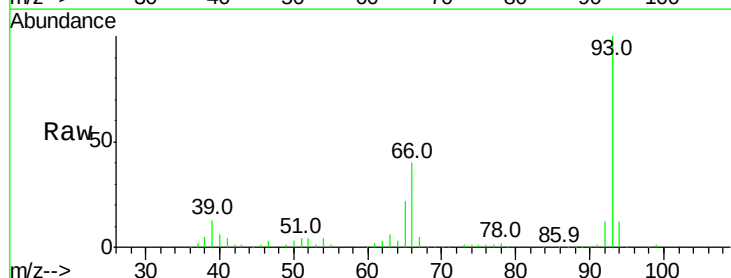
Tgt Ion: 93 Resp: 444559

Ion Ratio Lower Upper

93 100

66 40.4 32.9 49.3

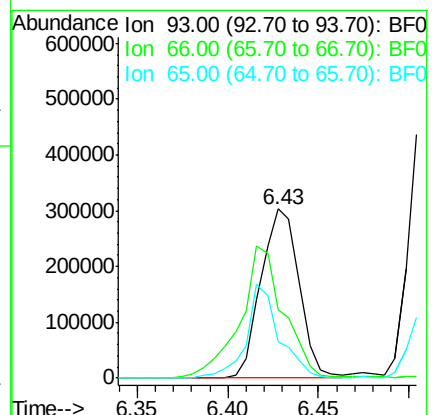
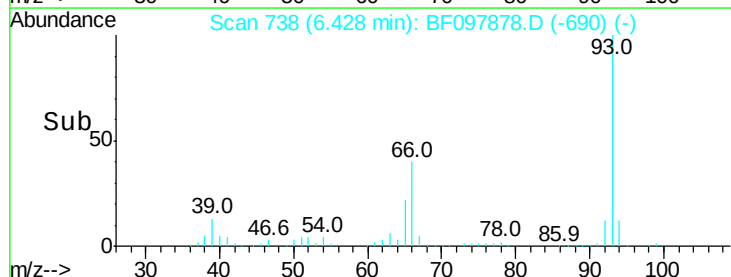
65 21.7 16.0 24.0

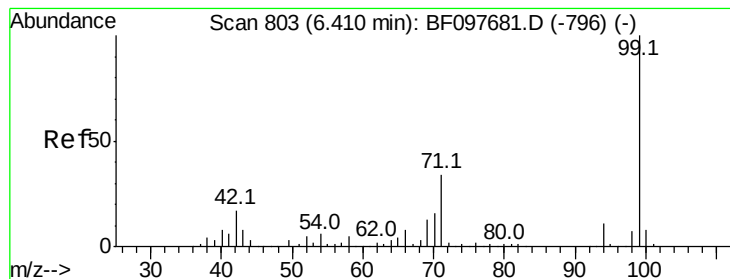


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.342 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PI-2(3)MS

Tot Ion: 99 Resp: 1685261

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

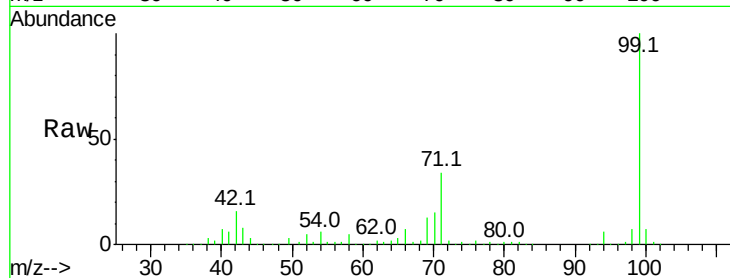
71 33.7 24.5 36.7

Manual Integrations

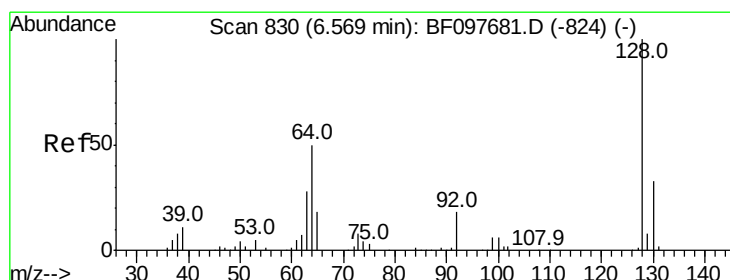
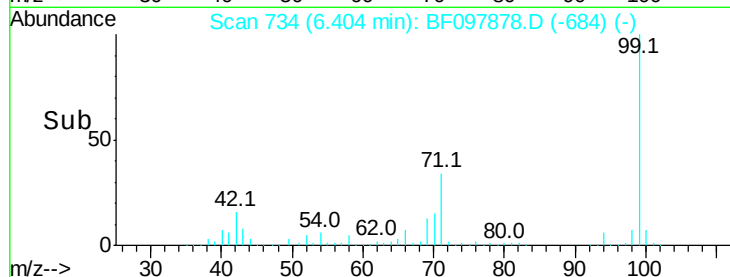
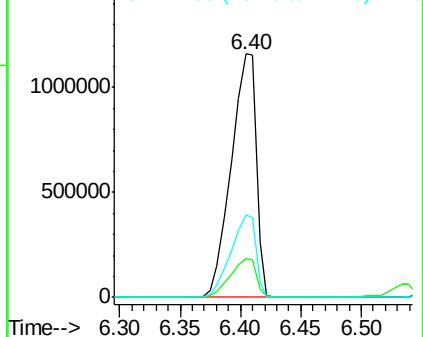
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 30.887 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

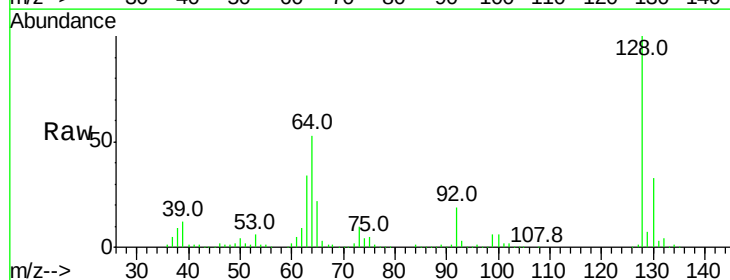
Tgt Ion:128 Resp: 309969

Ion Ratio Lower Upper

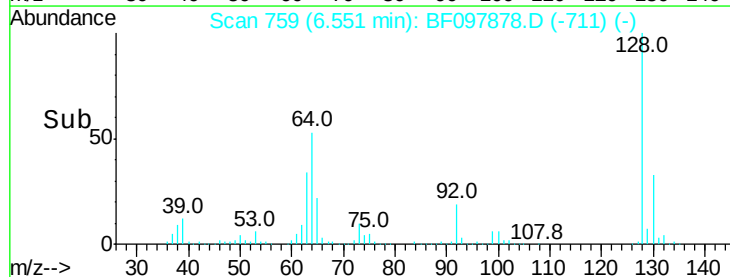
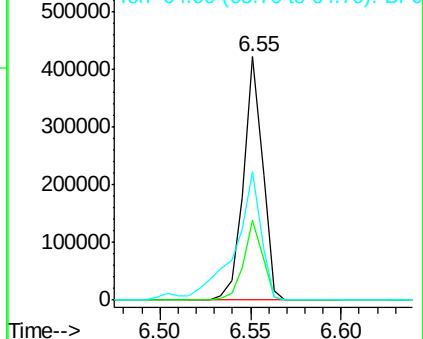
128 100

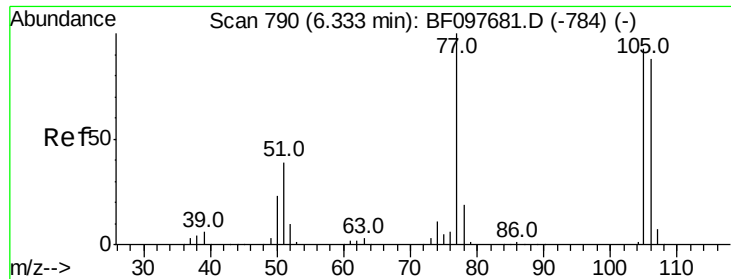
130 32.6 12.9 52.9

64 53.0 28.4 68.4



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





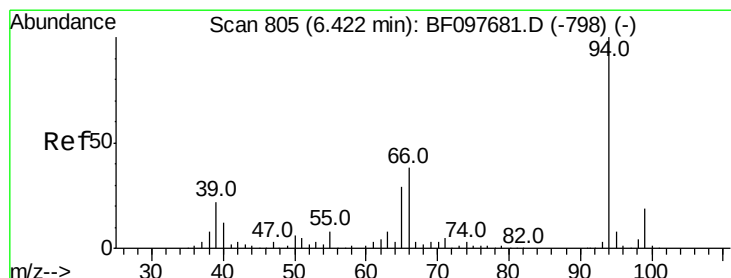
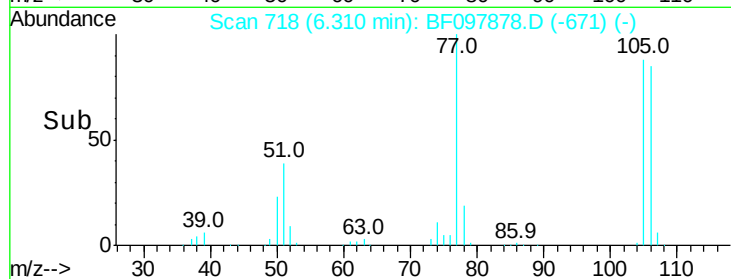
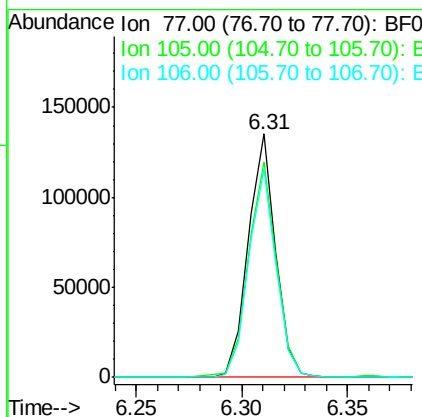
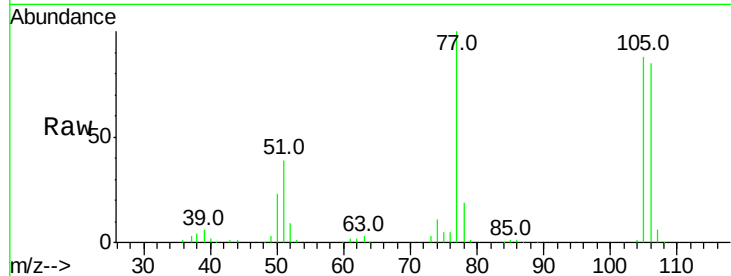
#9
Benzaldehyde
Concen: 14.803 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	88.4	83.8	123.8
106	85.4	79.1	119.1

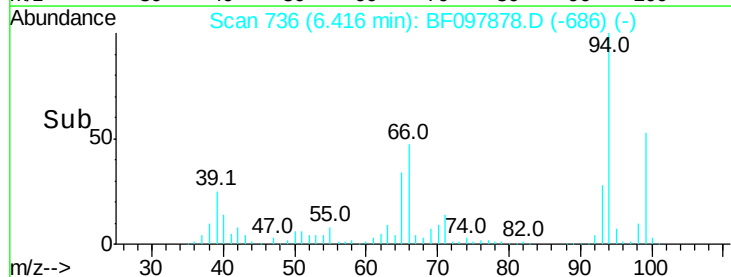
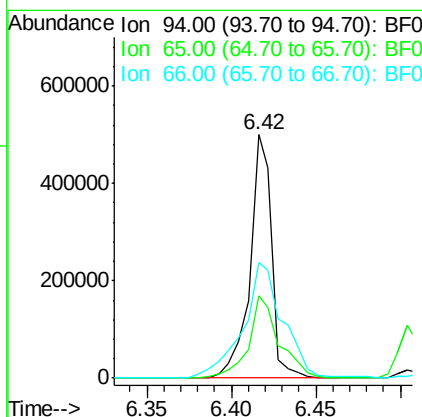
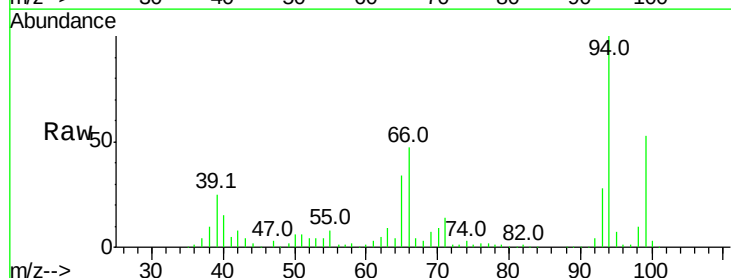
Manual Integrations
APPROVED

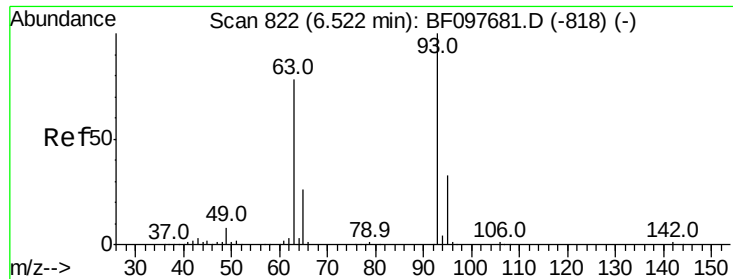
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#10
Phenol
Concen: 29.951 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.7	9.9	49.9
66	47.5	23.1	63.1





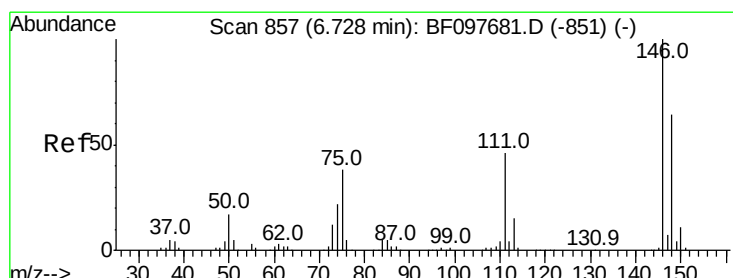
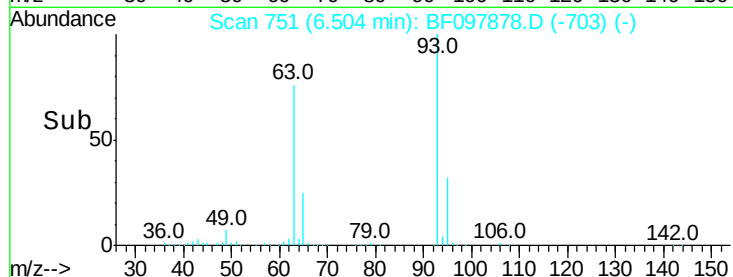
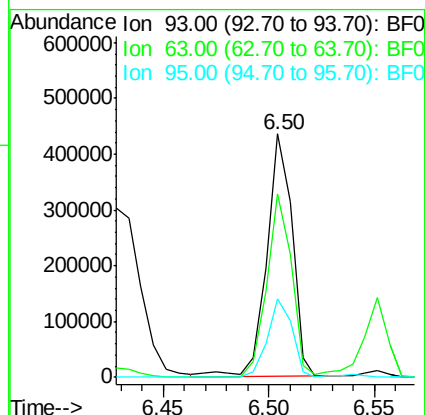
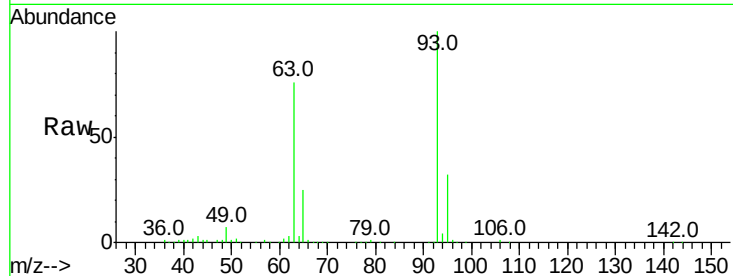
#11
bis(2-Chloroethyl)ether
Concen: 31.956 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Instrument :
BNA_F
ClientSampled :
PI-2(3)MS

Tot Ion:	93	Resp:	364727
Ion Ratio	Lower	Upper	
93	100		
63	75.6	59.2	99.2
95	32.2	12.8	52.8

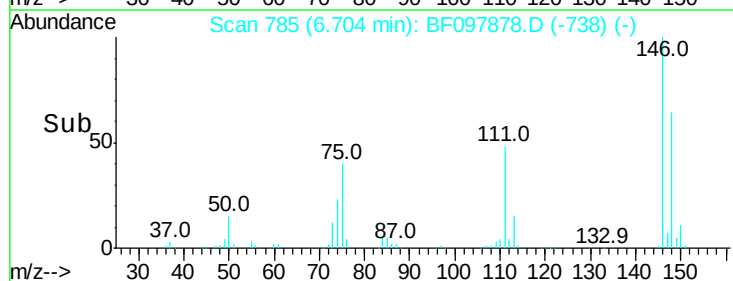
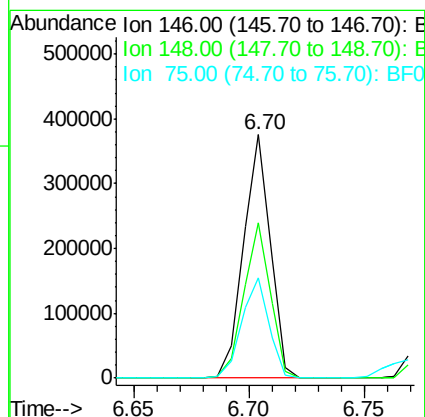
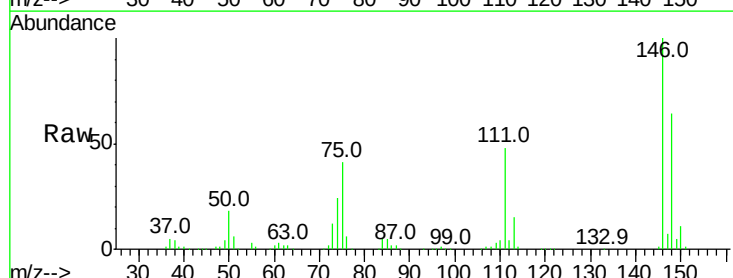
Manual Integrations
APPROVED

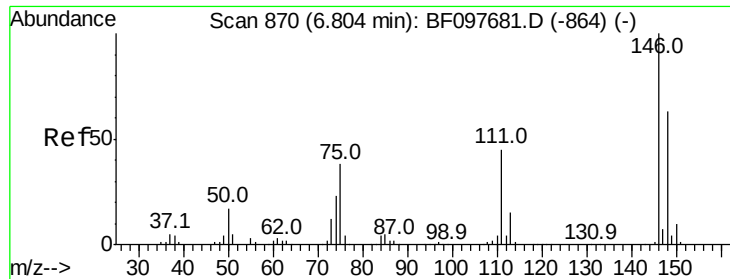
Sohil
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#12
1,3-Dichlorobenzene
Concen: 28.176 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tgt Ion:	146	Resp:	304155
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.6
75	40.9	23.1	34.7#





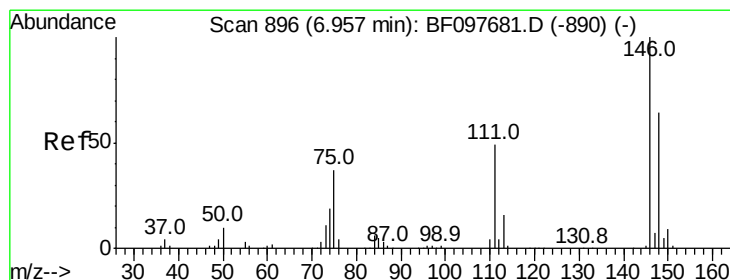
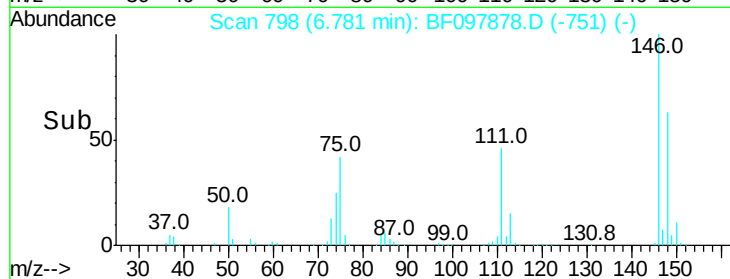
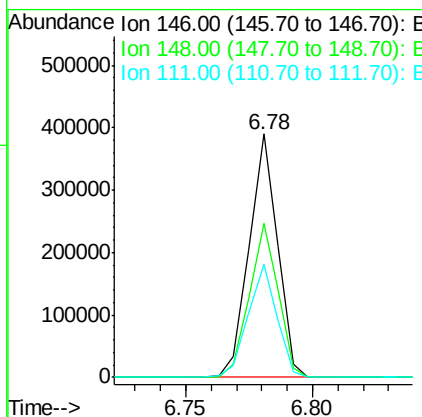
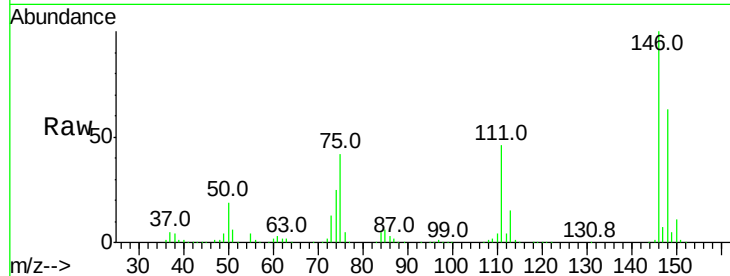
#13
 1,4-Dichlorobenzene
 Concen: 27.723 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampled :
 PI-2(3)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.2	78.2
111	46.3	30.3	45.5

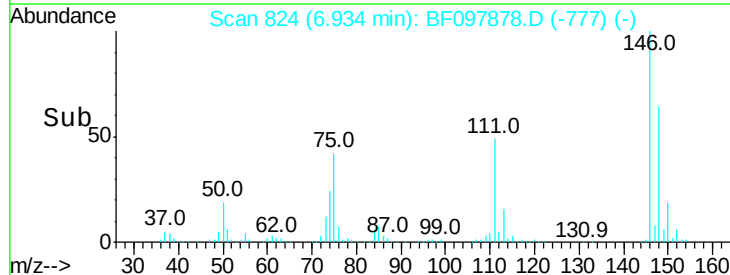
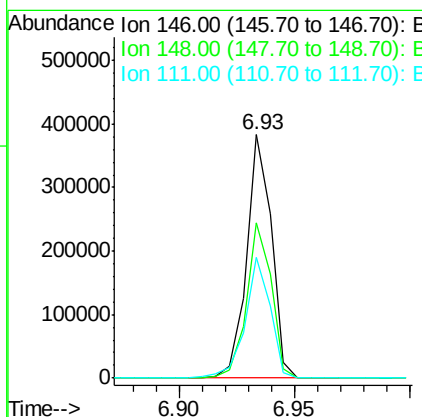
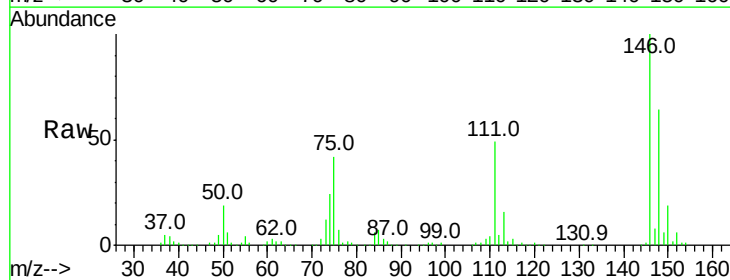
Manual Integrations
 APPROVED

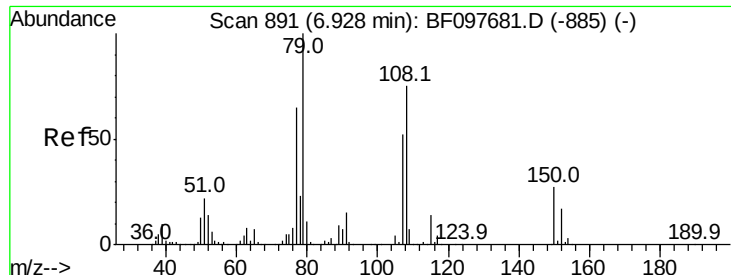
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 28.408 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	49.3	38.2	57.4





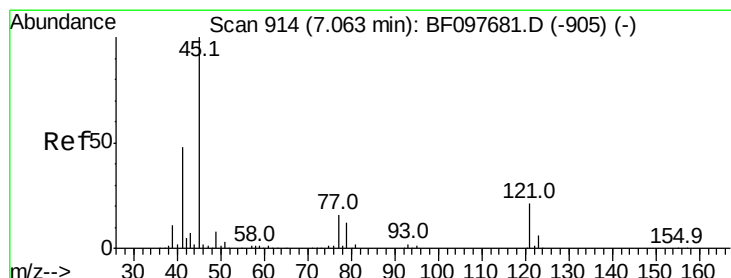
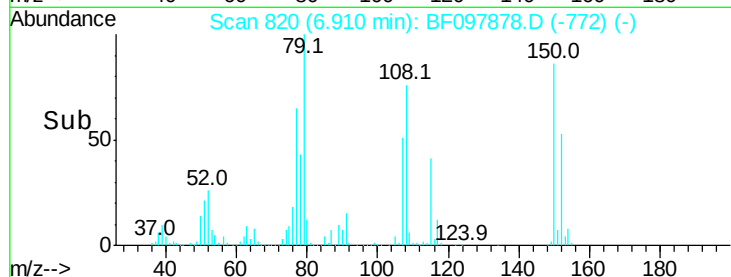
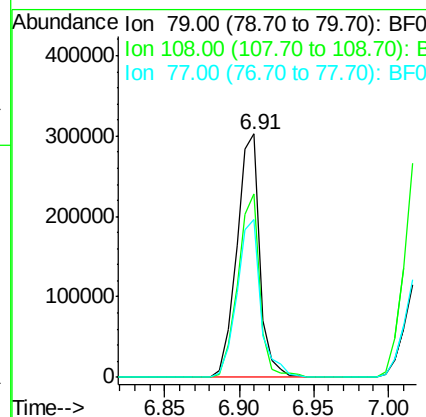
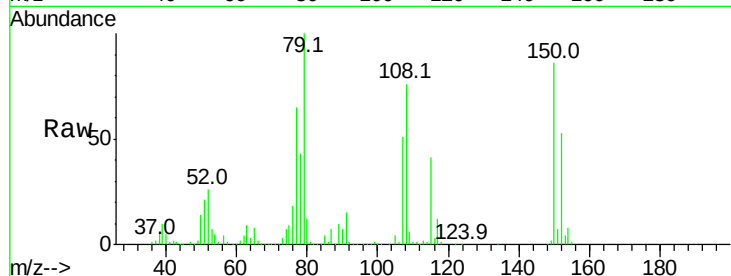
#15
Benzyl Alcohol
Concen: 33.813 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	75.6	63.4	95.0	
77	64.6	49.2	73.8	

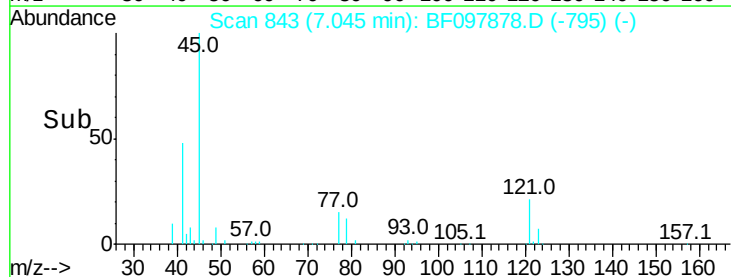
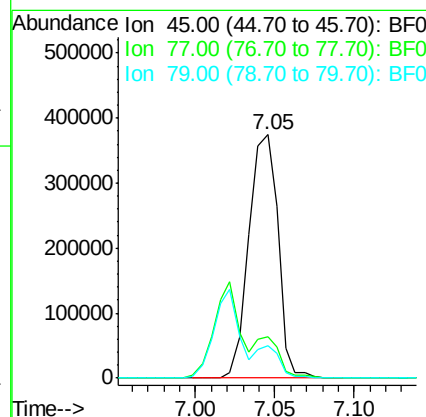
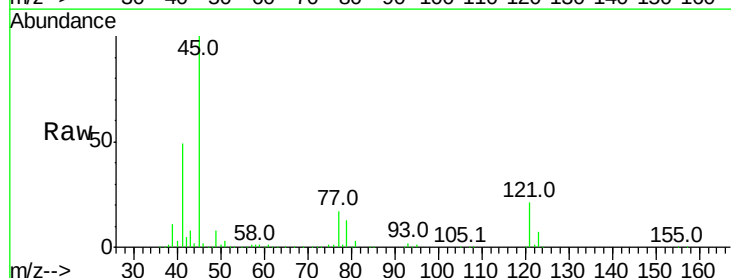
Manual Integrations
APPROVED

