

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090117\
 Data File : BF098225.D
 Acq On : 1 Sep 2017 14:35
 Operator : SJ/JU
 Sample : I5006-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Manual Integrations
 APPROVED

mohammad
 9/5/2017 5:22:11 PM

Quant Time: Sep 01 16:44:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 16:30:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	121993	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	474919	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	195483	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	294599	20.00	ng	0.00
75) Chrysene-d12	13.88	240	216506	20.00	ng	0.00
86) Perylene-d12	15.29	264	201044	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1069857	133.40	ng	0.02
7) Phenol-d6	6.38	99	1434350	131.63	ng	0.01
23) Nitrobenzene-d5	7.29	82	906563	103.70	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	217562	128.27	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1252763	94.15	ng	0.00
78) Terphenyl-d14	12.82	244	752728	72.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	164463	36.770	ng	# 88
3) Pyridine	3.15	79	461292	37.306	ng	# 85
4) n-Nitrosodimethylamine	3.11	42	184395	38.757	ng	# 72
6) Aniline	6.39	93	394266	25.755	ng	# 1
8) 2-Chlorophenol	6.52	128	376128	44.469	ng	99
9) Benzaldehyde	6.27	77	155186	22.483	ng	91
10) Phenol	6.39	94	552020	43.314	ng	97
11) bis(2-Chloroethyl)ether	6.47	93	437547	45.486	ng	93
12) 1,3-Dichlorobenzene	6.66	146	387523	42.594	ng	# 95
13) 1,4-Dichlorobenzene	6.74	146	386166	41.734	ng	94
14) 1,2-Dichlorobenzene	6.89	146	355257	41.639	ng	99
15) Benzyl Alcohol	6.87	79	334790	41.035	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	528392	40.826	ng	76
17) 2-Methylphenol	6.99	107	335866	45.060	ng	# 92
18) Hexachloroethane	7.23	117	144258	39.765	ng	# 87
19) n-Nitroso-di-n-propylamine	7.15	70	300416	40.272	ng	90
20) 3+4-Methylphenols	7.15	107	411234	45.171	ng	# 86
22) Acetophenone	7.14	105	554734	44.215	ng	# 87
24) Nitrobenzene	7.31	77	463645	47.632	ng	93
25) Isophorone	7.55	82	842354	46.338	ng	97
26) 2-Nitrophenol	7.63	139	188224	52.785	ng	# 87
27) 2,4-Dimethylphenol	7.67	122	344885	45.491	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	541848	45.339	ng	99
29) 2,4-Dichlorophenol	7.87	162	293686	46.667	ng	96
30) 1,2,4-Trichlorobenzene	7.95	180	308354	44.199	ng	99
31) Naphthalene	8.03	128	1136465	46.094	ng	99
32) Benzoic acid	7.76	122	26685	10.591	ng	95
33) 4-Chloroaniline	8.08	127	215898	20.763	ng	99
34) Hexachlorobutadiene	8.15	225	177035	43.462	ng	99
35) Caprolactam	8.46	113	100252m	46.859	ng	
36) 4-Chloro-3-methylphenol	8.57	107	344433	42.598	ng	# 79
37) 2-Methylnaphthalene	8.72	142	705494	46.672	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	279107	46.523	ng	99
40) Hexachlorocyclopentadiene	8.87	237	73949	25.658	ng	98

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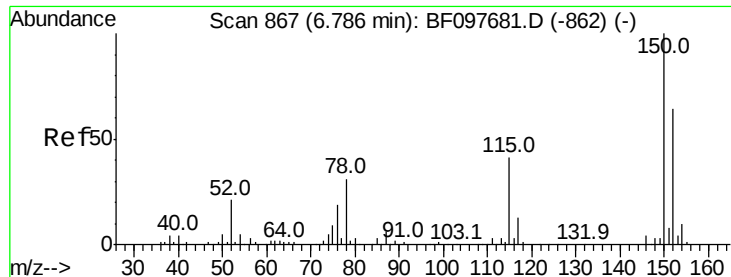
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	185821	46.135	ng	97
43) 2,4,5-Trichlorophenol	9.05	196	188930	47.282	ng	94
45) 1,1'-Biphenyl	9.19	154	783719	43.964	ng	96
46) 2-Chloronaphthalene	9.21	162	568631	43.172	ng	# 93
47) 2-Nitroaniline	9.31	65	216306	48.987	ng	97
48) Acenaphthylene	9.62	152	920872	44.522	ng	100
49) Dimethylphthalate	9.49	163	877875	61.436	ng	99
50) 2,6-Dinitrotoluene	9.56	165	144159	50.542	ng	# 87
51) Acenaphthene	9.79	154	596289	45.710	ng	98
52) 3-Nitroaniline	9.72	138	130703	35.517	ng	93
53) 2,4-Dinitrophenol	9.83	184	17717	21.545	ng	# 80
54) Dibenzofuran	9.97	168	854505	48.876	ng	95
55) 4-Nitrophenol	9.90	139	184681	62.912	ng	# 57
56) 2,4-Dinitrotoluene	9.96	165	163922	45.795	ng	# 54
57) Fluorene	10.31	166	638657	47.248	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.09	232	135441	43.780	ng	92
59) Diethylphthalate	10.19	149	680338	45.529	ng	99
60) 4-Chlorophenyl-phenylether	10.30	204	274038	43.639	ng	89
61) 4-Nitroaniline	10.33	138	134716	38.517	ng	80
62) Azobenzene	10.46	77	752657	42.404	ng	93
64) 4,6-Dinitro-2-methylphenol	10.36	198	19488	19.925	ng	88
65) n-Nitrosodiphenylamine	10.42	169	523449	52.178	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	161500	52.791	ng	97
67) Hexachlorobenzene	10.85	284	145940	46.803	ng	# 86
68) Atrazine	10.95	200	146071	54.904	ng	97
69) Pentachlorophenol	11.05	266	121280	66.708	ng	99
70) Phenanthrene	11.27	178	1477632	94.127	ng	100
71) Anthracene	11.32	178	918566	57.690	ng	99
72) Carbazole	11.47	167	715904	47.368	ng	98
73) Di-n-butylphthalate	11.80	149	906256	52.057	ng	99
74) Fluoranthene	12.46	202	1453174	88.687	ng	99
76) Benzidine	12.57	184	239752	33.774	ng	# 91
77) Pyrene	12.69	202	1364682	77.067	ng	98
79) Butylbenzylphthalate	13.30	149	322245	47.465	ng	# 71
80) Benzo(a)anthracene	13.87	228	976277	75.237	ng	99
81) 3,3'-Dichlorobenzidine	13.83	252	194147	44.339	ng	# 94
82) Chrysene	13.91	228	867744	67.224	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	413246	54.930	ng	100
84) Di-n-octyl phthalate	14.47	149	802168	61.281	ng	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	536945	56.546	ng	94
87) Benzo(b)fluoranthene	14.90	252	967783	76.369	ng	99
88) Benzo(k)fluoranthene	14.92	252	636198m	53.436	ng	
89) Benzo(a)pyrene	15.24	252	774680	69.053	ng	99
90) Dibenzo(a,h)anthracene	16.69	278	377145	41.294	ng	98
91) Benzo(g,h,i)perylene	17.09	276	426393	44.743	ng	95

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



#1

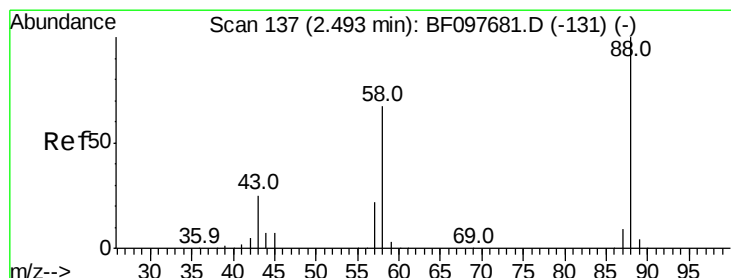
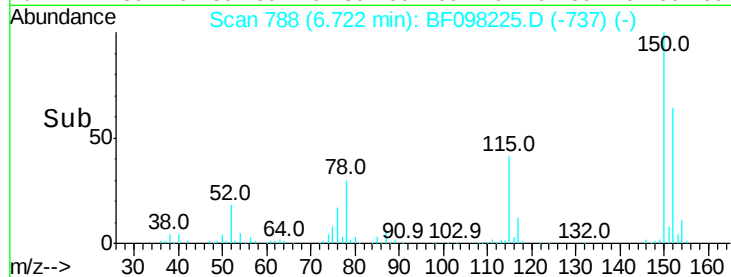
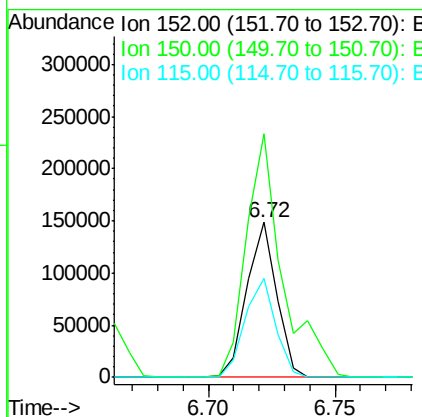
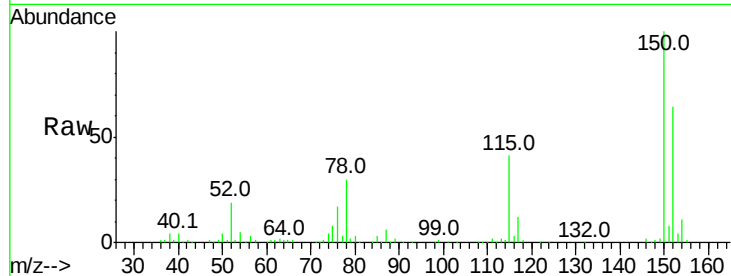
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	63.7	52.2	78.2

Manual Integrations
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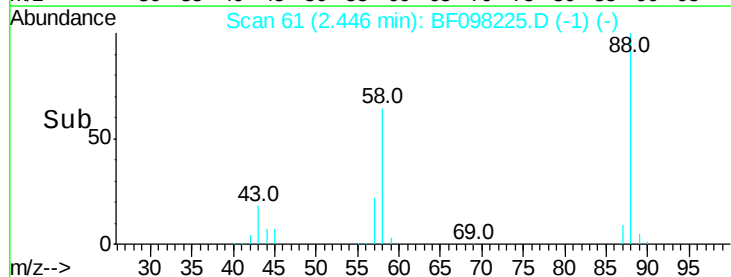
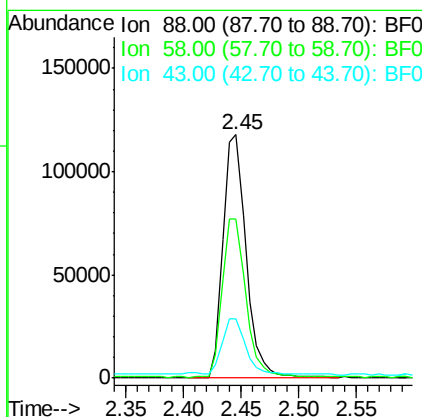
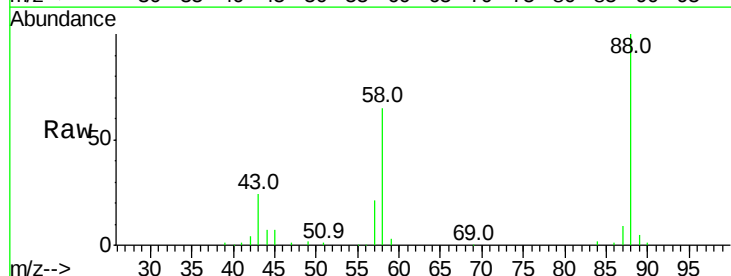
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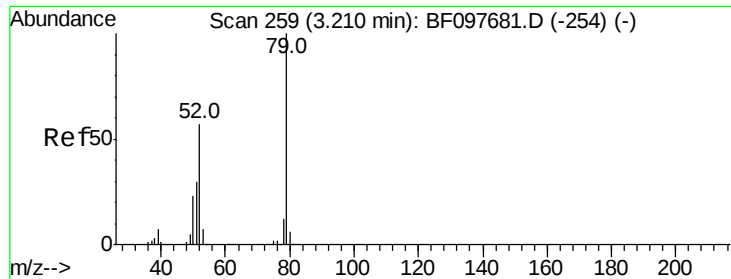


#2

1,4-Dioxane
Concen: 36.770 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.07 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.8	61.4	92.0
43	23.3	23.4	35.0





#3

Pvridine

Concen: 37.306 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.06 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Instrument :

BNA_F

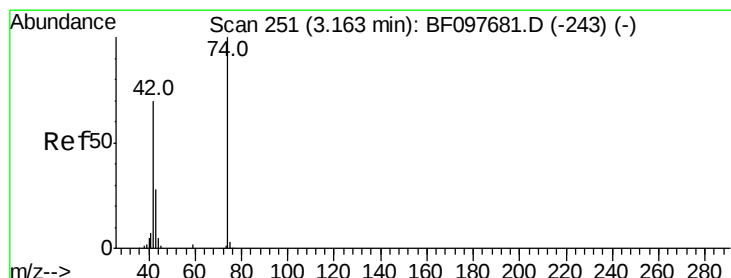
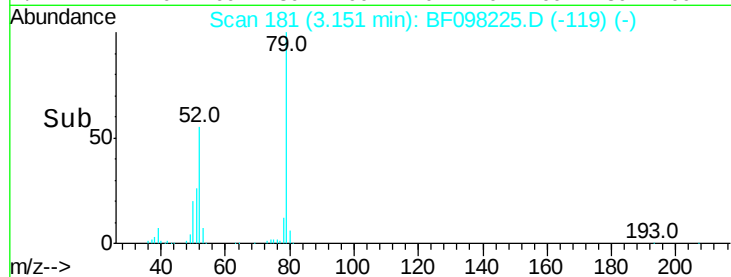
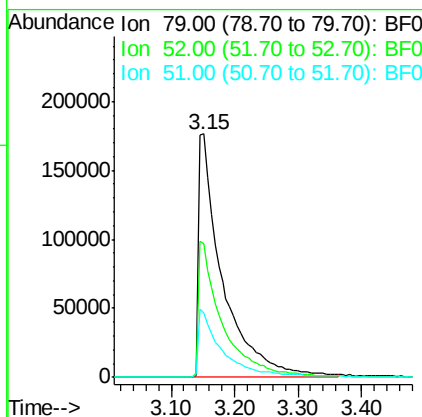
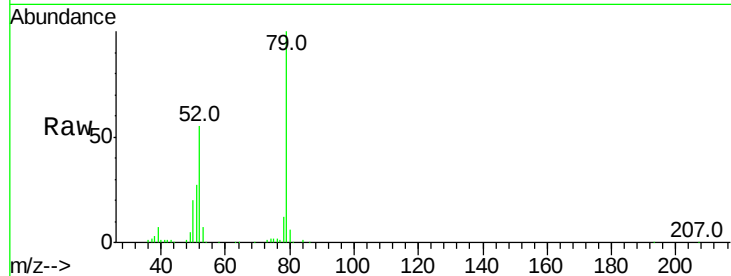
ClientSampleId :

SB-14-COMPMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.1	54.8	82.2
51	26.5	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.757 ng

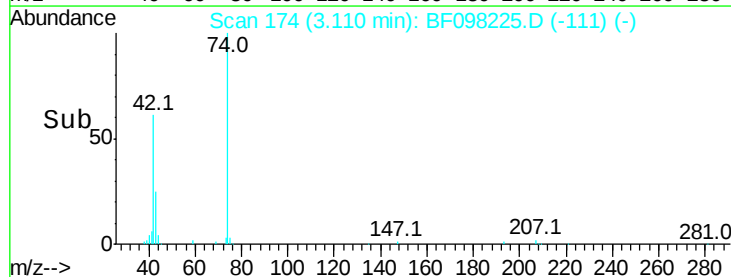
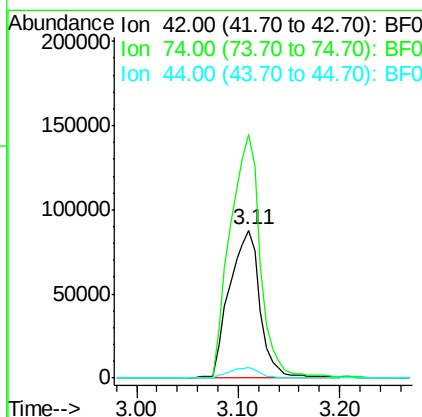
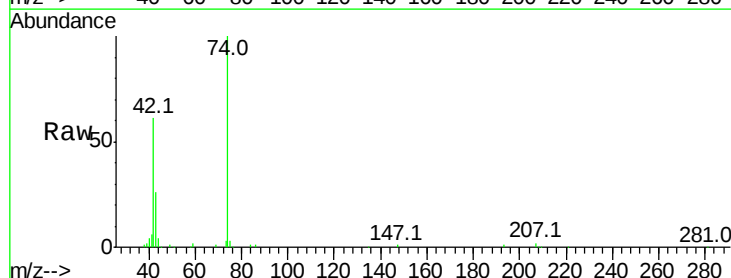
RT: 3.11 min Scan# 174

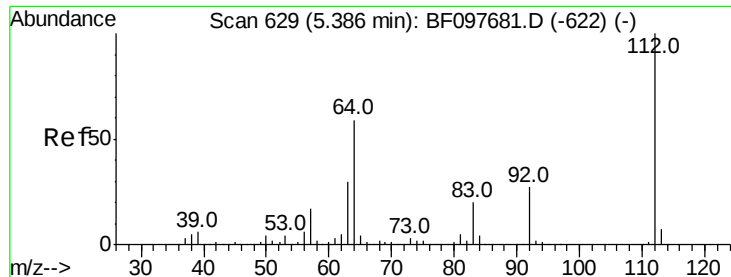
Delta R.T. 0.07 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	164.8	103.9	155.9
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 133.396 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMS

Tot Ion:112 Resp: 1069857

Ion Ratio Lower Upper

112 100

64 57.7 46.0 69.0

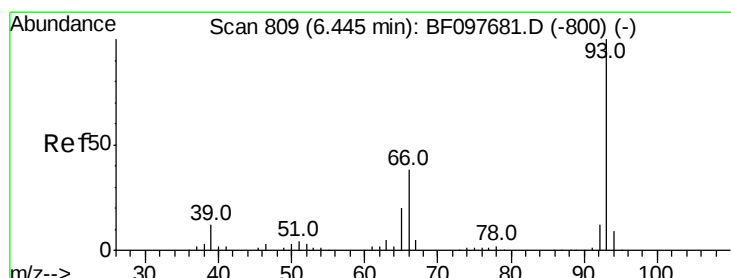
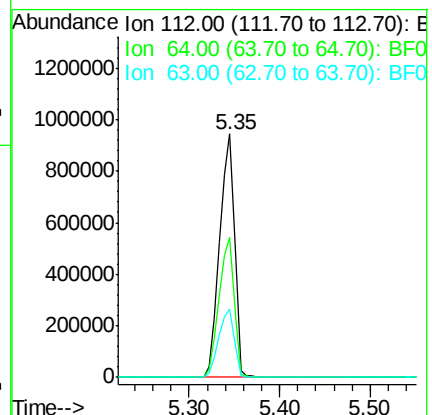
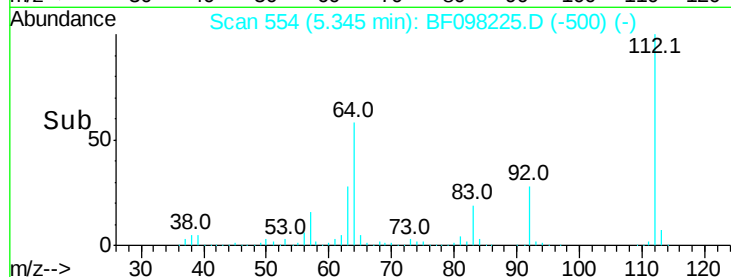
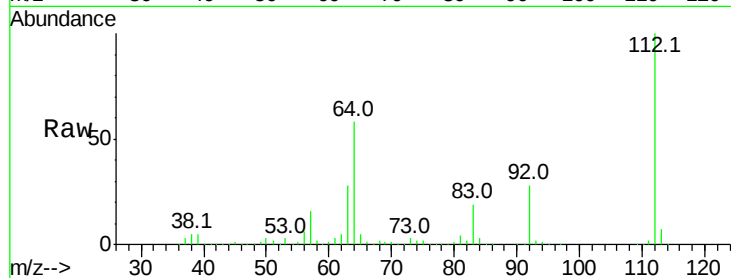
63 28.1 23.4 35.0

Manual Integrations

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#6

Aniline

Concen: 25.755 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

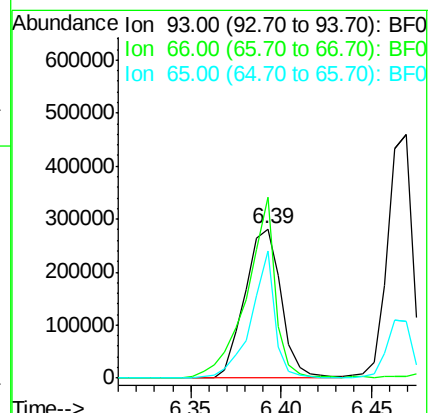
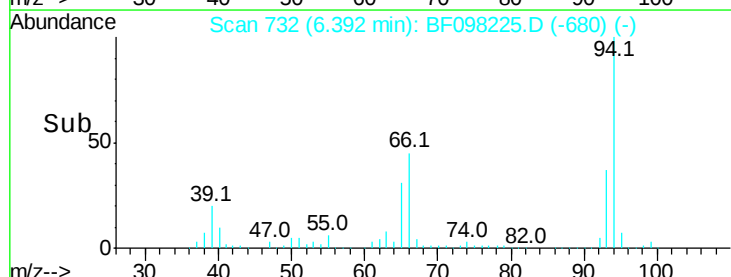
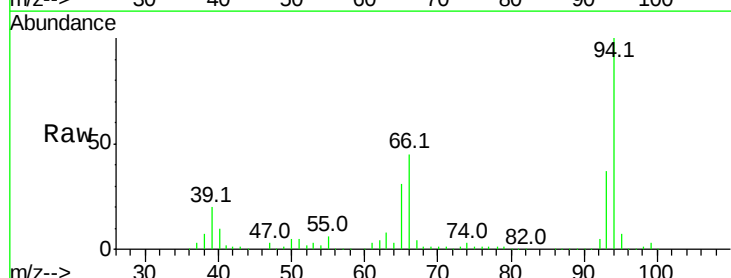
Tgt Ion: 93 Resp: 394266

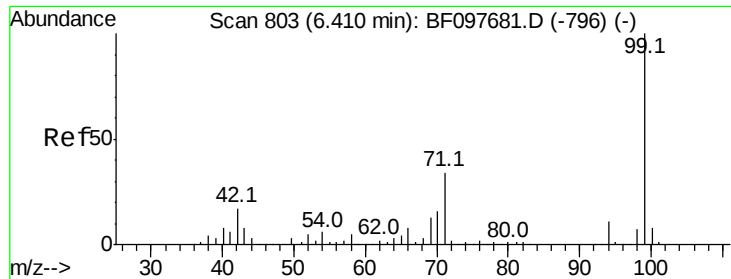
Ion Ratio Lower Upper

93 100

66 121.1 32.9 49.3#

65 84.6 16.0 24.0#





#7

Phenol-d6

Concen: 131.626 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMS

Tot Ion: 99 Resp: 1434350

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

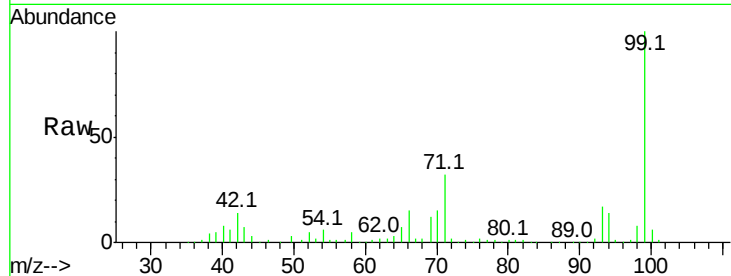
71 31.8 24.5 36.7

Manual Integrations

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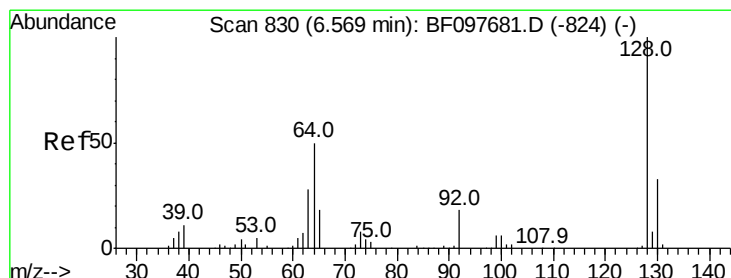
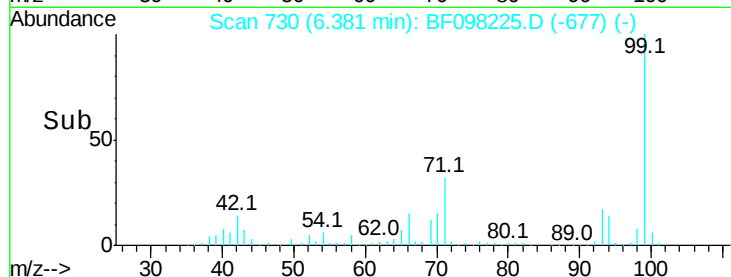
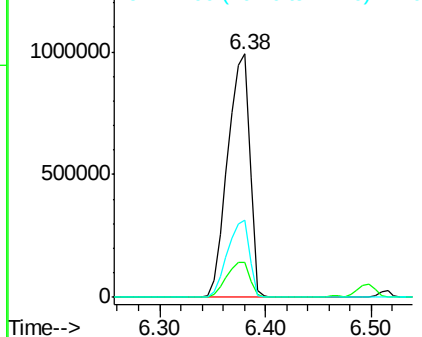
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.469 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

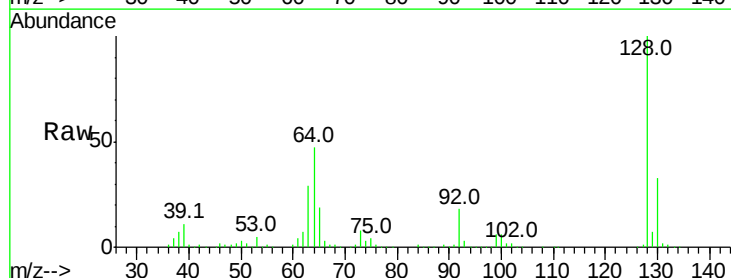
Tgt Ion:128 Resp: 376128

Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

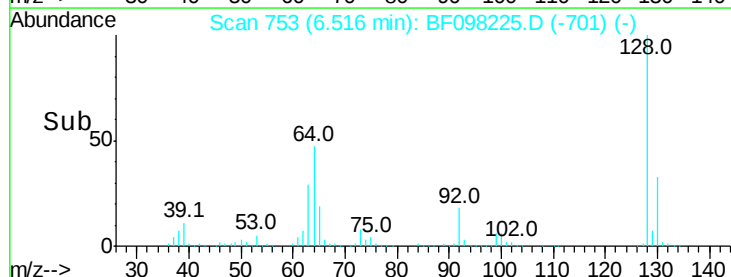
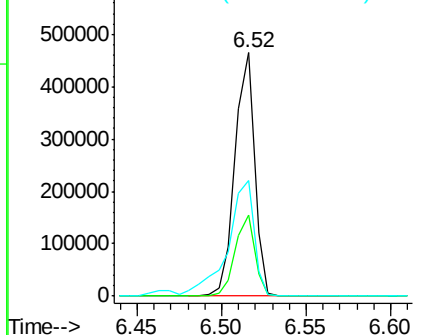
64 47.4 28.4 68.4

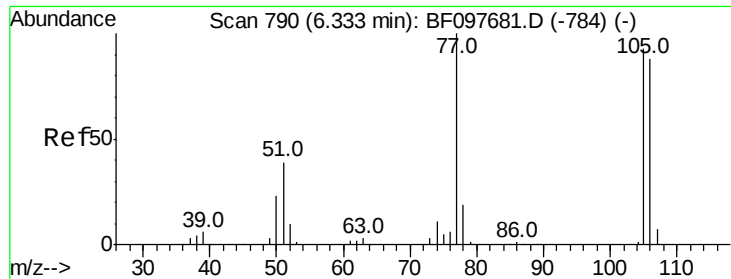


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





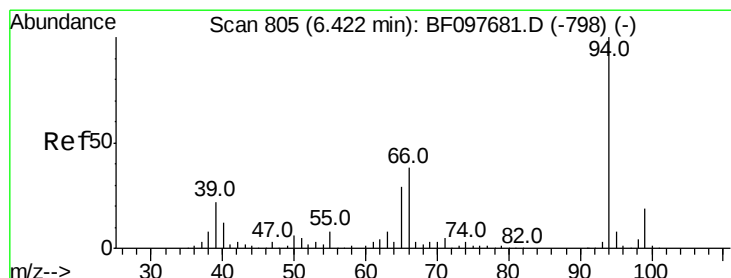
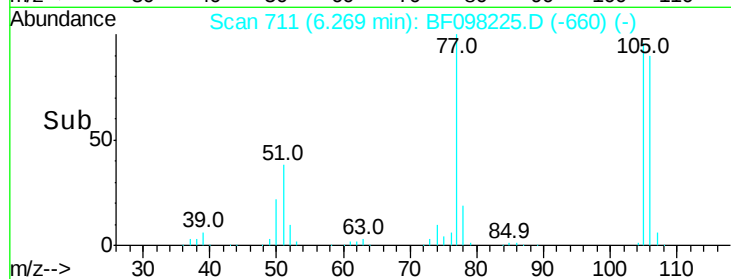
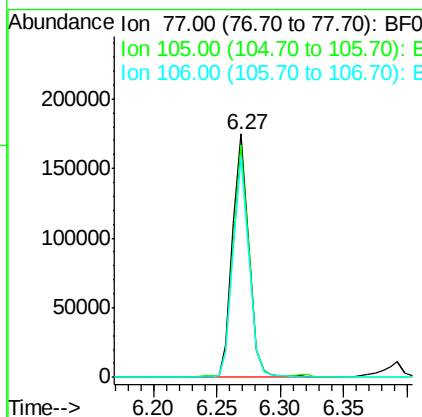
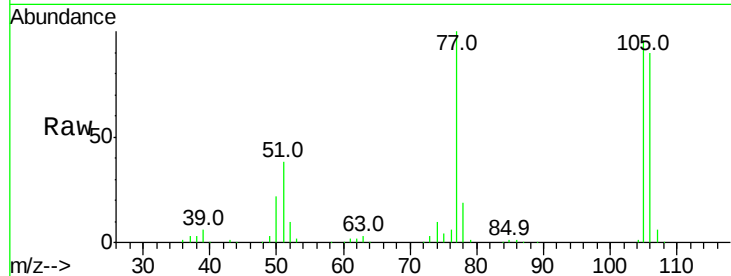
#9
Benzaldehyde
Concen: 22.483 ng
RT: 6.27 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.5	83.8	123.8
106	90.0	79.1	119.1

