

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062617\
 Data File : BM010761.D
 Acq On : 27 Jun 2017 00:39
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02002

Manual Integrations
 APPROVED

mohammad
 6/28/2017 7:54:09 AM

Quant Time: Jun 27 02:26:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 01:28:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	75509	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	346578	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	245315	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	661119	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	766923	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	570298	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	10753	8.16	ng/uL	0.00
5) Phenol-d5	6.65	99	128040	17.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	71898	17.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	98498	19.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	109043	18.28	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	50279	20.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	61152	21.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	125617	20.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	141990	22.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	421595	19.58	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	495970	19.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	75814	20.00	ng/ul	0.00
57) Fluorene-d10	15.11	176	373708	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	81597	20.10	ng/ul	0.00
70) Anthracene-d10	16.96	188	627737	19.66	ng/ul	0.00
76) Pyrene-d10	19.27	212	731061	20.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	559850	20.31	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.10	88	11520	7.83 ng/uL#	41
4) Benzaldehyde	6.62	77	93651	22.12 ng/ul	93
6) Phenol	6.67	94	133258	17.99 ng/ul	97
8) Bis(2-Chloroethyl)ether	6.90	93	97269	18.03 ng/ul	95
10) 2-Chlorophenol	7.03	128	96794	19.19 ng/ul	97
11) 2-Methylphenol	7.90	108	106029	18.78 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.00	45	58140	15.44 ng/ul#	81
14) Acetophenone	8.27	105	181473	18.64 ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.26	70	97229	18.53 ng/ul	91
16) 4-Methylphenol	8.23	108	115402	18.57 ng/ul	97
17) Hexachloroethane	8.52	117	45252	20.18 ng/ul#	74
20) Nitrobenzene	8.65	77	147997	20.51 ng/ul	99
21) Isophorone	9.16	82	257277	17.94 ng/ul	99
23) 2-Nitrophenol	9.35	139	61918	20.49 ng/ul	92
24) 2,4-Dimethylphenol	9.42	107	155739	20.26 ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.65	93	143947	18.10 ng/ul	94
27) 2,4-Dichlorophenol	9.87	162	118251	20.26 ng/ul#	91
28) Naphthalene	10.27	128	337627	19.58 ng/ul	98
30) 4-Chloroaniline	10.39	127	140078	22.04 ng/ul	93
31) Hexachlorobutadiene	10.56	225	95048	21.59 ng/ul	95
32) Caprolactam	11.15	113	37399m	18.25 ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	144028	19.34 ng/ul	94
34) 2-Methylnaphthalene	11.89	142	272311	19.64 ng/ul	95

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Instrument :
 BNA_M
 ClientSampleID :
 SSTD02002

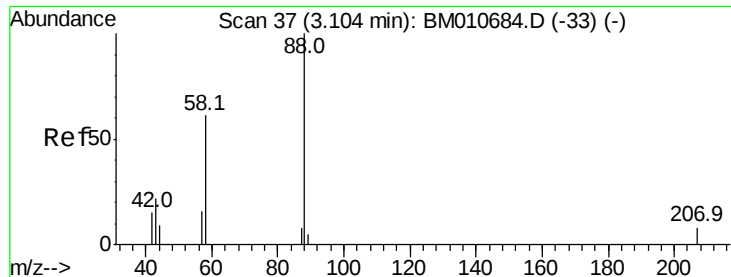
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Quant Time: Jun 27 02:26:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	182257	21.05	ng/ul#	97
37) Hexachlorocyclopentadiene	12.25	237	84821	17.04	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.52	196	121772	20.60	ng/ul	94
39) 2,4,5-Trichlorophenol	12.59	196	125124	20.50	ng/ul	97
40) 1,1'-Biphenyl	12.93	154	377911	19.70	ng/ul	99
41) 2-Chloronaphthalene	12.97	162	299221	19.83	ng/ul	92
42) 2-Nitroaniline	13.18	65	94899	21.50	ng/ul	96
44) Dimethylphthalate	13.58	163	410921	19.47	ng/ul	100
45) 2,6-Dinitrotoluene	13.69	165	83261	22.77	ng/ul#	79
47) Acenaphthylene	13.82	152	467746	19.61	ng/ul	99
48) 3-Nitroaniline	14.02	138	81432	22.08	ng/ul	100
49) Acenaphthene	14.17	153	313249	19.46	ng/ul	98
50) 2,4-Dinitrophenol	14.23	184	54563	20.60	ng/ul#	77
52) 4-Nitrophenol	14.34	109	113482	23.60	ng/ul#	78
53) Dibenzofuran	14.51	168	487447	20.00	ng/ul	94
54) 2,4-Dinitrotoluene	14.49	165	122555	21.60	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	14.75	232	125333	20.29	ng/ul#	92
56) Diethylphthalate	14.96	149	427935	19.27	ng/ul	96
58) Fluorene	15.16	166	403725	19.78	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.17	204	223299	20.13	ng/ul#	87
60) 4-Nitroaniline	15.19	138	89754	20.61	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.25	198	85226	19.70	ng/ul	93
64) N-Nitrosodiphenylamine	15.39	169	345652	18.85	ng/ul	99
65) 4-Bromophenyl-phenylether	16.06	248	148599	19.63	ng/ul#	85
66) Hexachlorobenzene	16.17	284	152062	19.07	ng/ul#	81
67) Atrazine	16.35	200	156424	20.25	ng/ul	96
68) Pentachlorophenol	16.52	266	105146	18.71	ng/ul	97
69) Phenanthrene	16.90	178	683517	19.45	ng/ul	99
71) Anthracene	17.00	178	698913	19.30	ng/ul	98
72) Carbazole	17.27	167	600113	19.00	ng/ul	99
73) Di-n-butylphthalate	17.86	149	753334	18.75	ng/ul	99
74) Fluoranthene	18.93	202	896518	19.79	ng/ul#	97
77) Pyrene	19.30	202	902173	20.37	ng/ul#	98
78) Butylbenzylphthalate	20.23	149	356273	21.39	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.00	252	312504	20.37	ng/ul#	92
80) Benzo(a)anthracene	21.06	228	913854	20.46	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.02	149	516668	20.34	ng/ul#	98
82) Chrysene	21.12	228	805732	20.23	ng/ul	99
84) Di-n-octyl phthalate	21.88	149	867000	21.76	ng/ul#	93
85) Benzo(b)fluoranthene	22.58	252	778970	21.04	ng/ul	100
86) Benzo(k)fluoranthene	22.63	252	721303	20.55	ng/ul	99
88) Benzo(a)pyrene	23.13	252	688269	20.19	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.33	276	674353	19.08	ng/ul	98
90) Dibenzo(a,h)anthracene	25.34	278	564297	19.16	ng/ul	98
91) Benzo(g,h,i)perylene	25.97	276	550949	19.58	ng/ul	97

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



#2

1,4-Dioxane

Concen: 7.83 ng/uL

RT: 3.10 min Scan# 36

Delta R.T. -0.01 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Instrument :

BNA_M

ClientSampleId :

SSTD02002

Tot Ion: 88 Resp: 11520

Ion Ratio Lower Upper

88 100

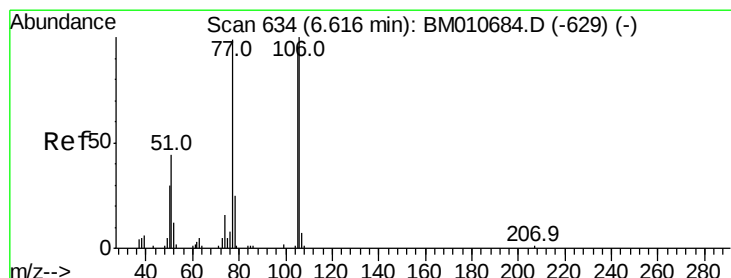
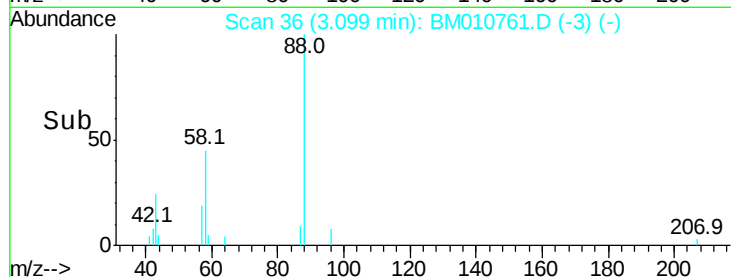
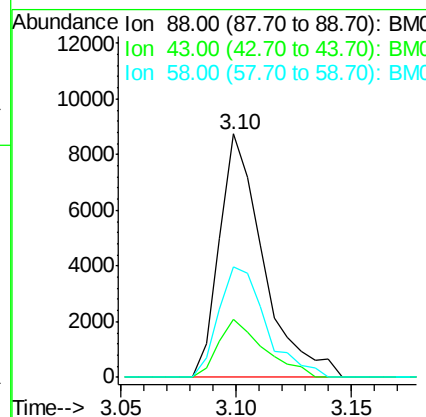
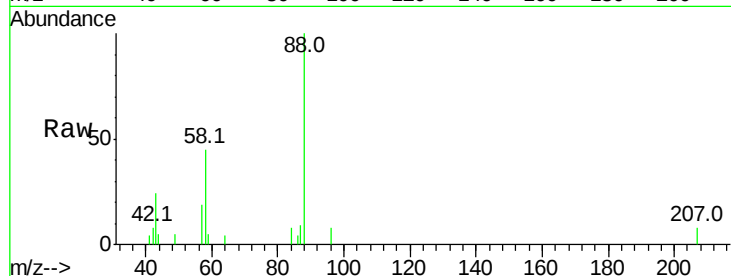
43 24.5 1.1 1.7#

58 48.9 0.0 0.0#

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#4

Benzaldehyde

Concen: 22.12 ng/uL

RT: 6.62 min Scan# 634

Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

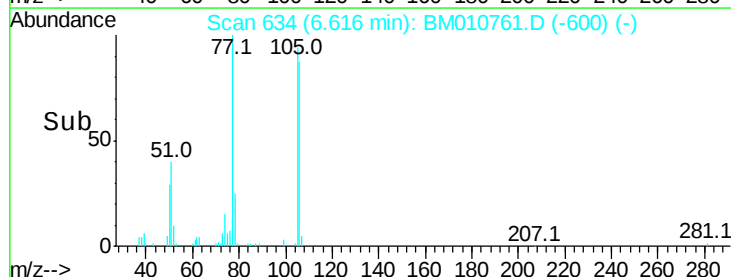
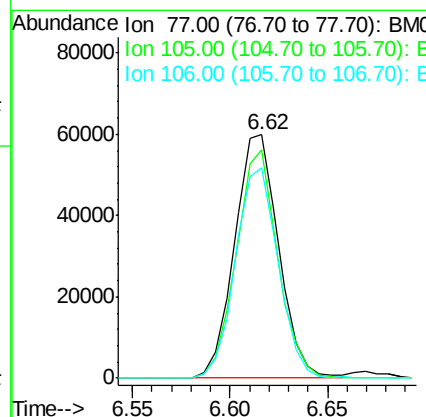
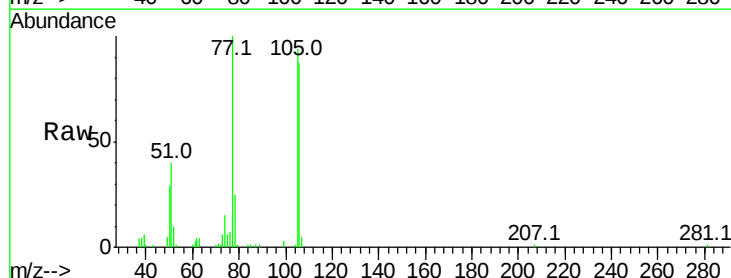
Tgt Ion: 77 Resp: 93651

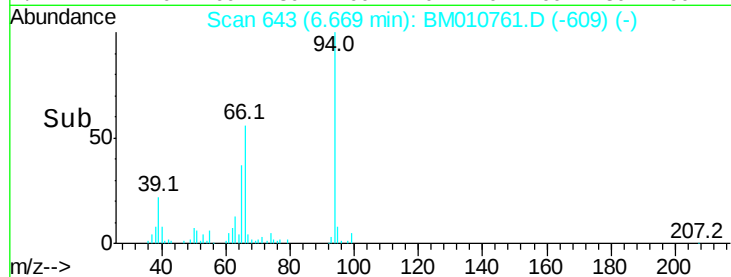
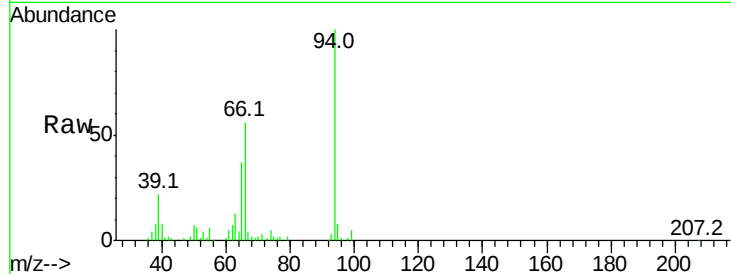
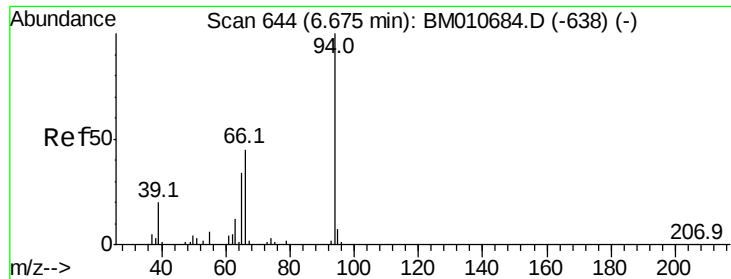
Ion Ratio Lower Upper

77 100

105 93.7 66.1 99.1

106 86.6 67.8 101.6





#6

Phenol

Concen: 17.99 ng/ul

RT: 6.67 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Tot Ion:	94	Resp:	133258
Ion Ratio	Lower	Upper	
94	100		
65	36.7	28.2	42.4
66	56.2	47.2	70.8

Instrument :

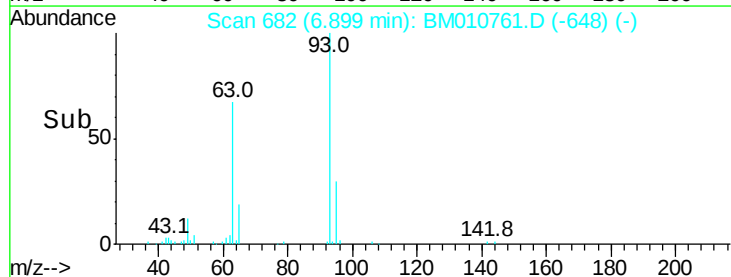
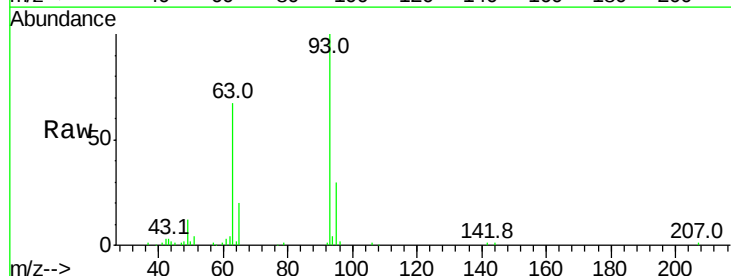
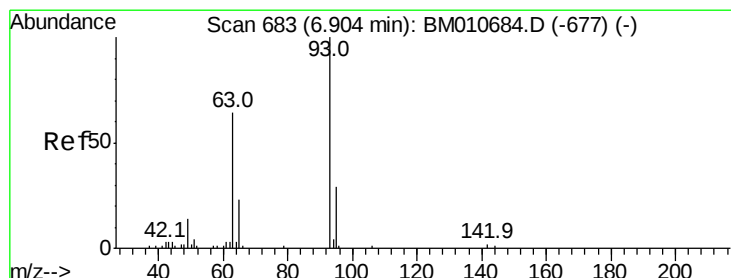
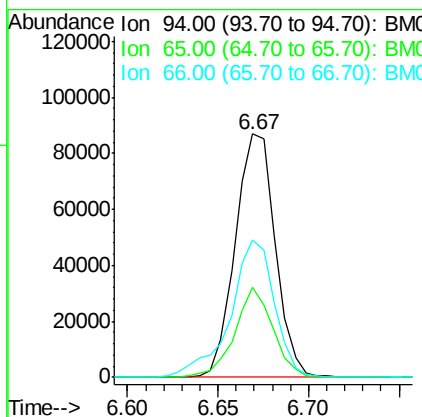
BNA_M

ClientSampled :

SSTD02002

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#8

Bis(2-Chloroethyl)ether

Concen: 18.03 ng/ul

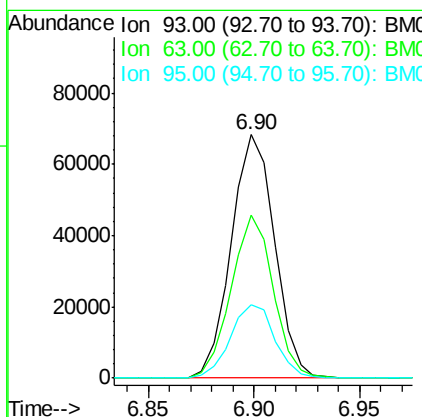
RT: 6.90 min Scan# 682

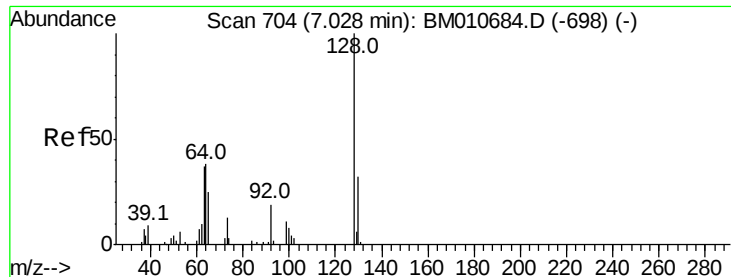
Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Tgt Ion:	93	Resp:	97269
Ion Ratio	Lower	Upper	
93	100		
63	67.2	57.3	85.9
95	30.4	26.6	39.8





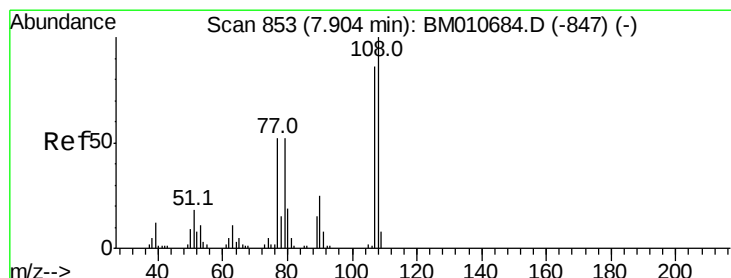
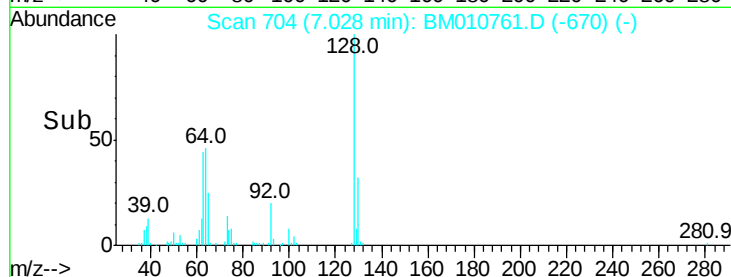
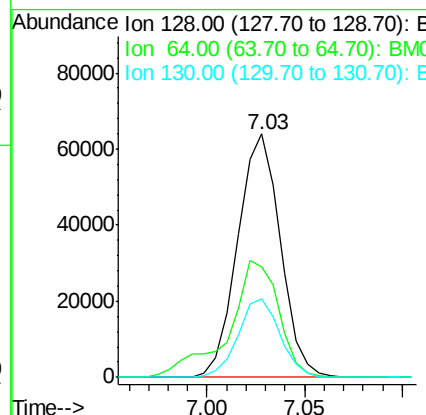
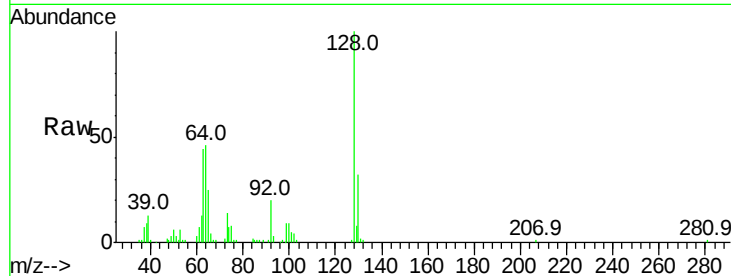
#10
2-Chlorophenol
Concen: 19.19 ng/ul
RT: 7.03 min Scan# 704
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Lower	Upper
128	100		
64	45.5	38.0	57.0
130	32.2	24.4	36.6

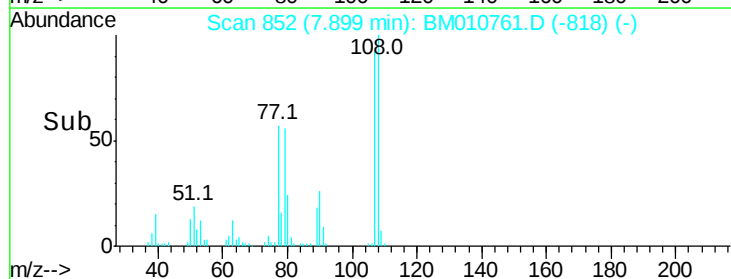
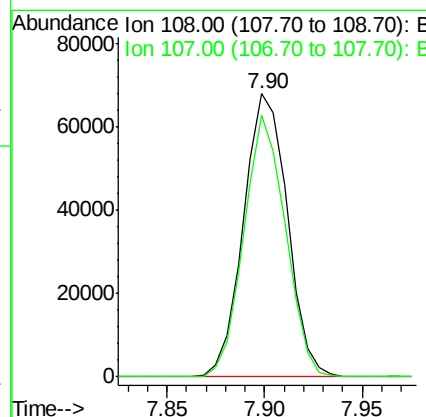
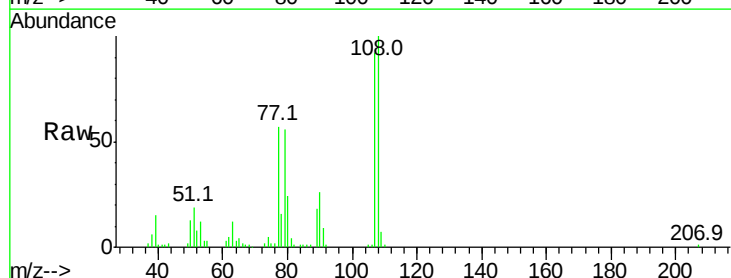
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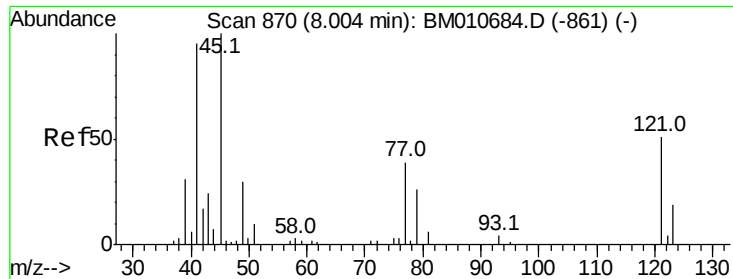
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#11
2-Methylphenol
Concen: 18.78 ng/ul
RT: 7.90 min Scan# 852
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
108	100		
107	92.3	72.6	108.8





