

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062617\
 Data File : BM010765.D
 Acq On : 27 Jun 2017 03:02
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02003

Manual Integrations
 APPROVED

mohammad
 6/28/2017 7:54:47 AM

Quant Time: Jun 27 03:34:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 02:29:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	74452	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	349618	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	256204	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	678958	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	772845	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	558085	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	10835	8.34	ng/uL	0.00
5) Phenol-d5	6.65	99	129751	18.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	74819	18.48	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	99434	19.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	113007	19.22	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	50328	20.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	60074	20.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	126115	20.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	146527	22.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	432727	19.24	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	511502	19.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	74751	18.89	ng/ul	0.00
57) Fluorene-d10	15.11	176	392203	20.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	82947	19.89	ng/ul	0.00
70) Anthracene-d10	16.96	188	647781	19.76	ng/ul	0.00
76) Pyrene-d10	19.27	212	757409	21.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	552879	20.50	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.10	88	11397	7.85 ng/uL#	27
4) Benzaldehyde	6.62	77	95687	22.92 ng/ul	96
6) Phenol	6.67	94	133246	18.24 ng/ul	97
8) Bis(2-Chloroethyl)ether	6.90	93	94991	17.86 ng/ul	95
10) 2-Chlorophenol	7.03	128	97069	19.52 ng/ul	97
11) 2-Methylphenol	7.90	108	105199	18.89 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.00	45	59562	16.04 ng/ul#	81
14) Acetophenone	8.27	105	182890	19.05 ng/ul	92
15) N-Nitroso-di-n-propylamine	8.26	70	98558	19.05 ng/ul	91
16) 4-Methylphenol	8.23	108	117676	19.21 ng/ul	94
17) Hexachloroethane	8.52	117	46963	21.24 ng/ul	89
20) Nitrobenzene	8.65	77	153464	21.09 ng/ul	97
21) Isophorone	9.16	82	266279	18.41 ng/ul	99
23) 2-Nitrophenol	9.35	139	63334	20.78 ng/ul	94
24) 2,4-Dimethylphenol	9.42	107	155307	20.03 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.65	93	147575	18.40 ng/ul	95
27) 2,4-Dichlorophenol	9.87	162	124765	21.19 ng/ul#	91
28) Naphthalene	10.27	128	343485	19.74 ng/ul	98
30) 4-Chloroaniline	10.39	127	144738	22.58 ng/ul	98
31) Hexachlorobutadiene	10.56	225	97076	21.86 ng/ul#	88
32) Caprolactam	11.15	113	39270m	19.00 ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	151165	20.13 ng/ul	92
34) 2-Methylnaphthalene	11.89	142	280241	20.04 ng/ul	100

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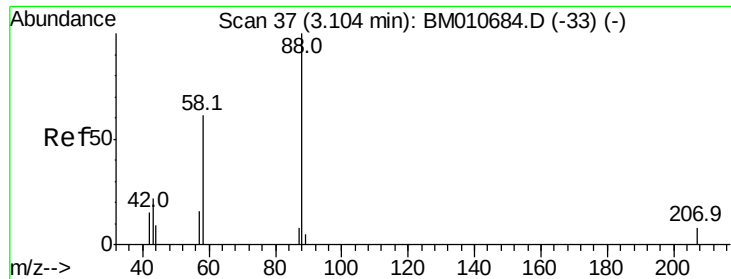
Manual Integrations
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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.27	216	184478	20.40	ng/ul#	95
37) Hexachlorocyclopentadiene	12.25	237	91359	17.58	ng/ul	99
38) 2,4,6-Trichlorophenol	12.52	196	125929	20.39	ng/ul	96
39) 2,4,5-Trichlorophenol	12.59	196	131480	20.62	ng/ul	96
40) 1,1'-Biphenyl	12.93	154	397383	19.84	ng/ul	97
41) 2-Chloronaphthalene	12.97	162	309543	19.64	ng/ul	96
42) 2-Nitroaniline	13.18	65	104414	22.65	ng/ul	94
44) Dimethylphthalate	13.58	163	419805	19.04	ng/ul	99
45) 2,6-Dinitrotoluene	13.69	165	85526	22.40	ng/ul#	82
47) Acenaphthylene	13.82	152	480898	19.30	ng/ul	99
48) 3-Nitroaniline	14.02	138	82804	21.50	ng/ul	99
49) Acenaphthene	14.17	153	318461	18.95	ng/ul	96
50) 2,4-Dinitrophenol	14.23	184	58061	20.99	ng/ul#	81
52) 4-Nitrophenol	14.34	109	119261	23.75	ng/ul#	78
53) Dibenzofuran	14.51	168	503287	19.77	ng/ul	92
54) 2,4-Dinitrotoluene	14.49	165	126927	21.42	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.74	232	130716	20.26	ng/ul#	92
56) Diethylphthalate	14.96	149	445625	19.21	ng/ul	93
58) Fluorene	15.16	166	420617	19.74	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.17	204	232004	20.03	ng/ul	93
60) 4-Nitroaniline	15.19	138	85921	18.89	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.25	198	86812	19.54	ng/ul#	94
64) N-Nitrosodiphenylamine	15.39	169	360625	19.15	ng/ul	98
65) 4-Bromophenyl-phenylether	16.06	248	153798	19.78	ng/ul#	87
66) Hexachlorobenzene	16.17	284	160400	19.59	ng/ul#	79
67) Atrazine	16.35	200	163498	20.61	ng/ul	96
68) Pentachlorophenol	16.52	266	108428	18.78	ng/ul	98
69) Phenanthrene	16.90	178	708555	19.63	ng/ul	99
71) Anthracene	17.00	178	725998	19.52	ng/ul	99
72) Carbazole	17.27	167	622589	19.19	ng/ul	98
73) Di-n-butylphthalate	17.86	149	772926	18.74	ng/ul	99
74) Fluoranthene	18.93	202	919451	19.77	ng/ul#	97
77) Pyrene	19.30	202	939601	21.05	ng/ul	99
78) Butylbenzylphthalate	20.23	149	360164	21.46	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.00	252	299621	19.38	ng/ul#	94
80) Benzo(a)anthracene	21.06	228	905553	20.12	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.02	149	529213	20.67	ng/ul#	96
82) Chrysene	21.12	228	806483	20.10	ng/ul	100
84) Di-n-octyl phthalate	21.87	149	872362	22.37	ng/ul#	95
85) Benzo(b)fluoranthene	22.58	252	783634	21.63	ng/ul	98
86) Benzo(k)fluoranthene	22.62	252	705673	20.55	ng/ul	98
88) Benzo(a)pyrene	23.12	252	680582	20.41	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.32	276	657542	19.01	ng/ul	99
90) Dibenzo(a,h)anthracene	25.34	278	549956	19.08	ng/ul	99
91) Benzo(g,h,i)perylene	25.97	276	546157	19.83	ng/ul	98

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



#2

1,4-Dioxane

Concen: 7.85 ng/uL

RT: 3.10 min Scan# 37

Delta R.T. 0.01 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

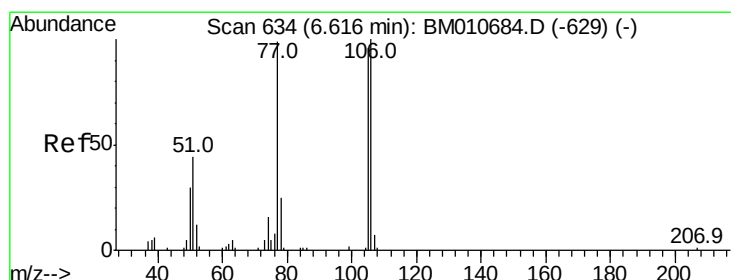
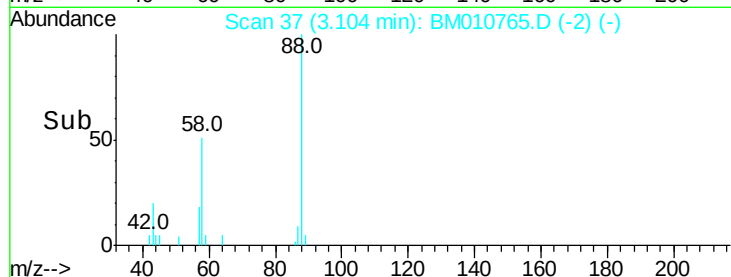
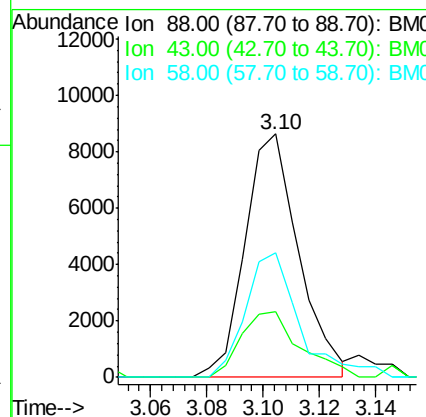
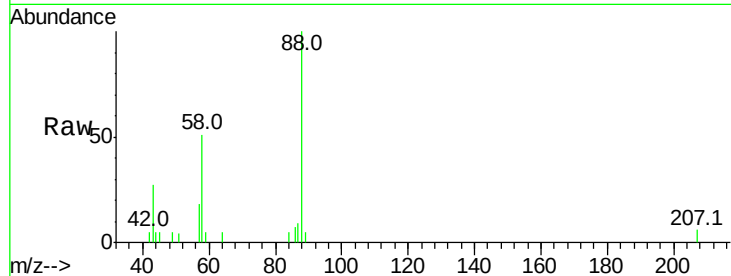
ClientSampled :

SSTD02003

Tot Ion:	88	Resp:	11397
Ion Ratio	Lower	Upper	
88	100		
43	29.8	1.1	1.7#
58	51.5	0.0	0.0#

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#4

Benzaldehyde

Concen: 22.92 ng/uL

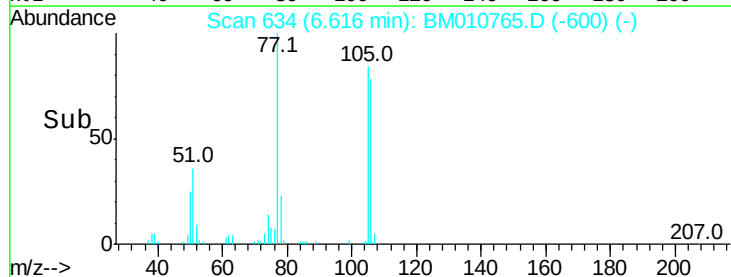
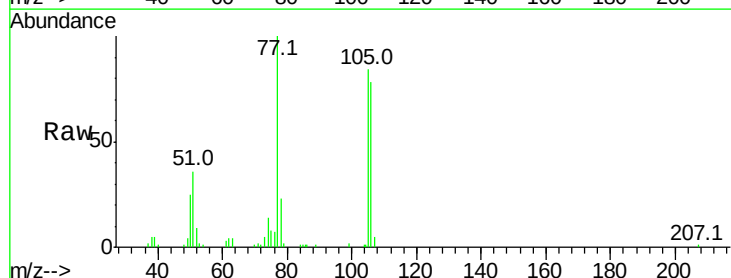
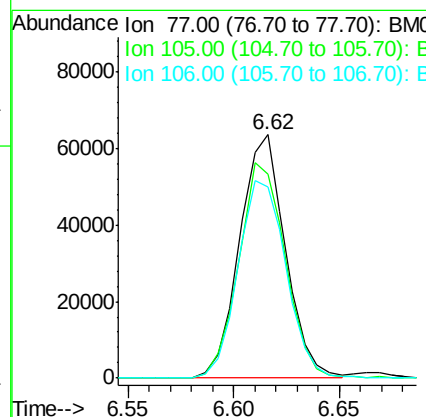
RT: 6.62 min Scan# 634

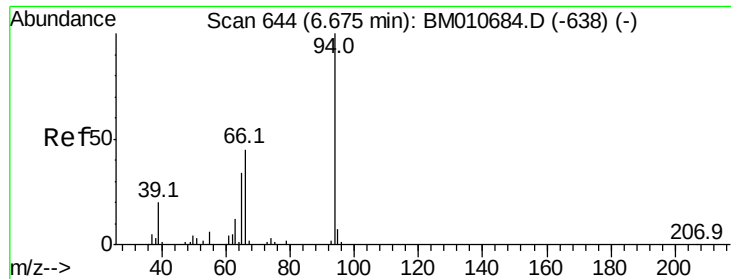
Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Tgt Ion:	77	Resp:	95687
Ion Ratio	Lower	Upper	
77	100		
105	83.9	66.1	99.1
106	78.3	67.8	101.6





#6

Phenol

Concen: 18.24 ng/ul

RT: 6.67 min Scan# 643

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

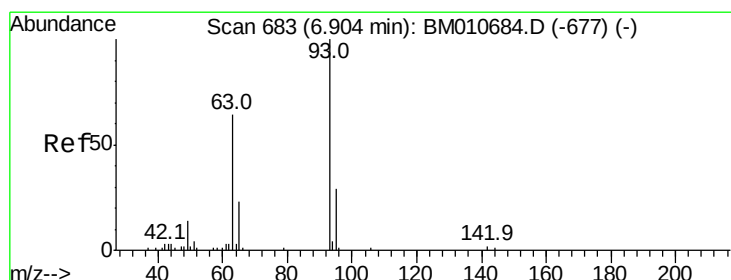
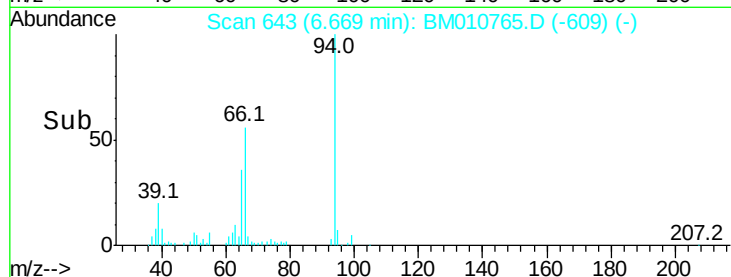
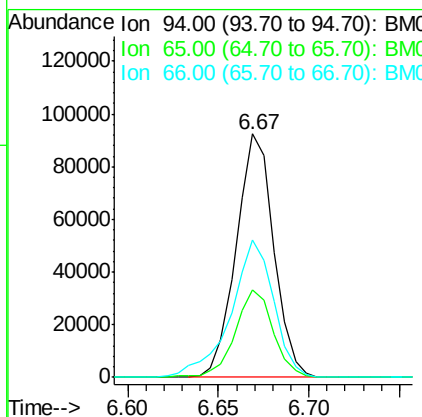
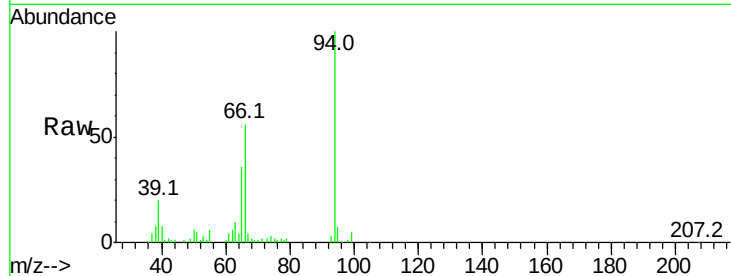
ClientSampleId :

SSTD02003

Tot Ion:	94	Resp:	133246
Ion	Ratio	Lower	Upper
94	100		
65	35.9	28.2	42.4
66	56.4	47.2	70.8

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#8

Bis(2-Chloroethyl)ether

Concen: 17.86 ng/ul

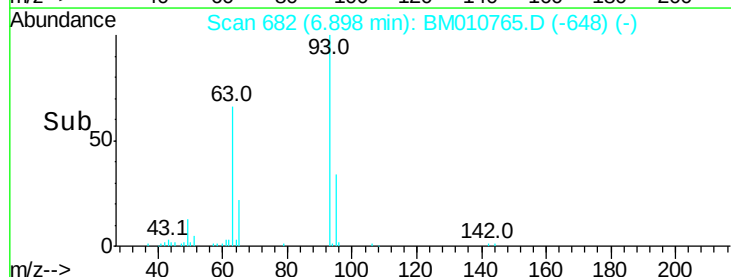
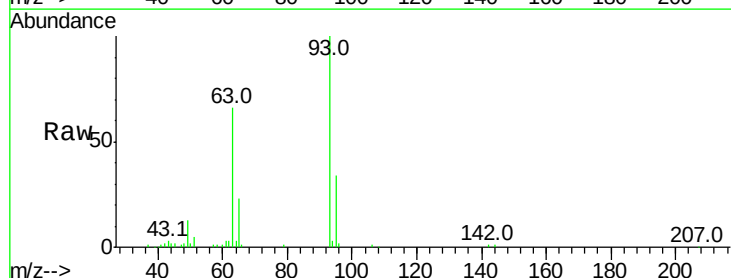
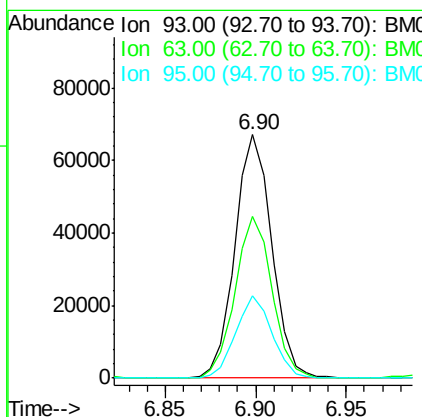
RT: 6.90 min Scan# 682

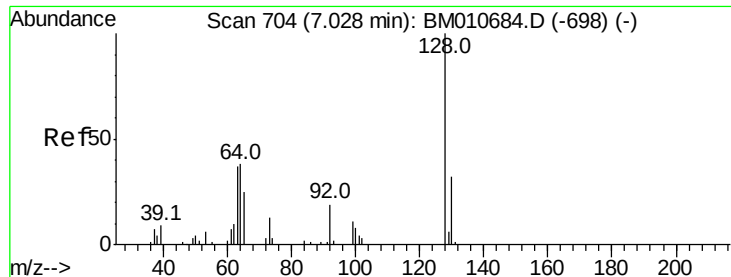
Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Tgt Ion:	93	Resp:	94991
Ion	Ratio	Lower	Upper
93	100		
63	66.4	57.3	85.9
95	33.9	26.6	39.8





#10

2-Chlorophenol

Concen: 19.52 ng/ul

RT: 7.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

ClientSampleId :

SSTD02003

Tot Ion:128 Resp: 97069

Ion Ratio Lower Upper

128 100

64 49.5 38.0 57.0

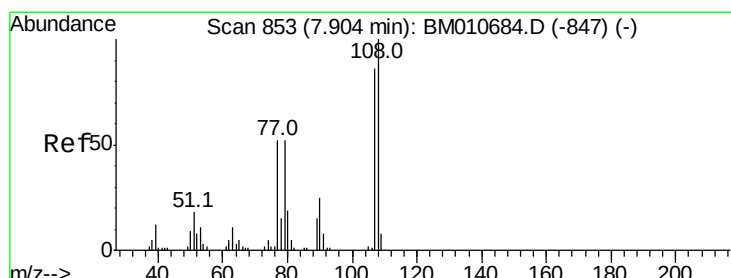
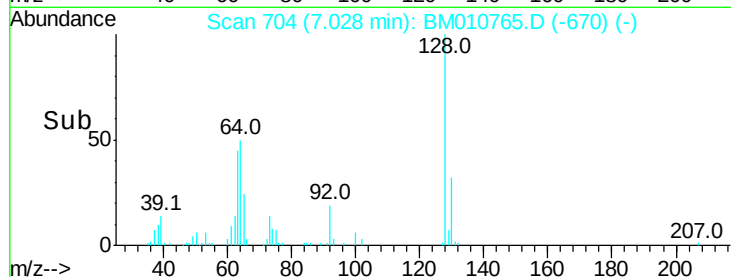
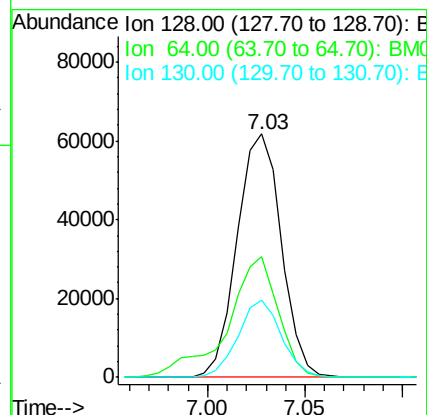
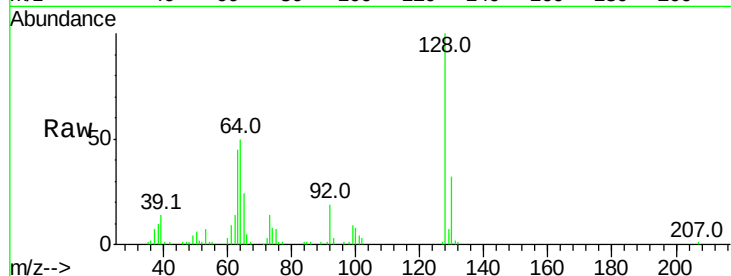
130 31.7 24.4 36.6

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#11

2-Methylphenol

Concen: 18.89 ng/ul

RT: 7.90 min Scan# 852

Delta R.T. -0.00 min

Lab File: BM010765.D

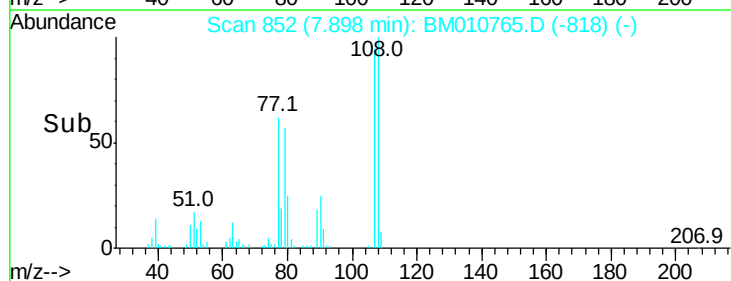
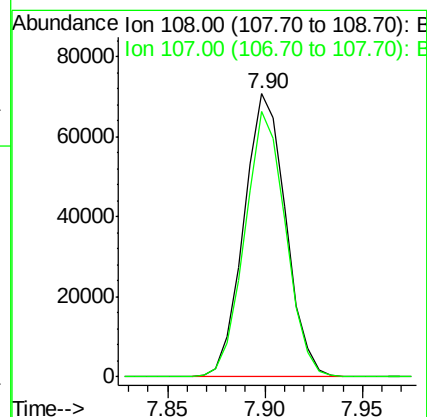
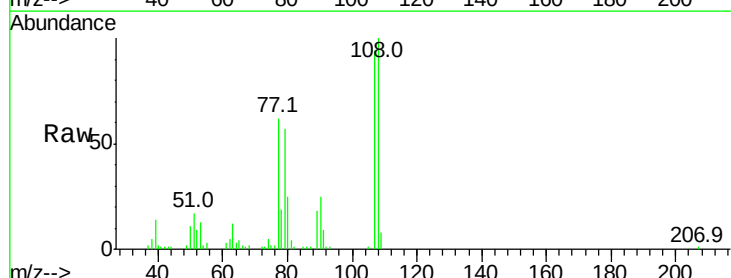
Acq: 27 Jun 2017 03:02