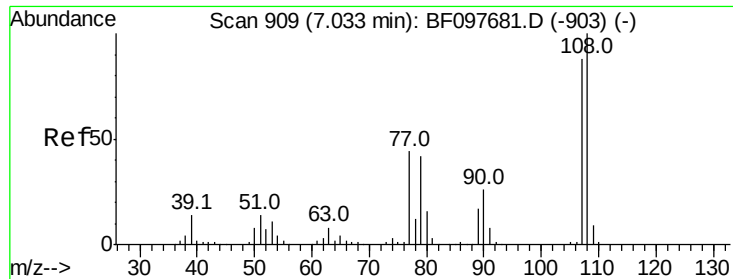
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.144 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	17.1	0.0	33.2	
79	13.1	0.0	30.0	





#17

2-Methylphenol

Concen: 33.268 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Instrument :

BNA_F

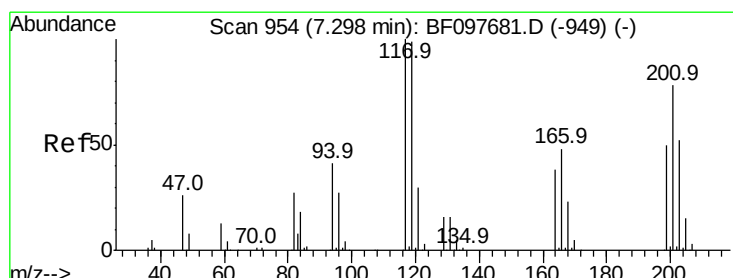
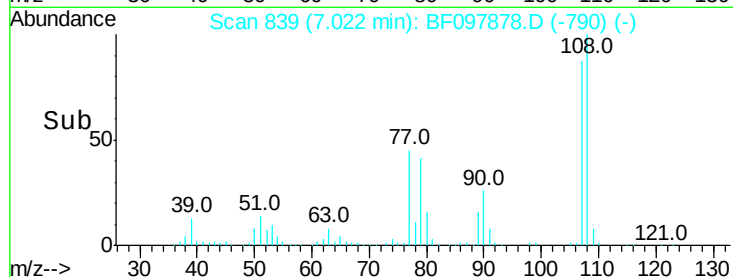
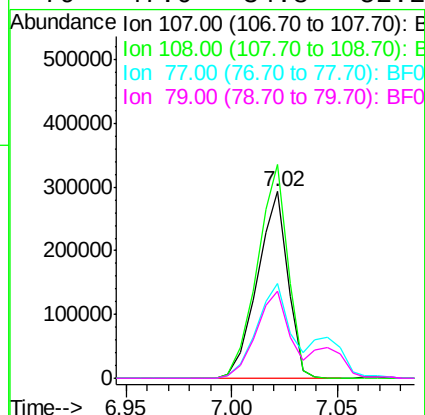
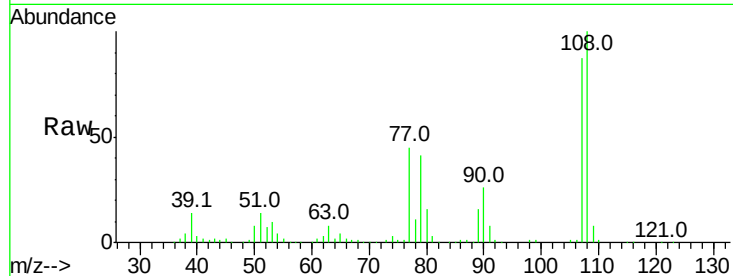
ClientSampled :

PI-2(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	294222		
108	114.5	93.4	140.0	
77	51.0	35.8	53.6	
79	47.0	34.8	52.2	

Manual Integrations
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#18

Hexachloroethane

Concen: 29.634 ng

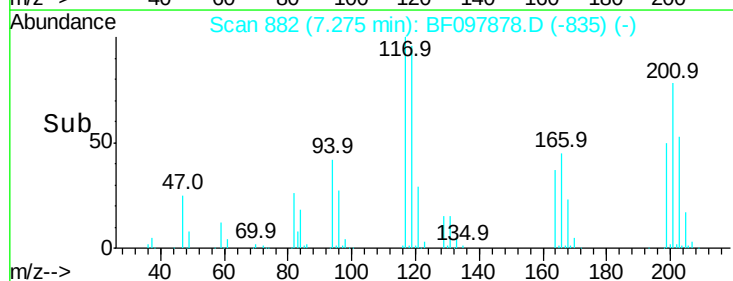
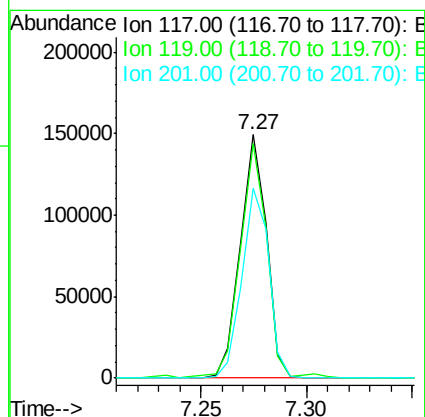
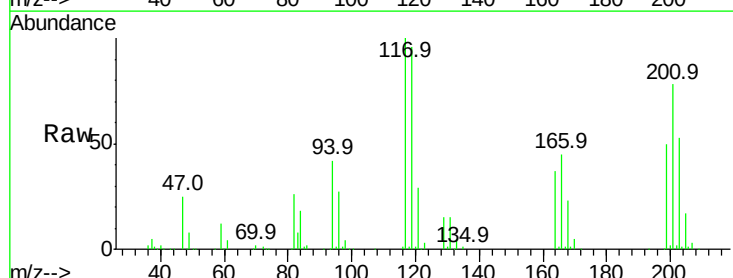
RT: 7.27 min Scan# 882

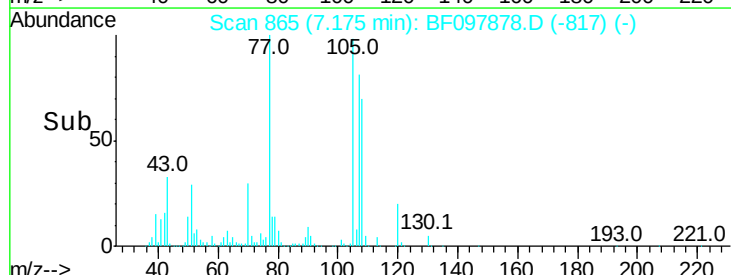
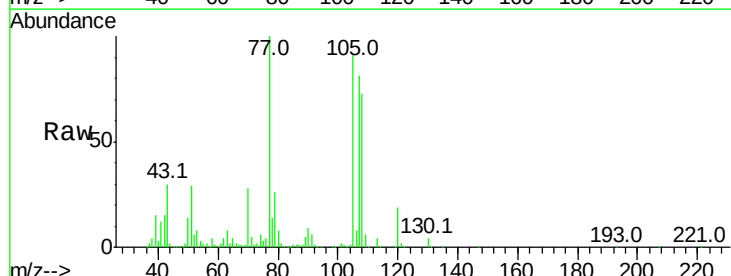
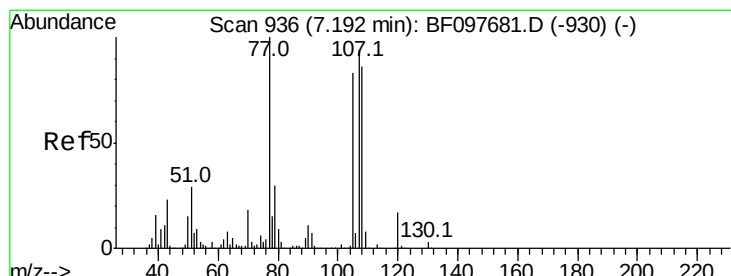
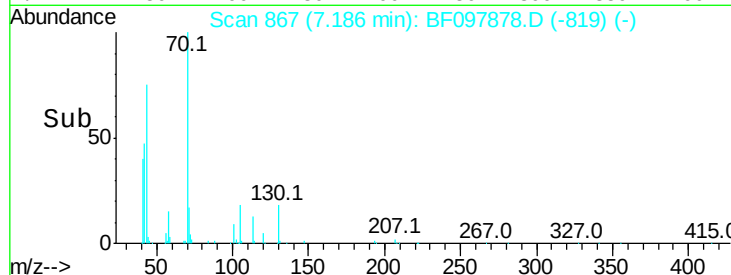
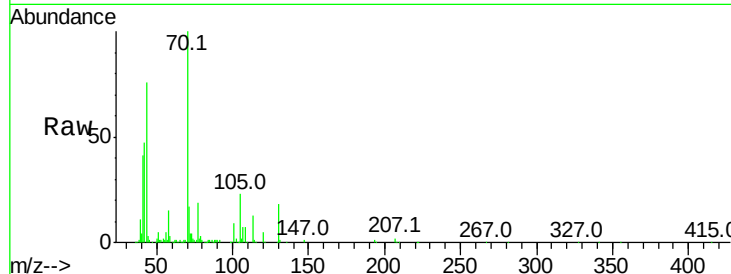
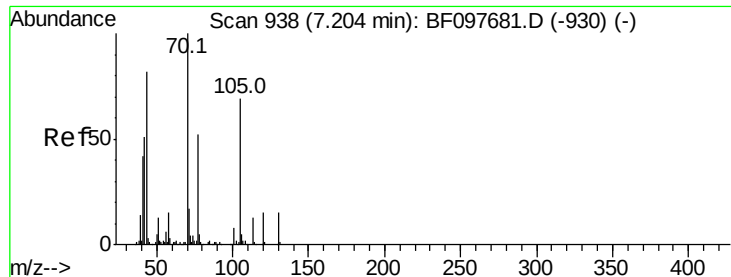
Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

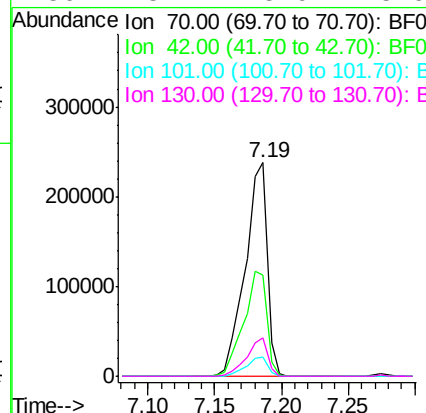
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	127556		
119	96.5	77.4	116.0	
201	77.9	94.6	141.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 30.702 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	47.4	47.2	70.8		
101	8.7	7.2	10.8		
130	18.1	15.9	23.9		



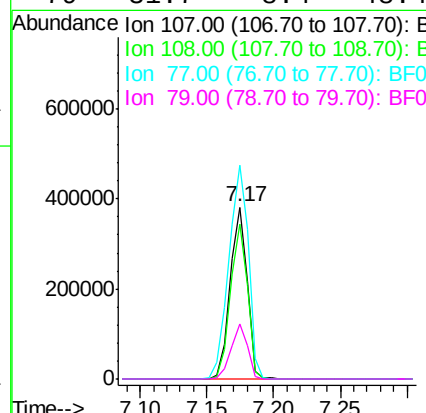
Instrument :
BNA_F
ClientSampleId :
PI-2(3)MS

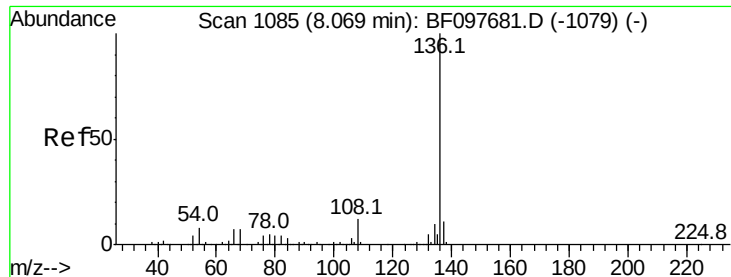
Manual Integrations
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#20
3+4-Methylphenols
Concen: 32.002 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.4	71.0	111.0		
77	124.1	90.5	130.5		
79	31.7	8.4	48.4		





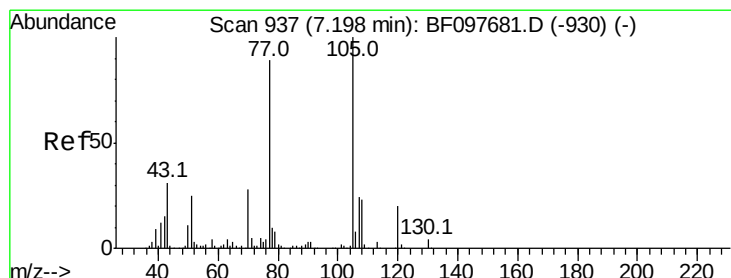
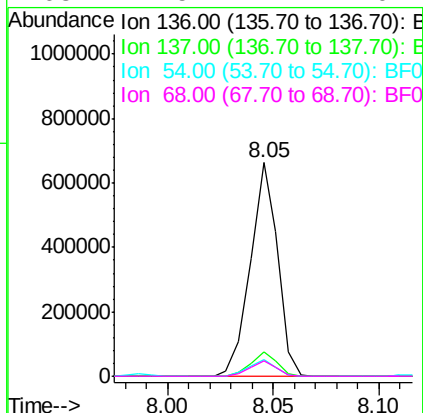
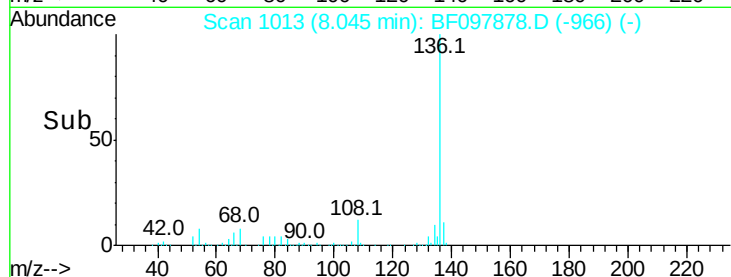
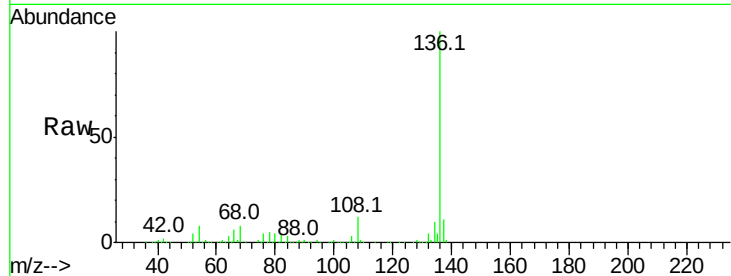
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Instrument :
BNA_F
ClientSampled :
PI-2(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.5	12.7	
54	8.0	4.9	7.3#	
68	7.5	4.1	6.1#	

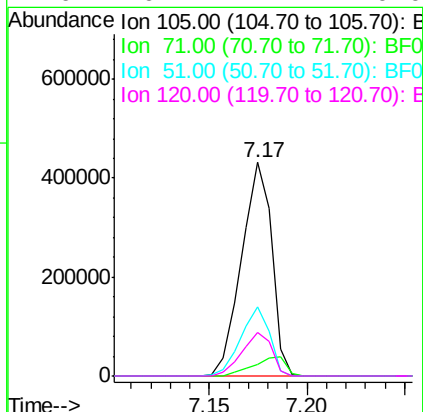
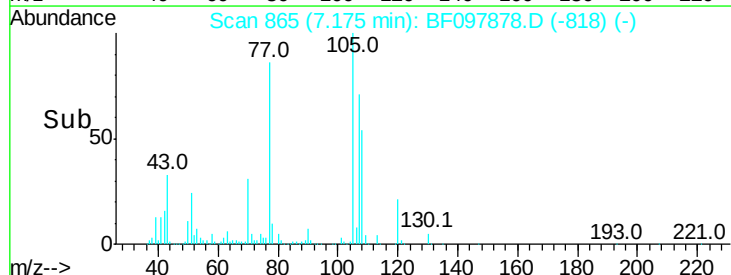
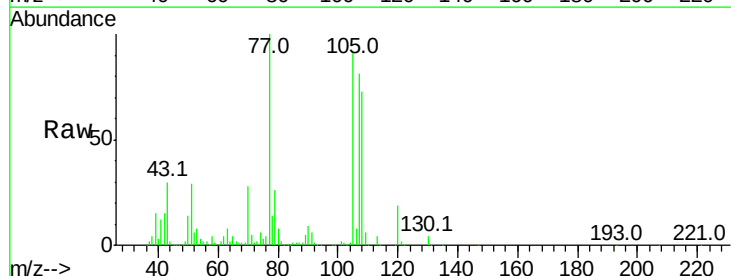
Manual Integrations
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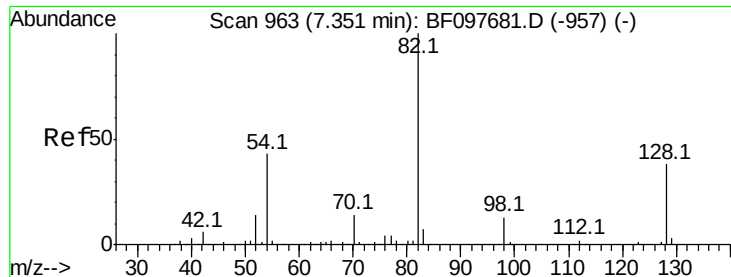
Sohil
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#22
Acetophenone
Concen: 29.563 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.1	2.8	4.2#	
51	32.2	30.7	46.1	
120	20.4	17.4	26.0	





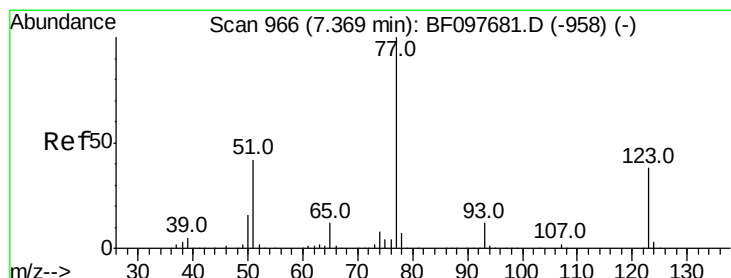
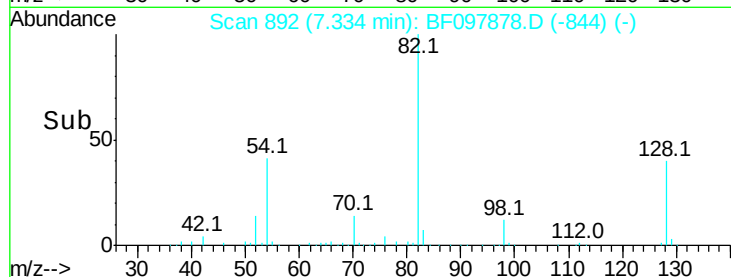
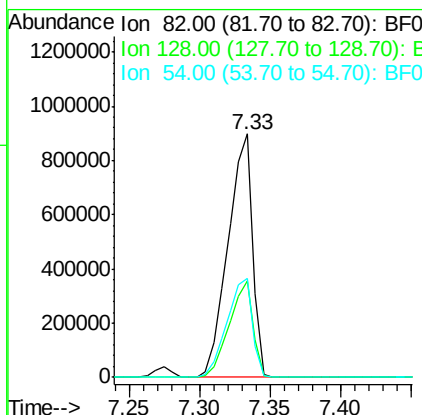
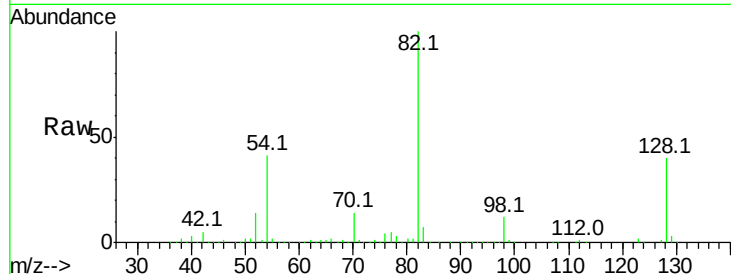
#23
Nitrobenzene-d5
Concen: 98.662 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.0	51.0
54	40.7	42.2	63.2#

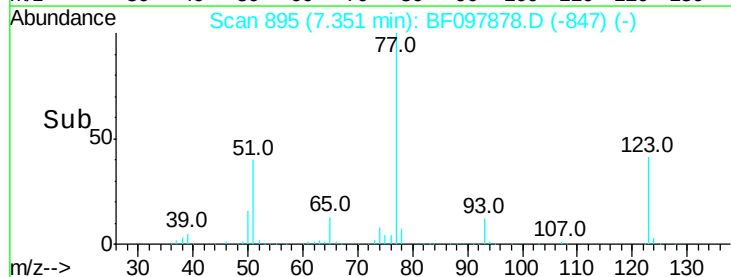
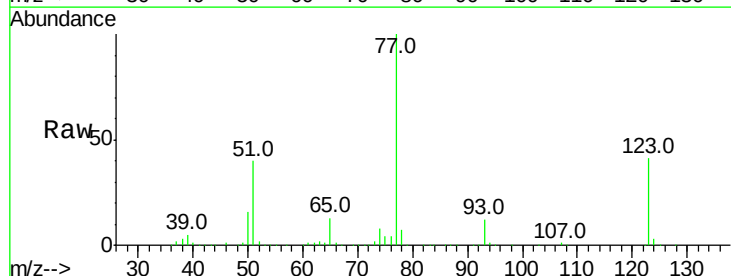
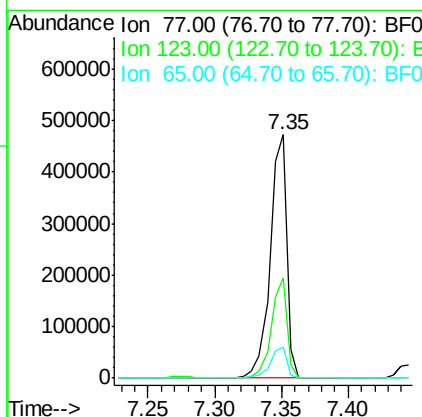
Manual Integrations
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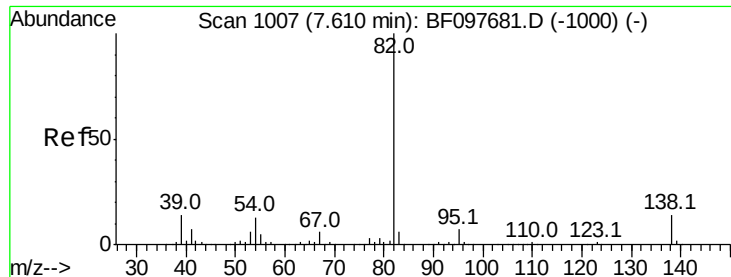
Sohil
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#24
Nitrobenzene
Concen: 33.688 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.1	35.8	53.8
65	13.0	10.6	15.8





#25

Isophorone

Concen: 33.808 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Instrument :

BNA_F

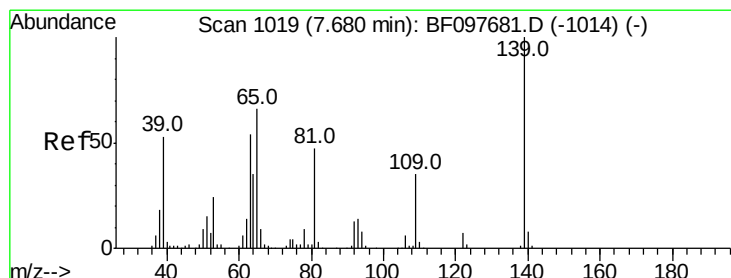
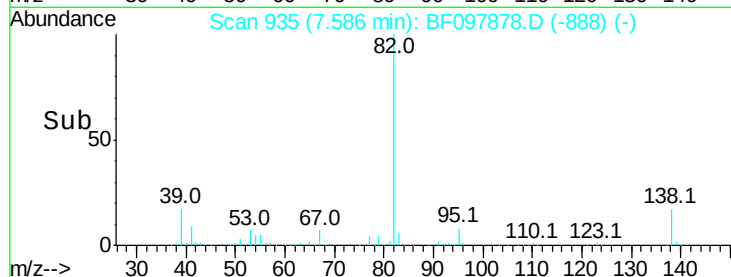
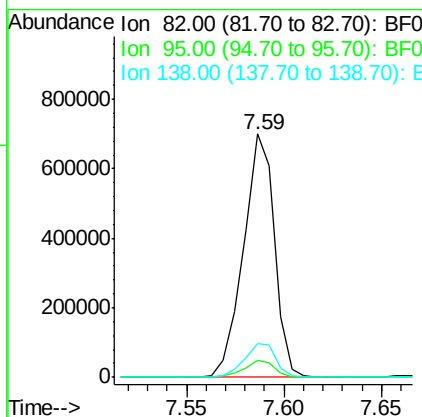
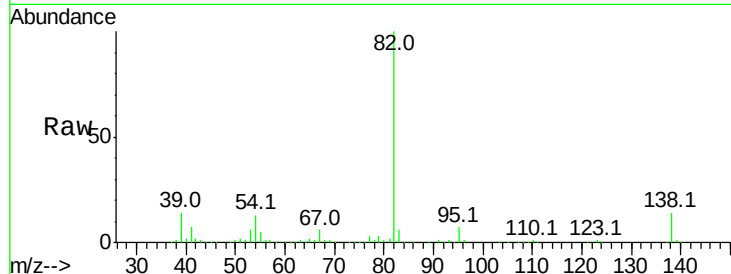
ClientSampleId :

PI-2(3)MS

Tot Ion:	82	Resp:	769853
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	14.0	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.772 ng

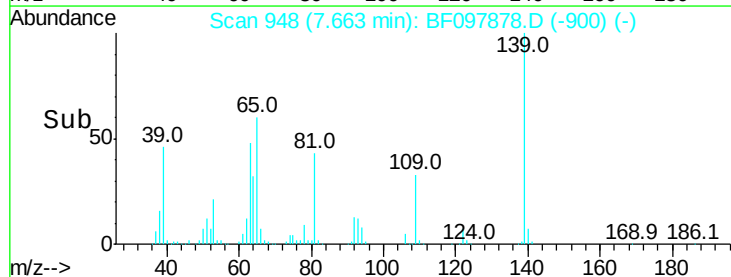
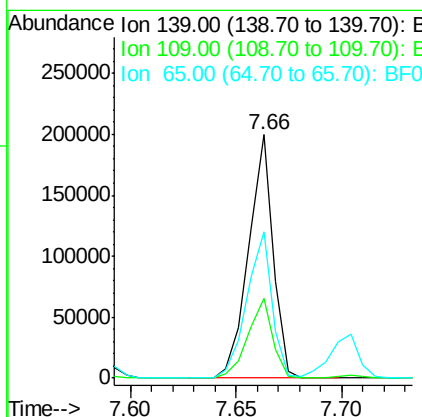
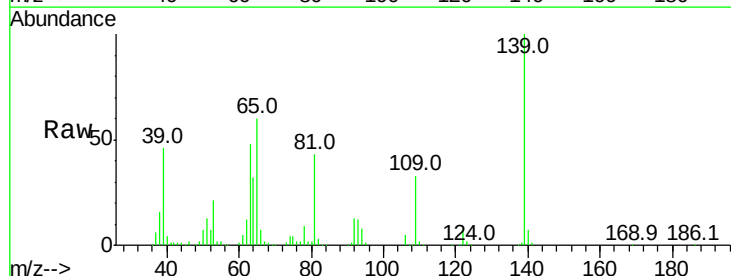
RT: 7.66 min Scan# 948

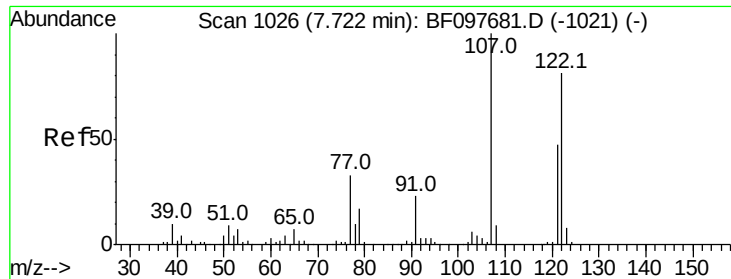
Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Tgt Ion:	139	Resp:	161307
Ion Ratio	Lower	Upper	
139	100		
109	33.0	21.0	31.6#
65	59.9	33.0	49.6#