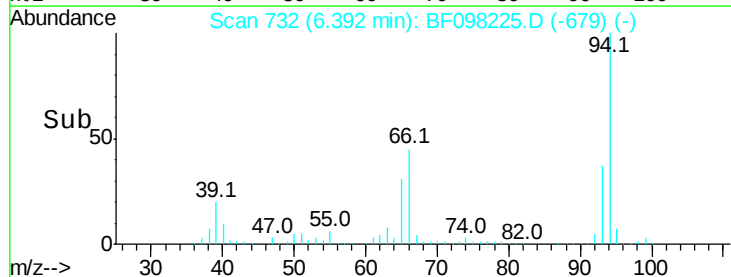
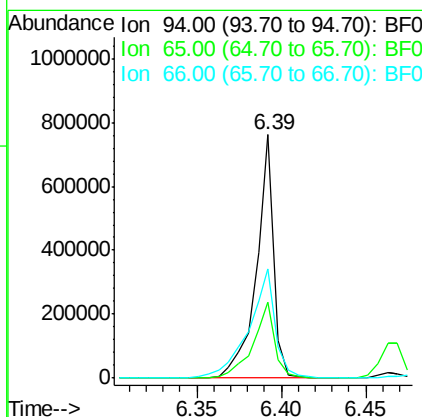
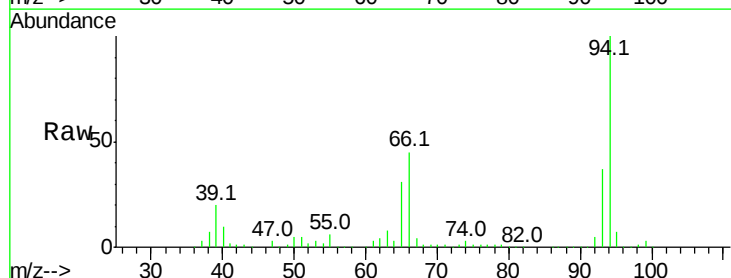
Manual Integrations
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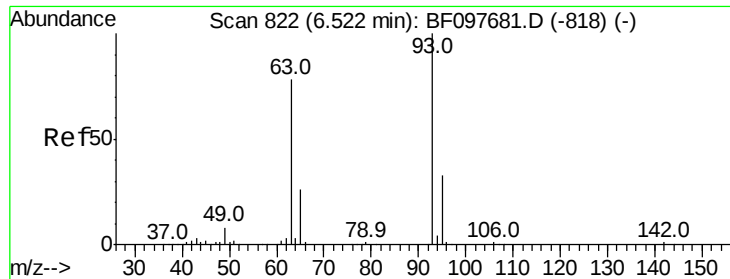
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9/5/2017 5:22:11 PM



#10
Phenol
Concen: 43.314 ng
RT: 6.39 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.3	9.9	49.9
66	44.9	23.1	63.1





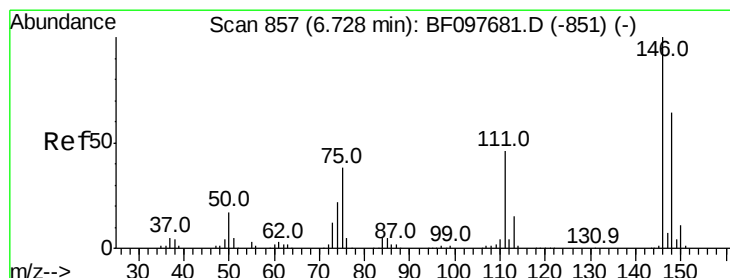
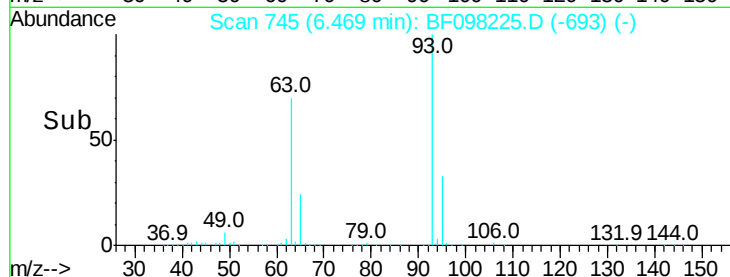
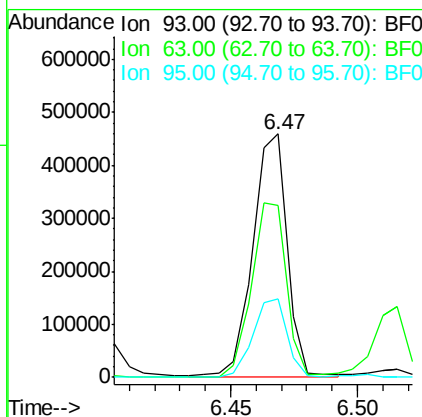
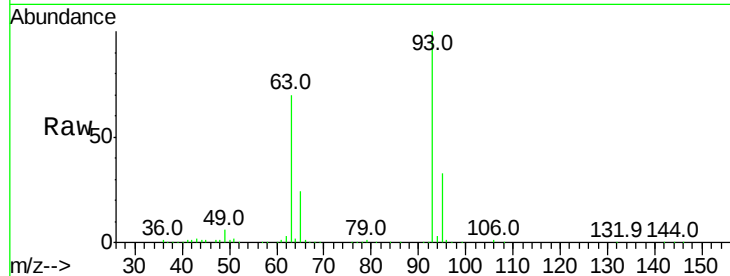
#11
bis(2-Chloroethyl)ether
Concen: 45.486 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	437547		
63	70.4	59.2	99.2	
95	32.5	12.8	52.8	

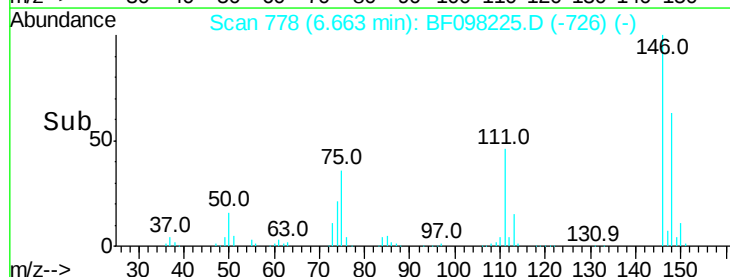
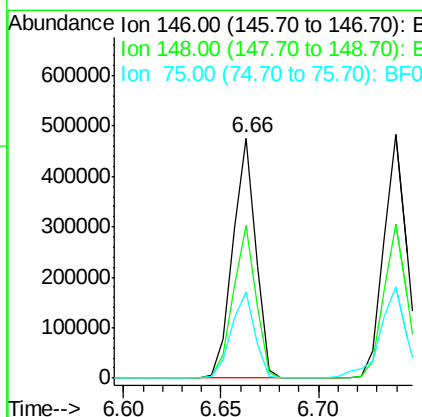
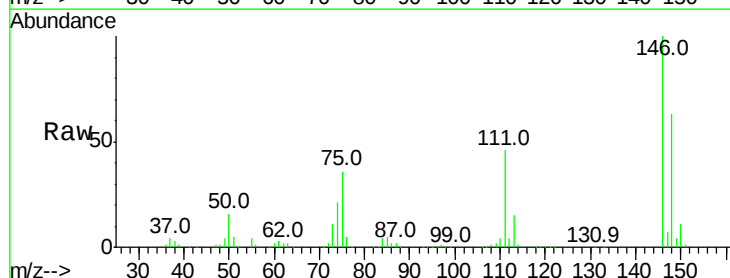
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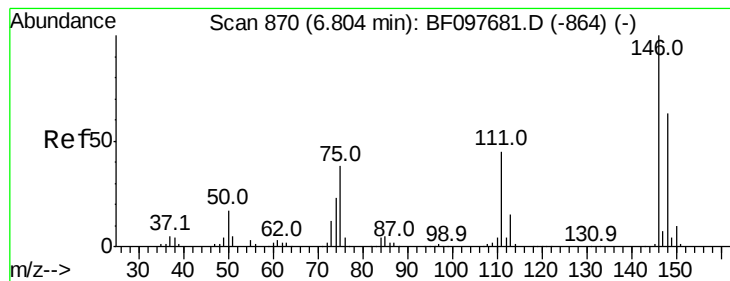
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.594 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	387523		
148	63.4	51.8	77.6	
75	35.8	23.1	34.7#	





#13

1,4-Dichlorobenzene

Concen: 41.734 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.00 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMS

Tot Ion:146 Resp: 386166

Ion Ratio Lower Upper

146 100

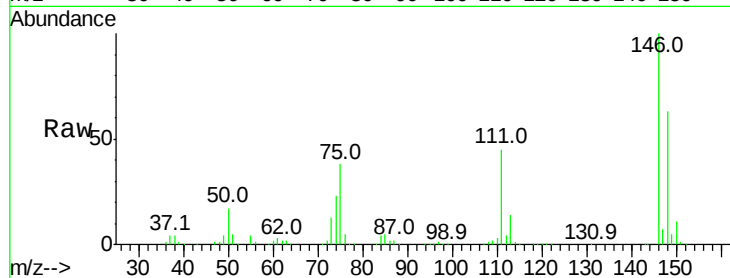
148 63.4 52.2 78.2

111 45.5 30.3 45.5

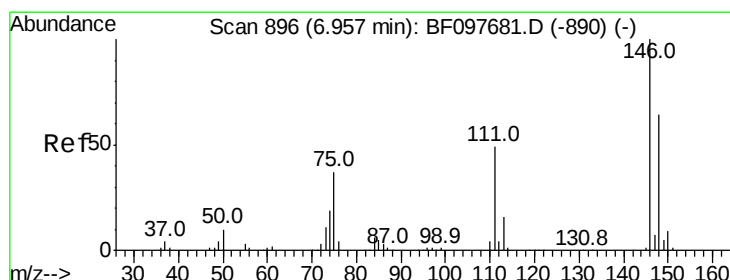
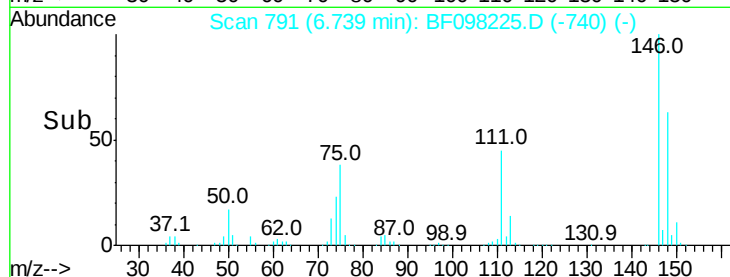
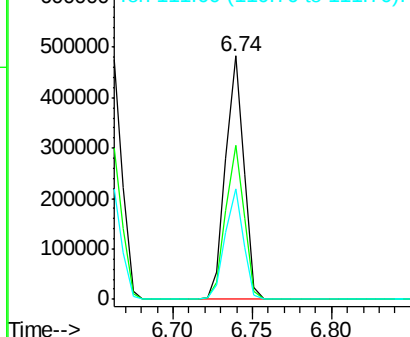
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.639 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

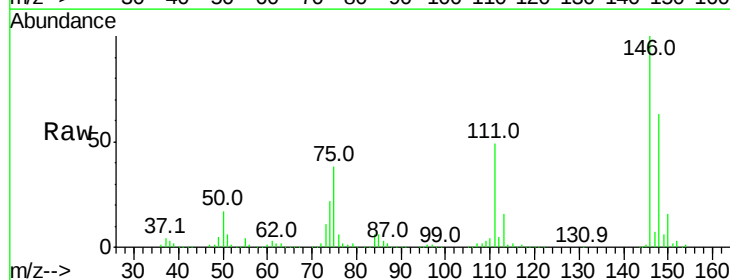
Tgt Ion:146 Resp: 355257

Ion Ratio Lower Upper

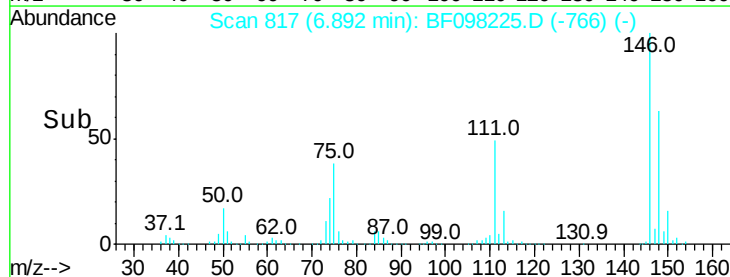
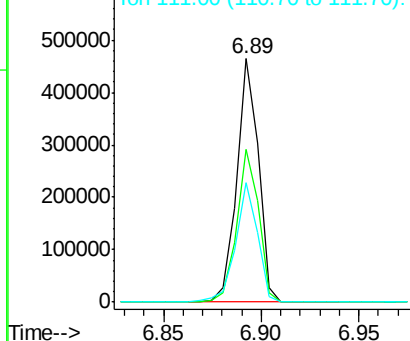
146 100

148 62.9 50.4 75.6

111 49.0 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.035 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Instrument :

BNA_F

ClientSampled :

SB-14-COMPMS

Tot Ion: 79 Resp: 334790

Ion Ratio Lower Upper

79 100

108 77.7 63.4 95.0

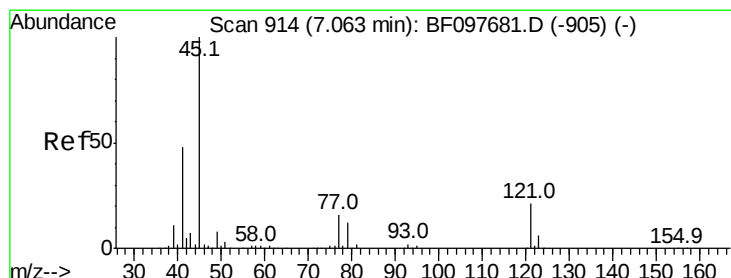
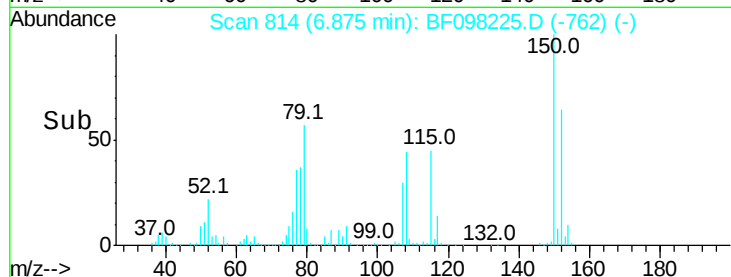
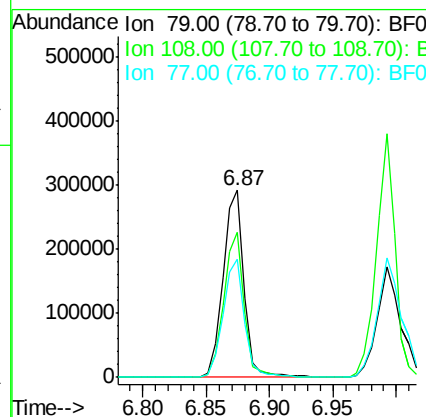
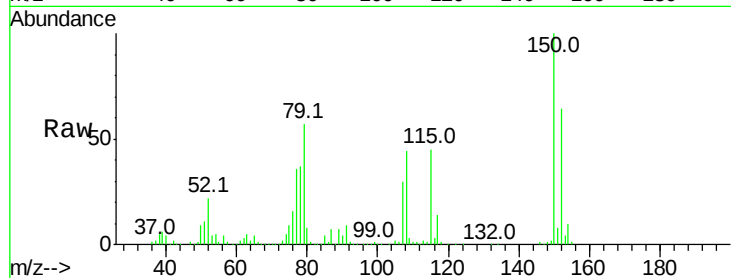
77 63.4 49.2 73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.826 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.00 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

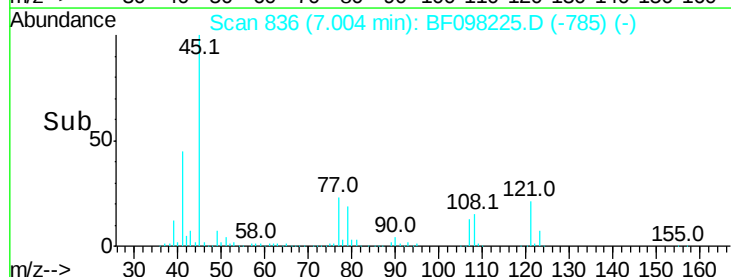
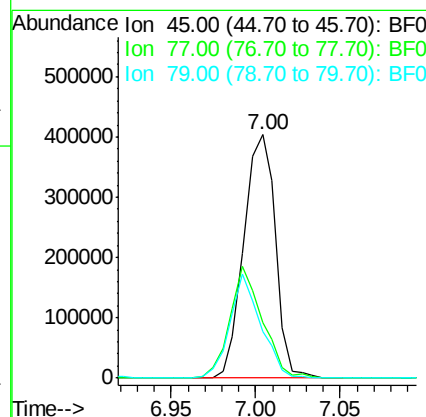
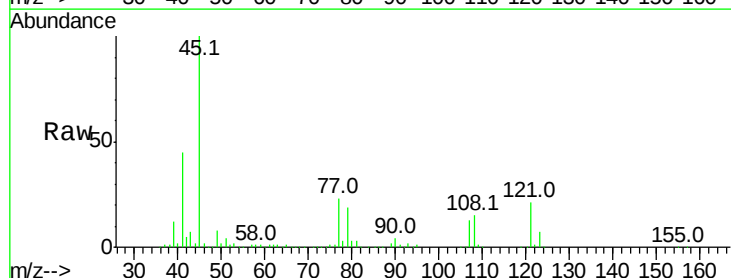
Tgt Ion: 45 Resp: 528392

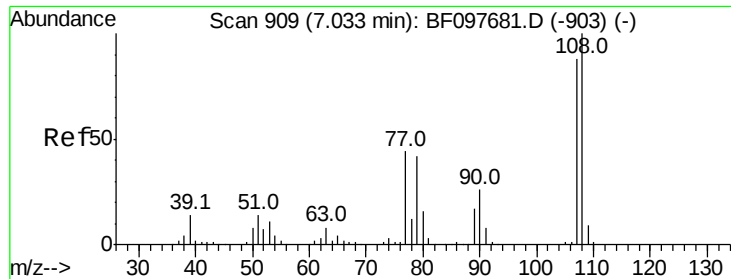
Ion Ratio Lower Upper

45 100

77 22.9 0.0 33.2

79 19.1 0.0 30.0





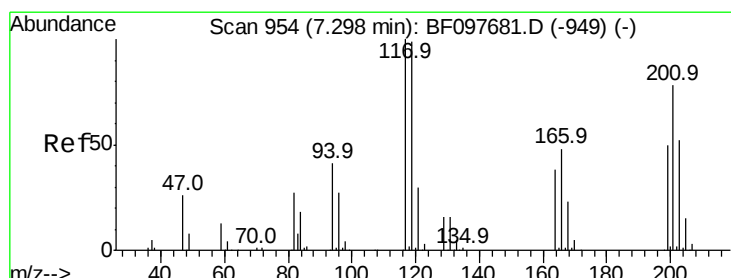
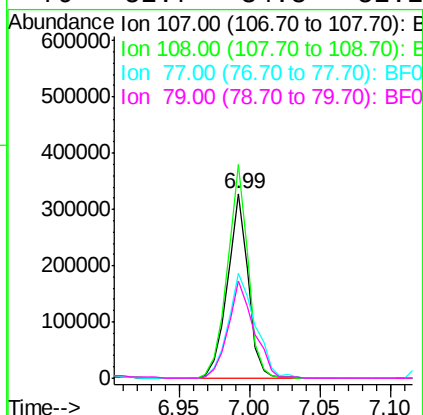
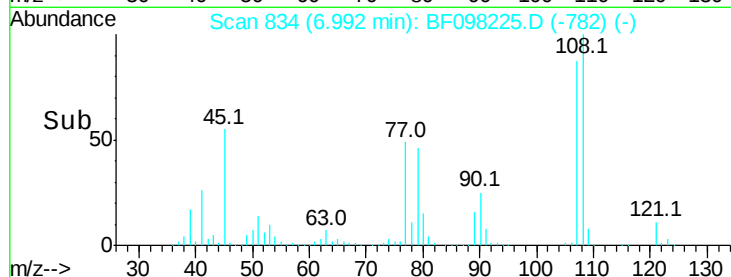
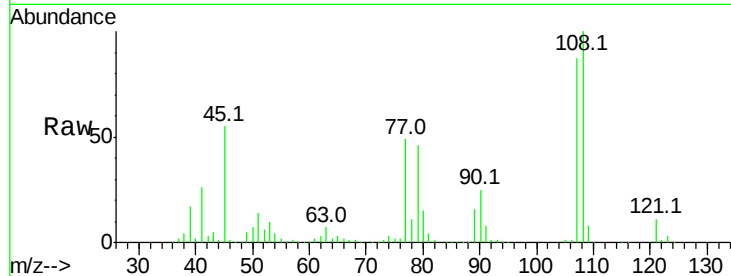
#17
2-Methylphenol
Concen: 45.060 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.5	93.4	140.0	
77	56.7	35.8	53.6#	
79	52.7	34.8	52.2#	

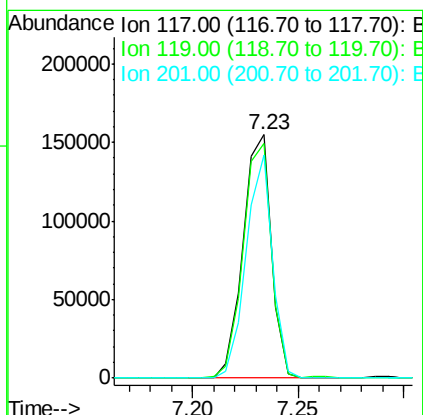
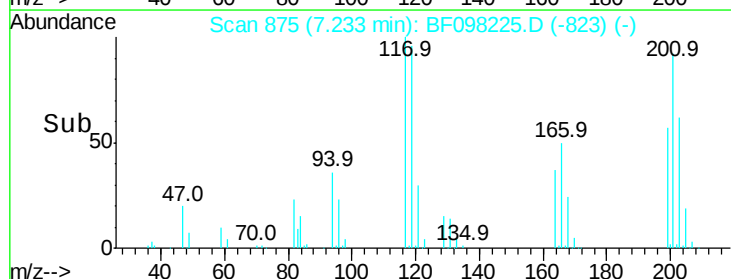
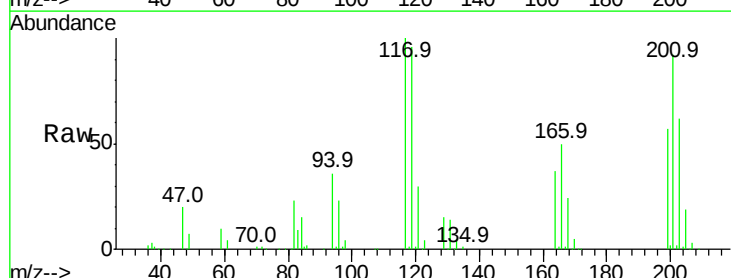
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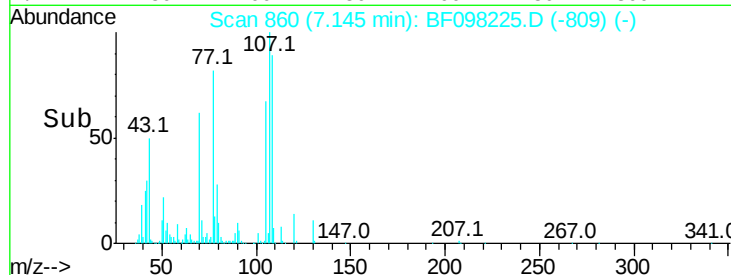
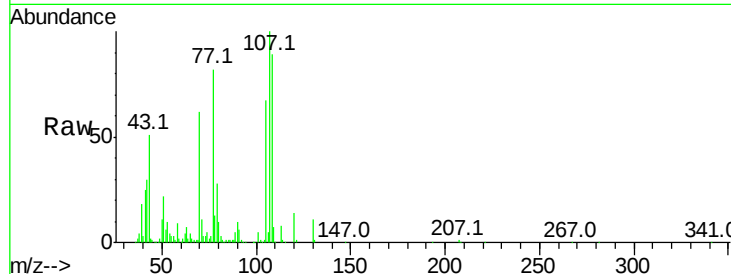
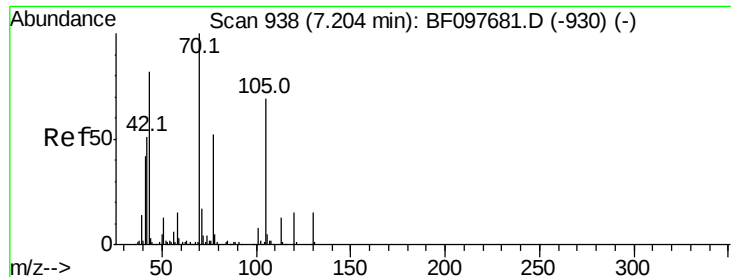
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#18
Hexachloroethane
Concen: 39.765 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	77.4	116.0	
201	91.9	94.6	141.8#	





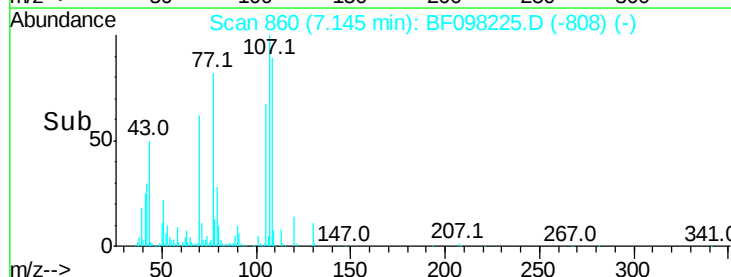
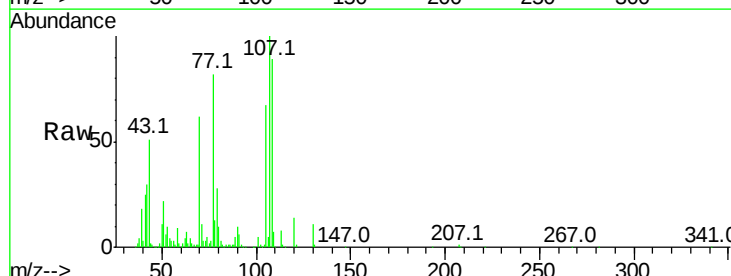
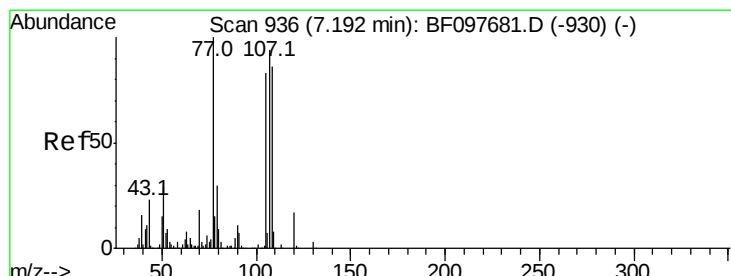
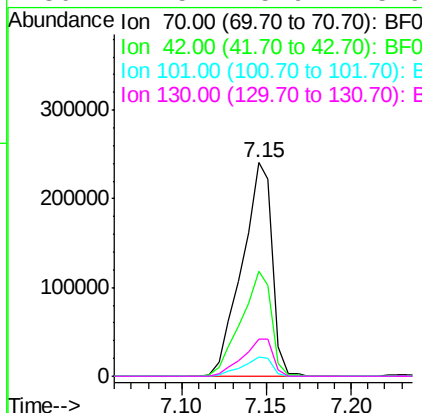
#19
n-Nitroso-di-n-propylamine
Concen: 40.272 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.9	47.2	70.8	
101	8.8	7.2	10.8	
130	17.5	15.9	23.9	

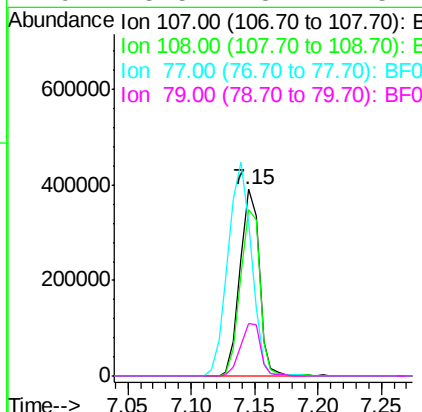
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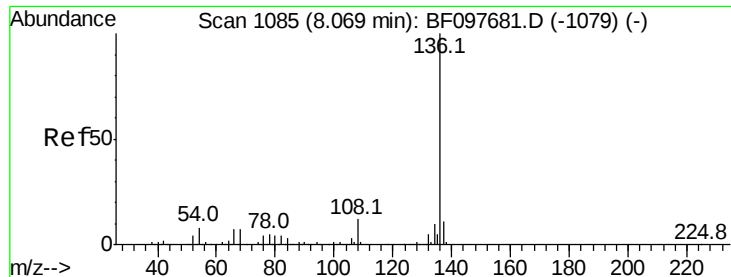
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#20
3+4-Methylphenols
Concen: 45.171 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	71.0	111.0	
77	82.2	90.5	130.5#	
79	28.5	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMS

Tot Ion:136 Resp: 474919

Ion Ratio Lower Upper

136 100

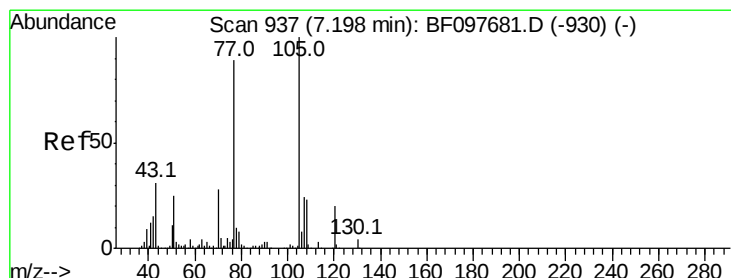
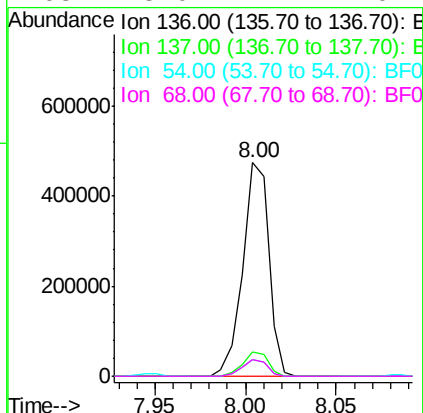
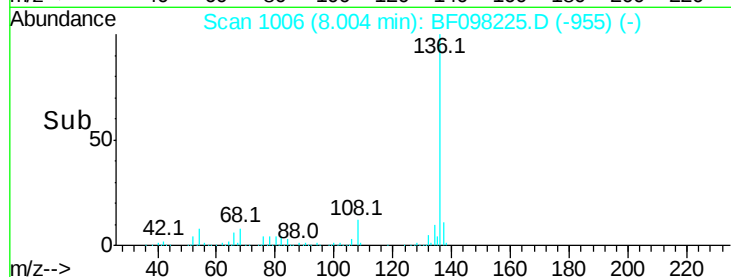
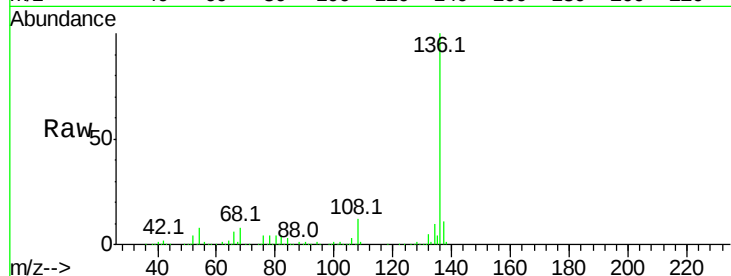
137 11.2 8.5 12.7