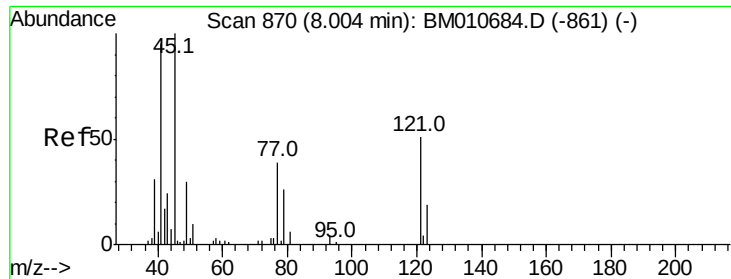
Tgt Ion:108 Resp: 105199

Ion Ratio Lower Upper

108 100

107 93.6 72.6 108.8





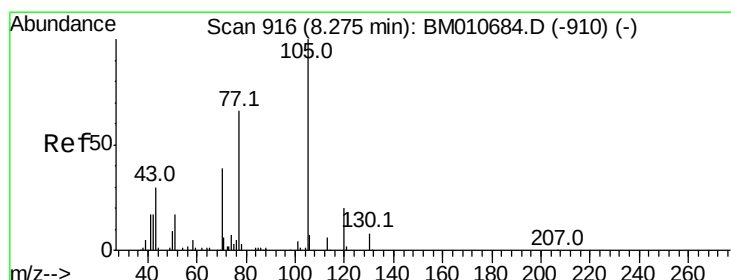
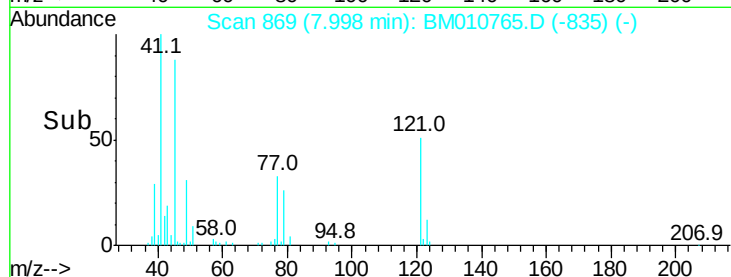
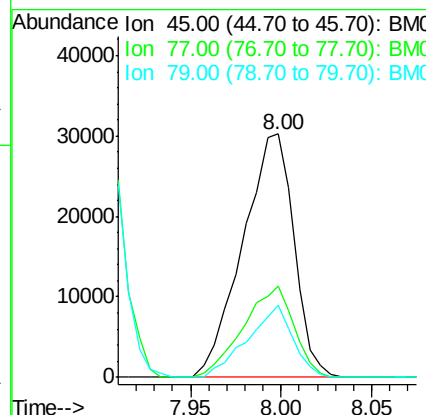
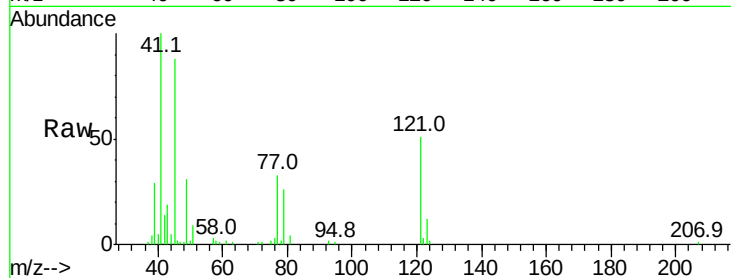
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 16.04 ng/ul
RT: 8.00 min Scan# 869
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Instrument :
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Tot Ion	Ratio	Lower	Upper
45	100		
77	37.7	21.8	32.6#
79	29.8	17.6	26.4#

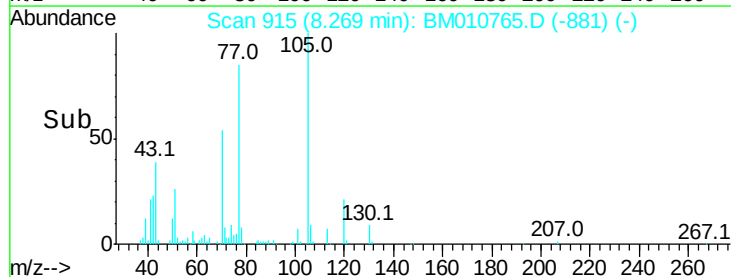
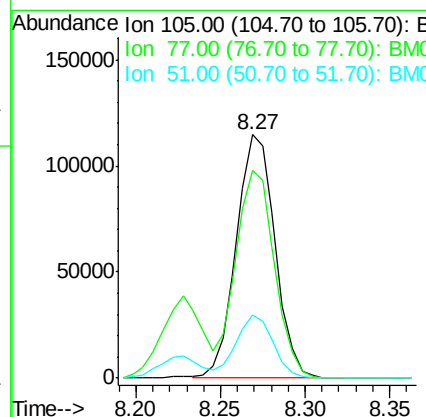
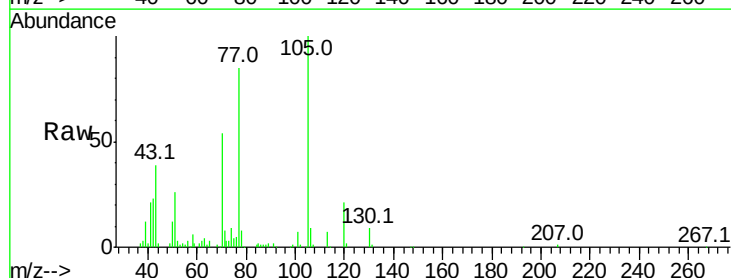
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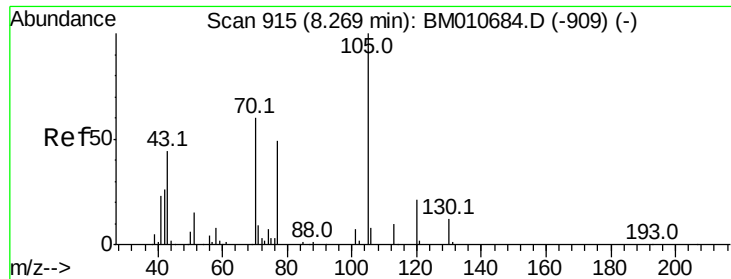
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#14
Acetophenone
Concen: 19.05 ng/ul
RT: 8.27 min Scan# 915
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Tgt Ion	Ratio	Lower	Upper
105	100		
77	85.3	74.2	111.4
51	25.7	23.4	35.2





#15

N-Nitroso-di-n-propylamine

Concen: 19.05 ng/ul

RT: 8.26 min Scan# 914

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

ClientSampleId :

SSTD02003

Tot Ion: 70 Resp: 98558

Ion Ratio Lower Upper

70 100

42 42.6 41.1 61.7

101 9.0 6.7 10.1

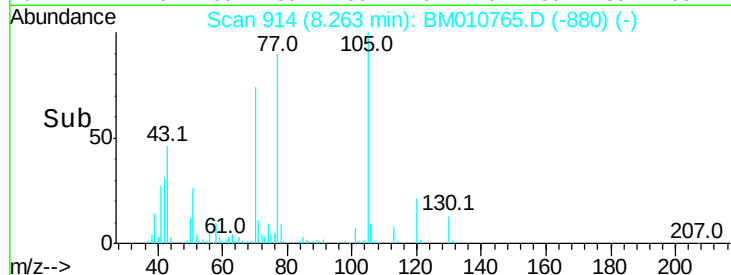
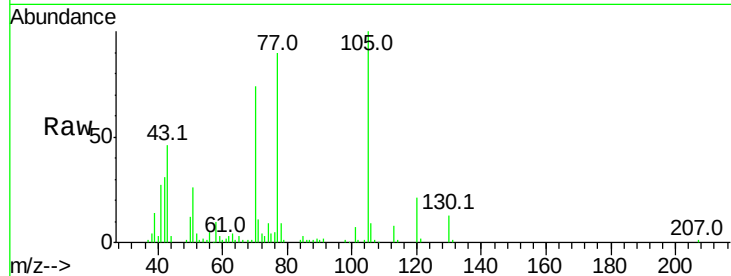
130 18.1 14.6 22.0

Manual Integrations

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Abundance Ion 70.00 (69.70 to 70.70): BM010765.D (-880) (-)

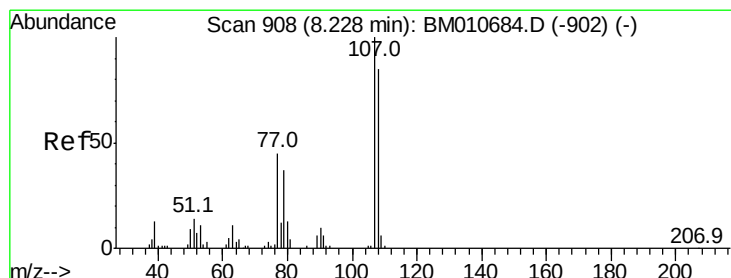
Ion 42.00 (41.70 to 42.70): BM010765.D (-880) (-)

Ion 101.00 (100.70 to 101.70): BM010765.D (-880) (-)

Ion 130.00 (129.70 to 130.70): BM010765.D (-880) (-)

Time-->

8.20 8.25 8.30



#16

4-Methylphenol

Concen: 19.21 ng/ul

RT: 8.23 min Scan# 908

Delta R.T. -0.00 min

Lab File: BM010765.D

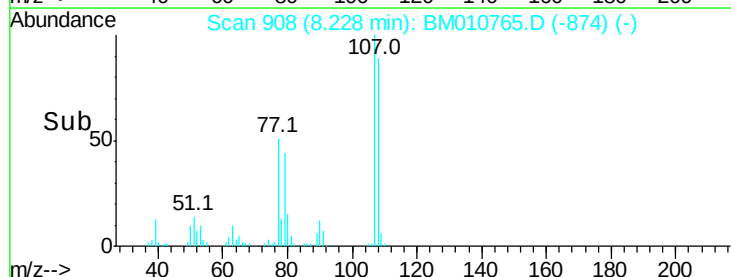
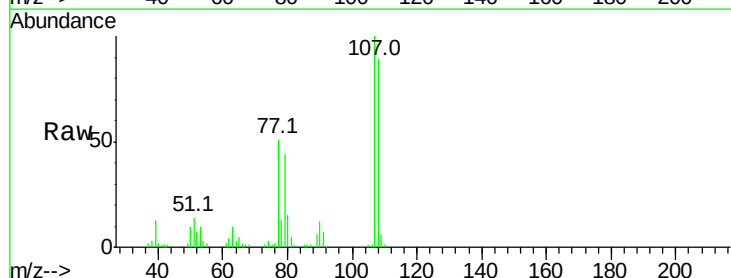
Acq: 27 Jun 2017 03:02

Tgt Ion:108 Resp: 117676

Ion Ratio Lower Upper

108 100

107 112.7 84.9 127.3

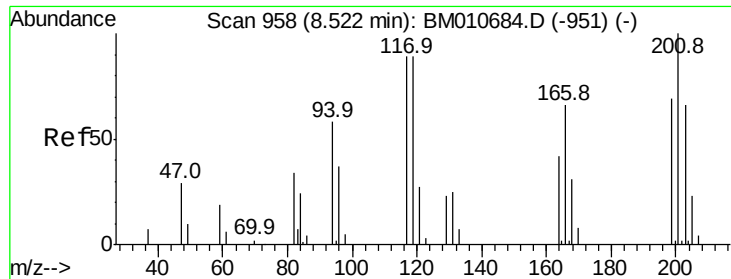


Abundance Ion 108.00 (107.70 to 108.70): BM010765.D (-874) (-)

Ion 107.00 (106.70 to 107.70): BM010765.D (-874) (-)

Time-->

8.15 8.20 8.25



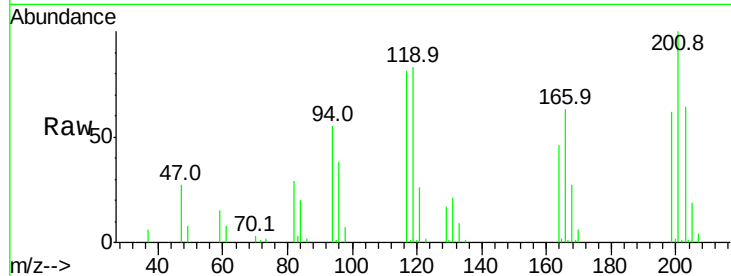
#17
Hexachloroethane
Concen: 21.24 ng/ul
RT: 8.52 min Scan# 957
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Instrument :
BNA_M
ClientSampleId :
SSTD02003

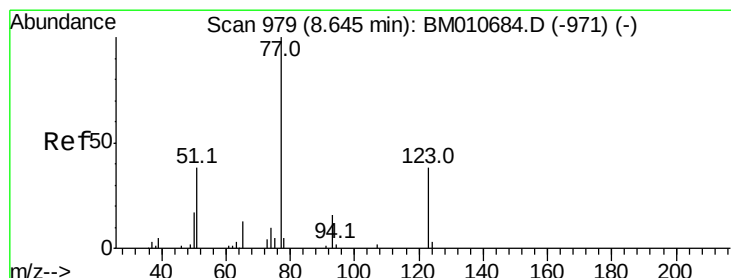
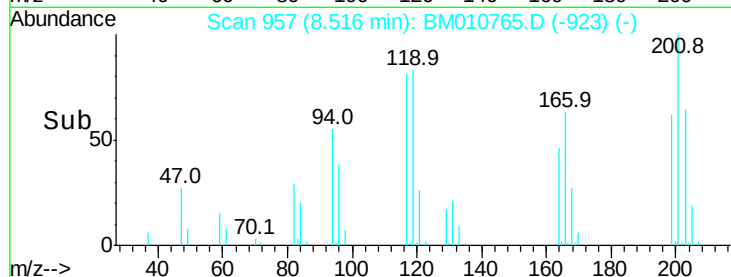
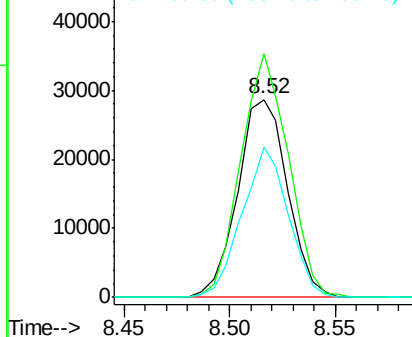
Tot Ion	Ratio	Lower	Upper
117	100		
201	123.1	111.6	167.4
199	77.8	67.8	101.6

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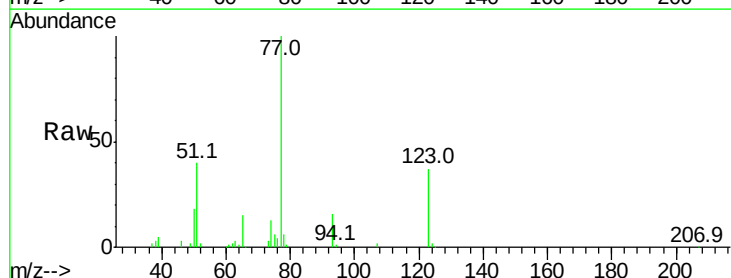


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

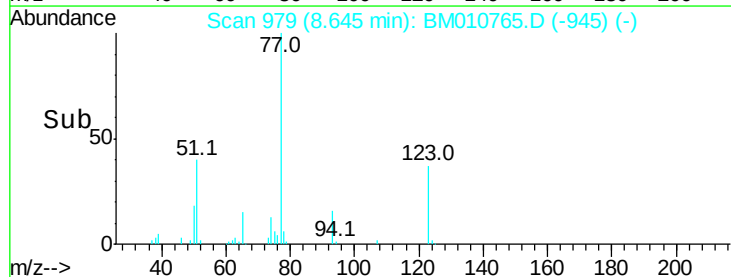
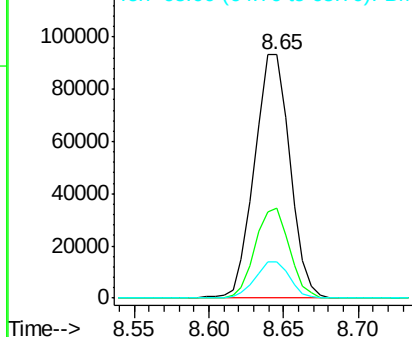


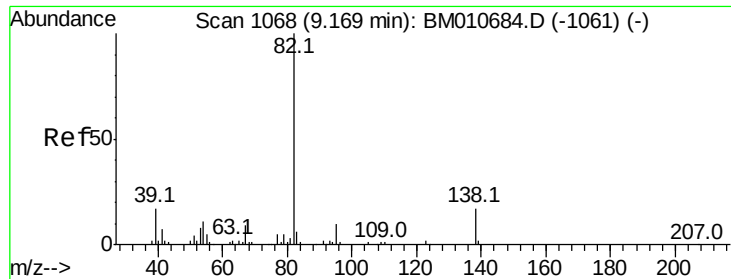
#20
Nitrobenzene
Concen: 21.09 ng/ul
RT: 8.65 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.9	31.0	46.6
65	14.8	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: 18.41 ng/ul

RT: 9.16 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

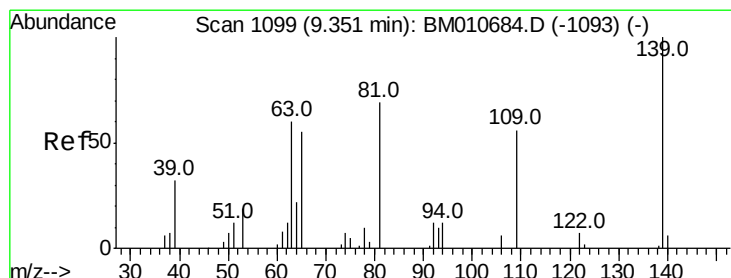
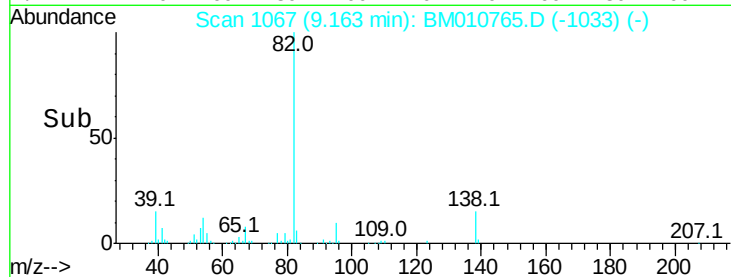
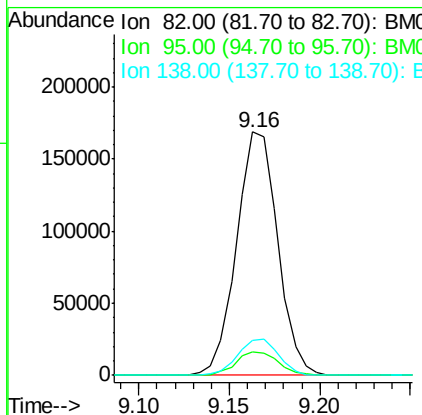
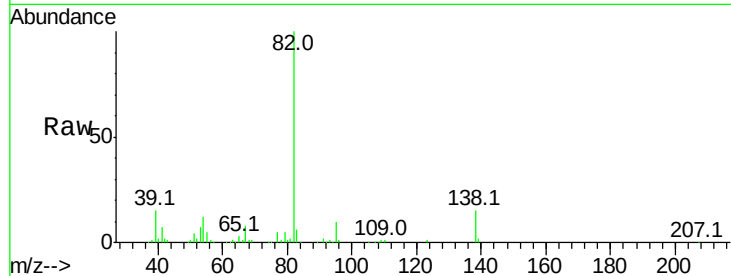
ClientSampleId :

SSTD02003

Tot Ion:	82	Resp:	266279
Ion Ratio	Lower	Upper	
82	100		
95	9.9	7.8	11.8
138	14.6	11.9	17.9

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#23

2-Nitrophenol

Concen: 20.78 ng/ul

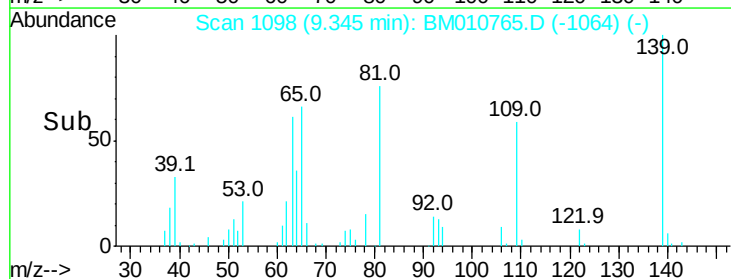
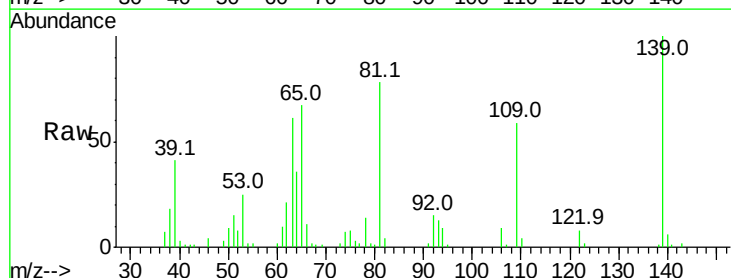
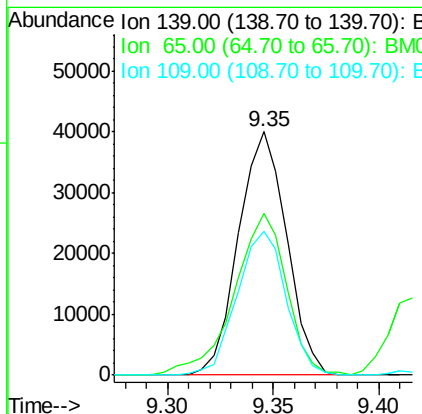
RT: 9.35 min Scan# 1098

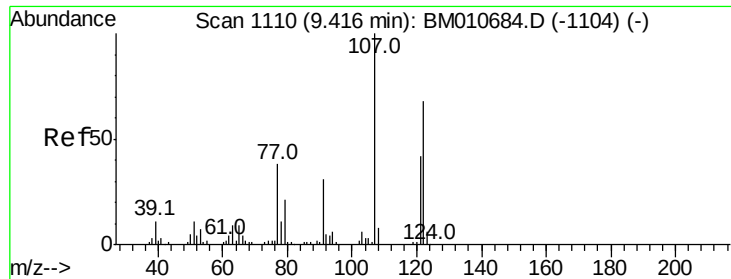
Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Tgt Ion:	139	Resp:	63334
Ion Ratio	Lower	Upper	
139	100		
65	66.5	55.4	83.0
109	58.9	42.2	63.2





#24

2,4-Dimethylphenol

Concen: 20.03 ng/ul

RT: 9.42 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

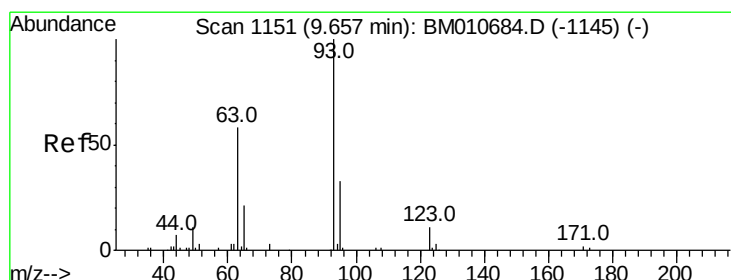
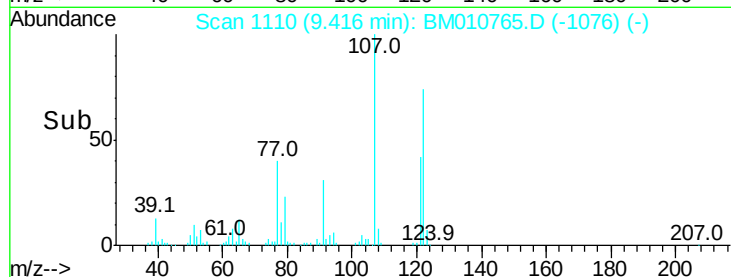
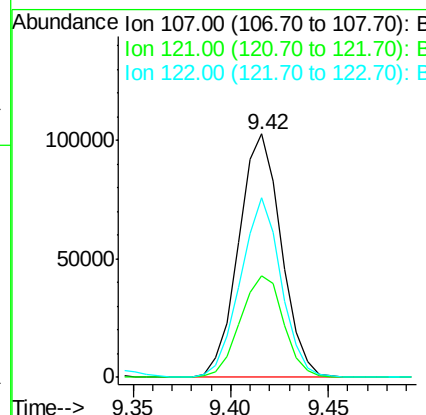
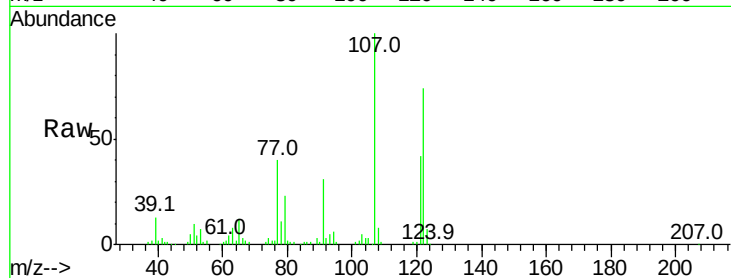
ClientSampleId :

SSTD02003

Tot Ion:	107	Resp:	155307
Ion Ratio	Lower	Upper	
107	100		
121	41.6	31.9	47.9
122	73.9	57.8	86.6