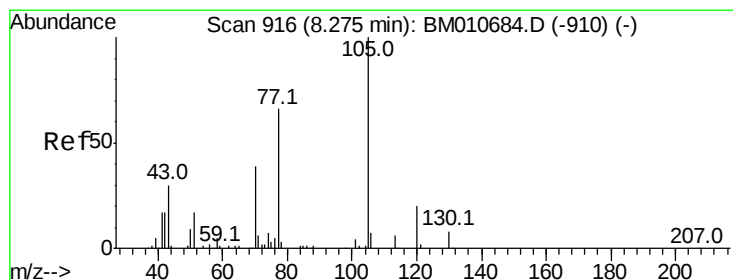
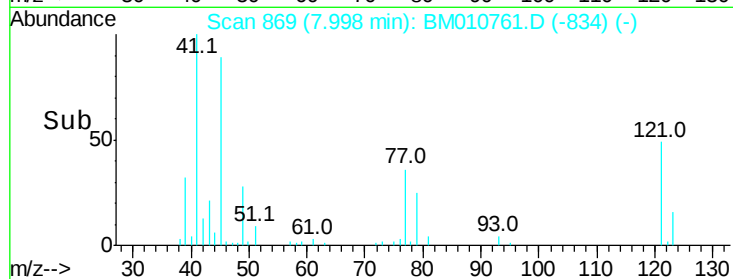
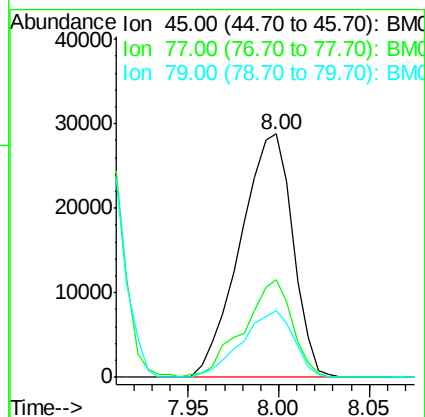
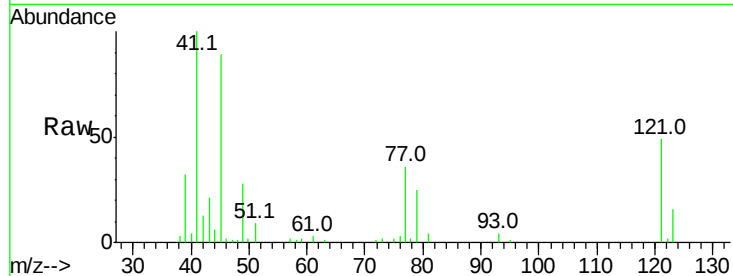
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 15.44 ng/ul
RT: 8.00 min Scan# 869
Delta R.T. 0.01 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Lower	Upper
45	100		
77	40.0	21.8	32.6#
79	27.6	17.6	26.4#

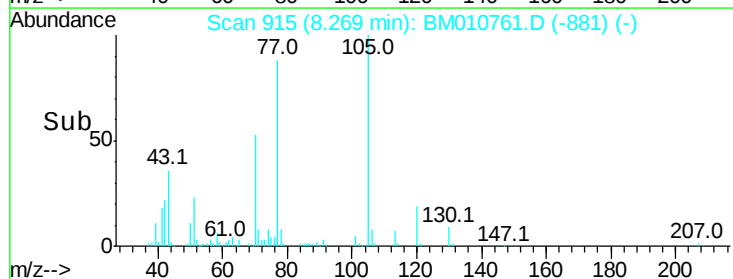
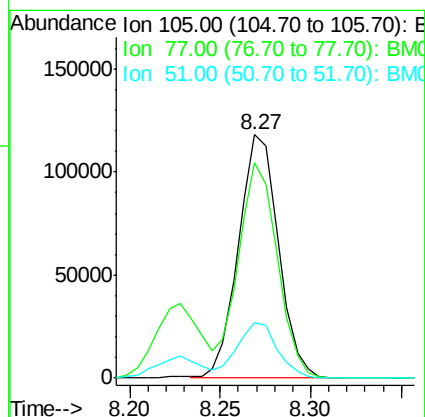
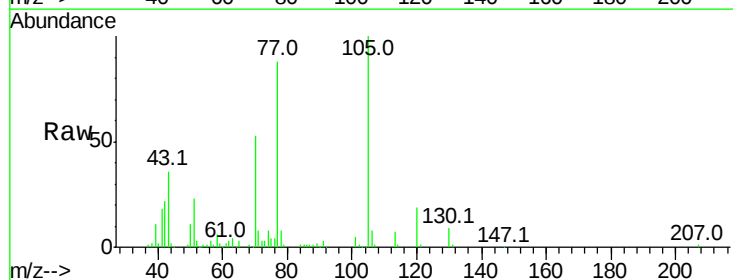
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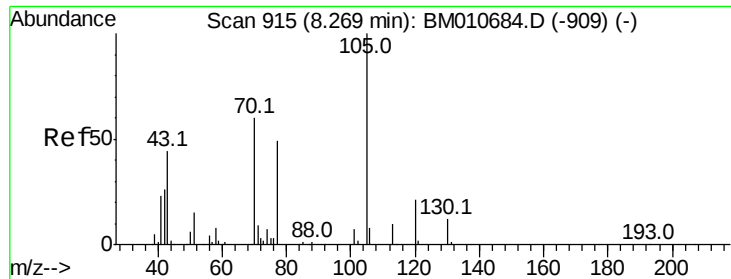
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#14
Acetophenone
Concen: 18.64 ng/ul
RT: 8.27 min Scan# 915
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
105	100		
77	88.4	74.2	111.4
51	22.5	23.4	35.2#





#15

N-Nitroso-di-n-propylamine

Concen: 18.53 ng/ul

RT: 8.26 min Scan# 914

Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Instrument :

BNA_M

ClientSampleId :

SSTD02002

Tot Ion: 70 Resp: 97229

Ion Ratio Lower Upper

70 100

42 42.2 41.1 61.7

101 8.9 6.7 10.1

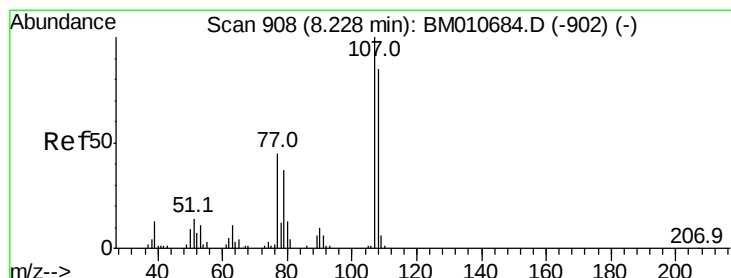
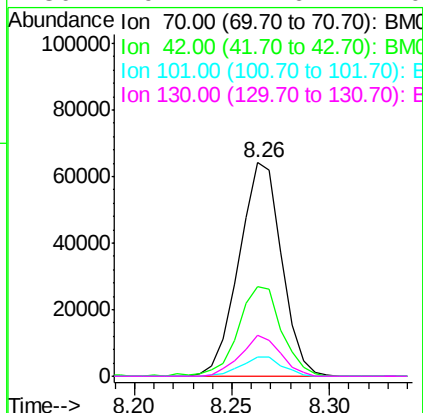
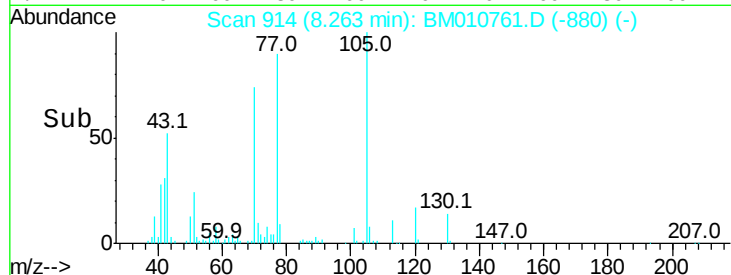
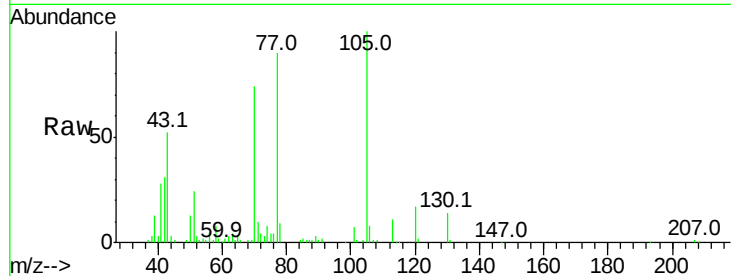
130 19.4 14.6 22.0

Manual Integrations

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#16

4-Methylphenol

Concen: 18.57 ng/ul

RT: 8.23 min Scan# 908

Delta R.T. 0.00 min

Lab File: BM010761.D

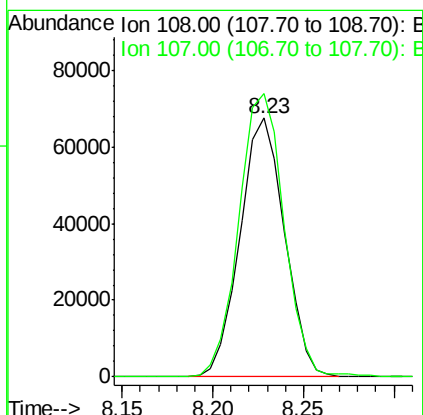
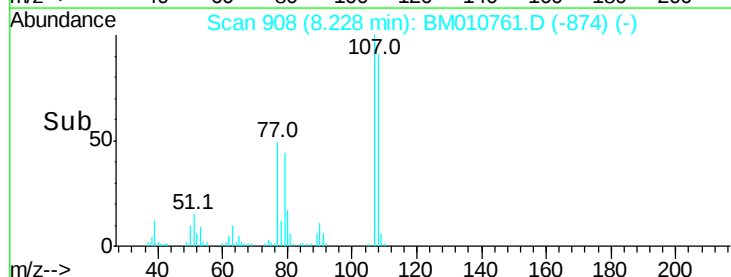
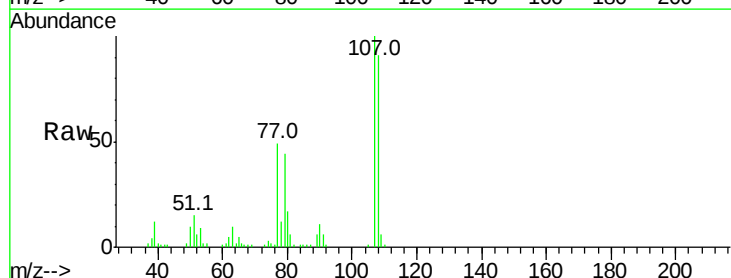
Acq: 27 Jun 2017 00:39

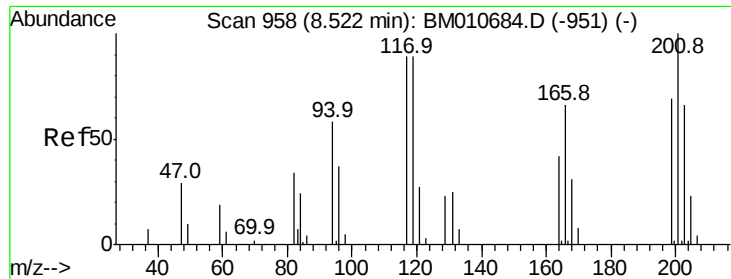
Tgt Ion: 108 Resp: 115402

Ion Ratio Lower Upper

108 100

107 109.5 84.9 127.3





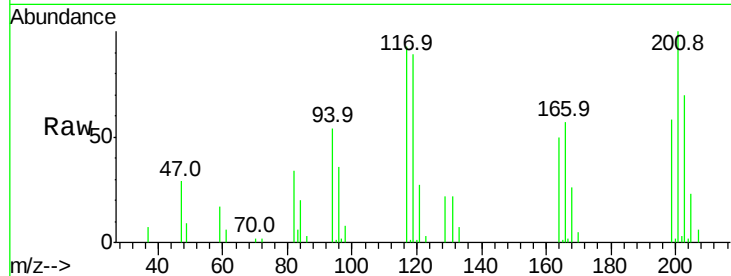
#17
Hexachloroethane
Concen: 20.18 ng/ul
RT: 8.52 min Scan# 957
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampled :
SSTD02002

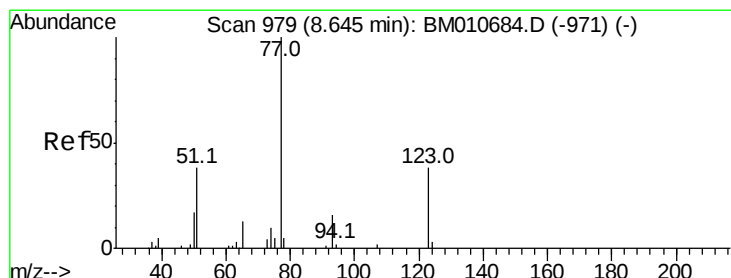
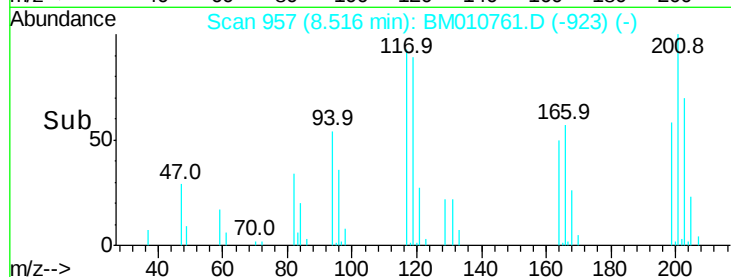
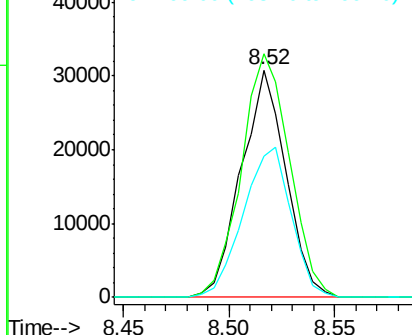
Tot Ion:117 Resp: 45252
Ion Ratio Lower Upper
117 100
201 107.1 111.6 167.4#
199 61.9 67.8 101.6#

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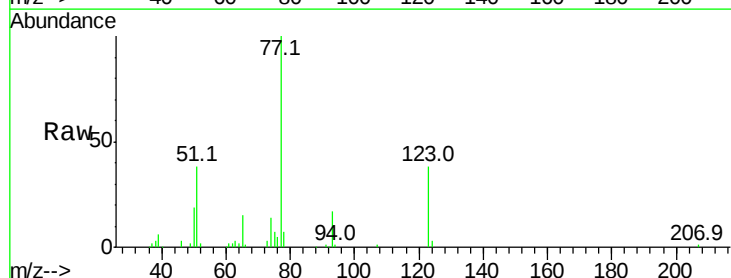


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

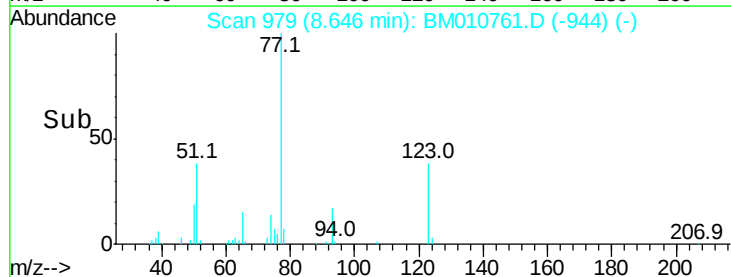
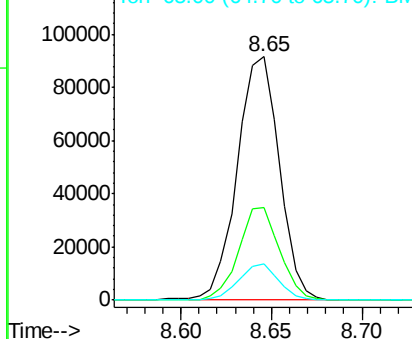


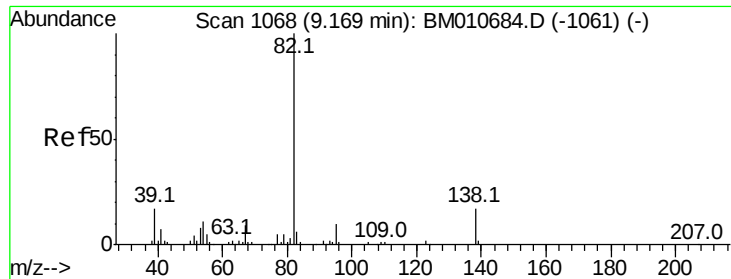
#20
Nitrobenzene
Concen: 20.51 ng/ul
RT: 8.65 min Scan# 979
Delta R.T. 0.01 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion: 77 Resp: 147997
Ion Ratio Lower Upper
77 100
123 38.1 31.0 46.6
65 15.2 12.2 18.2



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





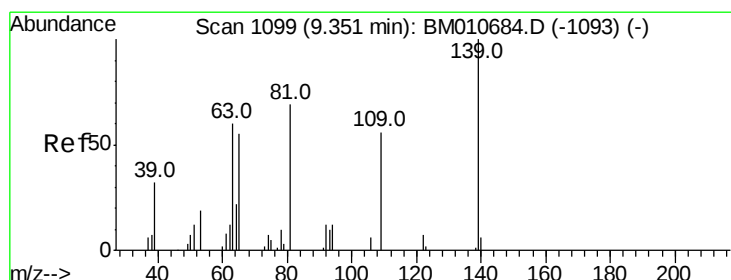
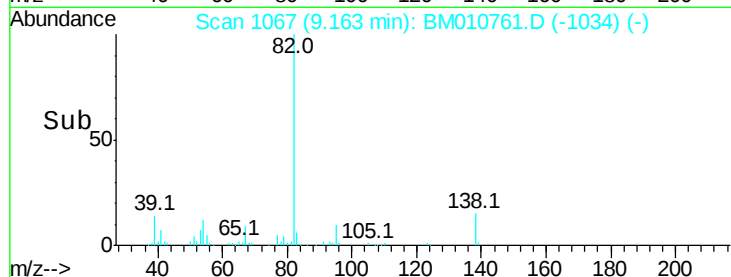
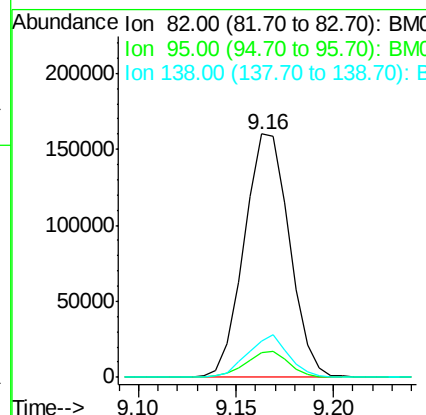
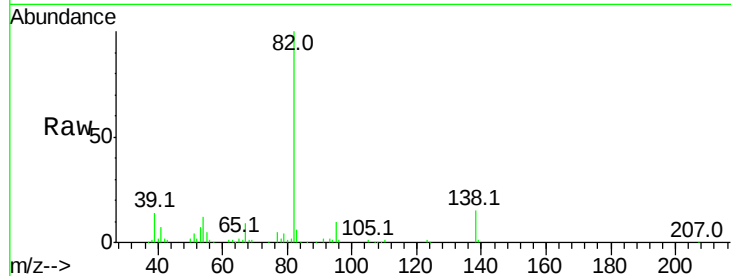
#21
Isophorone
Concen: 17.94 ng/ul
RT: 9.16 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Lower	Upper
82	100		
95	10.1	7.8	11.8
138	14.7	11.9	17.9

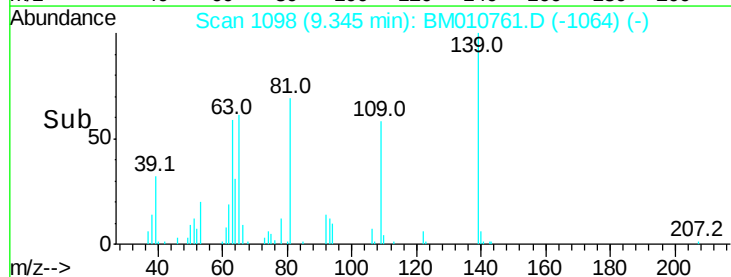
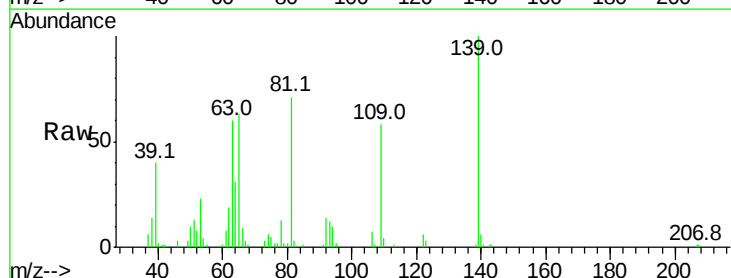
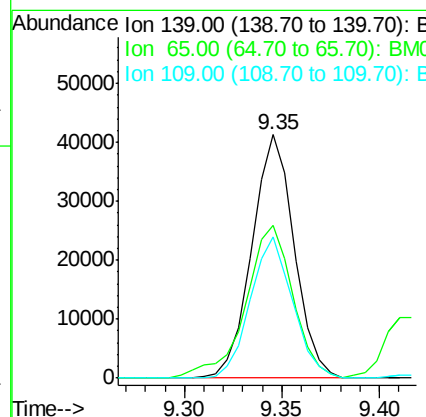
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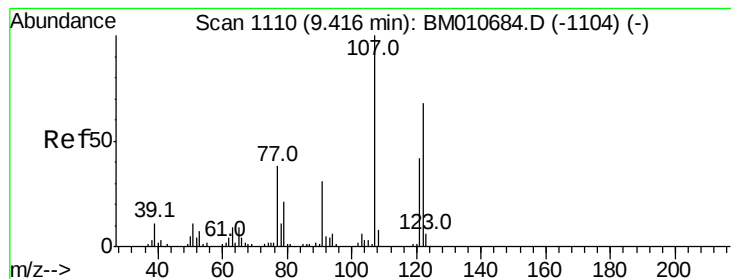
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#23
2-Nitrophenol
Concen: 20.49 ng/ul
RT: 9.35 min Scan# 1098
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
139	100		
65	62.6	55.4	83.0
109	58.1	42.2	63.2





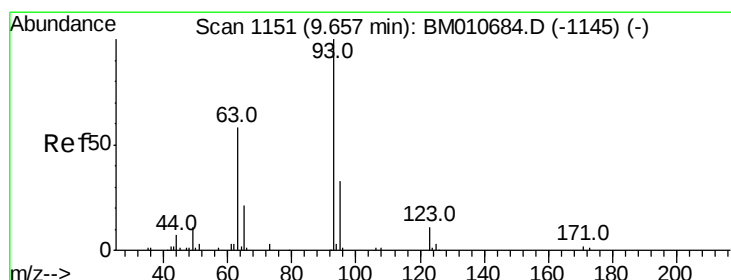
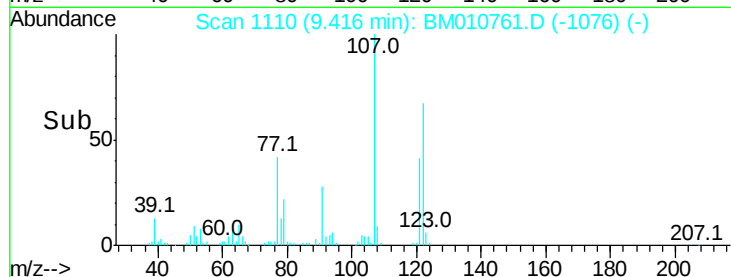
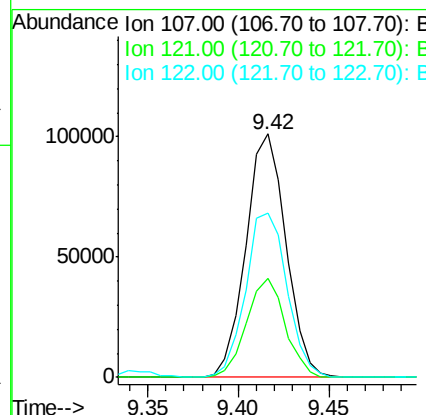
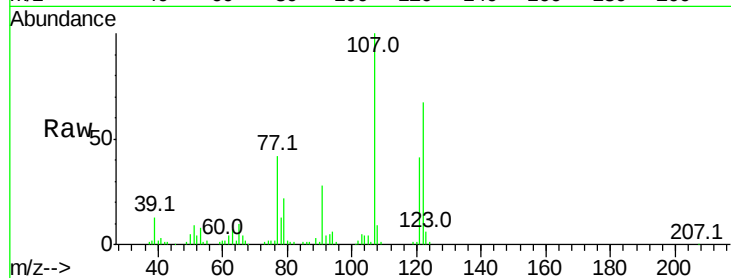
#24
 2,4-Dimethylphenol
 Concen: 20.26 ng/ul
 RT: 9.42 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BM010761.D
 Acq: 27 Jun 2017 00:39