54 8.1 4.9 7.3#

68 8.0 4.1 6.1#

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#22

Acetophenone

Concen: 44.215 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Tgt Ion:105 Resp: 554734

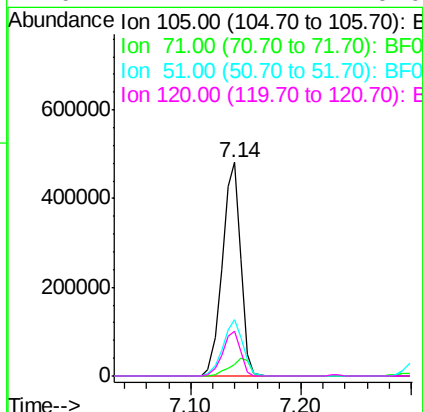
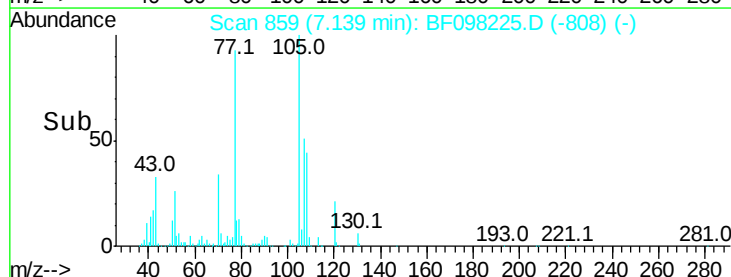
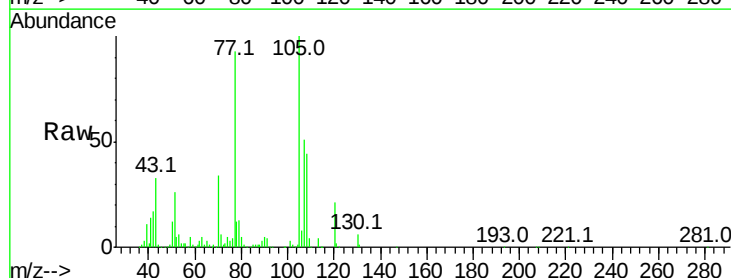
Ion Ratio Lower Upper

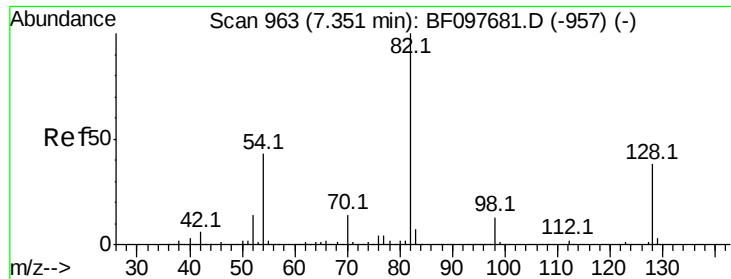
105 100

71 5.6 2.8 4.2#

51 26.3 30.7 46.1#

120 21.1 17.4 26.0





#23

Nitrobenzene-d5

Concen: 103.699 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMS

Tot Ion: 82 Resp: 906563

Ion Ratio Lower Upper

82 100

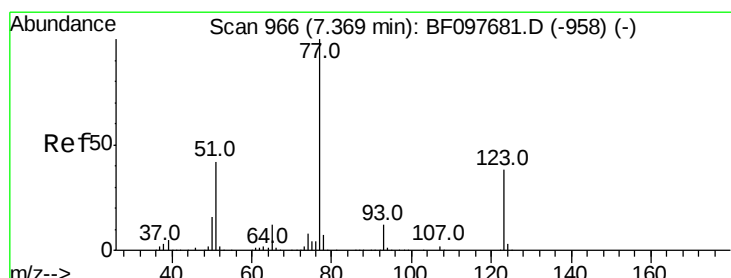
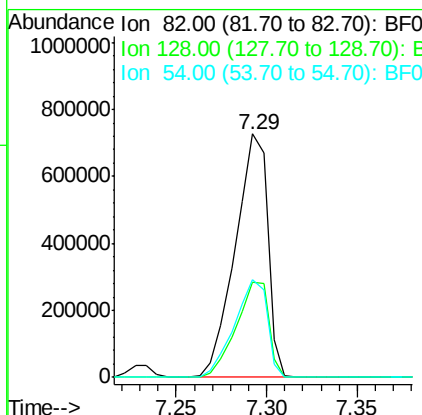
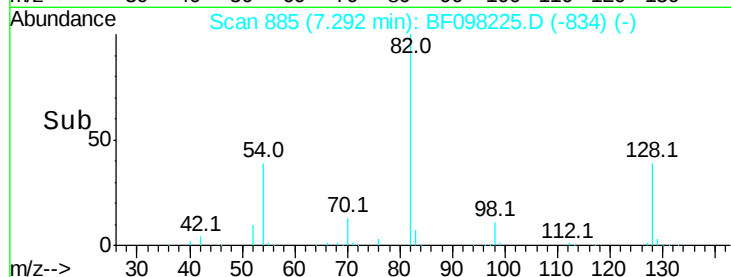
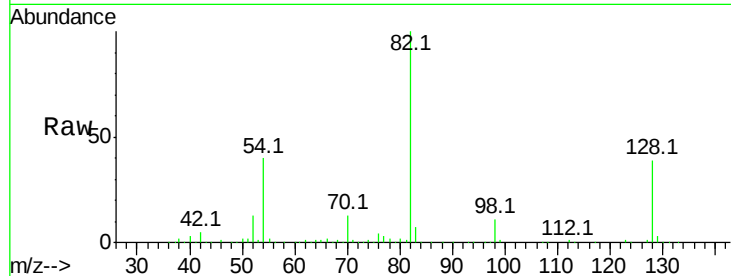
128 39.2 34.0 51.0

54 40.3 42.2 63.2#

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#24

Nitrobenzene

Concen: 47.632 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

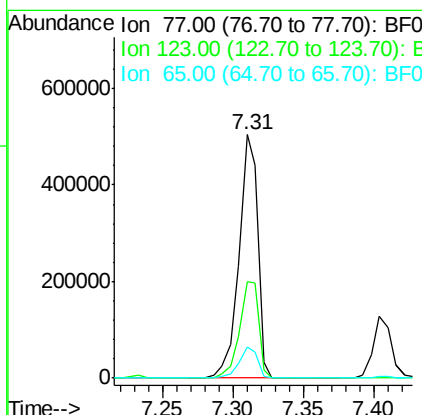
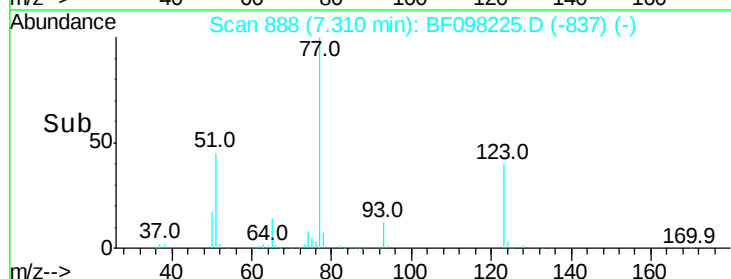
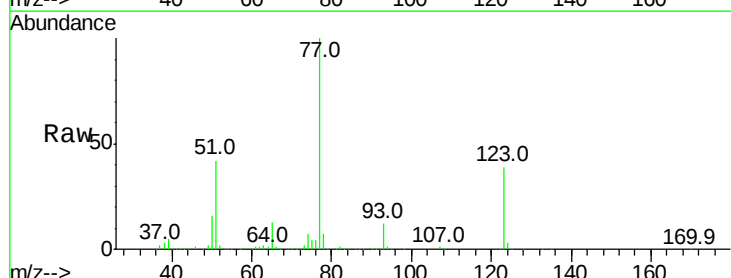
Tgt Ion: 77 Resp: 463645

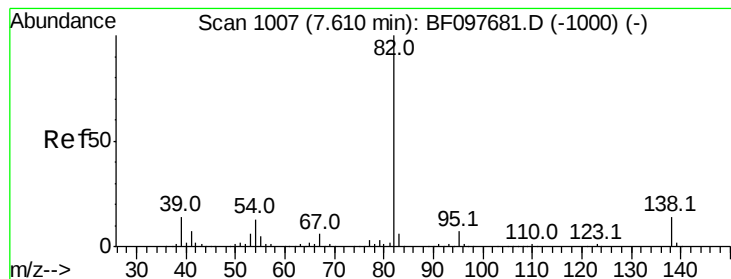
Ion Ratio Lower Upper

77 100

123 39.4 35.8 53.8

65 12.7 10.6 15.8





#25

Isophorone

Concen: 46.338 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Instrument :

BNA_F

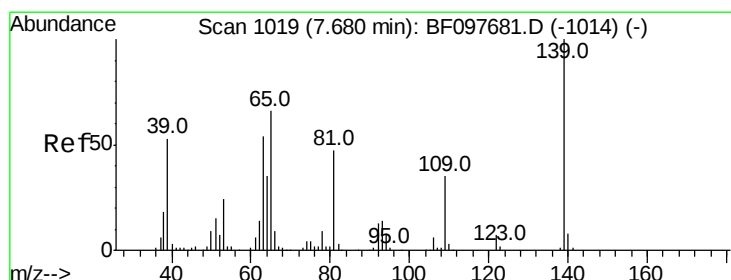
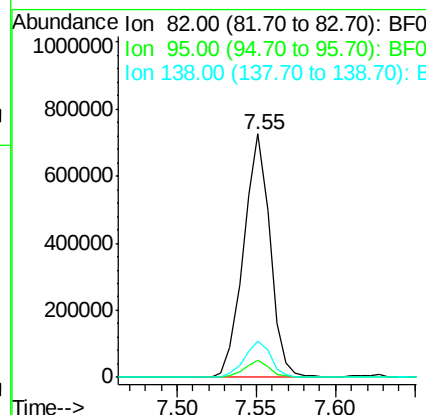
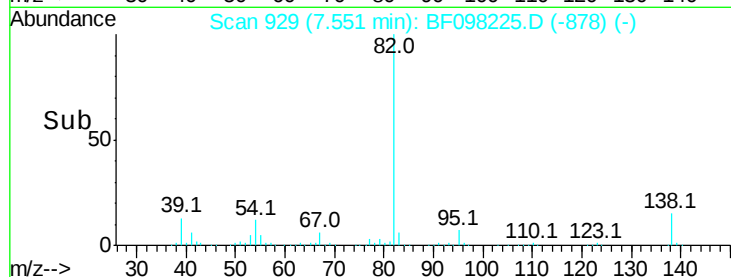
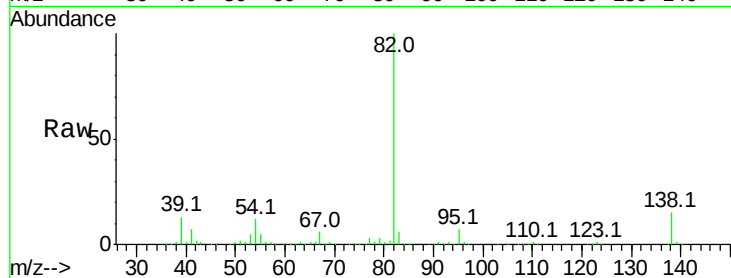
ClientSampleId :

SB-14-COMPMS

Tot Ion:	82	Resp:	842354
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	14.9	13.1	19.7

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#26

2-Nitrophenol

Concen: 52.785 ng

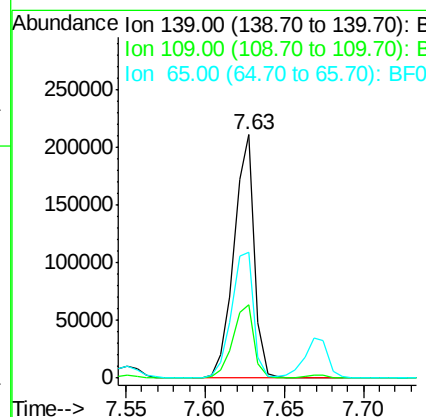
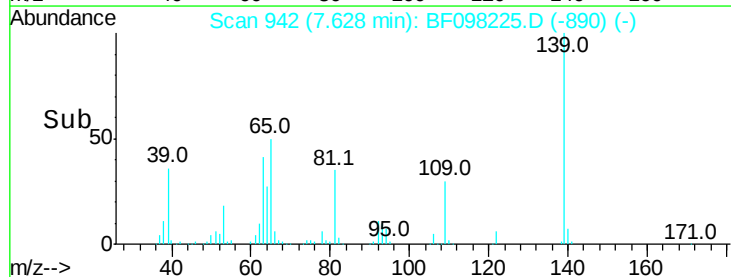
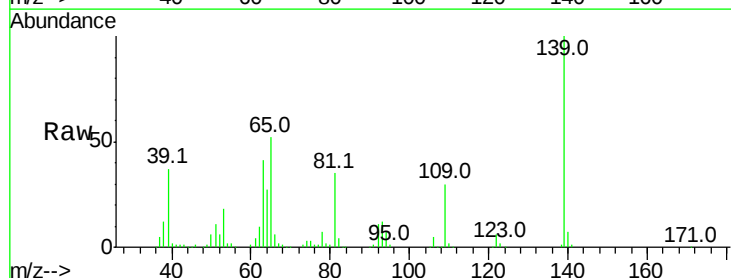
RT: 7.63 min Scan# 942

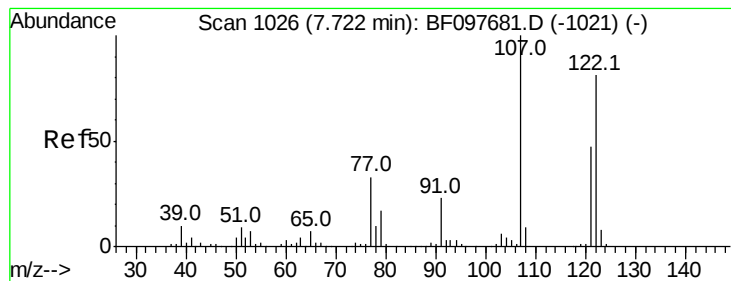
Delta R.T. 0.01 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Tgt Ion:	139	Resp:	188224
Ion Ratio	Lower	Upper	
139	100		
109	30.1	21.0	31.6
65	51.9	33.0	49.6#





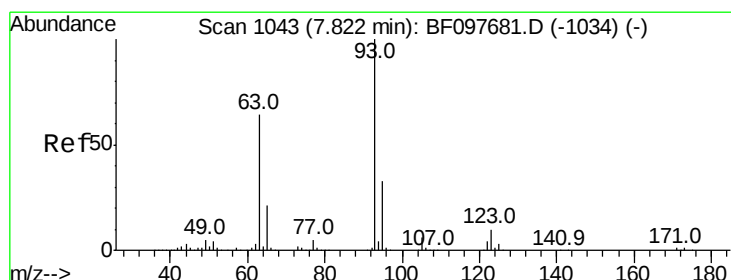
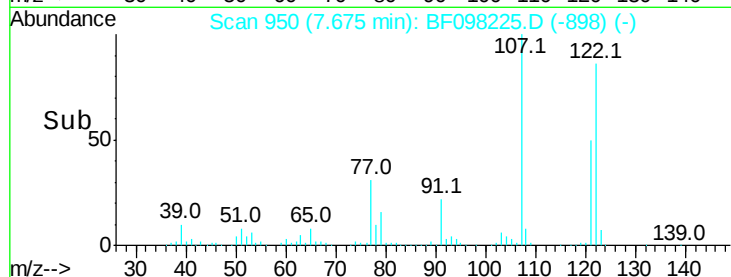
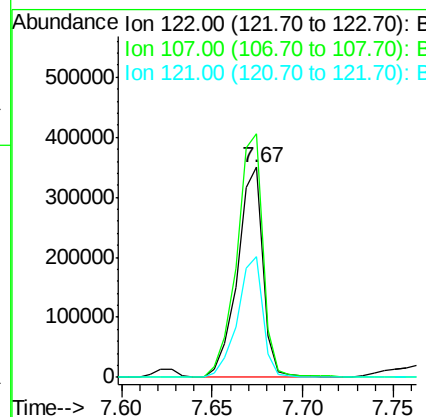
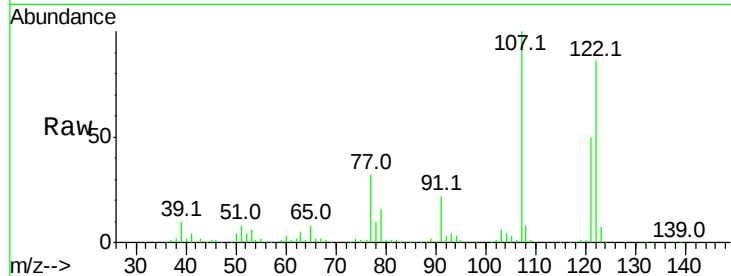
#27
2,4-Dimethylphenol
Concen: 45.491 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	344885		
107	116.0	89.2	133.8	
121	57.6	45.2	67.8	

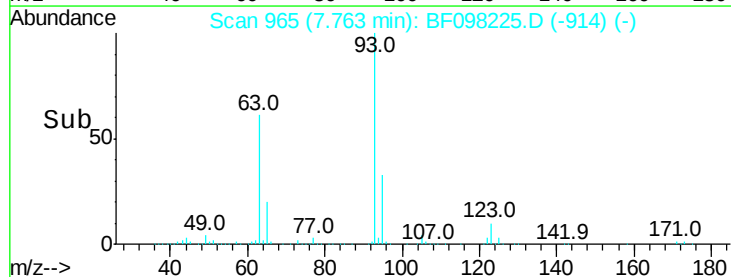
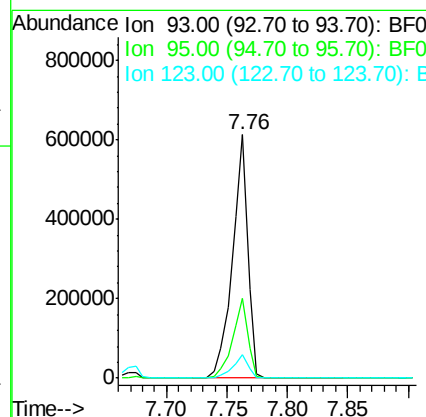
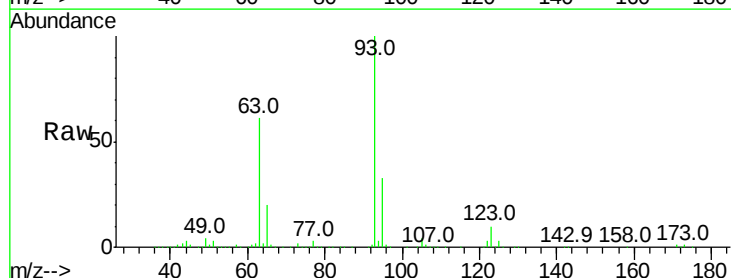
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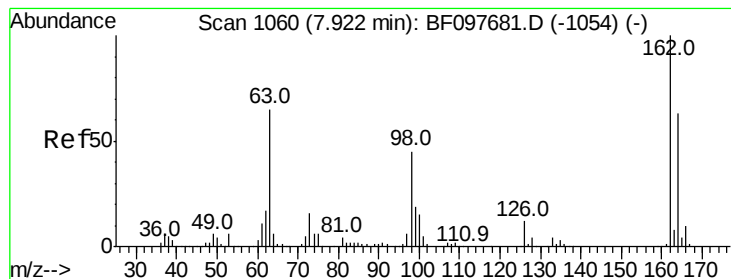
mohammad
9/5/2017 5:22:11 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.339 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	541848		
95	32.9	26.5	39.7	
123	9.6	9.0	13.4	





#29

2,4-Dichlorophenol

Concen: 46.667 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Instrument :

BNA_F

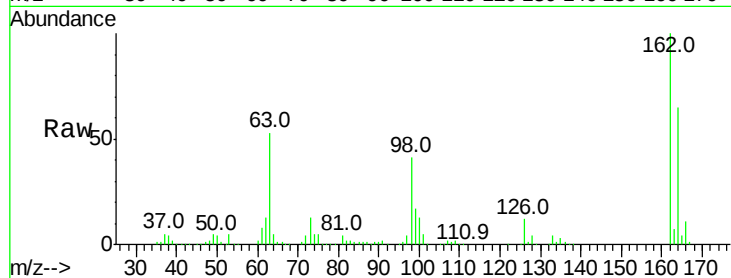
ClientSampleId :

SB-14-COMPMS

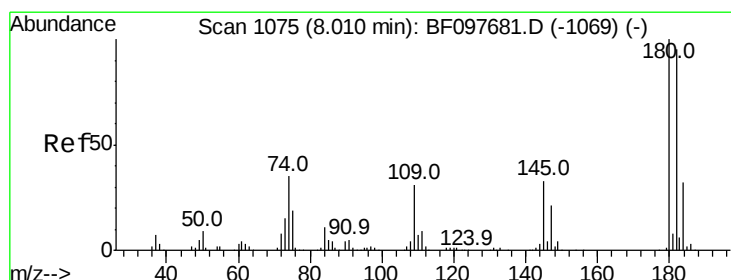
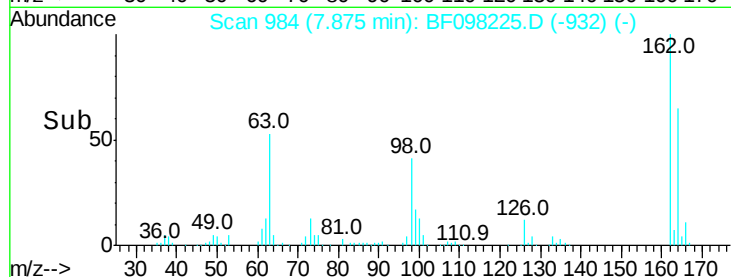
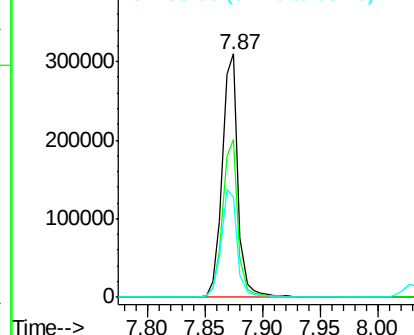
Tot Ion:	162	Resp:	293686
Ion Ratio	Lower	Upper	
162	100		
164	64.9	44.6	84.6
98	41.1	14.8	54.8

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 44.199 ng

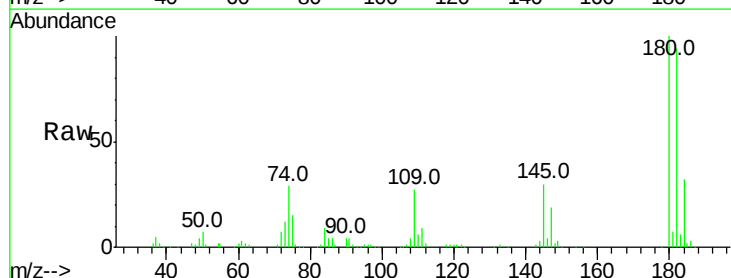
RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

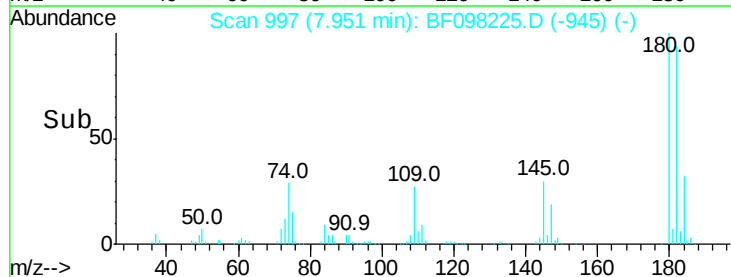
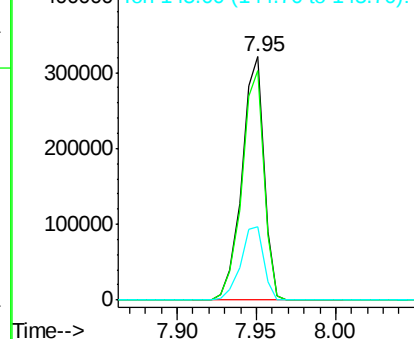
Lab File: BF098225.D

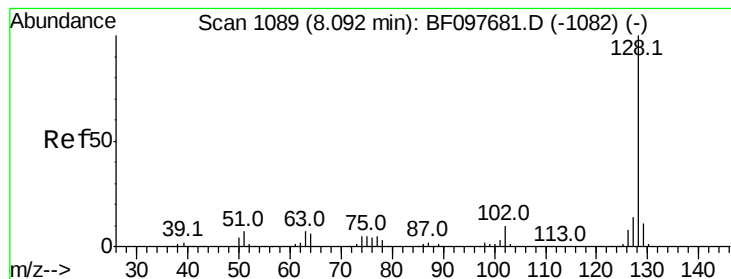
Acq: 1 Sep 2017 14:35

Tgt Ion:	180	Resp:	308354
Ion Ratio	Lower	Upper	
180	100		
182	94.2	75.8	113.6
145	30.2	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.094 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMS

Tot Ion:128 Resp: 1136465

Ion Ratio Lower Upper

128 100

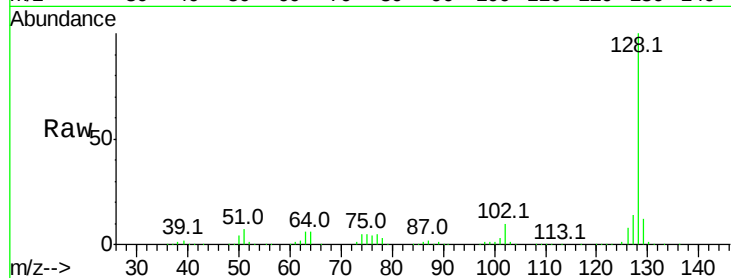
129 11.8 9.0 13.6

127 13.7 10.8 16.2

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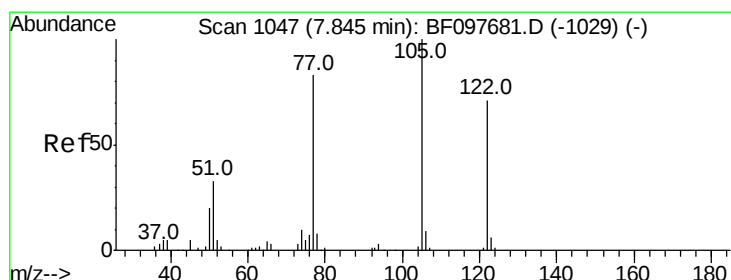
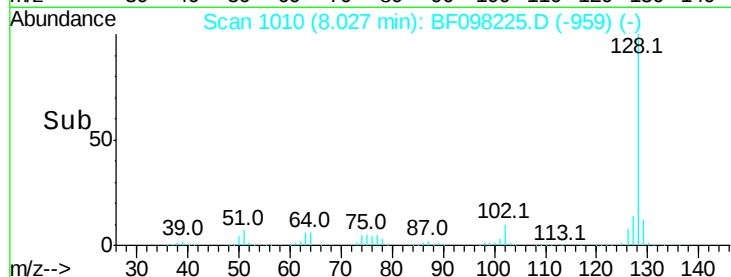
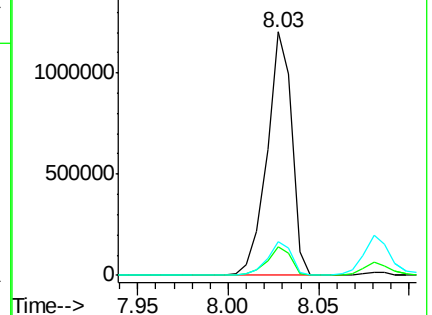
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.591 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.04 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

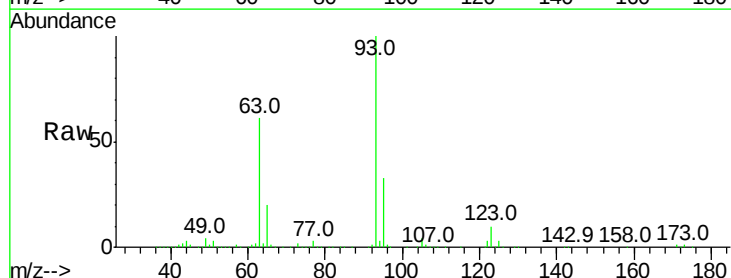
Tgt Ion:122 Resp: 26685

Ion Ratio Lower Upper

122 100

105 124.9 103.3 143.3

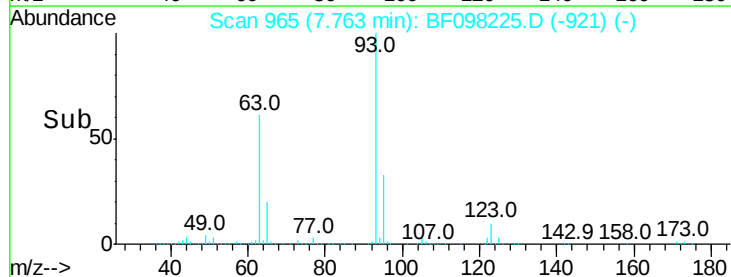
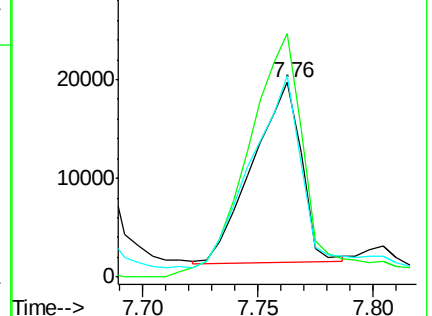
77 103.2 73.7 113.7