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#25

Bis(2-Chloroethoxy)methane

Concen: 18.40 ng/ul

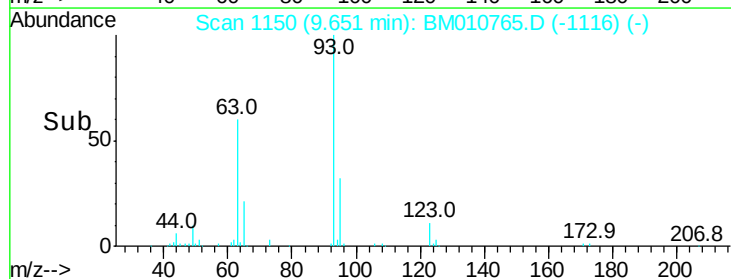
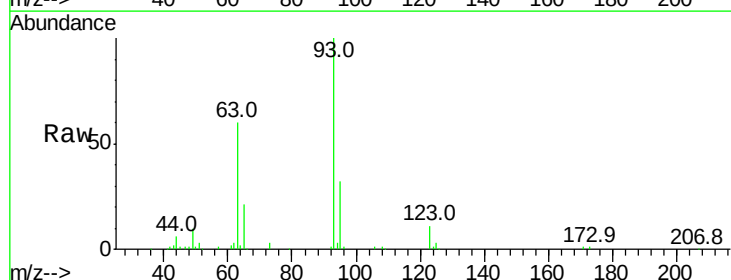
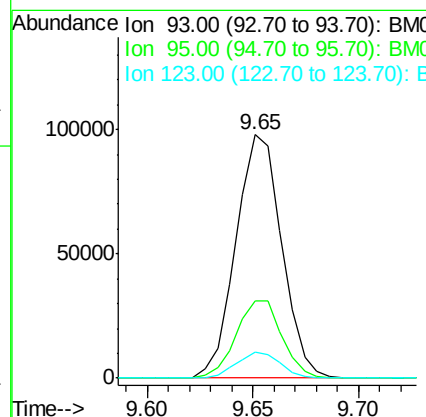
RT: 9.65 min Scan# 1150

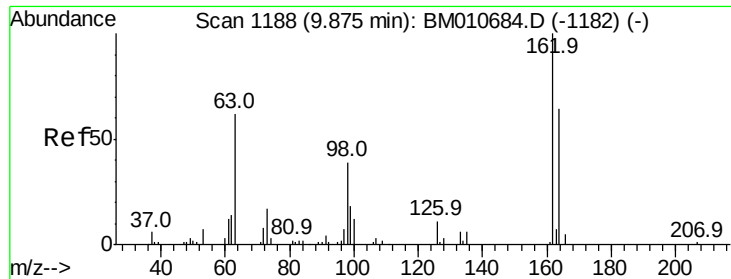
Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Tgt Ion:	93	Resp:	147575
Ion Ratio	Lower	Upper	
93	100		
95	31.9	28.5	42.7
123	10.9	8.9	13.3





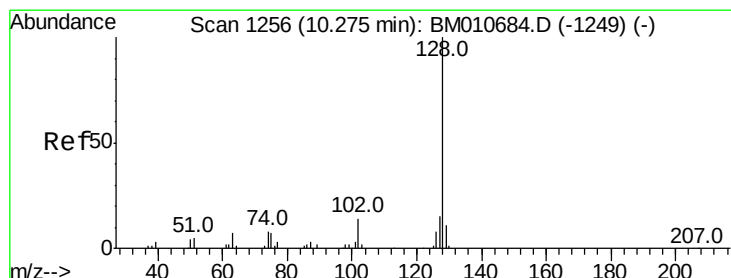
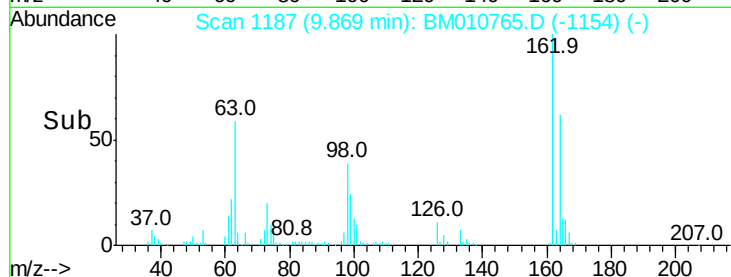
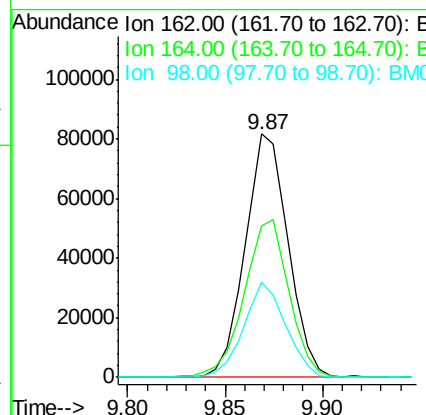
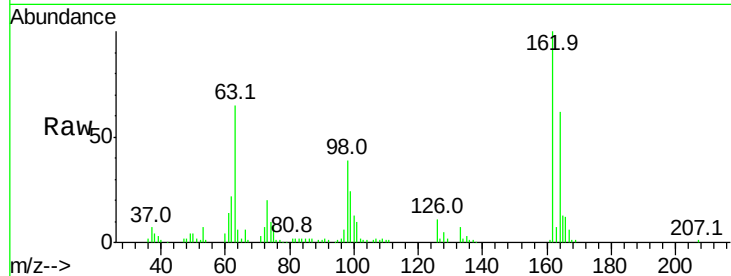
#27
2,4-Dichlorophenol
Concen: 21.19 ng/ul
RT: 9.87 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Instrument :
BNA_M
ClientSampleId :
SSTD02003

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	47.8	71.6
98	38.9	23.0	34.4

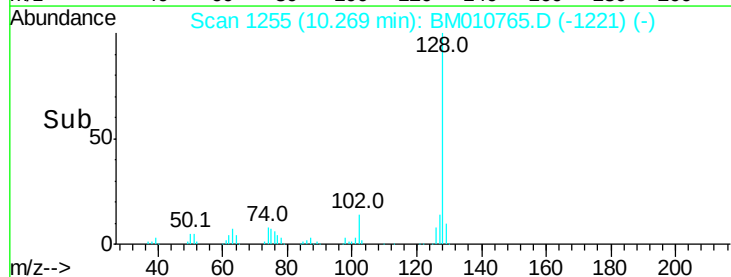
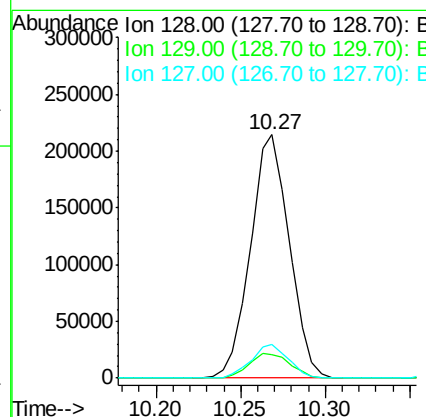
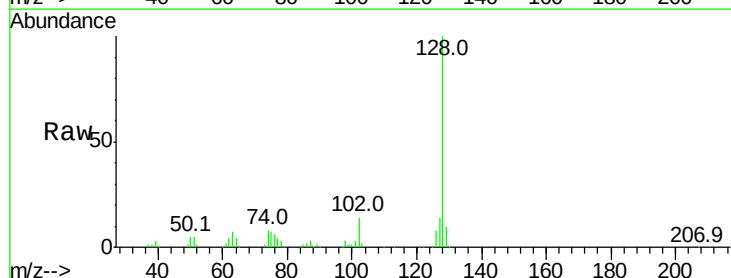
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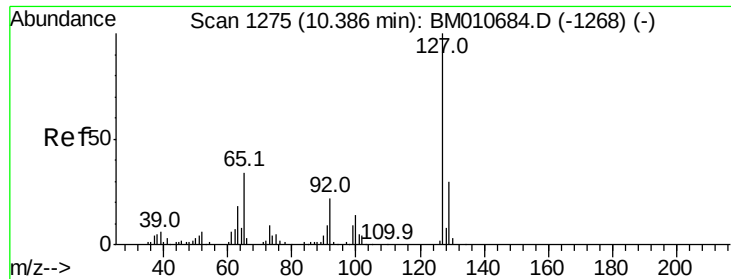
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#28
Naphthalene
Concen: 19.74 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.5	8.8	13.2
127	13.7	10.6	16.0





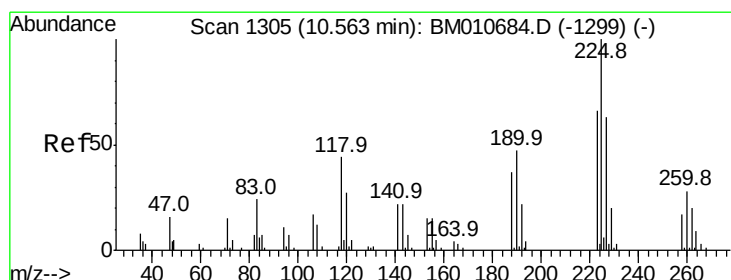
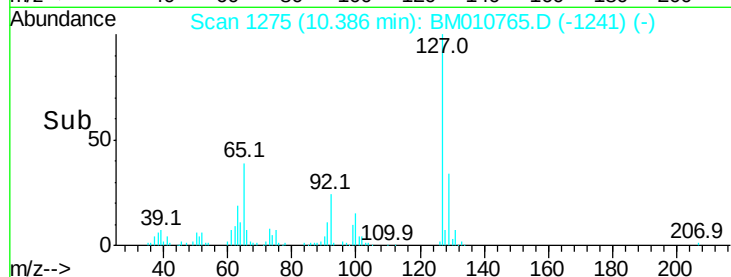
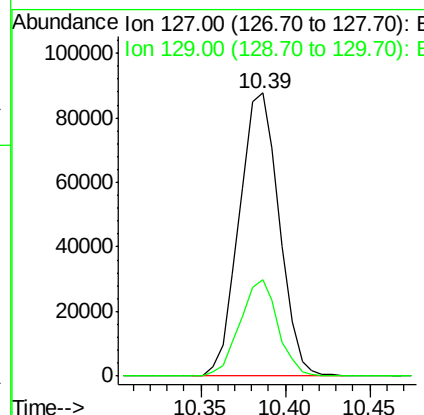
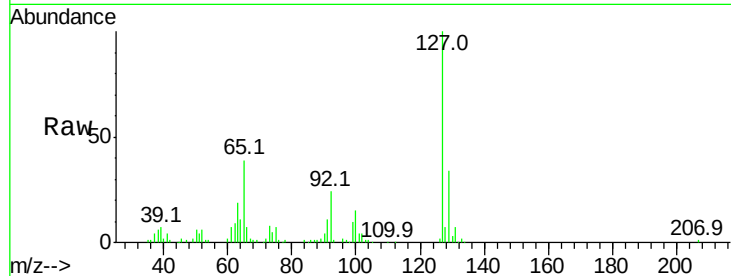
#30
4-Chloroaniline
Concen: 22.58 ng/ul
RT: 10.39 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Instrument :
BNA_M
ClientSampleID :
SSTD02003

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.2	28.4	42.6

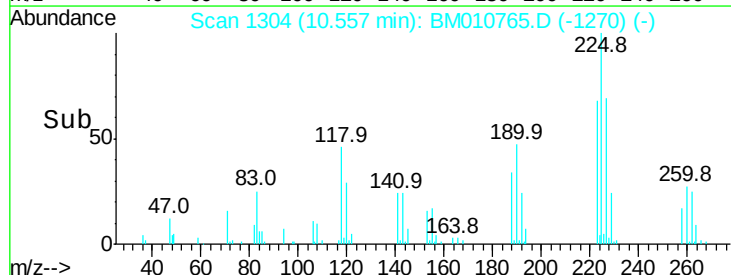
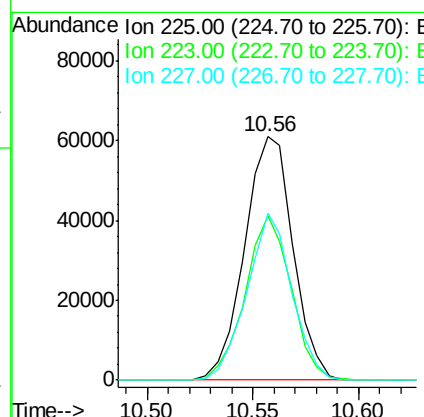
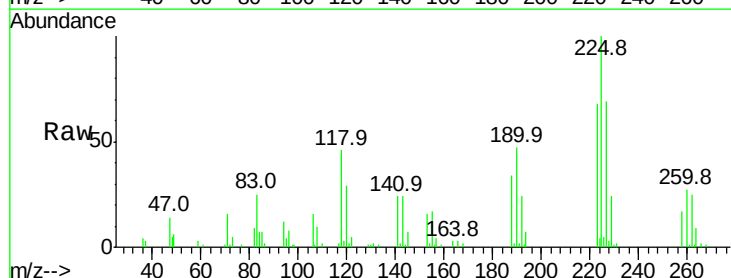
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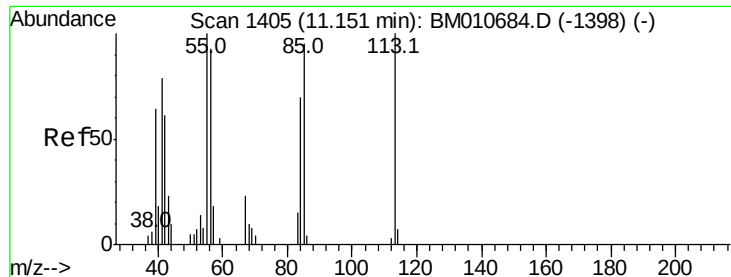
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#31
Hexachlorobutadiene
Concen: 21.86 ng/ul
RT: 10.56 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.6	49.4	74.2
227	68.7	45.4	68.2#





#32

Caprolactam

Concen: 19.00 ng/ul m

RT: 11.15 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

ClientSampleId :

SSTD02003

Tot Ion:113 Resp: 39270

Ion Ratio Lower Upper

113 100

55 96.8 94.8 142.2

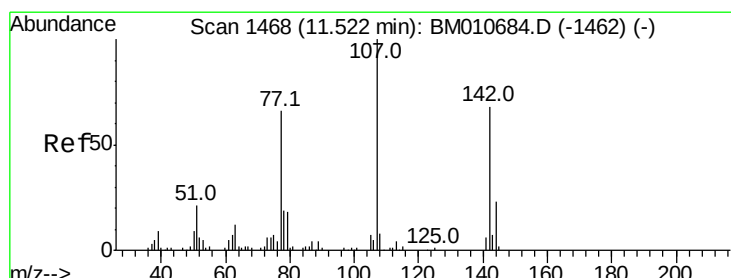
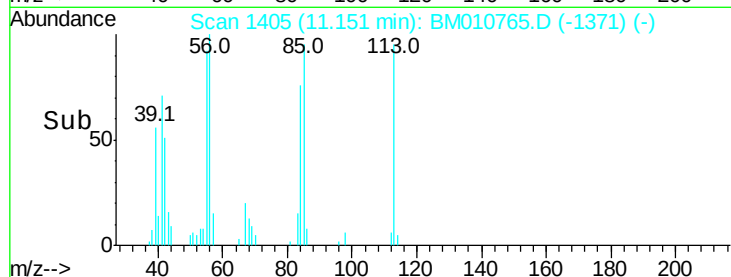
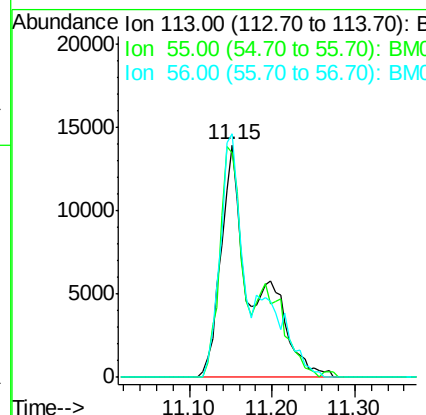
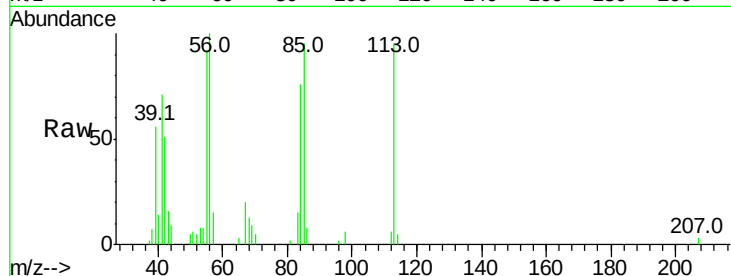
56 104.7 86.0 129.0

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#33

4-Chloro-3-methylphenol

Concen: 20.13 ng/ul

RT: 11.52 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

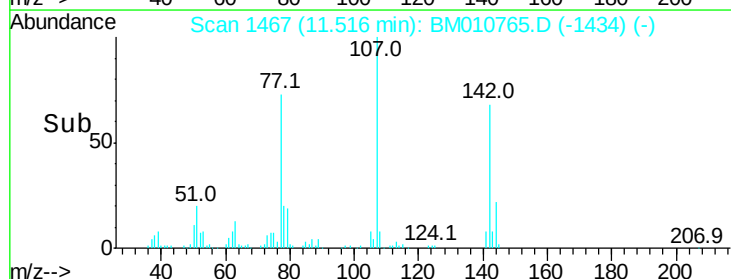
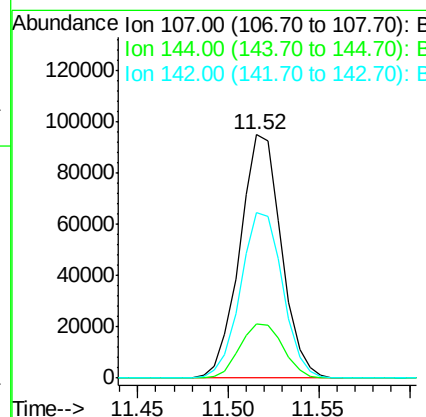
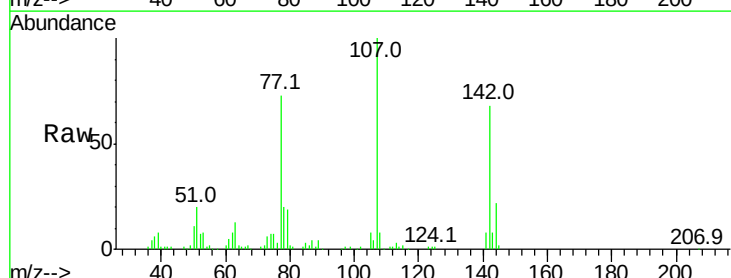
Tgt Ion:107 Resp: 151165

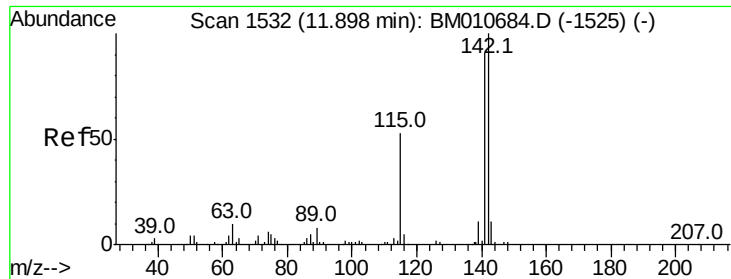
Ion Ratio Lower Upper

107 100

144 22.1 20.4 30.6

142 67.9 60.5 90.7





#34

2-Methylnaphthalene

Concen: 20.04 ng/ul

RT: 11.89 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

ClientSampleId :

SSTD02003

Tot Ion:142 Resp: 280241

Ion Ratio Lower Upper

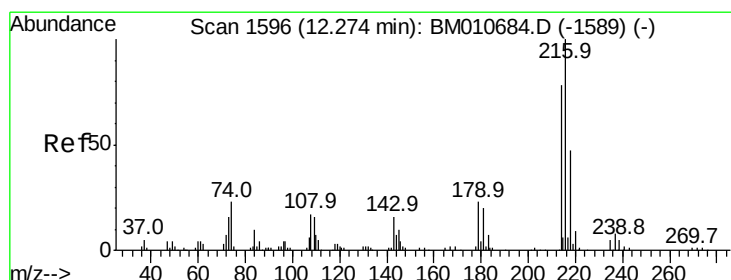
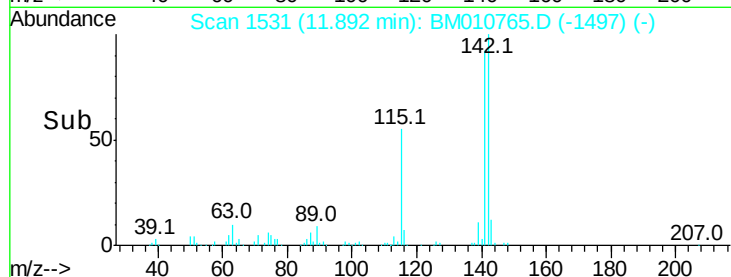
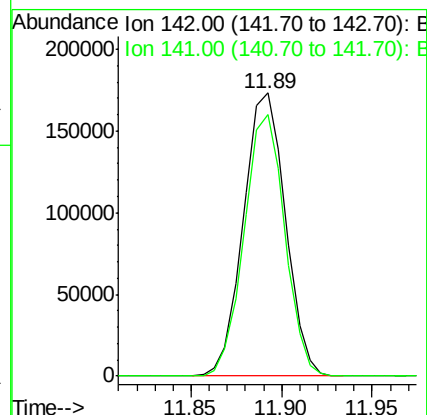
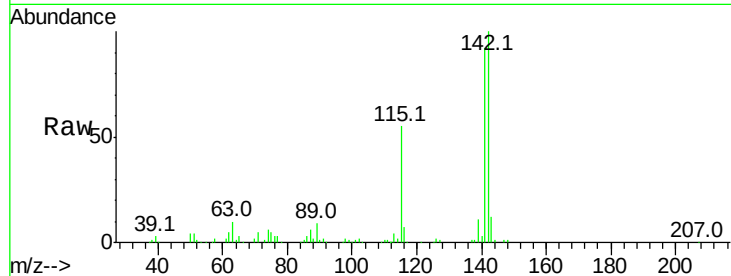
142 100

141 92.5 74.1 111.1

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#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.40 ng/ul

RT: 12.27 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Tgt Ion:216 Resp: 184478

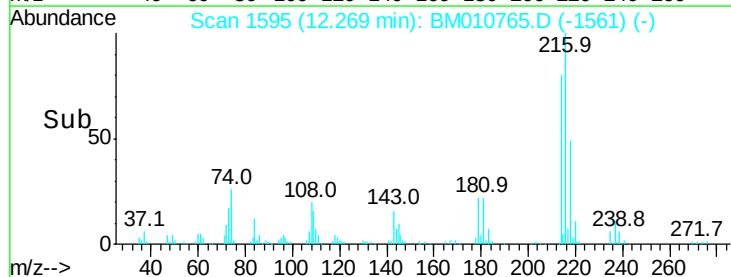
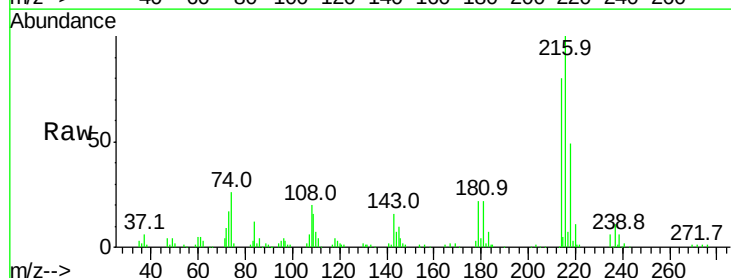
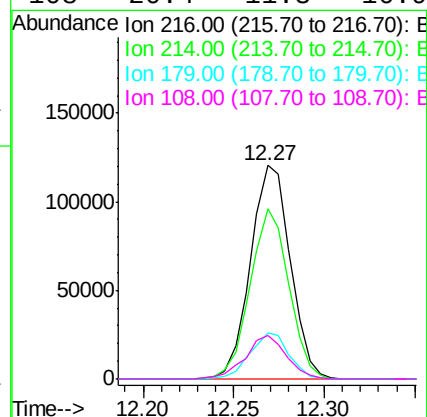
Ion Ratio Lower Upper

