

Data Path : Z:\HPCHEM1\BNA M\DATA\BM060115\
 Data File : BM001513.D
 Acq On : 01 Jun 2015 22:37
 Operator : TP/IZ
 Sample : SSTD08065
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD08065

Manual Integrations
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Quant Time: Jun 02 01:44:33 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM060115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 02 01:26:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	94397	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	363978	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	209356	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	480941	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	605071	20.00	ng/ul	0.00
83) Perylene-d12	23.55	264	599878	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	65284	33.24	ng/uL	0.00
5) Phenol-d5	6.88	99	592318	82.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	334770	76.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	471588	82.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	471012	79.16	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	205553	87.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	231063	87.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	483211	87.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	464565	72.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1229899	83.16	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1660208	82.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	230836	78.87	ng/ul	0.01
57) Fluorene-d10	15.36	176	1138203	77.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	211846	74.61	ng/ul	0.01
70) Anthracene-d10	17.22	188	1798925	81.25	ng/ul	0.00
76) Pyrene-d10	19.51	212	2092108	78.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	2199535	82.73	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.22	88	73821	33.76	ng/uL	94
4) Benzaldehyde	6.86	77	291227	76.41	ng/ul	98
6) Phenol	6.91	94	620742	82.42	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.15	93	461193	77.93	ng/ul	99
10) 2-Chlorophenol	7.28	128	489848	81.89	ng/ul	98
11) 2-Methylphenol	8.16	108	463030	79.28	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.26	45	607178	58.89	ng/ul	99
14) Acetophenone	8.54	105	744981	76.64	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.54	70	395811	84.36	ng/ul	99
16) 4-Methylphenol	8.49	108	492669	77.83	ng/ul	99
17) Hexachloroethane	8.79	117	205718	80.86	ng/ul	99
20) Nitrobenzene	8.92	77	573455	89.22	ng/ul	98
21) Isophorone	9.45	82	1034337	90.74	ng/ul	99
23) 2-Nitrophenol	9.63	139	248229	84.10	ng/ul	99
24) 2,4-Dimethylphenol	9.69	107	575848	88.61	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.93	93	595401	83.36	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	465215	86.18	ng/ul	99
28) Naphthalene	10.56	128	1485886	79.36	ng/ul	99
30) 4-Chloroaniline	10.67	127	485254	73.88	ng/ul	99
31) Hexachlorobutadiene	10.84	225	352362	95.17	ng/ul	99
32) Caprolactam	11.46	113	137658m	78.30	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	512467	87.87	ng/ul	96
34) 2-Methylnaphthalene	12.17	142	1060799	78.76	ng/ul	99