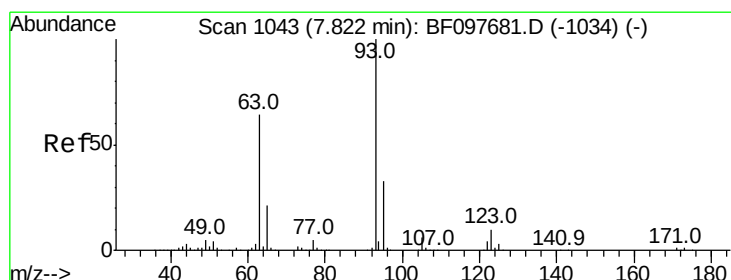
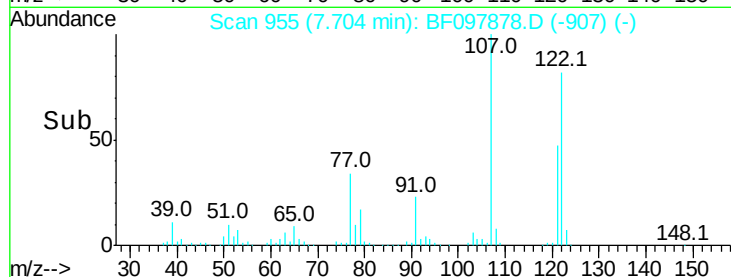
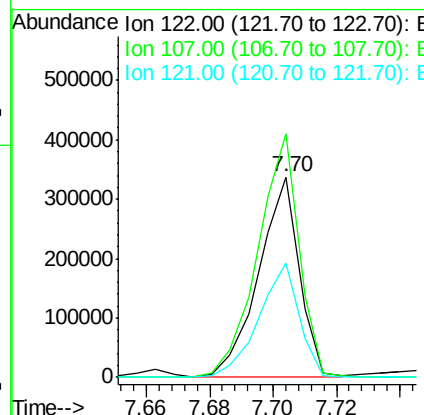
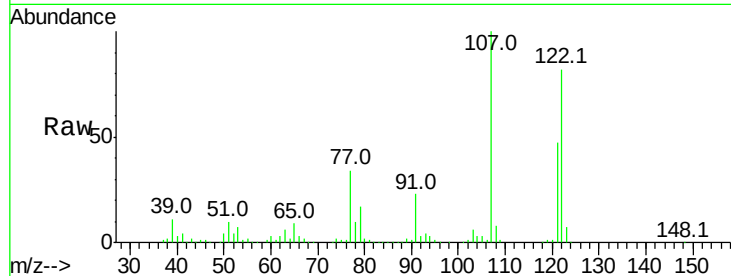
#27
 2,4-Dimethylphenol
 Concen: 31.743 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		301461		
107	121.6	89.2	133.8		
121	57.4	45.2	67.8		

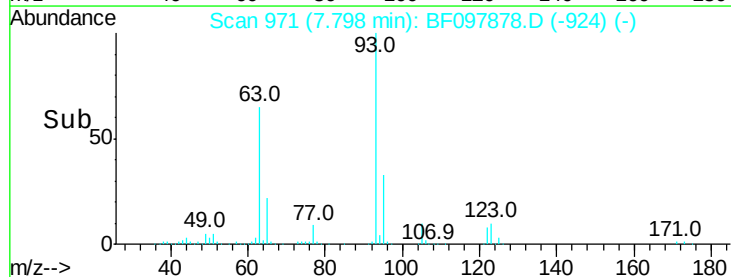
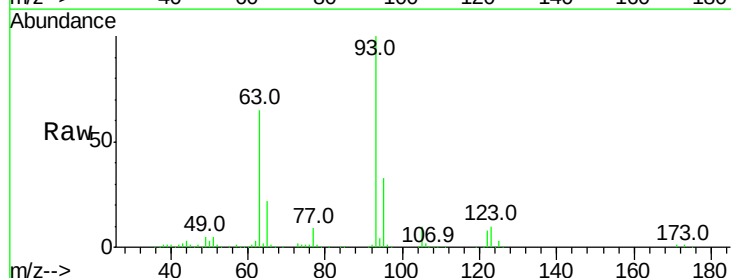
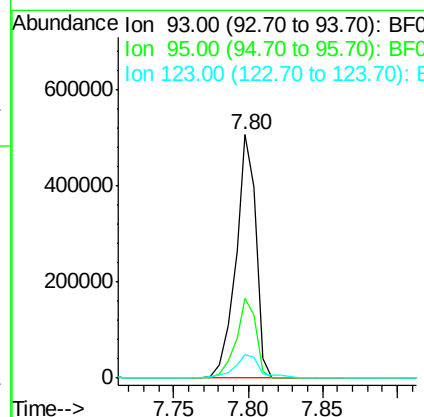
Manual Integrations
 APPROVED

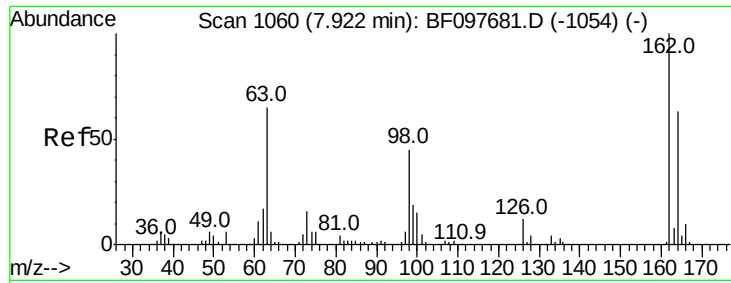
Sohil
 8/21/2017 5:19:54 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 31.941 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		478187		
95	32.9	26.5	39.7		
123	9.8	9.0	13.4		





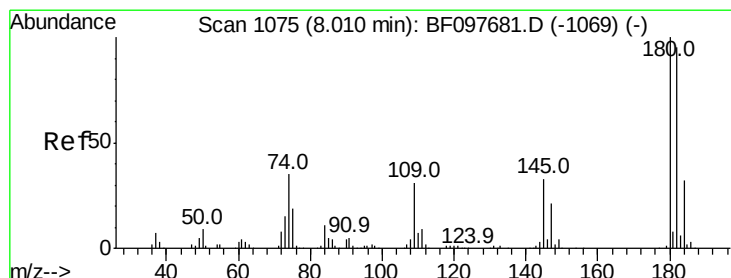
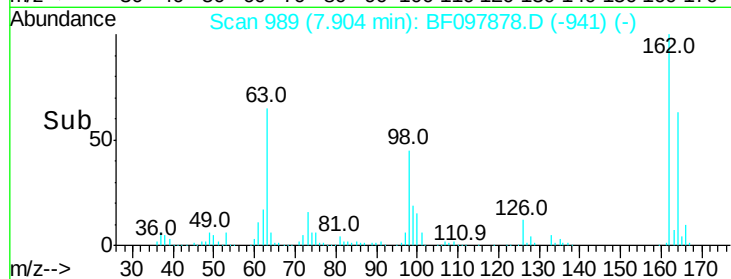
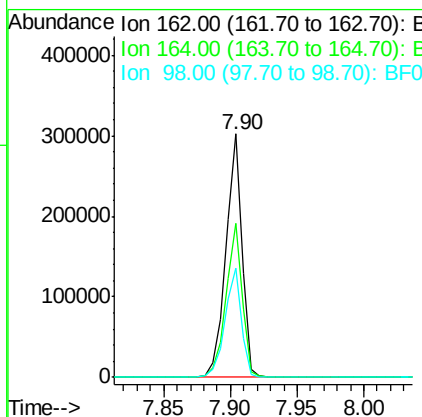
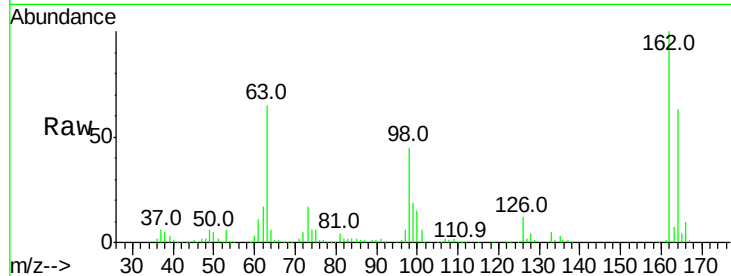
#29
 2,4-Dichlorophenol
 Concen: 32.990 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		260072		
164	63.2	44.6		84.6	
98	44.6	14.8		54.8	

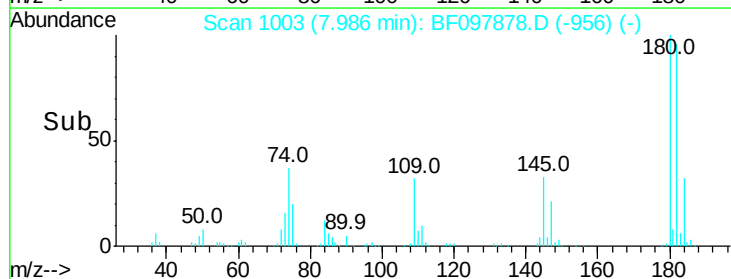
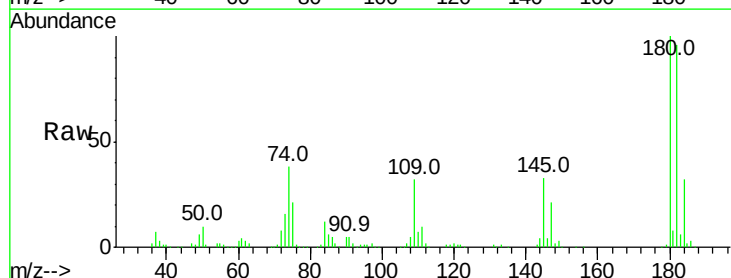
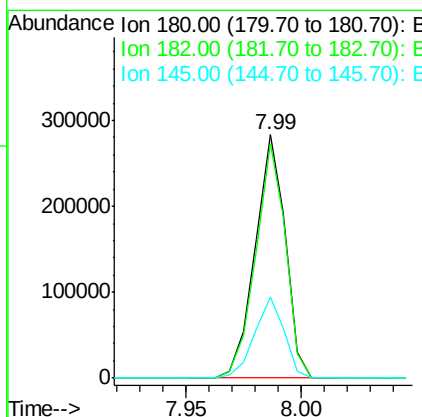
Manual Integrations
 APPROVED

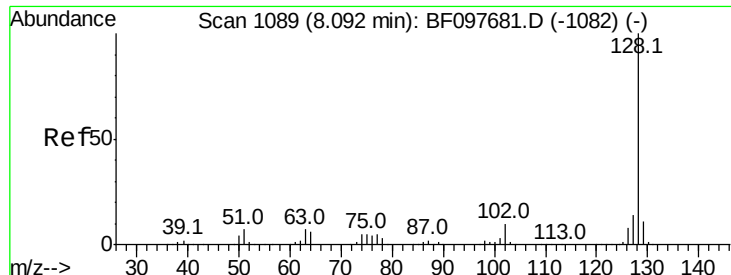
Sohil
 8/21/2017 5:19:54 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 29.508 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		257877		
182	96.4	75.8		113.6	
145	33.4	25.3		37.9	





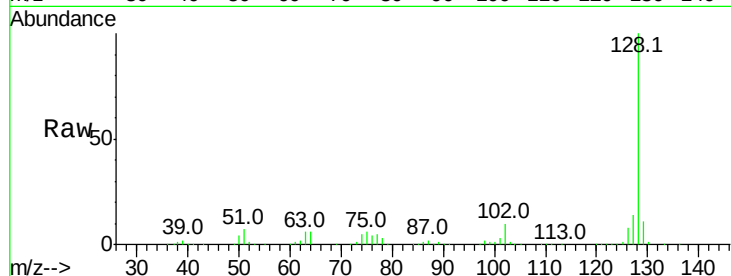
#31
Naphthalene
Concen: 29.796 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MS

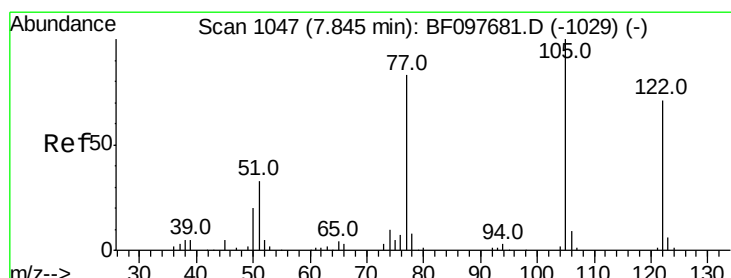
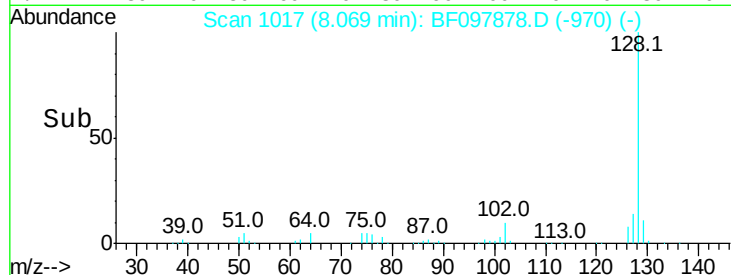
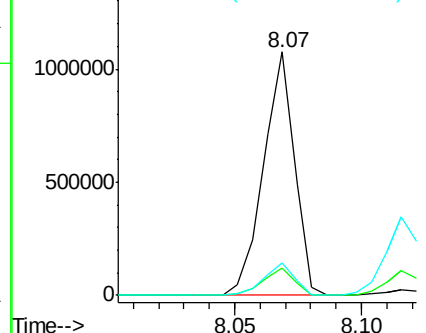
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.4	9.0	13.6	
127	13.5	10.8	16.2	

Manual Integrations
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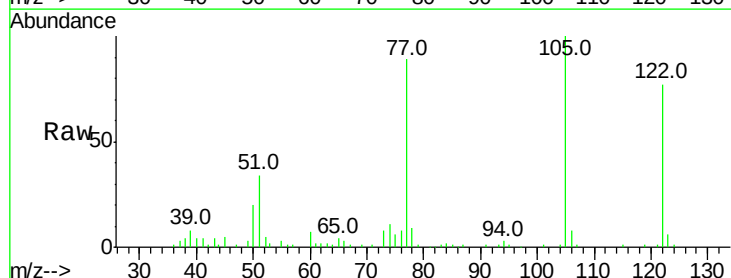


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

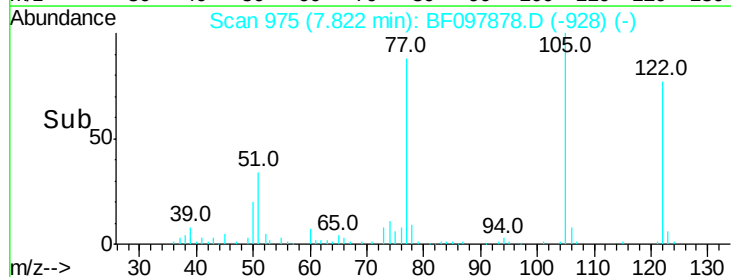
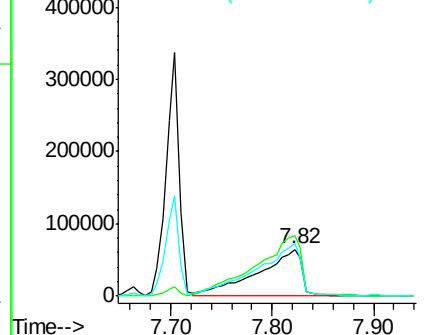


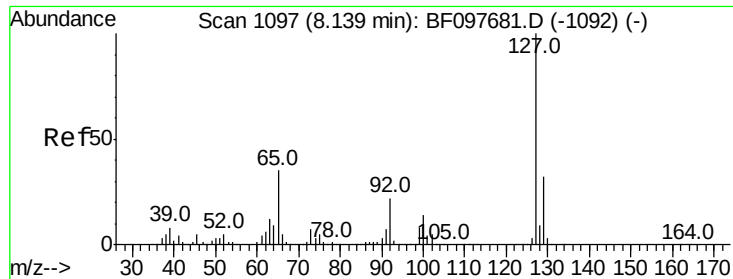
#32
Benzoic acid
Concen: 30.491 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	129.3	103.3	143.3	
77	114.6	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





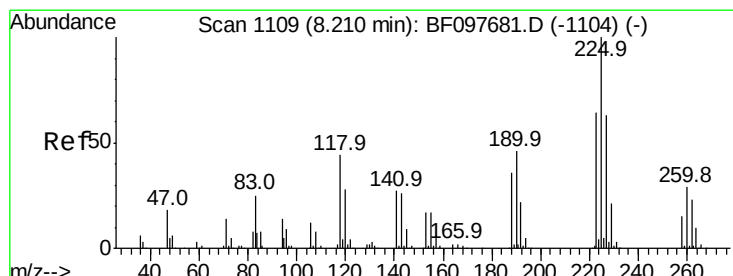
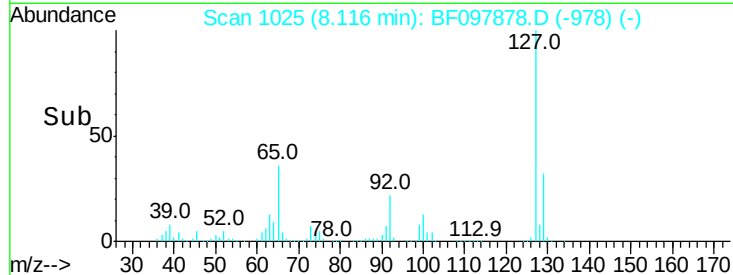
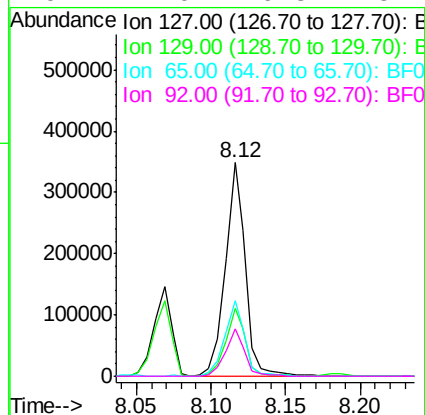
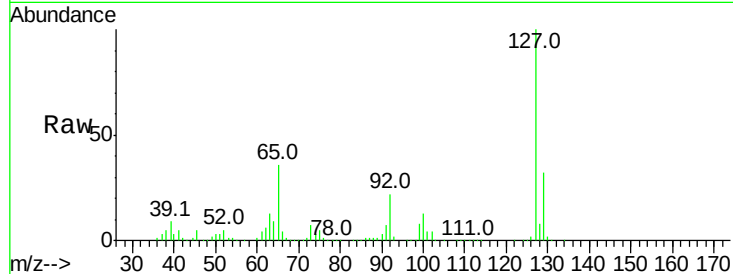
#33
4-Chloroaniline
Concen: 25.306 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.2	39.2	
65	35.7	27.8	41.8	
92	22.0	16.8	25.2	

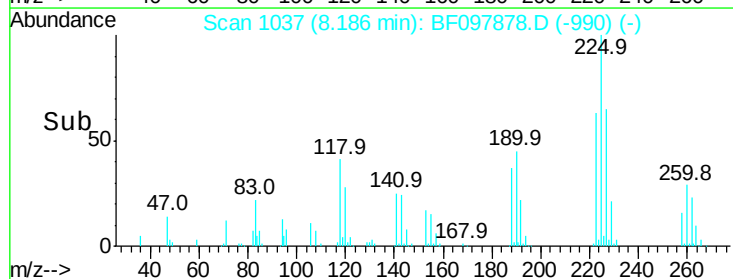
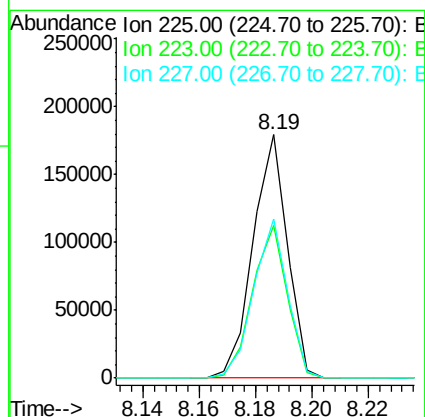
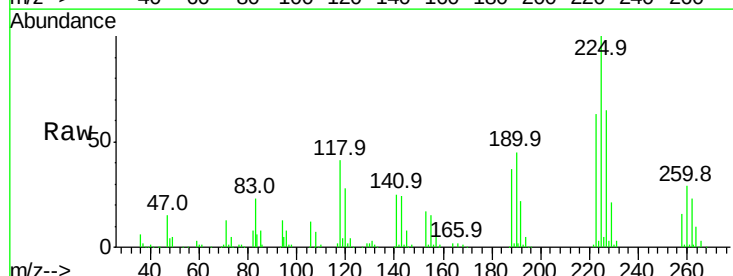
Manual Integrations
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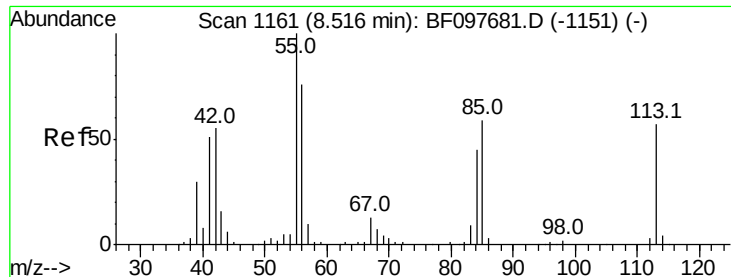
Sohil
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#34
Hexachlorobutadiene
Concen: 29.641 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	48.8	73.2	
227	65.2	51.1	76.7	





#35

Caprolactam

Concen: 33.520 ng

RT: 8.49 min Scan# 1088

Delta R.T. -0.03 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Instrument :

BNA_F

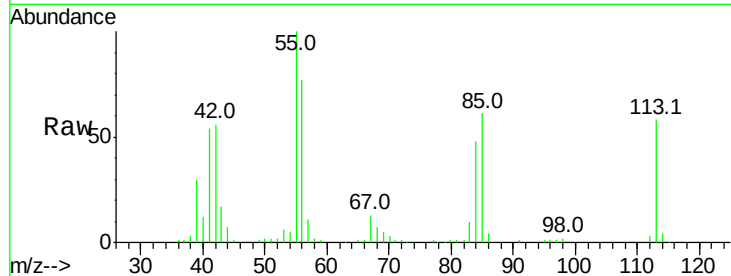
ClientSampleId :

PI-2(3)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	171.0	150.2	190.2		
56	132.3	107.8	147.8		

Manual Integrations
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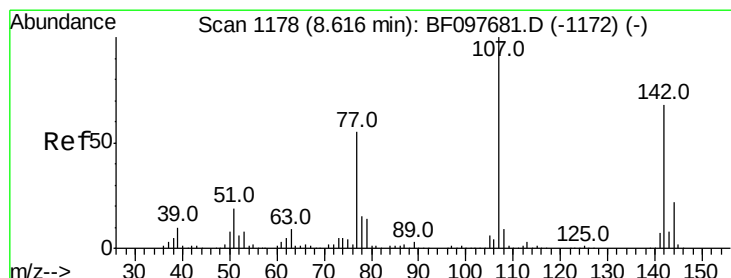
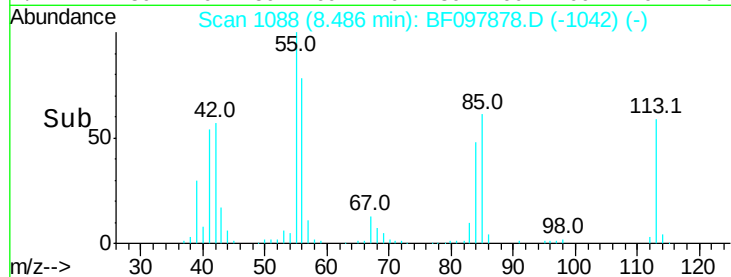
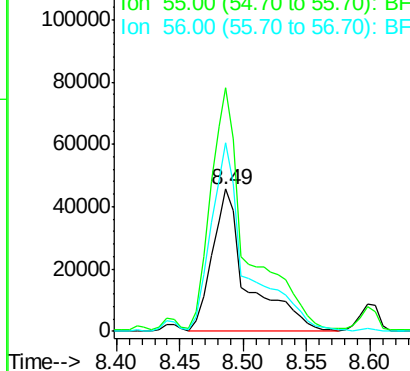
Sohil
8/21/2017 5:19:54 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 31.719 ng

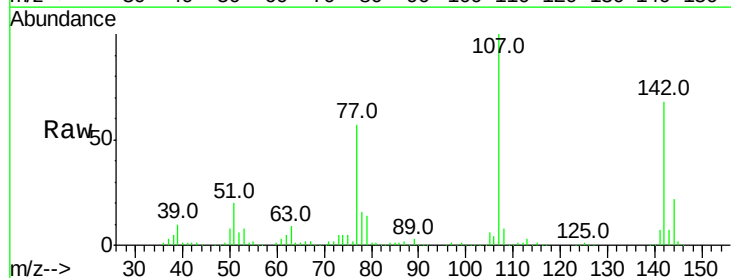
RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

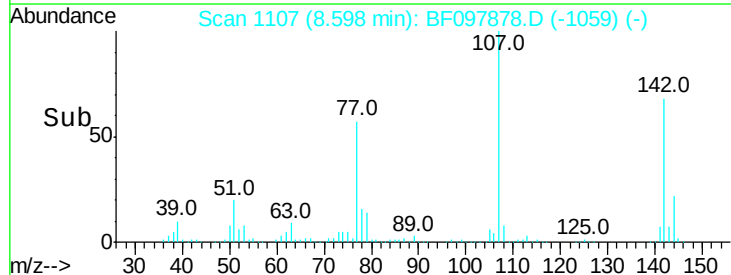
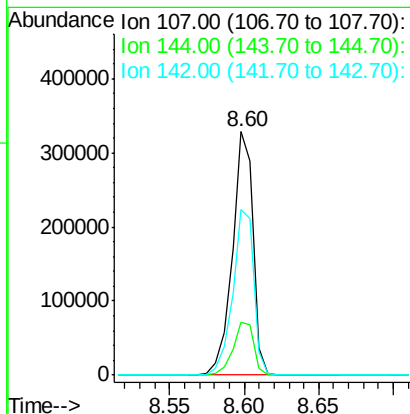
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	21.7	24.2	36.4#		
142	68.2	73.4	110.0#		

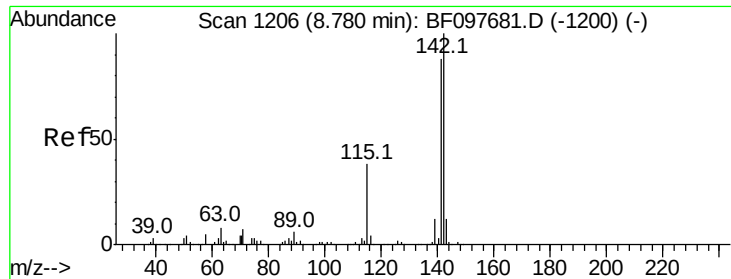


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





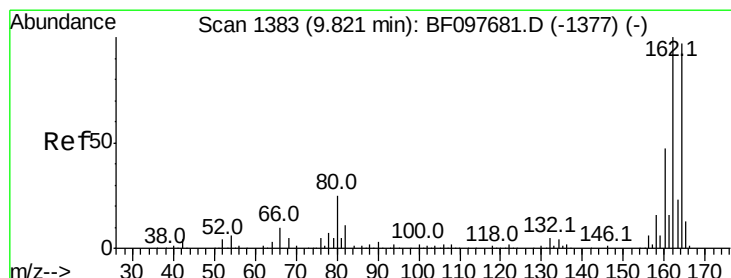
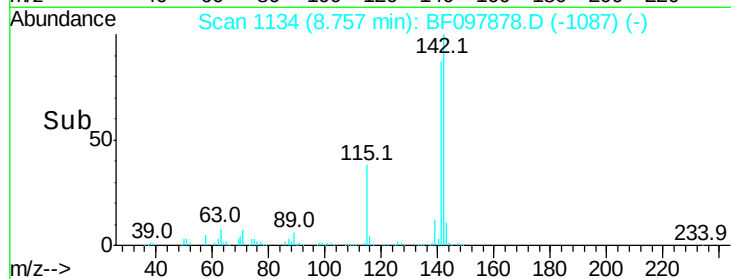
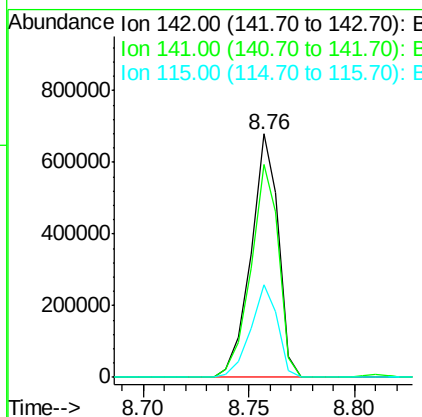
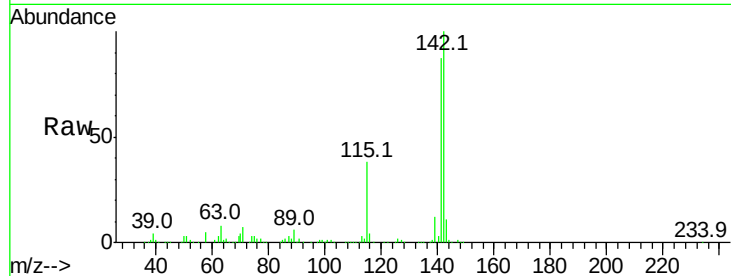
#37
2-Methylnaphthalene
Concen: 32.341 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	612401		
141	87.3	71.3	106.9	
115	37.8	27.1	40.7	