Instrument :
 BNA_M
 ClientSampleId :
 SST02002

Tot Ion	Ratio	Lower	Upper
107	100		
121	40.8	31.9	47.9
122	67.3	57.8	86.6

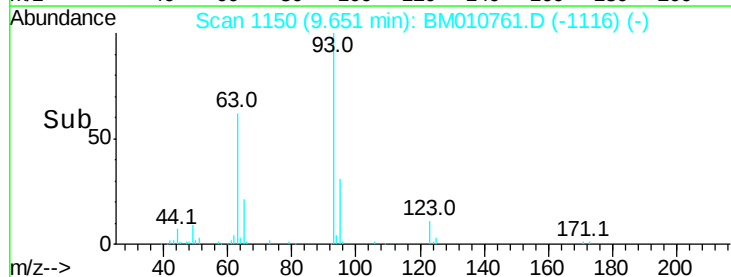
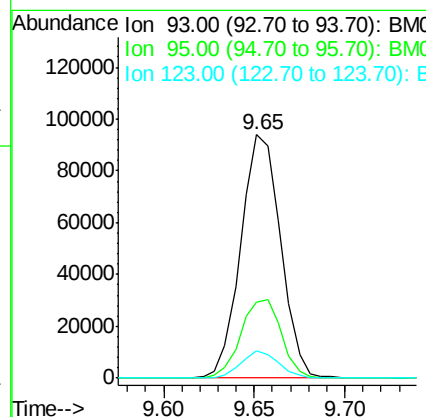
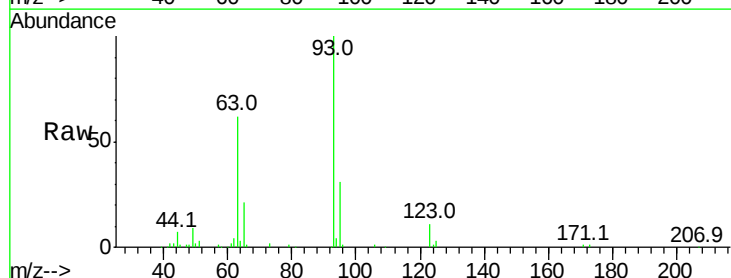
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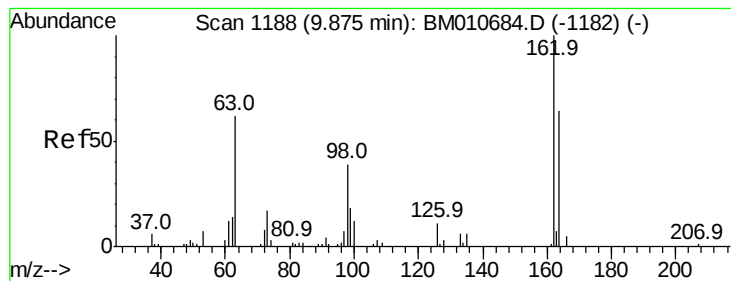
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#25
 Bis(2-Chloroethoxy)methane
 Concen: 18.10 ng/ul
 RT: 9.65 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BM010761.D
 Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.3	28.5	42.7
123	11.4	8.9	13.3





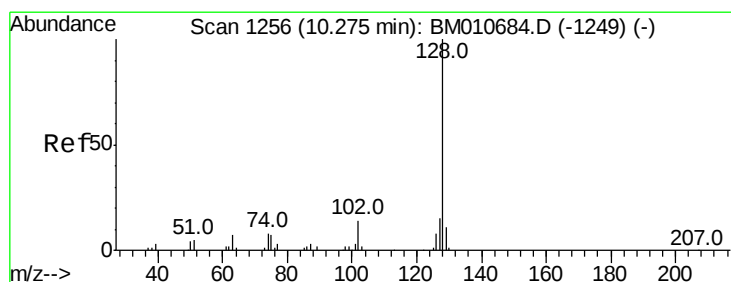
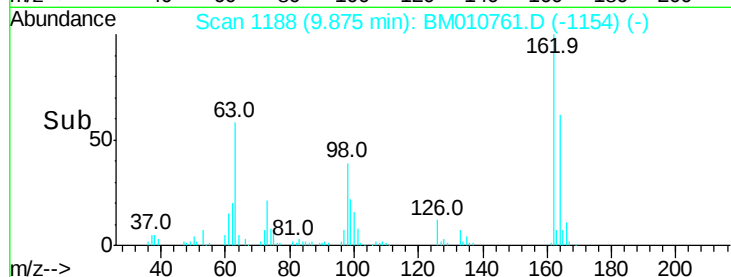
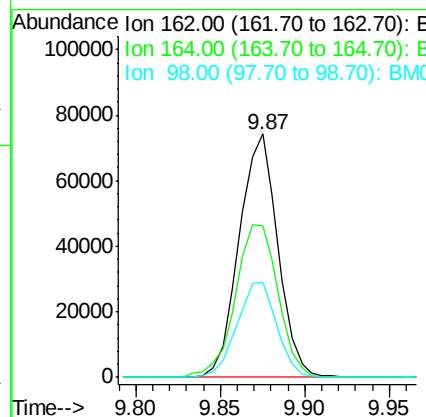
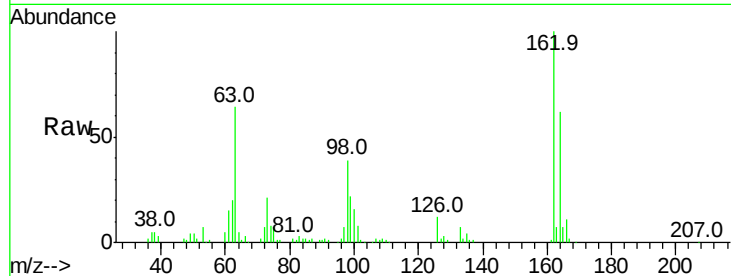
#27
 2,4-Dichlorophenol
 Concen: 20.26 ng/ul
 RT: 9.87 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BM010761.D
 Acq: 27 Jun 2017 00:39

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02002

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.3	47.8	71.6
98	39.1	23.0	34.4

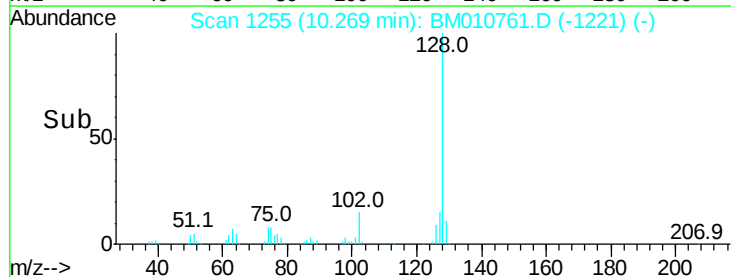
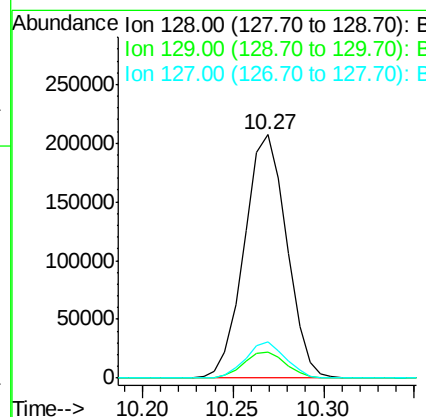
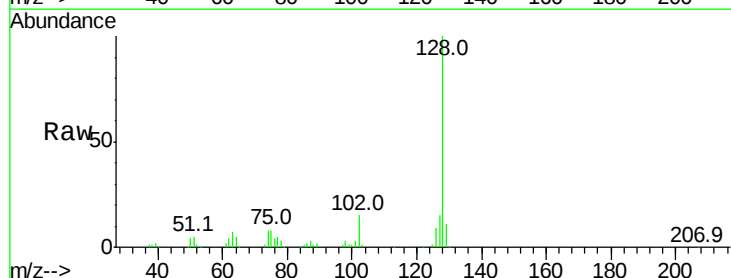
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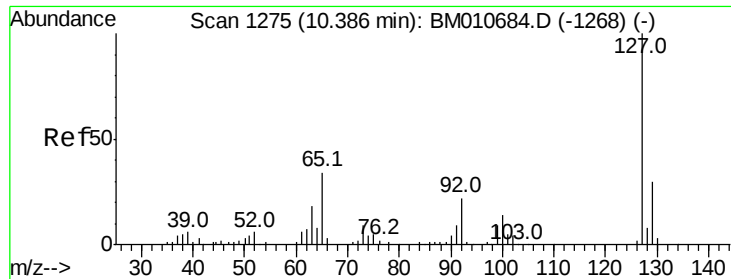
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#28
 Naphthalene
 Concen: 19.58 ng/ul
 RT: 10.27 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BM010761.D
 Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Resp Lower	Upper
128	100		
129	10.9	8.8	13.2
127	14.6	10.6	16.0





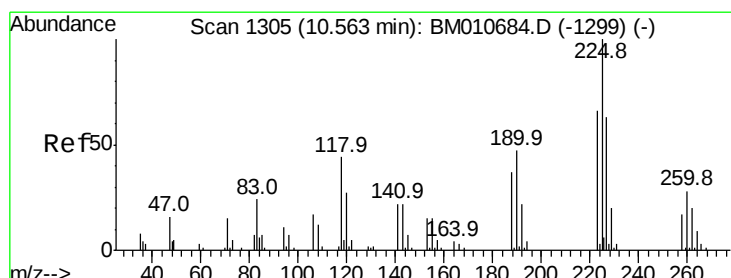
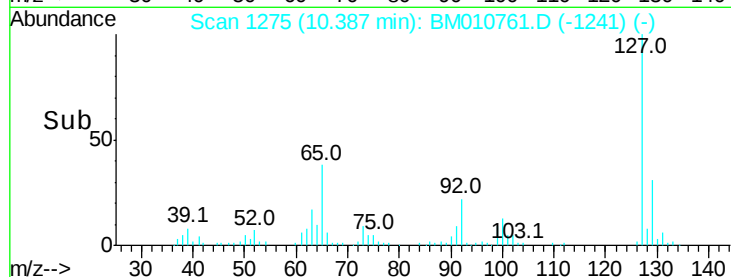
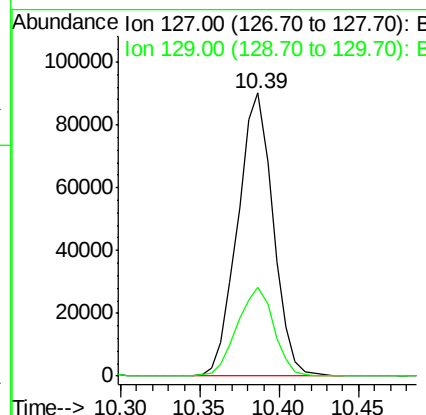
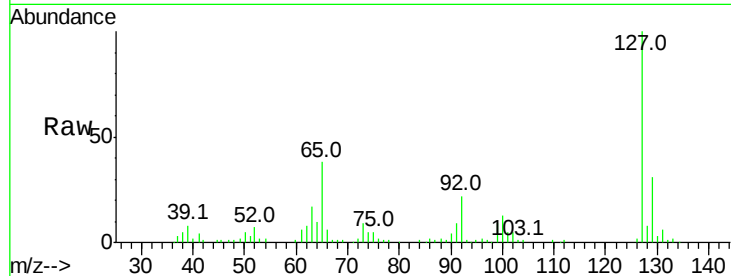
#30
 4-Chloroaniline
 Concen: 22.04 ng/ul
 RT: 10.39 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BM010761.D
 Acq: 27 Jun 2017 00:39

Instrument :
 BNA_M
 ClientSampleId :
 SST02002

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.3	28.4	42.6

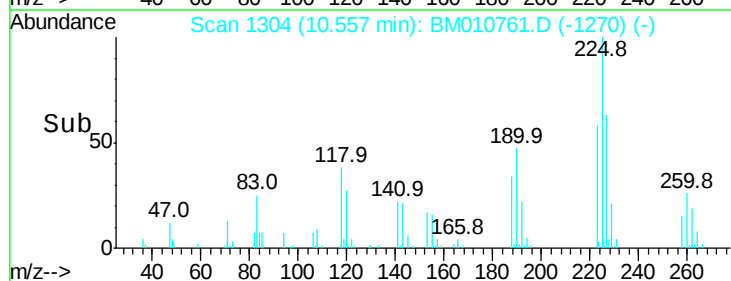
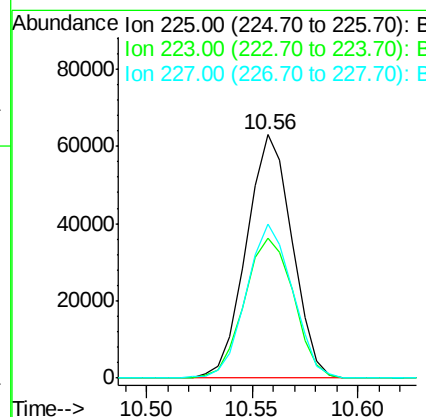
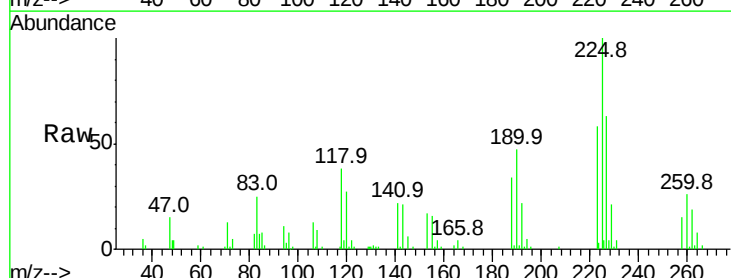
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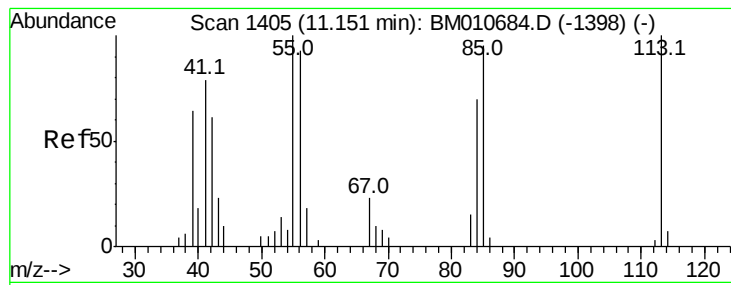
mohammad
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#31
 Hexachlorobutadiene
 Concen: 21.59 ng/ul
 RT: 10.56 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BM010761.D
 Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.4	74.2
227	63.1	45.4	68.2





#32

Caprolactam

Concen: 18.25 ng/ul m

RT: 11.15 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Instrument :

BNA_M

ClientSampleId :

SSTD02002

Tot Ion:113 Resp: 37399

Ion Ratio Lower Upper

113 100

55 99.0 94.8 142.2

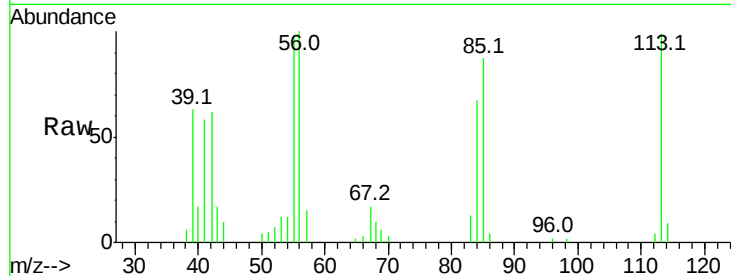
56 100.5 86.0 129.0

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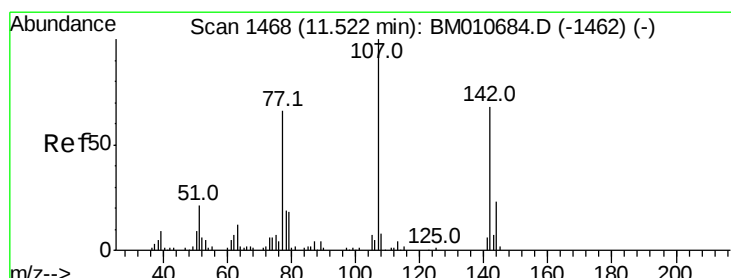
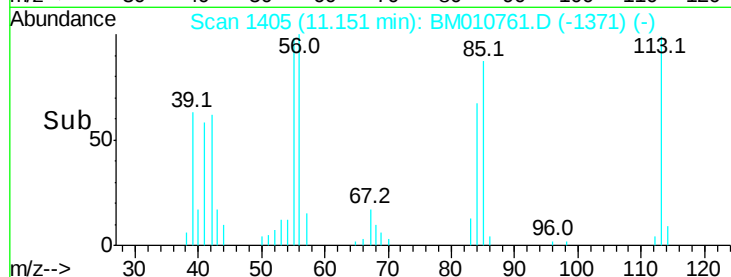
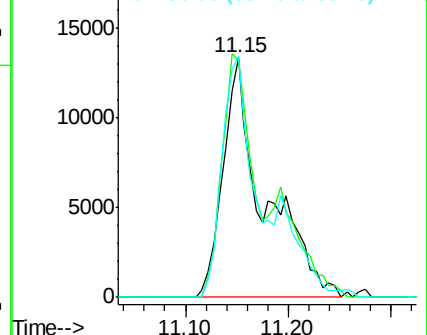
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 19.34 ng/ul

RT: 11.52 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

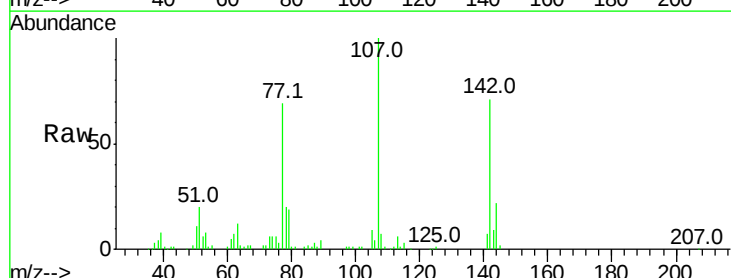
Tgt Ion:107 Resp: 144028

Ion Ratio Lower Upper

107 100

144 21.6 20.4 30.6

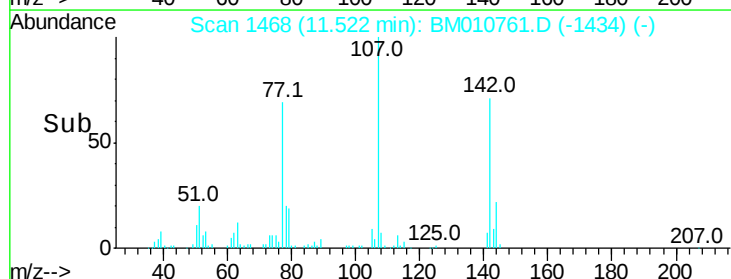
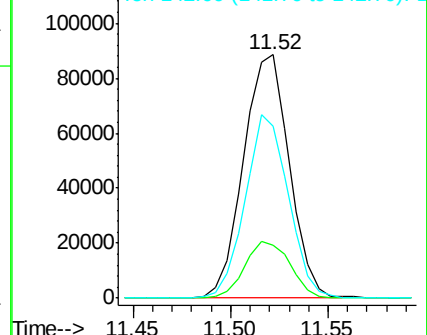
142 70.8 60.5 90.7

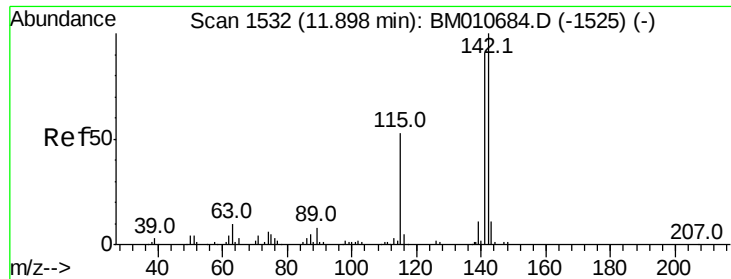


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.64 ng/ul

RT: 11.89 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Instrument :

BNA_M

ClientSampleId :

SSTD02002

Tot Ion:142 Resp: 272311

Ion Ratio Lower Upper

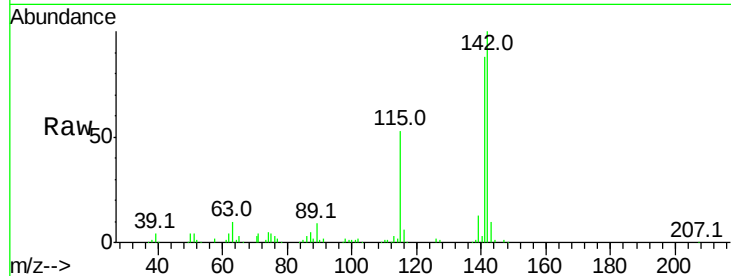
142 100

141 88.1 74.1 111.1

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.89

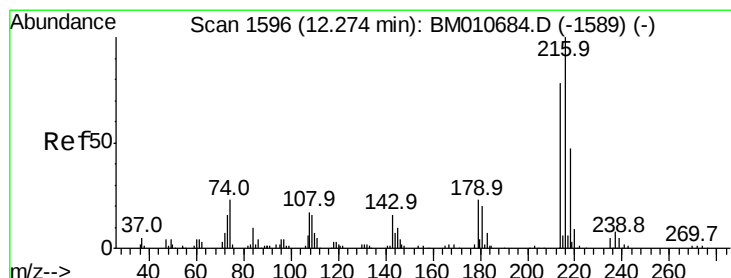
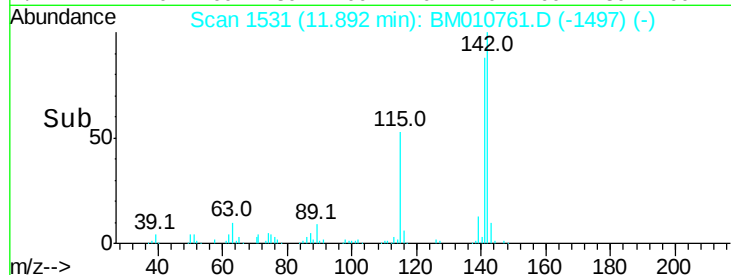
150000

100000

50000

0

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 21.05 ng/ul

RT: 12.27 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Tgt Ion:216 Resp: 182257