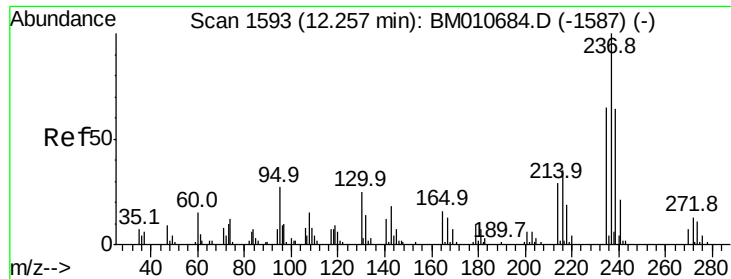
216 100

214 79.6 60.6 90.8

179 21.9 17.5 26.3

108 20.4 11.3 16.9#





#37

Hexachlorocyclopentadiene

Concen: 17.58 ng/ul

RT: 12.25 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

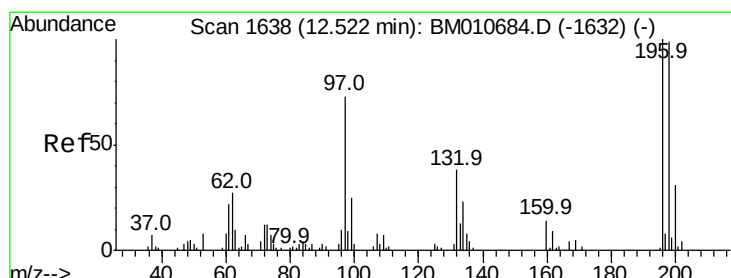
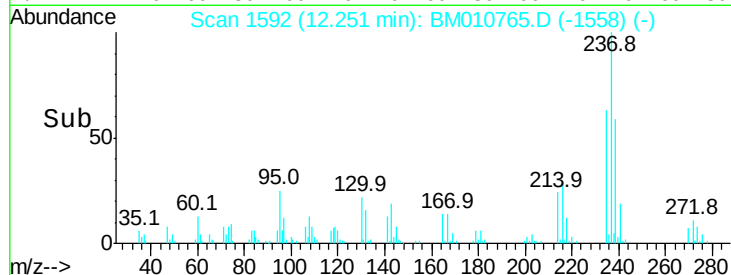
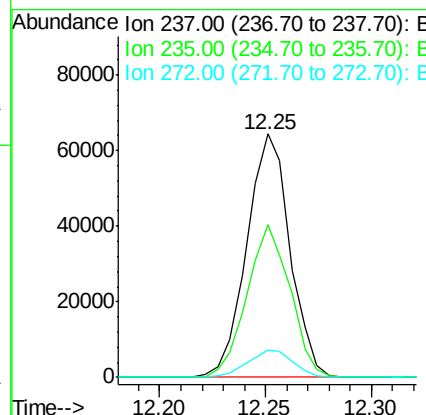
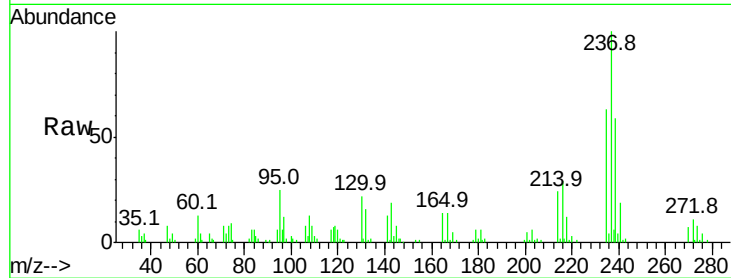
ClientSampleId :

SSTD02003

Tot Ion:	237	Resp:	91359
Ion	Ratio	Lower	Upper
237	100		
235	62.9	50.2	75.4
272	12.3	11.0	16.6

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#38

2,4,6-Trichlorophenol

Concen: 20.39 ng/ul

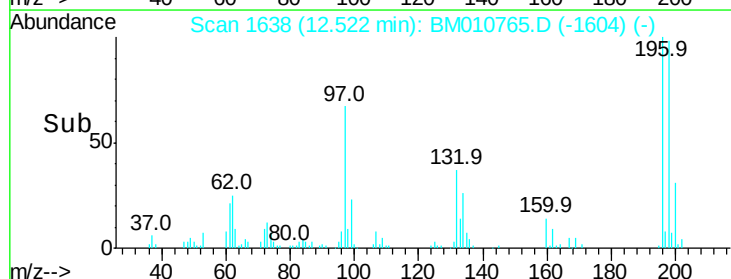
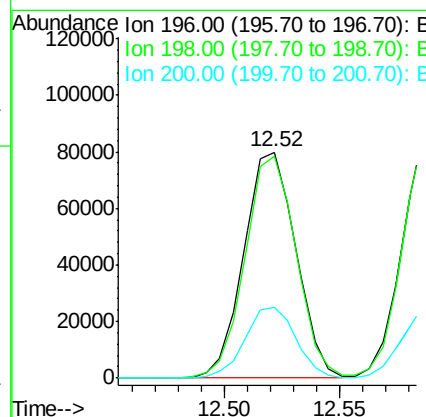
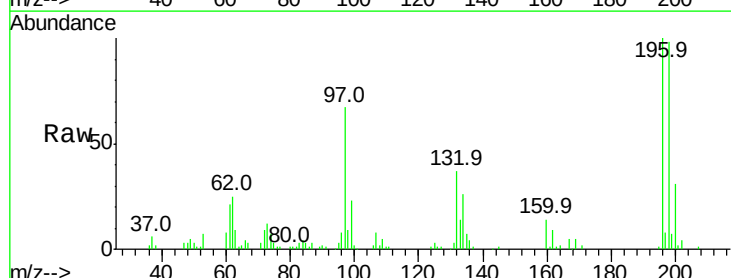
RT: 12.52 min Scan# 1638

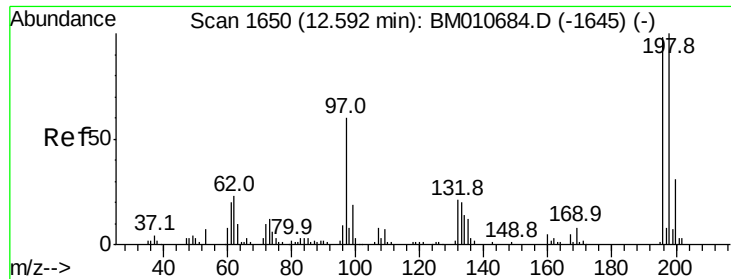
Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Tgt Ion:	196	Resp:	125929
Ion	Ratio	Lower	Upper
196	100		
198	98.2	74.1	111.1
200	31.3	25.2	37.8





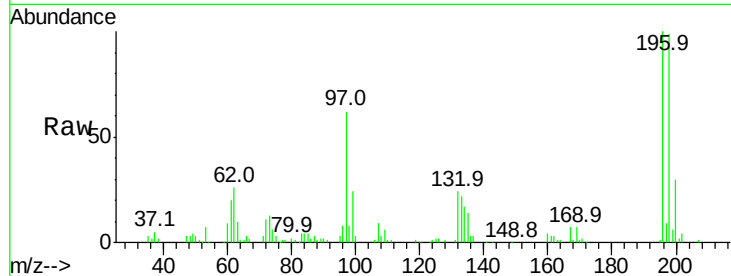
#39
 2,4,5-Trichlorophenol
 Concen: 20.62 ng/ul
 RT: 12.59 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BM010765.D
 Acq: 27 Jun 2017 03:02

Instrument :
 BNA_M
 ClientSampleID :
 SST02003

Tot Ion	Ratio	Resp	Lower	Upper
196	100	131480		
198	98.9	75.6	113.4	
200	29.8	25.5	38.3	

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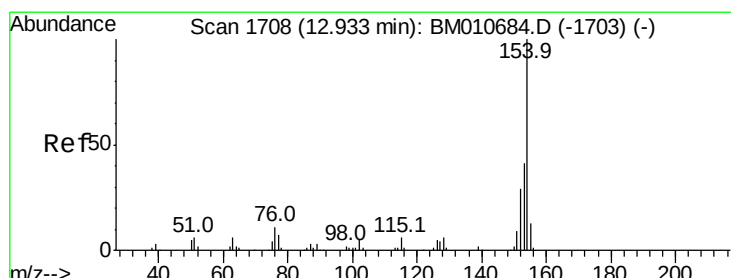
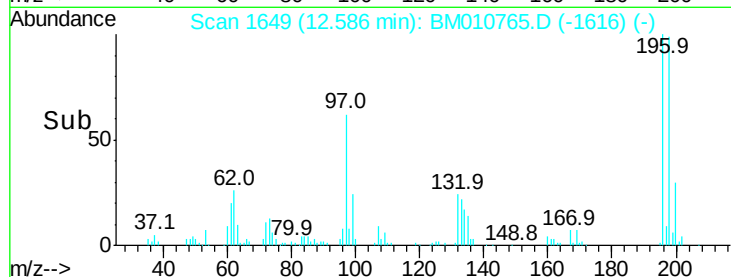
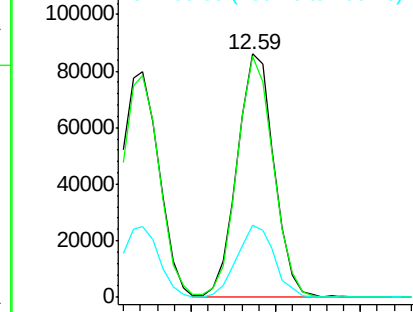


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#40
 1,1'-Biphenyl
 Concen: 19.84 ng/ul
 RT: 12.93 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BM010765.D
 Acq: 27 Jun 2017 03:02

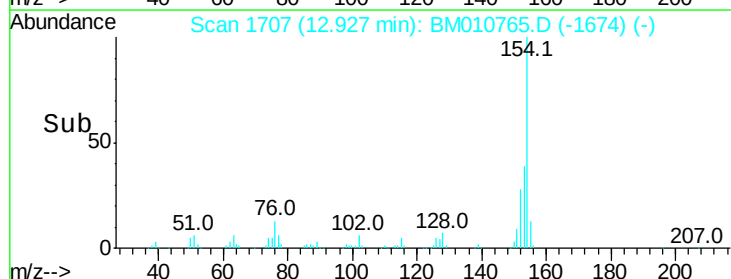
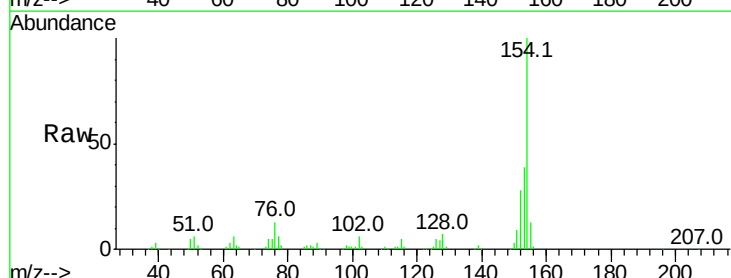
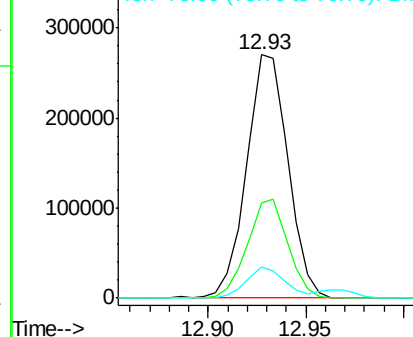
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	397383		
153	39.1	32.6	48.8	
76	12.7	8.5	12.7	

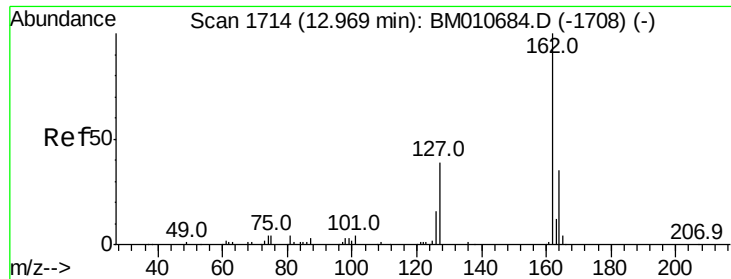
Abundance

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): BM





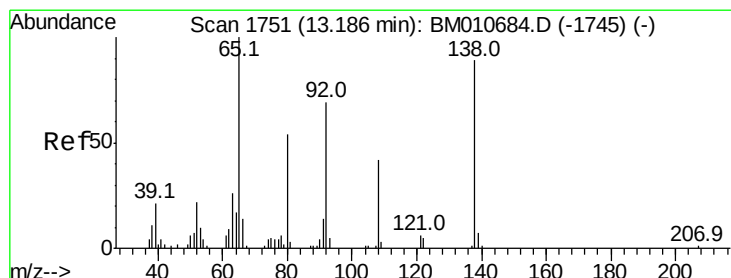
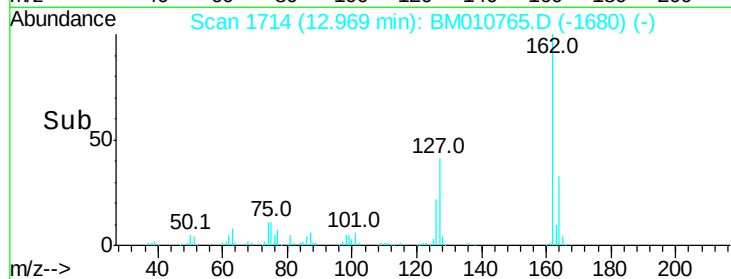
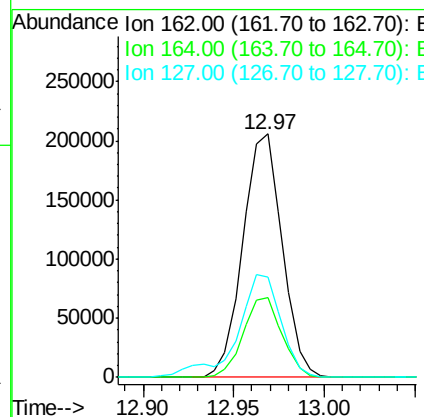
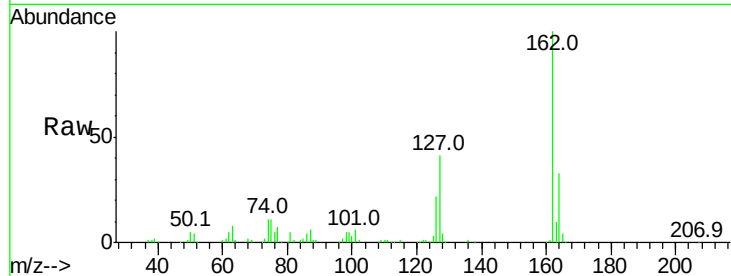
#41
 2-Chloronaphthalene
 Concen: 19.64 ng/ul
 RT: 12.97 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: BM010765.D
 Acq: 27 Jun 2017 03:02

Instrument :
 BNA_M
 ClientSampleId :
 SST02003

Tot Ion:	162	Resp:	309543
Ion Ratio	Lower	Upper	
162	100		
164	32.7	25.9	38.9
127	41.2	29.4	44.2

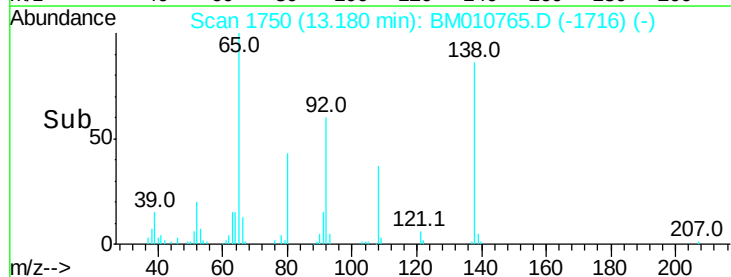
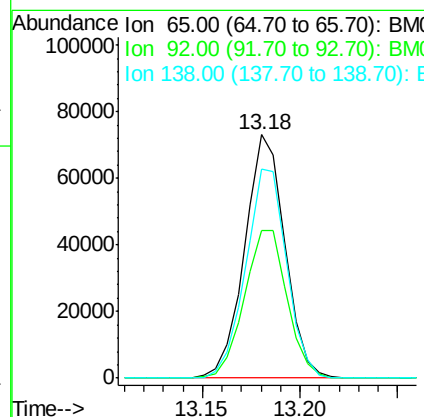
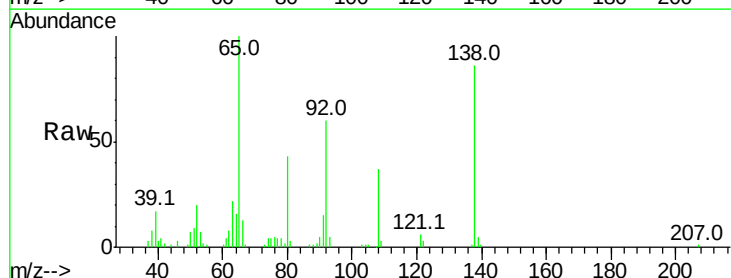
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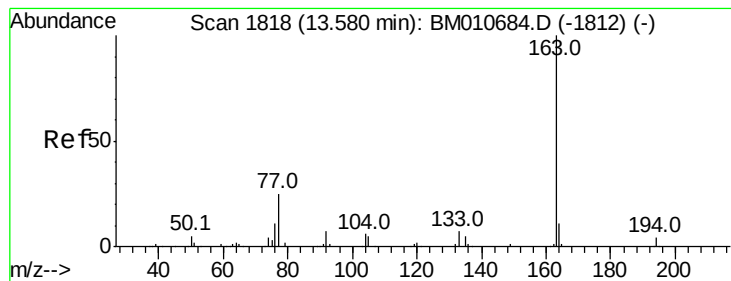
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#42
 2-Nitroaniline
 Concen: 22.65 ng/ul
 RT: 13.18 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: BM010765.D
 Acq: 27 Jun 2017 03:02

Tgt Ion:	65	Resp:	104414
Ion Ratio	Lower	Upper	
65	100		
92	60.4	51.8	77.6
138	86.1	74.2	111.4





#44

Dimethylphthalate

Concen: 19.04 ng/ul

RT: 13.58 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

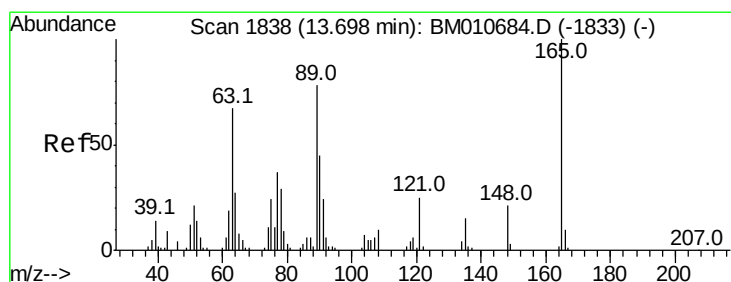
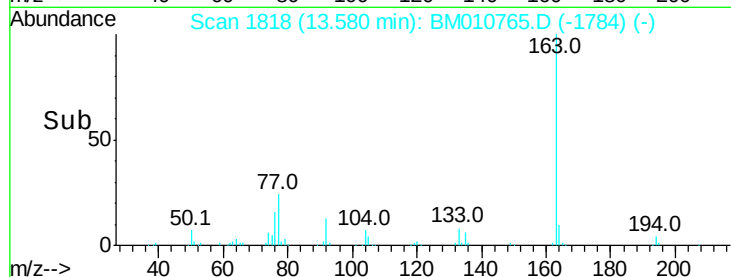
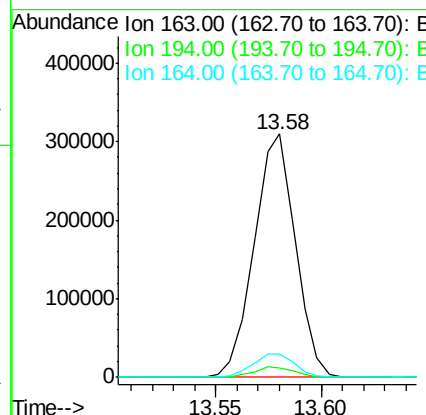
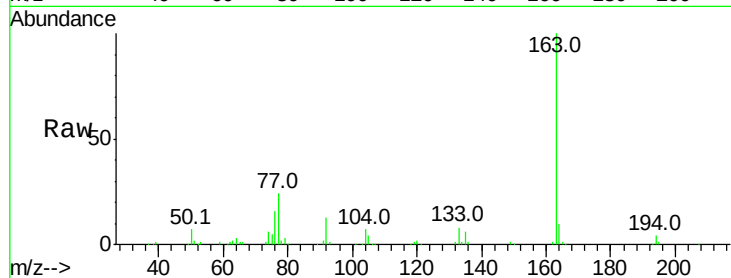
ClientSampleId :

SSTD02003

Tot Ion:	163	Resp:	419805
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	9.7	8.2	12.4

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#45

2,6-Dinitrotoluene

Concen: 22.40 ng/ul

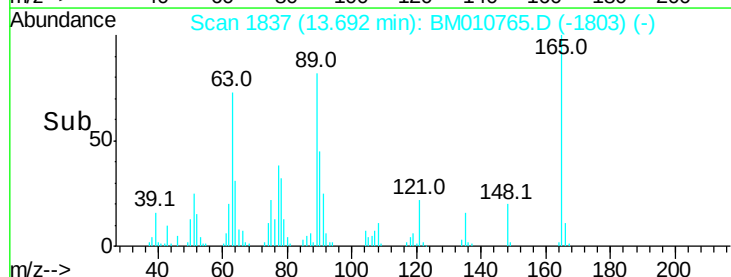
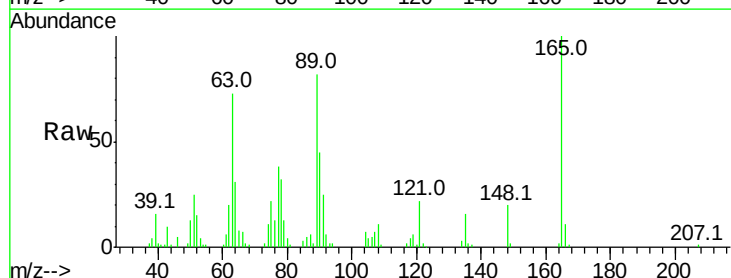
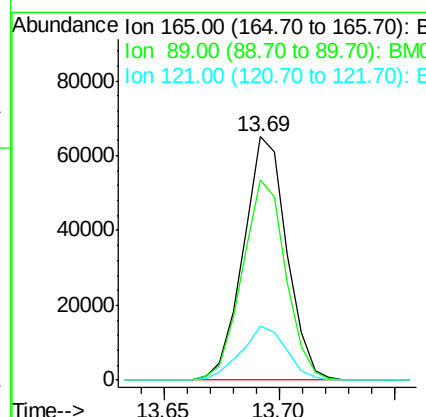
RT: 13.69 min Scan# 1837

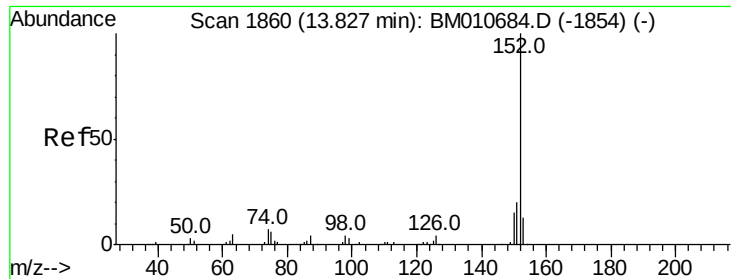
Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Tgt Ion:	165	Resp:	85526
Ion Ratio	Lower	Upper	
165	100		
89	82.3	52.6	79.0#
121	22.5	14.6	22.0#