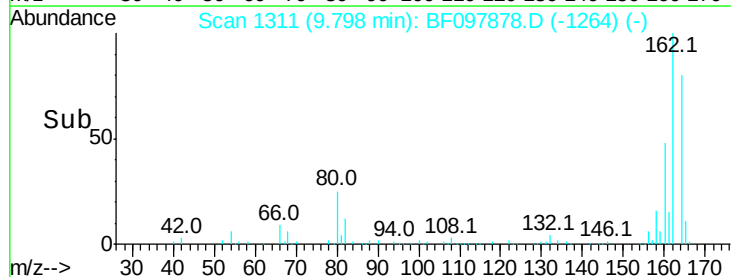
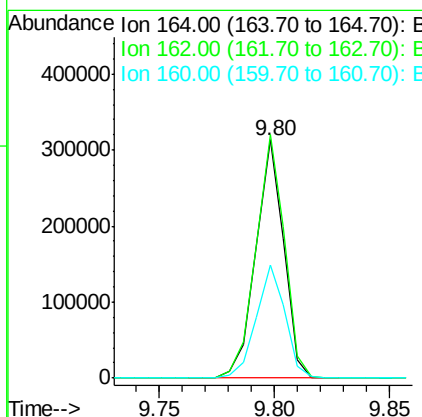
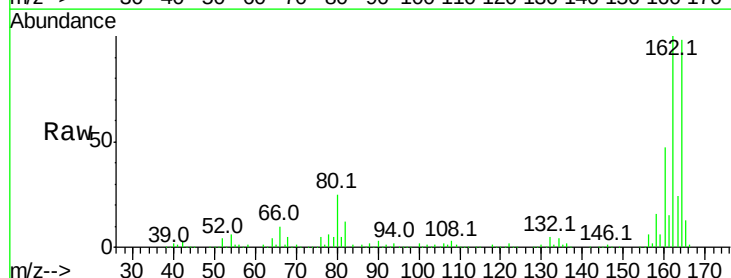
Manual Integrations
APPROVED

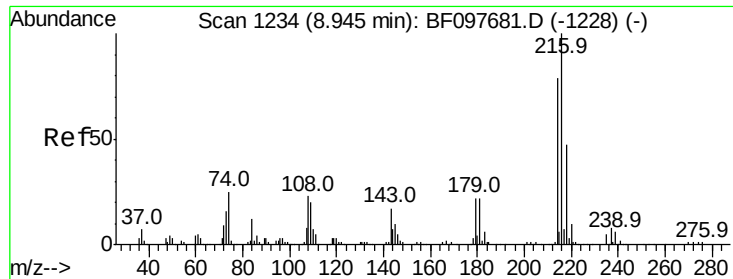
Sohil
8/21/2017 5:19:54 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	265153		
162	102.3	82.6	123.8	
160	47.7	36.2	54.2	





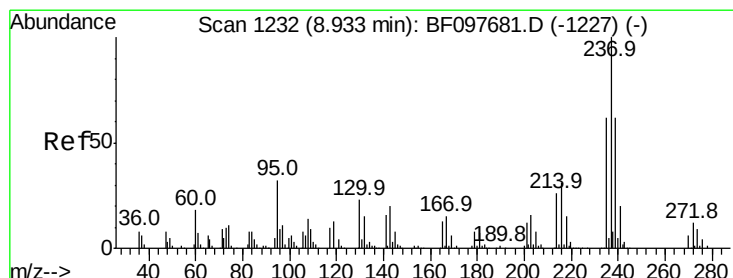
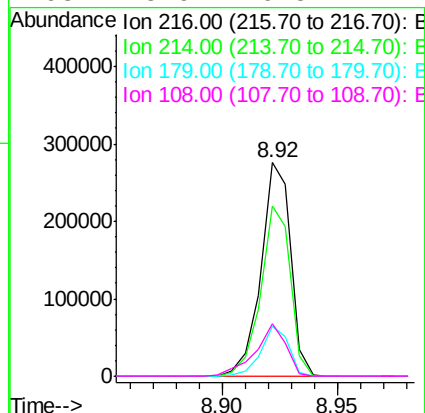
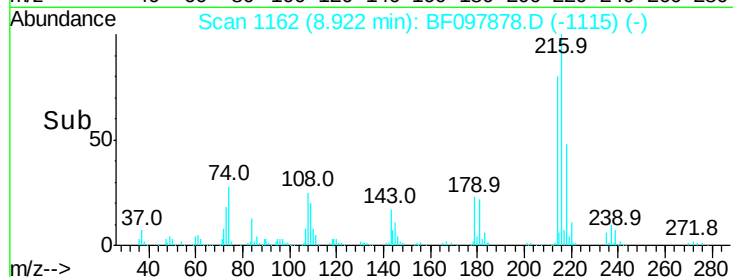
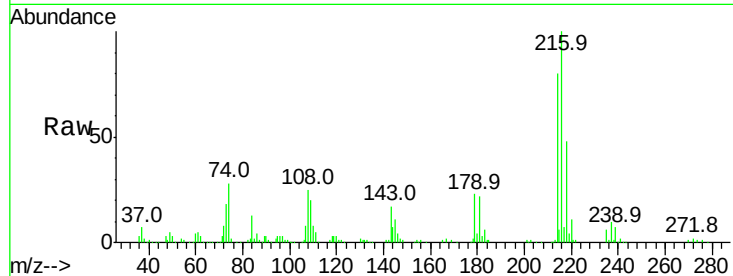
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.369 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.4	63.4	95.2
179	22.1	17.9	26.9
108	25.9	16.5	24.7#

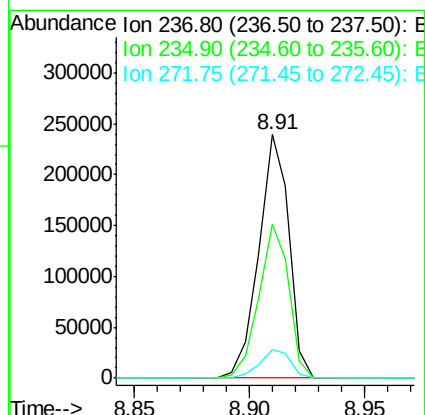
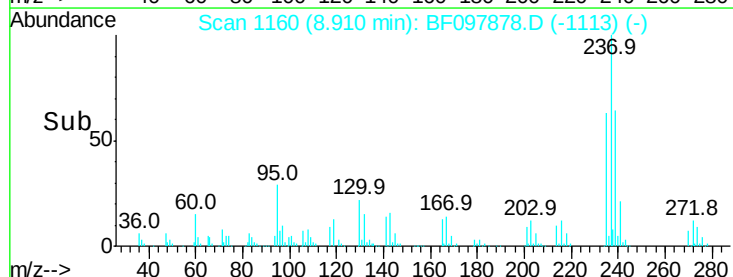
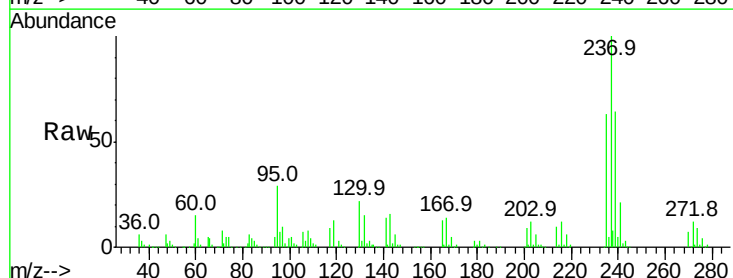
Manual Integrations
 APPROVED

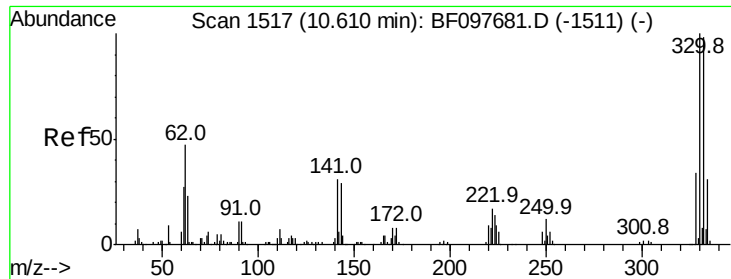
Sohil
 8/21/2017 5:19:54 PM



#40
 Hexachlorocyclopentadiene
 Concen: 55.905 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	42.6	82.6
272	11.8	0.0	31.9





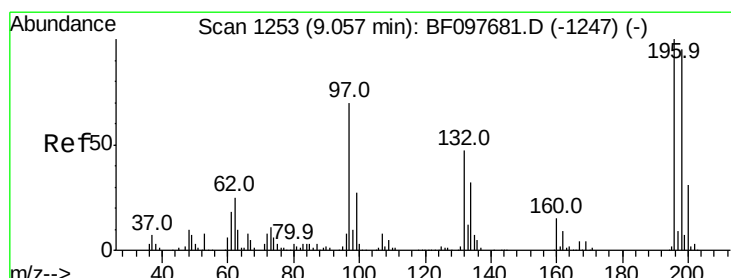
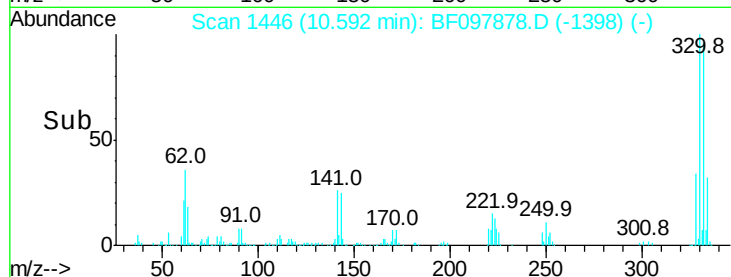
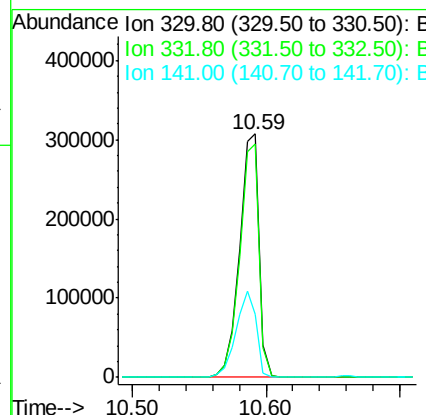
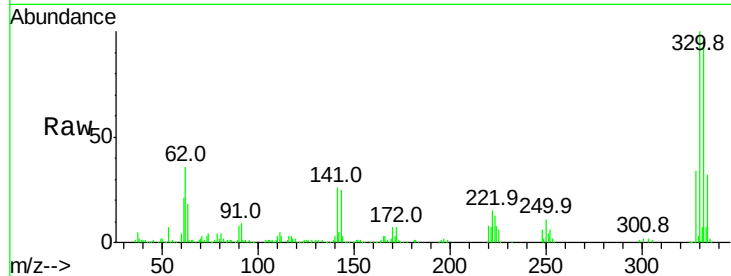
#41
 2,4,6-Tribromophenol
 Concen: 136.849 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	76.6	115.0	
141	36.9	31.4	47.2	

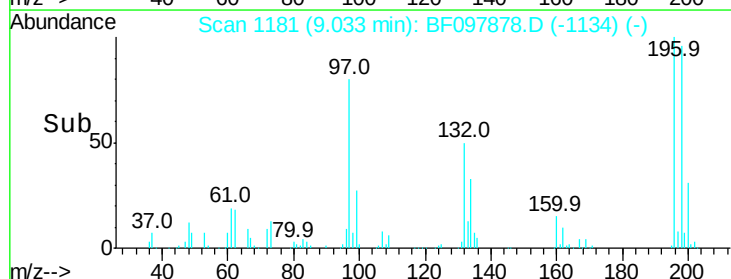
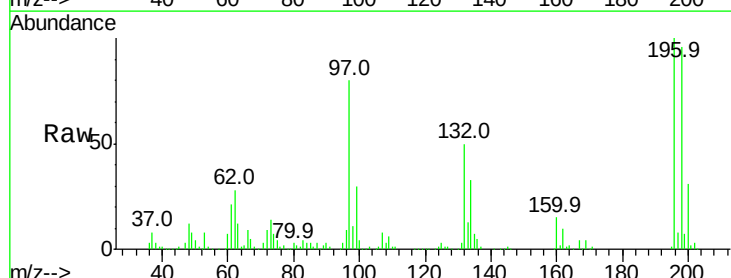
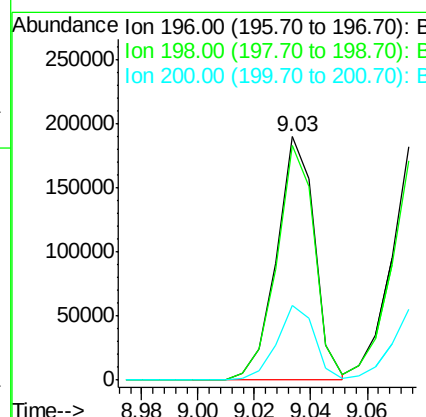
Manual Integrations
 APPROVED

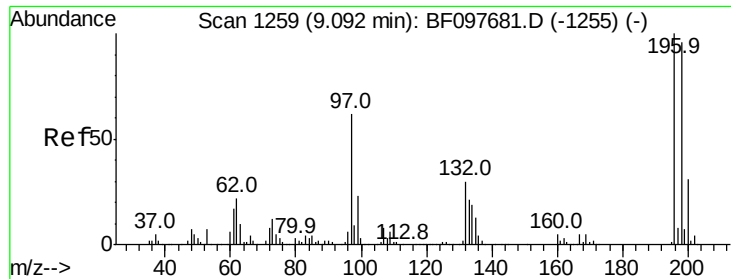
Sohil
 8/21/2017 5:19:54 PM



#42
 2,4,6-Trichlorophenol
 Concen: 32.319 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.3	74.2	111.4	
200	30.8	24.0	36.0	





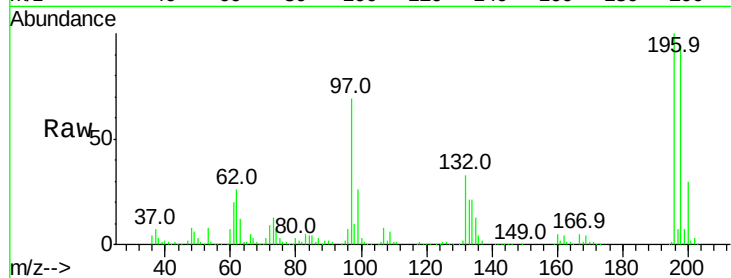
#43
 2,4,5-Trichlorophenol
 Concen: 34.577 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MS

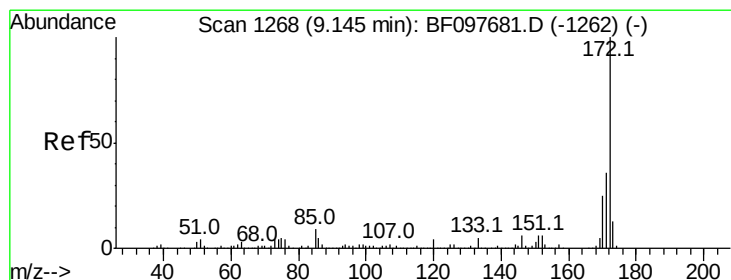
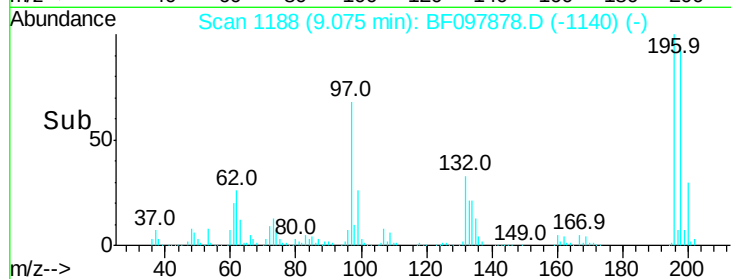
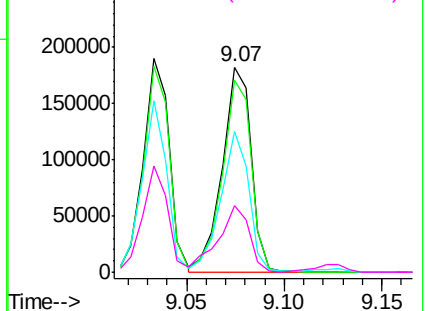
Tot Ion	196	Resp	187404
Ion Ratio	Lower	Upper	
196	100		
198	93.7	75.7	113.5
97	68.6	47.7	71.5
132	32.6	28.0	42.0

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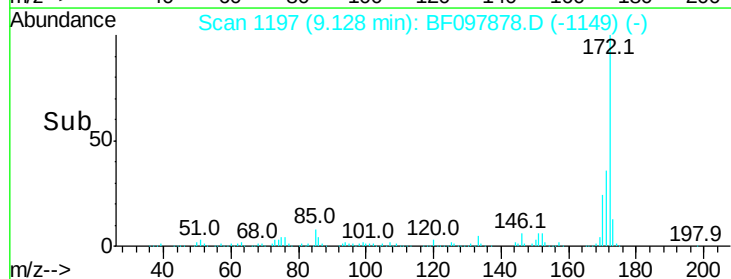
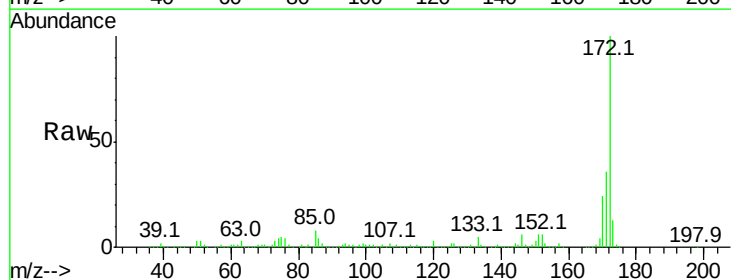
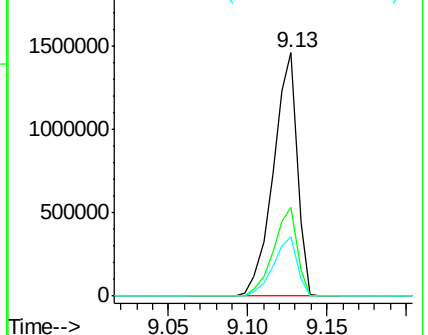
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

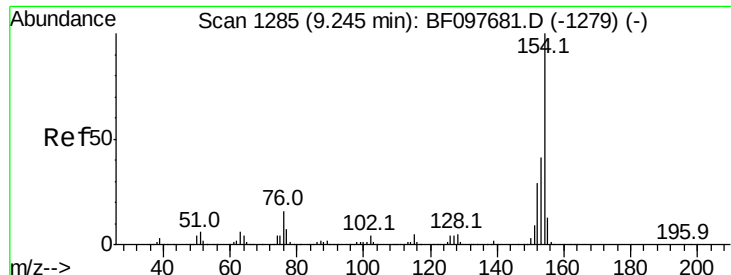


#44
 2-Fluorobiphenyl
 Concen: 84.851 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Tgt Ion	172	Resp	1531336
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	24.3	19.8	29.8

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





#45

1,1'-Biphenyl

Concen: 30.400 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Instrument :

BNA_F

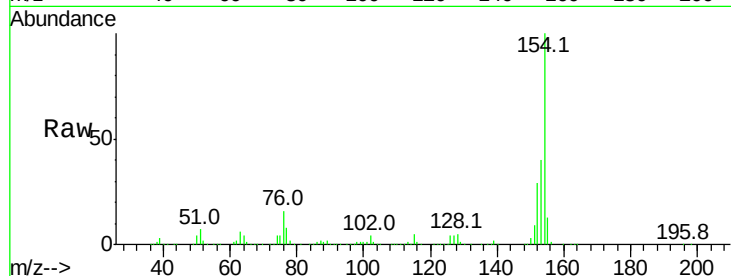
ClientSampled :

PI-2(3)MS

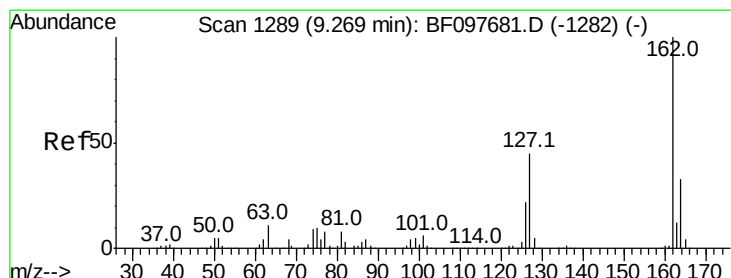
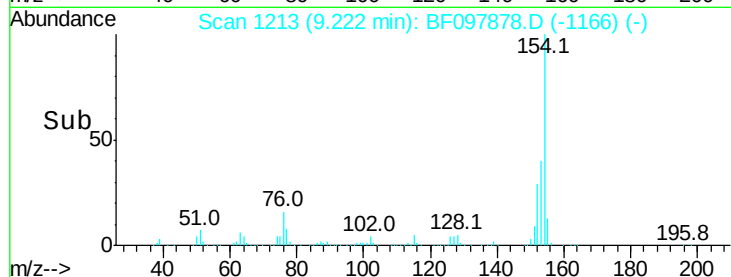
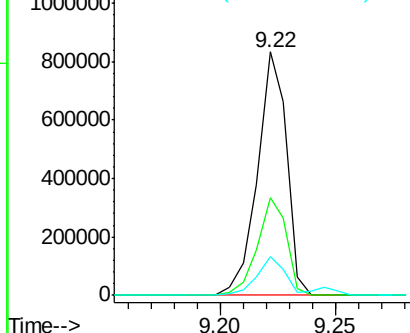
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	21.2	61.2	
76	16.0	0.0	29.9	

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



#46

2-Chloronaphthalene

Concen: 29.843 ng

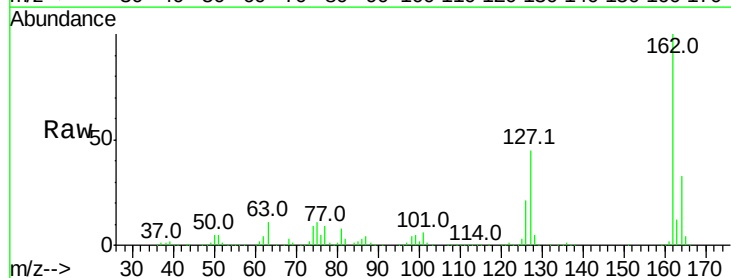
RT: 9.25 min Scan# 1217

Delta R.T. -0.02 min

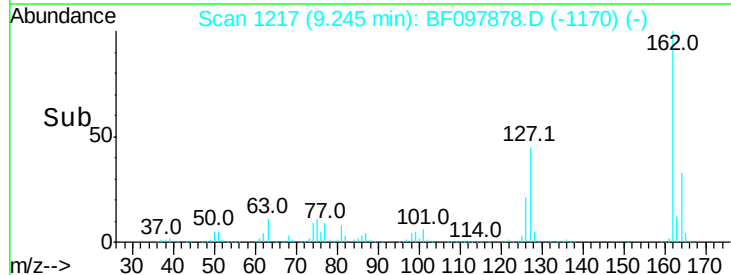
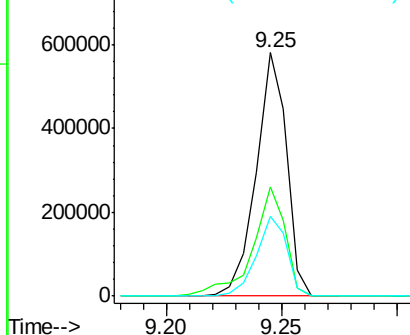
Lab File: BF097878.D

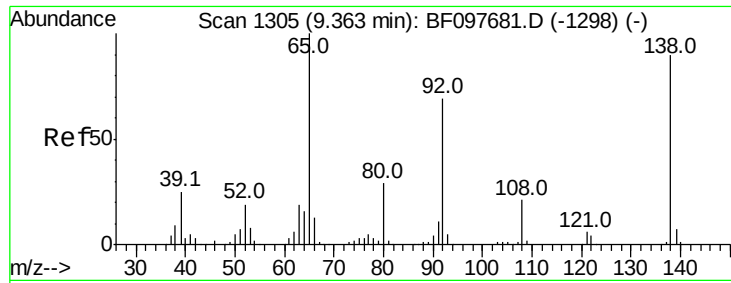
Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.6	28.3	42.5#	
164	32.7	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





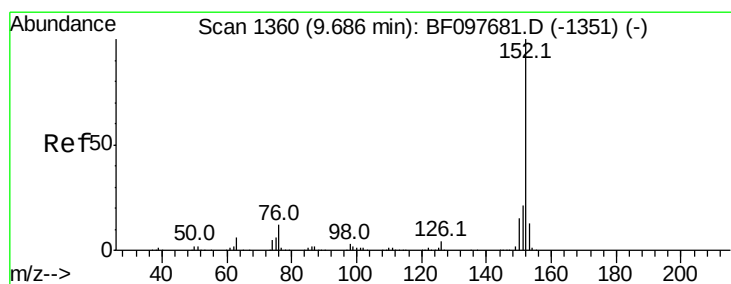
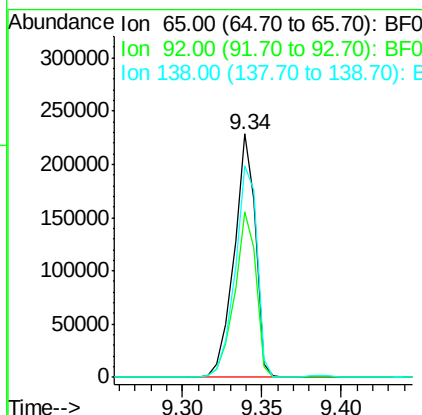
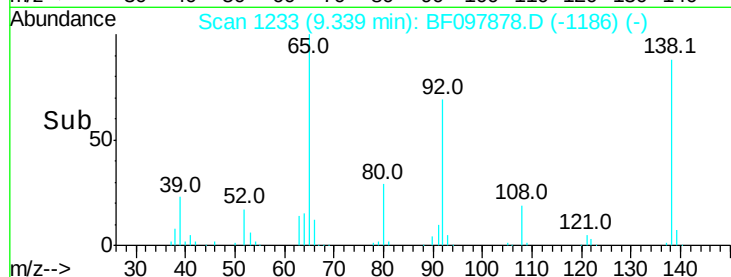
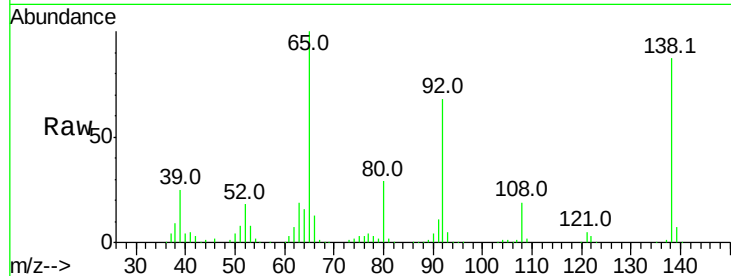
#47
 2-Nitroaniline
 Concen: 35.517 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MS

Tot Ion:	65	Resp:	212721
Ion Ratio	Lower	Upper	
65	100		
92	67.9	53.9	80.9
138	86.8	78.8	118.2

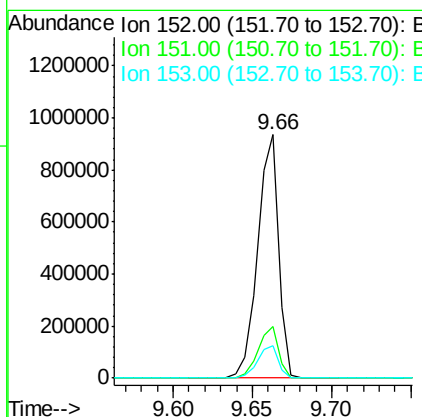
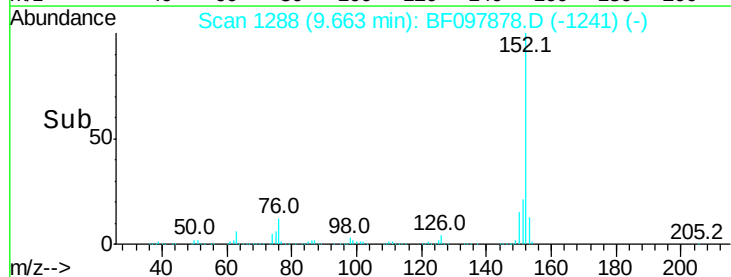
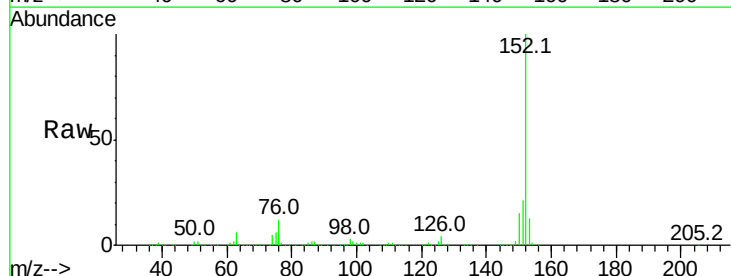
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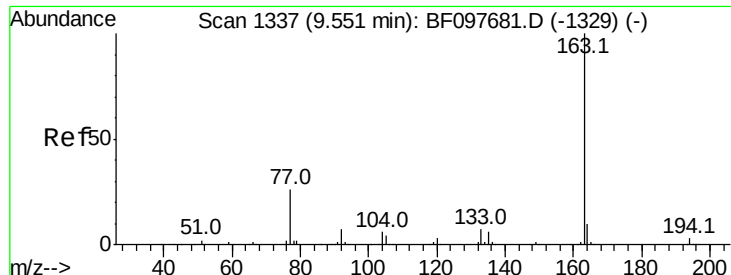
Sohil
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#48
 Acenaphthylene
 Concen: 30.642 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Tgt Ion:	152	Resp:	859686
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.8	25.2
153	13.4	10.8	16.2