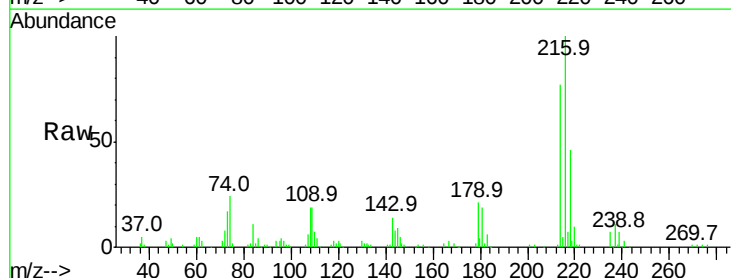
Ion Ratio Lower Upper

216 100

214 77.2 60.6 90.8

179 21.1 17.5 26.3

108 19.4 11.3 16.9#



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.27

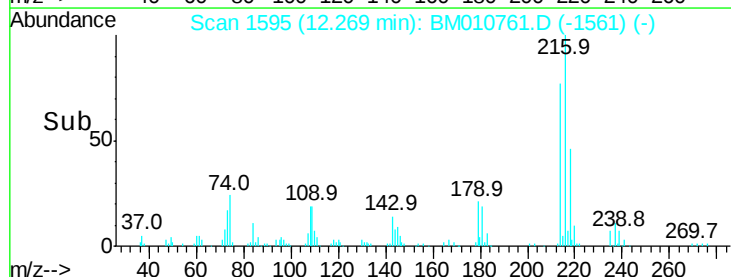
150000

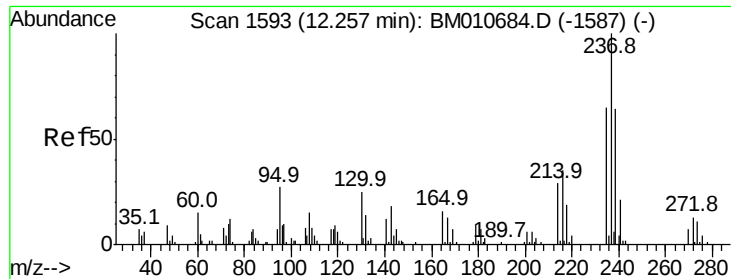
100000

50000

0

Time-->





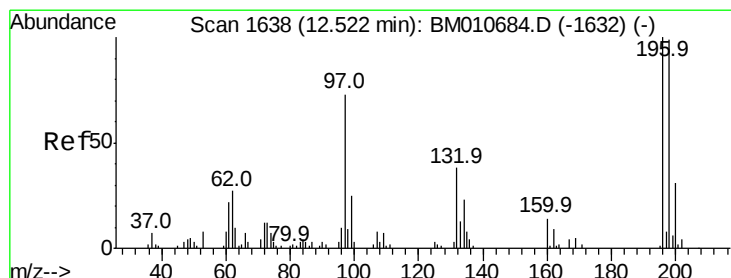
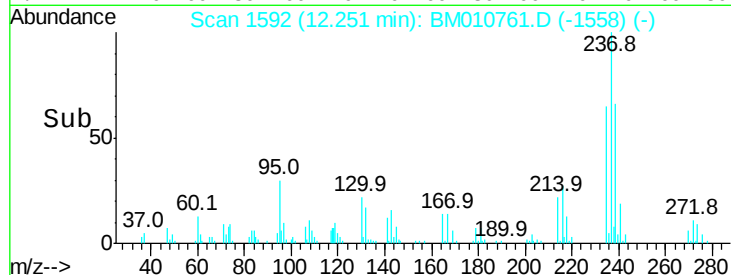
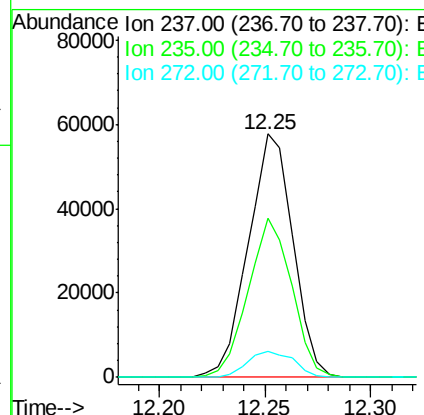
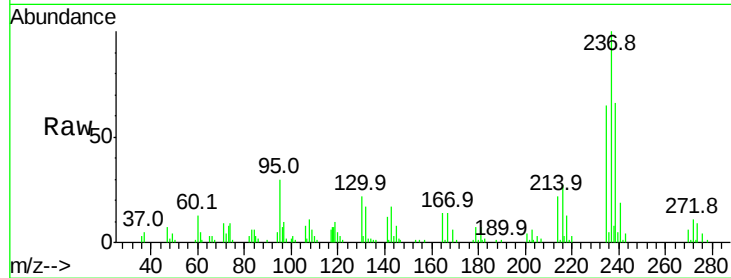
#37
Hexachlorocyclopentadiene
Concen: 17.04 ng/ul
RT: 12.25 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	65.1	50.2	75.4	
272	10.9	11.0	16.6	

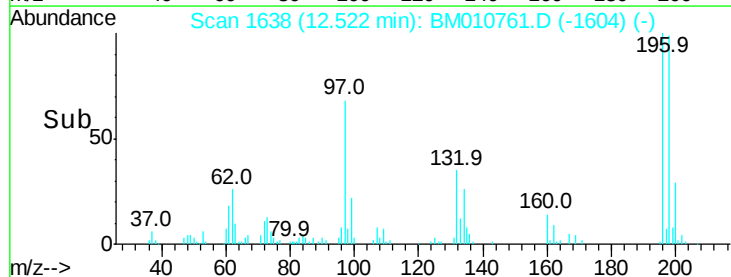
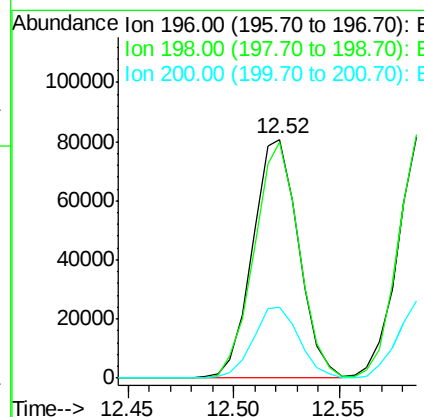
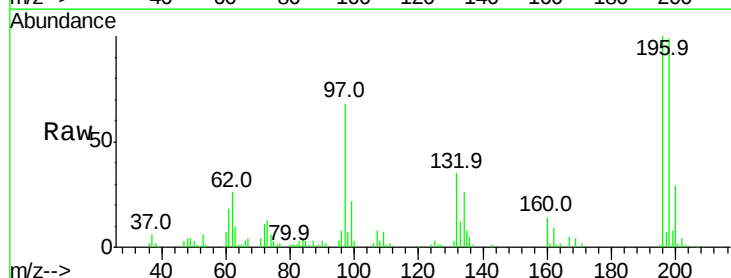
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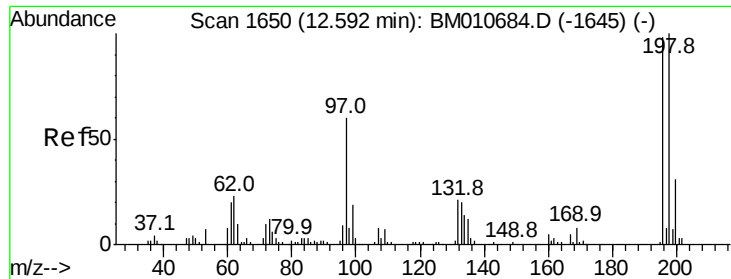
mohammad
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#38
2,4,6-Trichlorophenol
Concen: 20.60 ng/ul
RT: 12.52 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.8	74.1	111.1	
200	29.4	25.2	37.8	





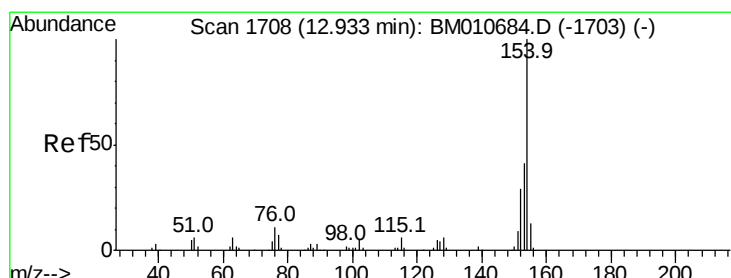
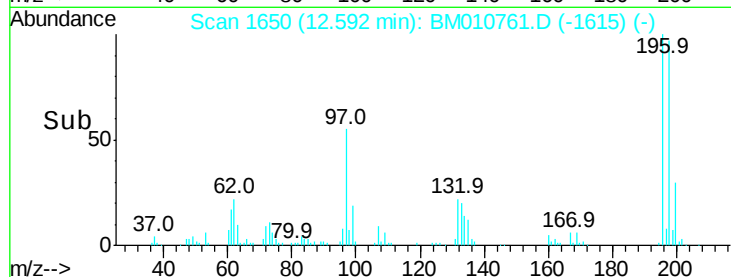
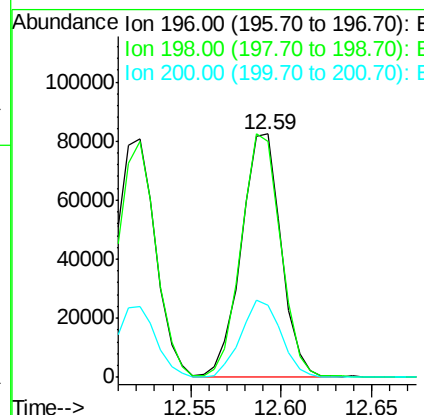
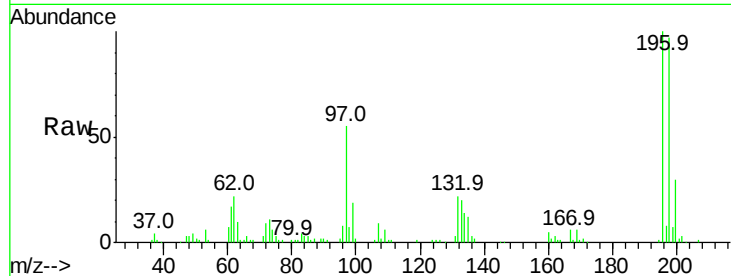
#39
 2,4,5-Trichlorophenol
 Concen: 20.50 ng/ul
 RT: 12.59 min Scan# 1650
 Delta R.T. 0.01 min
 Lab File: BM010761.D
 Acq: 27 Jun 2017 00:39

Instrument :
 BNA_M
 ClientSampled :
 SSTD02002

Tot Ion	Ratio	Resp	Lower	Upper
196	100	125124		
198	97.1	75.6	113.4	
200	29.8	25.5	38.3	

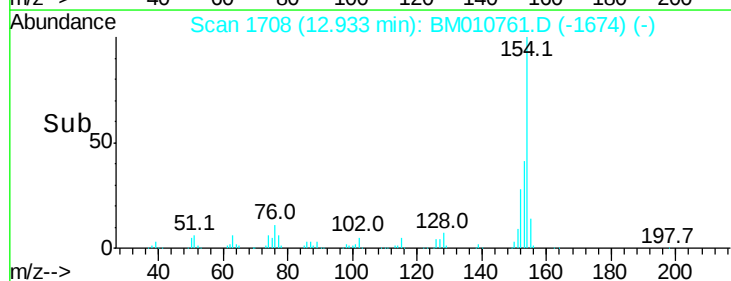
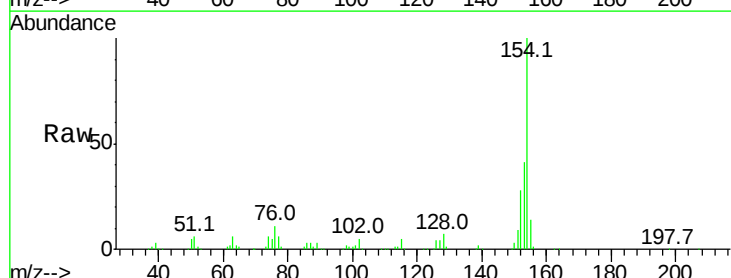
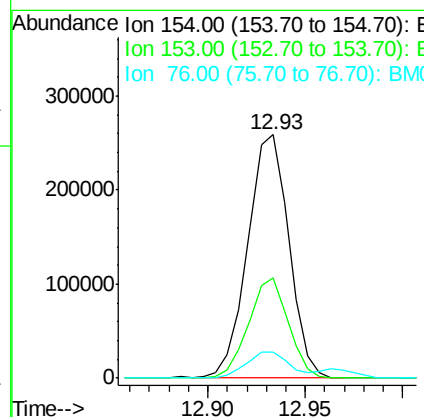
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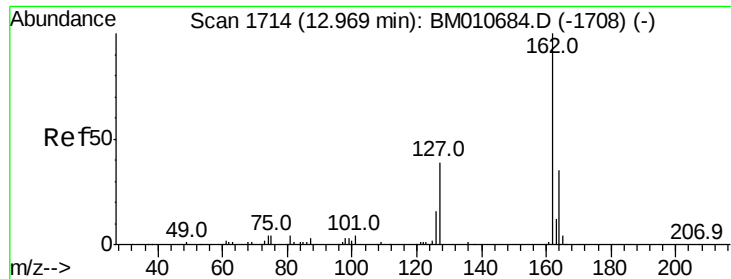
mohammad
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#40
 1,1'-Biphenyl
 Concen: 19.70 ng/ul
 RT: 12.93 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BM010761.D
 Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	377911		
153	41.1	32.6	48.8	
76	10.8	8.5	12.7	





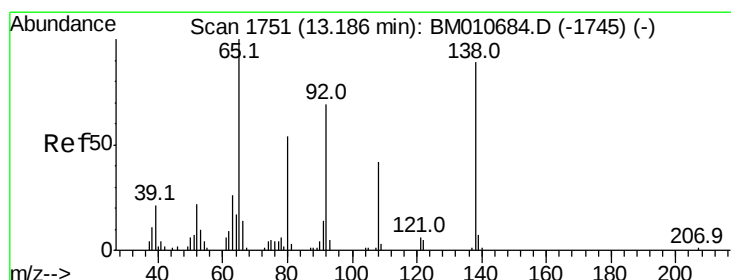
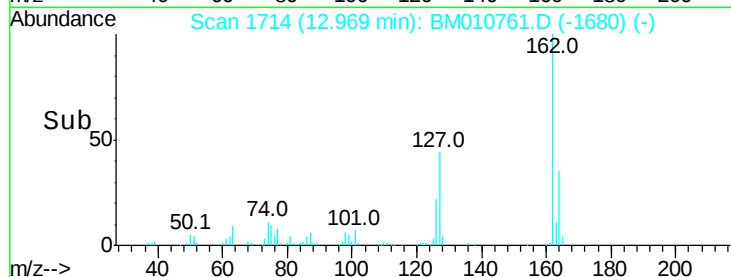
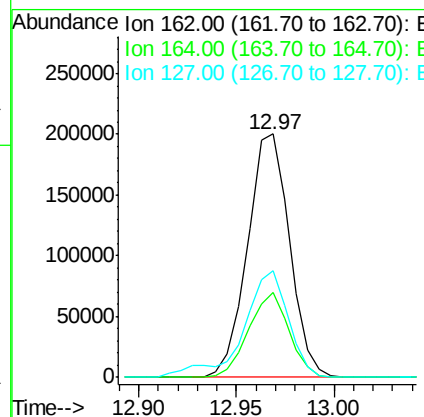
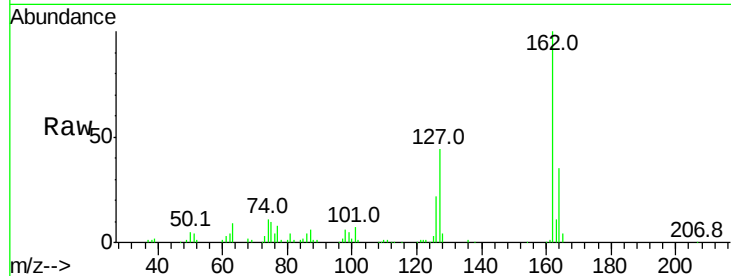
#41
 2-Chloronaphthalene
 Concen: 19.83 ng/ul
 RT: 12.97 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BM010761.D
 Acq: 27 Jun 2017 00:39

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02002

Tot Ion	Ratio	Lower	Upper
162	100		
164	34.9	25.9	38.9
127	43.7	29.4	44.2

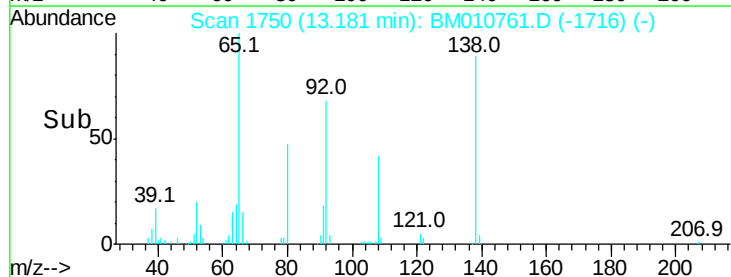
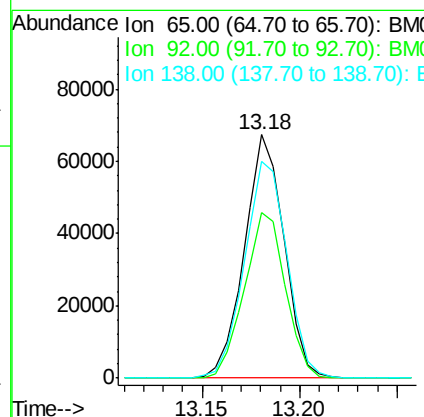
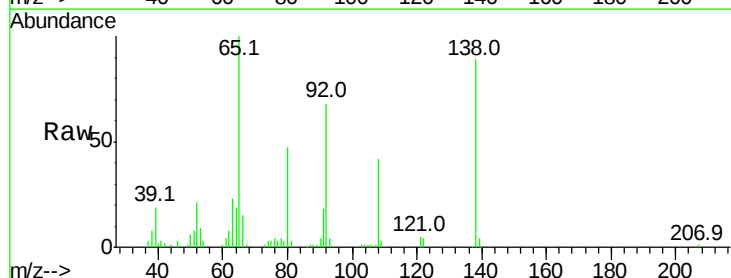
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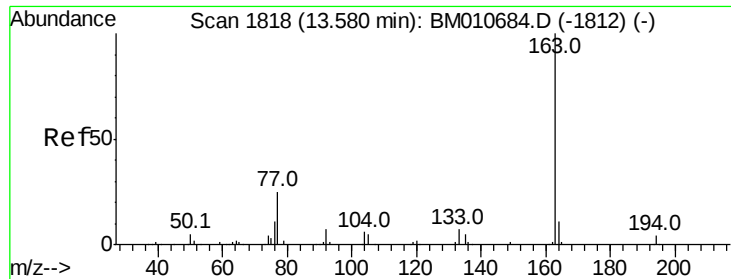
mohammad
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#42
 2-Nitroaniline
 Concen: 21.50 ng/ul
 RT: 13.18 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: BM010761.D
 Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	51.8	77.6
138	89.1	74.2	111.4





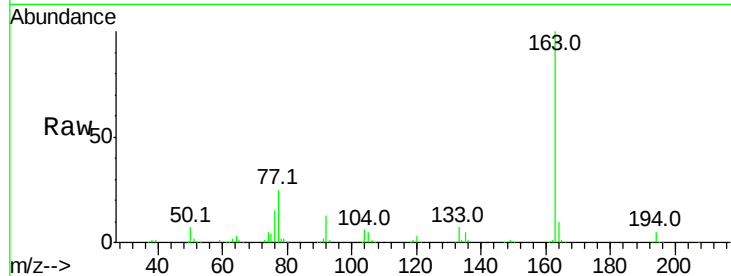
#44
Dimethylphthalate
Concen: 19.47 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

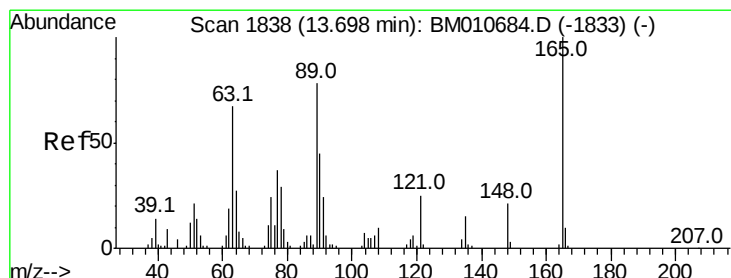
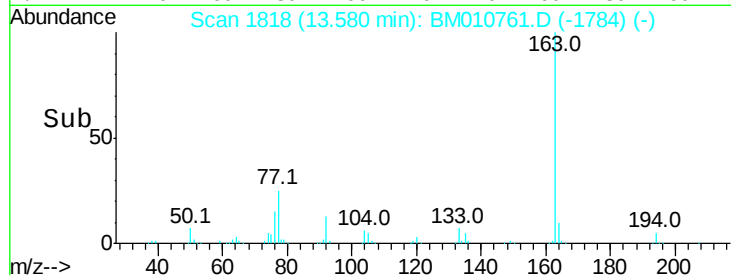
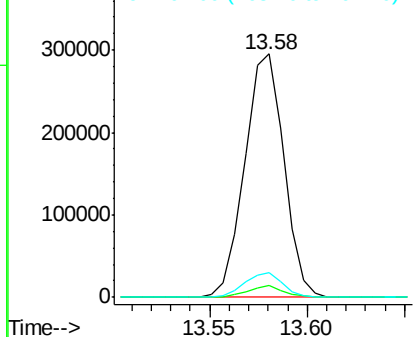
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.3	8.2	12.4

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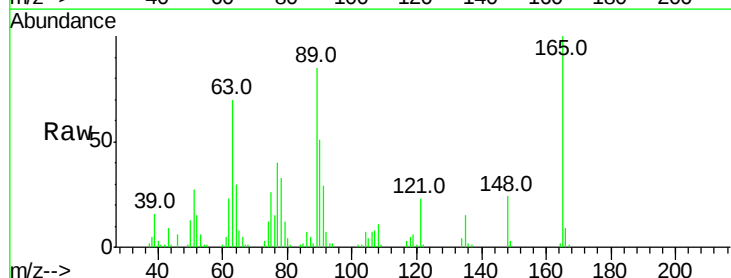


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

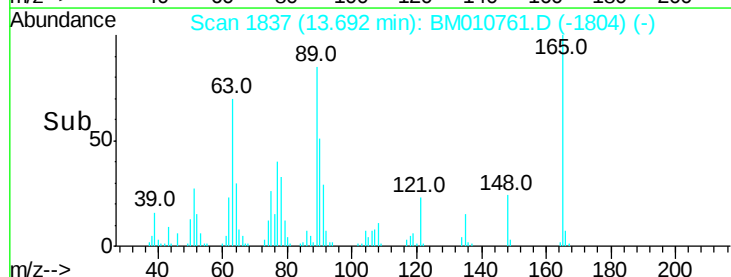
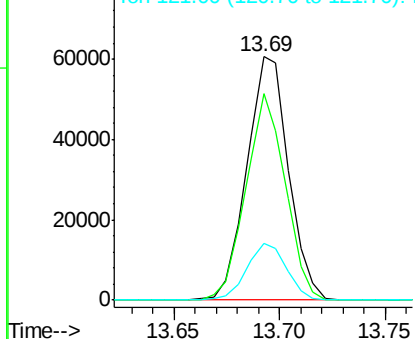


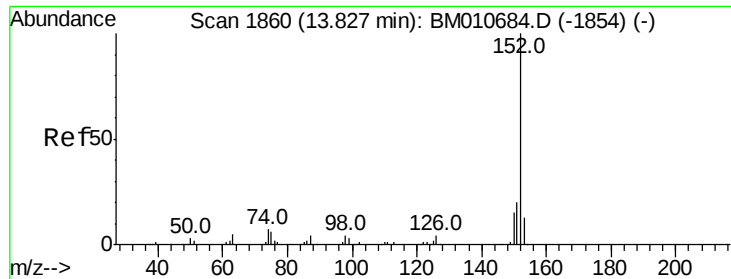
#45
2,6-Dinitrotoluene
Concen: 22.77 ng/ul
RT: 13.69 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
165	100		
89	85.0	52.6	79.0#
121	23.4	14.6	22.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM
Ion 121.00 (120.70 to 121.70): E