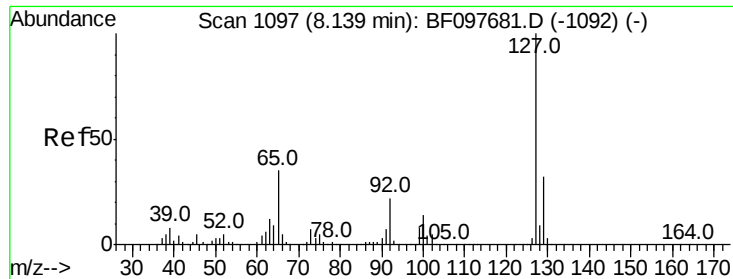


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





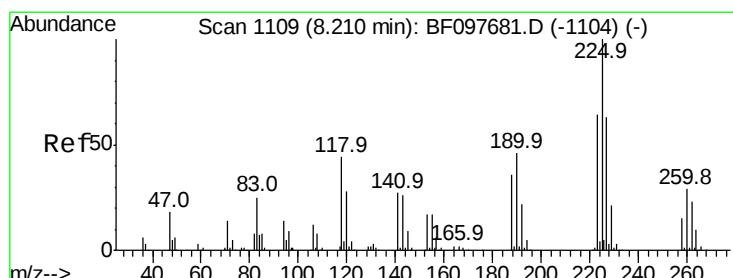
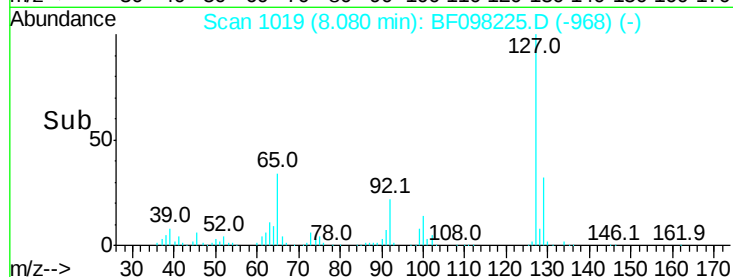
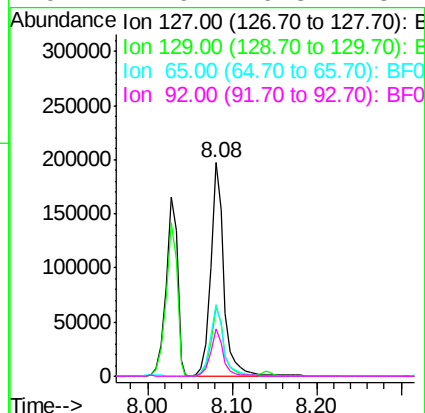
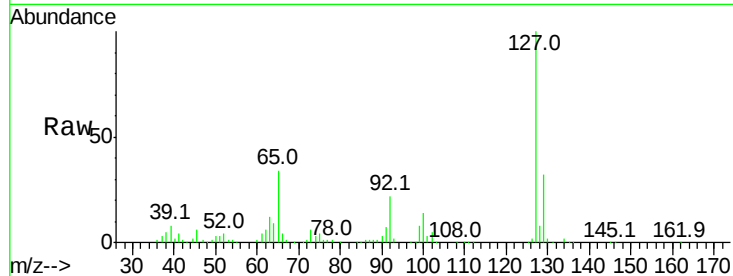
#33
4-Chloroaniline
Concen: 20.763 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion:	127	Resp:	215898
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.2	39.2
65	33.9	27.8	41.8
92	21.9	16.8	25.2

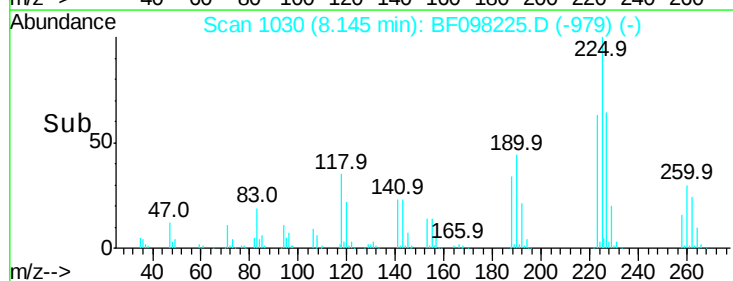
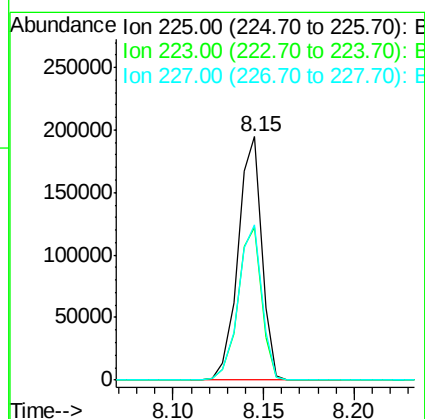
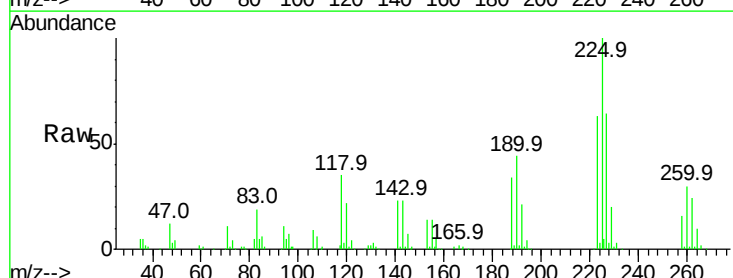
Manual Integrations
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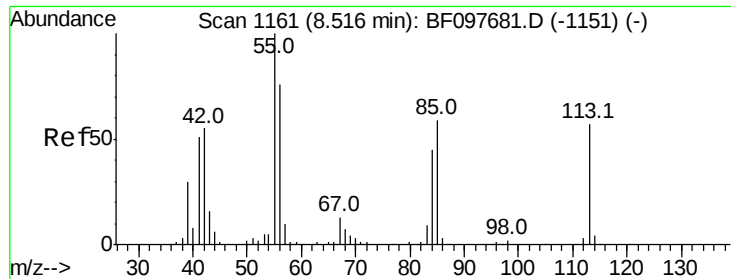
mohammad
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#34
Hexachlorobutadiene
Concen: 43.462 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion:	225	Resp:	177035
Ion Ratio	Lower	Upper	
225	100		
223	62.9	48.8	73.2
227	63.9	51.1	76.7





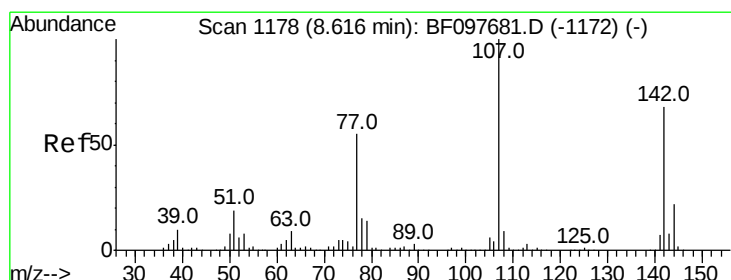
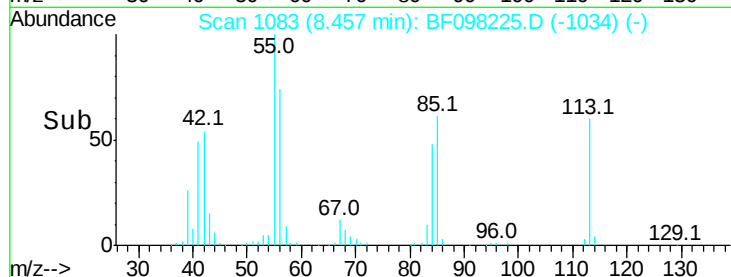
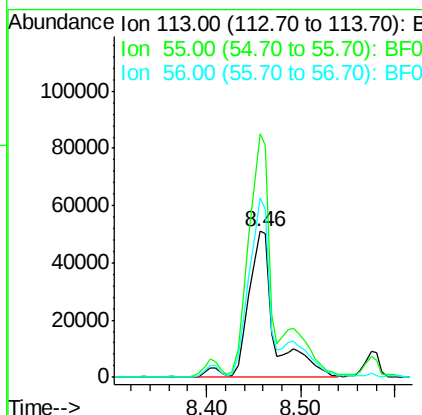
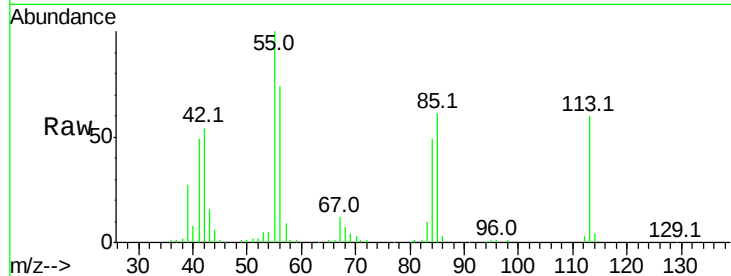
#35
 Caprolactam
 Concen: 46.859 ng/ml
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.9	150.2	190.2
56	122.8	107.8	147.8

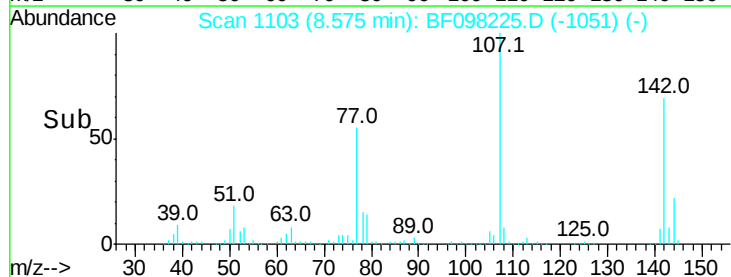
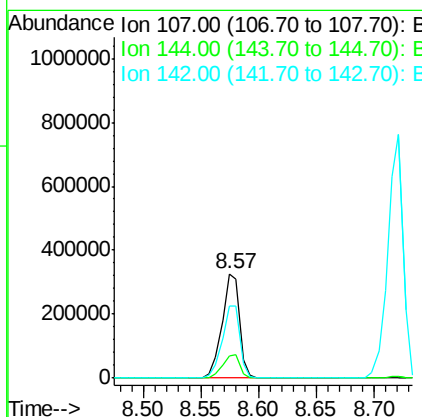
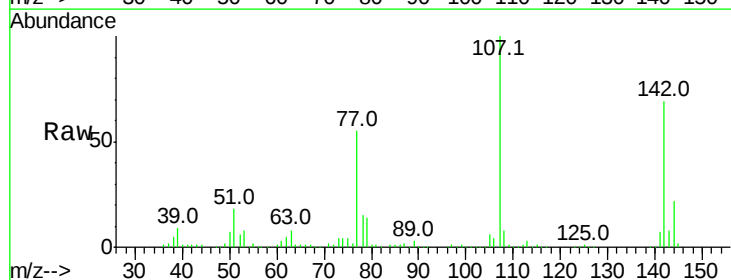
Manual Integrations
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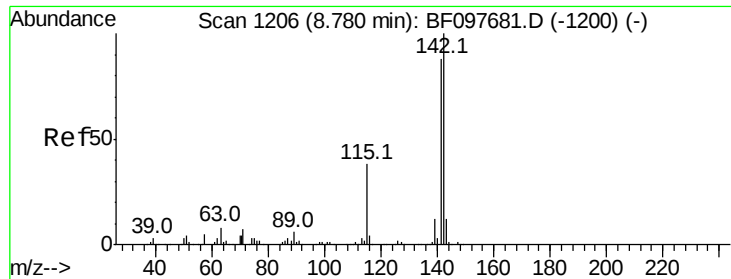
mohammad
 9/5/2017 5:22:11 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.598 ng/ml
 RT: 8.57 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.8	24.2	36.4#
142	69.4	73.4	110.0#





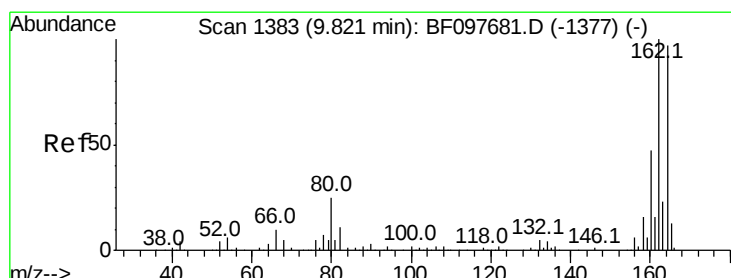
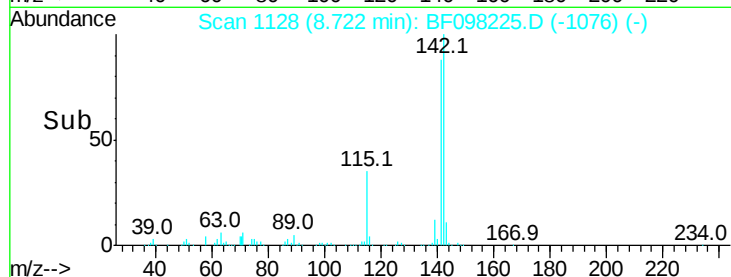
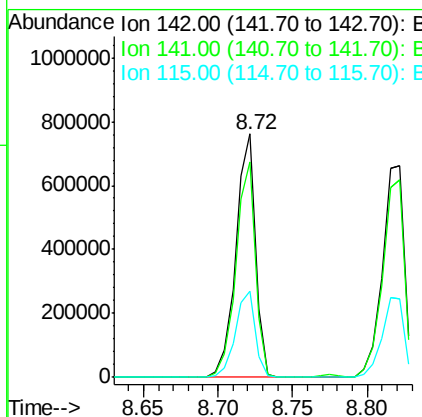
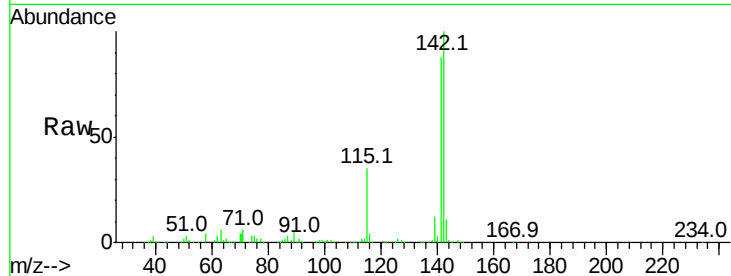
#37
2-Methylnaphthalene
Concen: 46.672 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.3	106.9
115	35.3	27.1	40.7

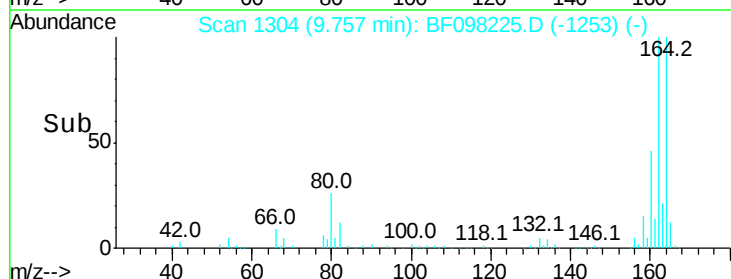
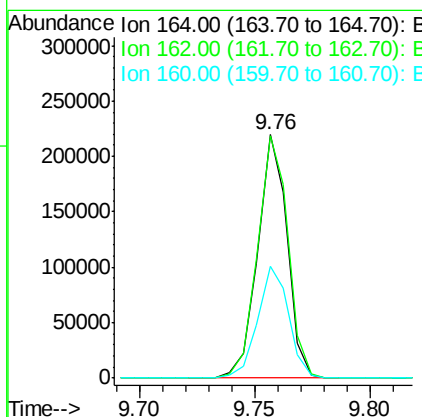
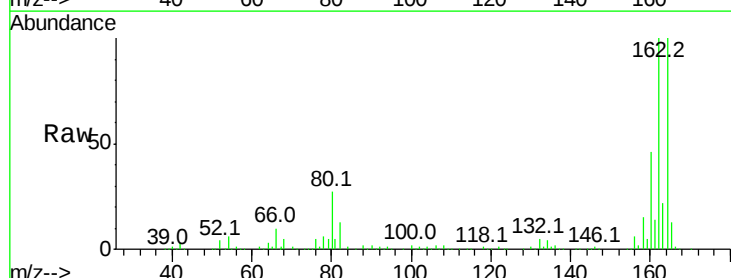
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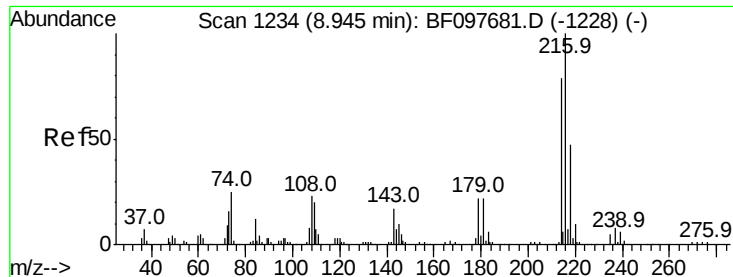
mohammad
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.6	123.8
160	45.9	36.2	54.2





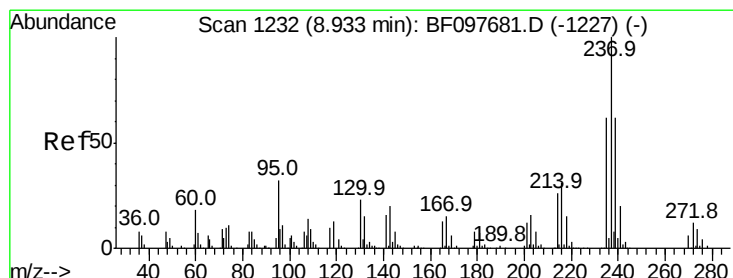
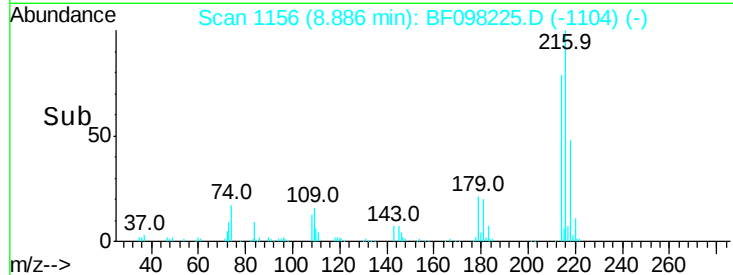
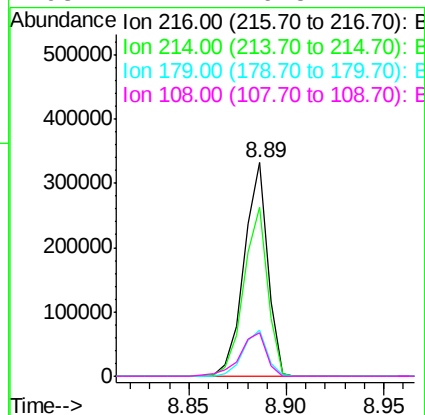
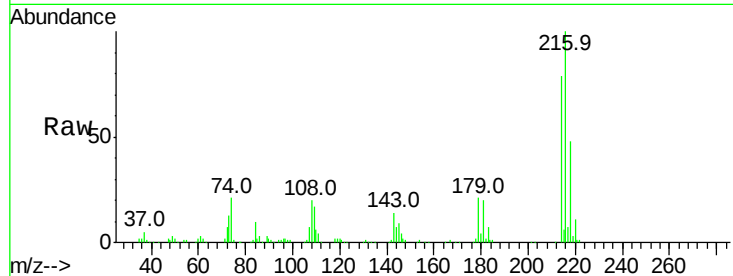
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.523 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	279107		
214	79.8	63.4	95.2	
179	21.7	17.9	26.9	
108	22.7	16.5	24.7	

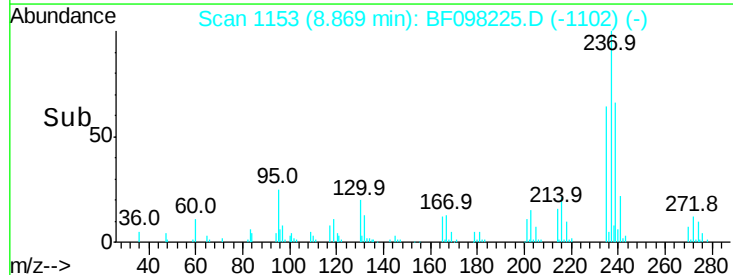
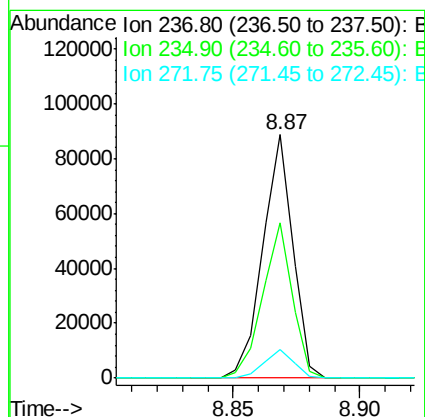
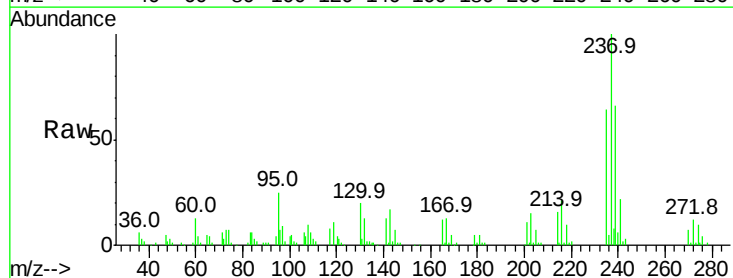
Manual Integrations
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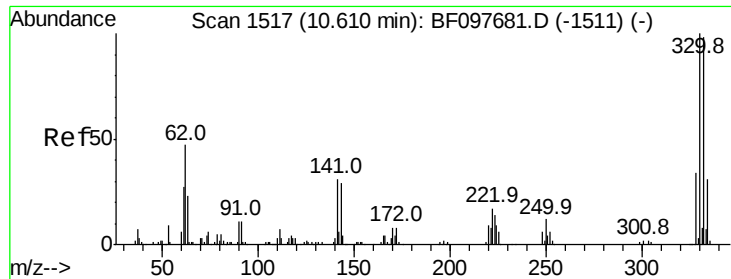
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#40
 Hexachlorocyclopentadiene
 Concen: 25.658 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	73949		
235	64.0	42.6	82.6	
272	11.9	0.0	31.9	





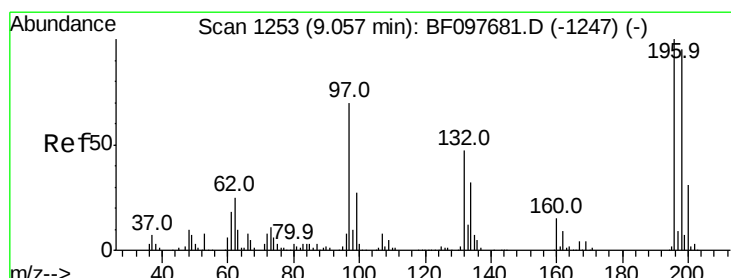
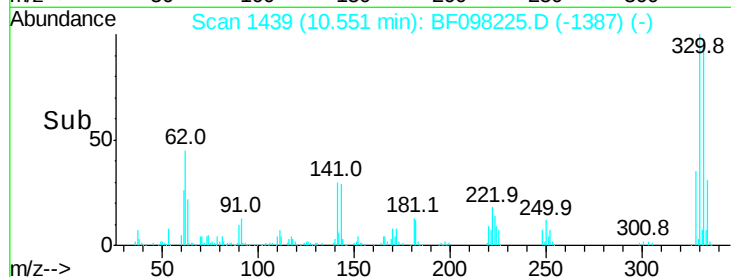
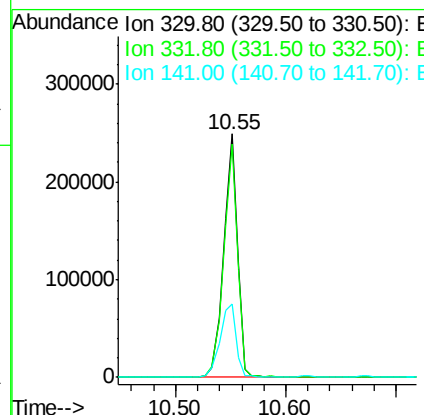
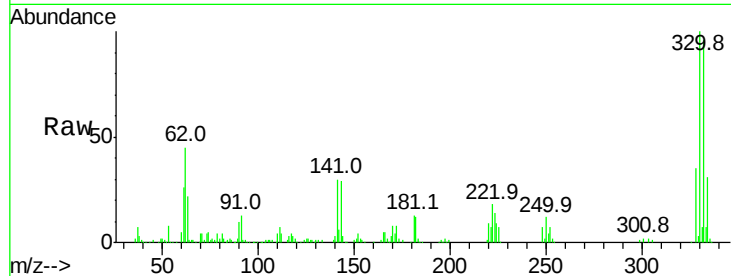
#41
 2,4,6-Tribromophenol
 Concen: 128.269 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	217562		
332	96.4	76.6	115.0	
141	35.3	31.4	47.2	

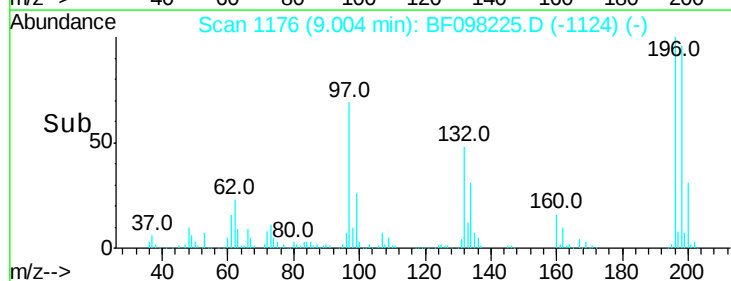
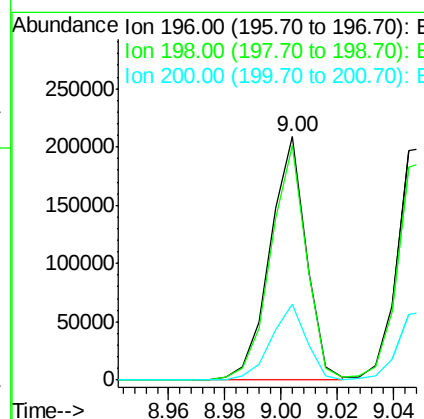
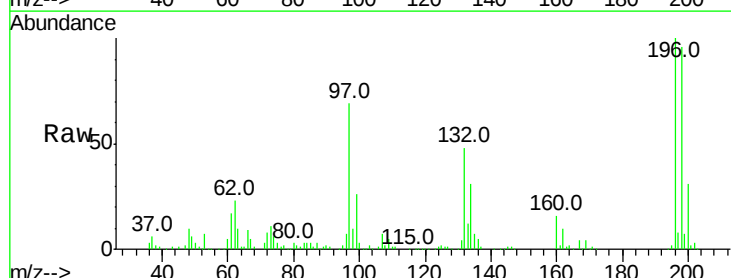
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#42
 2,4,6-Trichlorophenol
 Concen: 46.135 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185821		
198	96.2	74.2	111.4	
200	31.3	24.0	36.0	





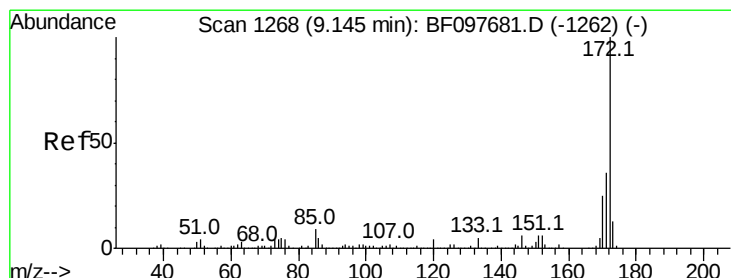
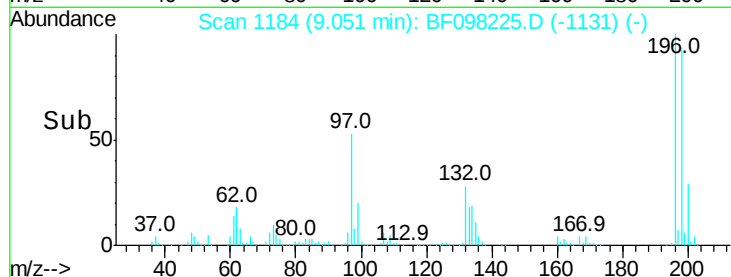
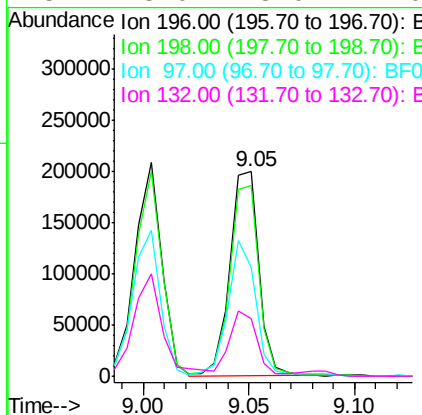
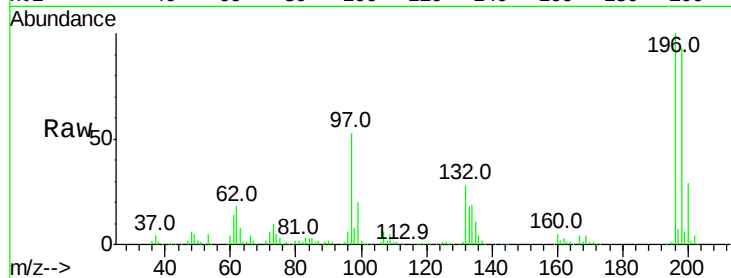
#43
 2,4,5-Trichlorophenol
 Concen: 47.282 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tot Ion:	196	Resp:	188930
Ion Ratio	Lower	Upper	
196	100		
198	93.3	75.7	113.5
97	53.3	47.7	71.5
132	28.0	28.0	42.0

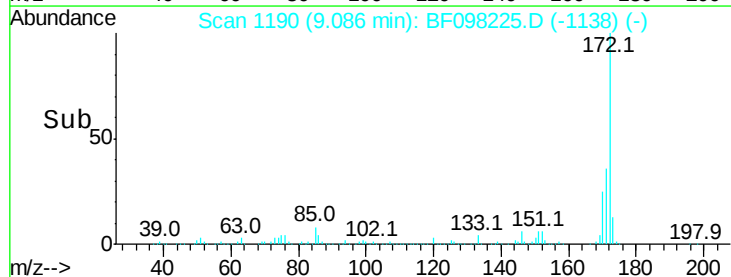
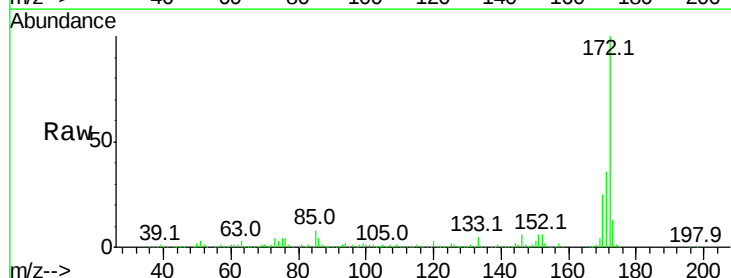
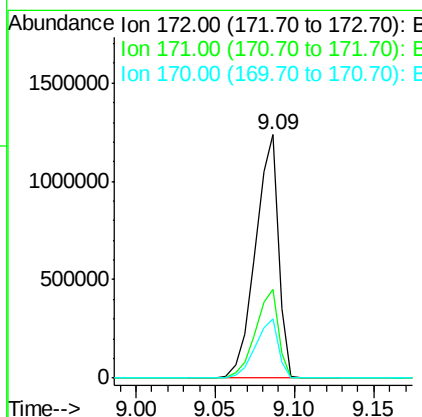
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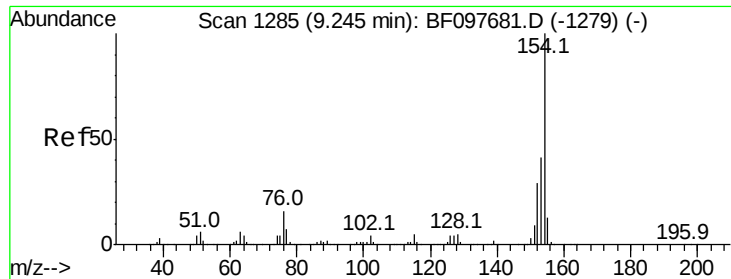
mohammad
 9/5/2017 5:22:11 PM