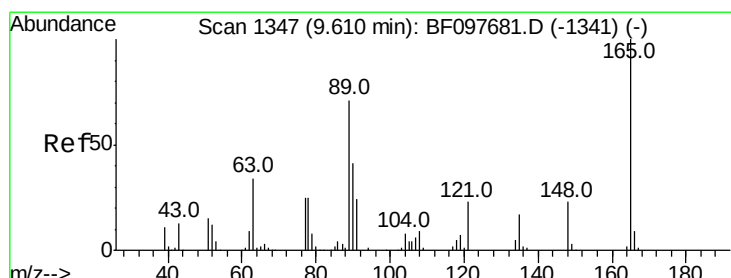
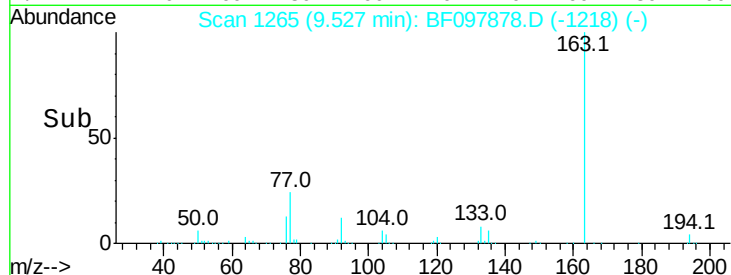
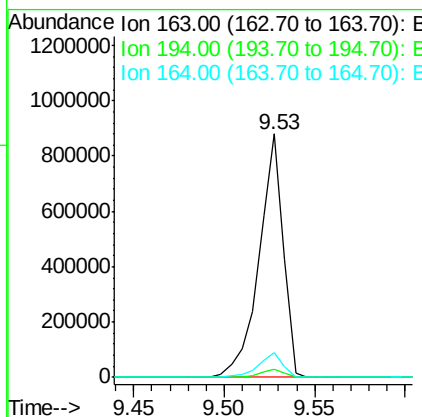
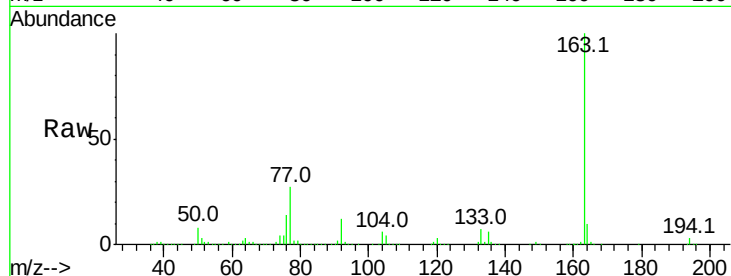
#49
 Dimethylphthalate
 Concen: 42.031 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampled :
 PI-2(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.3	8.4	12.6	

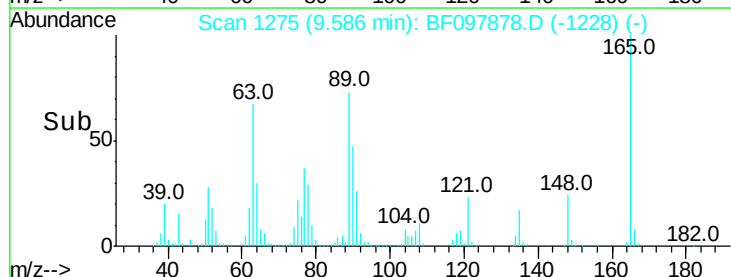
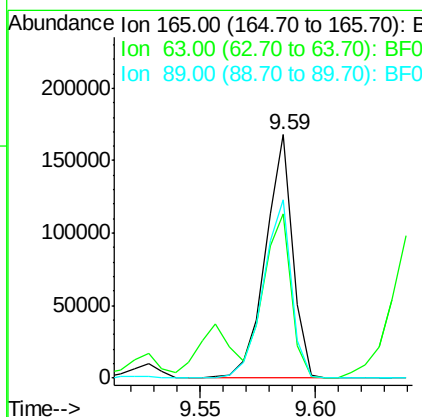
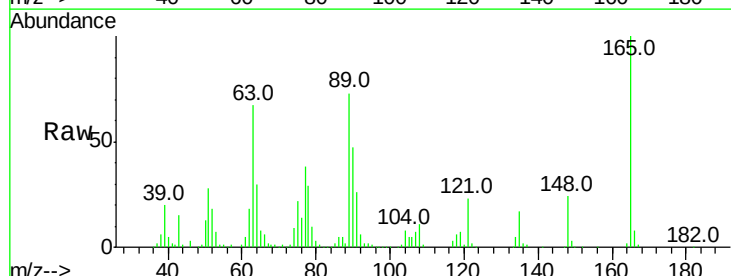
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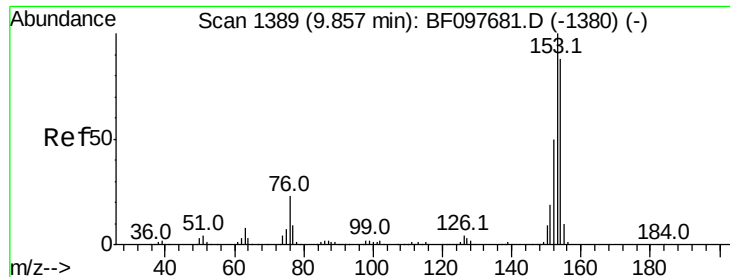
Sohil
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#50
 2,6-Dinitrotoluene
 Concen: 35.542 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.2	34.3	51.5#	
89	73.2	37.1	55.7#	





#51

Acenaphthene

Concen: 30.177 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Instrument :

BNA_F

ClientSampleId :

PI-2(3)MS

Tot Ion:154 Resp: 533955

Ion Ratio Lower Upper

154 100

153 116.0 90.5 135.7

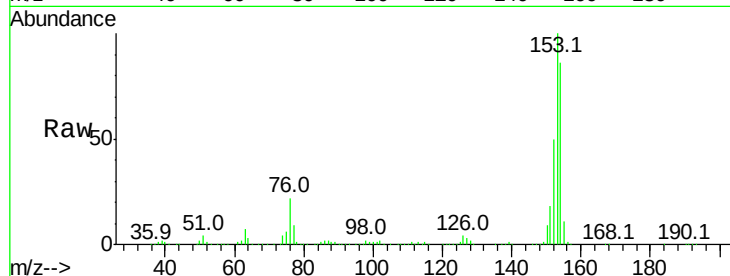
152 57.7 43.6 65.4

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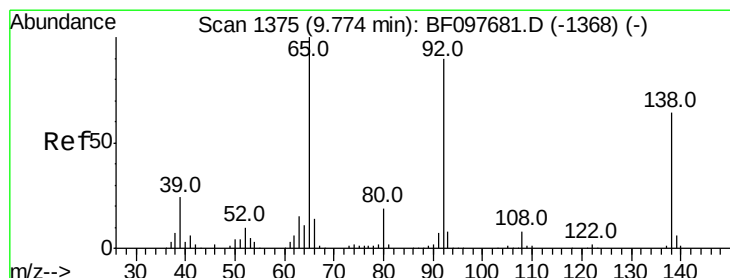
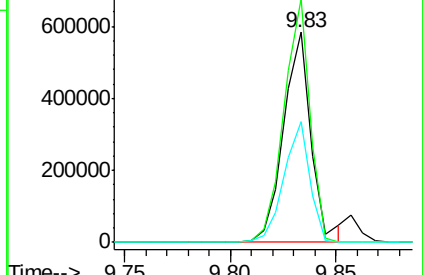
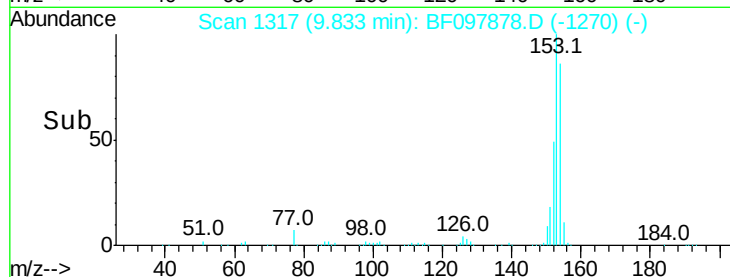
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.666 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

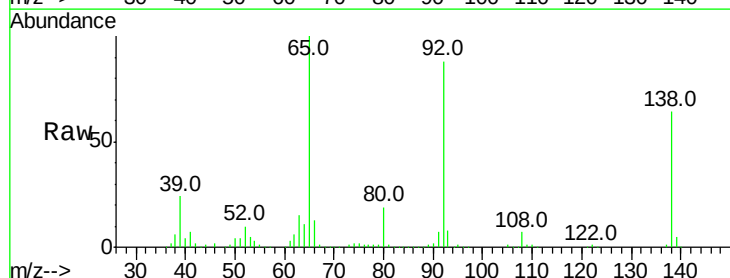
Tgt Ion:138 Resp: 133104

Ion Ratio Lower Upper

138 100

108 11.5 9.1 13.7

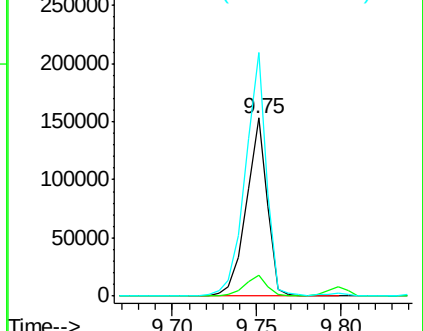
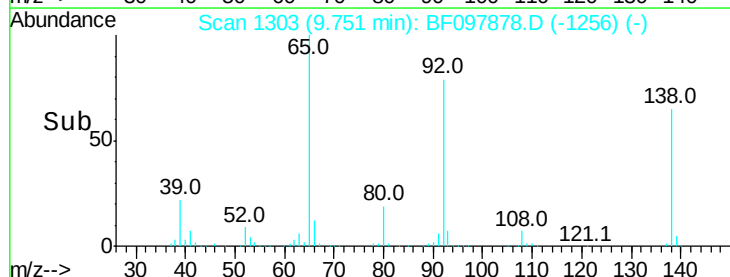
92 136.7 93.8 140.6

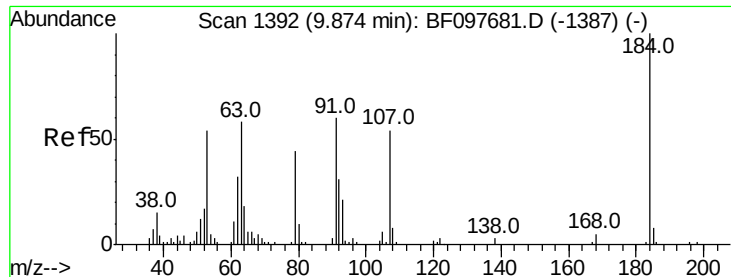


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





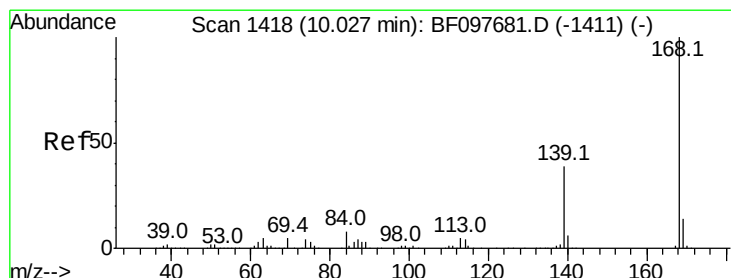
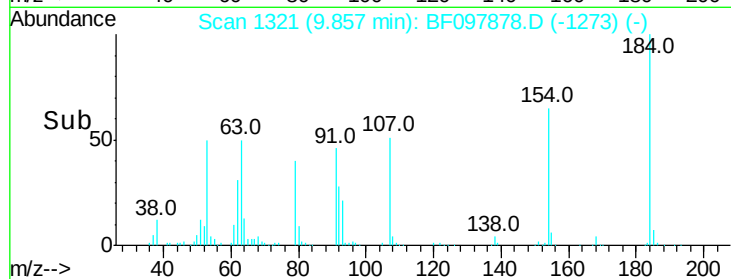
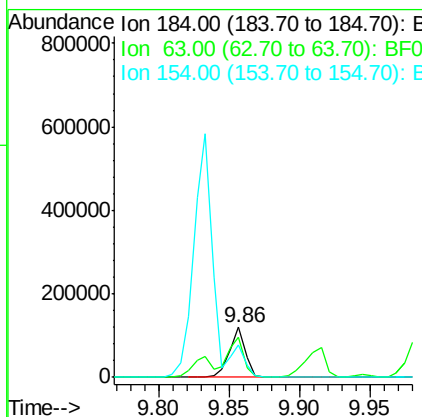
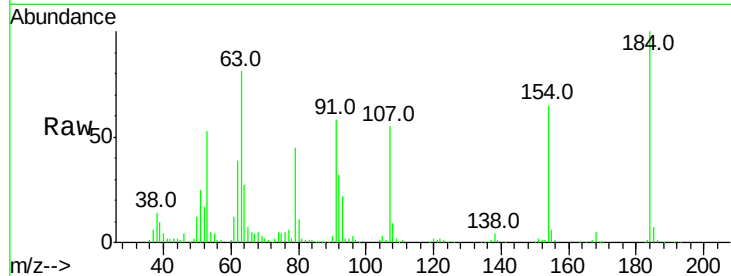
#53
 2,4-Dinitrophenol
 Concen: 55.219 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	80.6	62.7	94.1	
154	65.0	81.1	121.7	

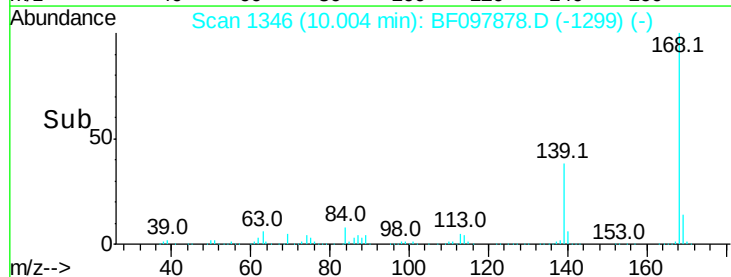
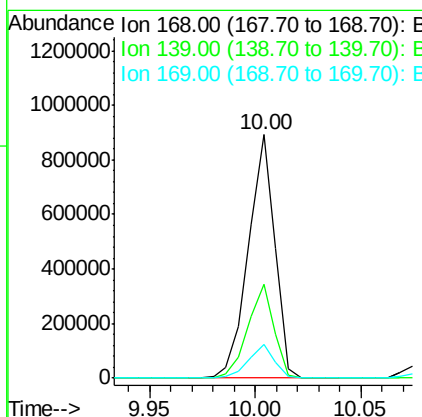
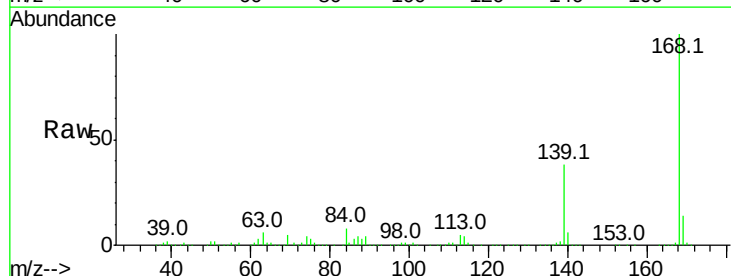
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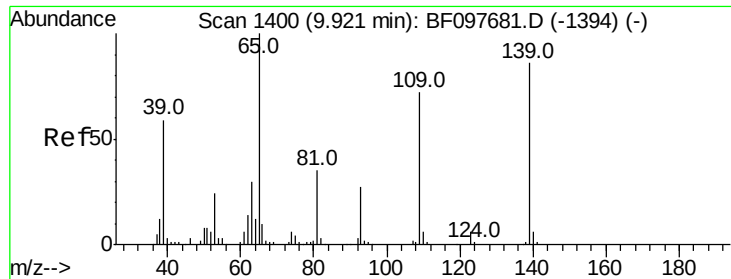
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#54
 Dibenzofuran
 Concen: 32.649 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.5	30.6	45.8	
169	13.6	10.8	16.2	





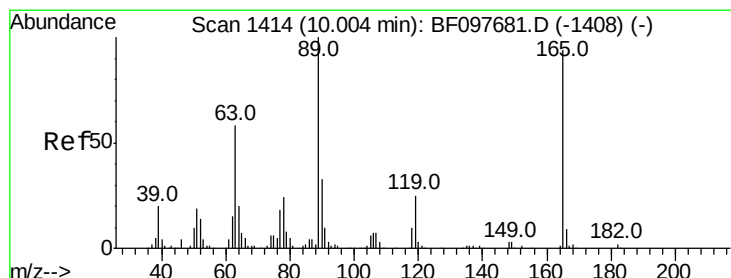
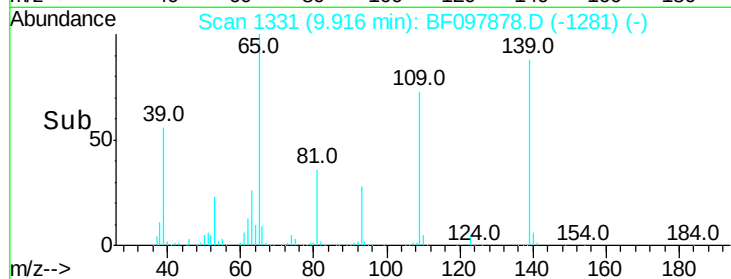
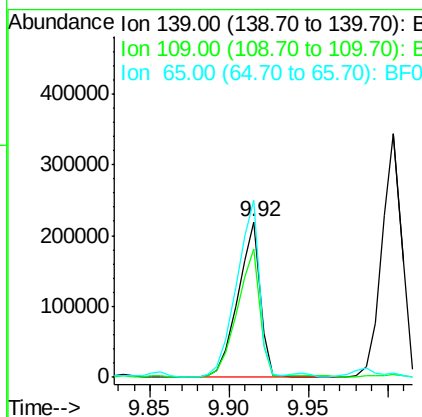
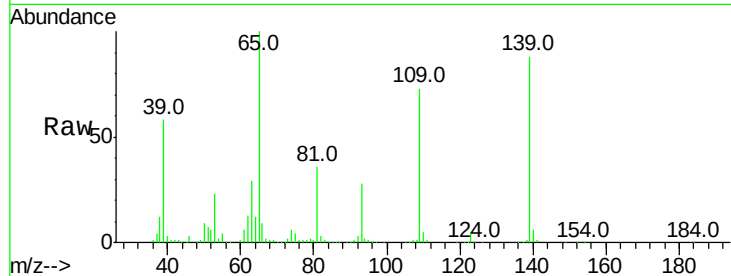
#55
4-Nitrophenol
Concen: 53.906 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	82.6	34.1	74.1#	
65	113.5	31.4	71.4#	

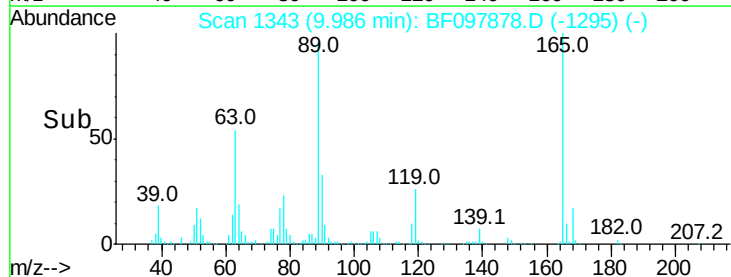
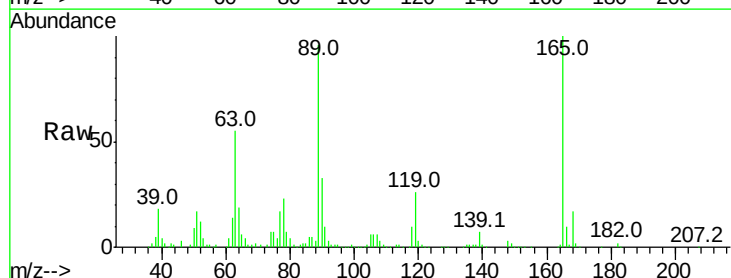
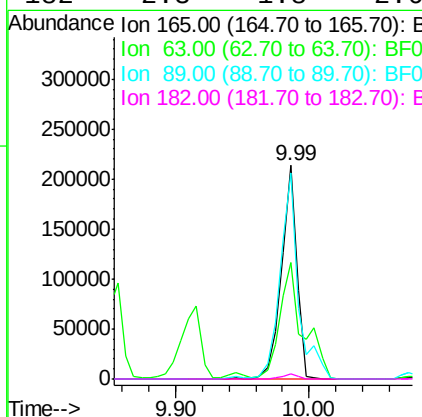
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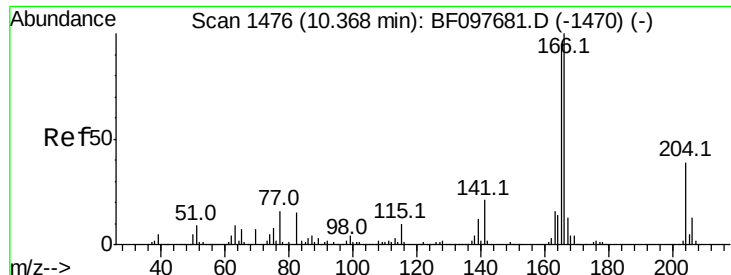
Sohil
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#56
2,4-Dinitrotoluene
Concen: 36.218 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.6	25.4	38.0#	
89	96.3	46.4	69.6#	
182	2.3	1.8	2.6	





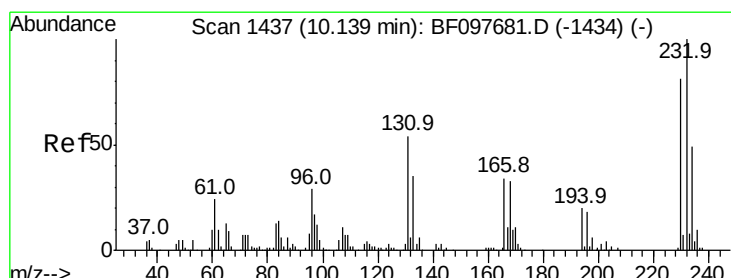
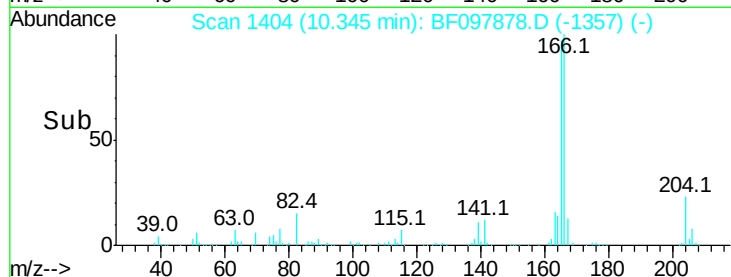
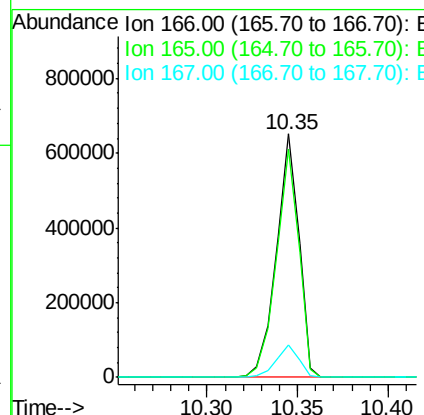
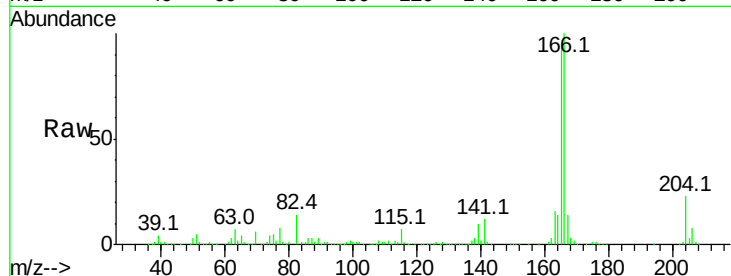
#57
Fluorene
 Concen: 30.465 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	558570		
165	94.0		78.8	118.2
167	13.5		10.6	16.0

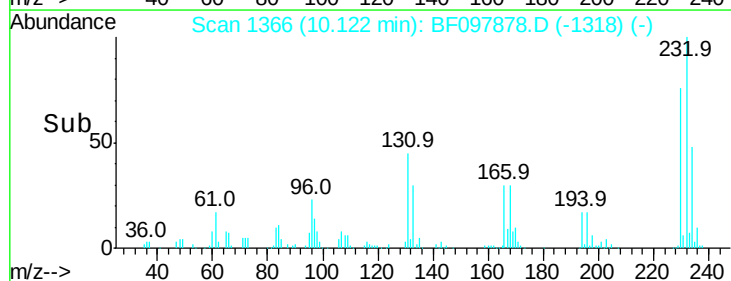
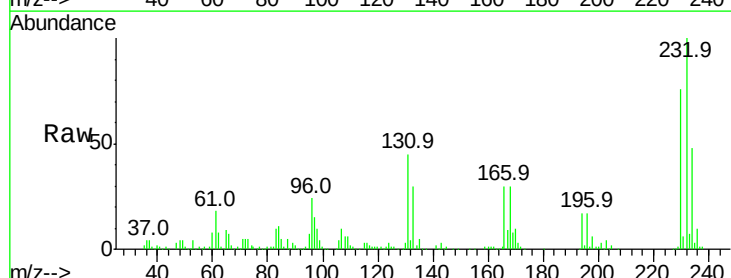
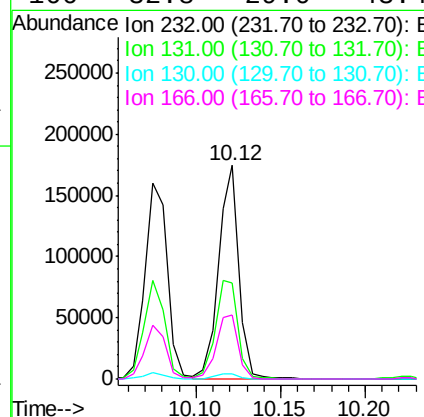
Manual Integrations
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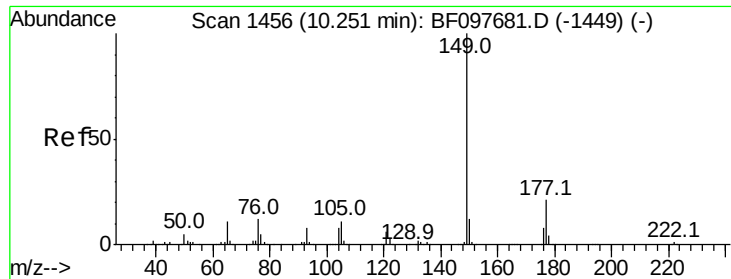
Sohil
 8/21/2017 5:19:54 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.127 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	147405		
131	52.0		44.8	67.2
130	2.7		2.3	3.5
166	32.8		29.0	43.4