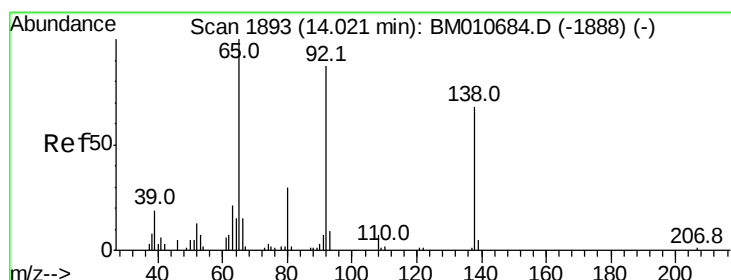
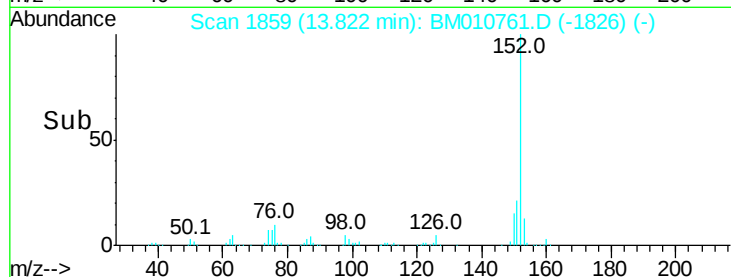
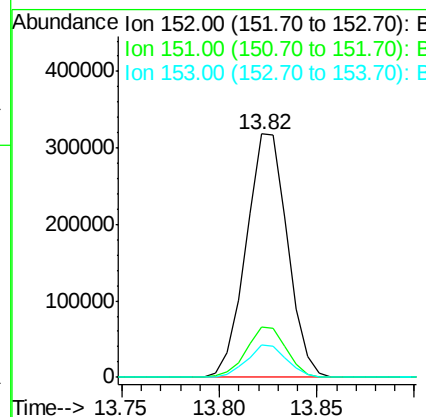
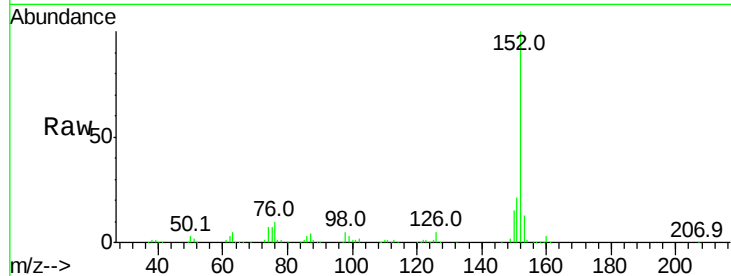
#47
Acenaphthylene
Concen: 19.61 ng/ul
RT: 13.82 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.4	10.2	15.4

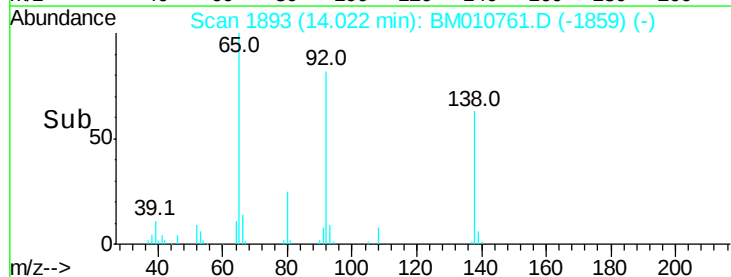
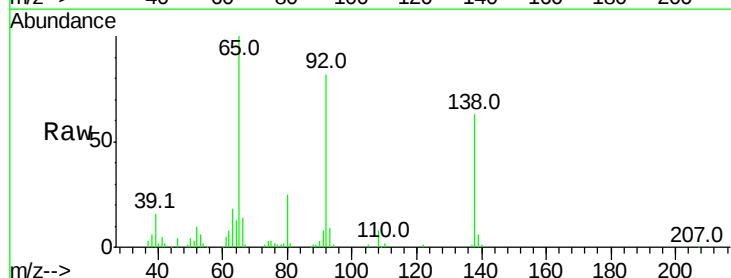
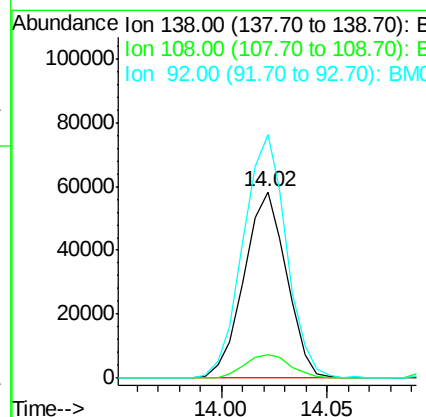
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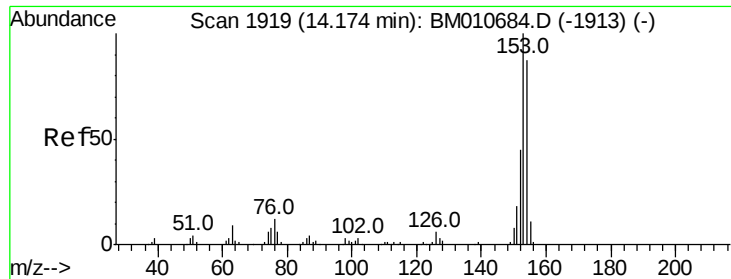
mohammad
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#48
3-Nitroaniline
Concen: 22.08 ng/ul
RT: 14.02 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.9	9.9	14.9
92	130.7	105.0	157.4





#49

Acenaphthene

Concen: 19.46 ng/ul

RT: 14.17 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Instrument :

BNA_M

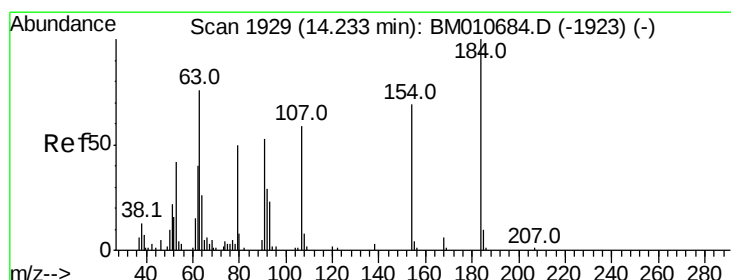
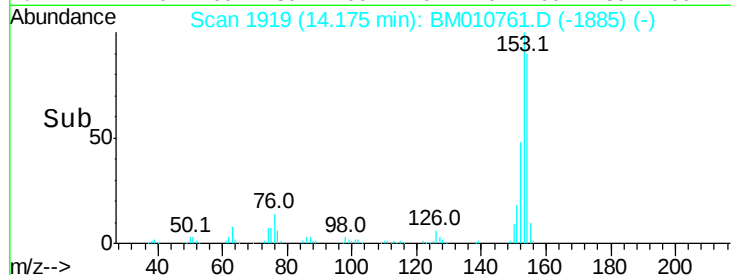
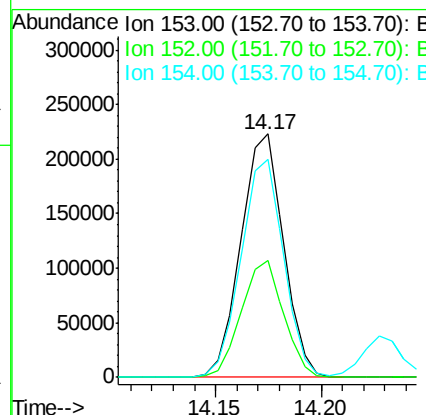
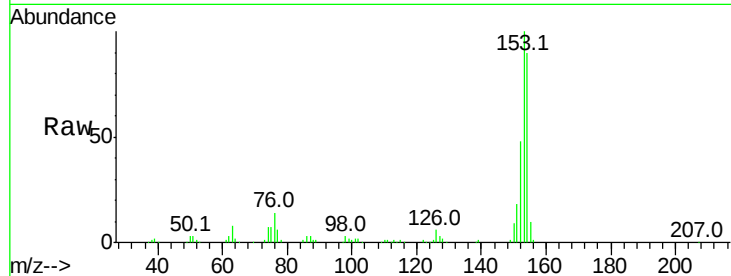
ClientSampleId :

SSTD02002

Tot Ion:	153	Resp:	313249
Ion Ratio	Lower	Upper	
153	100		
152	47.9	37.6	56.4
154	89.5	70.4	105.6

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#50

2,4-Dinitrophenol

Concen: 20.60 ng/ul

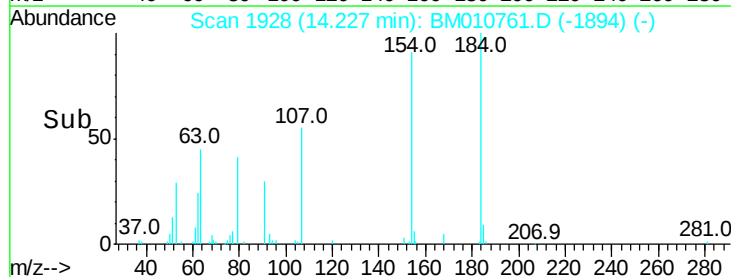
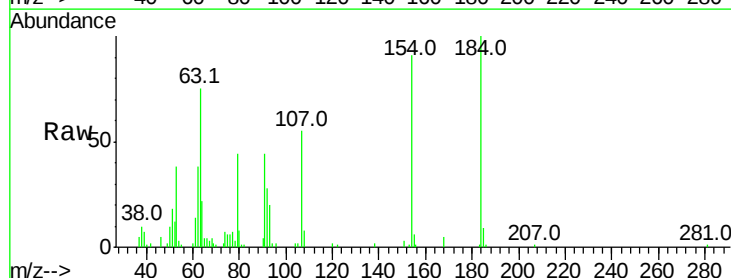
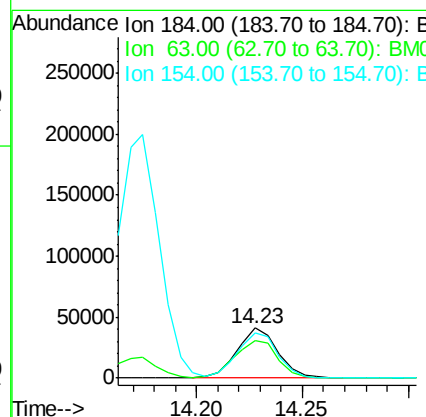
RT: 14.23 min Scan# 1928

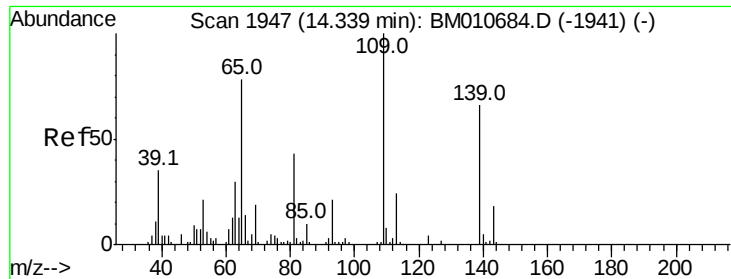
Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Tgt Ion:	184	Resp:	54563
Ion Ratio	Lower	Upper	
184	100		
63	75.3	50.1	75.1#
154	91.0	54.5	81.7#





#52

4-Nitrophenol

Concen: 23.60 ng/ul

RT: 14.34 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Instrument :

BNA_M

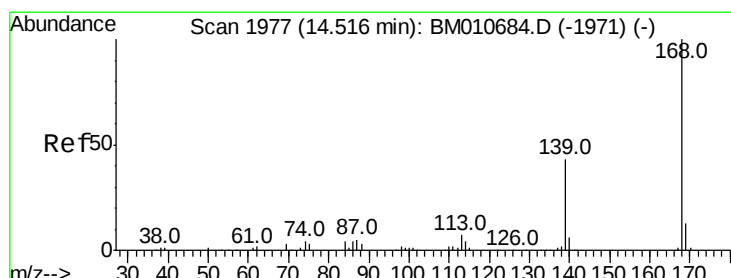
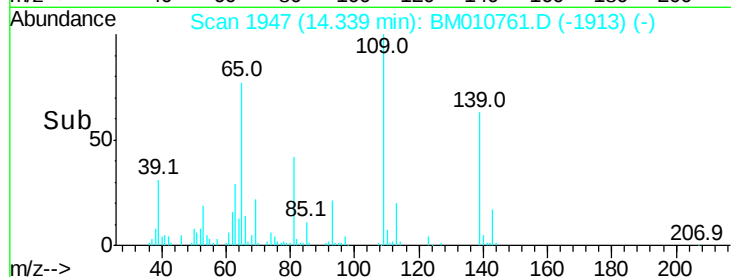
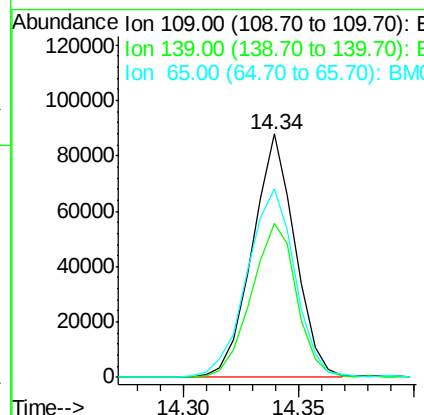
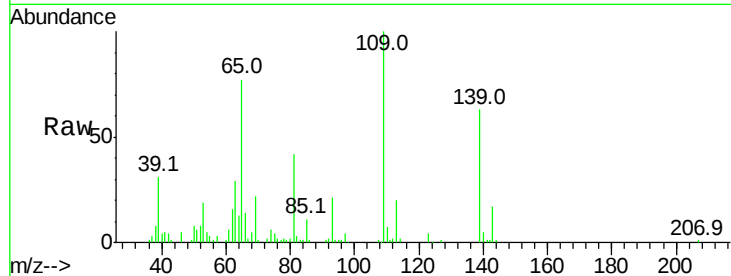
ClientSampleId :

SSTD02002

Tot Ion:	109	Resp:	113482
Ion Ratio	Lower	Upper	
109	100		
139	63.0	66.6	100.0#
65	77.3	78.3	117.5#

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#53

Dibenzofuran

Concen: 20.00 ng/ul

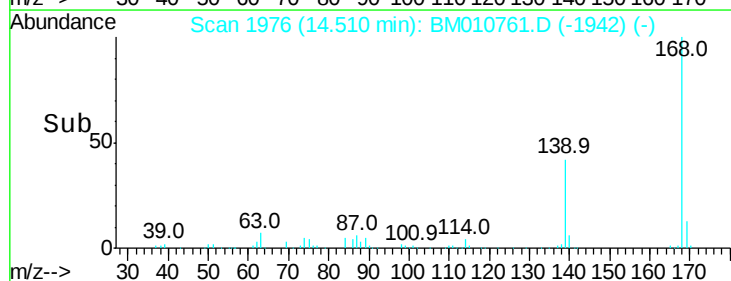
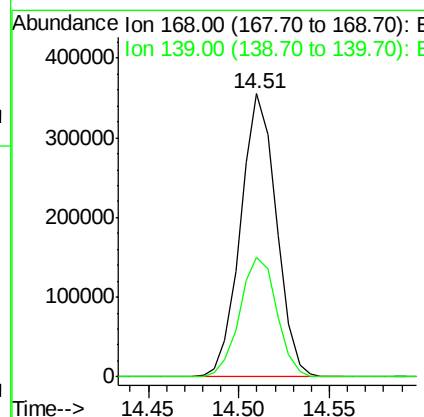
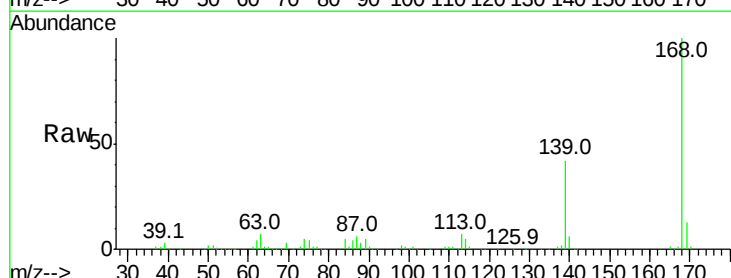
RT: 14.51 min Scan# 1976

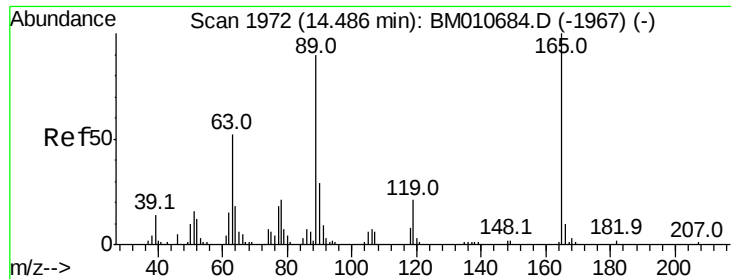
Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Tgt Ion:	168	Resp:	487447
Ion Ratio	Lower	Upper	
168	100		
139	42.3	30.8	46.2





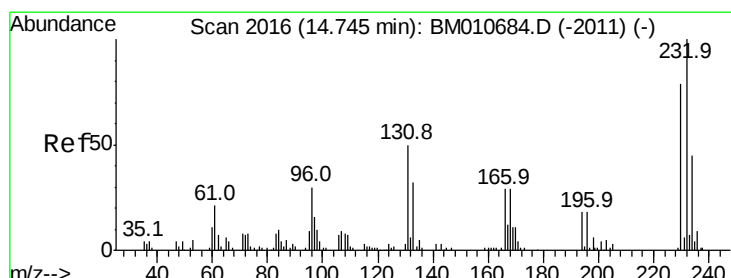
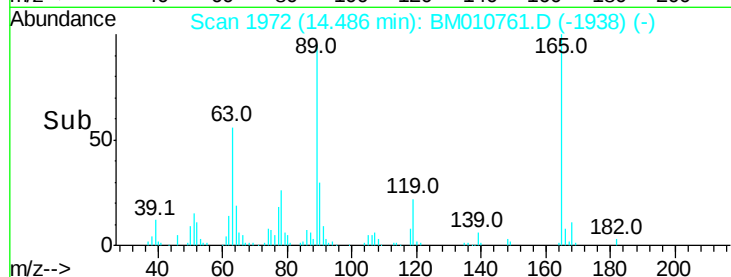
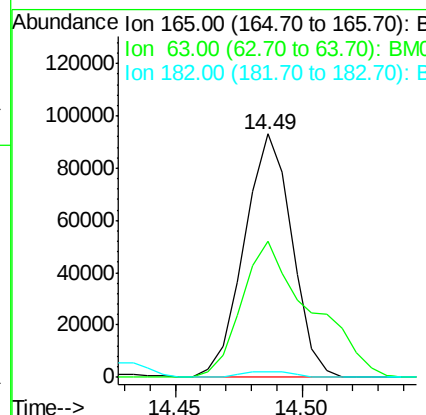
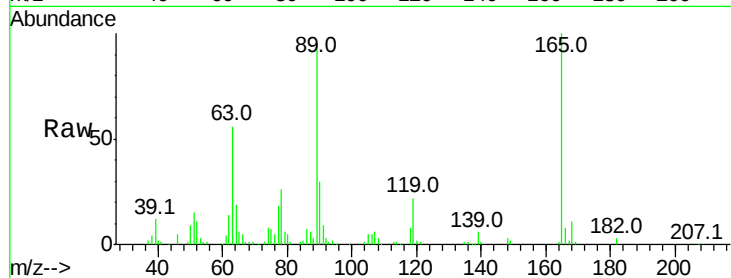
#54
2,4-Dinitrotoluene
Concen: 21.60 ng/ul
RT: 14.49 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	55.9	45.8	68.8
182	2.5	2.6	4.0#

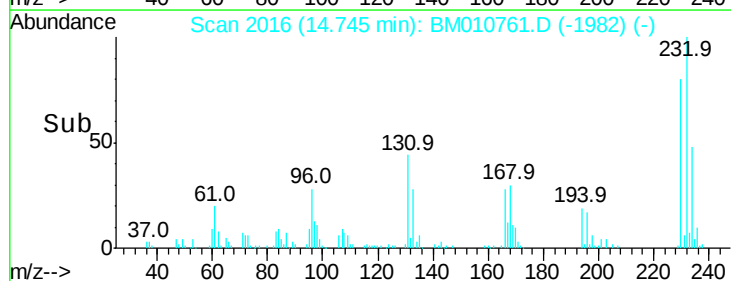
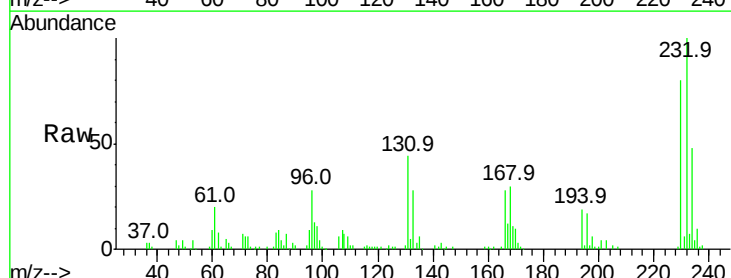
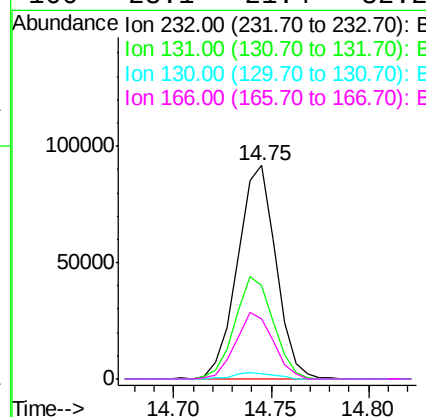
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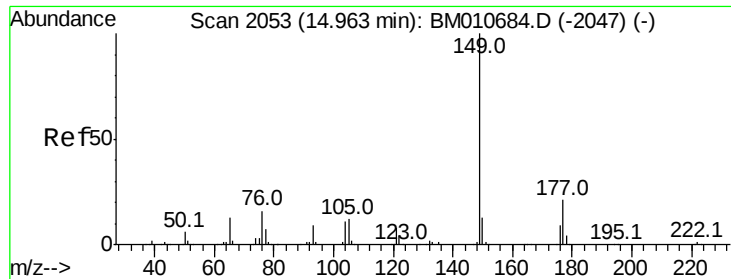
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#55
2,3,4,6-Tetrachlorophenol
Concen: 20.29 ng/ul
RT: 14.75 min Scan# 2016
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Resp Lower	Upper
232	100		
131	43.9	29.0	43.4#
130	2.2	2.0	3.0
166	28.1	21.4	32.2





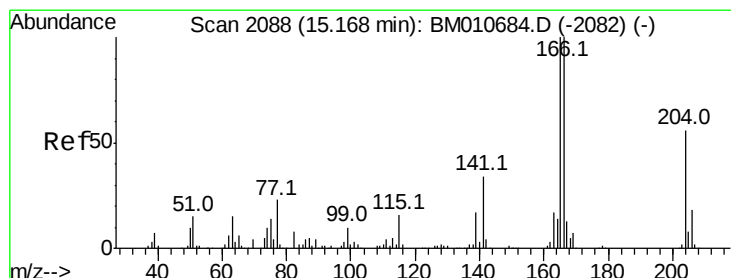
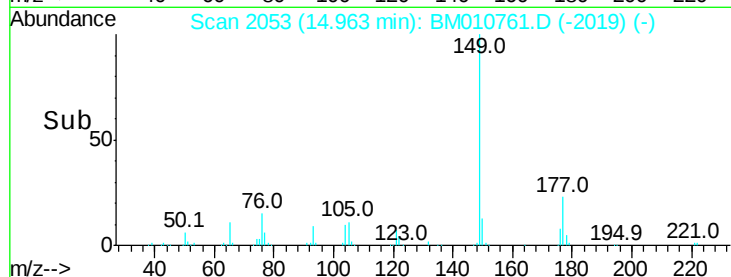
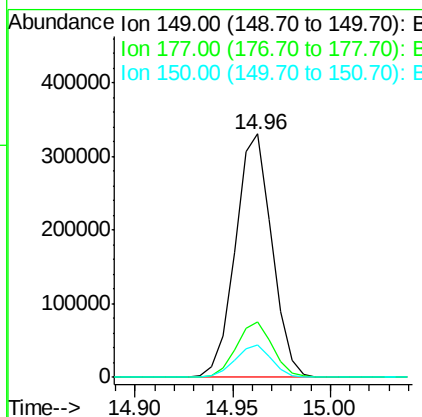
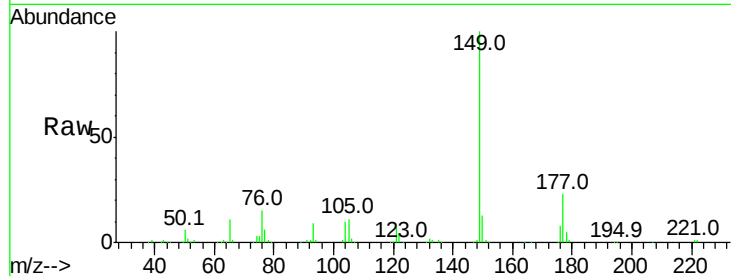
#56
Diethylphthalate
Concen: 19.27 ng/ul
RT: 14.96 min Scan# 2053
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Resp	Lower	Upper
149	100	427935		
177	22.6	20.5	30.7	
150	13.3	10.6	15.8	