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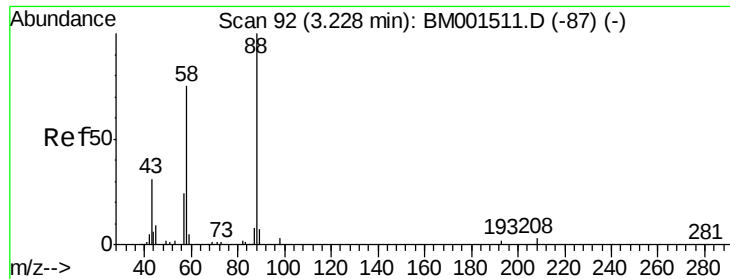
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	611900	93.28	ng/ul	95
37) Hexachlorocyclopentadiene	12.52	237	415640	105.09	ng/ul	95
38) 2,4,6-Trichlorophenol	12.79	196	373321	93.07	ng/ul	99
39) 2,4,5-Trichlorophenol	12.86	196	397047	90.39	ng/ul	99
40) 1,1'-Biphenyl	13.20	154	1357417	80.56	ng/ul	99
41) 2-Chloronaphthalene	13.24	162	1068795	81.75	ng/ul	99
42) 2-Nitroaniline	13.45	65	315210	89.69	ng/ul	94
44) Dimethylphthalate	13.83	163	1349437	81.23	ng/ul	100
45) 2,6-Dinitrotoluene	13.95	165	268212	87.91	ng/ul	100
47) Acenaphthylene	14.09	152	1700061	79.91	ng/ul	99
48) 3-Nitroaniline	14.28	138	236251	72.22	ng/ul	98
49) Acenaphthene	14.43	153	1126121	78.90	ng/ul	98
50) 2,4-Dinitrophenol	14.48	184	143945	74.93	ng/ul	93
52) 4-Nitrophenol	14.59	109	230781	89.41	ng/ul	98
53) Dibenzofuran	14.77	168	1580679	77.61	ng/ul	100
54) 2,4-Dinitrotoluene	14.74	165	392065	85.55	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.99	232	350034	92.30	ng/ul	99
56) Diethylphthalate	15.21	149	1371611	79.87	ng/ul	99
58) Fluorene	15.42	166	1343768	78.35	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.42	204	697456	82.08	ng/ul	99
60) 4-Nitroaniline	15.45	138	287703	80.75	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.50	198	229031	74.90	ng/ul	93
64) N-Nitrosodiphenylamine	15.63	169	1136001	80.64	ng/ul	99
65) 4-Bromophenyl-phenylether	16.31	248	427120	87.71	ng/ul	97
66) Hexachlorobenzene	16.42	284	460420	84.75	ng/ul	99
67) Atrazine	16.59	200	424942	81.09	ng/ul	98
68) Pentachlorophenol	16.76	266	297758	92.49	ng/ul	98
69) Phenanthrene	17.16	178	2091168	78.44	ng/ul	100
71) Anthracene	17.25	178	2156794	78.50	ng/ul	100
72) Carbazole	17.52	167	1946240	76.26	ng/ul	99
73) Di-n-butylphthalate	18.09	149	2380465	80.83	ng/ul	100
74) Fluoranthene	19.17	202	2605280	80.71	ng/ul	99
77) Pyrene	19.54	202	2727942	75.23	ng/ul	100
78) Butylbenzylphthalate	20.45	149	1159185	80.99	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.23	252	941763	80.43	ng/ul	98
80) Benzo(a)anthracene	21.29	228	2857130	80.40	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	1726638	77.62	ng/ul	99
82) Chrysene	21.34	228	2665529	80.06	ng/ul	99
84) Di-n-octyl phthalate	22.11	149	2959323	68.32	ng/ul	100
85) Benzo(b)fluoranthene	22.88	252	2982030	81.23	ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	2709146	77.38	ng/ul	98
88) Benzo(a)pyrene	23.46	252	2789073	81.08	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.84	276	3287326	88.61	ng/ul	99
90) Dibenzo(a,h)anthracene	25.86	278	2788627	89.37	ng/ul	98
91) Benzo(g,h,i)perylene	26.54	276	2750882	89.22	ng/ul	99

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



#2

1,4-Dioxane

Concen: 33.76 ng/uL

RT: 3.22 min Scan# 91

Delta R.T. -0.01 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Instrument :

BNA_M

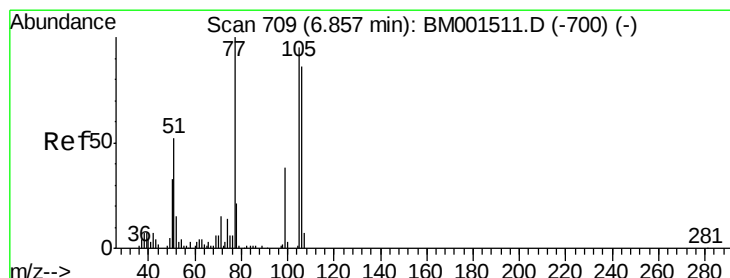
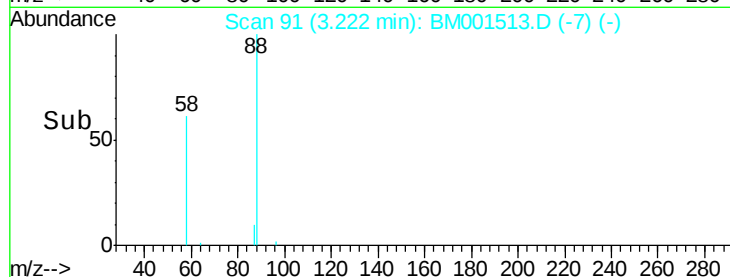
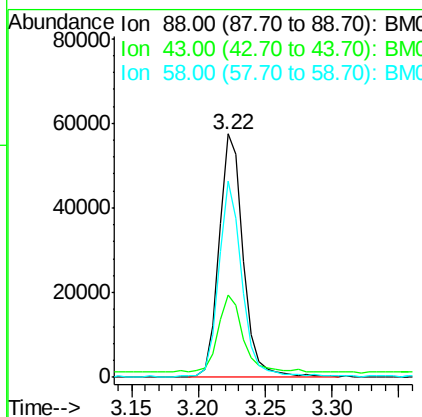
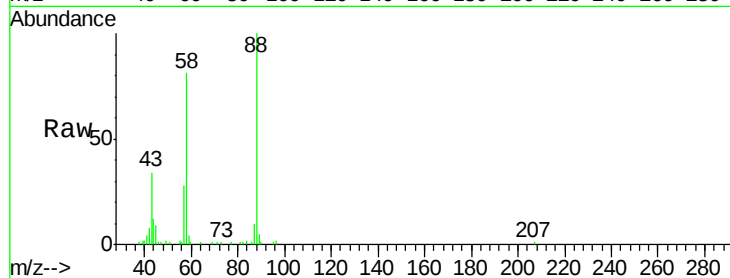
ClientSampleId :