#47

Acenaphthylene

Concen: 19.30 ng/ul

RT: 13.82 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

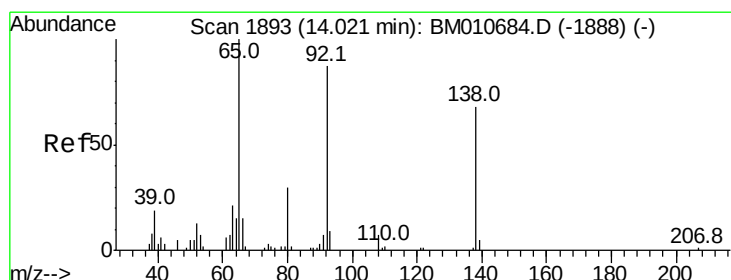
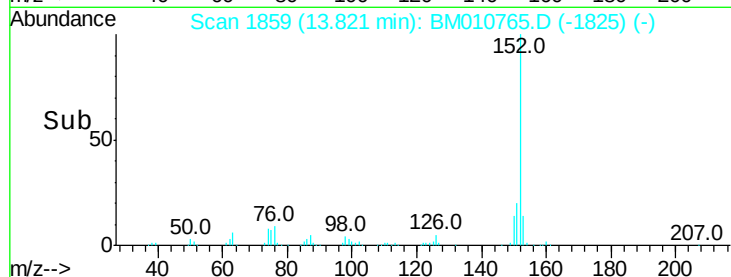
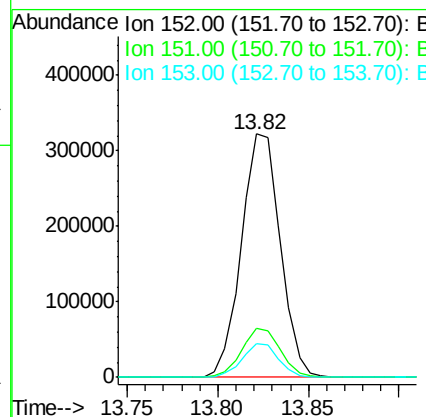
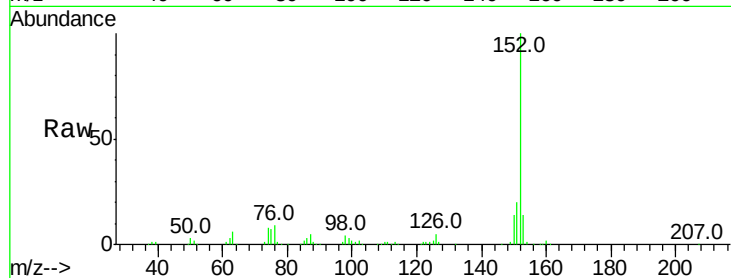
ClientSampleId :

SSTD02003

Tot Ion:	152	Resp:	480898
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	14.0	10.2	15.4

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#48

3-Nitroaniline

Concen: 21.50 ng/ul

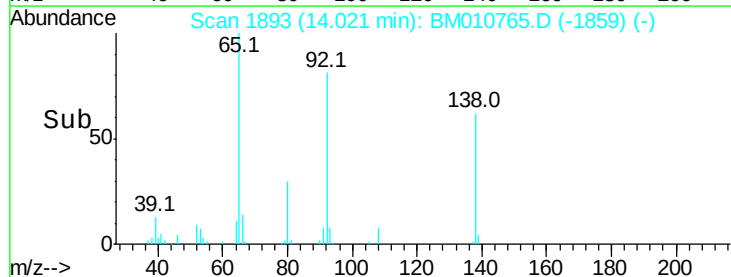
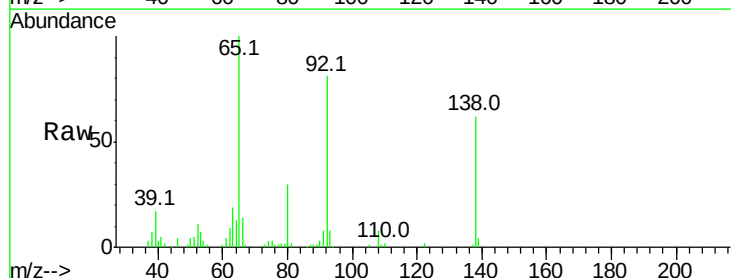
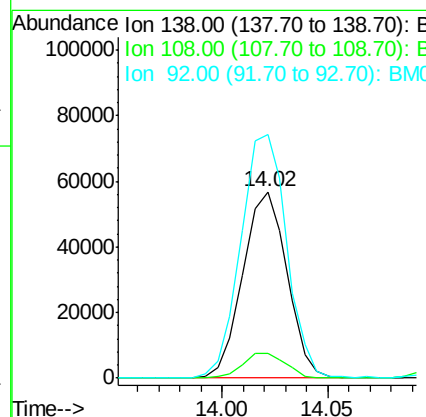
RT: 14.02 min Scan# 1893

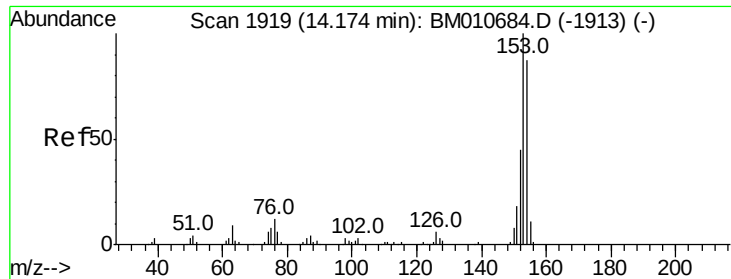
Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Tgt Ion:	138	Resp:	82804
Ion Ratio	Lower	Upper	
138	100		
108	13.3	9.9	14.9
92	130.5	105.0	157.4





#49

Acenaphthene

Concen: 18.95 ng/ul

RT: 14.17 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

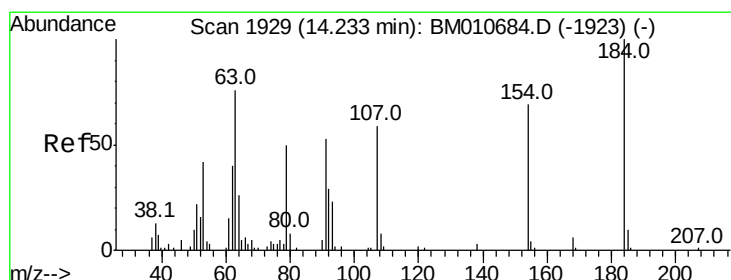
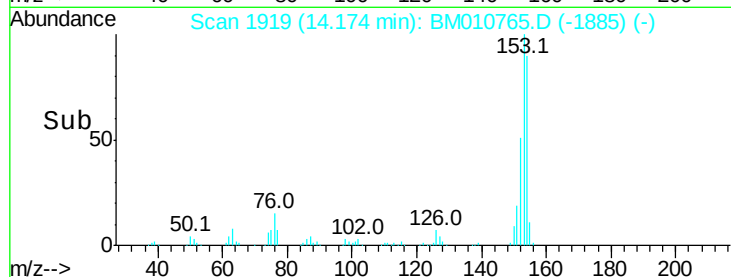
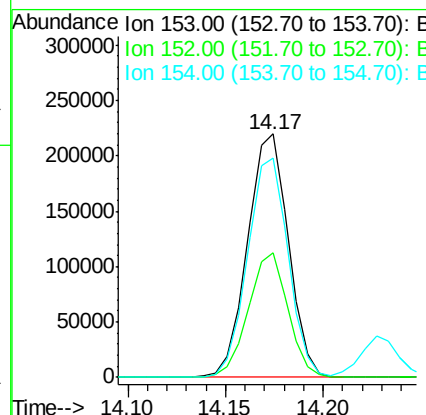
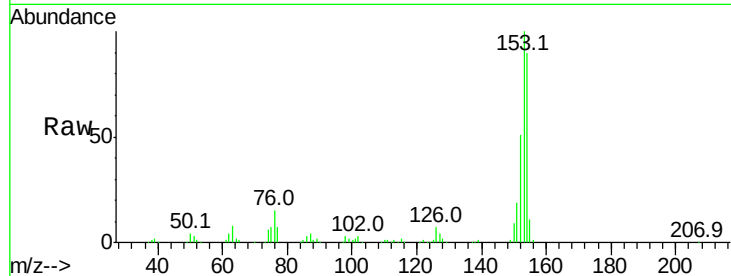
ClientSampleId :

SSTD02003

Tot Ion:	153	Resp:	318461
Ion Ratio	Lower	Upper	
153	100		
152	51.1	37.6	56.4
154	90.2	70.4	105.6

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#50

2,4-Dinitrophenol

Concen: 20.99 ng/ul

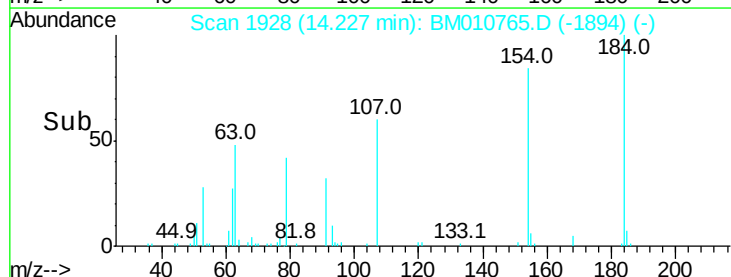
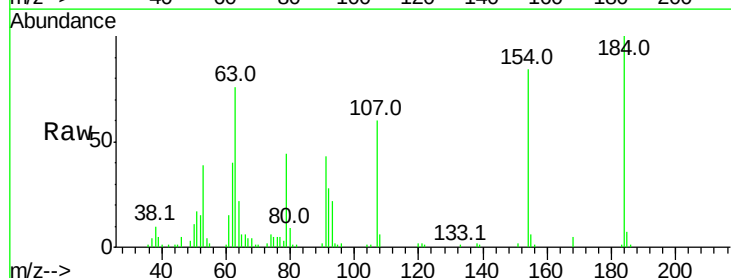
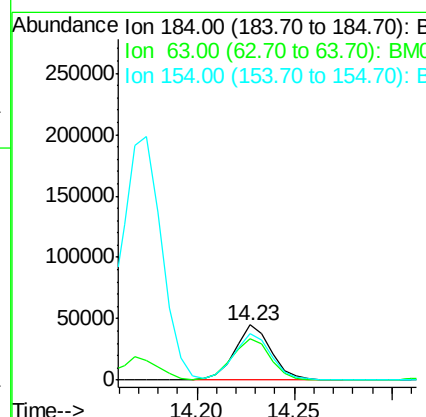
RT: 14.23 min Scan# 1928

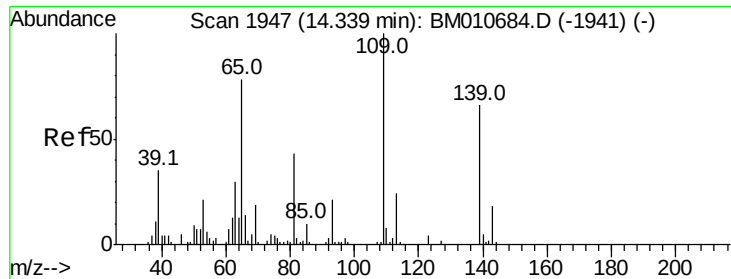
Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Tgt Ion:	184	Resp:	58061
Ion Ratio	Lower	Upper	
184	100		
63	75.5	50.1	75.1#
154	84.4	54.5	81.7#





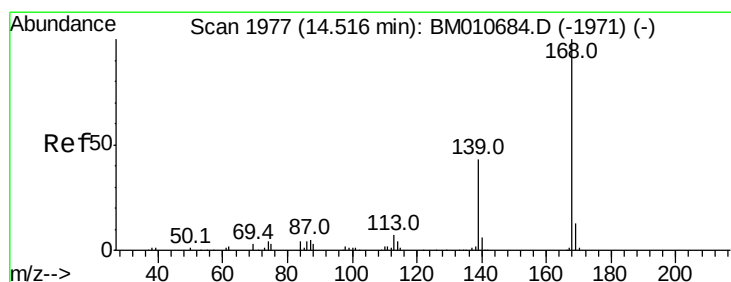
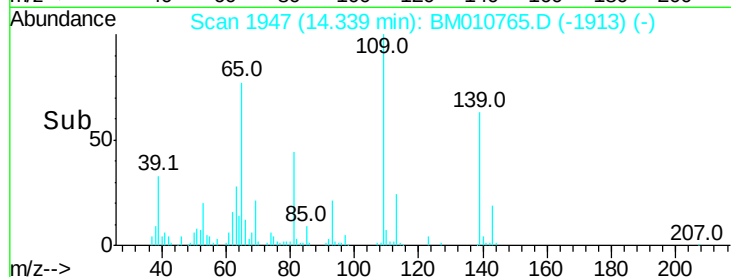
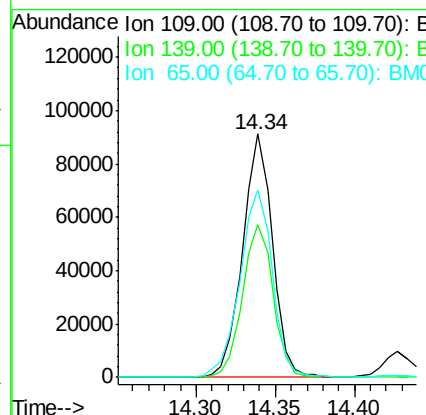
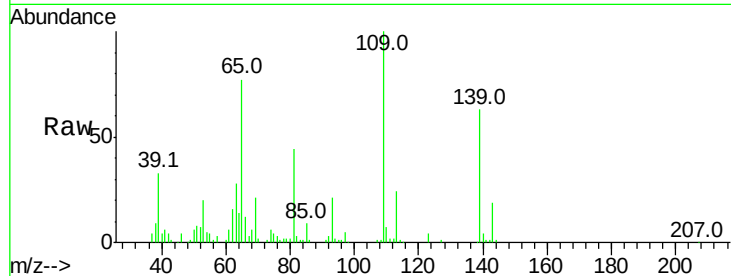
#52
4-Nitrophenol
Concen: 23.75 ng/ul
RT: 14.34 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Instrument :
BNA_M
ClientSampleId :
SSTD02003

Tot Ion	Ratio	Resp	Lower	Upper
109	100	119261		
139	62.7	66.6	100.0#	
65	77.2	78.3	117.5#	

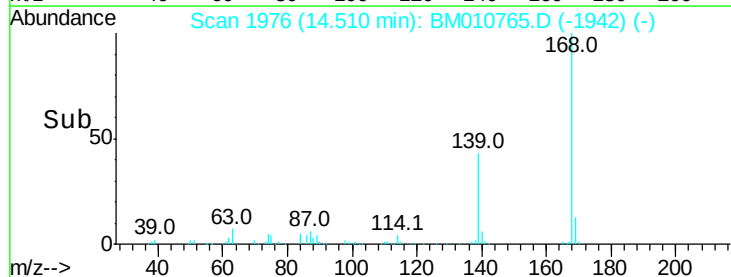
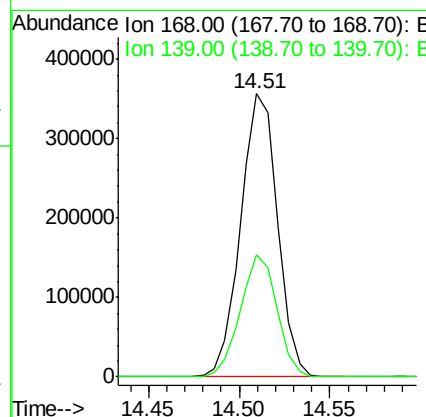
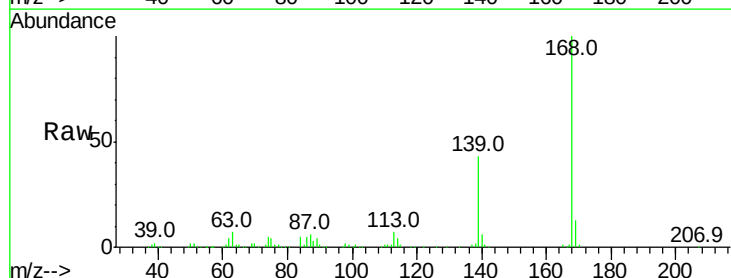
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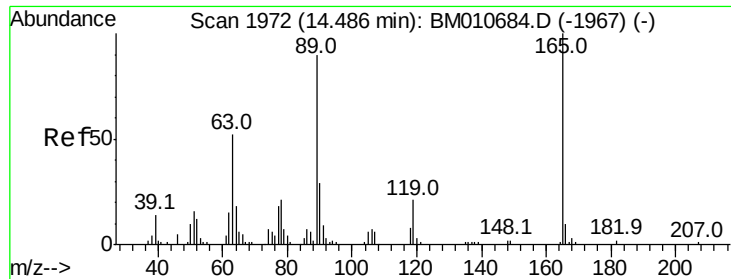
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#53
Dibenzofuran
Concen: 19.77 ng/ul
RT: 14.51 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	503287		
139	43.3	30.8	46.2	





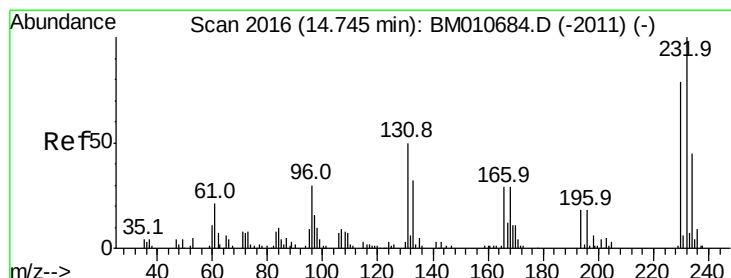
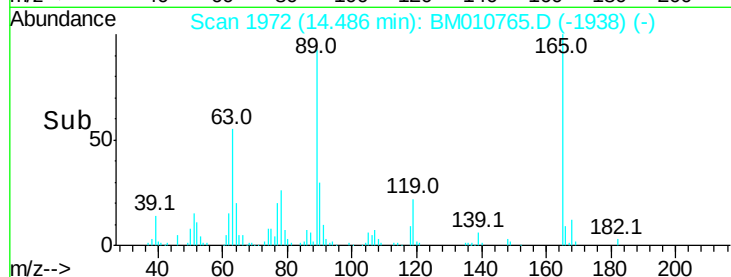
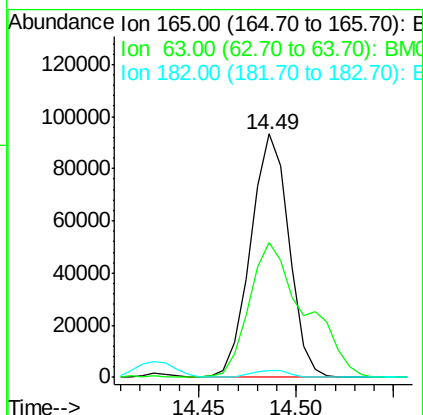
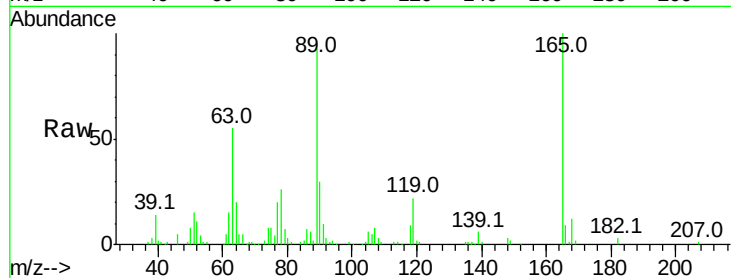
#54
2,4-Dinitrotoluene
Concen: 21.42 ng/ul
RT: 14.49 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Instrument :
BNA_M
ClientSampleId :
SSTD02003

Tot Ion	Ratio	Resp	Lower	Upper
165	100	126927		
63	55.4	45.8	68.8	
182	3.1	2.6	4.0	

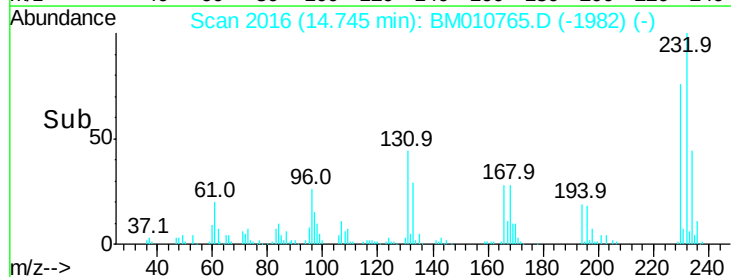
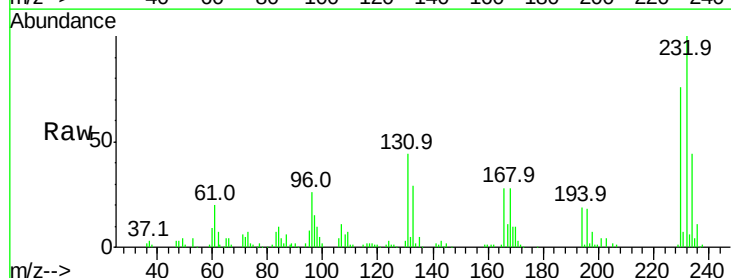
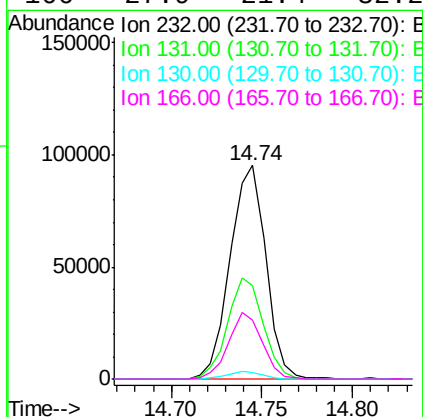
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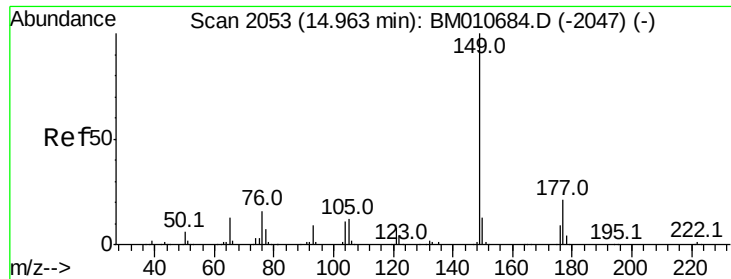
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#55
2,3,4,6-Tetrachlorophenol
Concen: 20.26 ng/ul
RT: 14.74 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	130716		
131	43.9	29.0	43.4	#
130	3.0	2.0	3.0	
166	27.9	21.4	32.2	





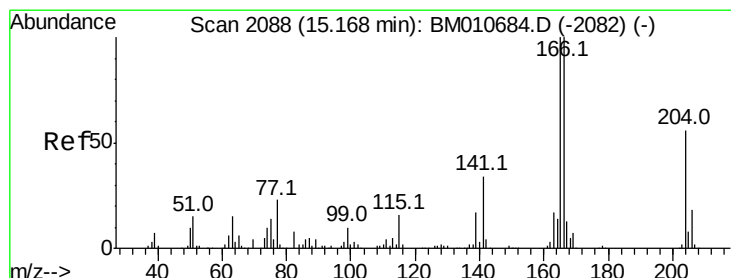
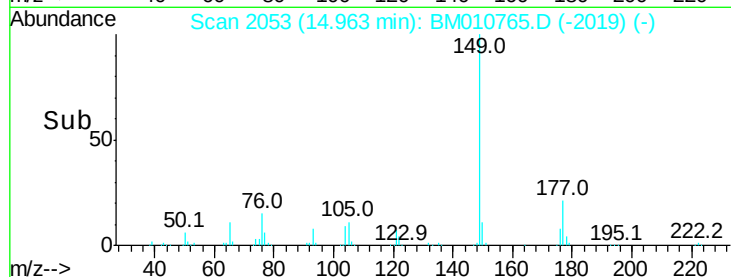
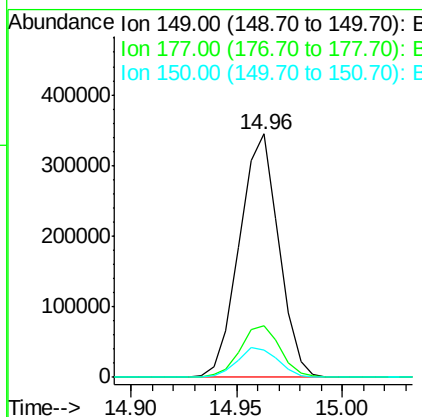
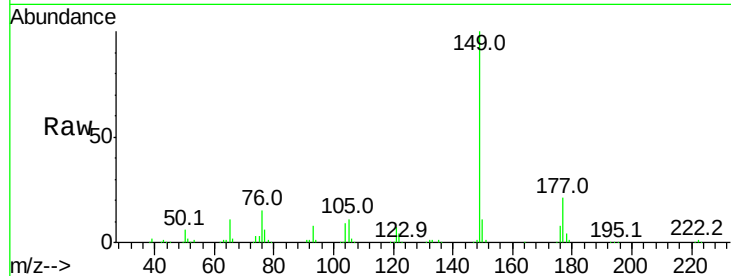
#56
Diethylphthalate
Concen: 19.21 ng/ul
RT: 14.96 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Instrument :
BNA_M
ClientSampled :
SSTD02003

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	20.5	30.7
150	11.4	10.6	15.8