#44
 2-Fluorobiphenyl
 Concen: 94.155 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Tgt Ion:	172	Resp:	1252763
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.6	44.4
170	24.5	19.8	29.8





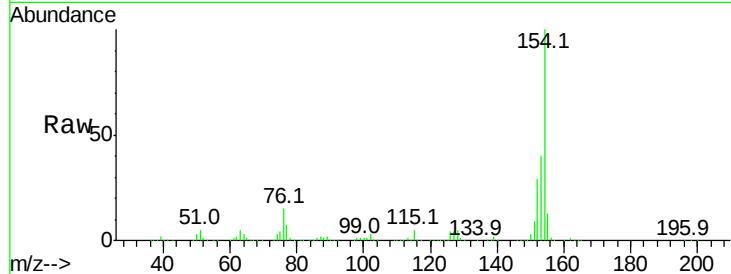
#45
 1,1'-Biphenyl
 Concen: 43.964 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

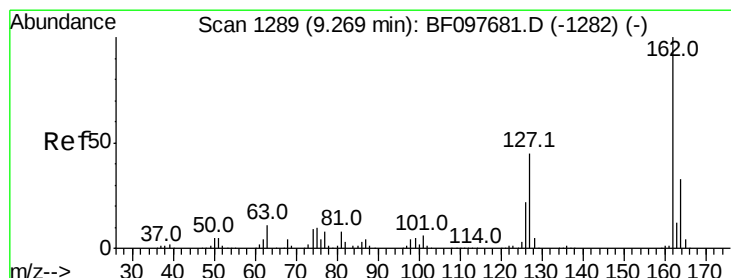
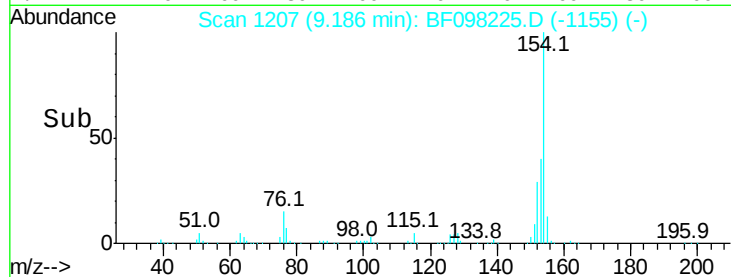
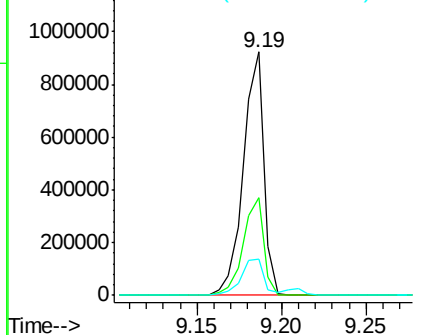
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	21.2	61.2	
76	14.9	0.0	29.9	

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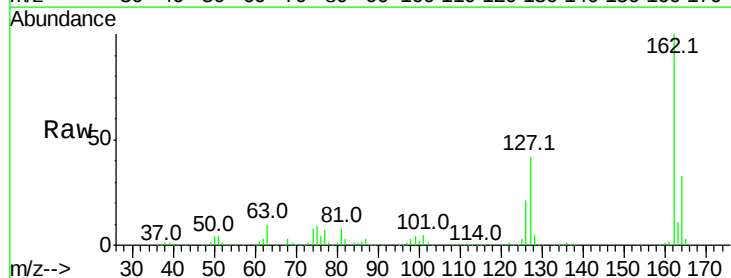


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

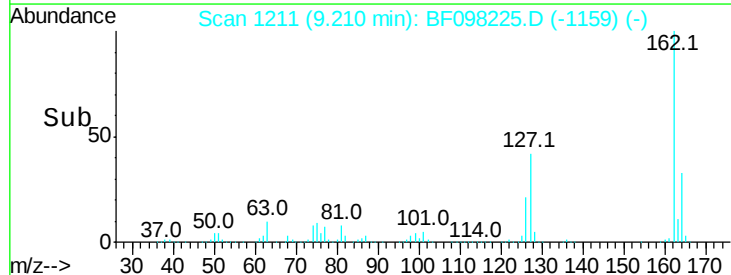
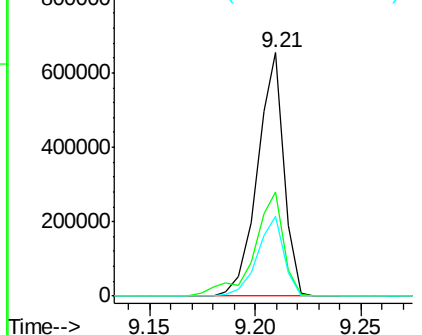


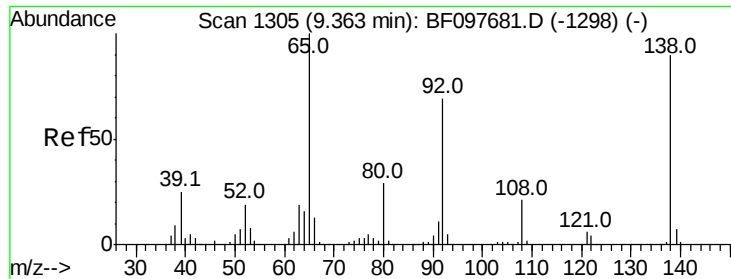
#46
 2-Chloronaphthalene
 Concen: 43.172 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.01 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

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





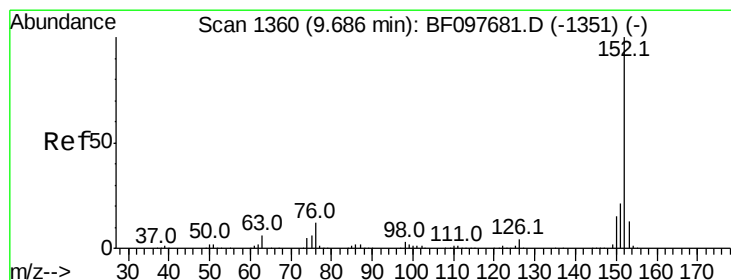
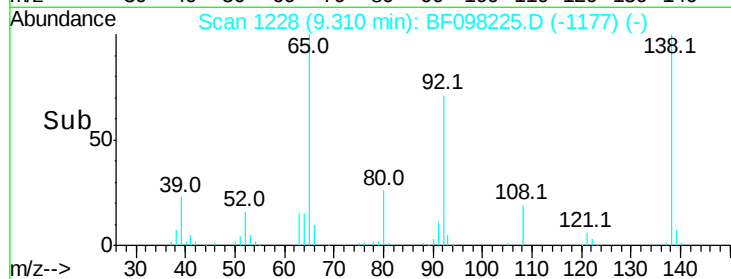
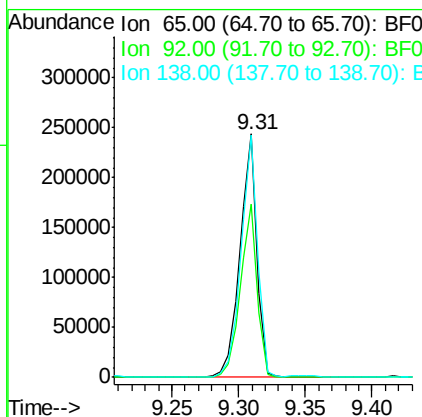
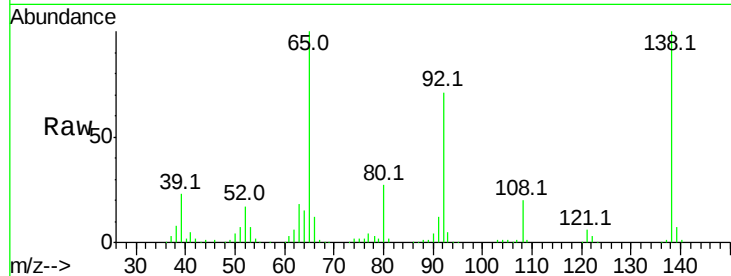
#47
2-Nitroaniline
Concen: 48.987 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.1	53.9	80.9
138	99.6	78.8	118.2

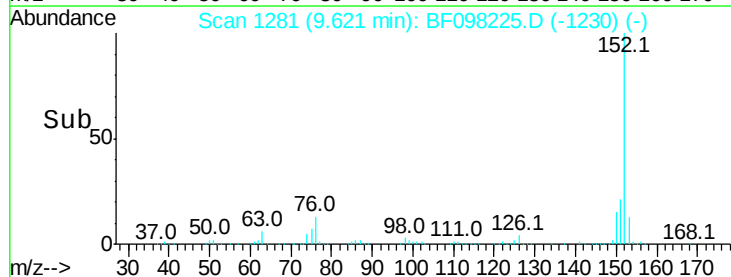
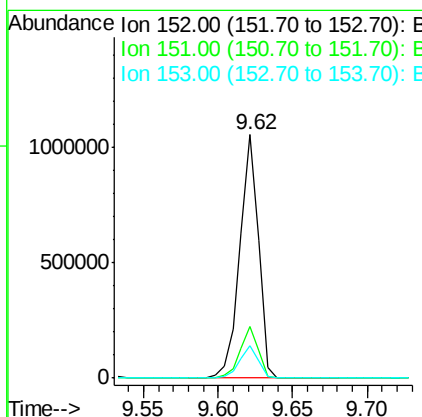
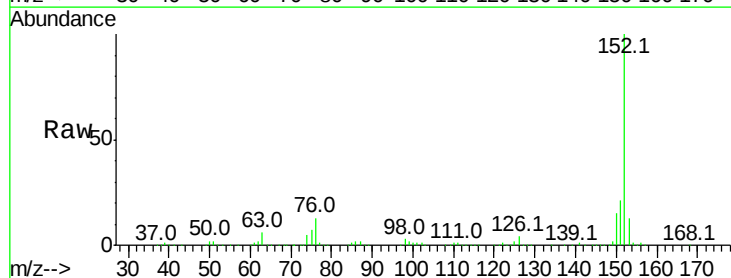
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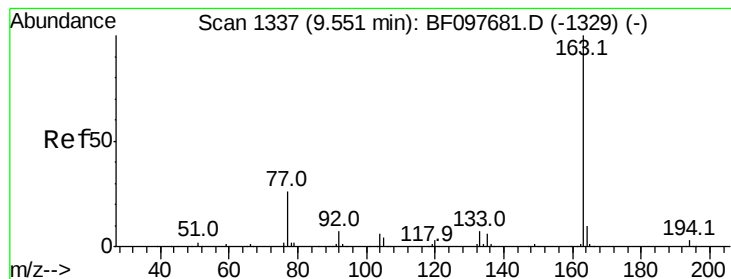
mohammad
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#48
Acenaphthylene
Concen: 44.522 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	13.1	10.8	16.2





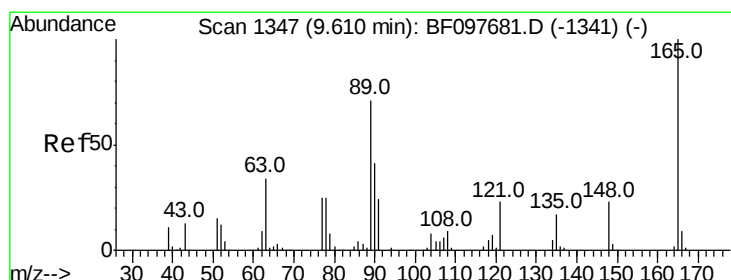
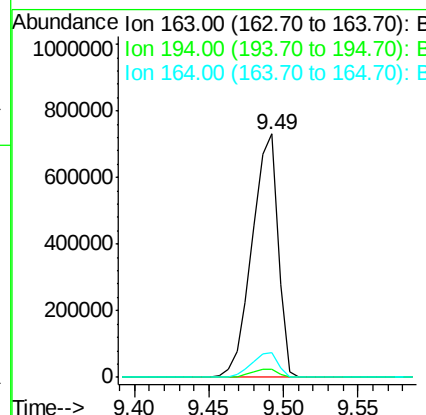
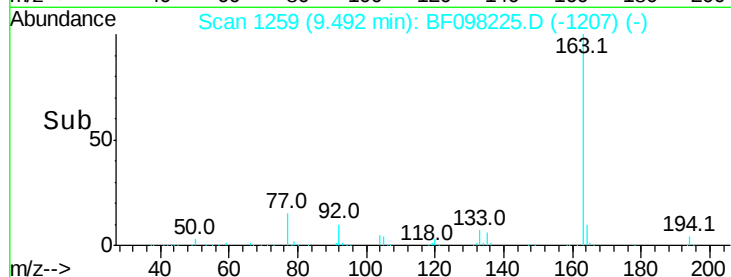
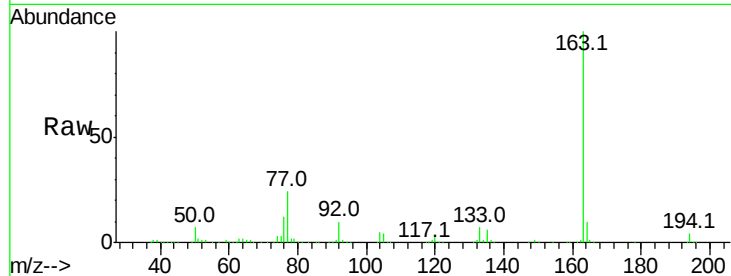
#49
Dimethylphthalate
Concen: 61.436 ng
RT: 9.49 min Scan# 1259
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.6	4.0	
164	10.3	8.4	12.6	

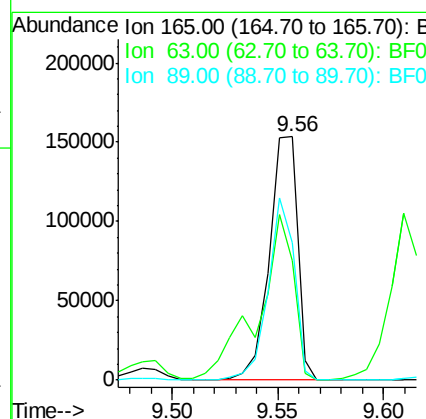
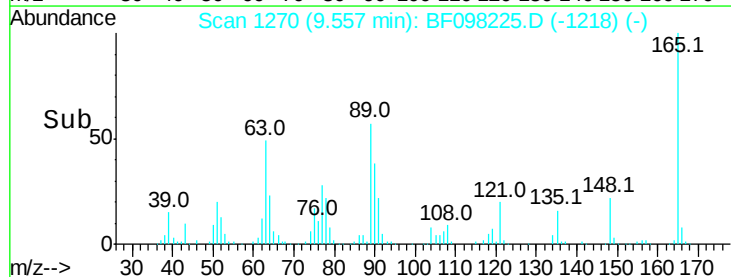
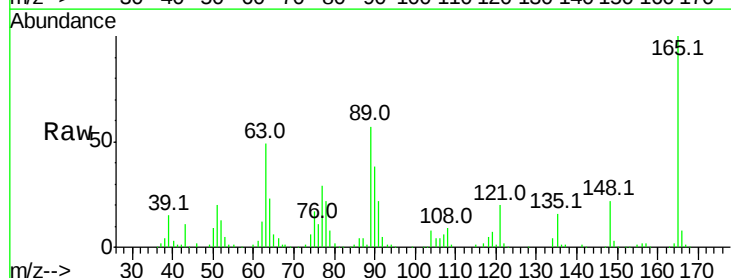
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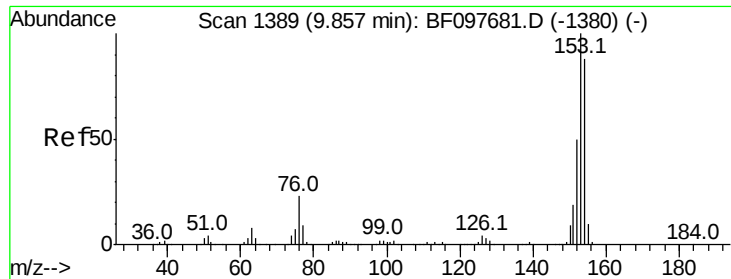
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#50
2,6-Dinitrotoluene
Concen: 50.542 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.1	34.3	51.5	
89	56.6	37.1	55.7	





#51

Acenaphthene

Concen: 45.710 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Instrument :

BNA_F

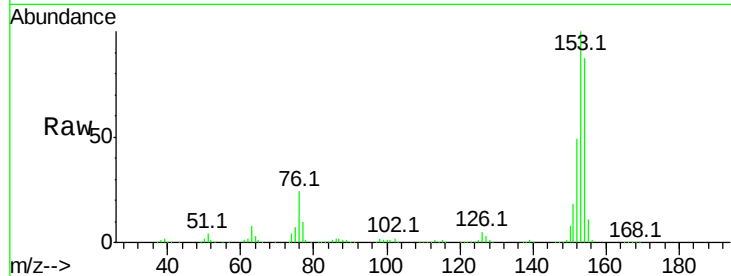
ClientSampleId :

SB-14-COMPMS

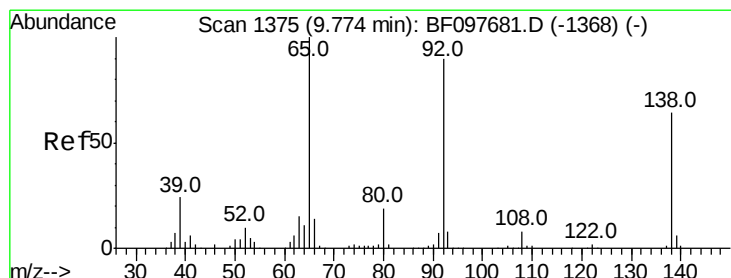
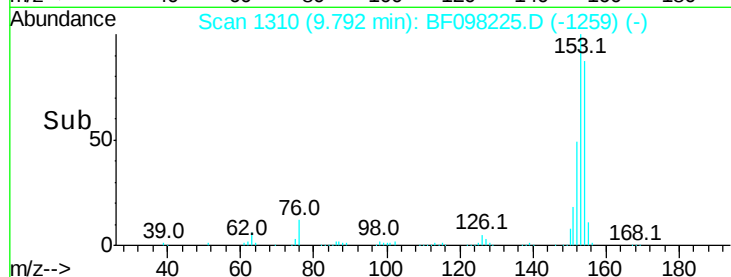
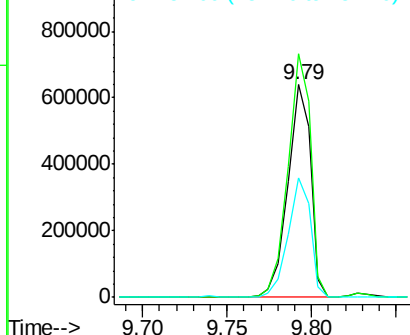
Tot Ion:	154	Resp:	596289
Ion Ratio	Lower	Upper	
154	100		
153	114.5	90.5	135.7
152	56.2	43.6	65.4

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



#52

3-Nitroaniline

Concen: 35.517 ng

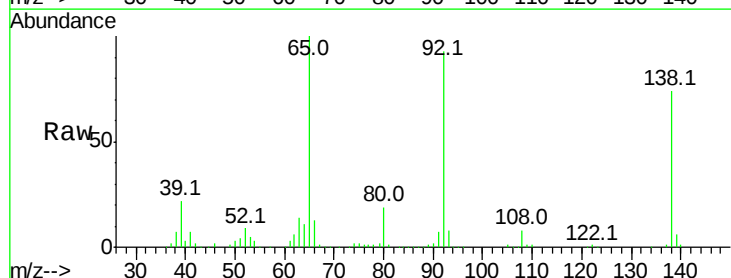
RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

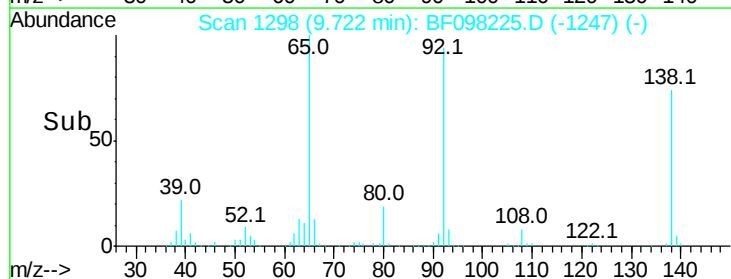
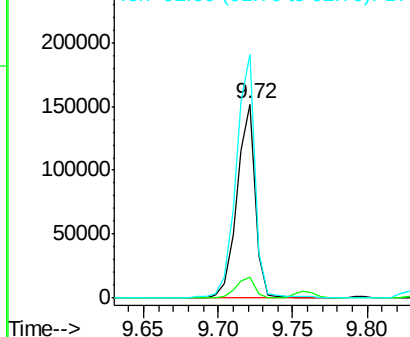
Lab File: BF098225.D

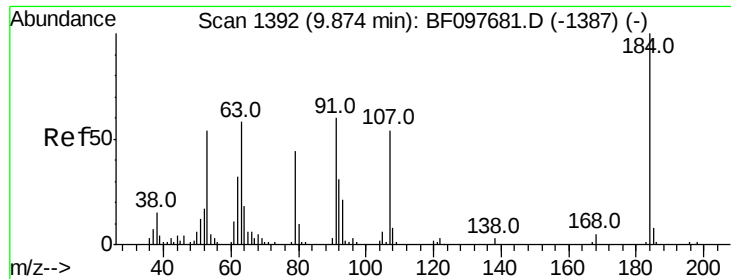
Acq: 1 Sep 2017 14:35

Tgt Ion:	138	Resp:	130703
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.1	13.7
92	125.7	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





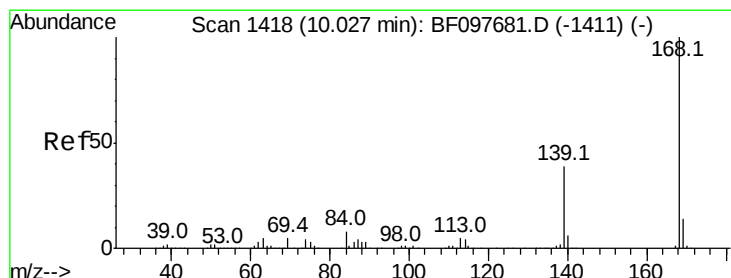
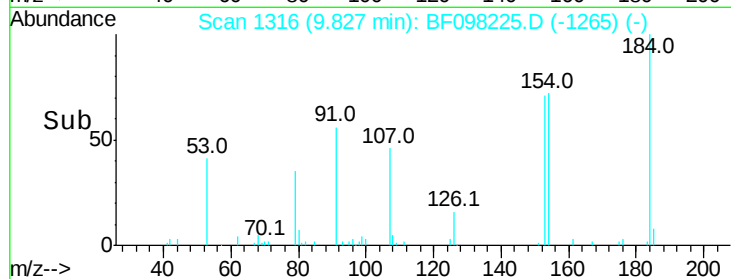
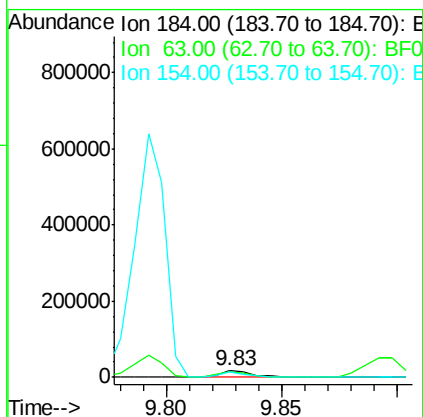
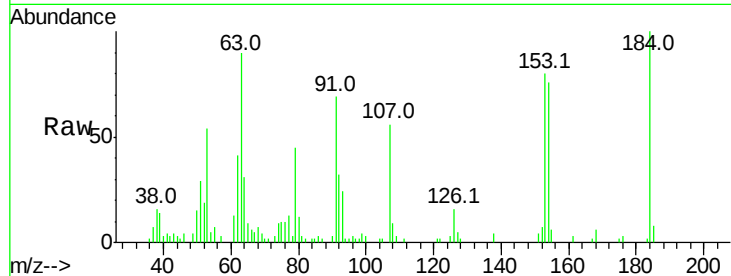
#53
2,4-Dinitrophenol
Concen: 21.545 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Lower	Upper
184	100		
63	90.3	62.7	94.1
154	75.8	81.1	121.7#

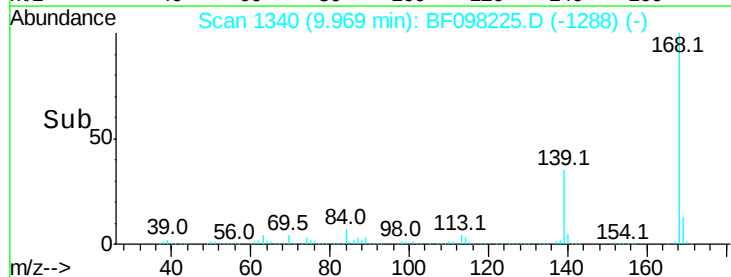
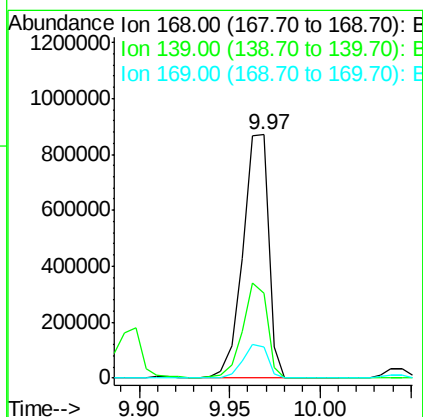
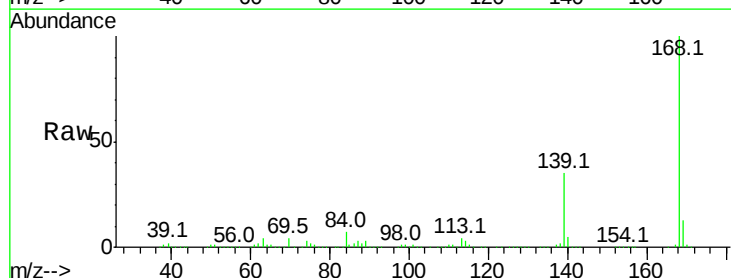
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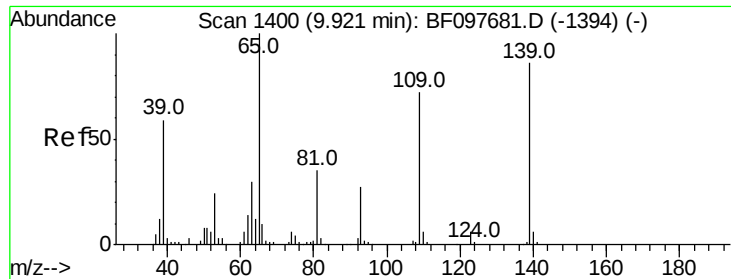
mohammad
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#54
Dibenzofuran
Concen: 48.876 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.7	30.6	45.8
169	12.7	10.8	16.2





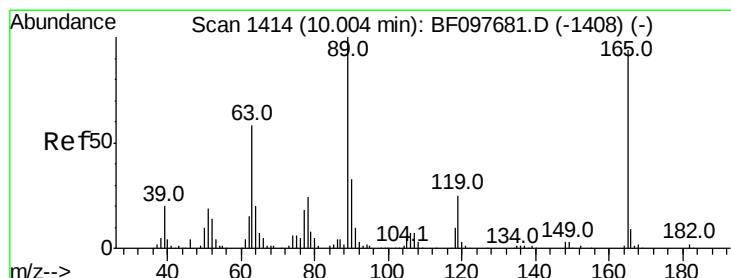
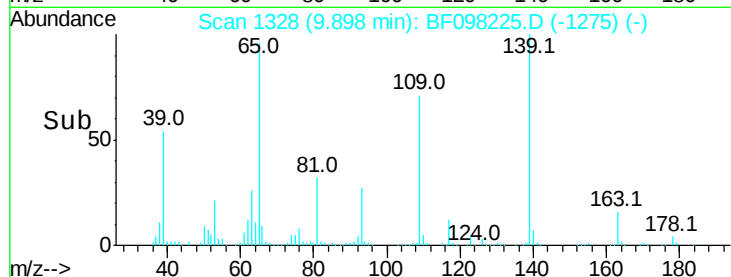
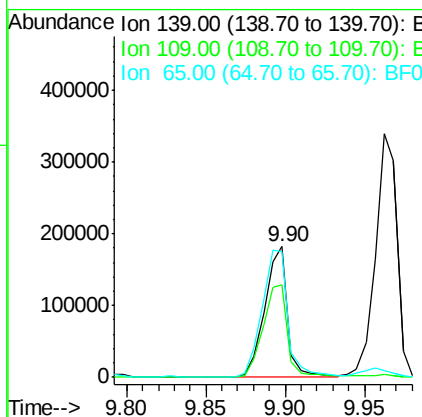
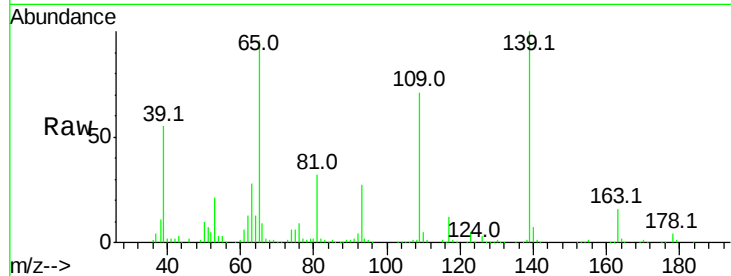
#55
4-Nitrophenol
Concen: 62.912 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.0	34.1	74.1	
65	96.3	31.4	71.4	