SSTD08065

Tot Ion:	88	Resp:	73821
Ion Ratio	Lower	Upper	
88	100		
43	31.5	27.2	40.8
58	76.4	65.8	98.8

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#4

Benzaldehyde

Concen: 76.41 ng/uL

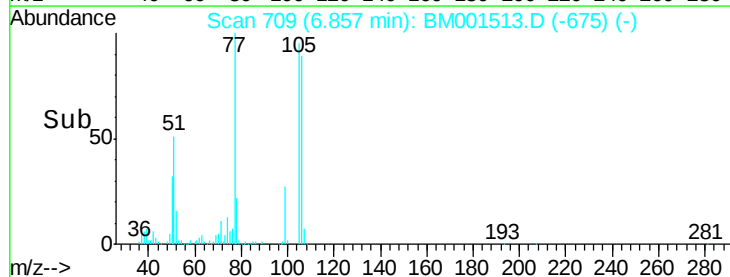
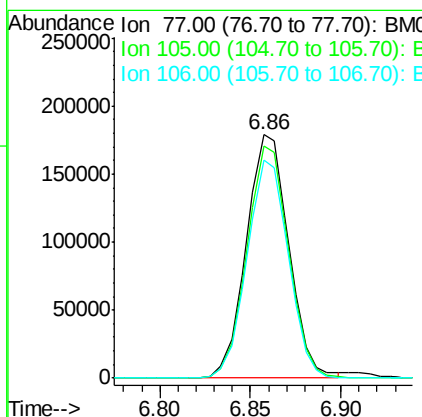
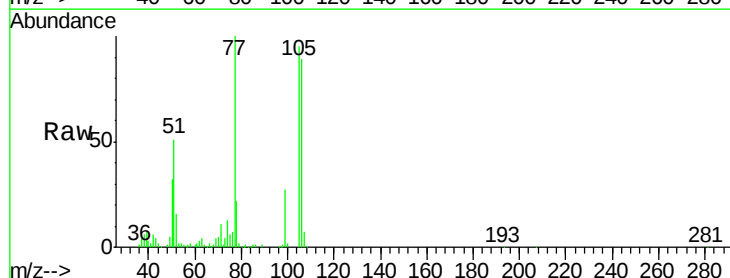
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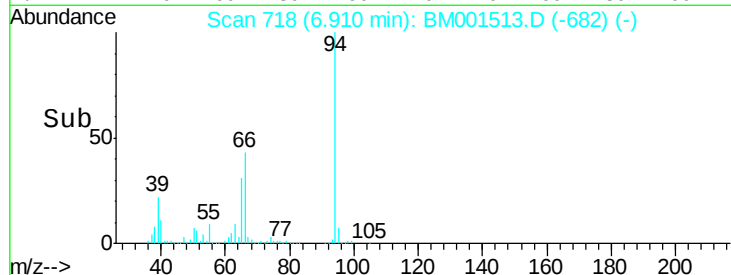
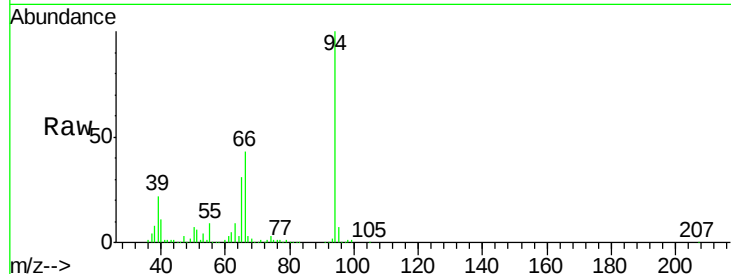
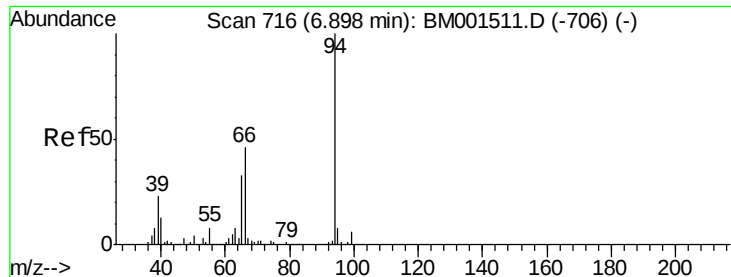
Delta R.T. -0.00 min