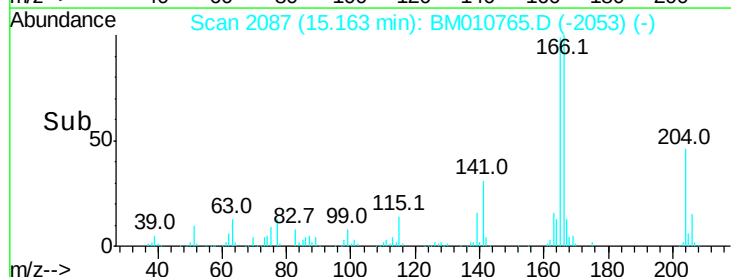
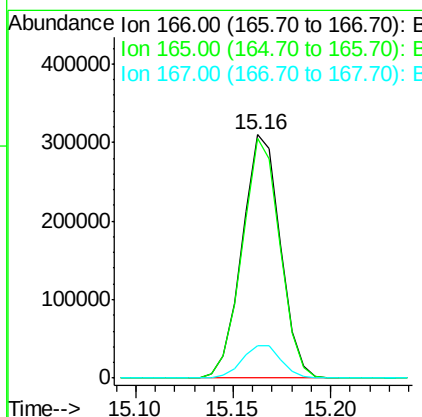
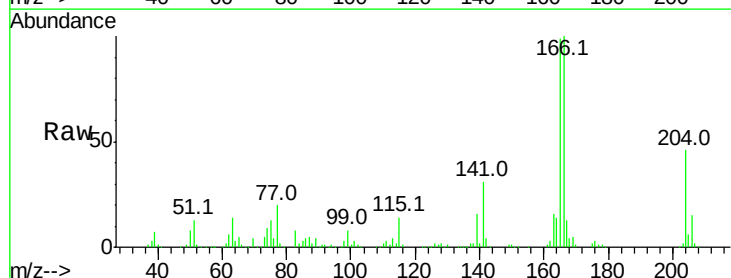
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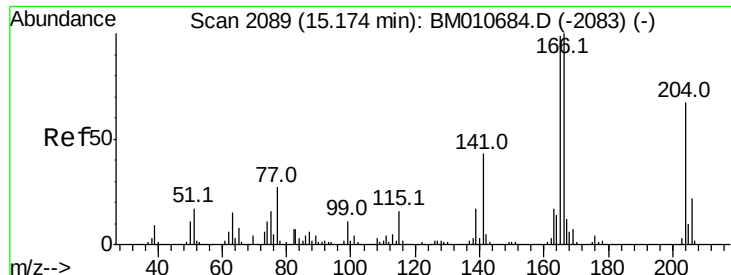
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#58
Fluorene
Concen: 19.74 ng/ul
RT: 15.16 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.9	116.9
167	13.3	10.6	16.0





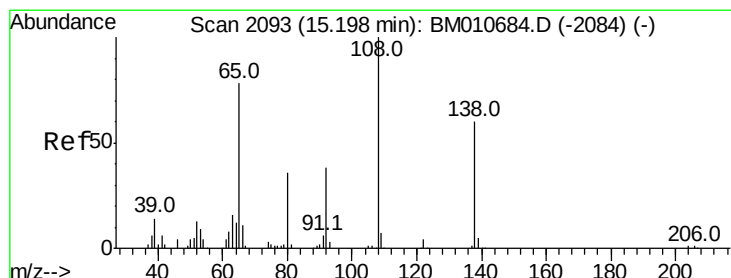
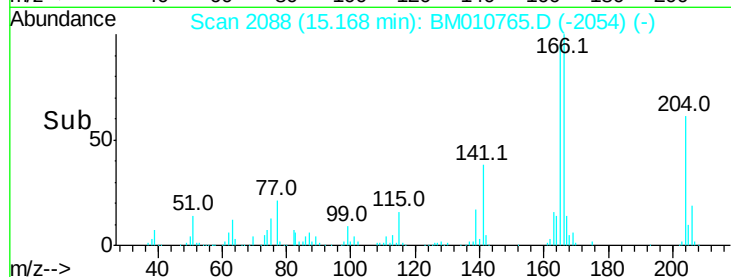
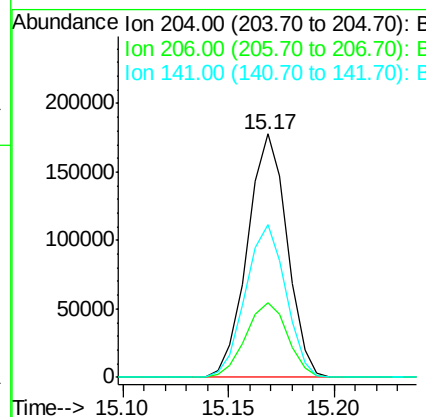
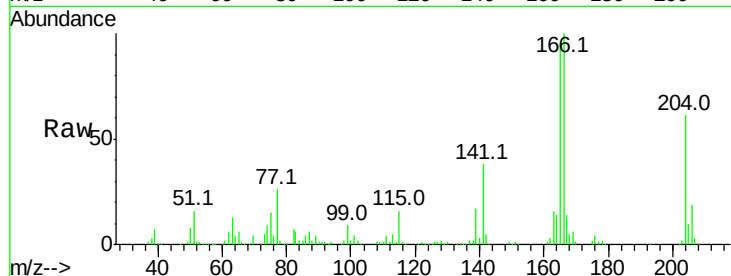
#59
 4-Chlorophenyl-phenylether
 Concen: 20.03 ng/ul
 RT: 15.17 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BM010765.D
 Acq: 27 Jun 2017 03:02

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02003

Tot Ion	Ratio	Lower	Upper
204	100		
206	30.5	24.8	37.2
141	62.8	44.3	66.5

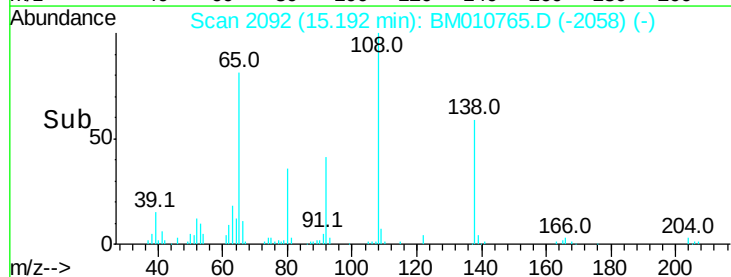
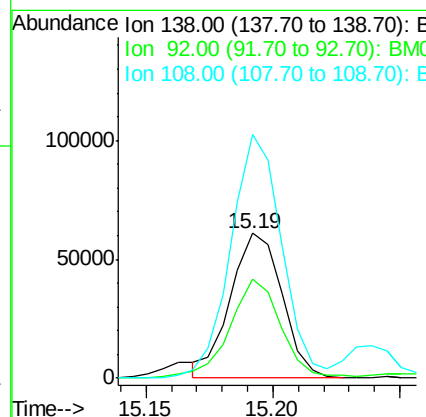
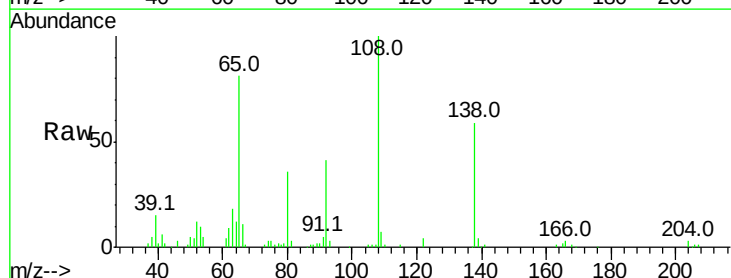
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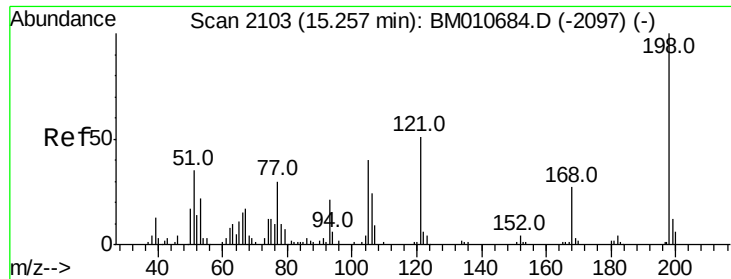
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#60
 4-Nitroaniline
 Concen: 18.89 ng/ul
 RT: 15.19 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: BM010765.D
 Acq: 27 Jun 2017 03:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	68.8	52.7	79.1
108	168.1	140.4	210.6





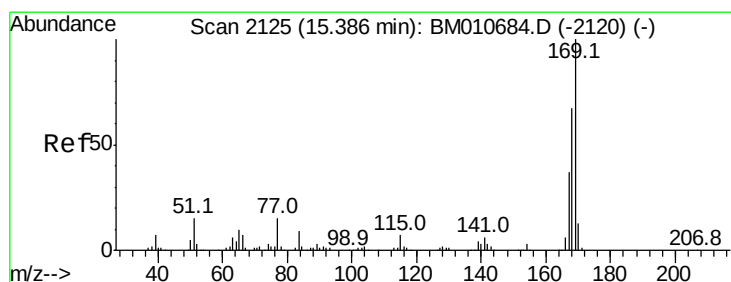
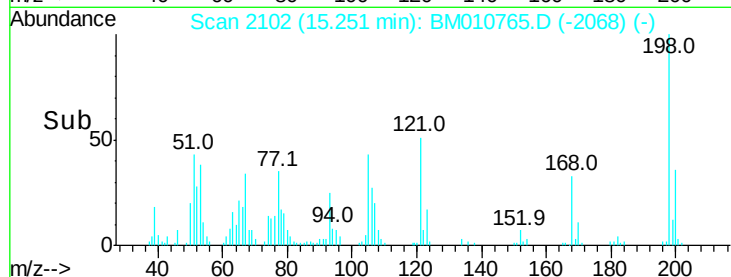
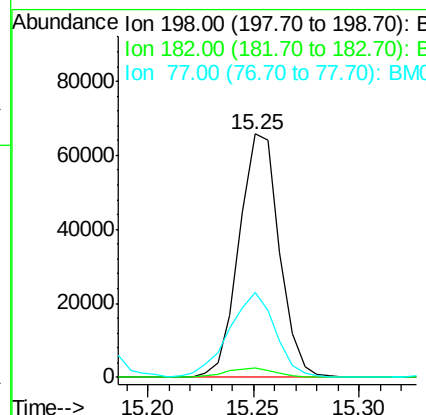
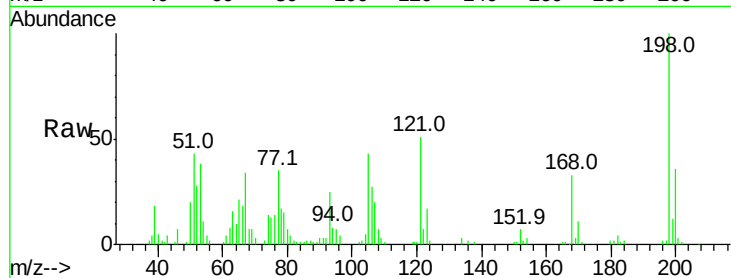
#63
 4,6-Dinitro-2-methylphenol
 Concen: 19.54 ng/ul
 RT: 15.25 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BM010765.D
 Acq: 27 Jun 2017 03:02

Instrument :
 BNA_M
 ClientSampleId :
 SST02003

Tot Ion	Ratio	Resp	Lower	Upper
198	100	86812		
182	3.6		3.8	5.6#
77	34.8		25.2	37.8

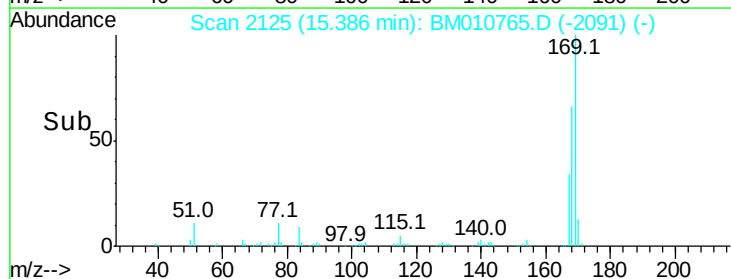
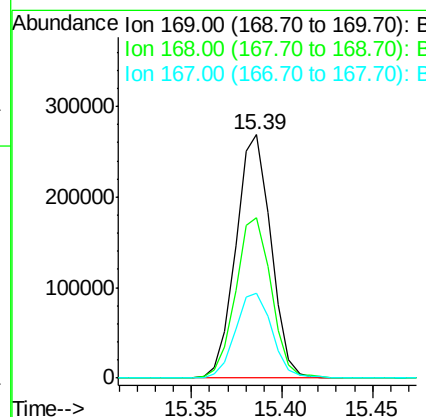
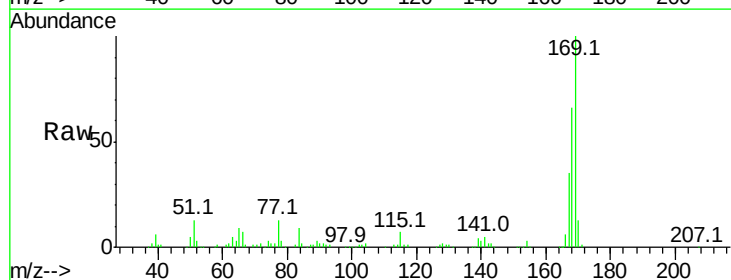
Manual Integrations
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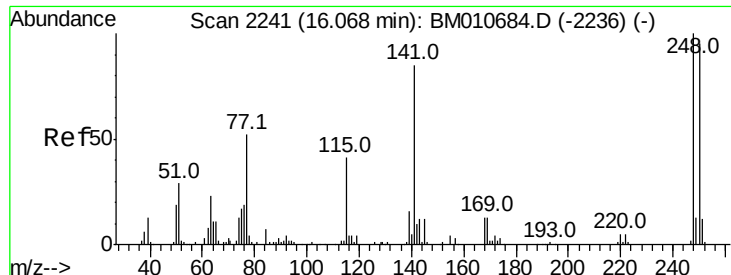
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#64
 N-Nitrosodiphenylamine
 Concen: 19.15 ng/ul
 RT: 15.39 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BM010765.D
 Acq: 27 Jun 2017 03:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	360625		
168	66.0		54.0	81.0
167	34.7		29.1	43.7





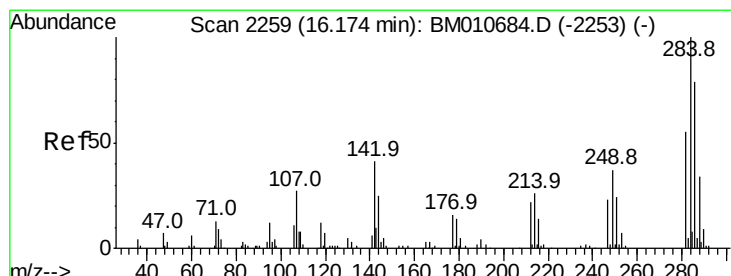
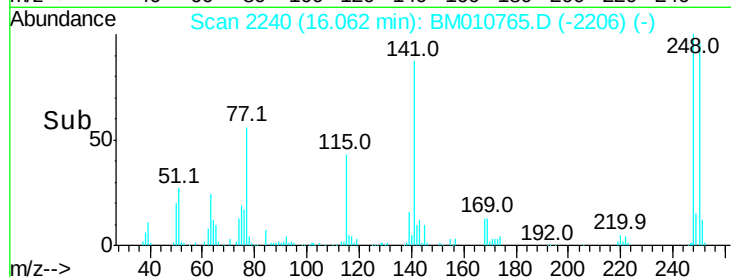
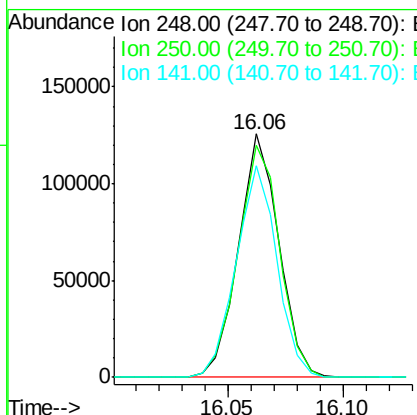
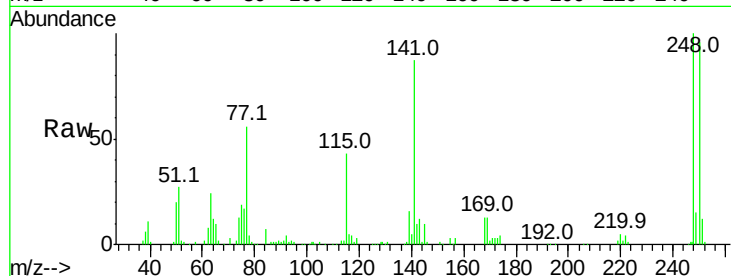
#65
 4-Bromophenyl-phenylether
 Concen: 19.78 ng/ul
 RT: 16.06 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: BM010765.D
 Acq: 27 Jun 2017 03:02

Instrument :
 BNA_M
 ClientSampleId :
 SST02003

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	80.5	120.7
141	87.1	53.6	80.4#

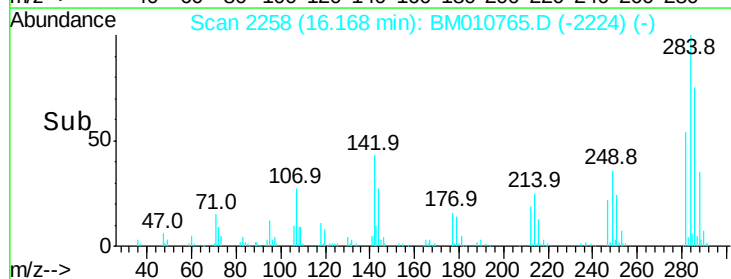
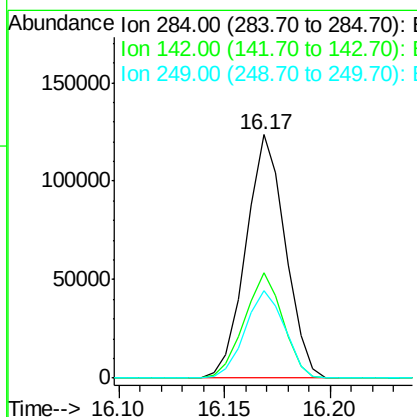
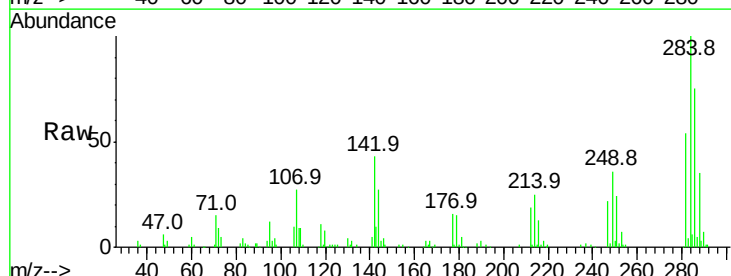
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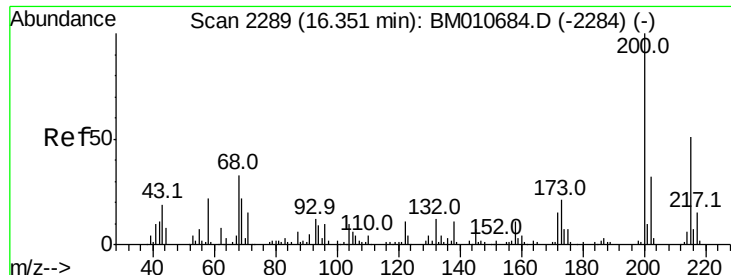
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#66
 Hexachlorobenzene
 Concen: 19.59 ng/ul
 RT: 16.17 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BM010765.D
 Acq: 27 Jun 2017 03:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.2	21.2	31.8#
249	36.1	24.5	36.7





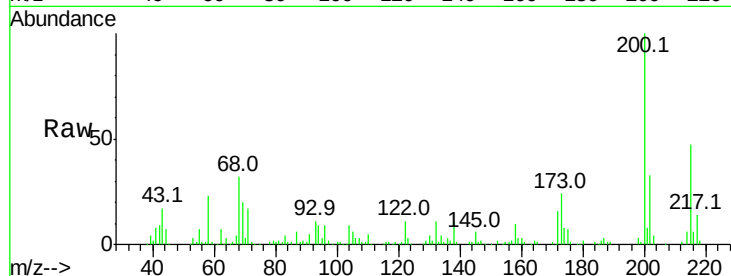
#67
Atrazine
Concen: 20.61 ng/ul
RT: 16.35 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Instrument :
BNA_M
ClientSampleId :
SSTD02003

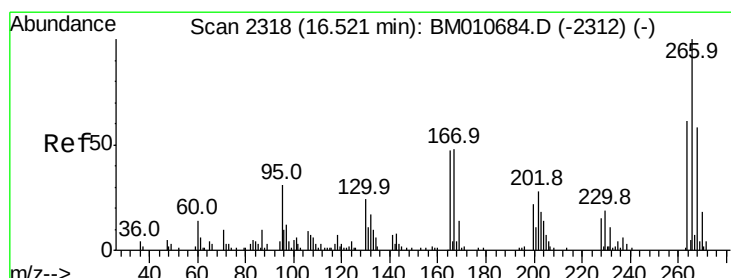
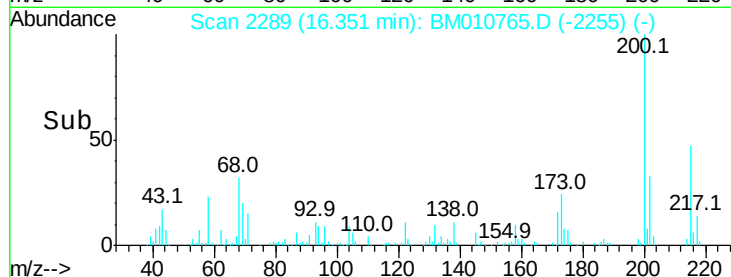
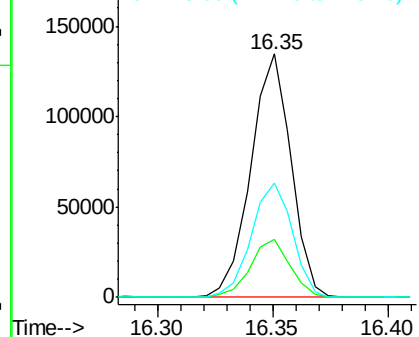
Tot Ion	Ratio	Resp	Lower	Upper
200	100	163498		
173	23.9	18.2	27.2	
215	46.8	35.0	52.4	

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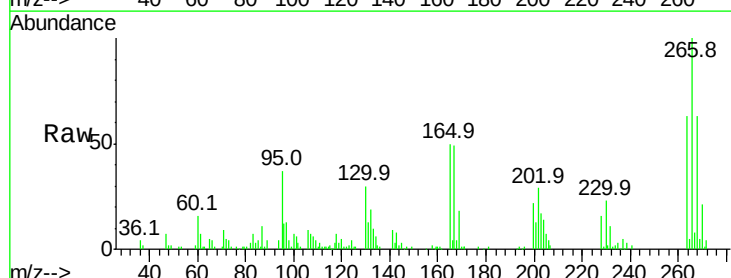


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

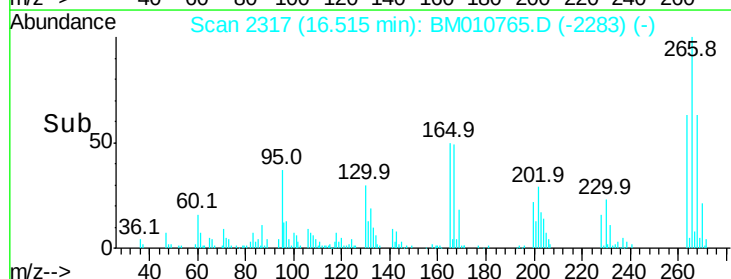
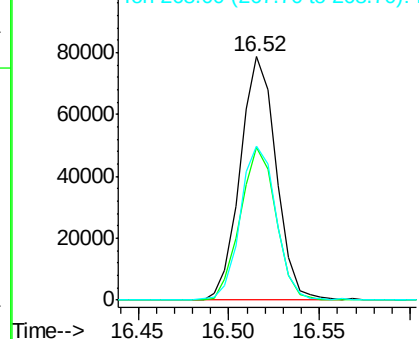