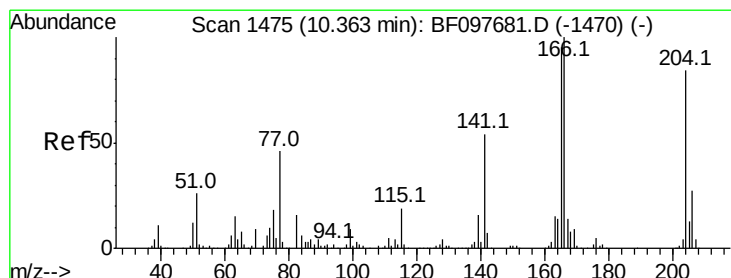
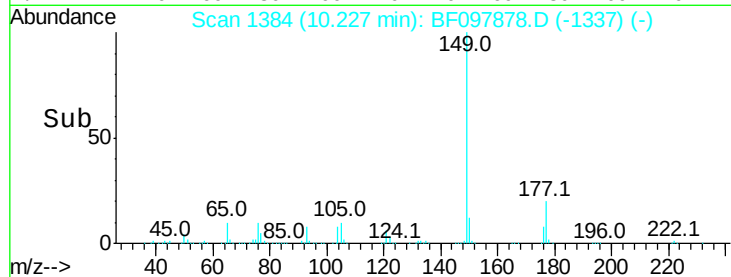
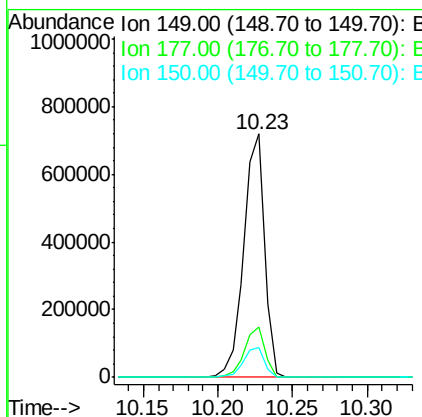
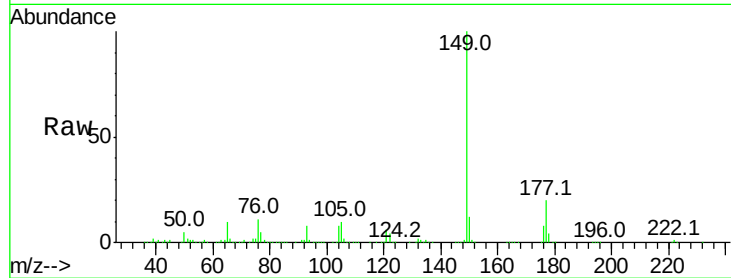
#59
Diethylphthalate
Concen: 34.341 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Instrument :
BNA_F
ClientSampled :
PI-2(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	696033		
177	20.5	16.7	25.1	
150	12.3	10.2	15.2	

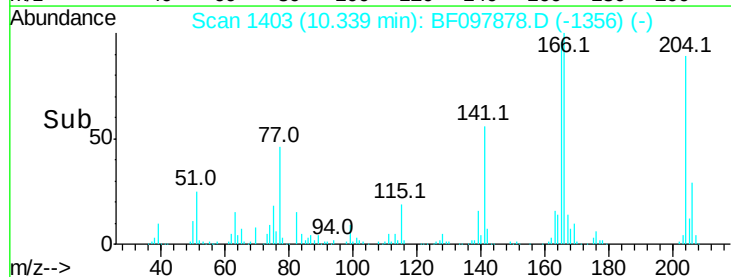
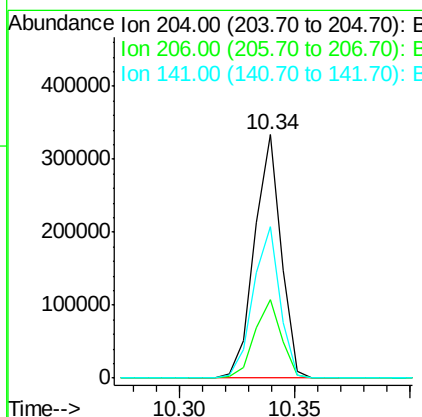
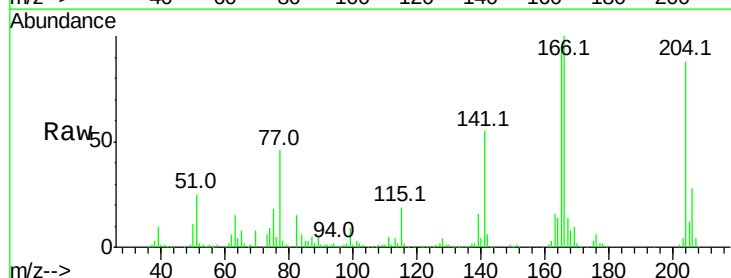
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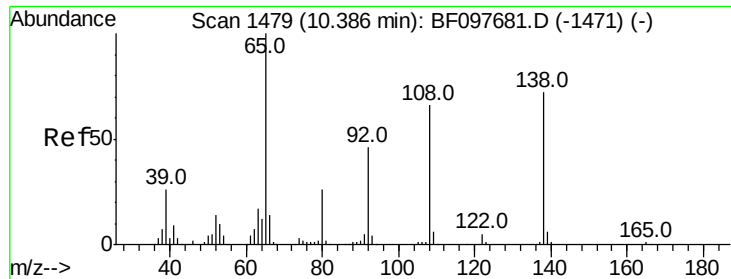
Sohil
8/21/2017 5:19:54 PM



#60
4-Chlorophenyl-phenylether
Concen: 31.599 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	269148		
206	32.2	26.2	39.2	
141	62.5	60.8	91.2	





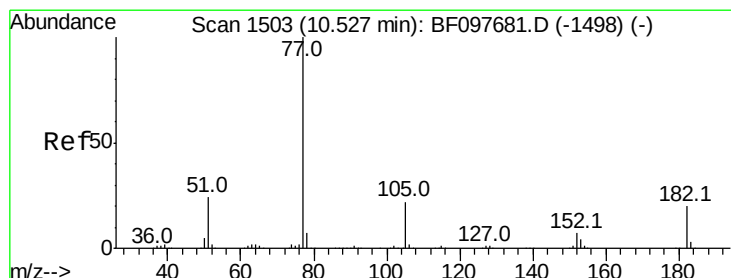
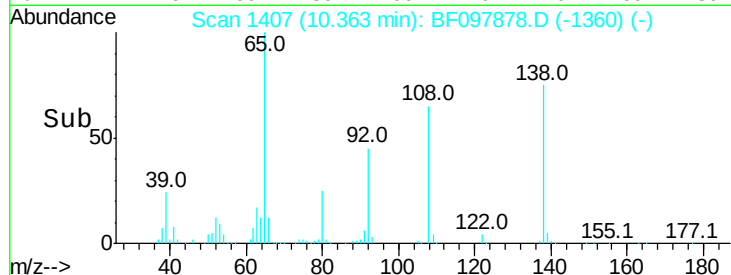
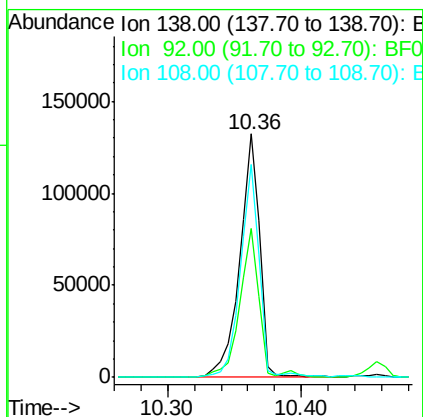
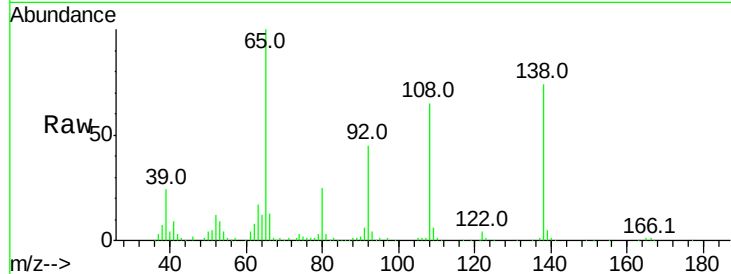
#61
4-Nitroaniline
Concen: 28.961 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	137392		
92	61.2	21.8	61.8	
108	87.7	42.3	82.3	

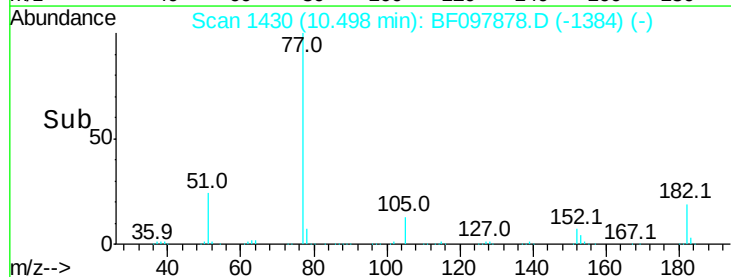
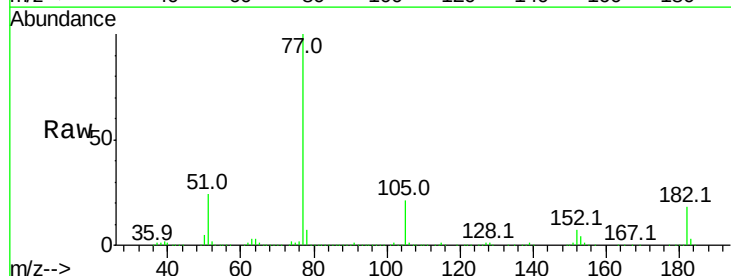
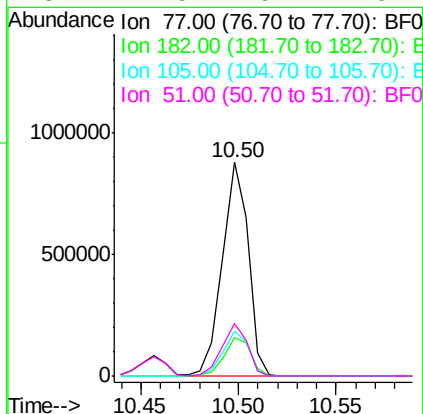
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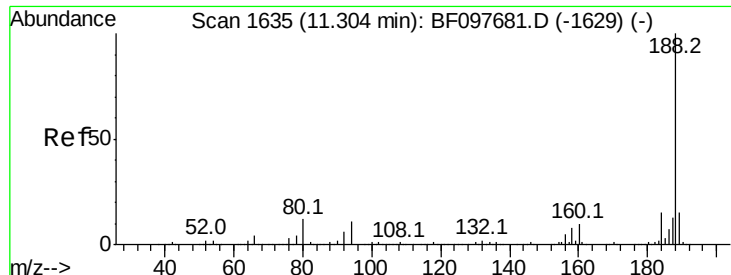
Sohil
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#62
Azobenzene
Concen: 33.609 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	809169		
182	17.7	0.1	40.1	
105	21.0	3.6	43.6	
51	24.5	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Instrument :

BNA_F

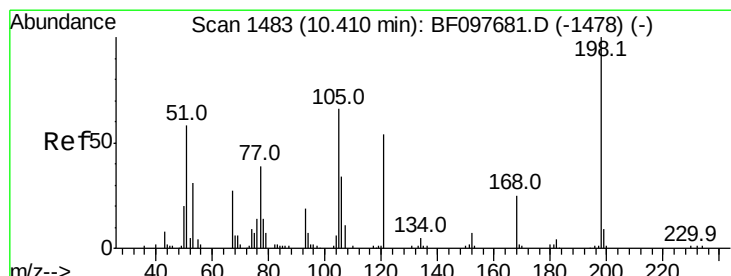
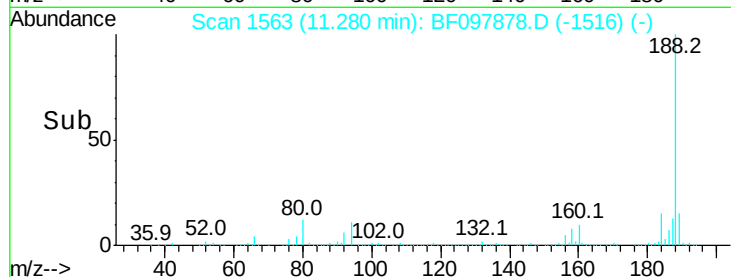
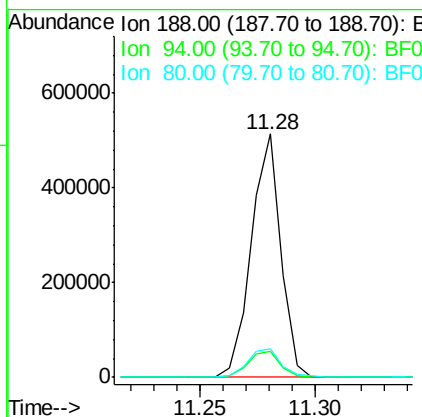
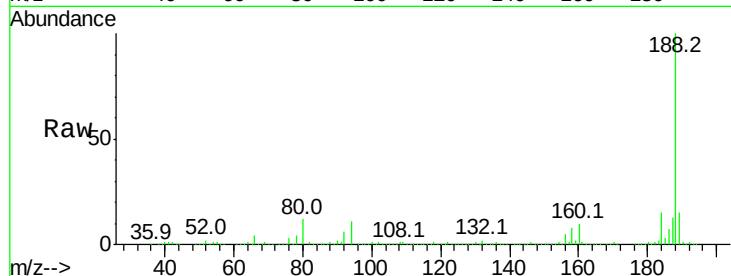
ClientSampleId :

PI-2(3)MS

Tot Ion:	188	Resp:	459066
Ion Ratio	Lower	Upper	
188	100		
94	10.9	9.4	14.2
80	11.8	10.2	15.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 33.438 ng

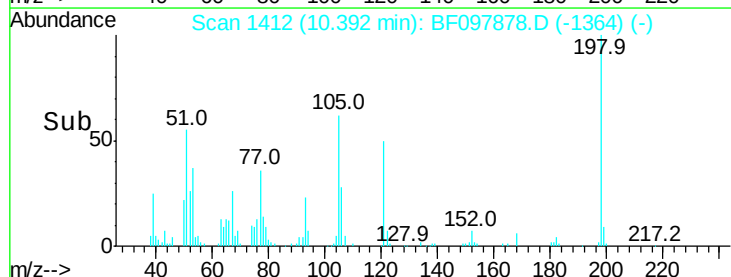
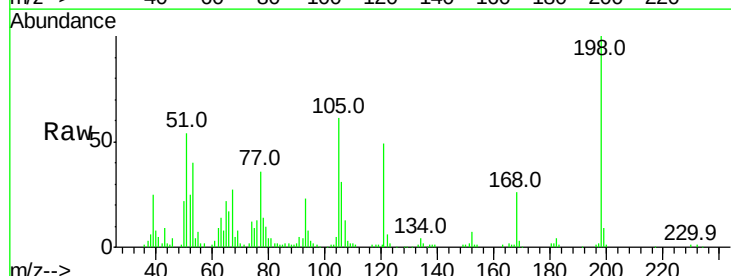
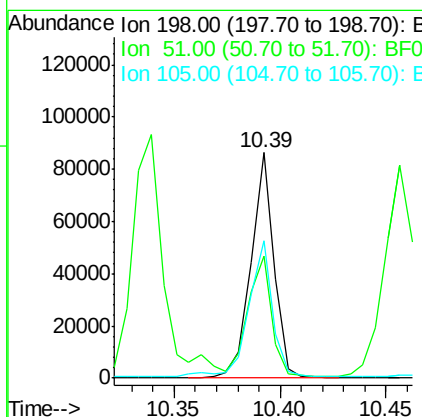
RT: 10.39 min Scan# 1412

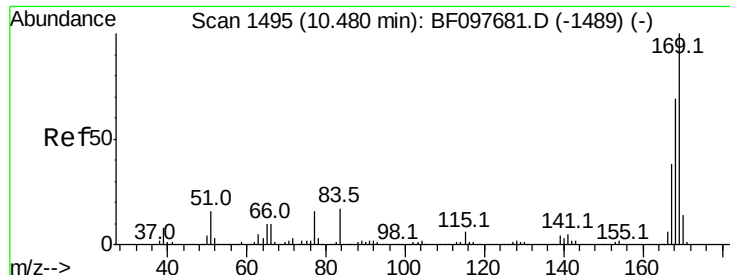
Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Tgt Ion:	198	Resp:	65729
Ion Ratio	Lower	Upper	
198	100		
51	53.9	53.2	93.2
105	60.9	45.8	85.8





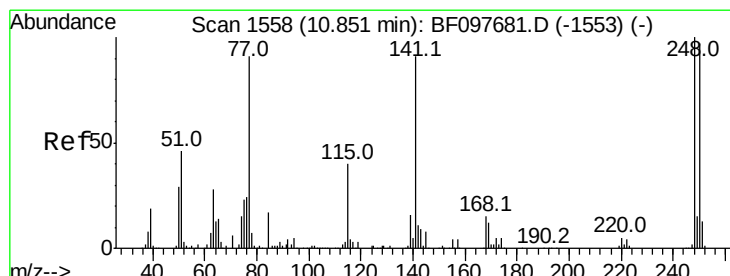
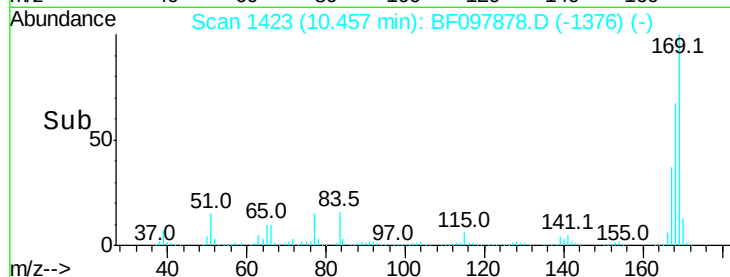
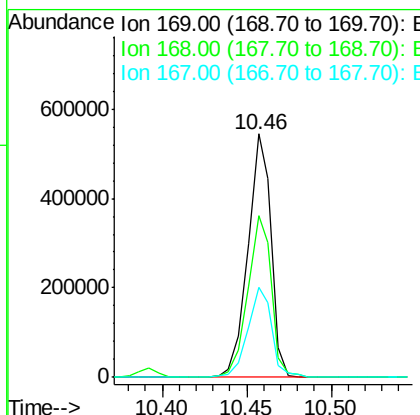
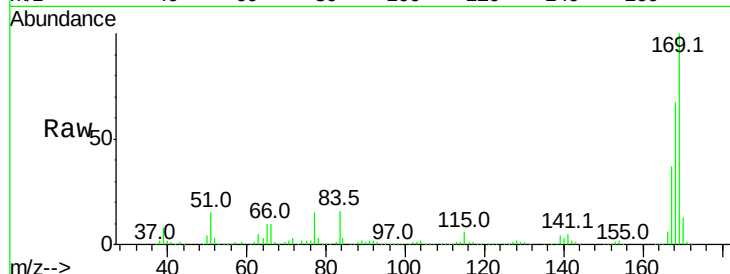
#65
 n-Nitrosodiphenylamine
 Concen: 33.349 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	521326		
168	66.6	53.2	79.8	
167	37.1	29.5	44.3	

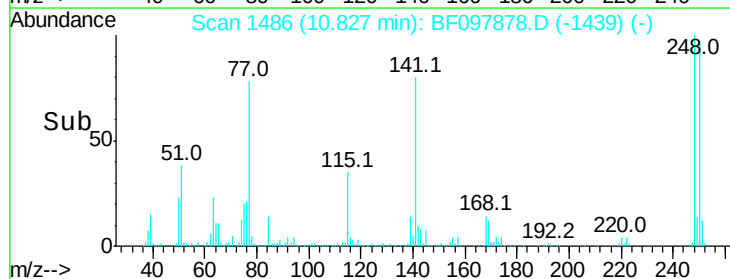
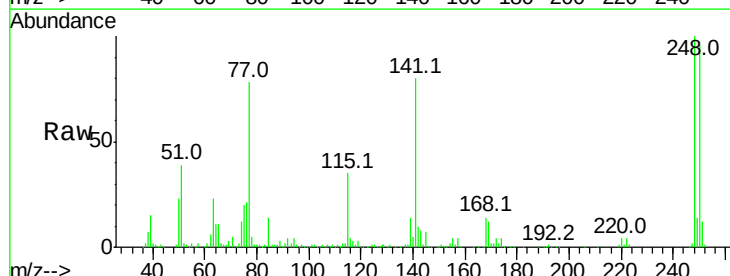
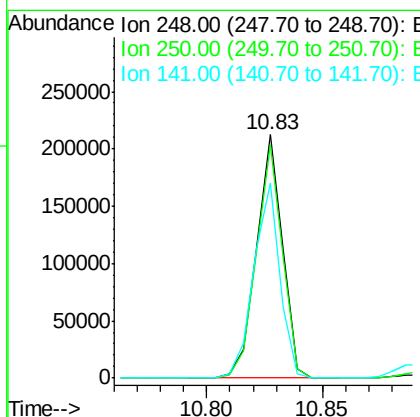
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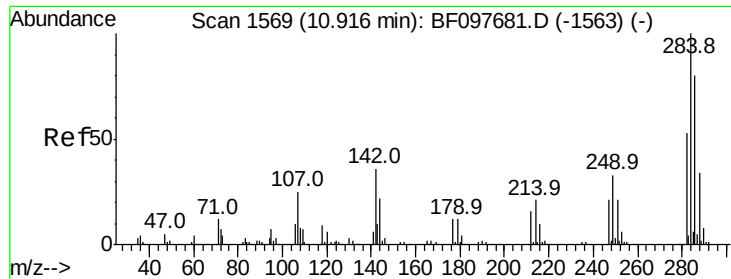
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#66
 4-Bromophenyl-phenylether
 Concen: 35.055 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	167113		
250	96.1	76.8	115.2	
141	80.3	68.6	103.0	





#67

Hexachlorobenzene

Concen: 31.311 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Instrument :

BNA_F

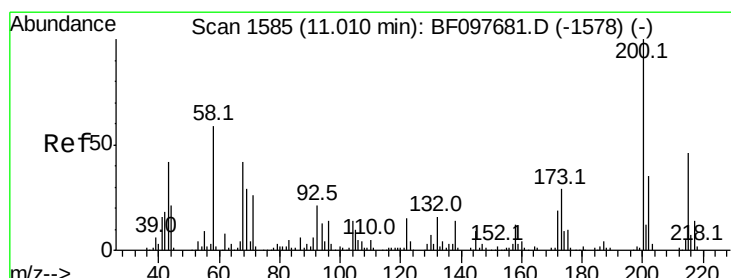
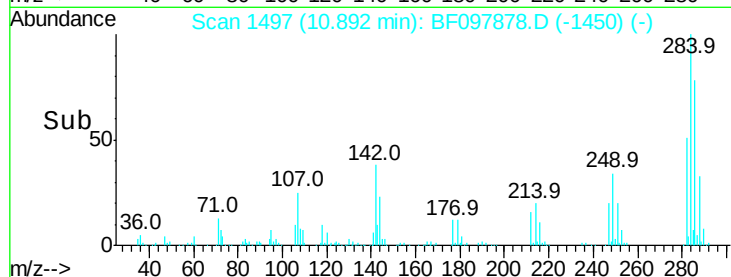
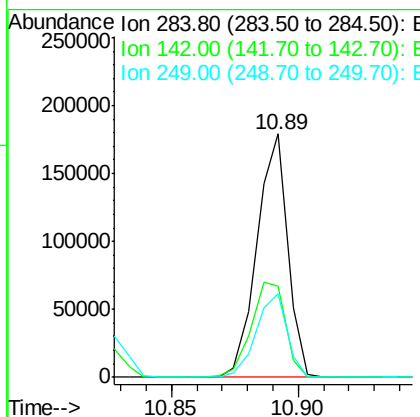
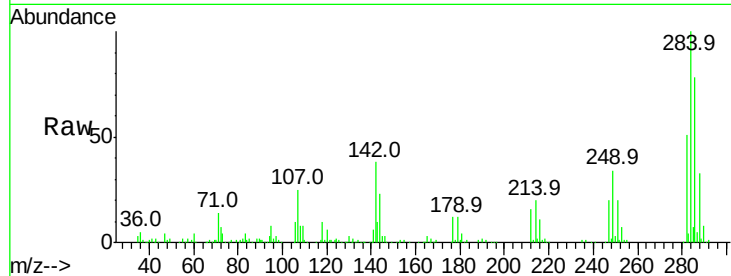
ClientSampleId :

PI-2(3)MS

Tot Ion:	284	Resp:	152137
Ion Ratio		Lower	Upper
284	100		
142	37.7	22.8	34.2#
249	34.2	24.0	36.0

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#68

Atrazine

Concen: 36.992 ng

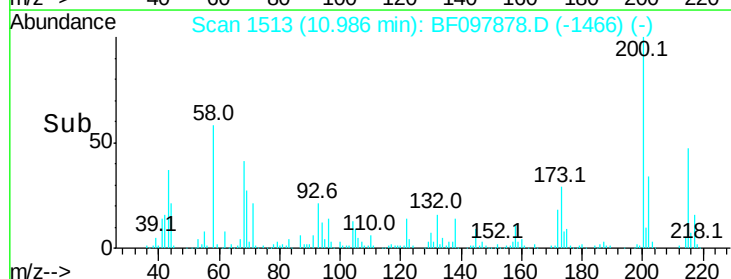
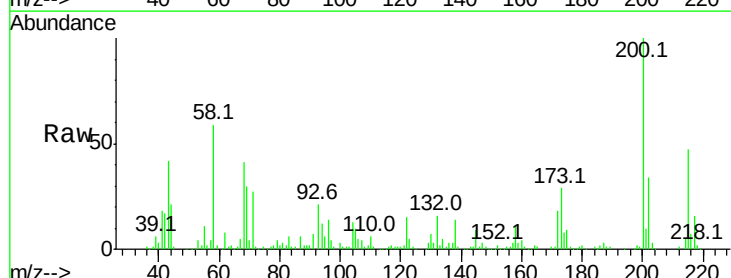
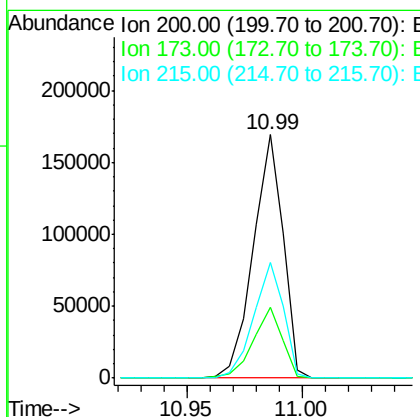
RT: 10.99 min Scan# 1513

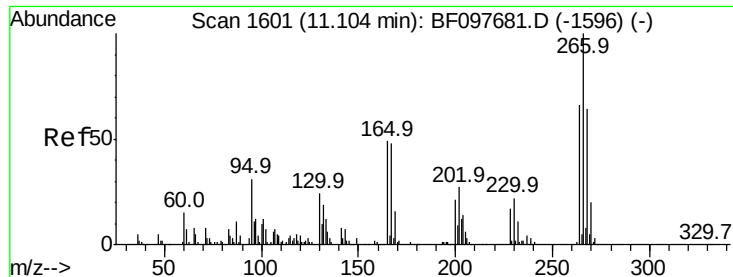
Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Tgt Ion:	200	Resp:	153358
Ion Ratio		Lower	Upper
200	100		
173	29.1	6.3	46.3
215	47.2	27.2	67.2





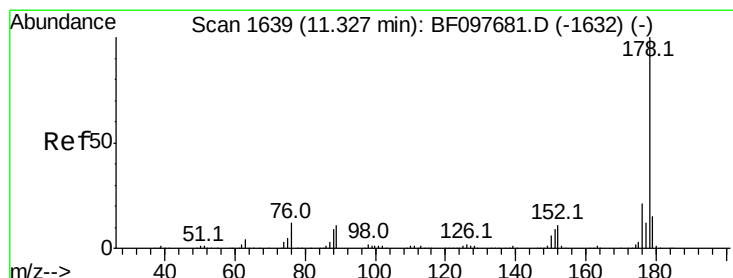
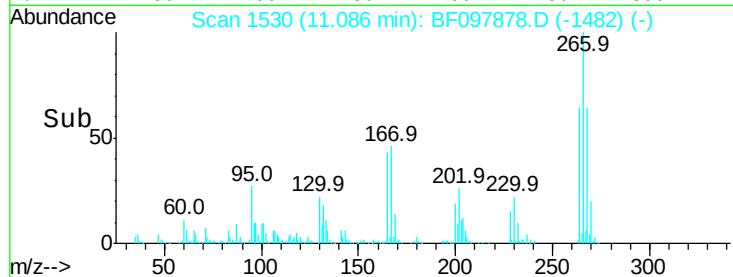
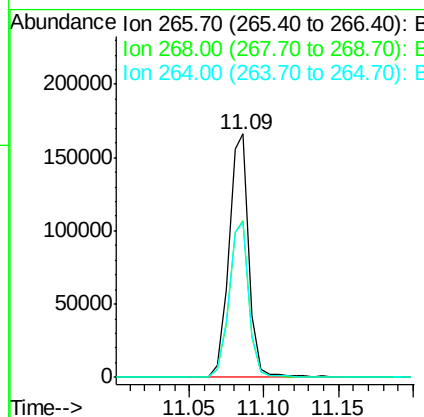
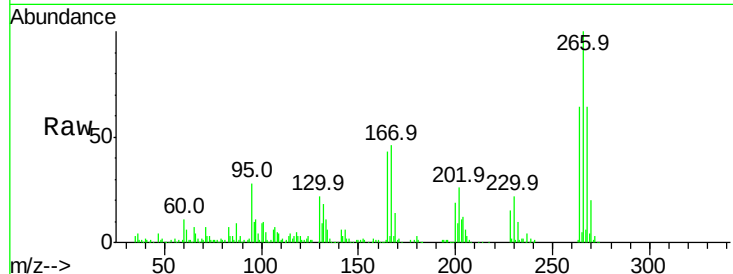
#69
 Pentachlorophenol
 Concen: 55.676 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	157732		
268	64.2	51.1	76.7	
264	63.9	51.7	77.5	