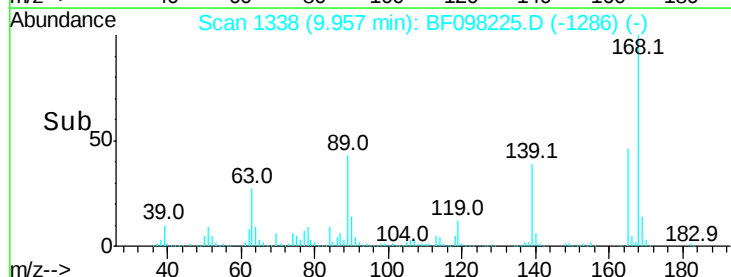
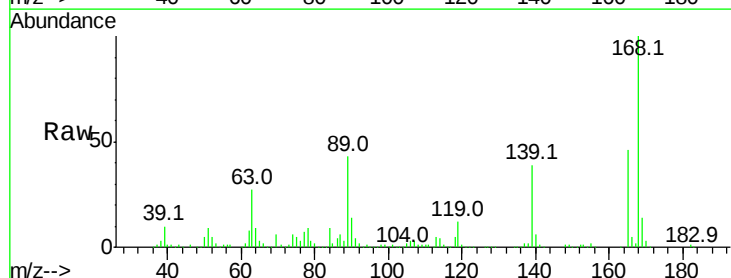
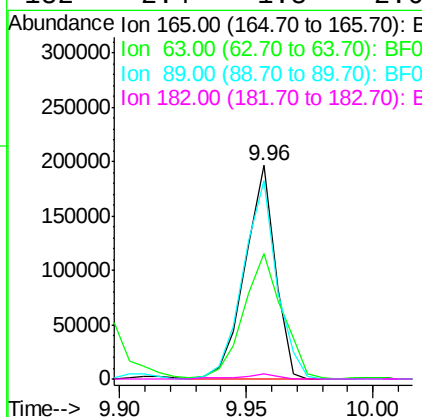
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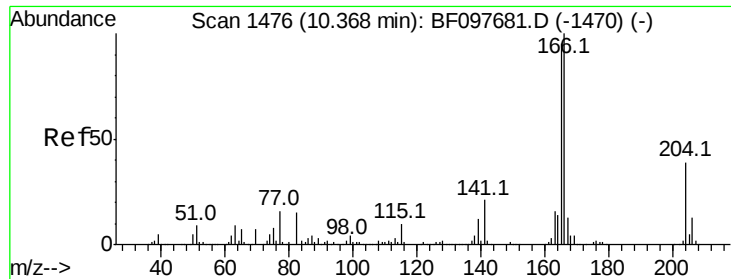
mohammad
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#56
2,4-Dinitrotoluene
Concen: 45.795 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.5	25.4	38.0	
89	93.0	46.4	69.6	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 47.248 ng

RT: 10.31 min Scan# 1398

Delta R.T. 0.01 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMS

Tot Ion:166 Resp: 638657

Ion Ratio Lower Upper

166 100

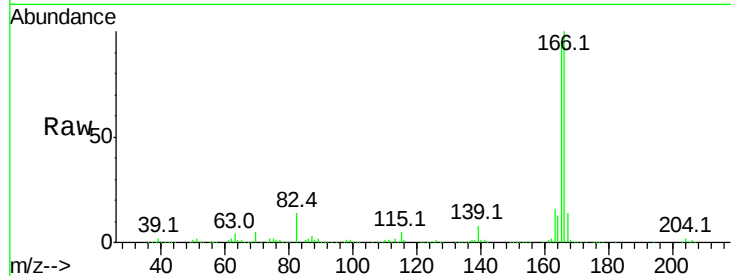
165 94.8 78.8 118.2

167 13.6 10.6 16.0

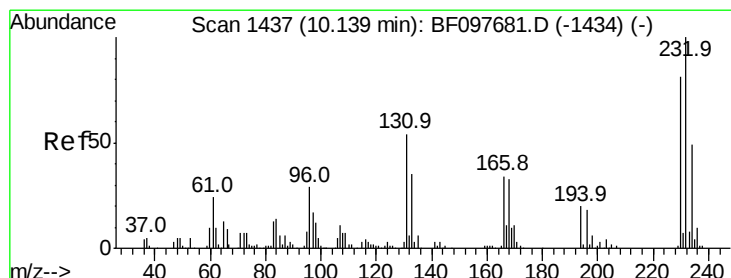
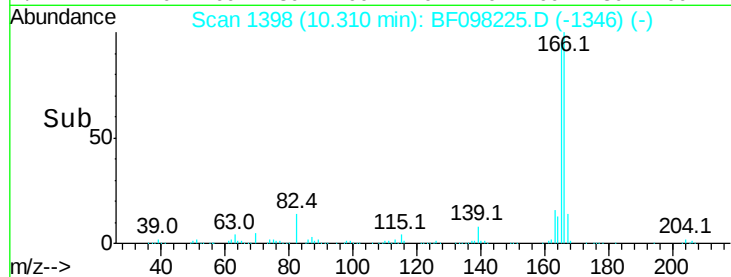
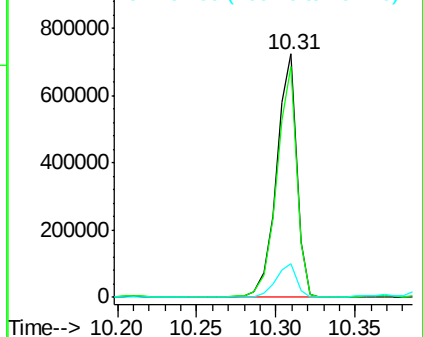
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.780 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Tgt Ion:232 Resp: 135441

Ion Ratio Lower Upper

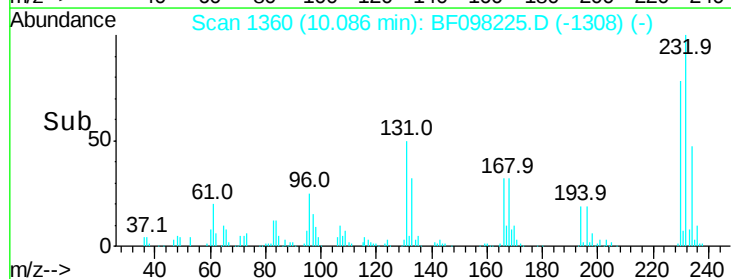
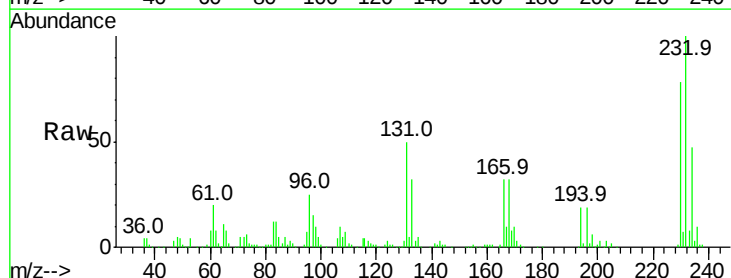
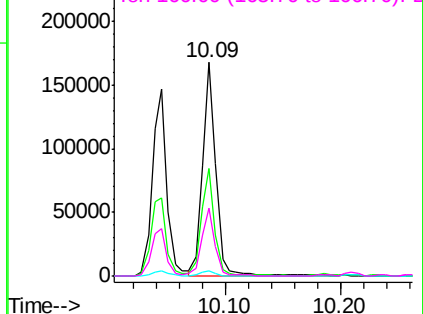
232 100

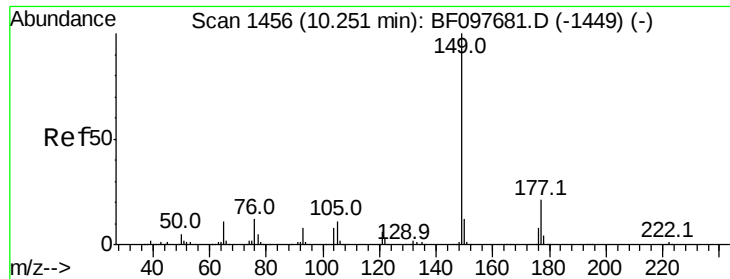
131 49.7 44.8 67.2

130 2.8 2.3 3.5

166 31.7 29.0 43.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





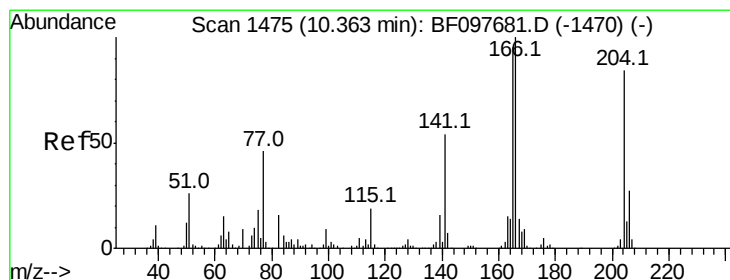
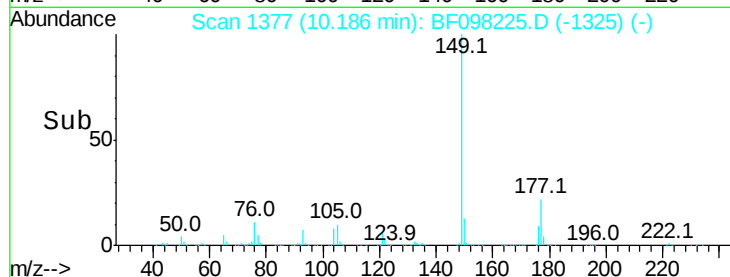
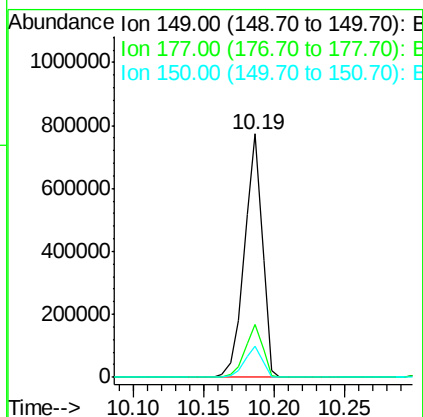
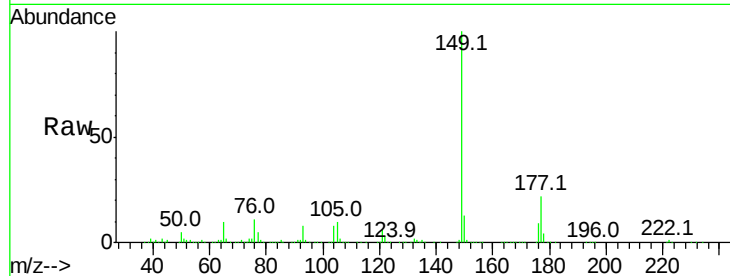
#59
Diethylphthalate
Concen: 45.529 ng
RT: 10.19 min Scan# 1377
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	680338		
177	21.7		16.7	25.1
150	13.0		10.2	15.2

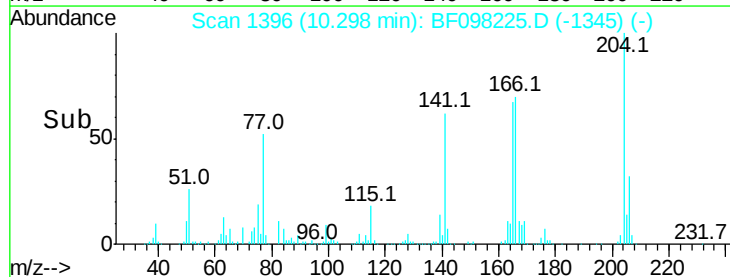
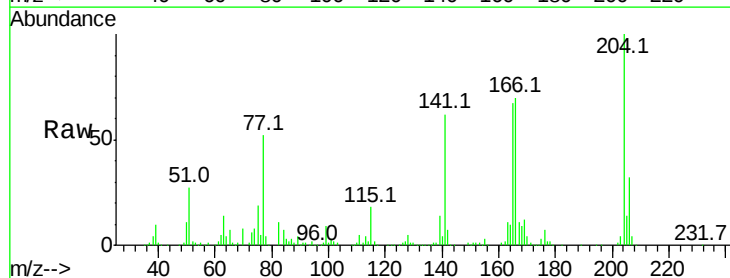
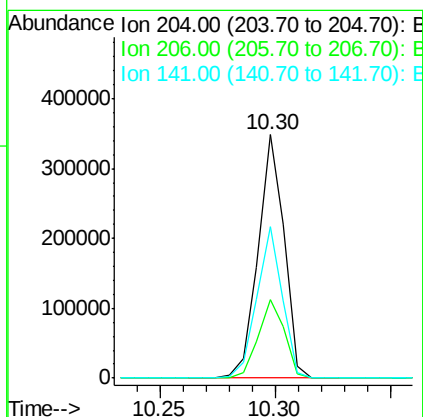
Manual Integrations
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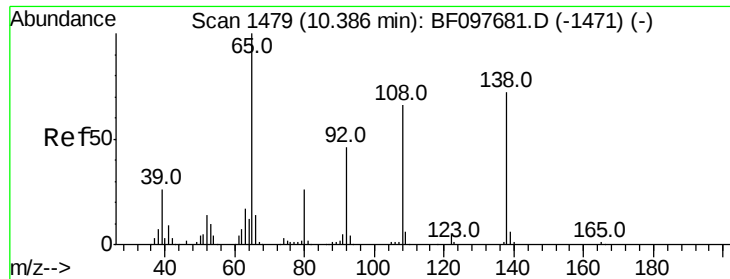
mohammad
9/5/2017 5:22:11 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.639 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	274038		
206	32.4		26.2	39.2
141	62.1		60.8	91.2





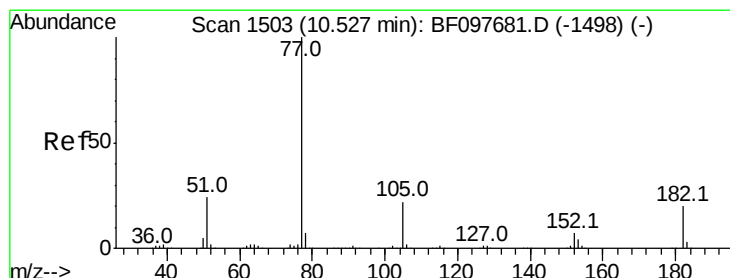
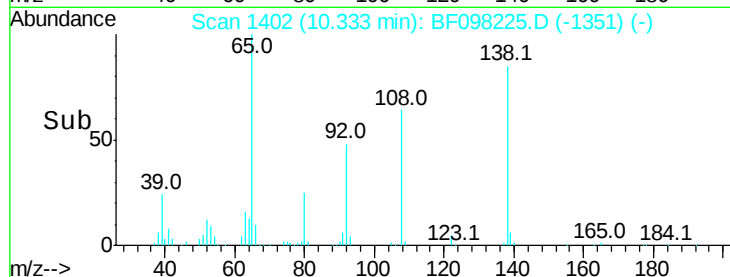
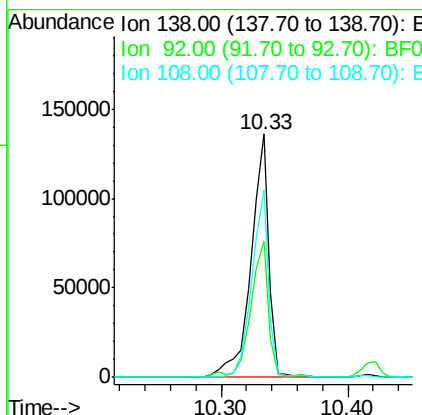
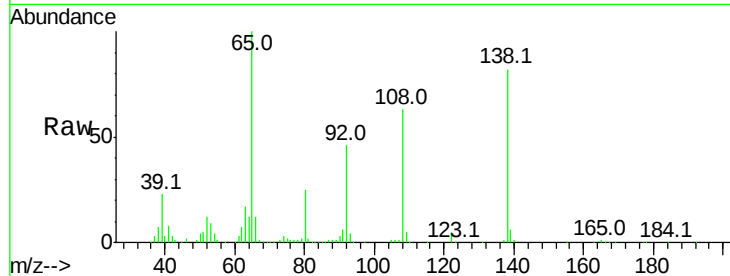
#61
4-Nitroaniline
Concen: 38.517 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.0	21.8	61.8
108	76.9	42.3	82.3

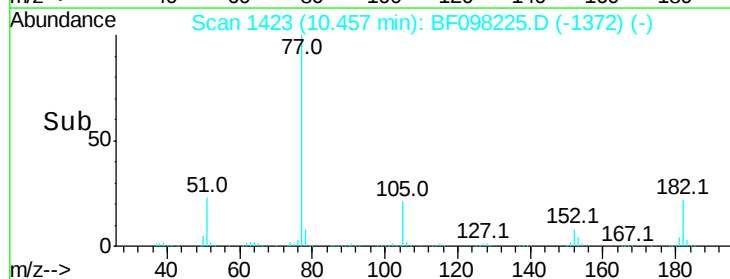
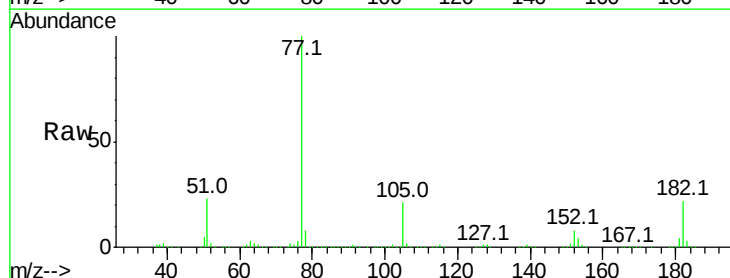
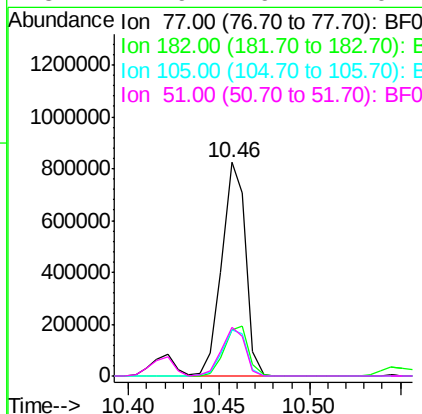
Manual Integrations
APPROVED

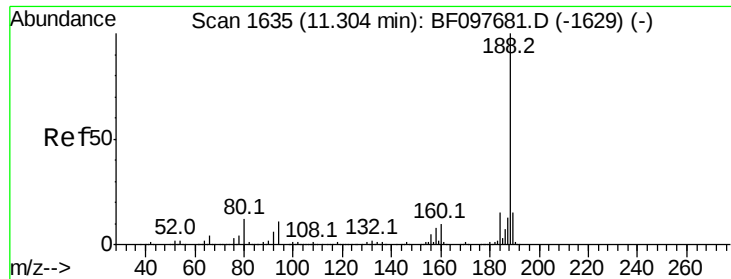
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#62
Azobenzene
Concen: 42.404 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.8	0.1	40.1
105	21.4	3.6	43.6
51	22.9	9.4	49.4





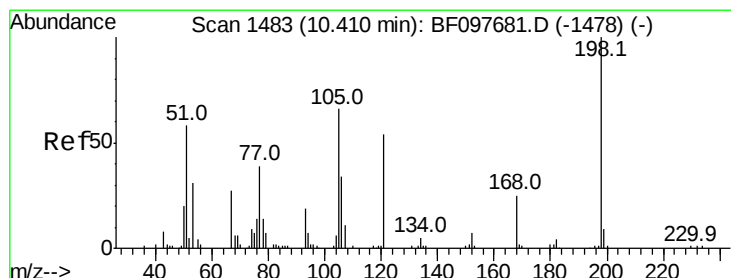
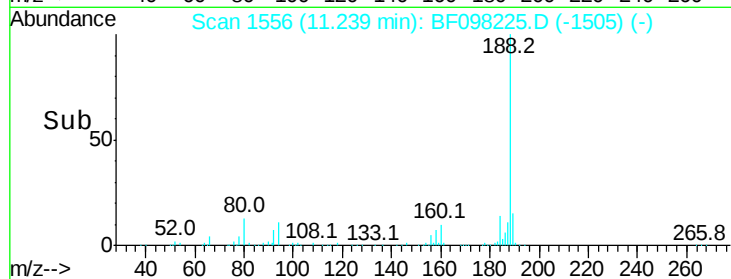
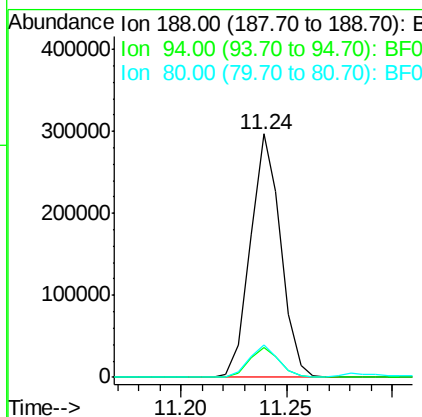
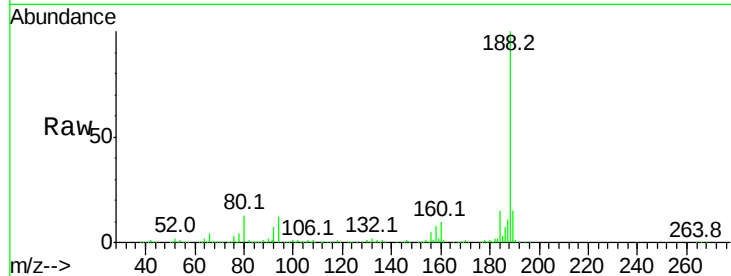
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.5	9.4	14.2
80	13.1	10.2	15.2

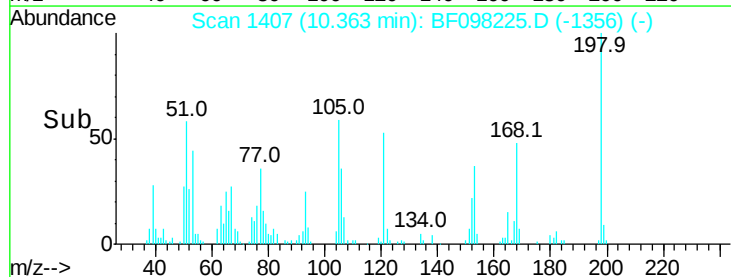
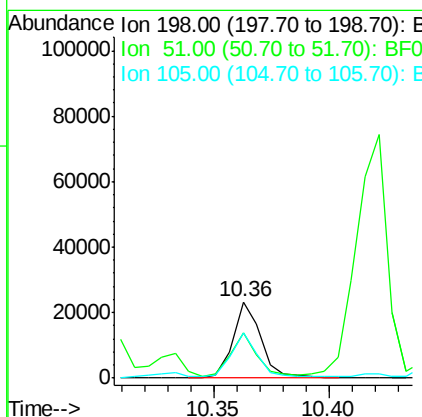
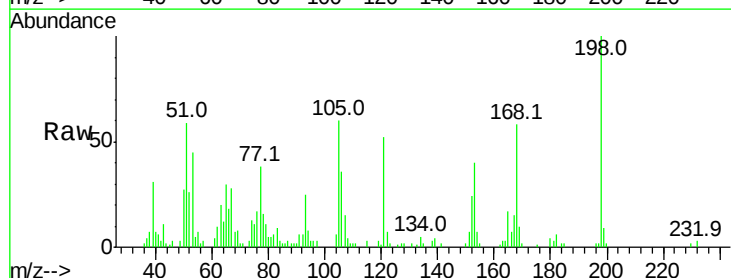
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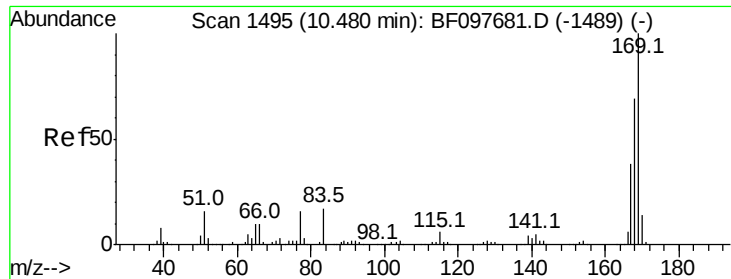
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 19.925 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	59.0	53.2	93.2
105	60.0	45.8	85.8





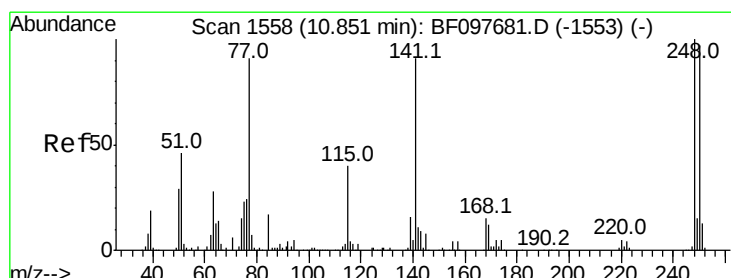
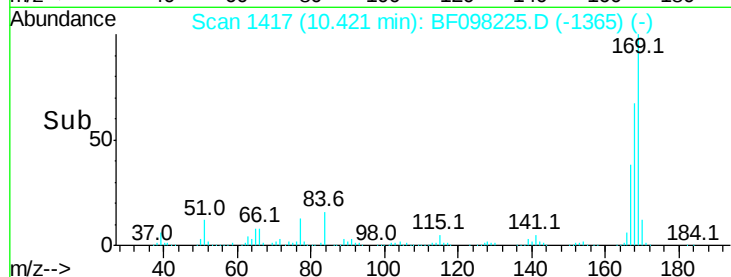
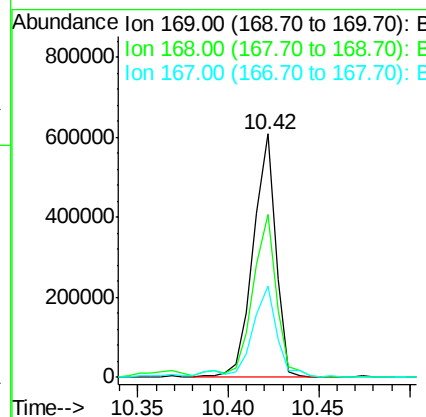
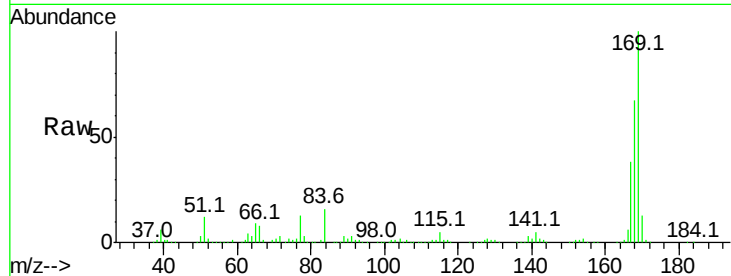
#65
n-Nitrosodiphenylamine
Concen: 52.178 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	523449		
168	66.9		53.2	79.8
167	37.6		29.5	44.3

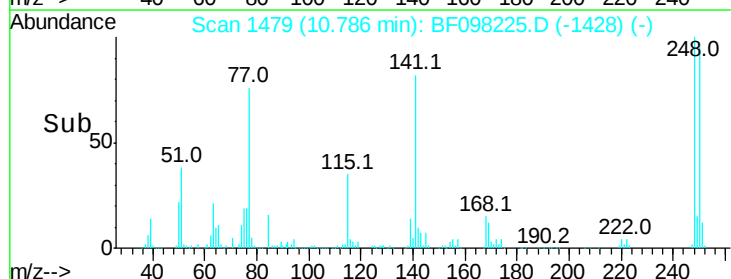
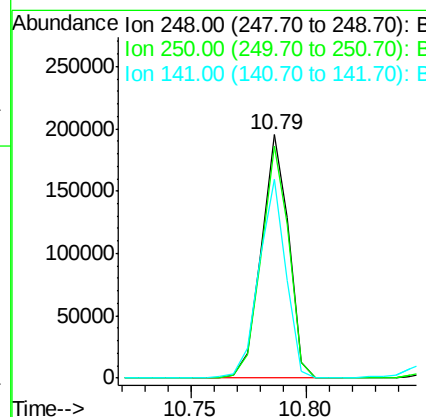
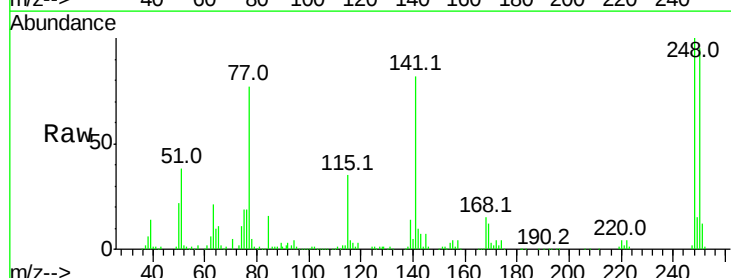
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#66
4-Bromophenyl-phenylether
Concen: 52.791 ng
RT: 10.79 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	161500		
250	95.1		76.8	115.2
141	81.8		68.6	103.0





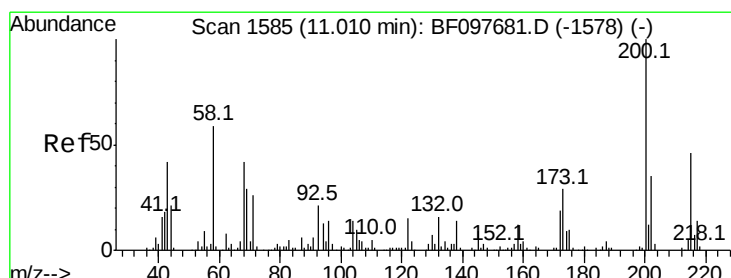
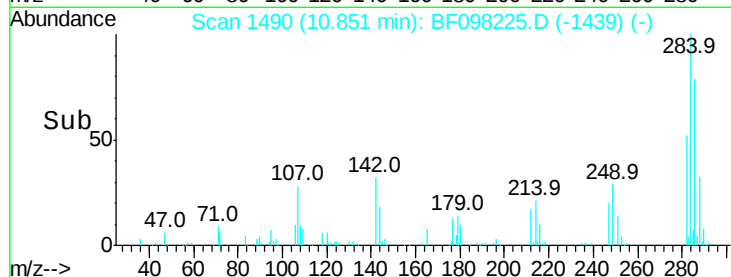
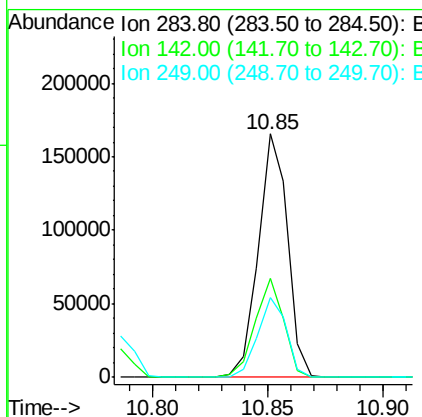
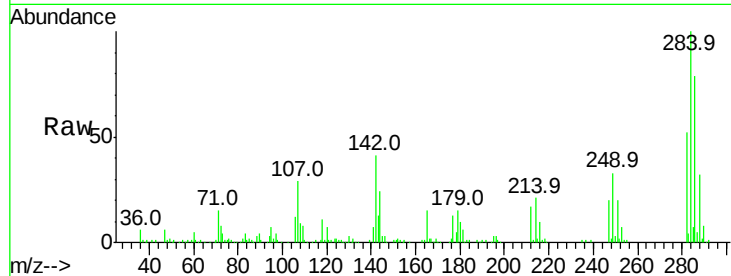
#67
Hexachlorobenzene
Concen: 46.803 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	40.8	22.8	34.2	#
249	32.7	24.0	36.0	