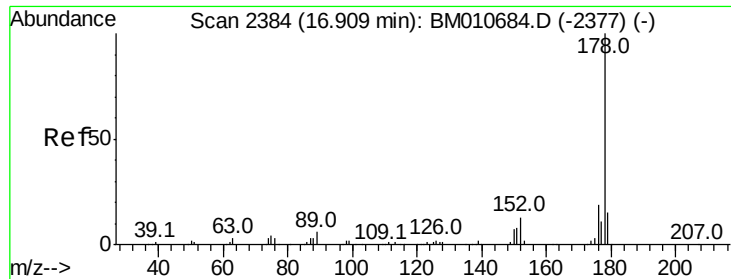
#68
Pentachlorophenol
Concen: 18.78 ng/ul
RT: 16.52 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	108428		
264	62.7	49.3	73.9	
268	63.4	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: 19.63 ng/ul

RT: 16.90 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

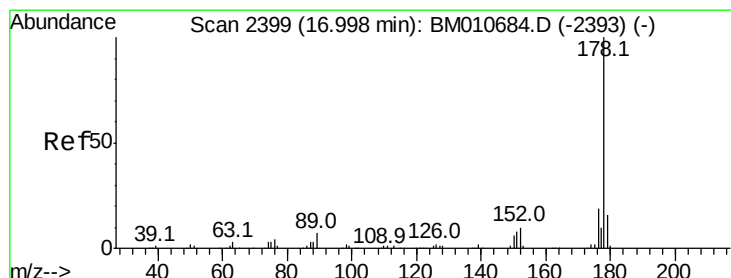
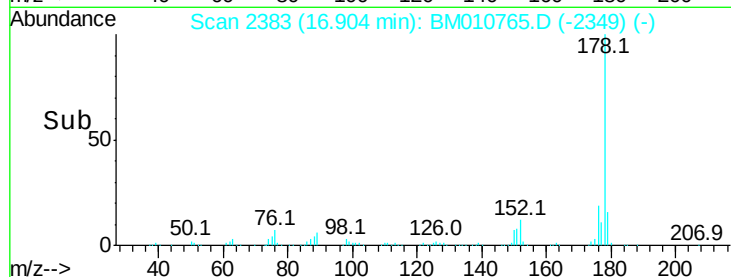
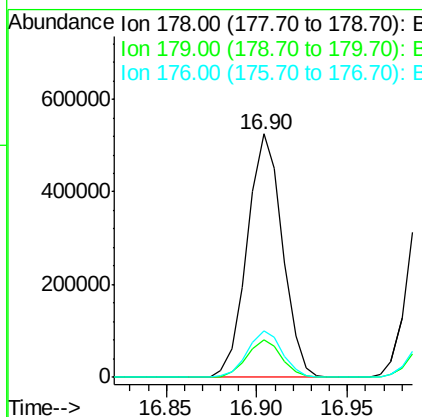
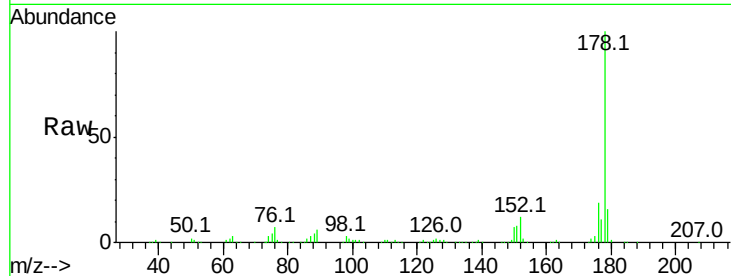
ClientSampleId :

SSTD02003

Tot Ion:	178	Resp:	708555
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.6	19.0
176	18.8	14.9	22.3

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#71

Anthracene

Concen: 19.52 ng/ul

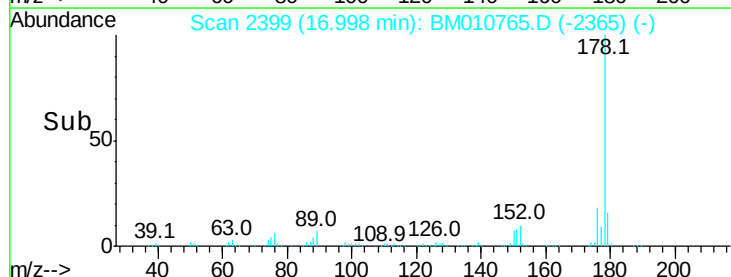
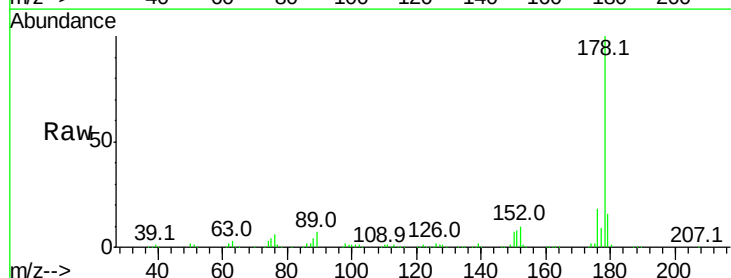
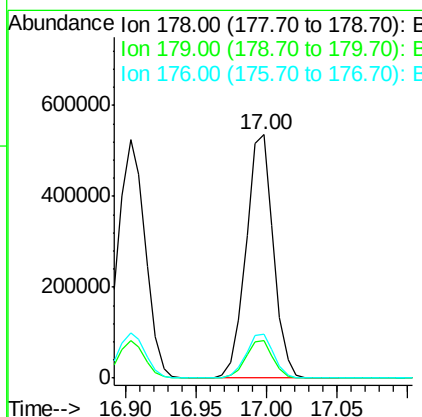
RT: 17.00 min Scan# 2399

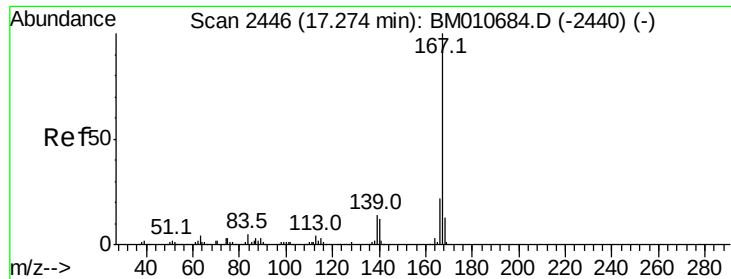
Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Tgt Ion:	178	Resp:	725998
Ion Ratio	Lower	Upper	
178	100		
179	15.5	11.7	17.5
176	18.1	14.6	21.8





#72

Carbazole

Concen: 19.19 ng/ul

RT: 17.27 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

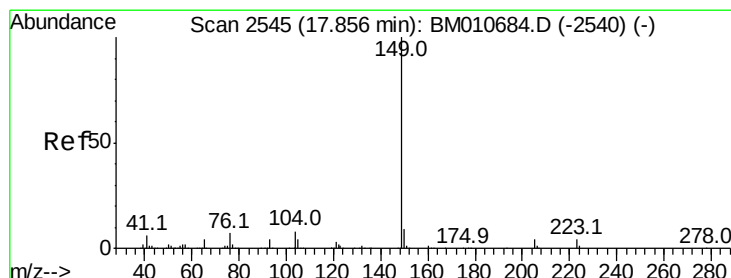
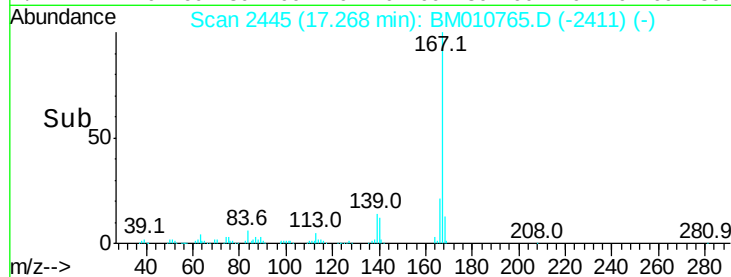
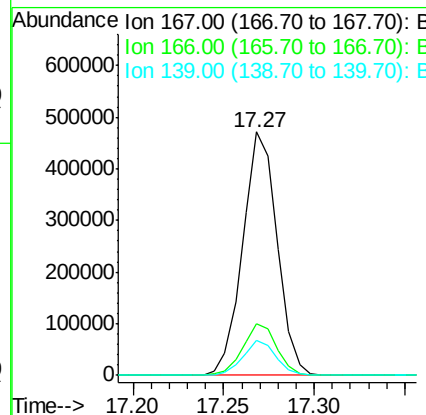
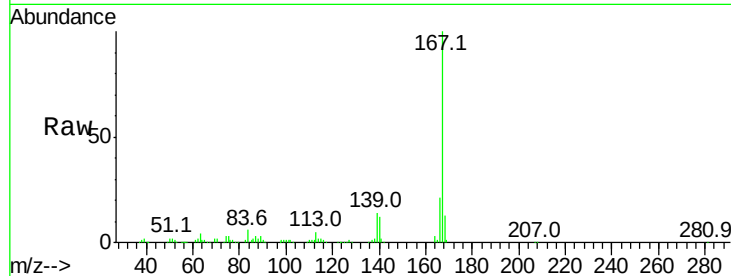
ClientSampleId :

SSTD02003

Tot Ion:	167	Resp:	622589
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.1	25.7
139	14.4	10.0	15.0

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#73

Di-n-butylphthalate

Concen: 18.74 ng/ul

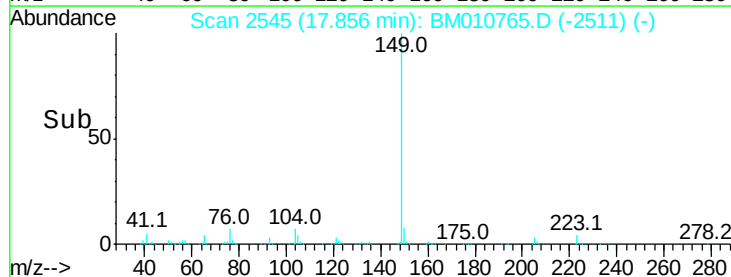
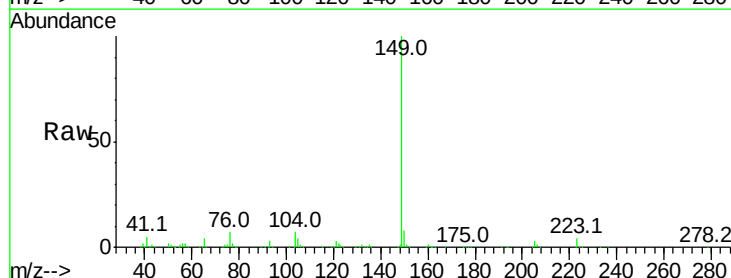
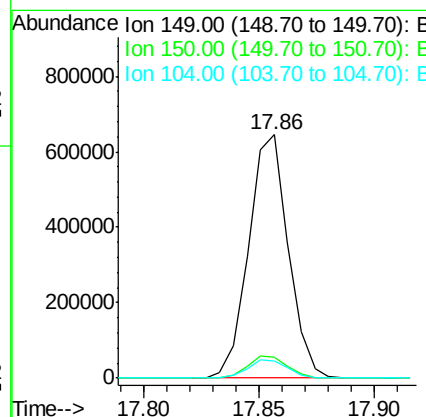
RT: 17.86 min Scan# 2545

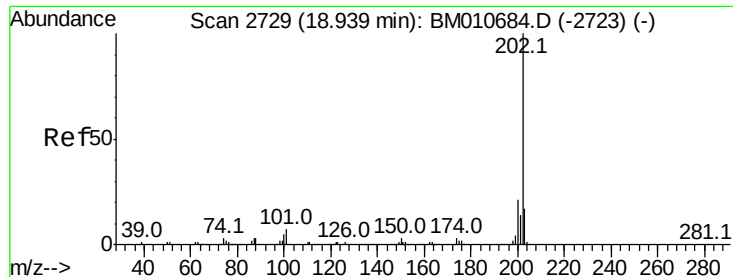
Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Tgt Ion:	149	Resp:	772926
Ion Ratio	Lower	Upper	
149	100		
150	8.4	7.1	10.7
104	7.0	5.6	8.4





#74

Fluoranthene

Concen: 19.77 ng/ul

RT: 18.93 min Scan# 2728

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

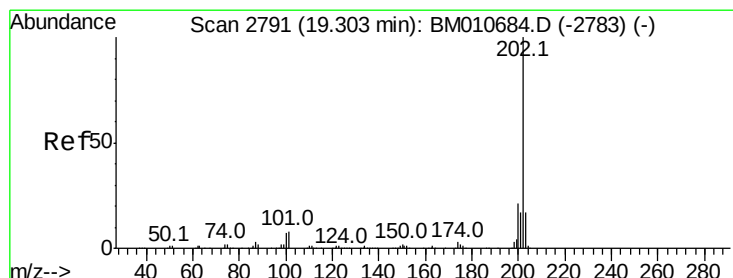
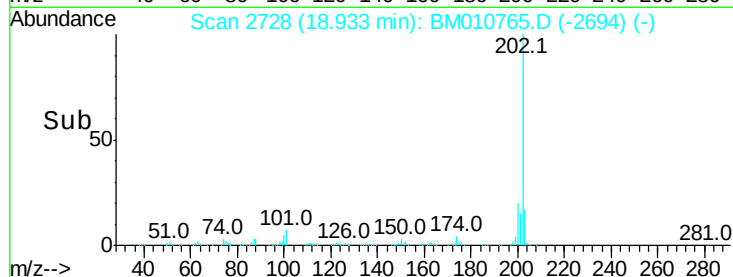
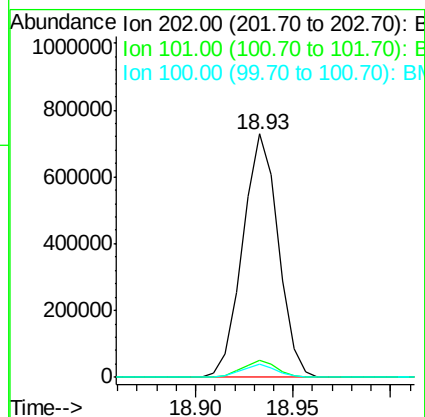
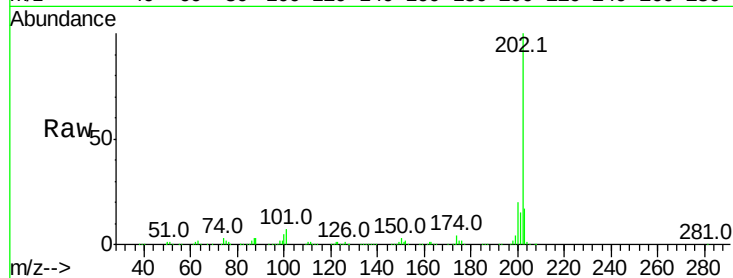
ClientSampleId :

SSTD02003

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	6.8	4.6	7.0		
100	5.2	3.4	5.2		

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#77

Pyrene

Concen: 21.05 ng/ul

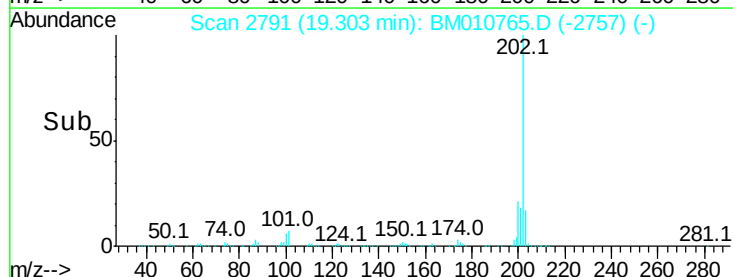
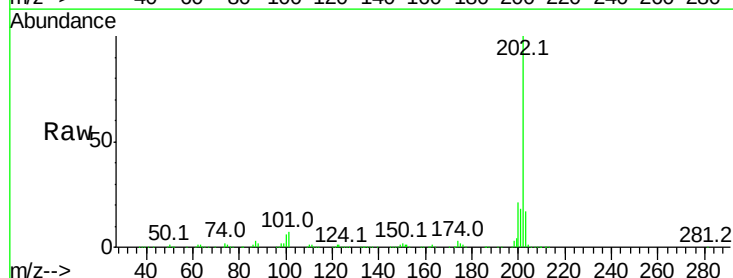
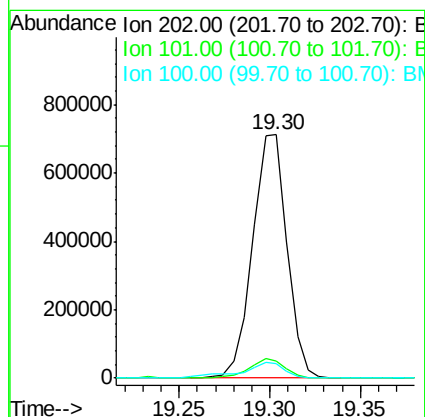
RT: 19.30 min Scan# 2791

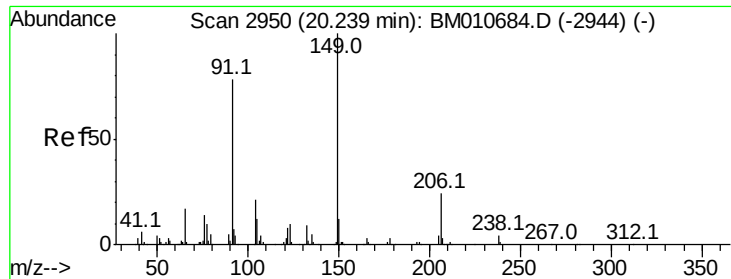
Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	7.1	5.1	7.7		
100	5.9	4.9	7.3		





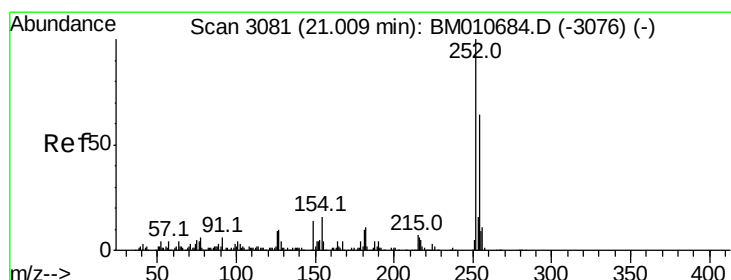
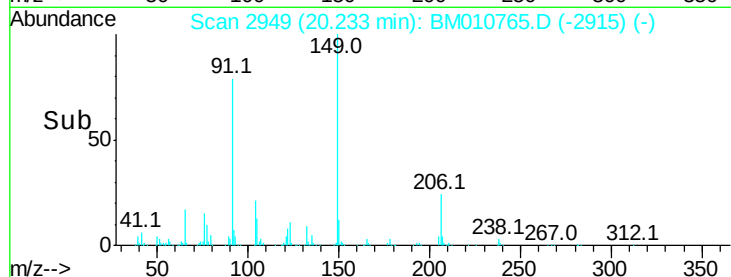
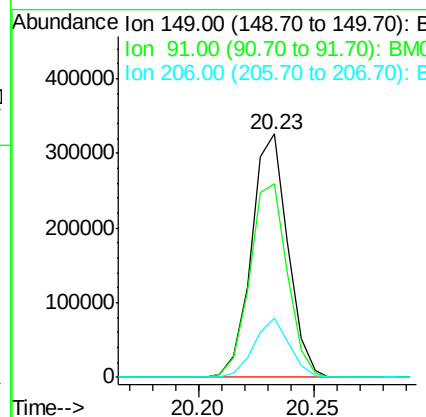
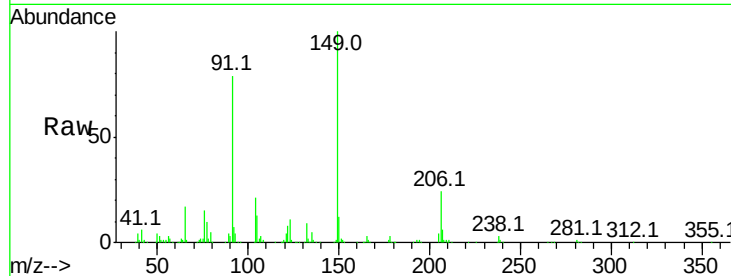
#78
Butylbenzylphthalate
Concen: 21.46 ng/ul
RT: 20.23 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Instrument :
BNA_M
ClientSampleId :
SSTD02003

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	79.5	62.7	94.1	
206	24.1	20.8	31.2	

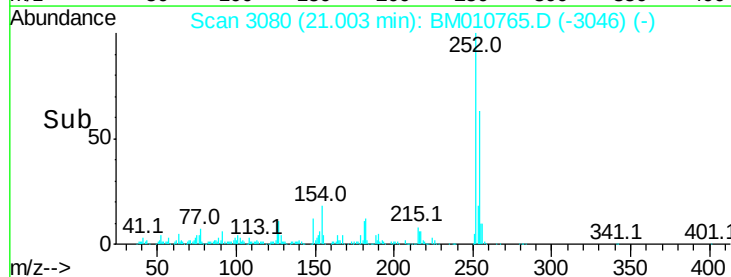
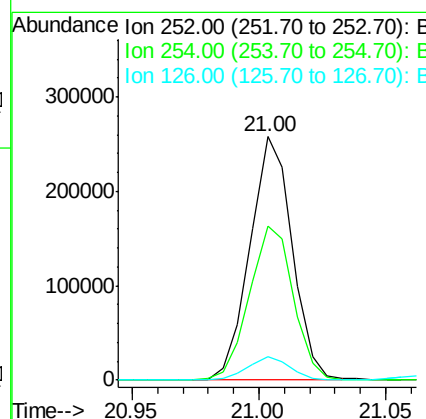
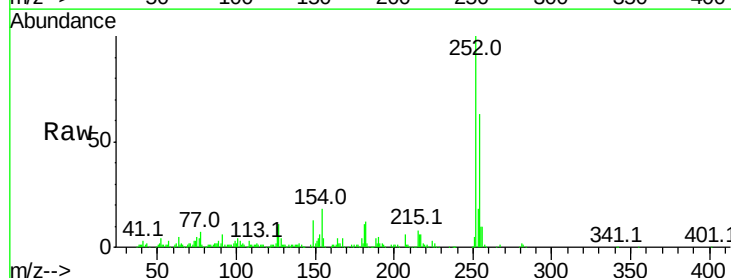
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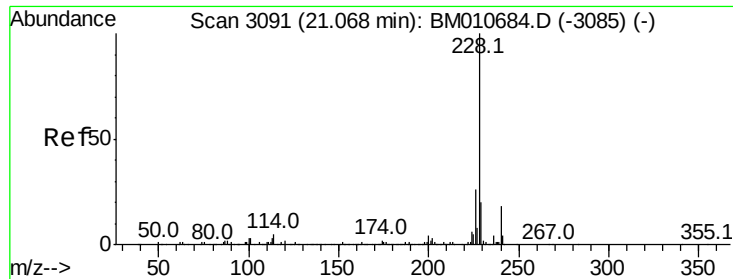
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#79
3,3'-Dichlorobenzidine
Concen: 19.38 ng/ul
RT: 21.00 min Scan# 3080
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
254	63.4	54.5	81.7	
126	9.7	5.8	8.8#	





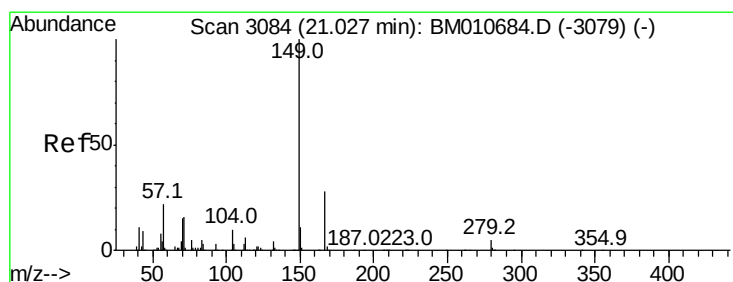
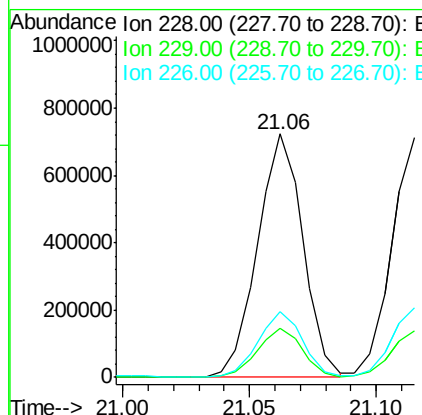
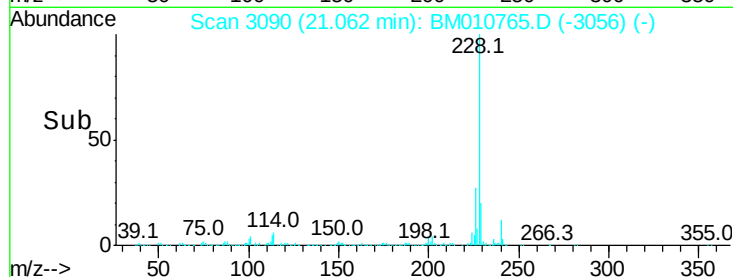
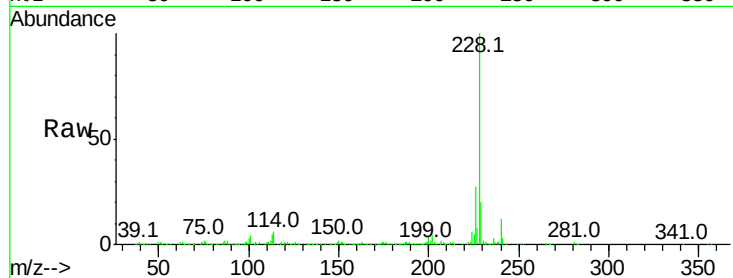
#80
Benzo(a)anthracene
Concen: 20.12 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Instrument :
BNA_M
ClientSampled :
SSTD02003