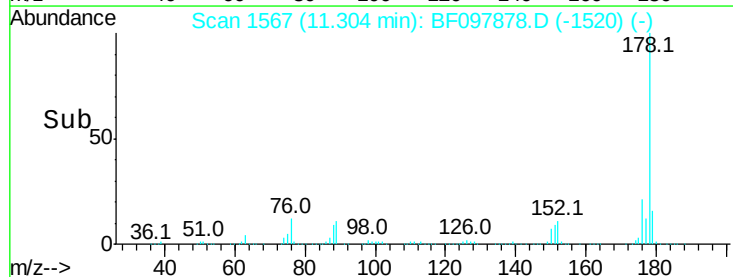
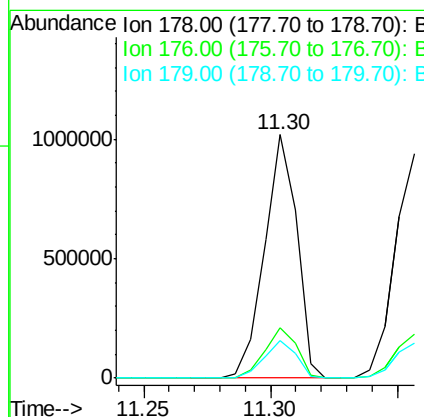
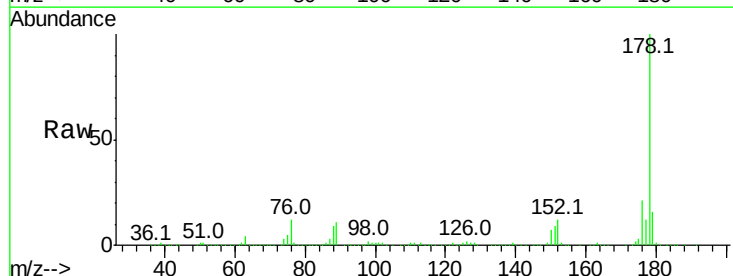
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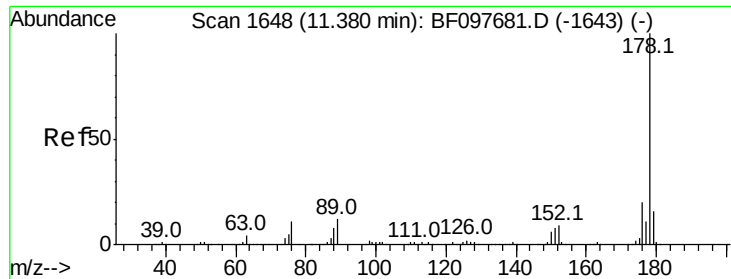
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#70
 Phenanthrene
 Concen: 36.849 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	901424		
176	20.7	16.2	24.4	
179	15.6	12.6	19.0	





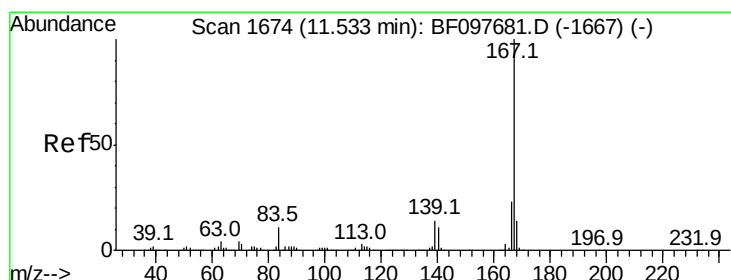
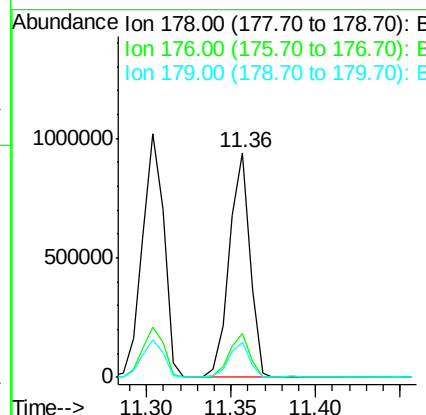
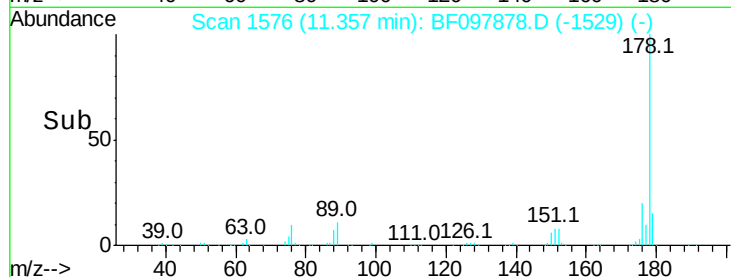
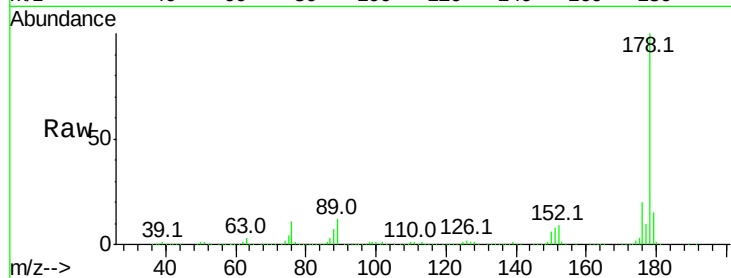
#71
 Anthracene
 Concen: 32.131 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampled :
 PI-2(3)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	12.7	19.1

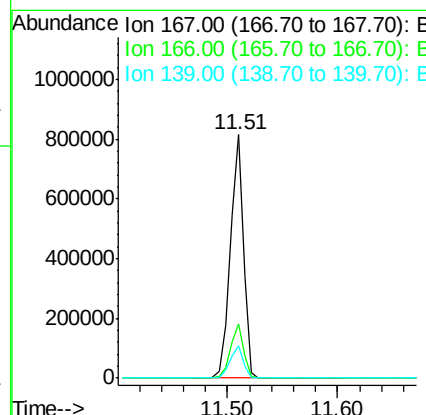
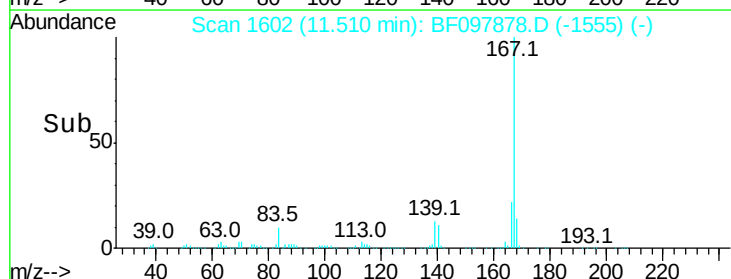
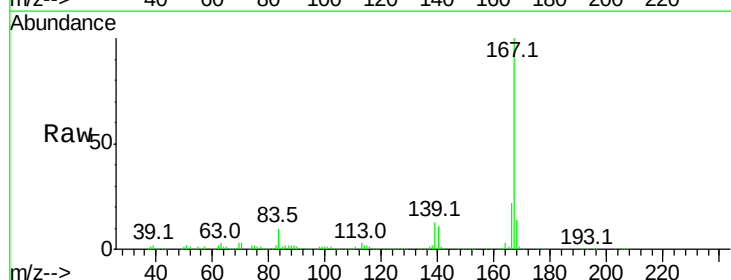
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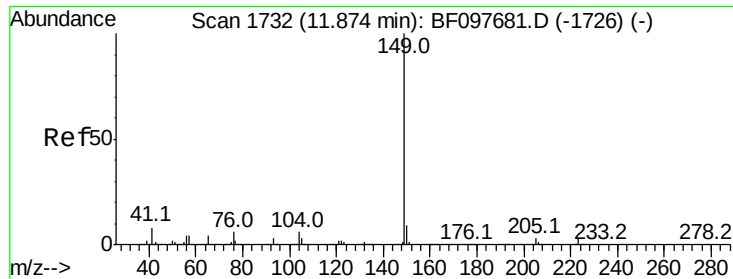
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#72
 Carbazole
 Concen: 29.232 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.4	11.7	17.5





#73

Di-n-butylphthalate

Concen: 37.625 ng

RT: 11.84 min Scan# 1659

Delta R.T. -0.03 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Instrument :

BNA_F

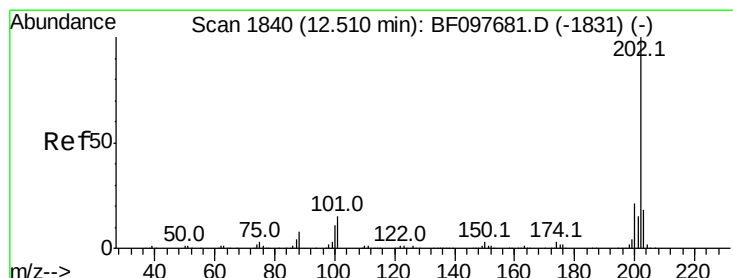
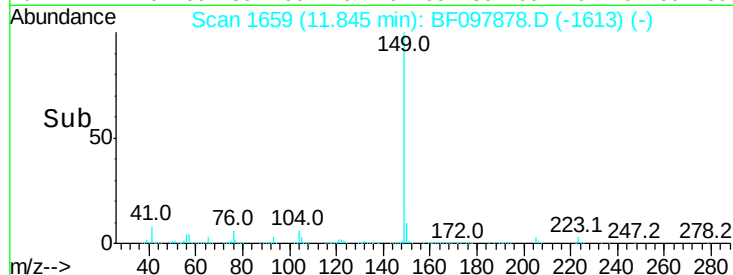
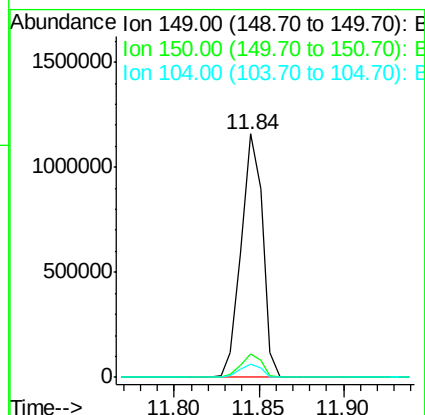
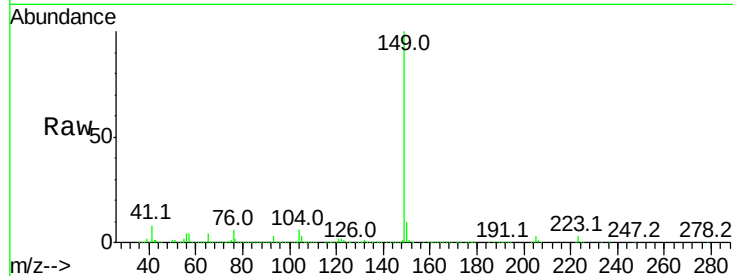
ClientSampleId :

PI-2(3)MS

Tot Ion:	149	Resp:	1020669
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.6	4.0	6.0

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#74

Fluoranthene

Concen: 35.566 ng

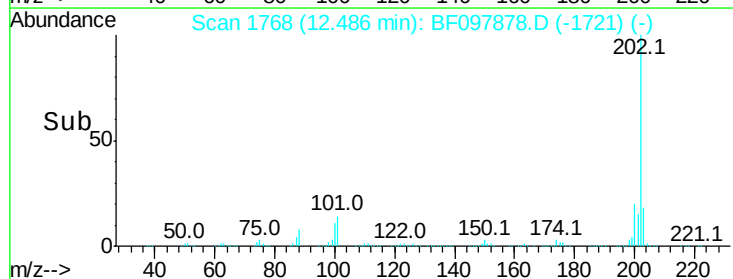
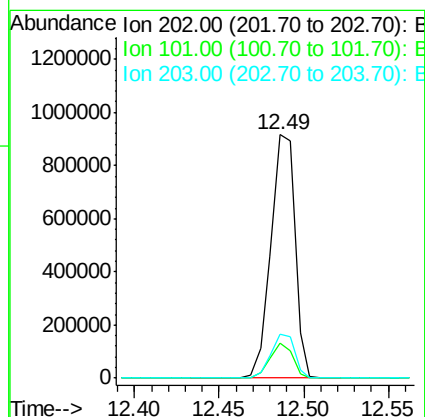
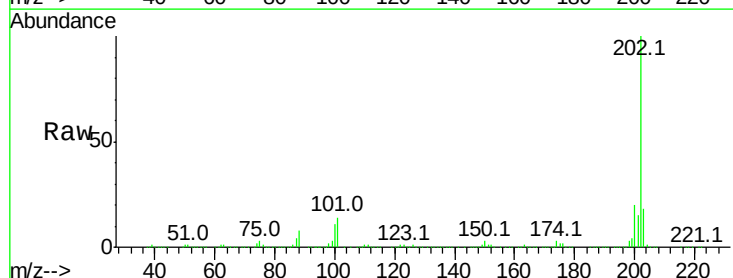
RT: 12.49 min Scan# 1768

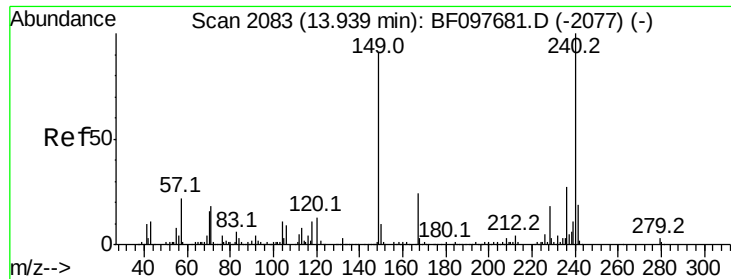
Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Tgt Ion:	202	Resp:	908101
Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.03 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Instrument :

BNA_F

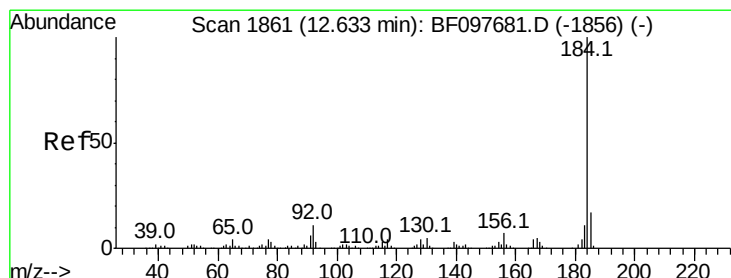
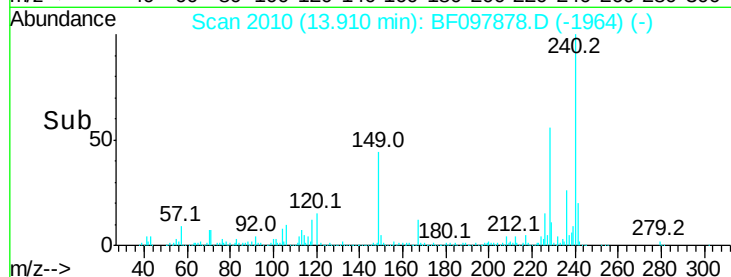
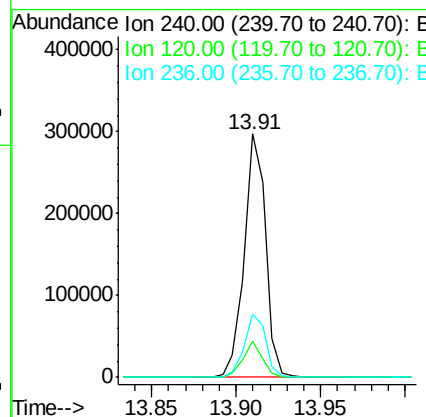
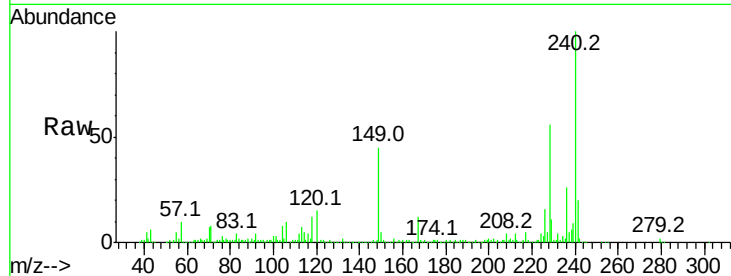
ClientSampleId :

PI-2(3)MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	25.7	20.5	30.7

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#76

Benzidine

Concen: 16.600 ng m

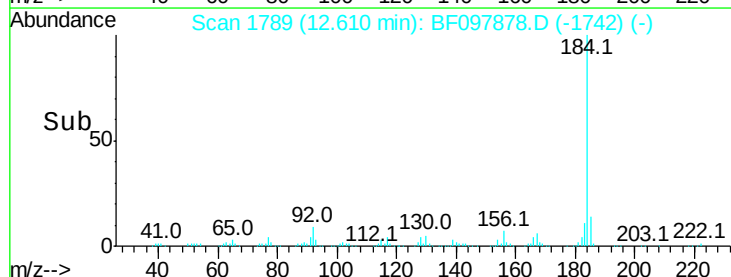
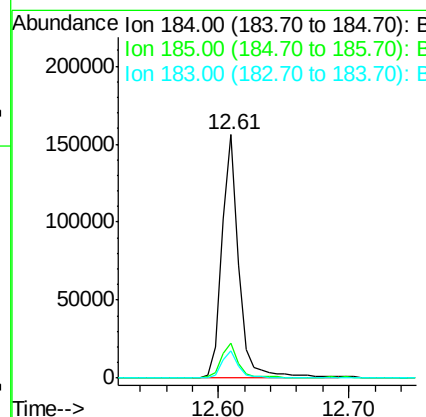
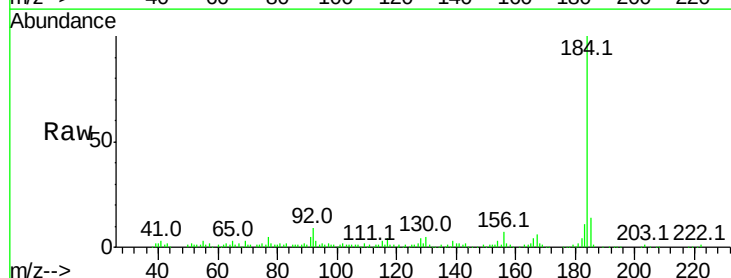
RT: 12.61 min Scan# 1789

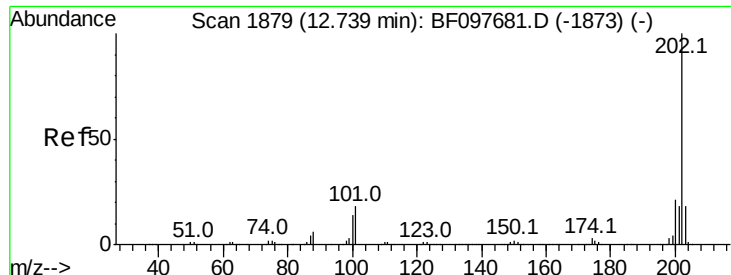
Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	15.5	23.3#
183	11.0	9.8	14.6





#77

Pvrene

Concen: 40.218 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Instrument :

BNA_F

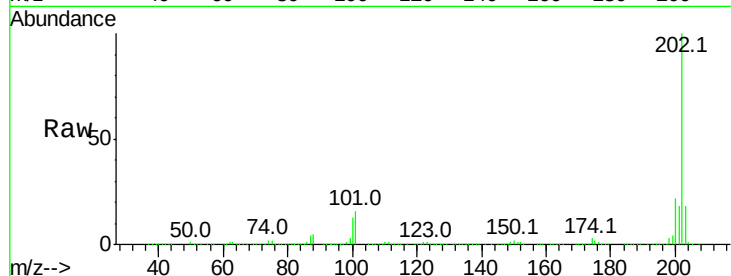
ClientSampleId :

PI-2(3)MS

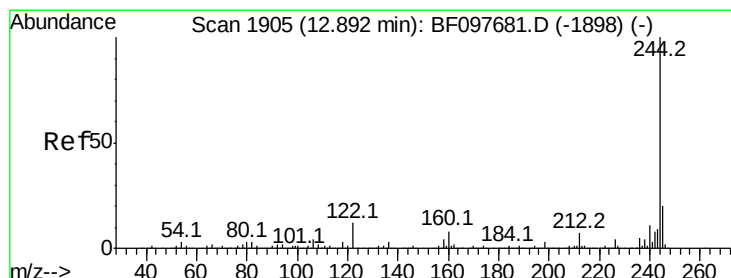
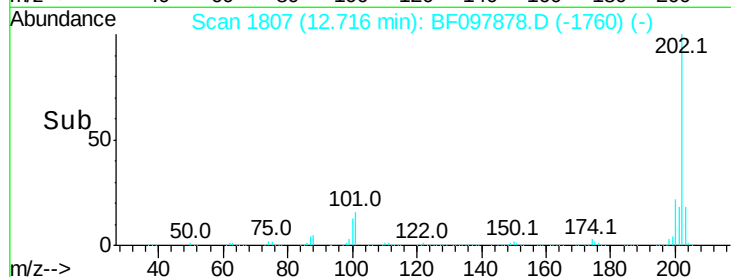
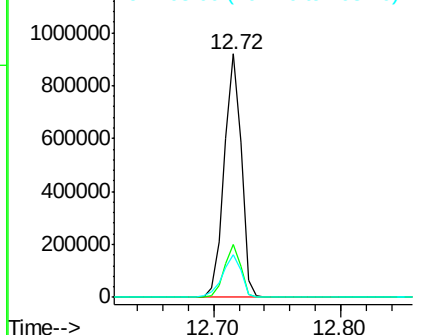
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.6	14.4	21.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.350 ng

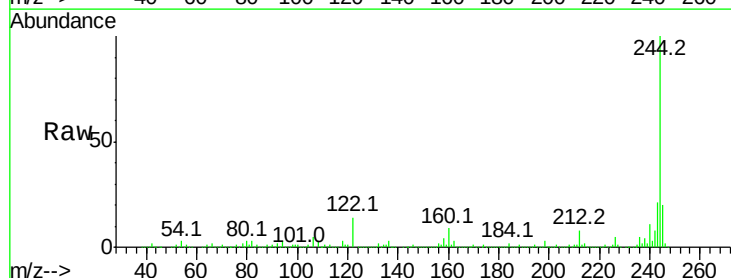
RT: 12.86 min Scan# 1832

Delta R.T. -0.03 min

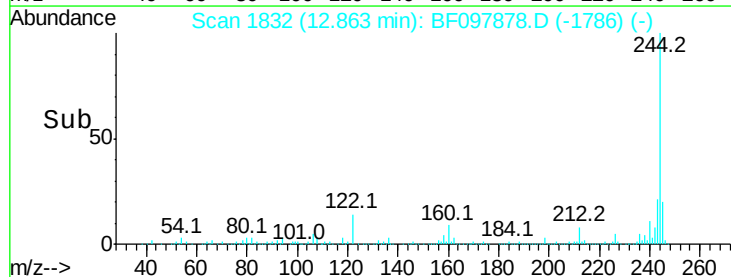
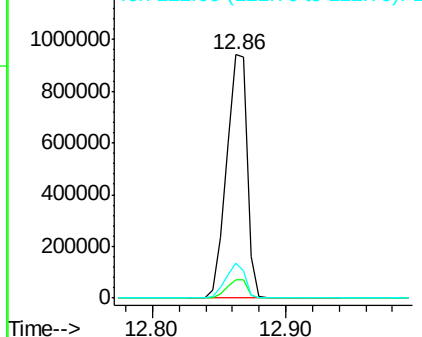
Lab File: BF097878.D

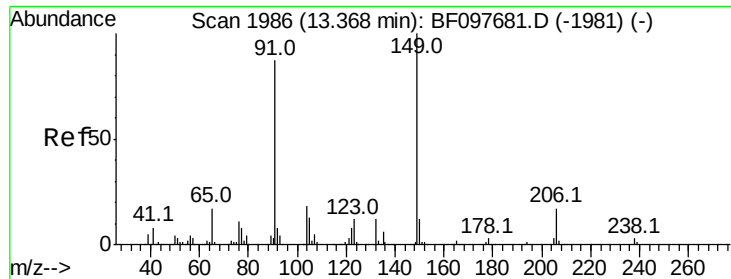
Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.2	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.173 ng

RT: 13.34 min Scan# 1913

Delta R.T. -0.03 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Instrument :

BNA_F

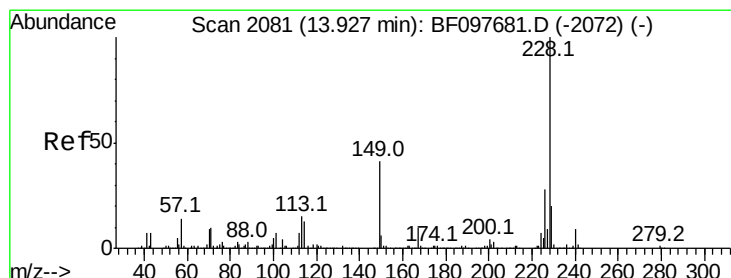
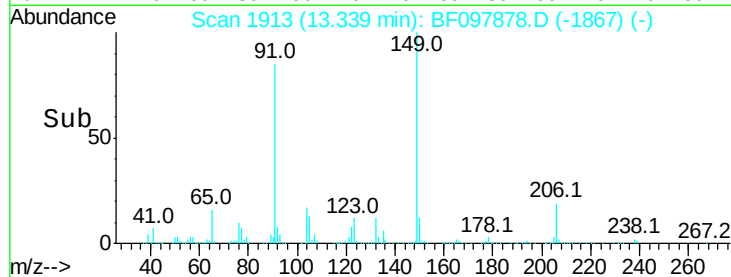
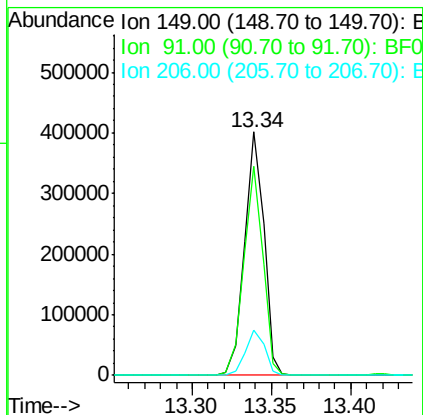
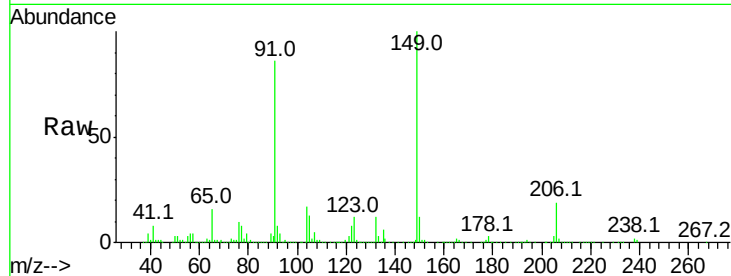
ClientSampled :

PI-2(3)MS

Tot Ion:	149	Resp:	337099
Ion Ratio	Lower	Upper	
149	100		
91	85.6	45.0	67.4#
206	18.8	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 34.485 ng

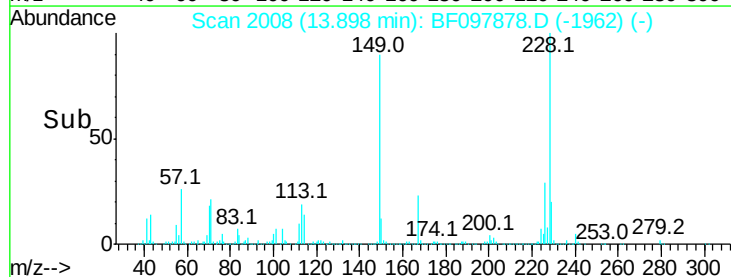
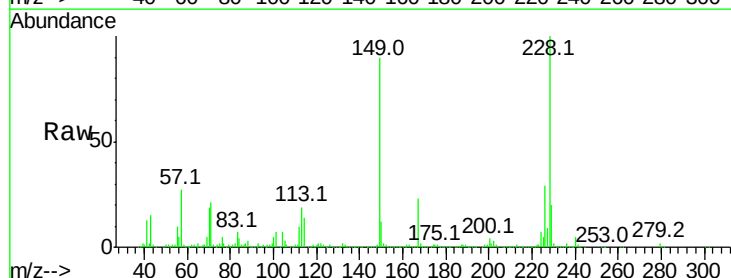
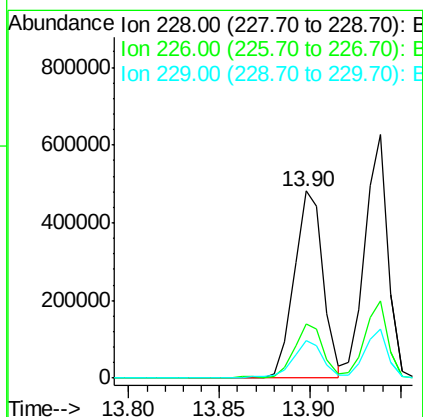
RT: 13.90 min Scan# 2008