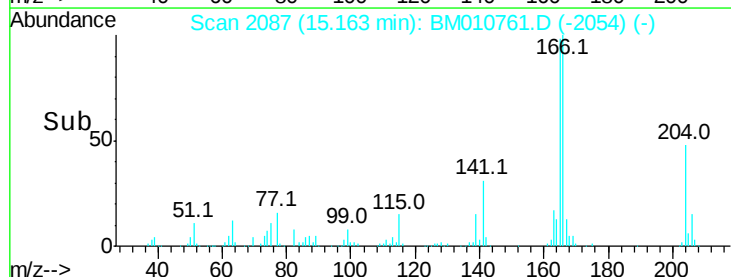
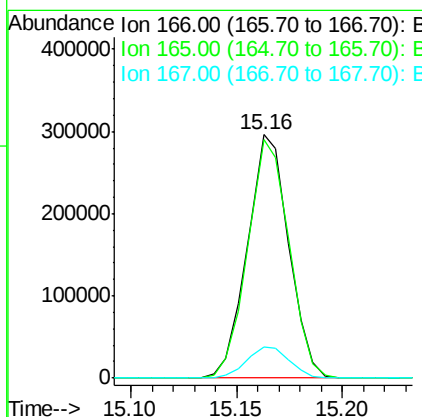
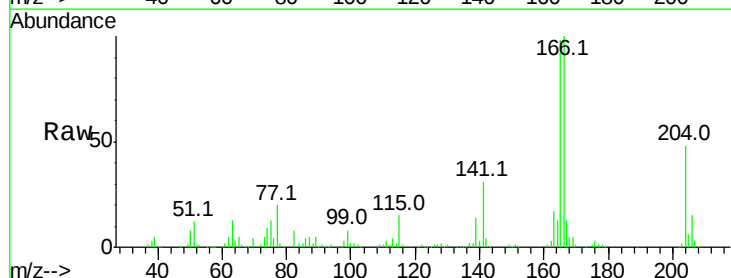
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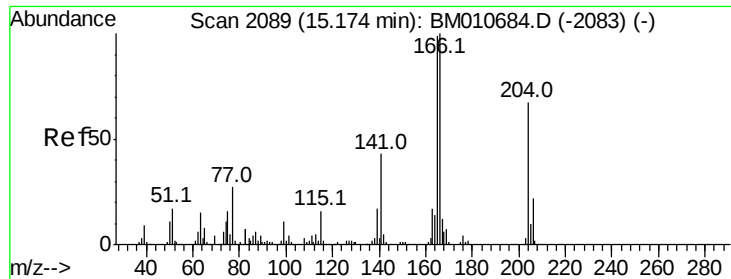
mohammad
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#58
Fluorene
Concen: 19.78 ng/ul
RT: 15.16 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	403725		
165	97.7	77.9	116.9	
167	12.9	10.6	16.0	





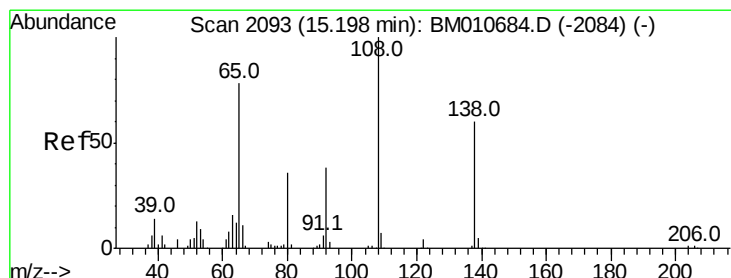
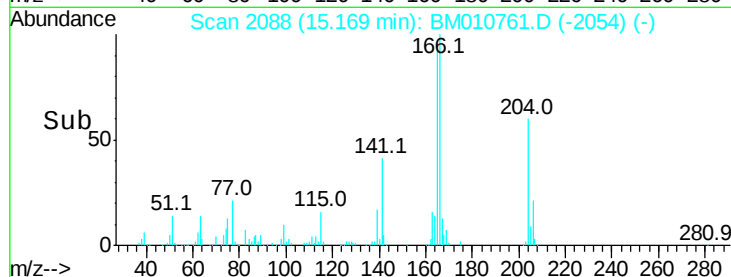
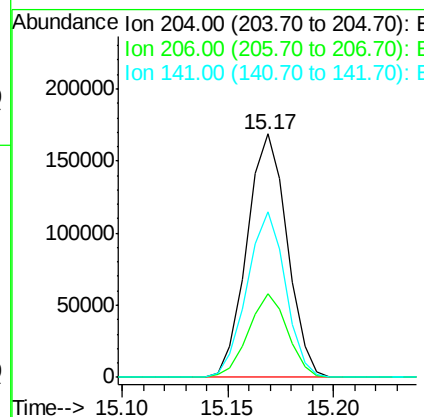
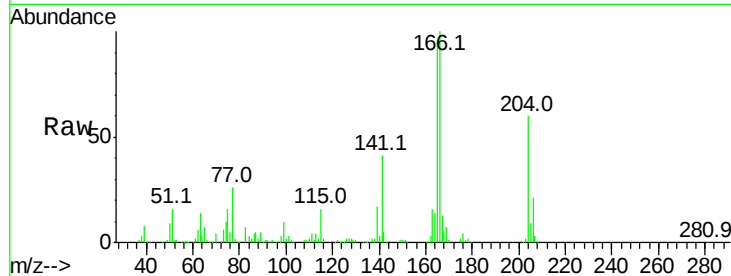
#59
4-Chlorophenyl-phenylether
Concen: 20.13 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	24.8	37.2
141	68.0	44.3	66.5

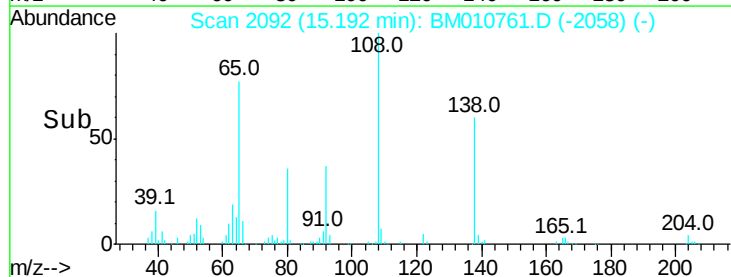
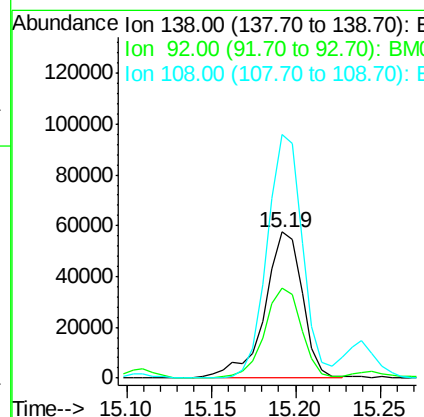
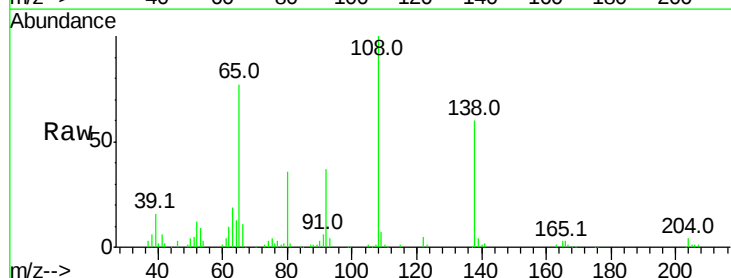
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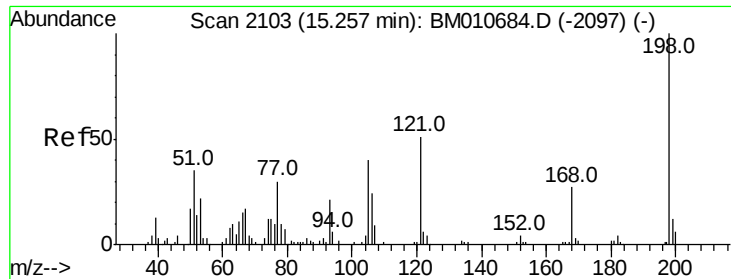
mohammad
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#60
4-Nitroaniline
Concen: 20.61 ng/ul
RT: 15.19 min Scan# 2092
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.9	52.7	79.1
108	166.8	140.4	210.6





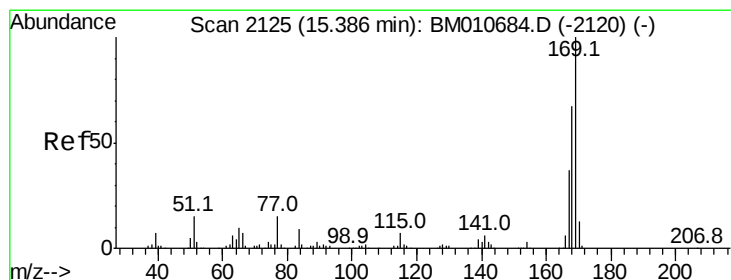
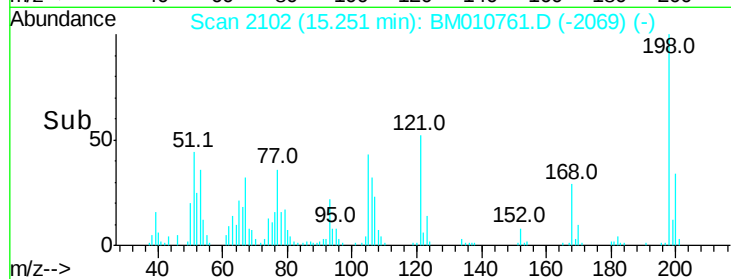
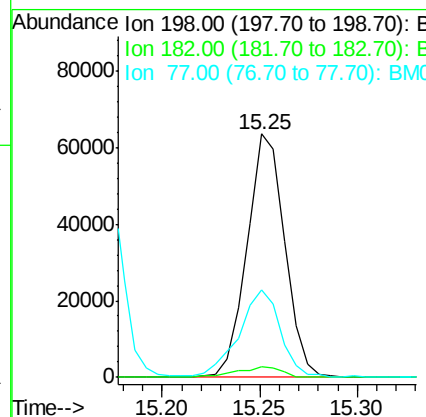
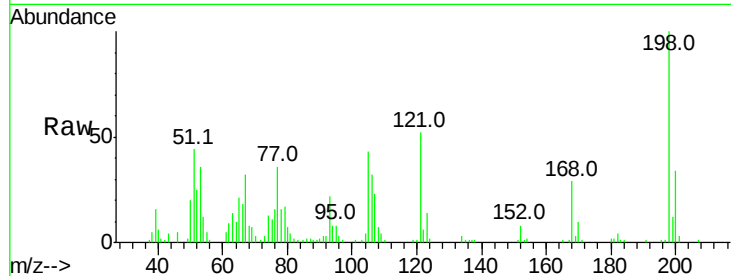
#63
 4,6-Dinitro-2-methylphenol
 Concen: 19.70 ng/ul
 RT: 15.25 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BM010761.D
 Acq: 27 Jun 2017 00:39

Instrument :
 BNA_M
 ClientSampleId :
 SST02002

Tot Ion	Ratio	Lower	Upper
198	100		
182	4.2	3.8	5.6
77	35.8	25.2	37.8

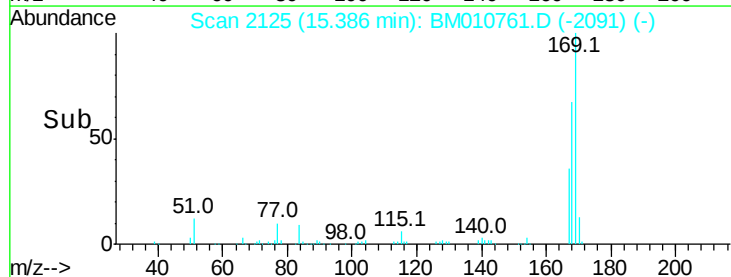
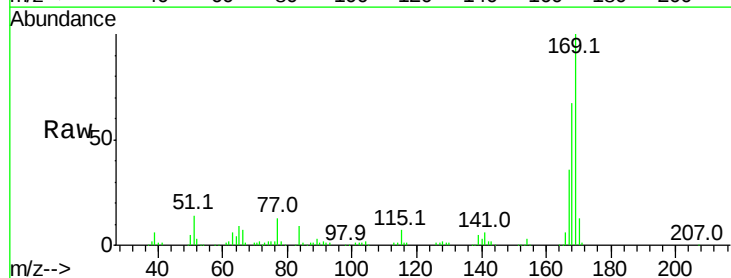
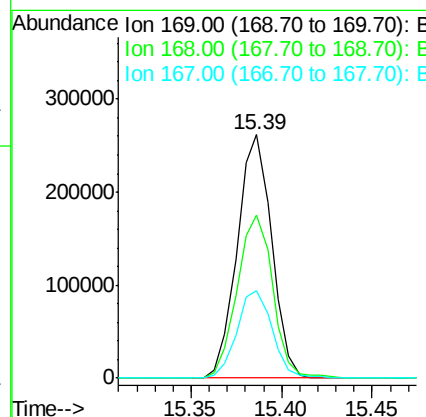
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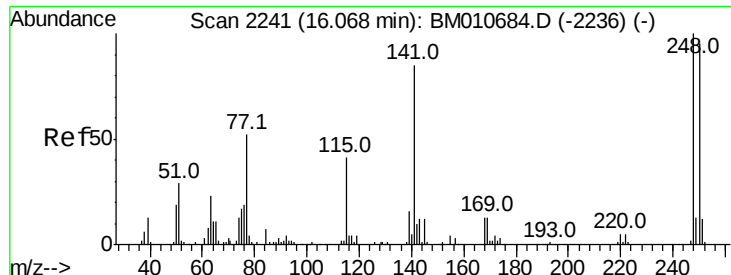
mohammad
 6/28/2017 7:54:09 AM



#64
 N-Nitrosodiphenylamine
 Concen: 18.85 ng/ul
 RT: 15.39 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BM010761.D
 Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.0	81.0
167	36.0	29.1	43.7





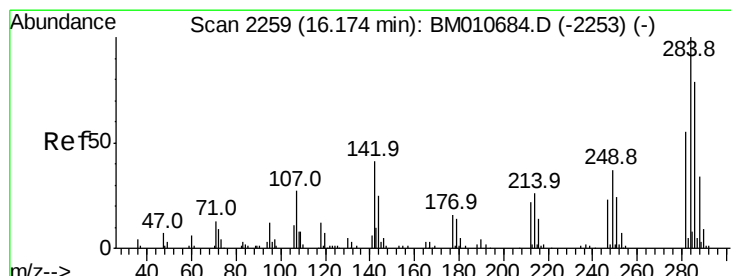
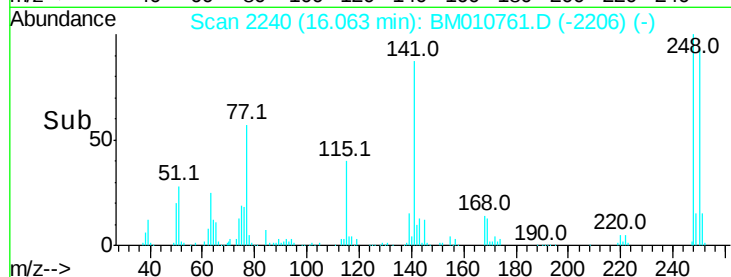
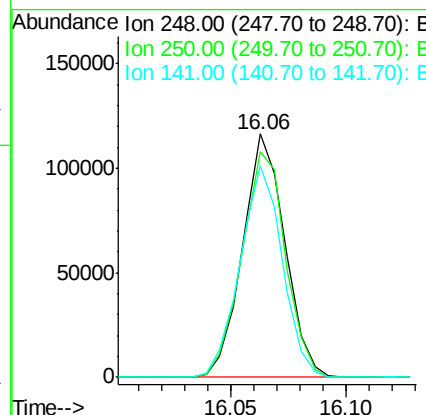
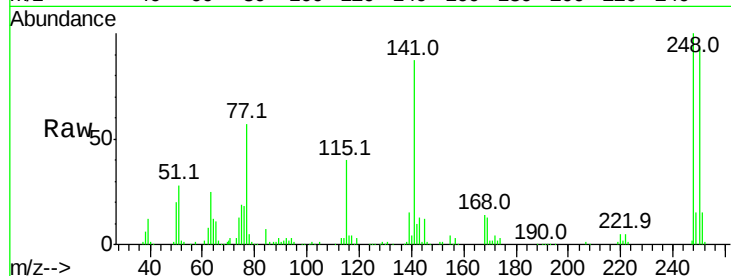
#65
4-Bromophenyl-phenylether
Concen: 19.63 ng/ul
RT: 16.06 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.9	80.5	120.7
141	87.0	53.6	80.4

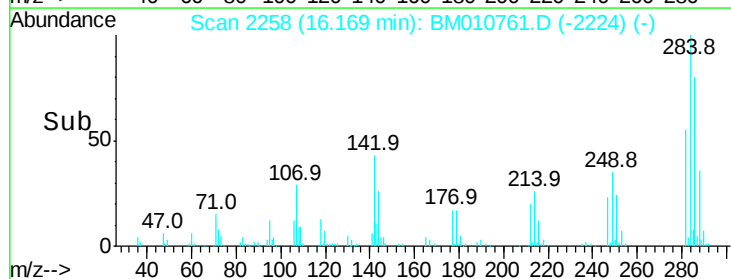
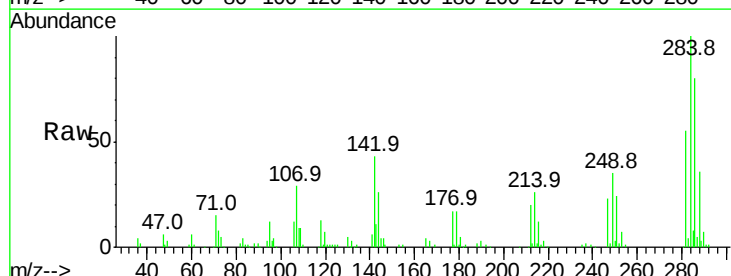
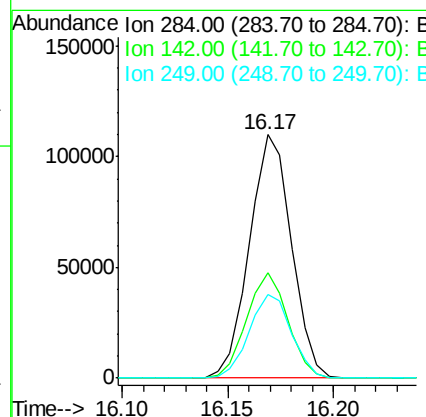
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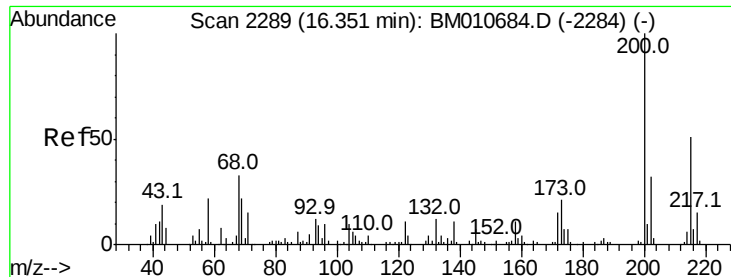
mohammad
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#66
Hexachlorobenzene
Concen: 19.07 ng/ul
RT: 16.17 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.3	21.2	31.8
249	34.5	24.5	36.7





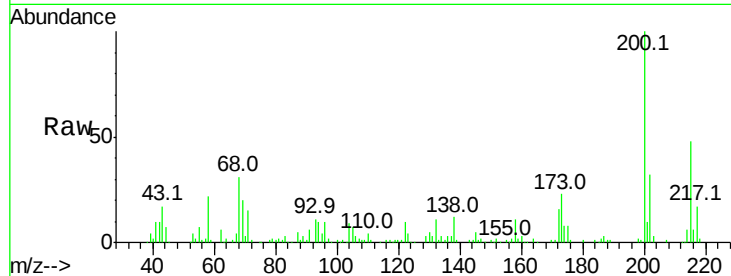
#67
Atrazine
Concen: 20.25 ng/ul
RT: 16.35 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

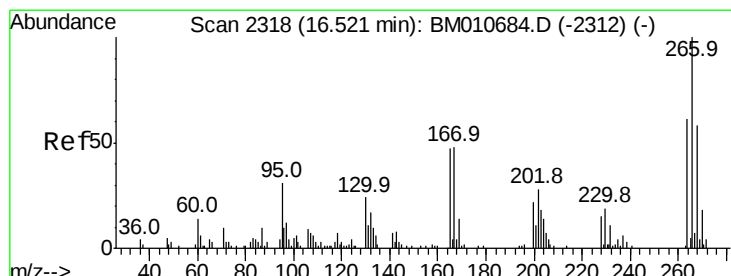
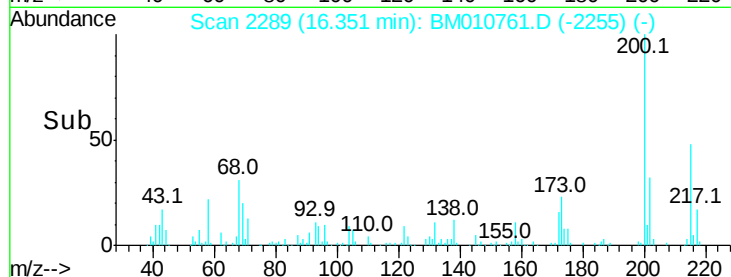
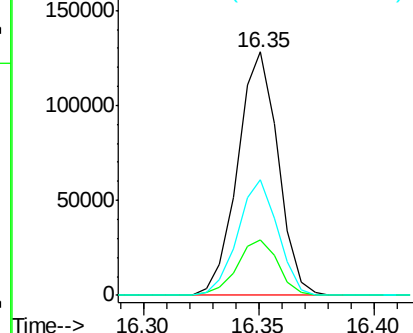
Tot Ion	Ratio	Lower	Upper
200	100		
173	22.9	18.2	27.2
215	47.7	35.0	52.4

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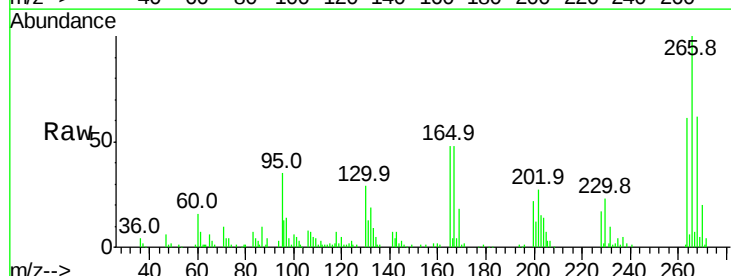


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

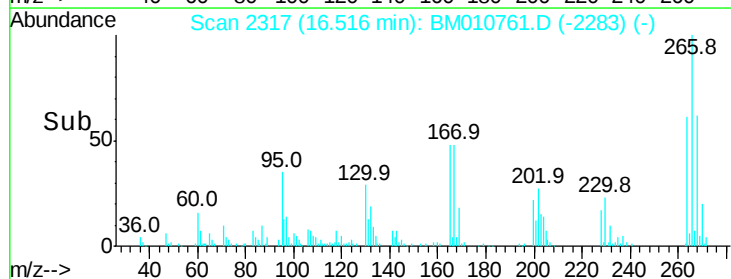
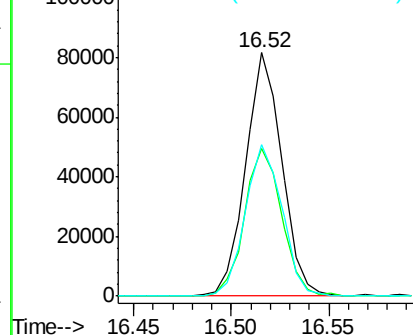