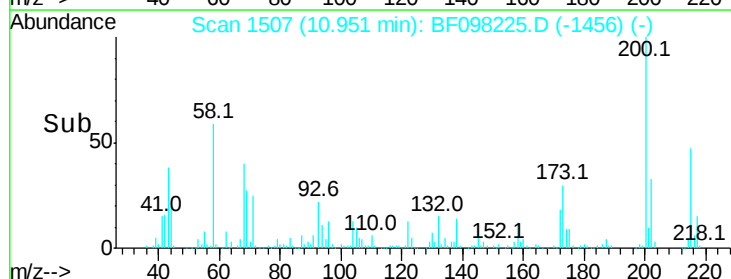
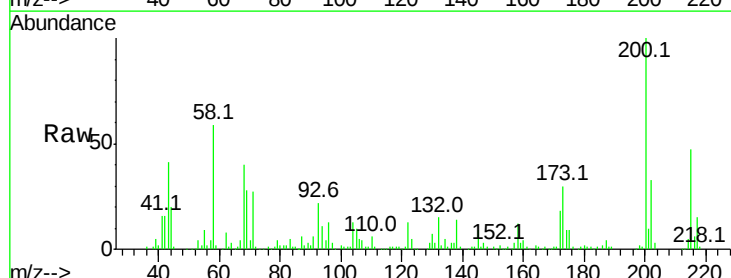
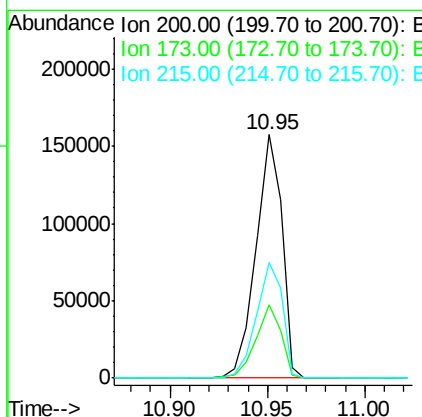
Manual Integrations
APPROVED

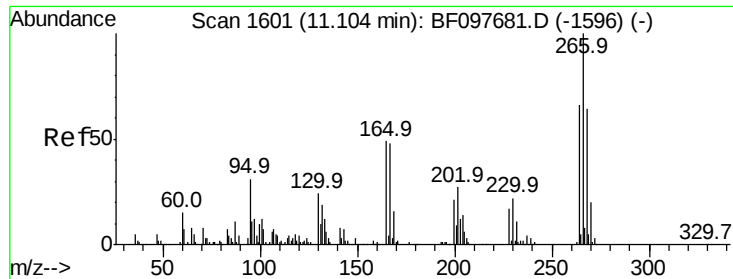
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#68
Atrazine
Concen: 54.904 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.1	6.3	46.3	
215	47.3	27.2	67.2	





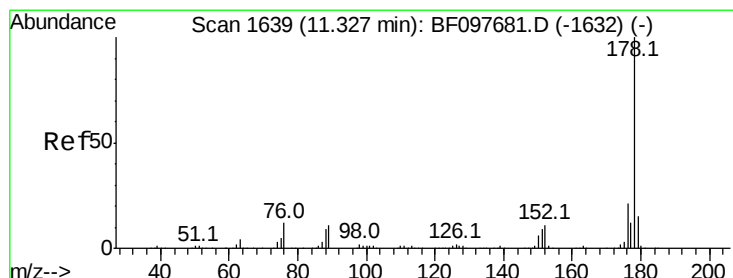
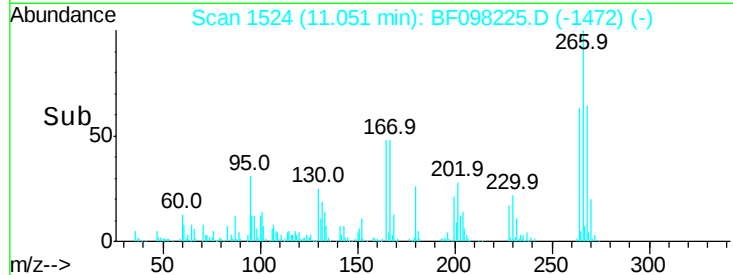
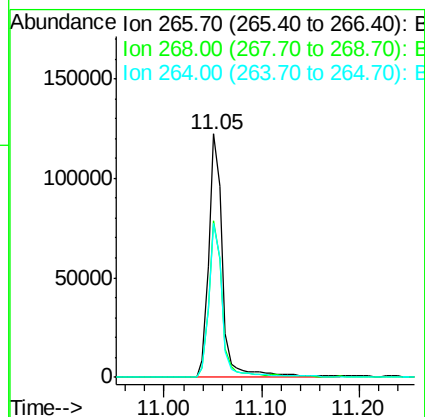
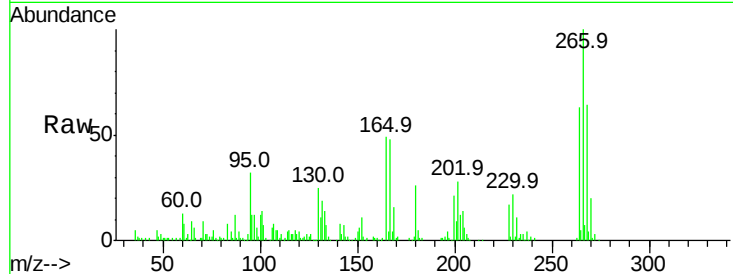
#69
 Pentachlorophenol
 Concen: 66.708 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	121280		
268	64.1	51.1	76.7	
264	63.2	51.7	77.5	

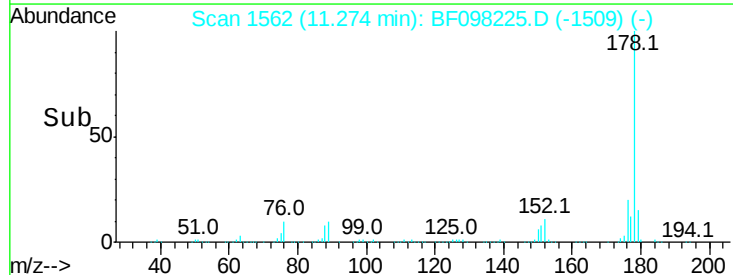
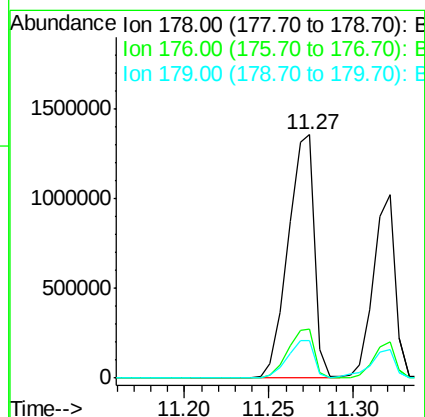
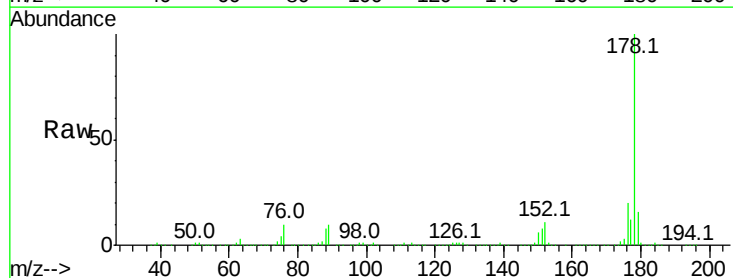
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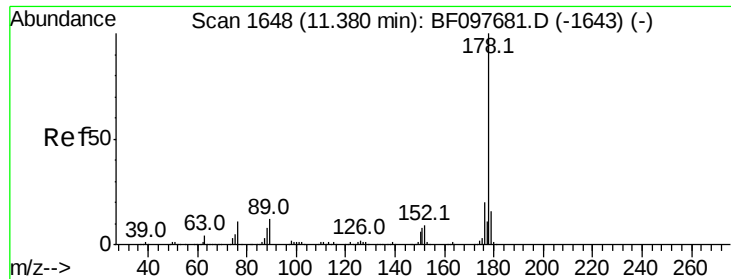
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#70
 Phenanthrene
 Concen: 94.127 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1477632		
176	20.2	16.2	24.4	
179	15.5	12.6	19.0	





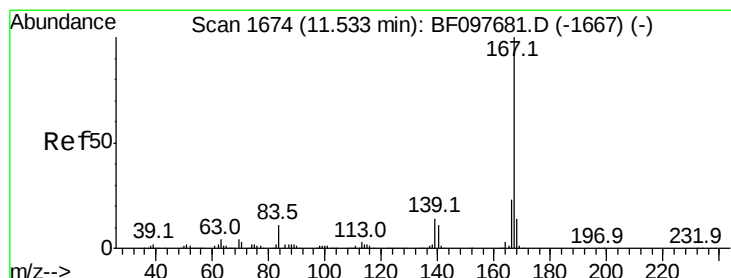
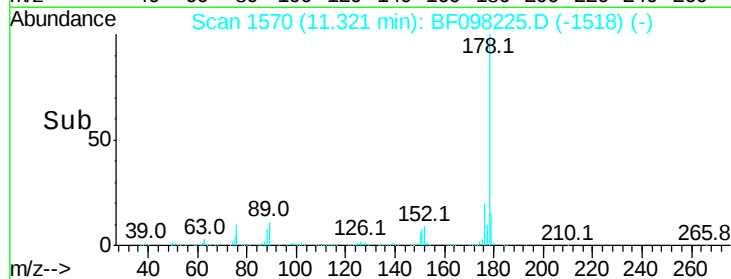
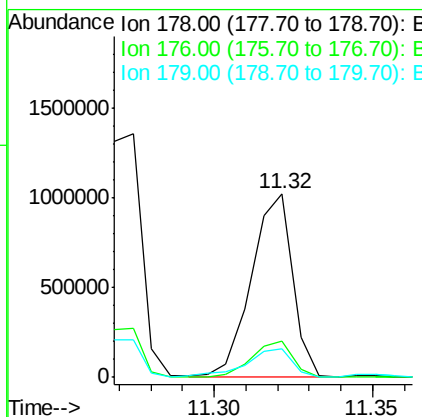
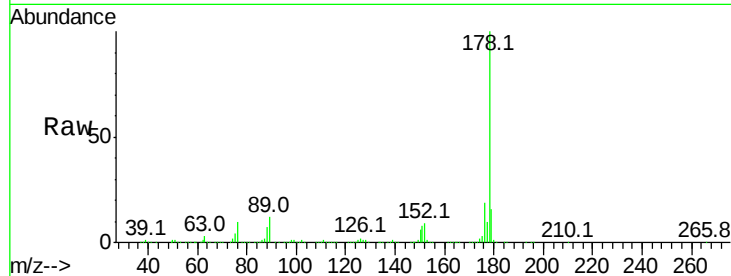
#71
 Anthracene
 Concen: 57.690 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.5	12.7	19.1

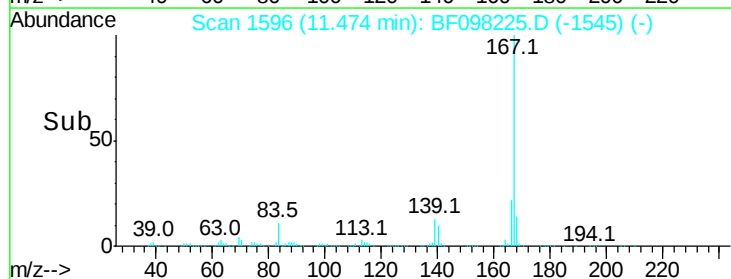
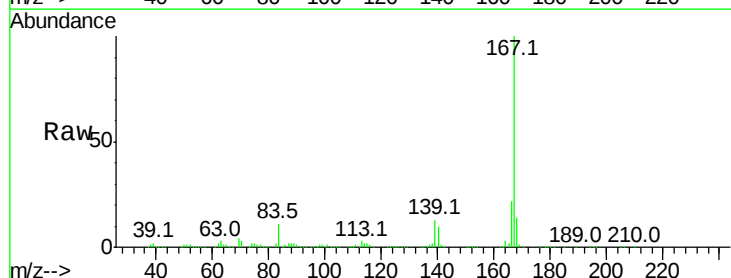
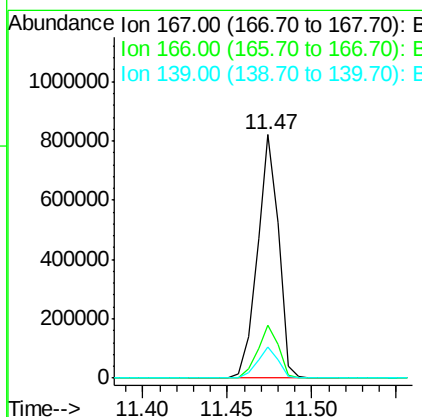
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#72
 Carbazole
 Concen: 47.368 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.0	11.7	17.5





#73

Di-n-butylphthalate

Concen: 52.057 ng

RT: 11.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Instrument :

BNA_F

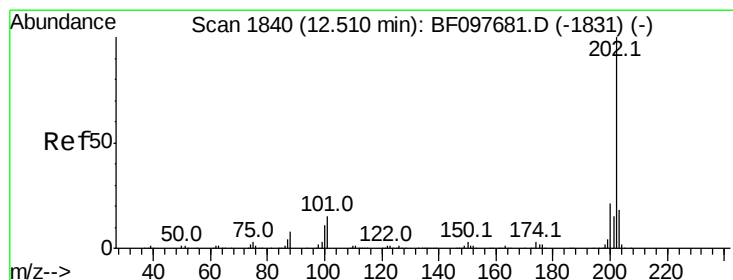
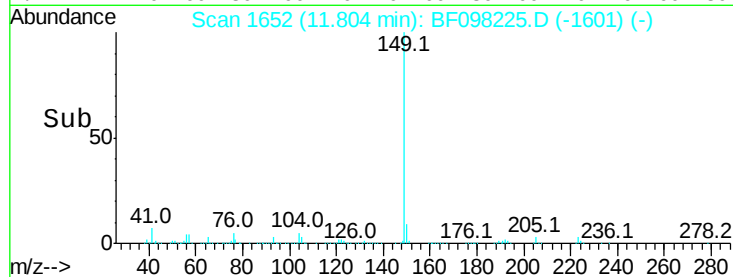
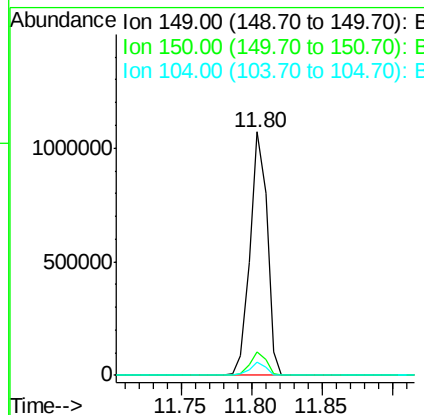
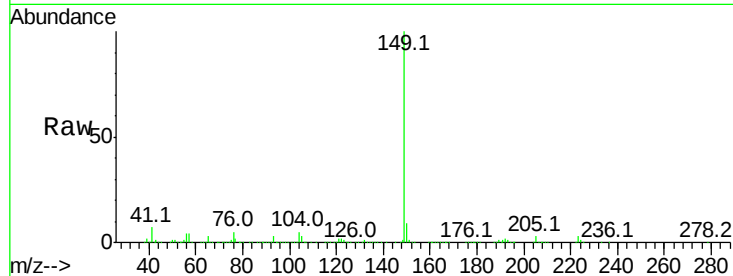
ClientSampleId :

SB-14-COMPMS

Tot Ion:	149	Resp:	906256
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	5.3	4.0	6.0

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#74

Fluoranthene

Concen: 88.687 ng

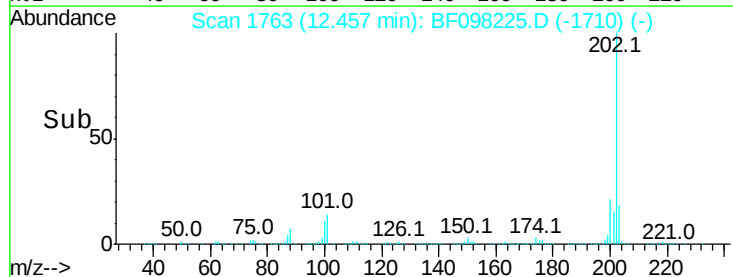
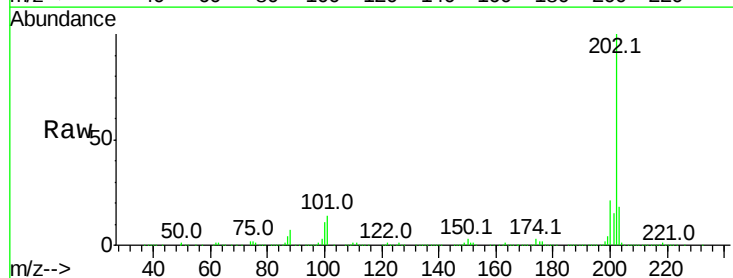
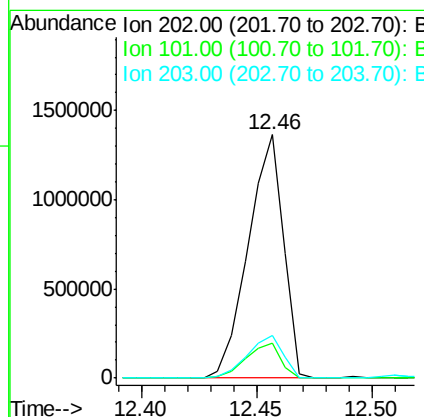
RT: 12.46 min Scan# 1763

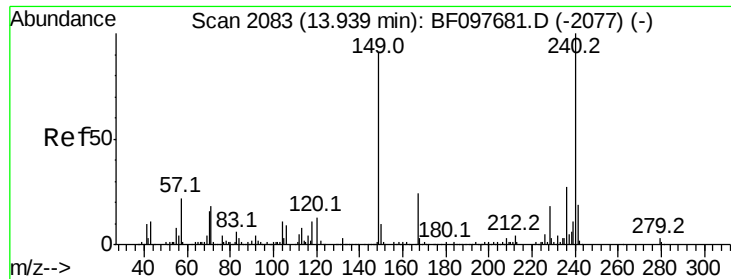
Delta R.T. 0.01 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Tgt Ion:	202	Resp:	1453174
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	33.2
203	17.7	0.0	38.1





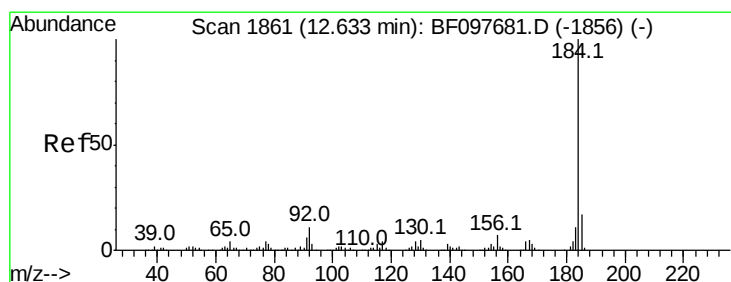
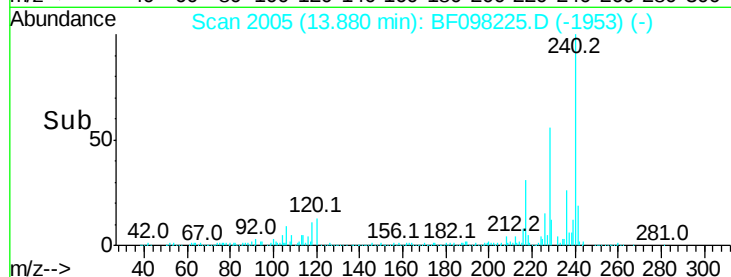
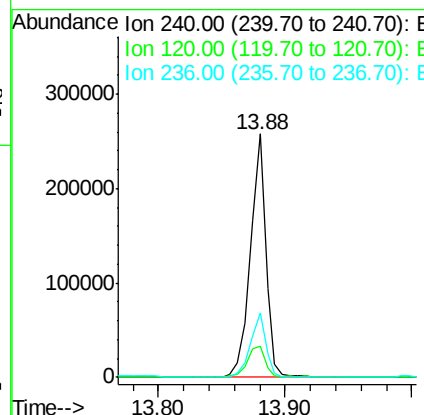
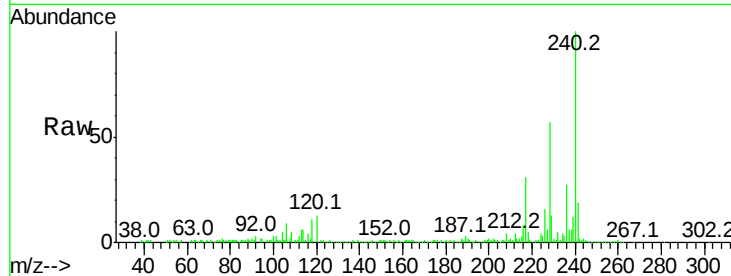
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	26.6	20.5	30.7

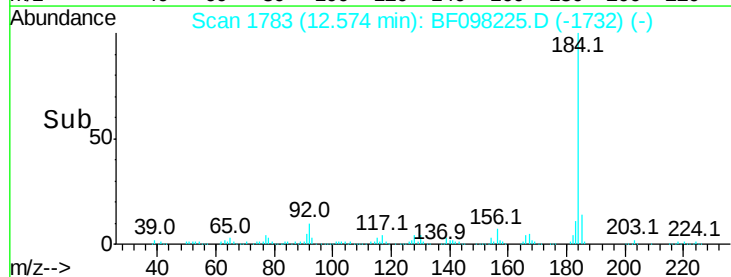
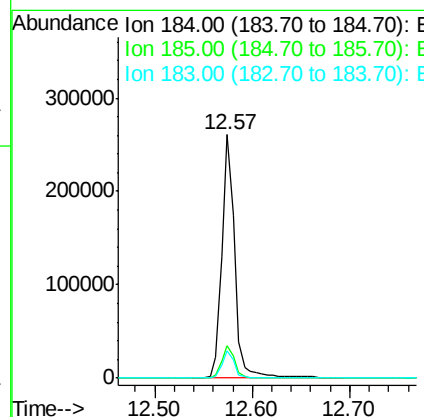
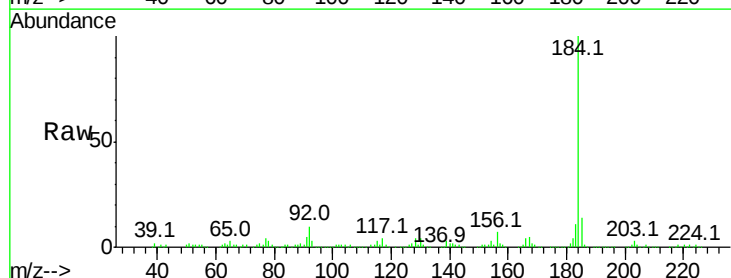
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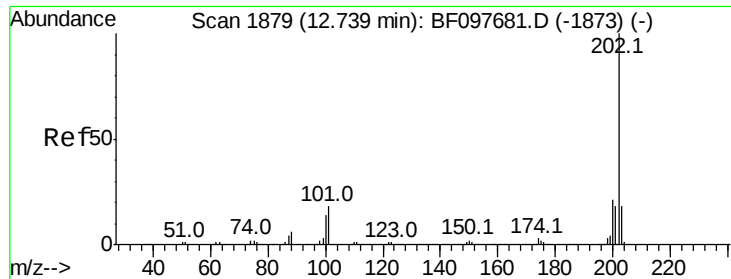
mohammad
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#76
 Benzidine
 Concen: 33.774 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	15.5	23.3#
183	11.0	9.8	14.6





#77

Pvrene

Concen: 77.067 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMS

Tot Ion:202 Resp: 1364682

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

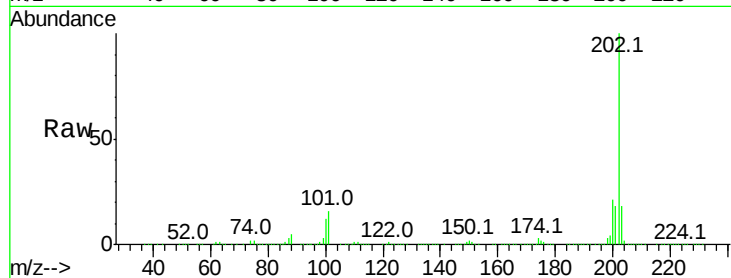
203 18.2 14.4 21.6

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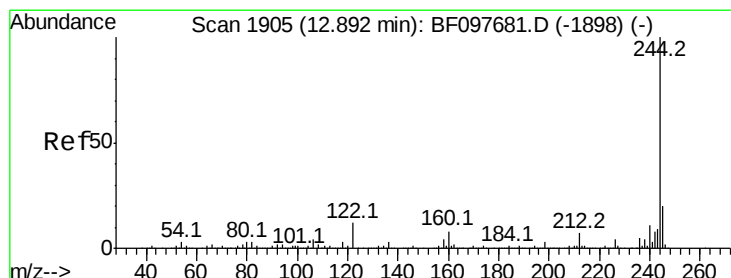
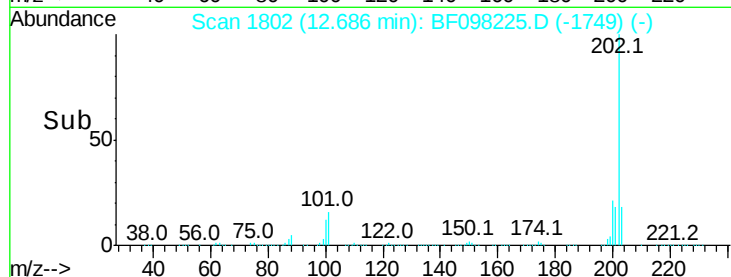
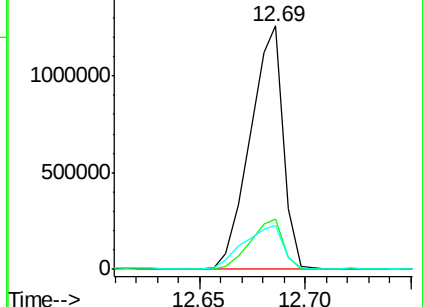
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.501 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

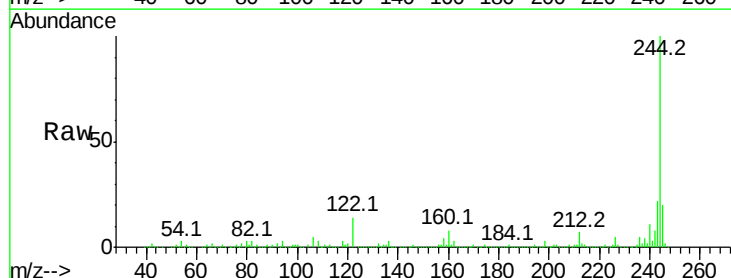
Tgt Ion:244 Resp: 752728

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

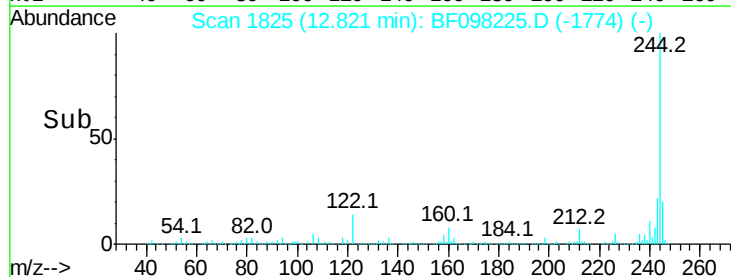
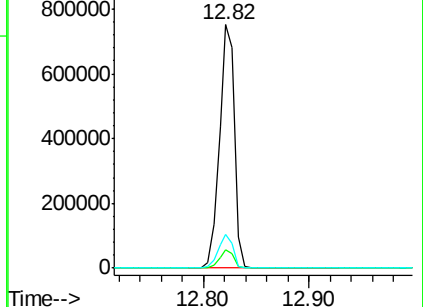
122 13.8 10.3 15.5

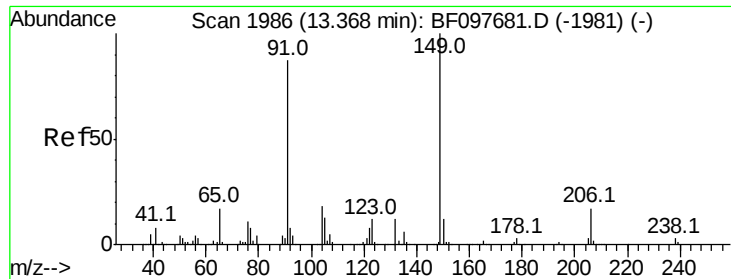


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





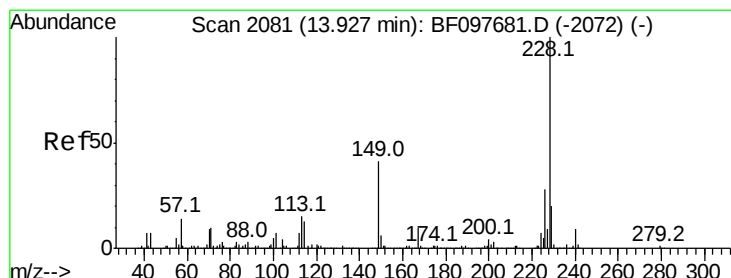
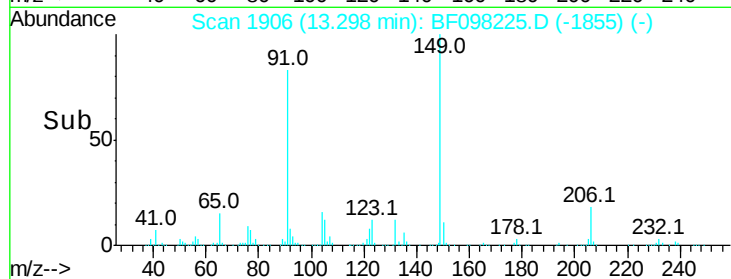
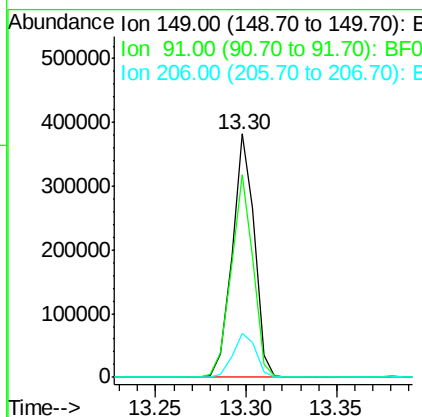
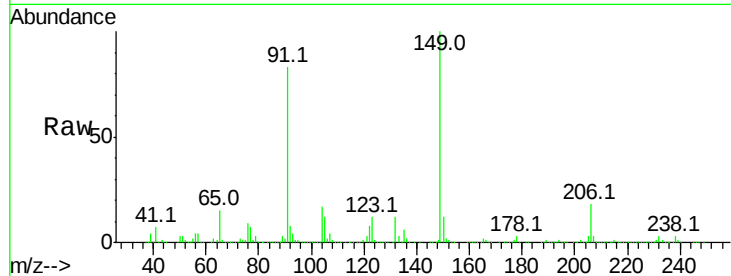
#79
Butylbenzylphthalate
Concen: 47.465 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	83.3	45.0	67.4#
206	18.3	17.0	25.6