Lab File: BM001513.D

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Tgt Ion:	77	Resp:	291227
Ion Ratio	Lower	Upper	
77	100		
105	95.4	75.8	113.6
106	89.5	68.5	102.7





#6

Phenol

Concen: 82.42 ng/ul

RT: 6.91 min Scan# 718

Delta R.T. 0.01 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Tot Ion:	94	Resp:	620742
Ion Ratio	Lower	Upper	
94	100		
65	31.4	26.0	39.0
66	43.4	36.5	54.7

Instrument :

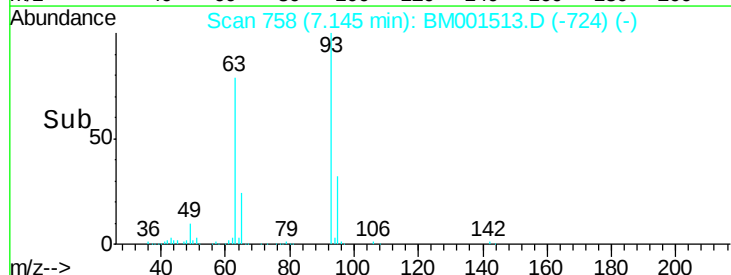
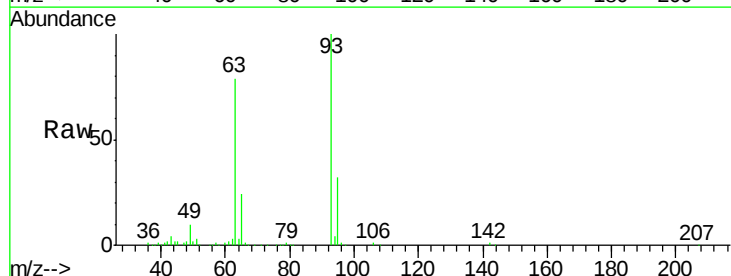
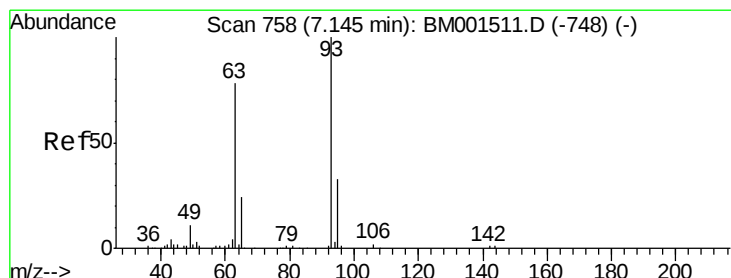
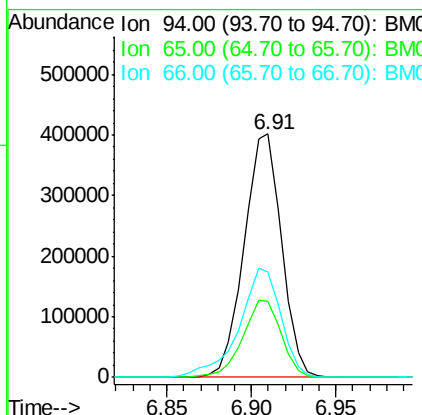
BNA_M

ClientSampleId :