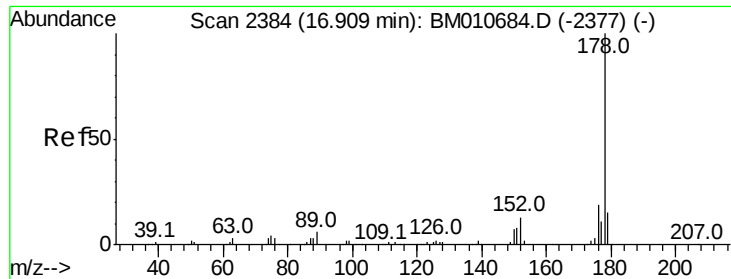
#68
Pentachlorophenol
Concen: 18.71 ng/ul
RT: 16.52 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.9	49.3	73.9
268	62.4	52.6	78.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





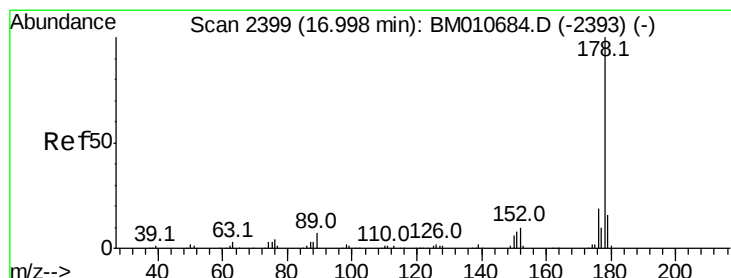
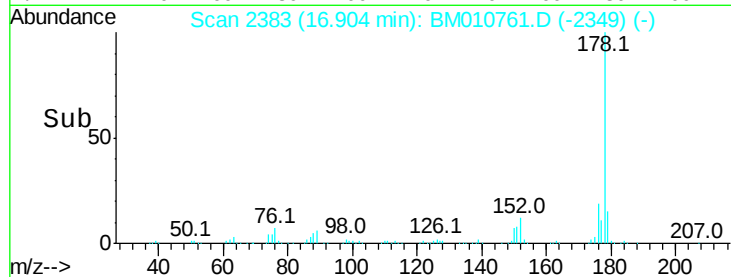
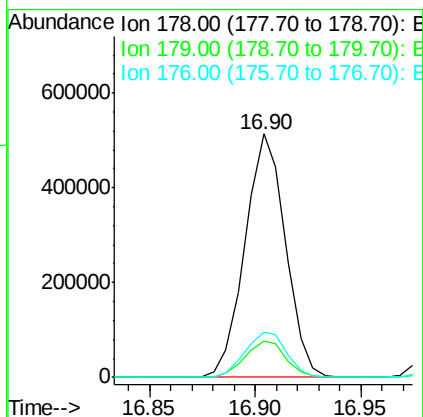
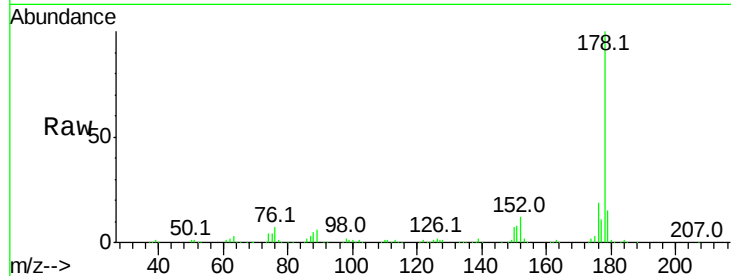
#69
Phenanthrene
Concen: 19.45 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	19.0
176	18.7	14.9	22.3

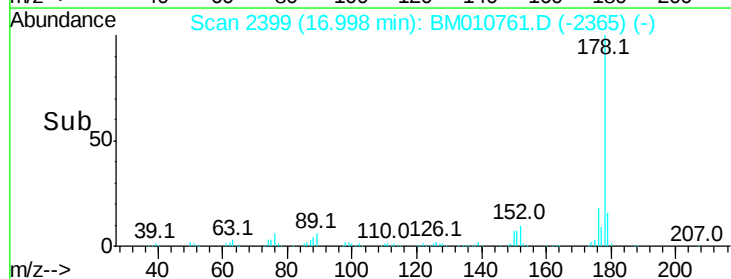
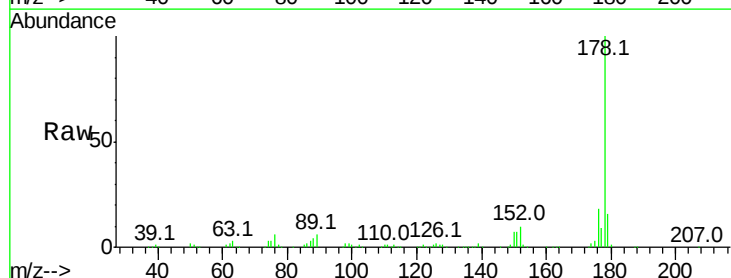
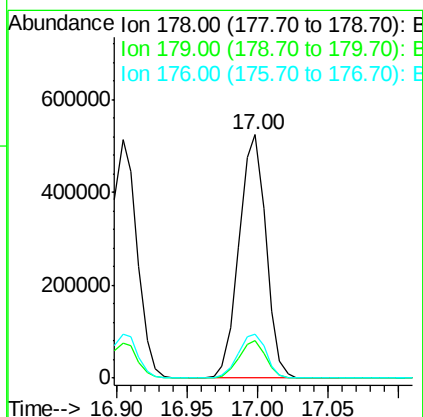
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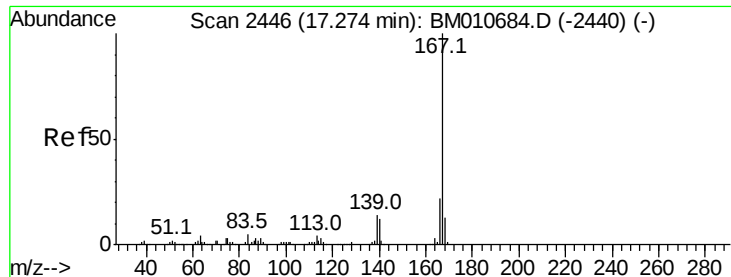
mohammad
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#71
Anthracene
Concen: 19.30 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	17.8	14.6	21.8





#72

Carbazole

Concen: 19.00 ng/ul

RT: 17.27 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Instrument :

BNA_M

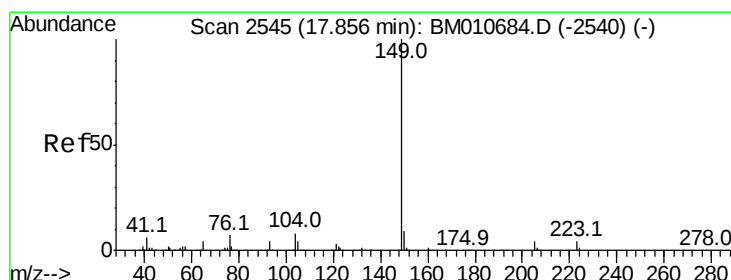
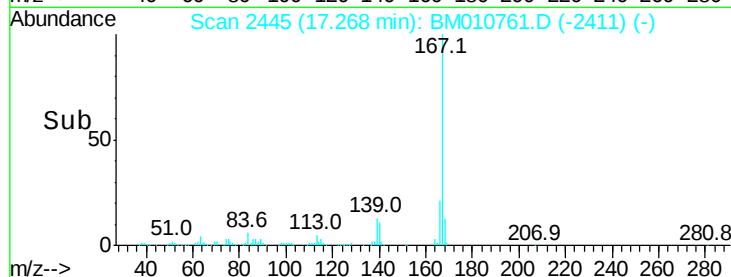
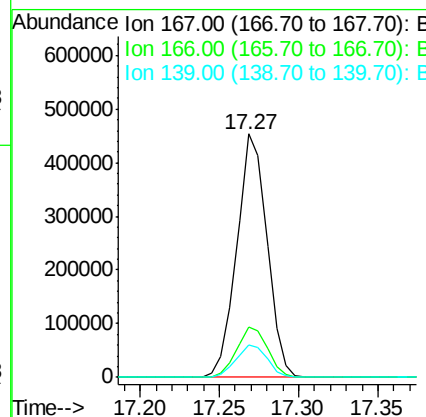
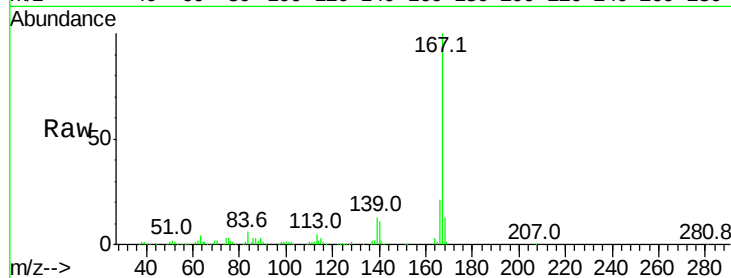
ClientSampleId :

SSTD02002

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	13.2	10.0	15.0

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#73

Di-n-butylphthalate

Concen: 18.75 ng/ul

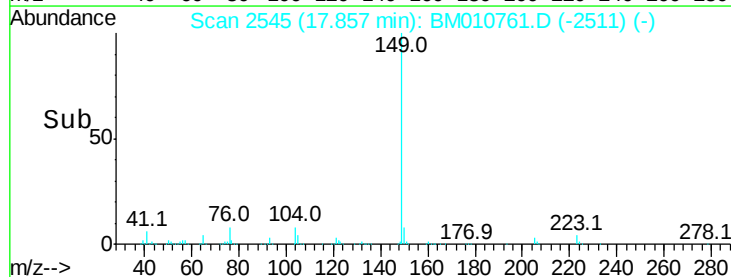
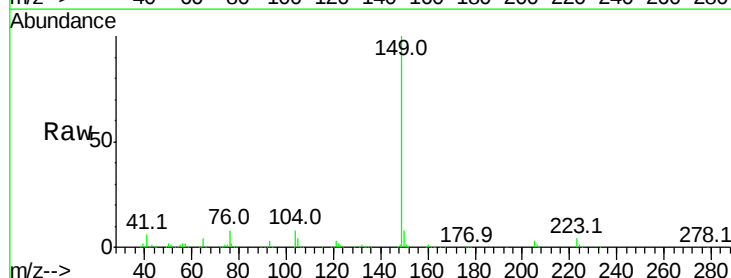
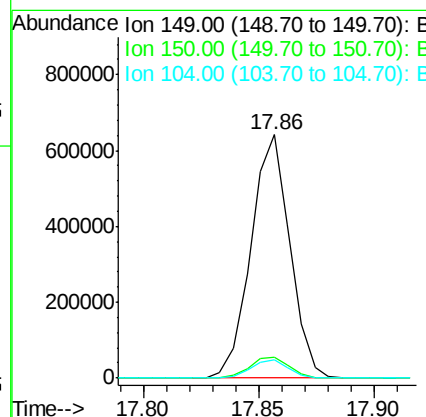
RT: 17.86 min Scan# 2545

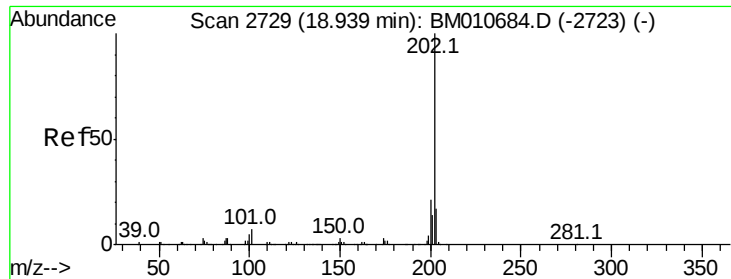
Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.4	7.1	10.7
104	7.5	5.6	8.4





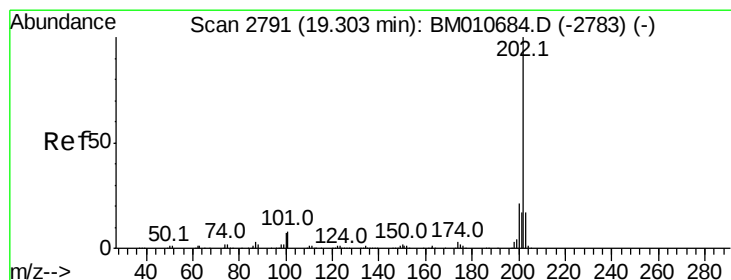
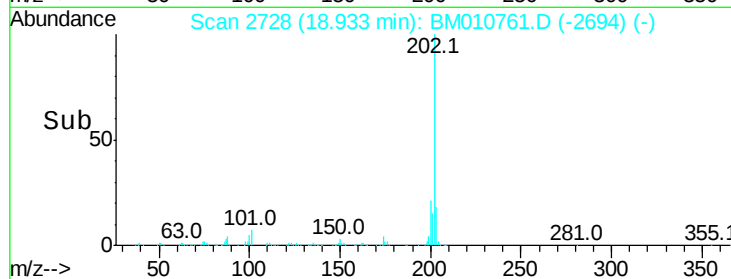
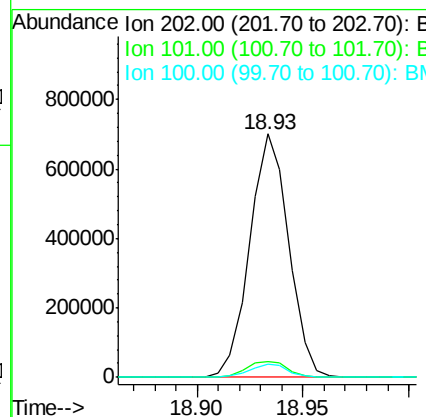
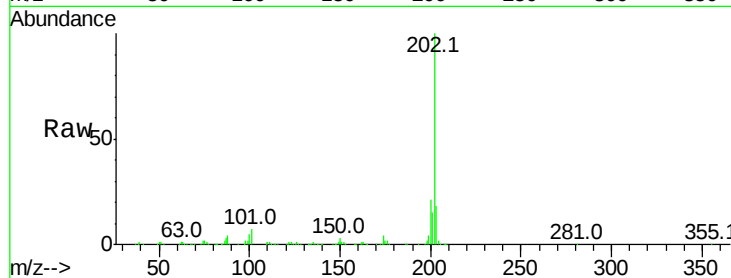
#74
Fluoranthene
Concen: 19.79 ng/ul
RT: 18.93 min Scan# 2728
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.5	4.6	7.0
100	5.4	3.4	5.2

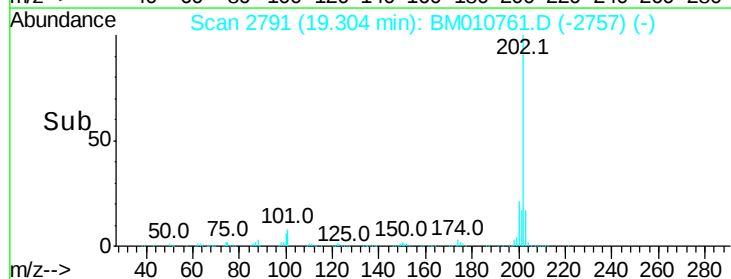
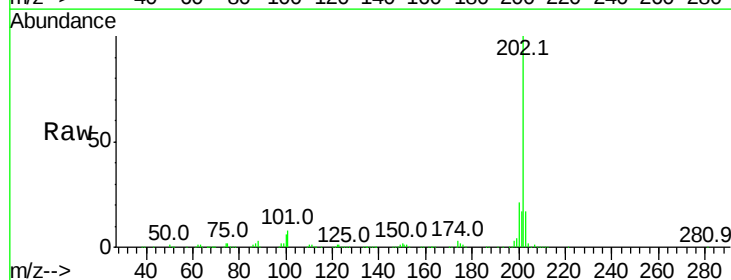
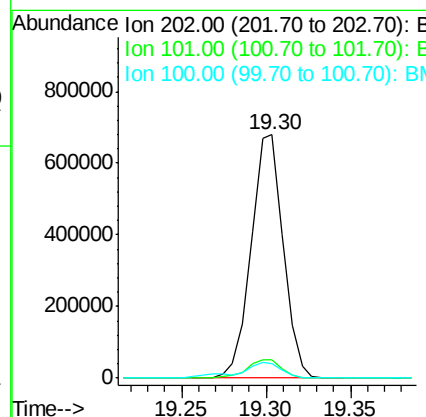
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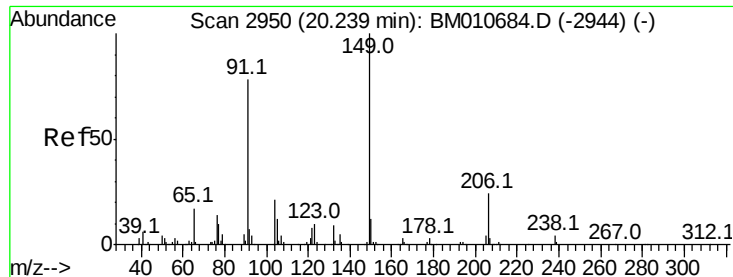
mohammad
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#77
Pyrene
Concen: 20.37 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	7.7	5.1	7.7
100	6.1	4.9	7.3





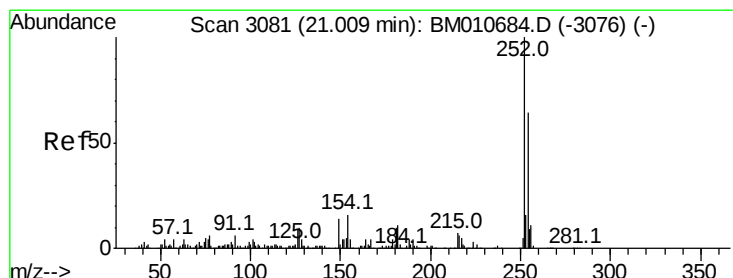
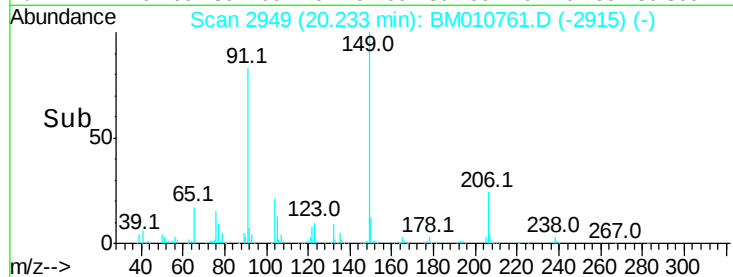
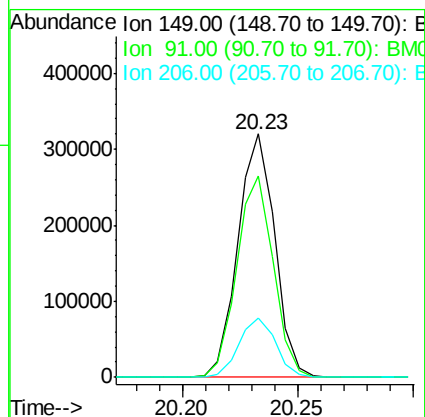
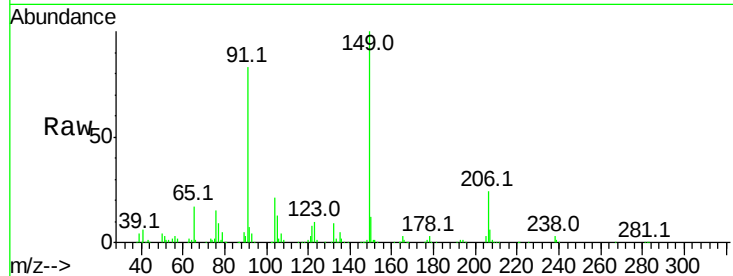
#78
Butylbenzylphthalate
Concen: 21.39 ng/ul
RT: 20.23 min Scan# 2949
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Resp	Lower	Upper
149	100	356273		
91	82.9	62.7	94.1	
206	24.1	20.8	31.2	

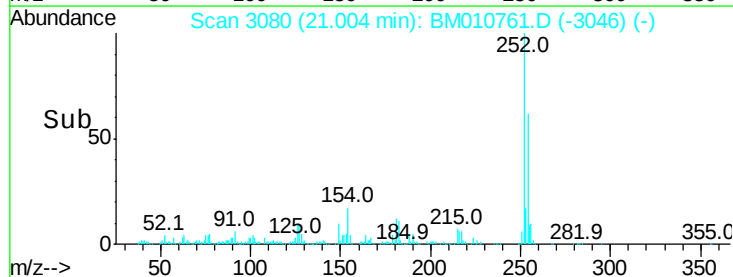
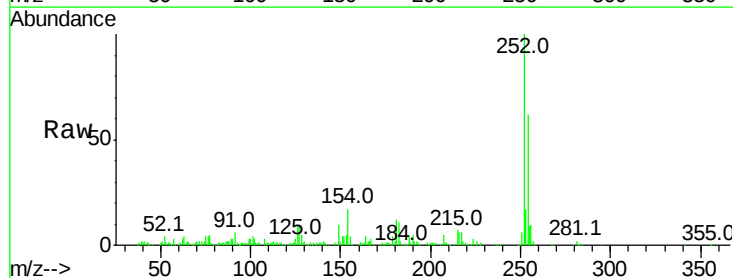
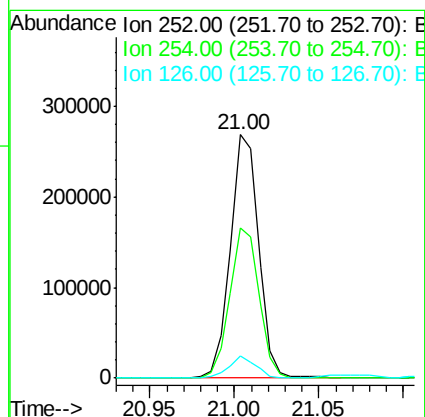
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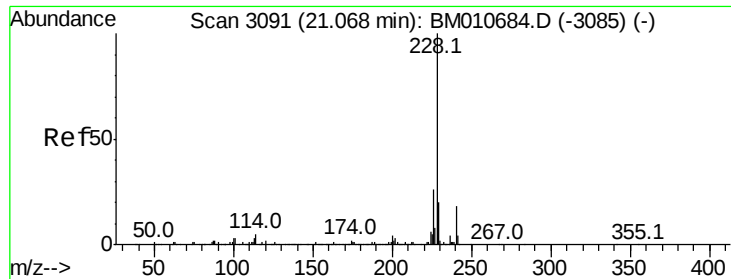
mohammad
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#79
3,3'-Dichlorobenzidine
Concen: 20.37 ng/ul
RT: 21.00 min Scan# 3080
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	312504		
254	61.5	54.5	81.7	
126	9.0	5.8	8.8#	





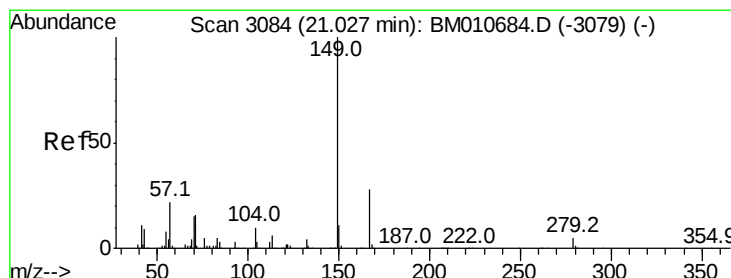
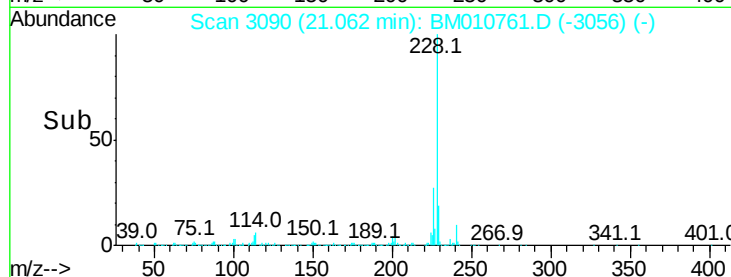
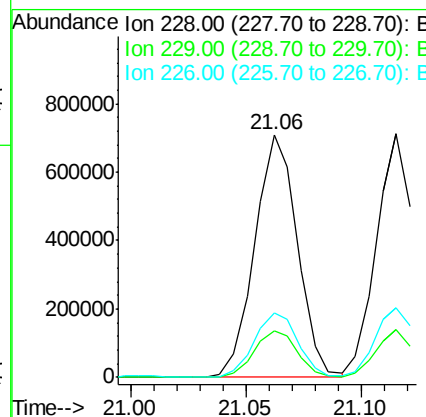
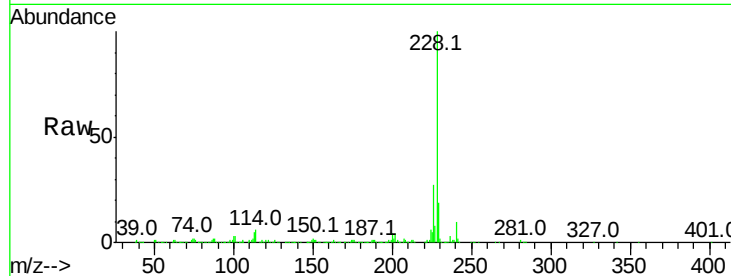
#80
Benzo(a)anthracene
Concen: 20.46 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.4	23.0
226	26.7	21.4	32.0