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.0
226	26.8	21.4	32.0

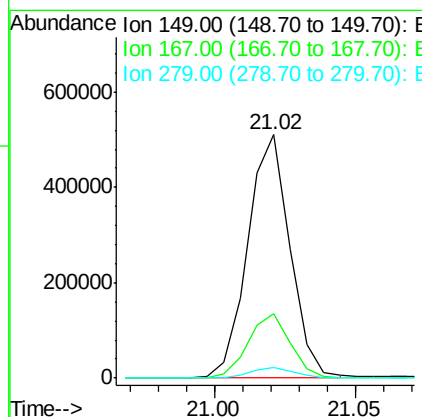
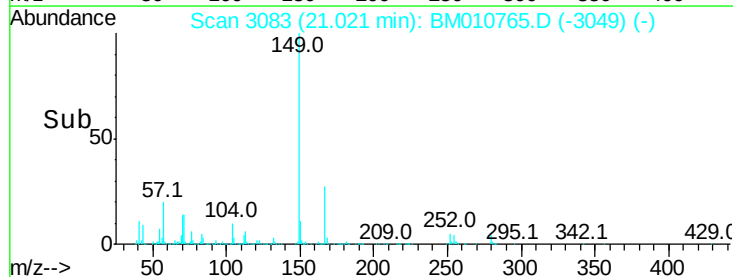
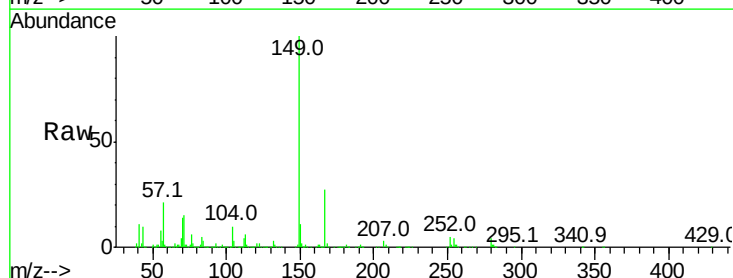
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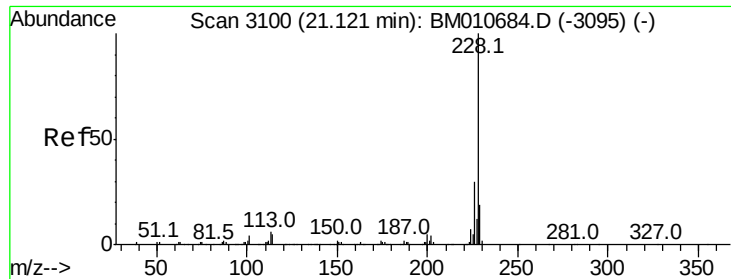
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#81
Bis(2-ethylhexyl)phthalate
Concen: 20.67 ng/ul
RT: 21.02 min Scan# 3083
Delta R.T. -0.00 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.8	34.2
279	4.5	4.9	7.3#





#82

Chrysene

Concen: 20.10 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

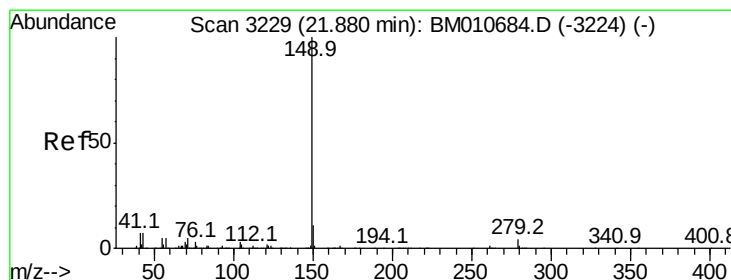
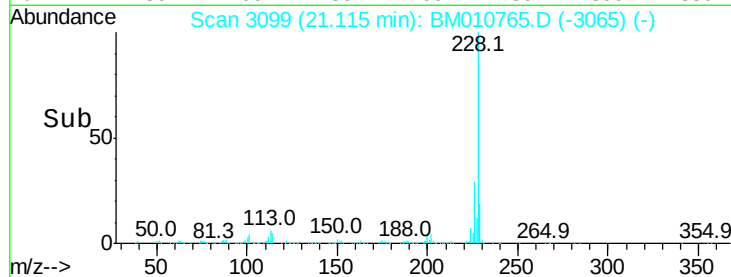
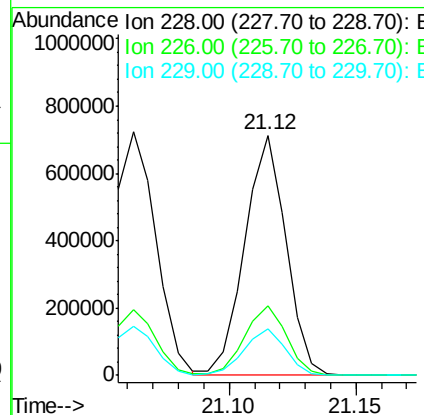
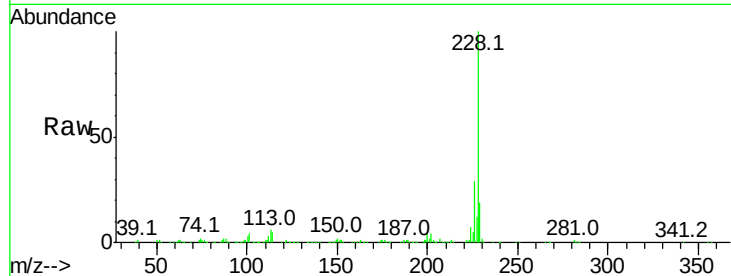
ClientSampleId :

SSTD02003

Tot Ion:	228	Resp:	806483
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.4	35.2
229	19.4	15.5	23.3

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#84

Di-n-octyl phthalate

Concen: 22.37 ng/ul

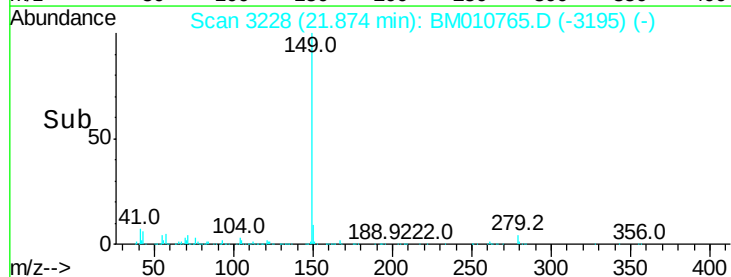
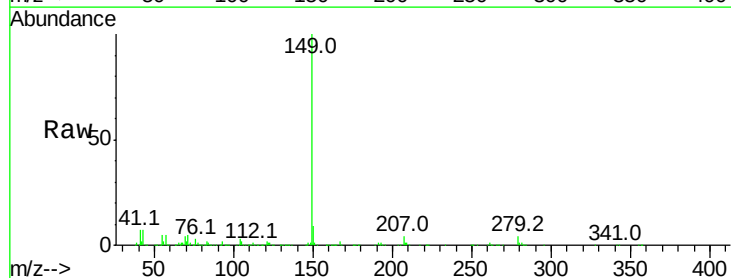
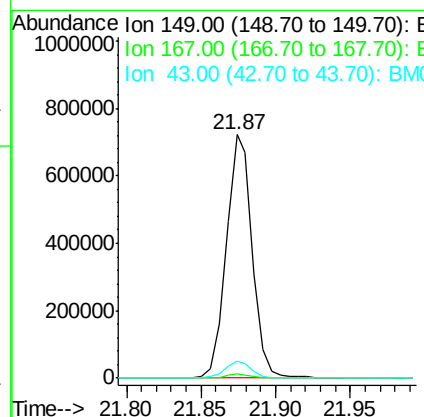
RT: 21.87 min Scan# 3228

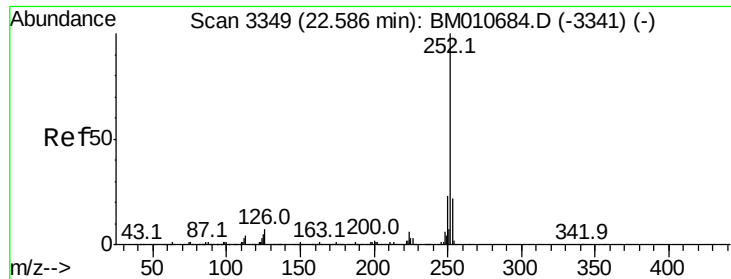
Delta R.T. -0.01 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Tgt Ion:	149	Resp:	872362
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	7.2	7.3	10.9





#85

Benzo(b)fluoranthene

Concen: 21.63 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

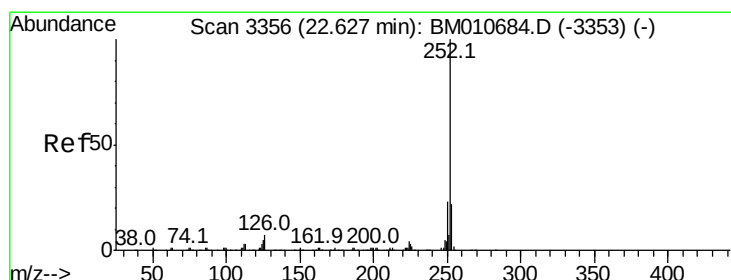
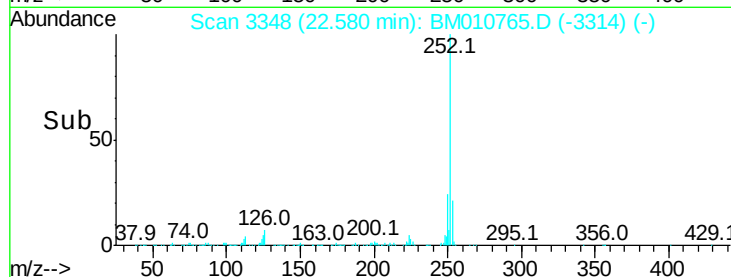
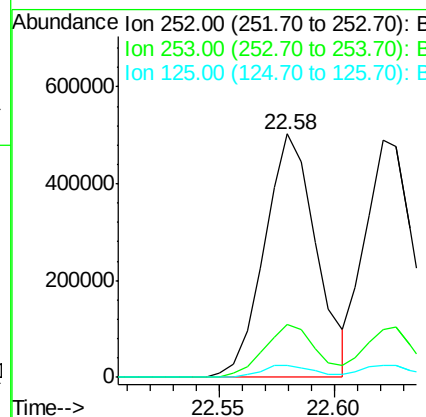
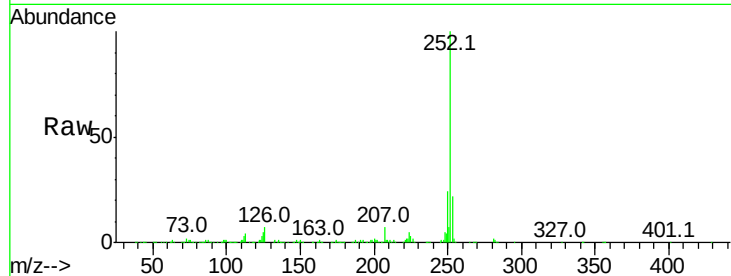
ClientSampleId :

SSTD02003

Tot Ion:	252	Resp:	783634
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.9	26.9
125	5.1	3.6	5.4

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 20.55 ng/ul

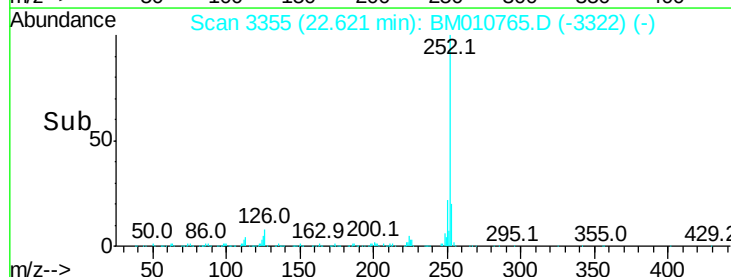
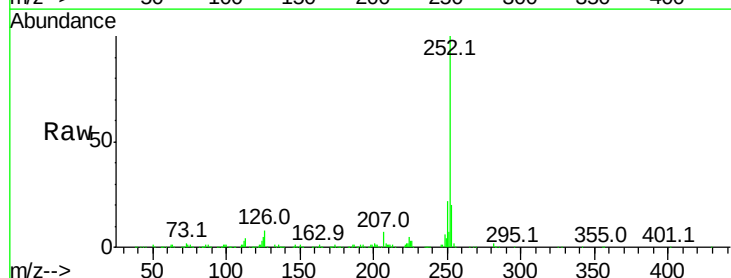
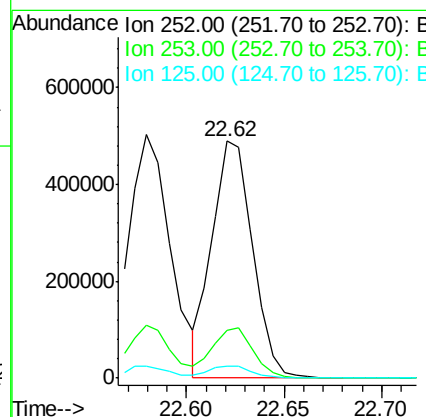
RT: 22.62 min Scan# 3355

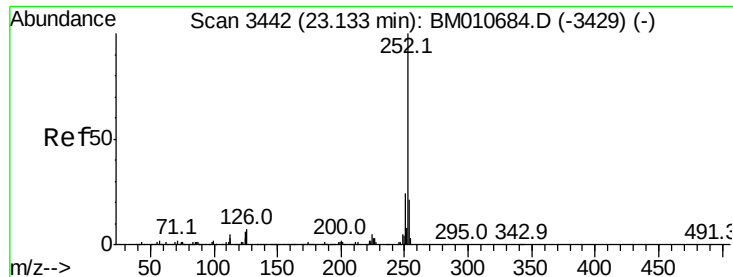
Delta R.T. -0.01 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Tgt Ion:	252	Resp:	705673
Ion Ratio	Lower	Upper	
252	100		
253	20.4	17.1	25.7
125	5.1	3.4	5.2





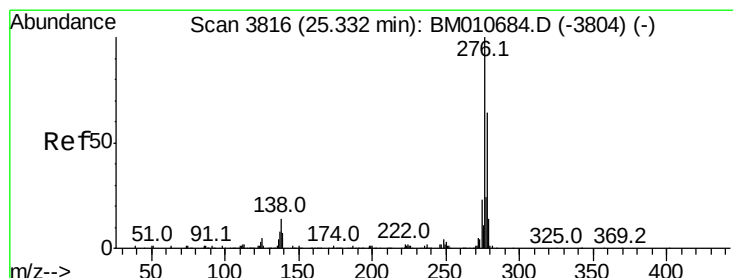
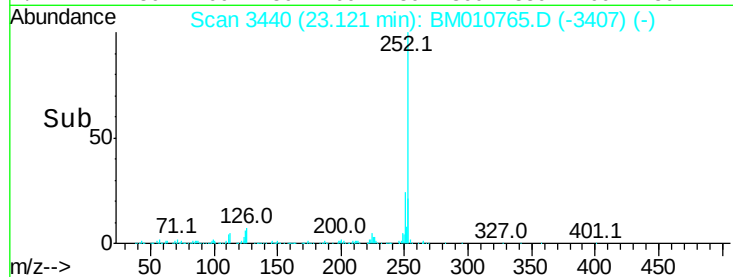
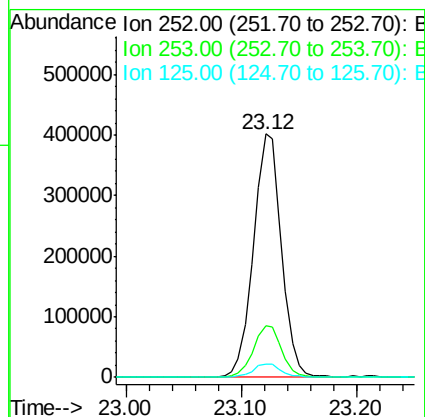
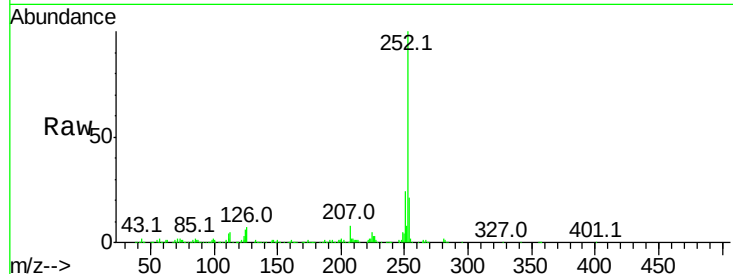
#88
Benzo(a)pyrene
Concen: 20.41 ng/ul
RT: 23.12 min Scan# 3440
Delta R.T. -0.01 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Instrument :
BNA_M
ClientSampleId :
SSTD02003

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	5.5	4.0	6.0

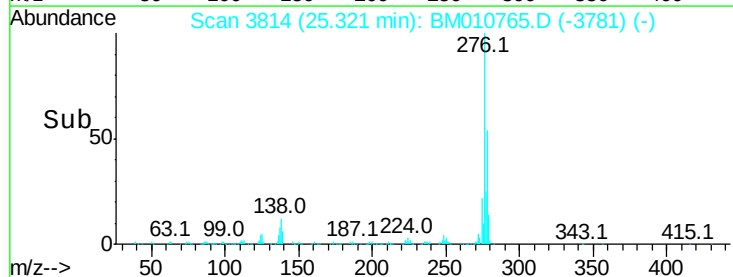
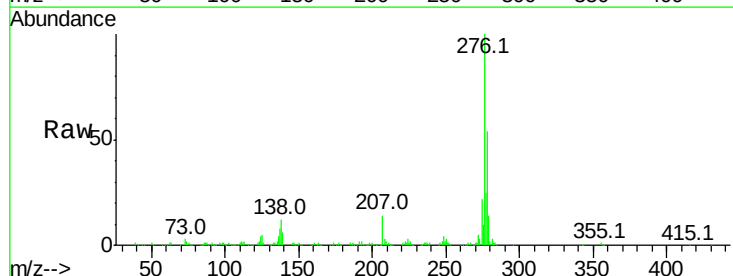
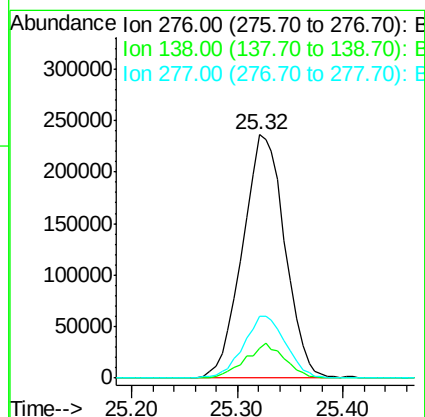
Manual Integrations
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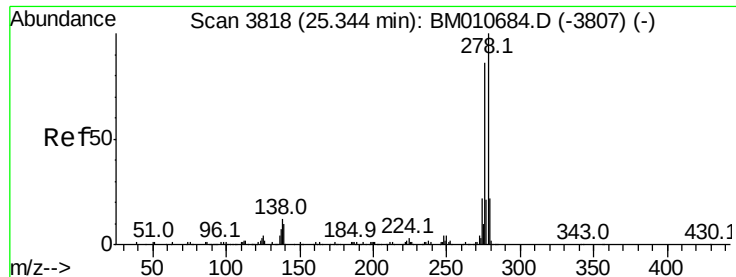
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#89
Indeno(1,2,3-cd)pyrene
Concen: 19.01 ng/ul
RT: 25.32 min Scan# 3814
Delta R.T. -0.01 min
Lab File: BM010765.D
Acq: 27 Jun 2017 03:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.3	9.3	13.9
277	25.2	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 19.08 ng/ul

RT: 25.34 min Scan# 3817

Delta R.T. -0.01 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

Instrument :

BNA_M

ClientSampleId :

SSTD02003

Tot Ion:278 Resp: 549956

Ion Ratio Lower Upper

278 100

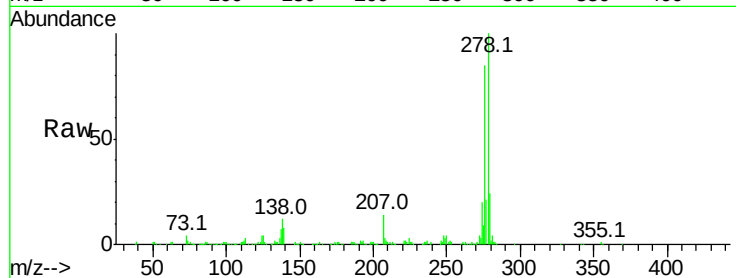
139 8.1 5.8 8.8

279 23.8 18.6 27.8

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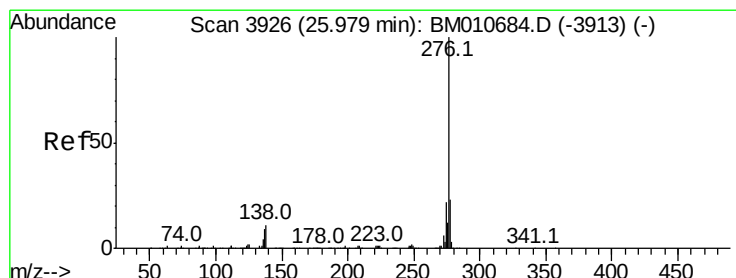
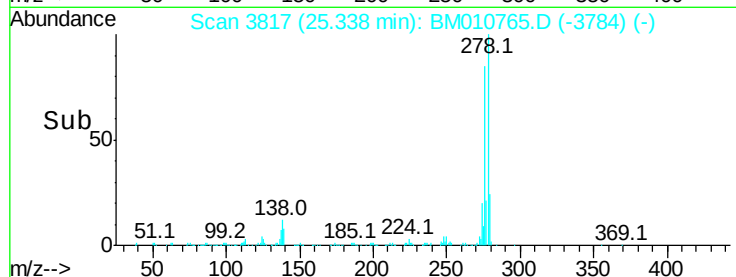
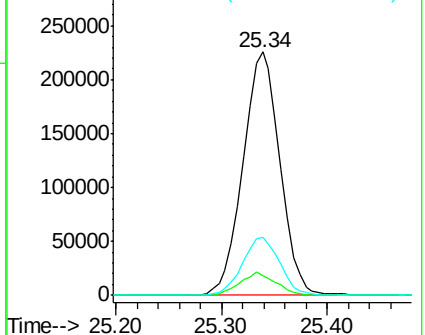
6/28/2017 7:54:47 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 19.83 ng/ul

RT: 25.97 min Scan# 3925

Delta R.T. -0.00 min

Lab File: BM010765.D

Acq: 27 Jun 2017 03:02

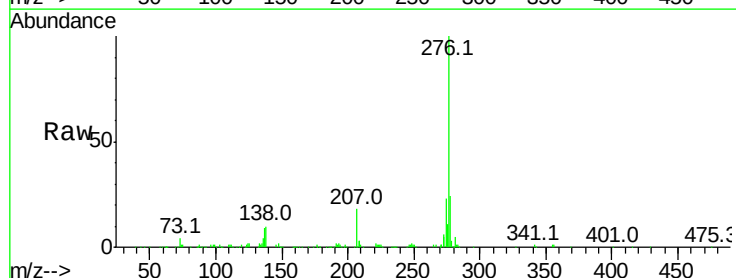
Tgt Ion:276 Resp: 546157

Ion Ratio Lower Upper

276 100

138 10.0 8.5 12.7

277 24.2 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