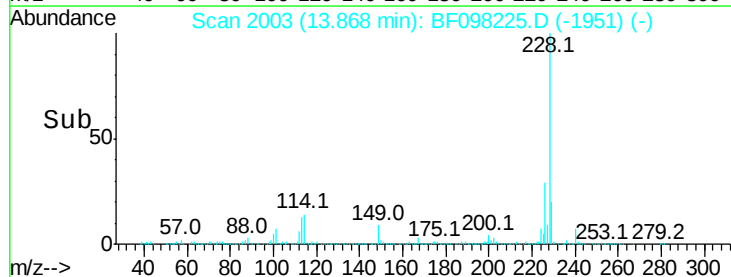
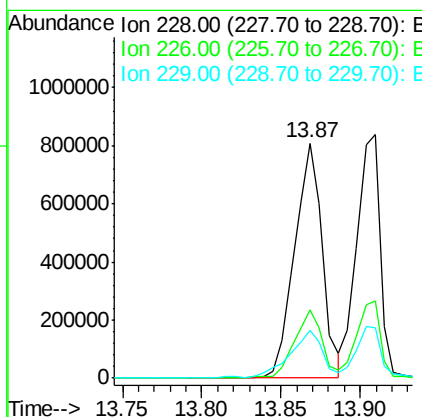
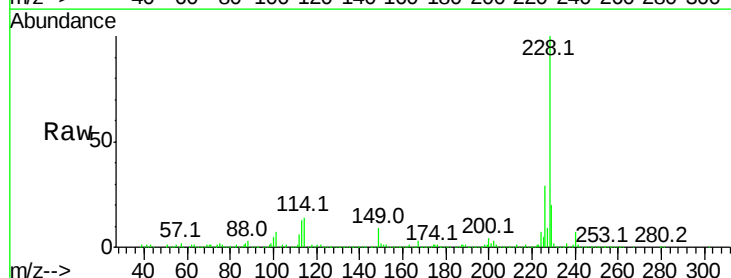
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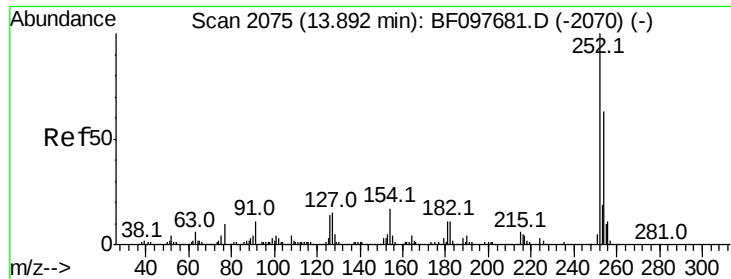
mohammad
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#80
Benzo(a)anthracene
Concen: 75.237 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.8	22.6	33.8
229	20.4	16.3	24.5





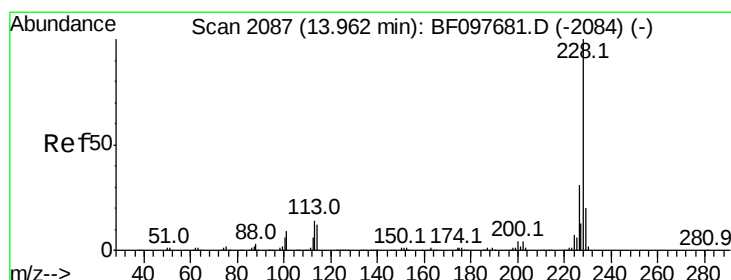
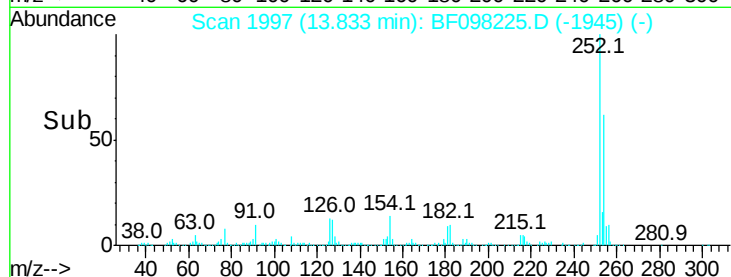
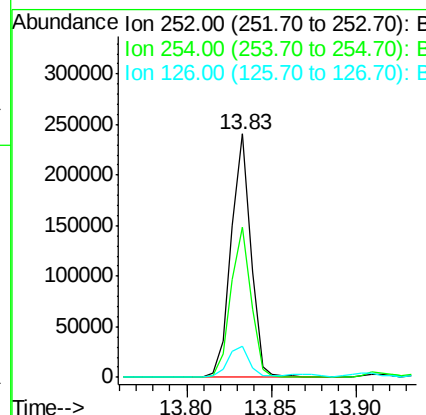
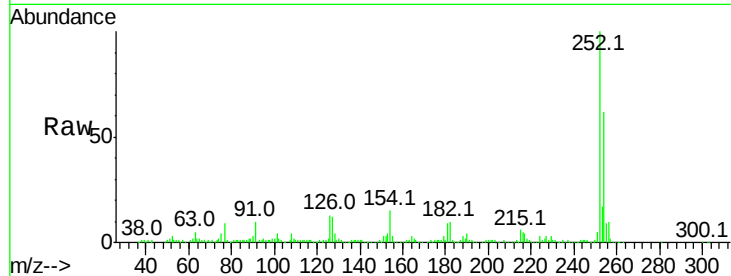
#81
 3,3'-Dichlorobenzidine
 Concen: 44.339 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.01 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	61.7	51.5	77.3
126	12.8	15.8	23.8

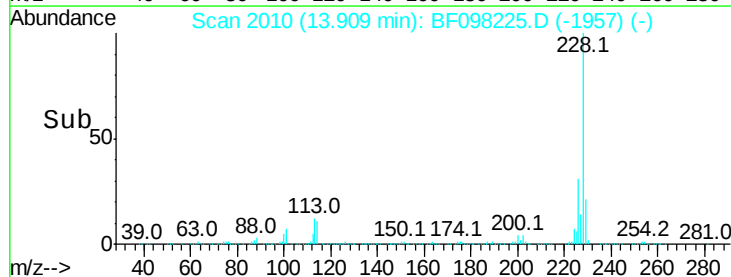
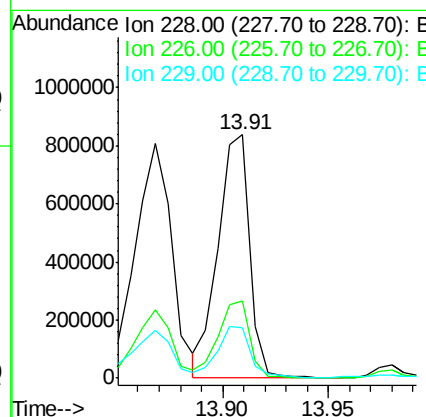
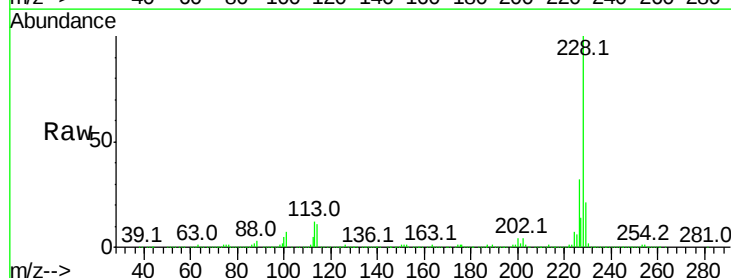
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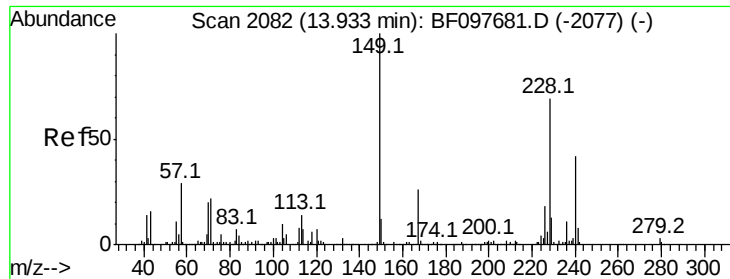
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#82
 Chrysene
 Concen: 67.224 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	24.9	37.3
229	20.9	15.8	23.6





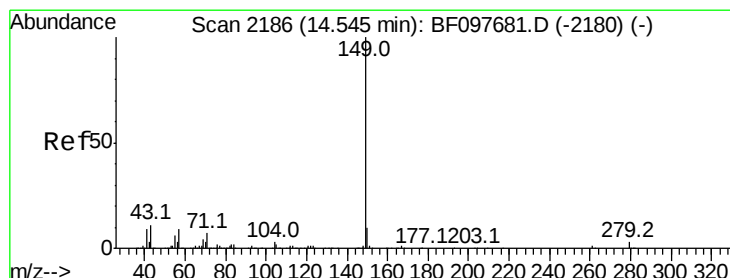
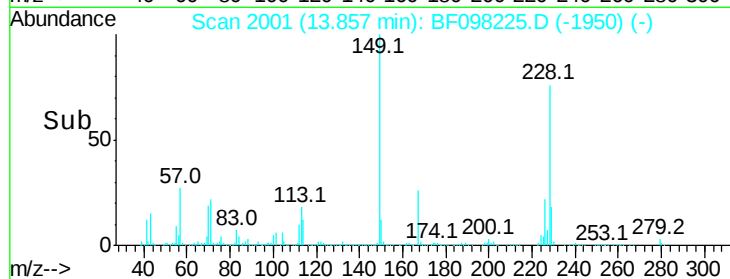
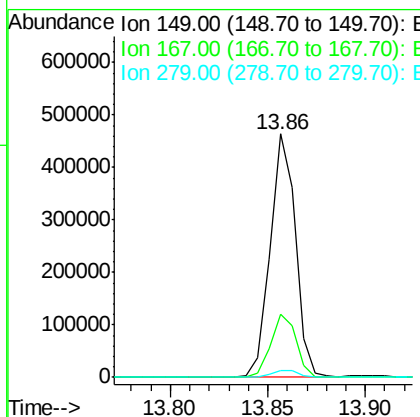
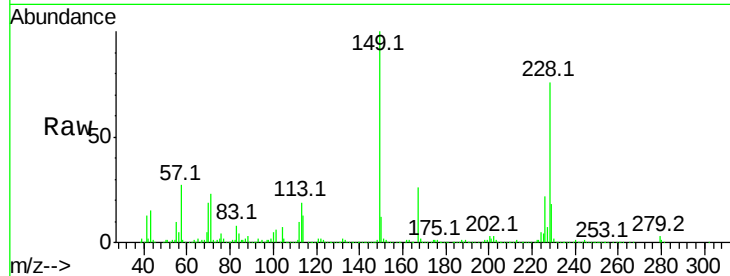
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.930 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.0	21.0	31.4	
279	2.9	1.9	2.9	

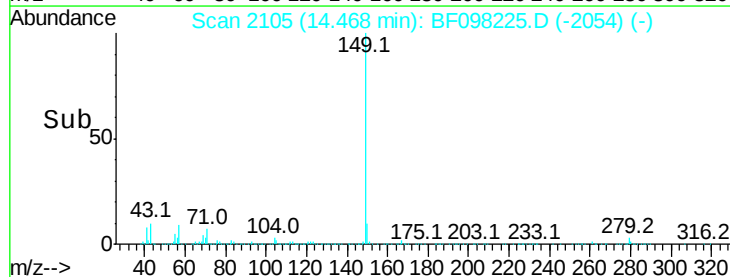
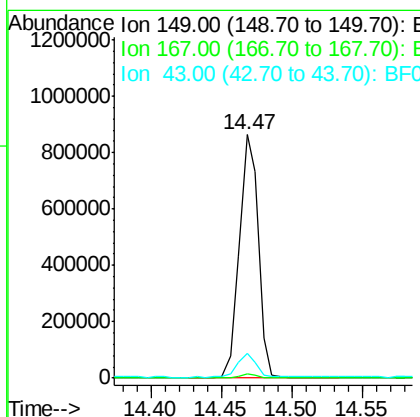
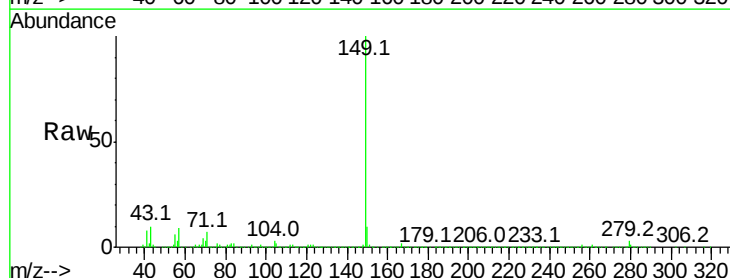
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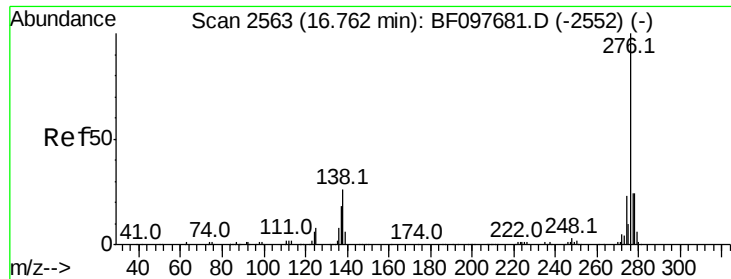
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 61.281 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BF098225.D
 Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	10.0	8.5	12.7	





#85

Indeno(1,2,3-cd)pyrene

Concen: 56.546 ng

RT: 16.67 min Scan# 2480

Delta R.T. 0.02 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Instrument :

BNA_F

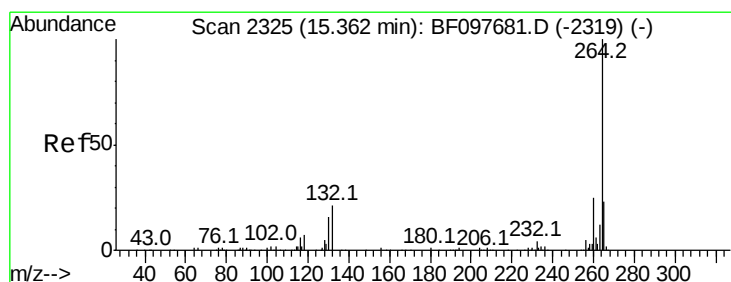
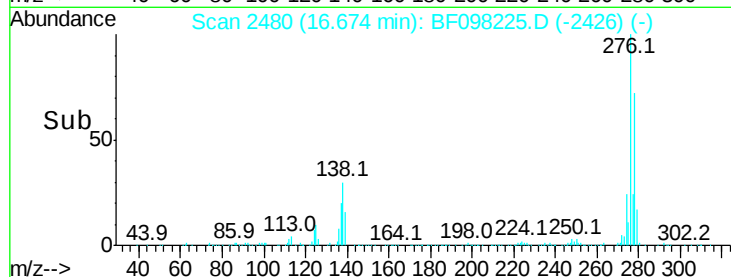
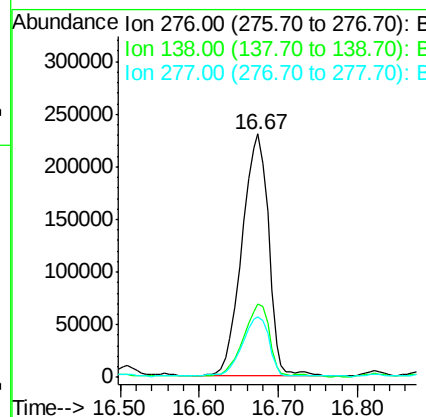
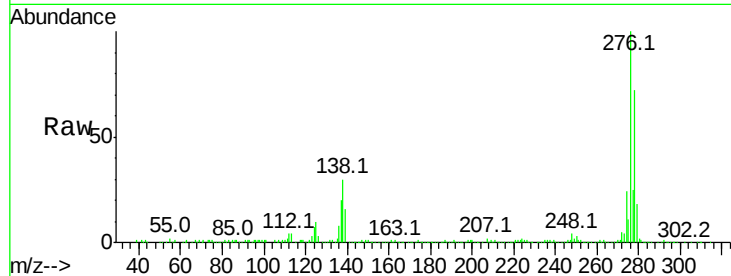
ClientSampleId :

SB-14-COMPMS

Tot Ion:	276	Resp:	536945
Ion Ratio	Lower	Upper	
276	100		
138	28.9	27.8	41.6
277	25.5	20.2	30.4

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#86

Perylene-d12

Concen: 20.000 ng

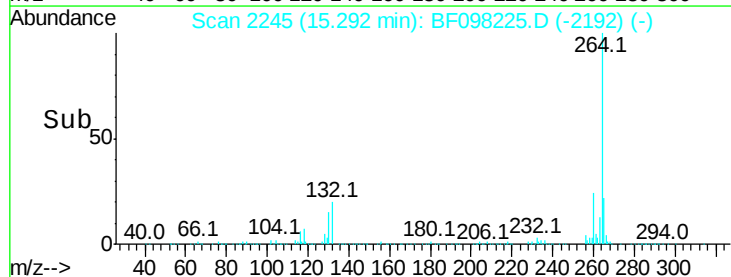
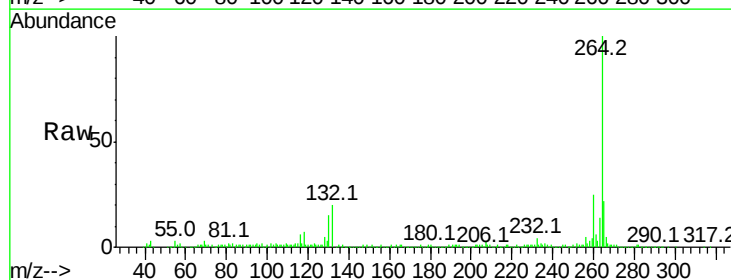
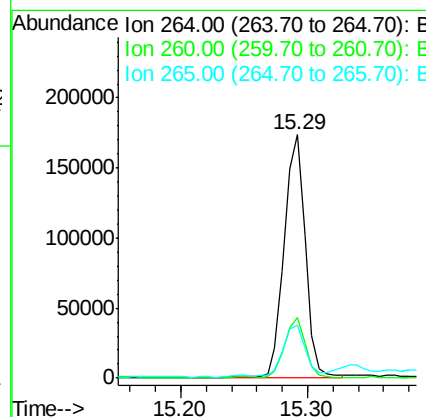
RT: 15.29 min Scan# 2245

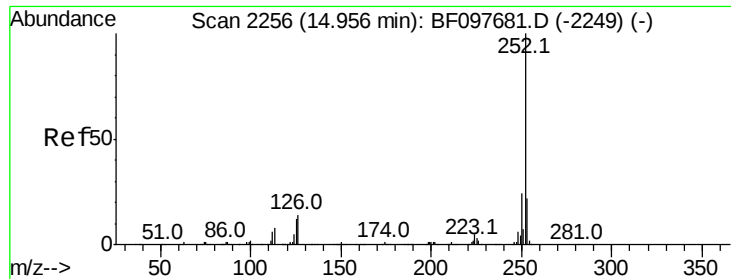
Delta R.T. 0.01 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Tgt Ion:	264	Resp:	201044
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.5	29.3
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 76.369 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.02 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

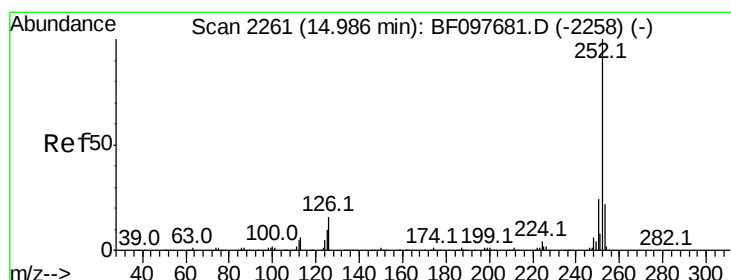
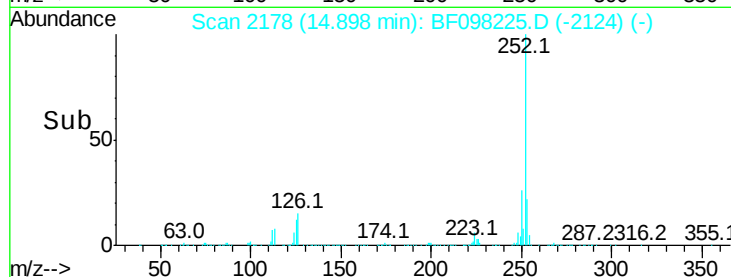
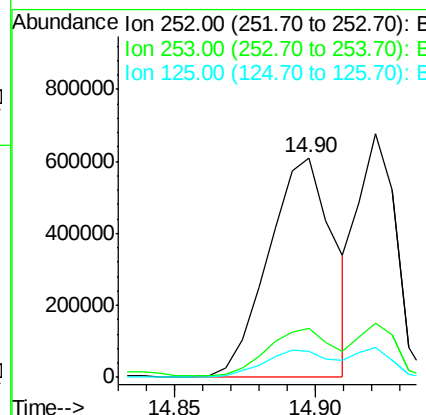
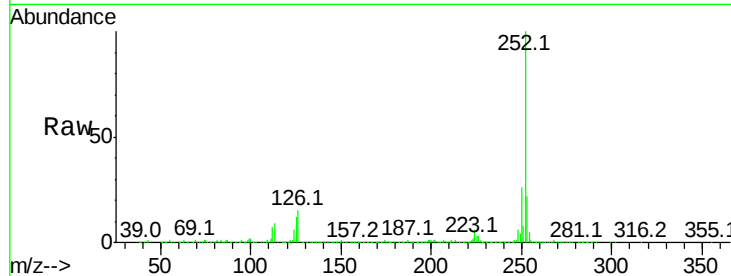
Instrument :
BNA_F

ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.1	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 53.436 ng m

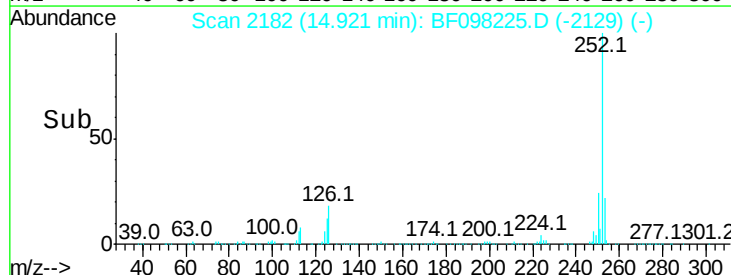
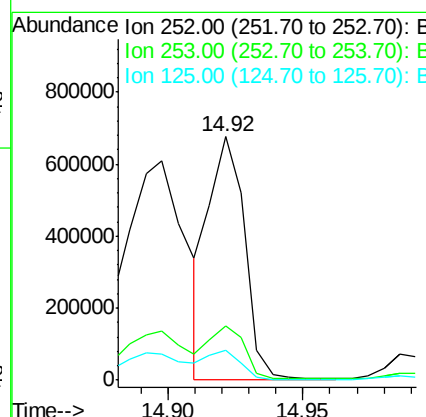
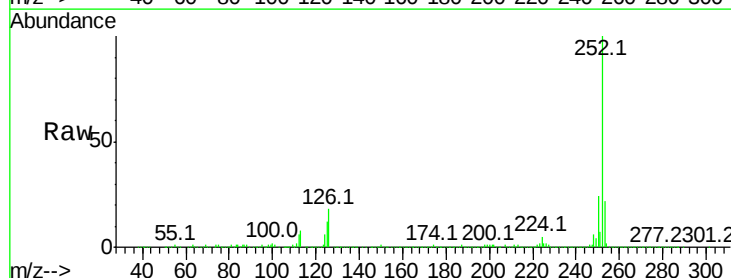
RT: 14.92 min Scan# 2182

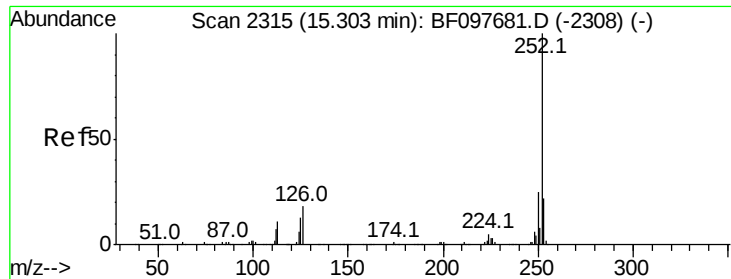
Delta R.T. 0.01 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	12.4	13.1	19.7#





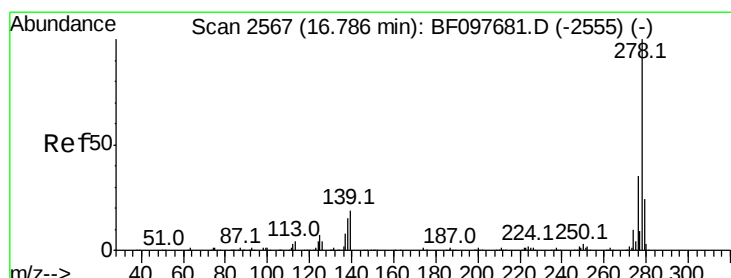
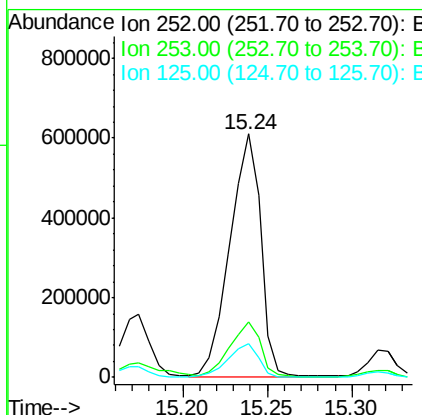
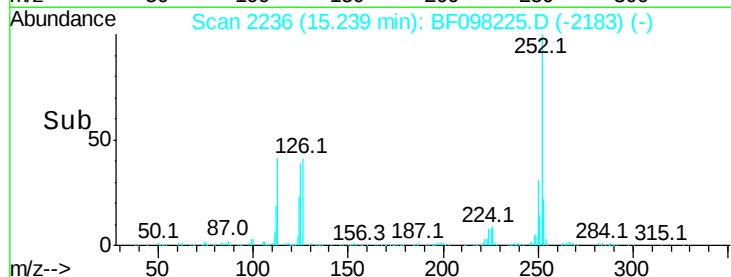
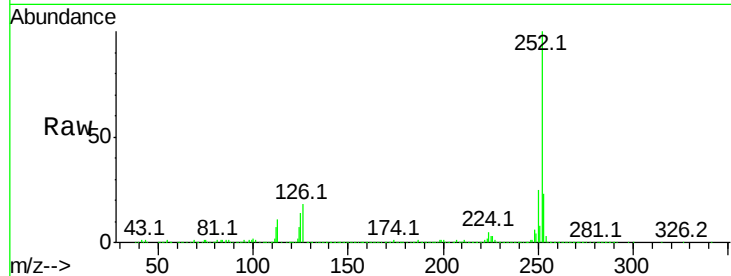
#89
Benzo(a)pyrene
Concen: 69.053 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Instrument :
BNA_F
ClientSampleId :
SB-14-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.6	11.0	16.4

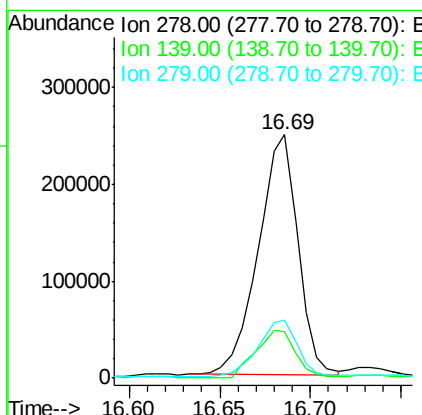
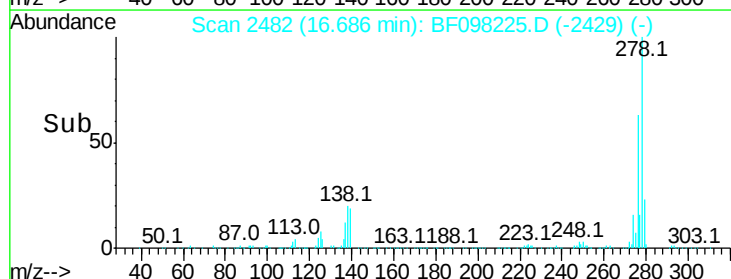
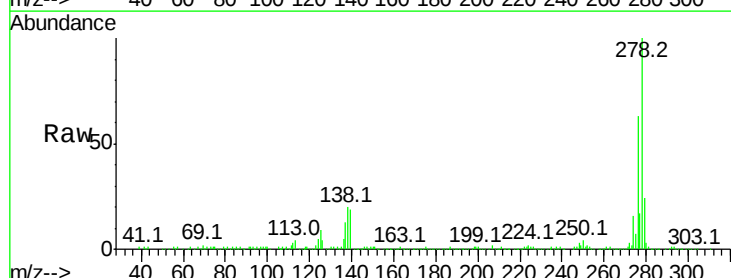
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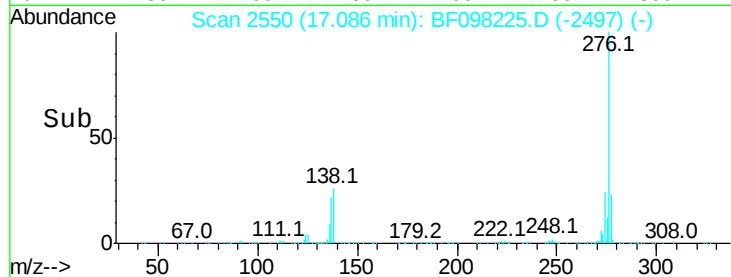
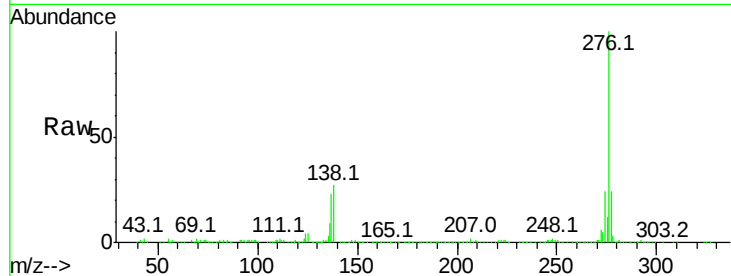
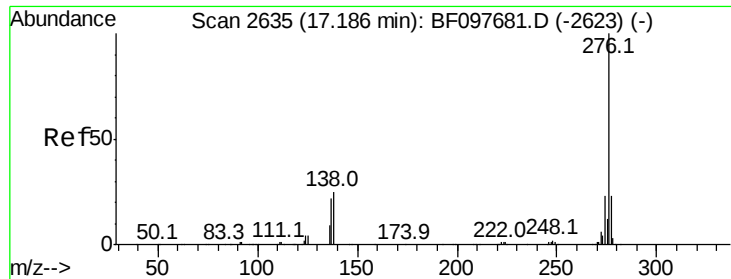
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 41.294 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BF098225.D
Acq: 1 Sep 2017 14:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	16.6	24.8
279	23.8	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 44.743 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BF098225.D

Acq: 1 Sep 2017 14:35

Tot Ion:	276	Resp:	426393
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.6	28.0
138	26.8	25.4	38.0

Instrument :

BNA_F

ClientSampleId :

SB-14-COMPMS

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