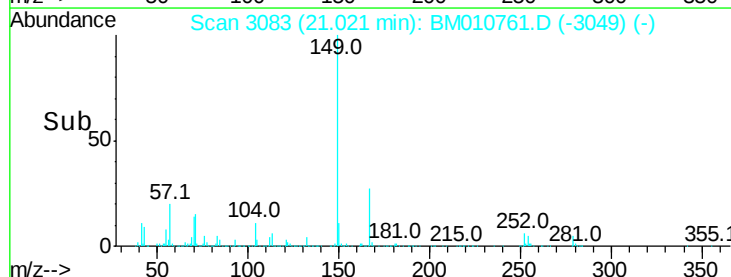
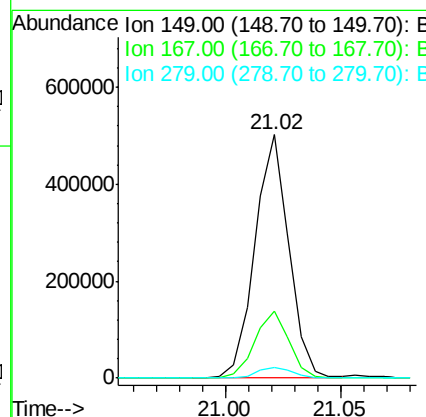
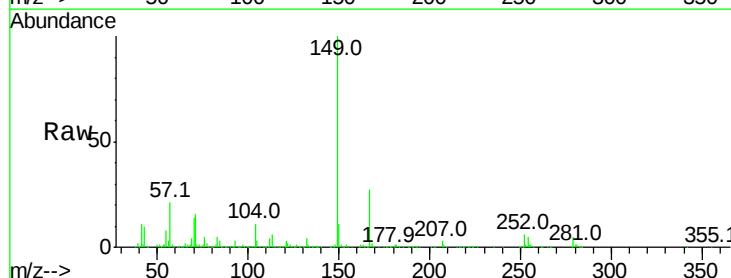
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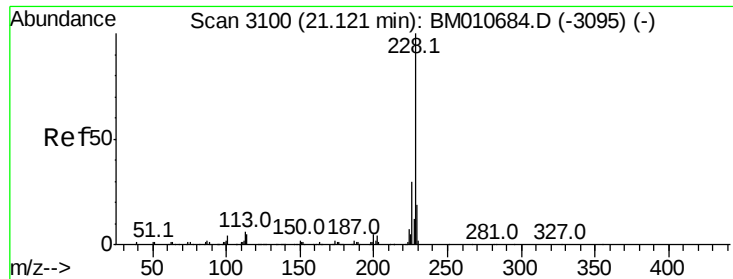
mohammad
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#81
Bis(2-ethylhexyl)phthalate
Concen: 20.34 ng/ul
RT: 21.02 min Scan# 3083
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.8	34.2
279	4.6	4.9	7.3#





#82

Chrysene

Concen: 20.23 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Instrument :

BNA_M

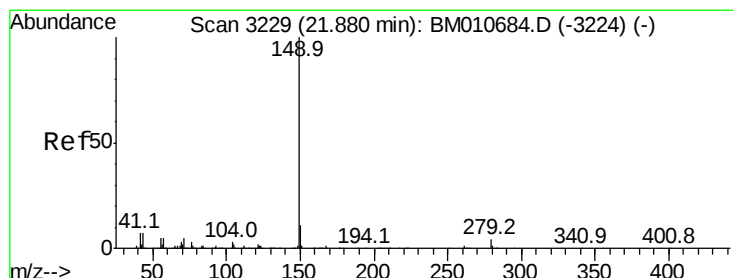
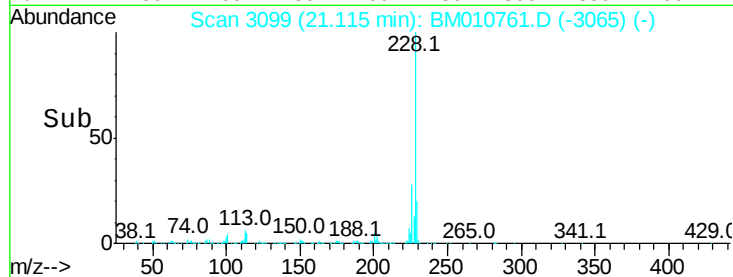
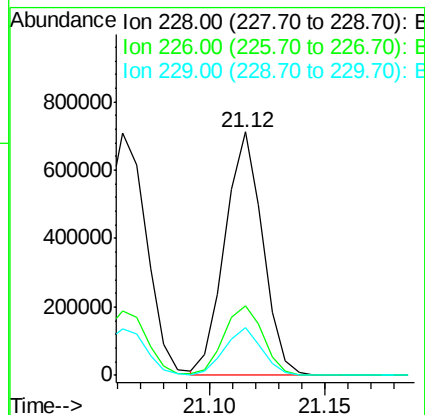
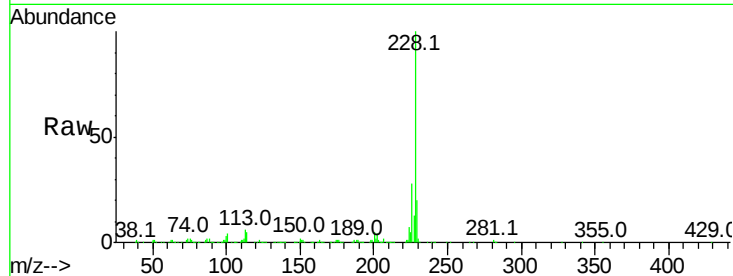
ClientSampleId :

SSTD02002

Tot Ion:	228	Resp:	805732
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.4	35.2
229	19.7	15.5	23.3

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#84

Di-n-octyl phthalate

Concen: 21.76 ng/ul

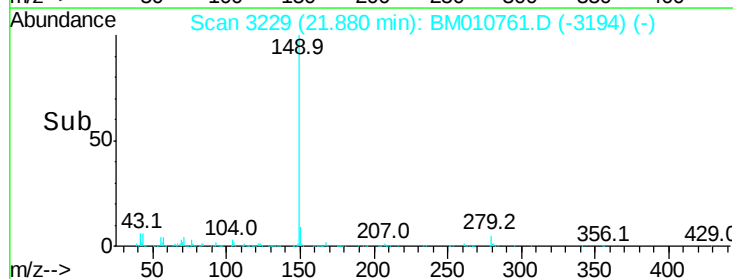
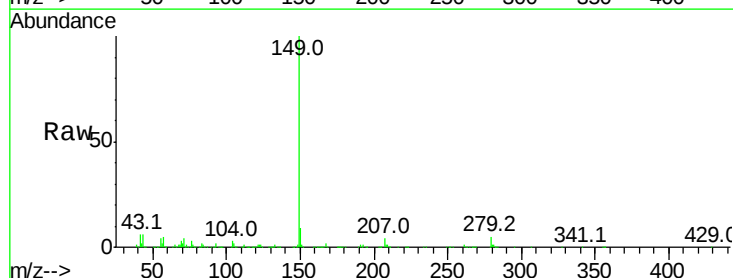
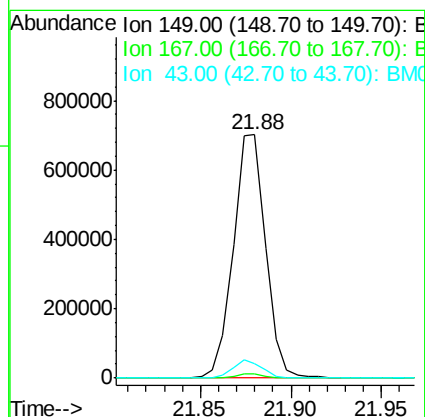
RT: 21.88 min Scan# 3229

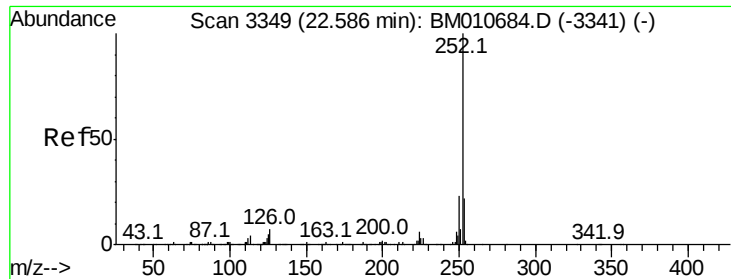
Delta R.T. 0.01 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Tgt Ion:	149	Resp:	867000
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	6.2	7.3	10.9#





#85

Benzo(b)fluoranthene

Concen: 21.04 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Instrument :

BNA_M

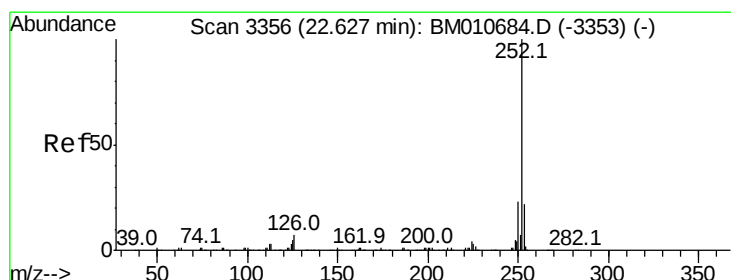
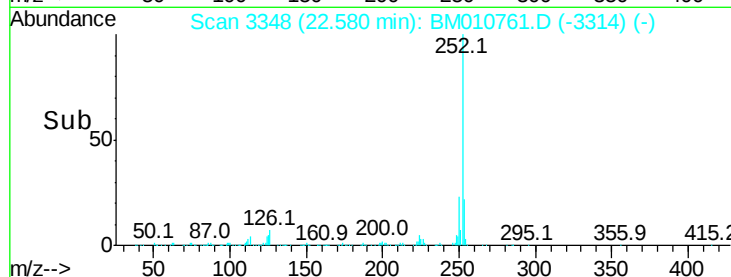
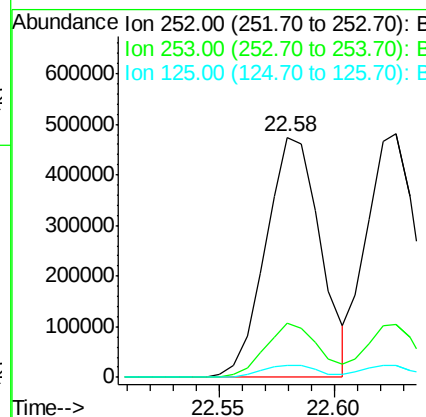
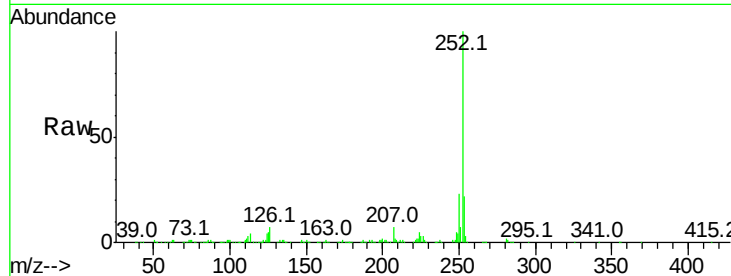
ClientSampleId :

SSTD02002

Tot Ion:	252	Resp:	778970
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.9	26.9
125	5.1	3.6	5.4

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#86

Benzo(k)fluoranthene

Concen: 20.55 ng/ul

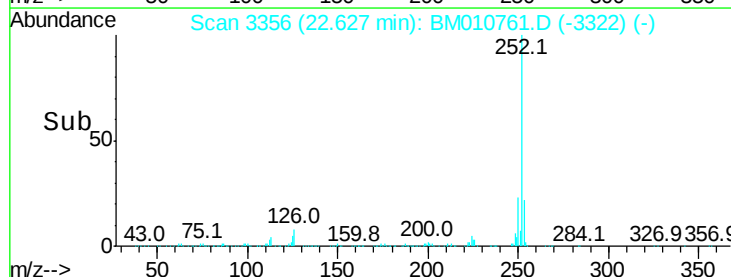
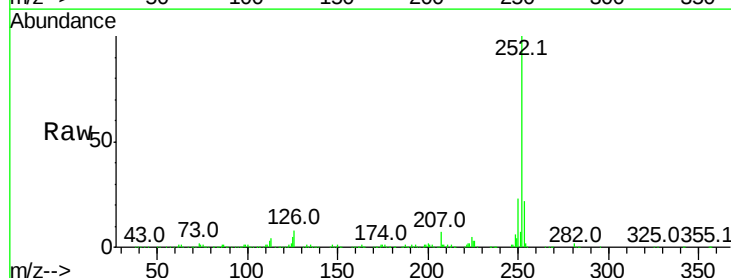
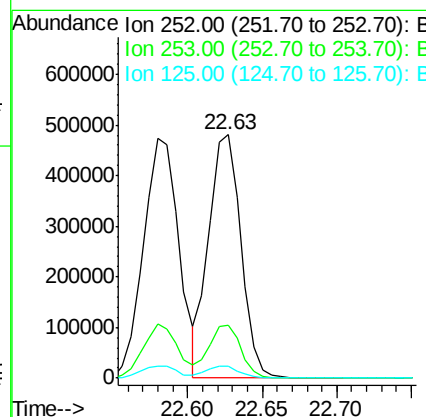
RT: 22.63 min Scan# 3356

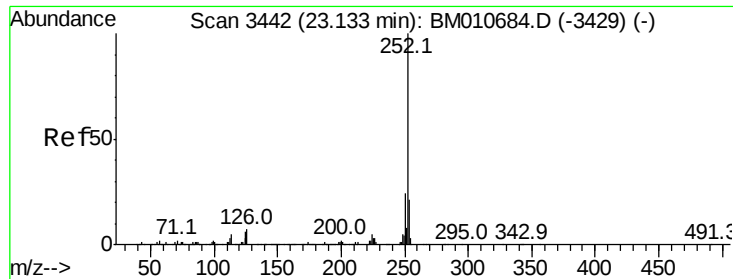
Delta R.T. 0.00 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Tgt Ion:	252	Resp:	721303
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.1	25.7
125	5.1	3.4	5.2





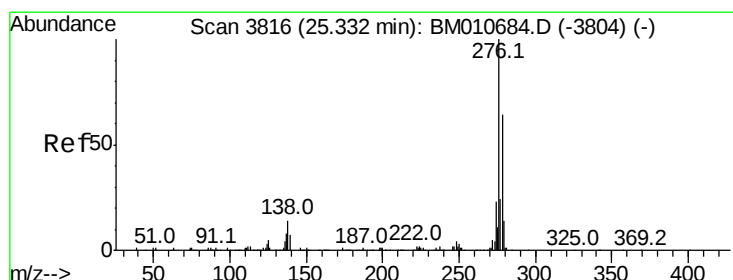
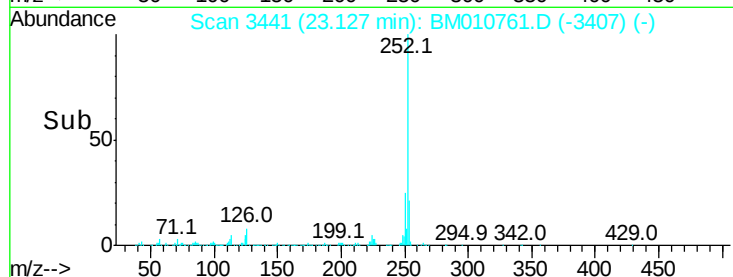
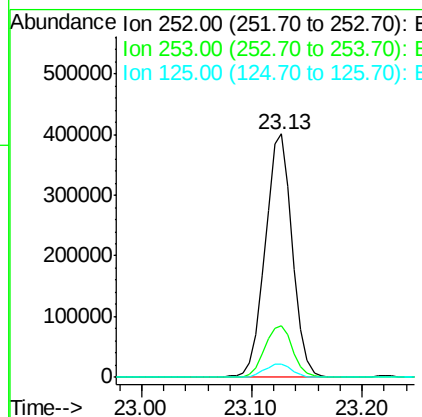
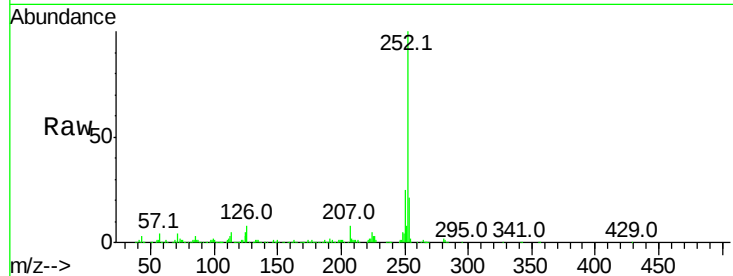
#88
Benzo(a)pyrene
Concen: 20.19 ng/ul
RT: 23.13 min Scan# 3441
Delta R.T. 0.00 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Instrument :
BNA_M
ClientSampleId :
SSTD02002

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	5.3	4.0	6.0

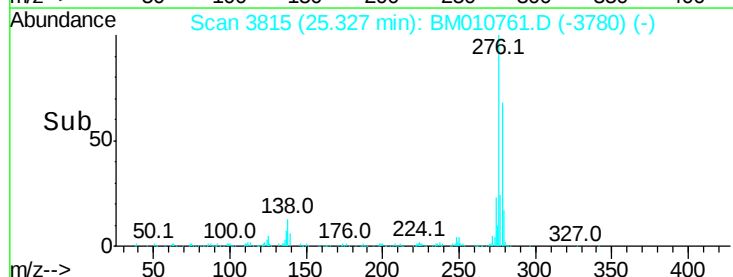
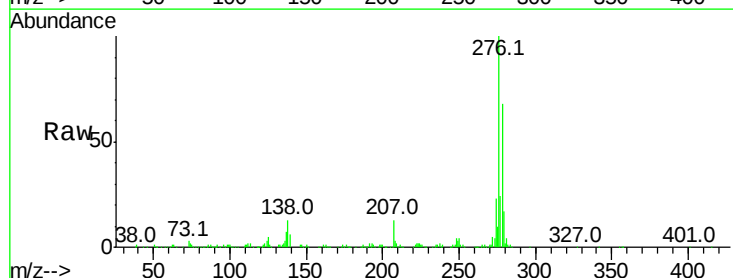
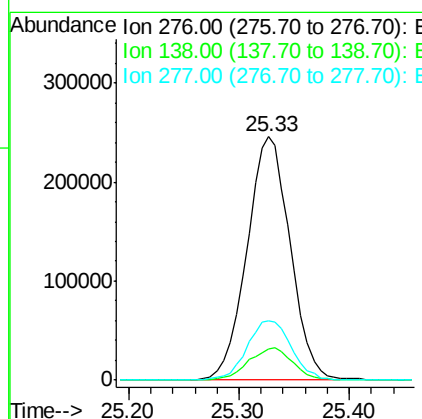
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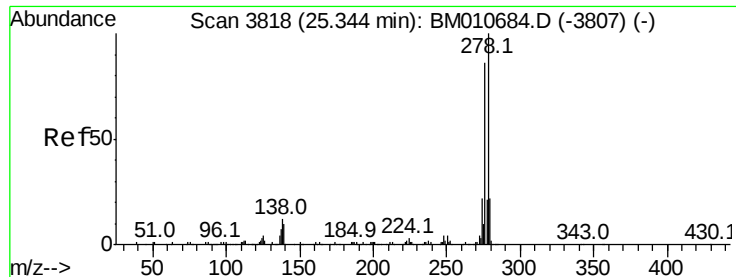
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#89
Indeno(1,2,3-cd)pyrene
Concen: 19.08 ng/ul
RT: 25.33 min Scan# 3815
Delta R.T. 0.01 min
Lab File: BM010761.D
Acq: 27 Jun 2017 00:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.6	9.3	13.9
277	24.3	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 19.16 ng/ul

RT: 25.34 min Scan# 3818

Delta R.T. 0.01 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Instrument :

BNA_M

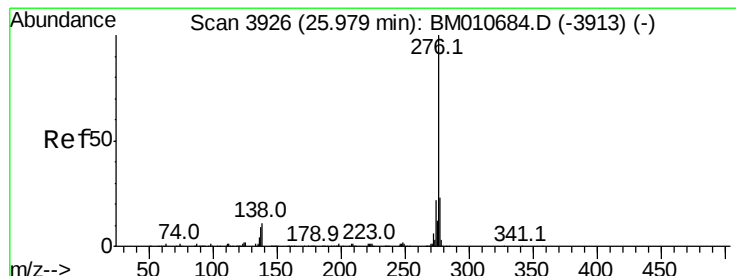
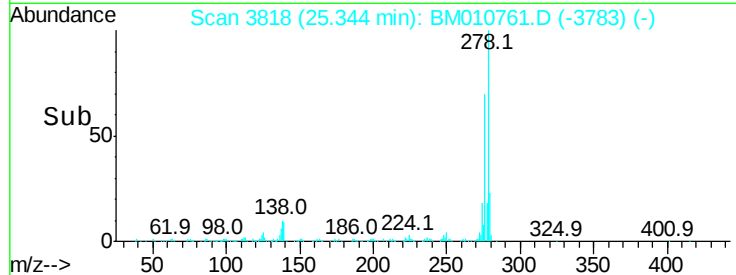
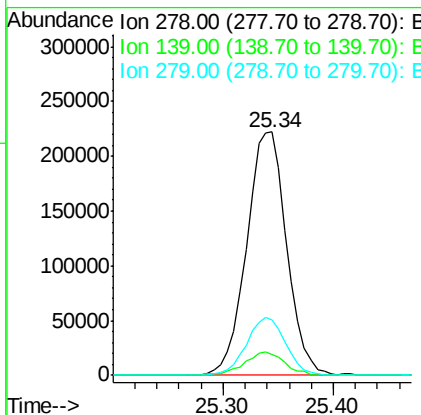
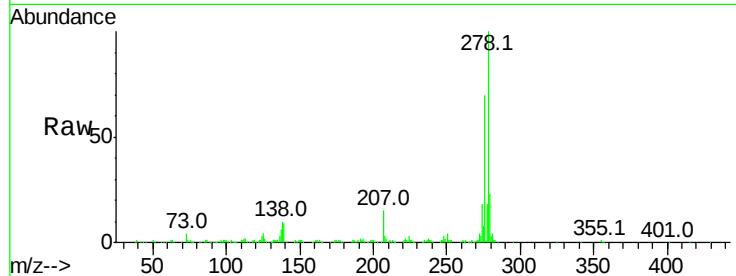
ClientSampleId :

SSTD02002

Tot Ion:	278	Resp:	564297
Ion Ratio	Lower	Upper	
278	100		
139	8.5	5.8	8.8
279	22.8	18.6	27.8

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#91

Benzo(g,h,i)perylene

Concen: 19.58 ng/ul

RT: 25.97 min Scan# 3925

Delta R.T. 0.01 min

Lab File: BM010761.D

Acq: 27 Jun 2017 00:39

Tgt Ion:	276	Resp:	550949
Ion Ratio	Lower	Upper	
276	100		
138	12.2	8.5	12.7
277	21.9	18.6	28.0