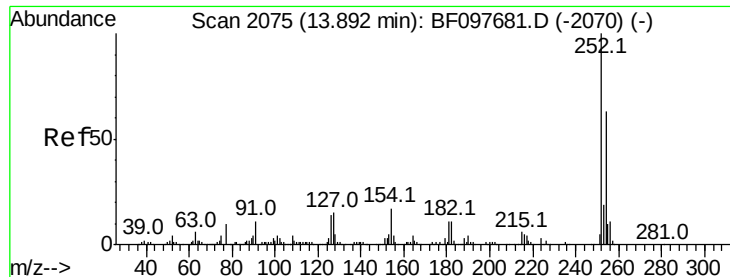
Delta R.T. -0.03 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Tgt Ion:	228	Resp:	539632
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.6	33.8
229	20.0	16.3	24.5





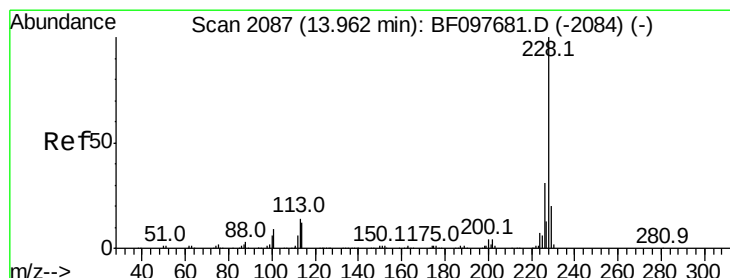
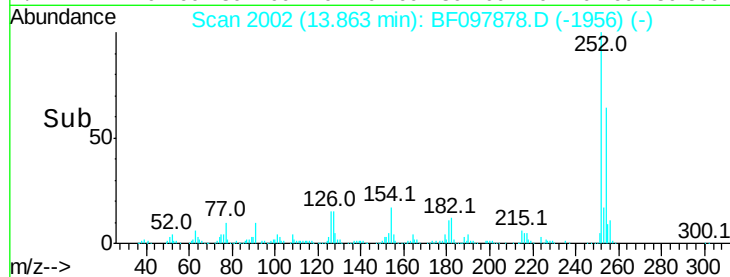
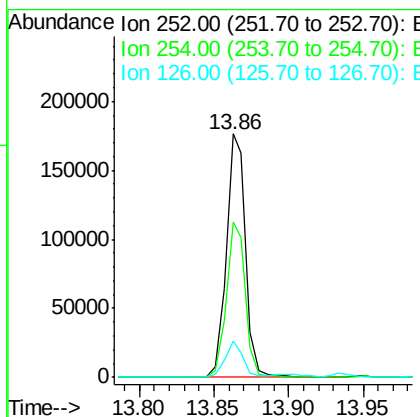
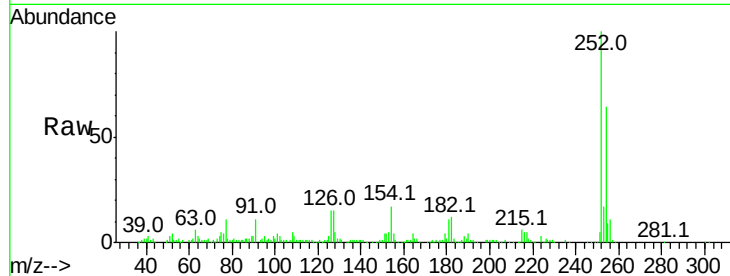
#81
 3,3'-Dichlorobenzidine
 Concen: 30.540 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.03 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.6	51.5	77.3
126	14.7	15.8	23.8

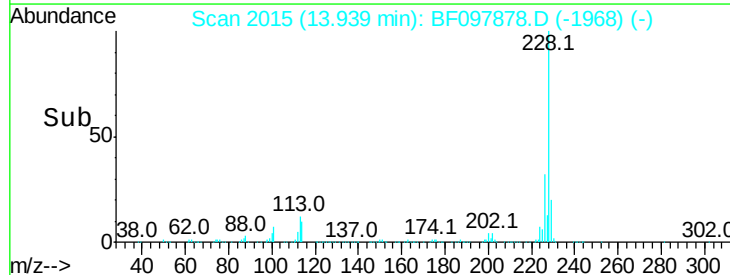
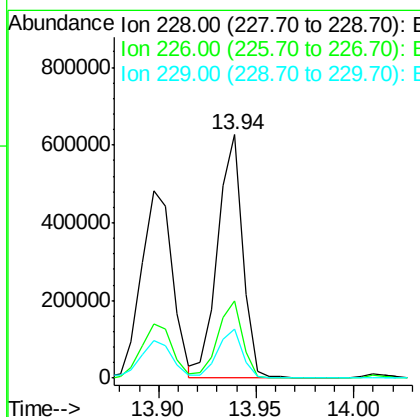
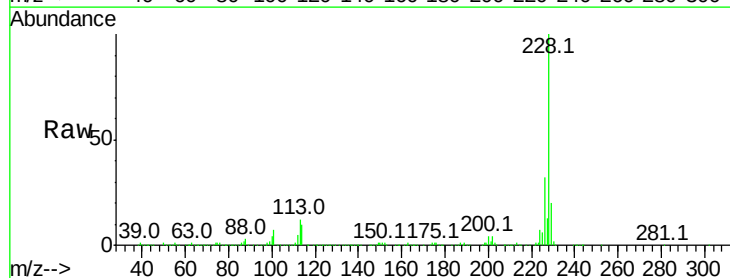
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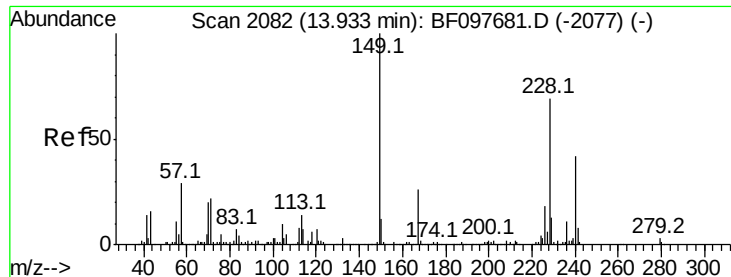
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#82
 Chrysene
 Concen: 35.797 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.02 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	24.9	37.3
229	19.9	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.507 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.03 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Instrument :

BNA_F

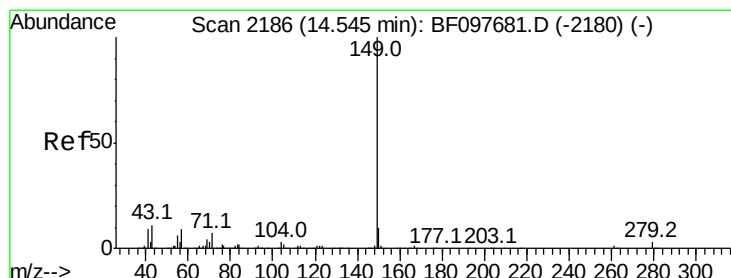
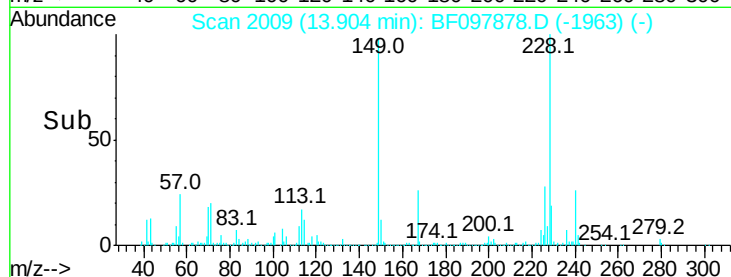
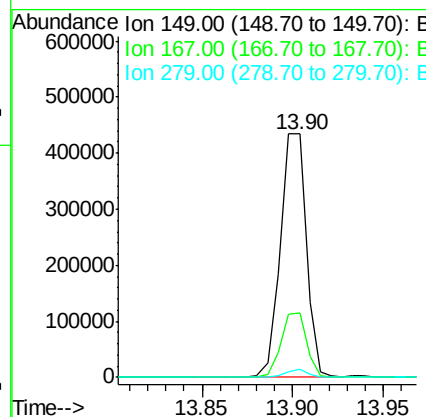
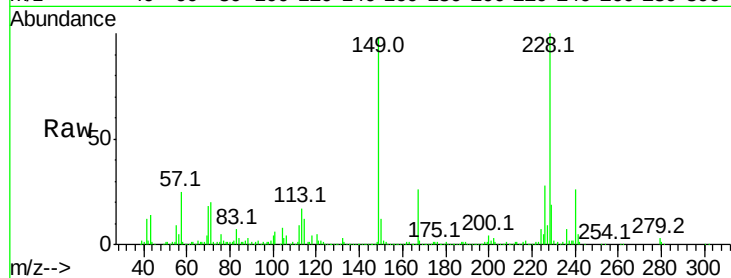
ClientSampleId :

PI-2(3)MS

Tot Ion:	149	Resp:	431001
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.0	31.4
279	3.3	1.9	2.9

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#84

Di-n-octyl phthalate

Concen: 47.759 ng

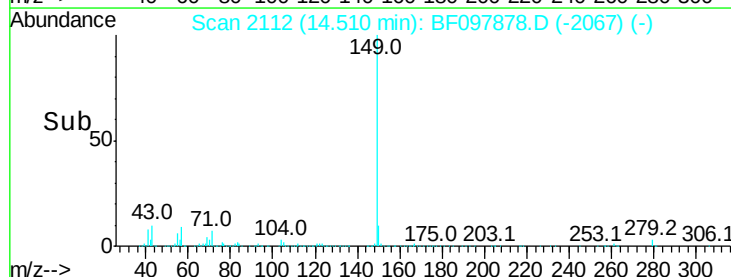
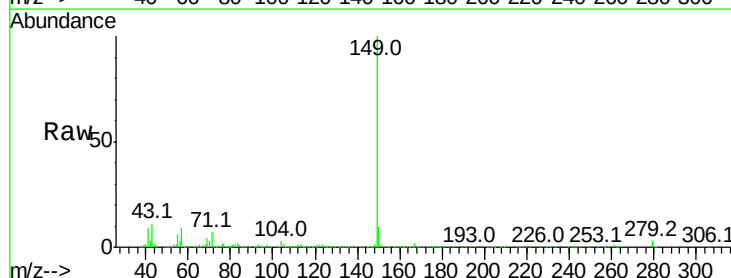
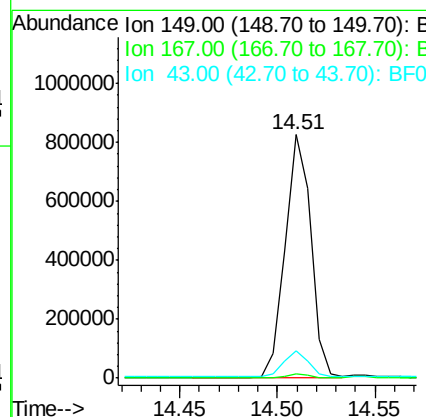
RT: 14.51 min Scan# 2112

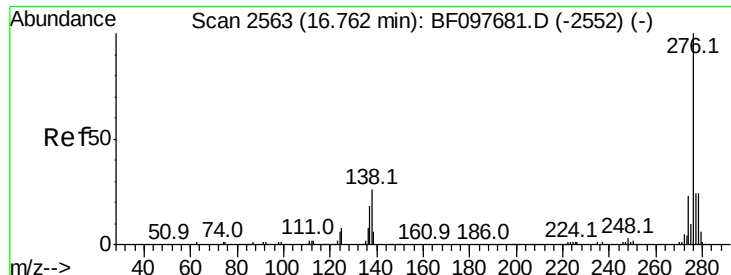
Delta R.T. -0.04 min

Lab File: BF097878.D

Acq: 19 Aug 2017 14:57

Tgt Ion:	149	Resp:	753913
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.1	8.5	12.7





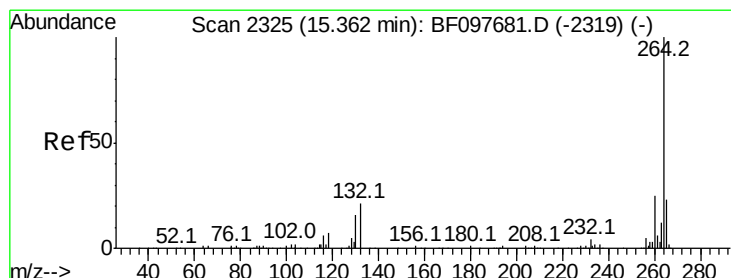
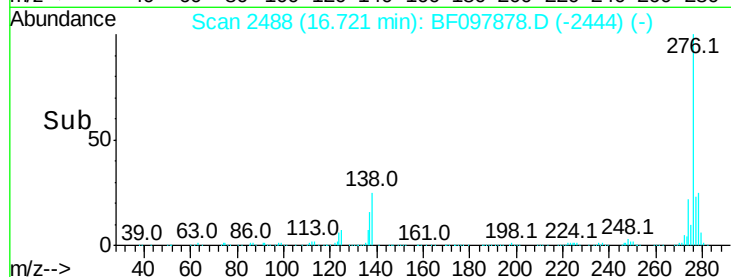
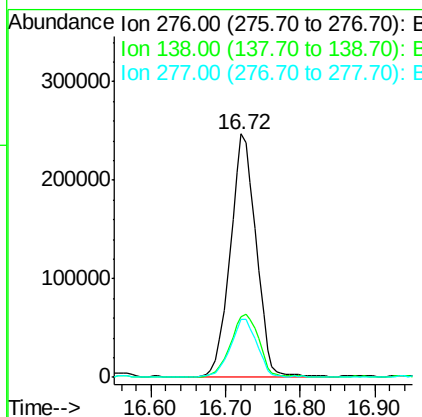
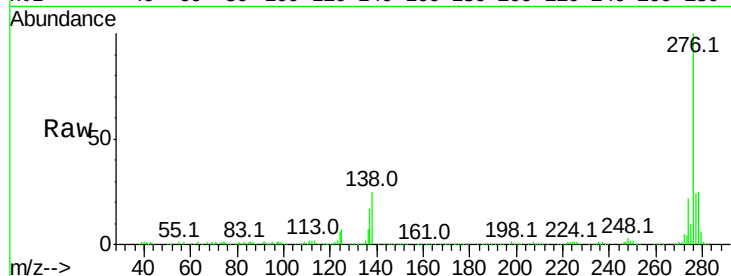
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.714 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.04 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.1	27.8	41.6
277	24.3	20.2	30.4

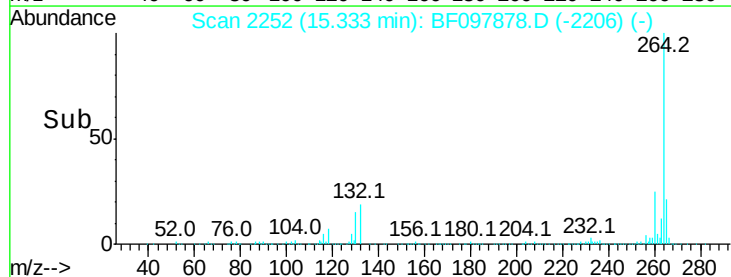
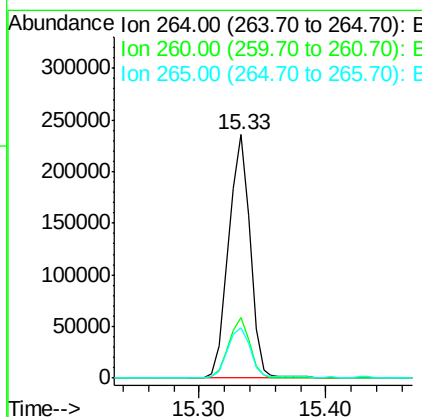
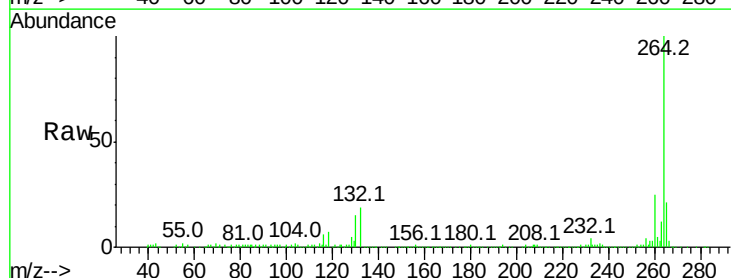
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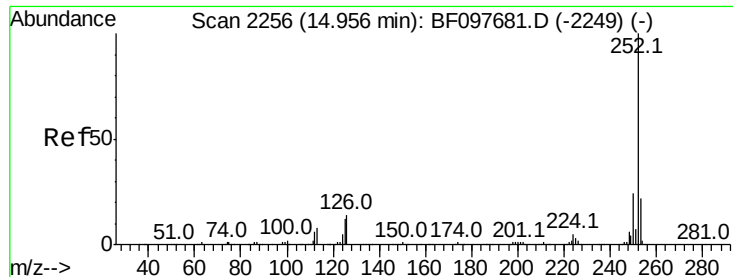
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.03 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	20.9	17.2	25.8





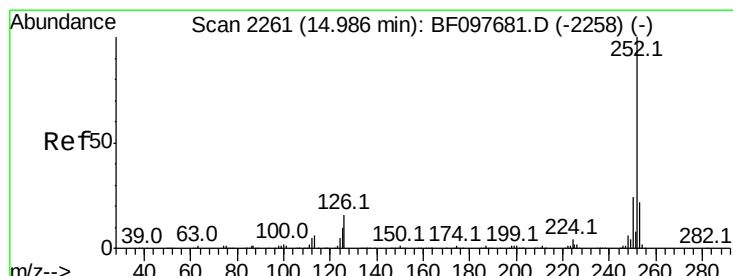
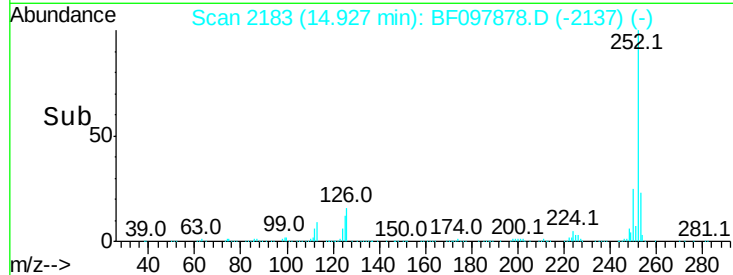
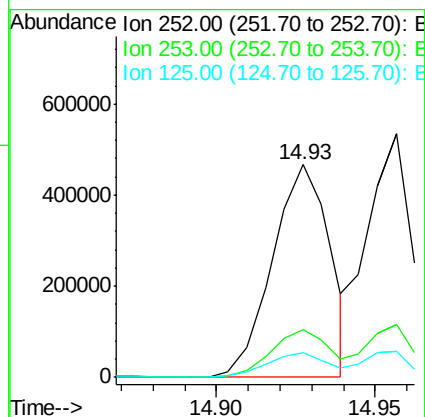
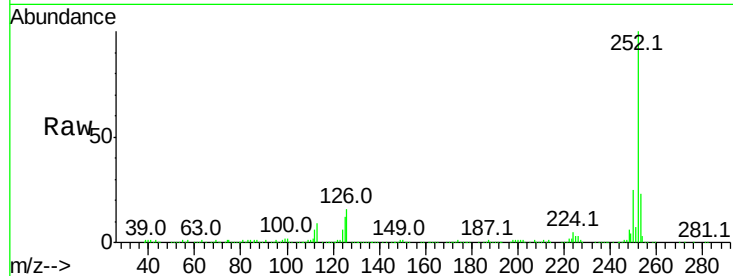
#87
Benzo(b)fluoranthene
Concen: 33.987 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.03 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	591579		
253	22.5	18.1	27.1	
125	11.8	9.8	14.8	

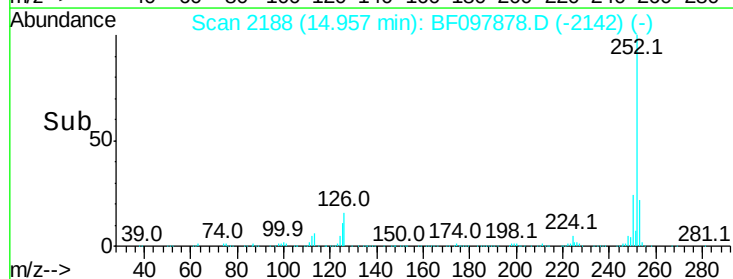
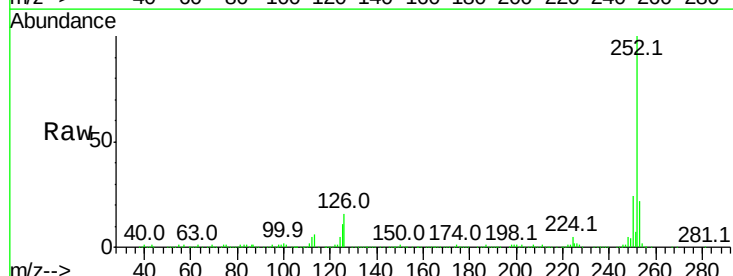
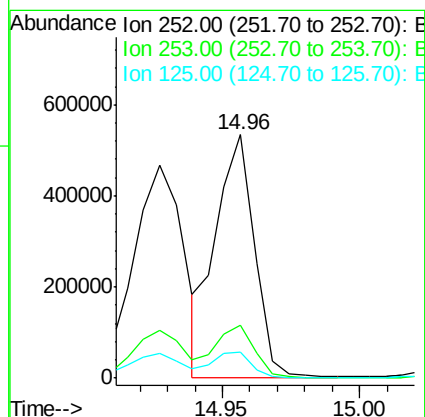
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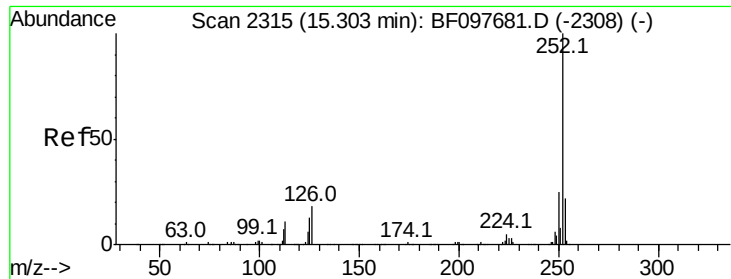
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#88
Benzo(k)fluoranthene
Concen: 32.136 ng m
RT: 14.96 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	525515		
253	21.8	18.4	27.6	
125	10.9	13.1	19.7	





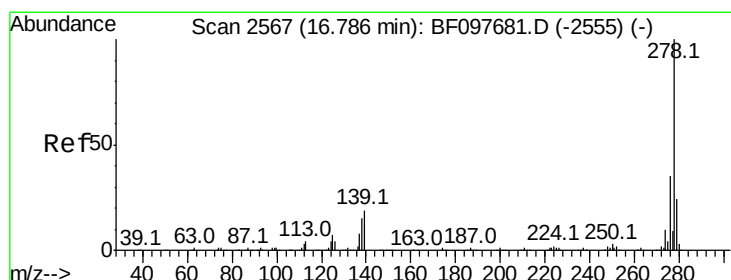
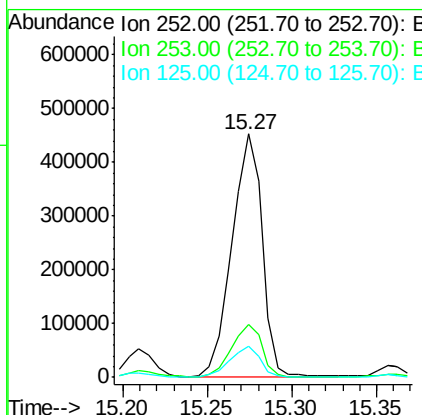
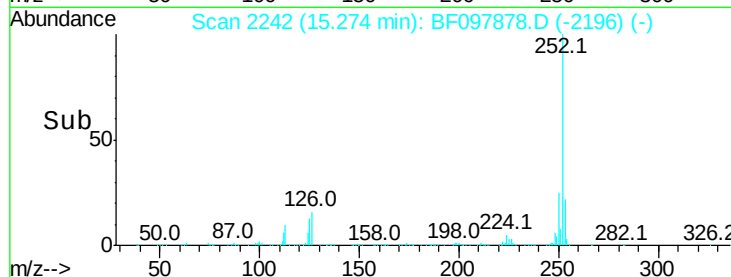
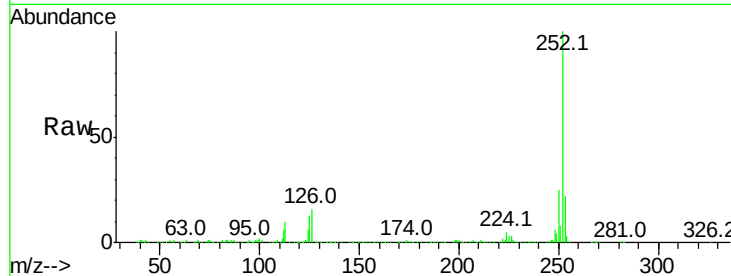
#89
Benzo(a)pyrene
Concen: 36.699 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.03 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.5	26.3
125	12.8	11.0	16.4

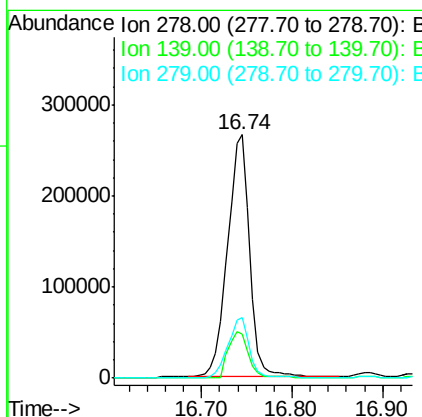
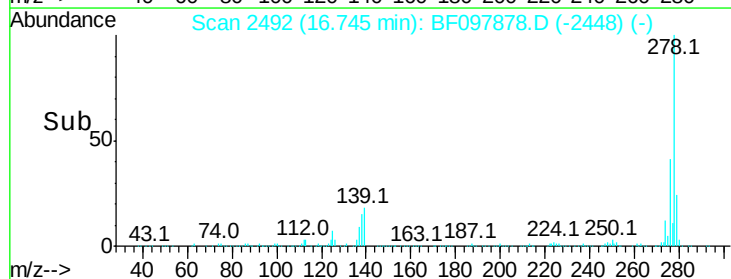
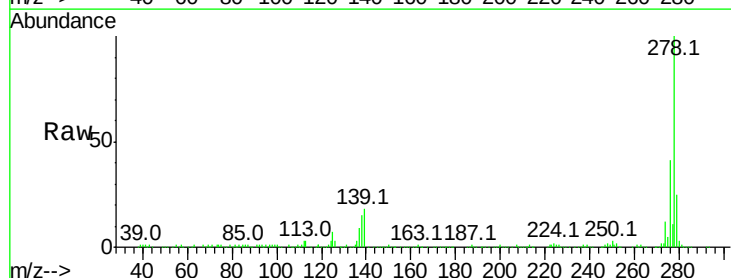
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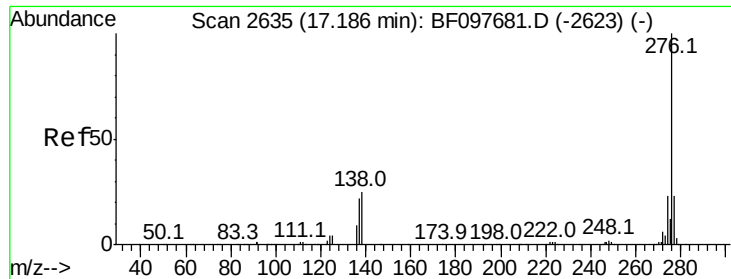
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#90
Dibenzo(a,h)anthracene
Concen: 35.952 ng
RT: 16.74 min Scan# 2492
Delta R.T. -0.04 min
Lab File: BF097878.D
Acq: 19 Aug 2017 14:57

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	18.2	16.6	24.8
279	24.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 37.648 ng
 RT: 17.14 min Scan# 2559
 Delta R.T. -0.05 min
 Lab File: BF097878.D
 Acq: 19 Aug 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MS

Tot Ion:	276	Resp:	492794
Ion Ratio		Lower	Upper
276	100		
277	23.2	18.6	28.0
138	25.7	25.4	38.0

Manual Integrations
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