SSTD08065

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#8

Bis(2-Chloroethyl)ether

Concen: 77.93 ng/ul

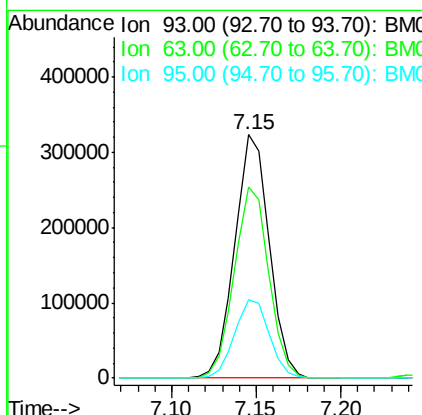
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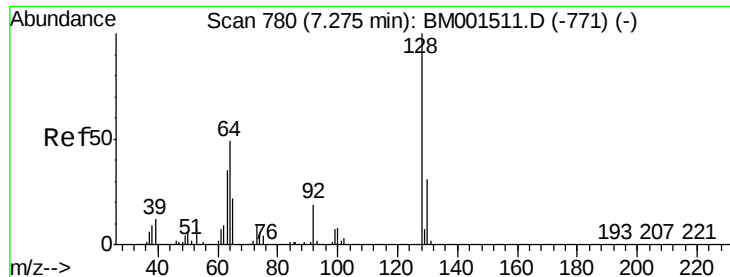
Delta R.T. -0.00 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Tgt Ion:	93	Resp:	461193
Ion Ratio	Lower	Upper	
93	100		
63	78.7	62.0	93.0
95	32.4	26.0	39.0





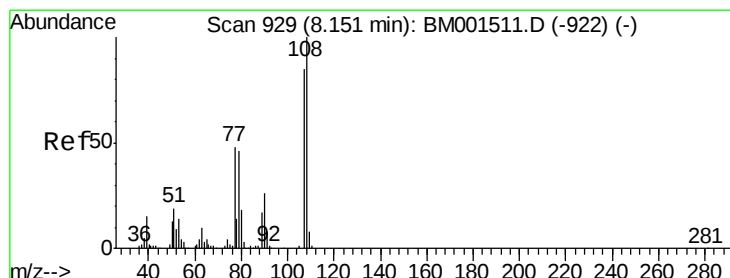
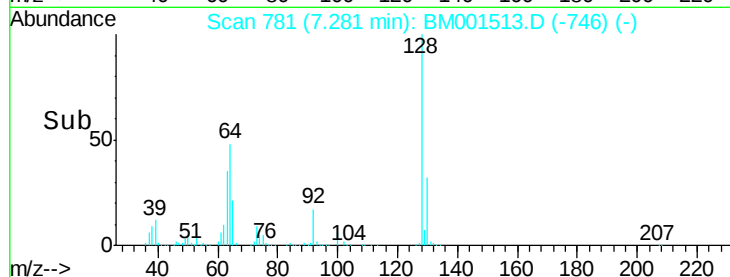
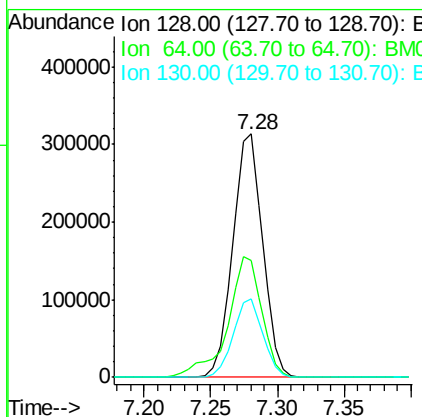
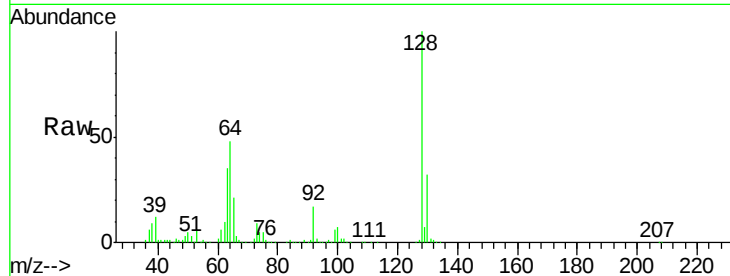
#10
2-Chlorophenol
Concen: 81.89 ng/ul
RT: 7.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
128	100	489848		
64	47.9	39.6	59.4	
130	32.1	24.7	37.1	

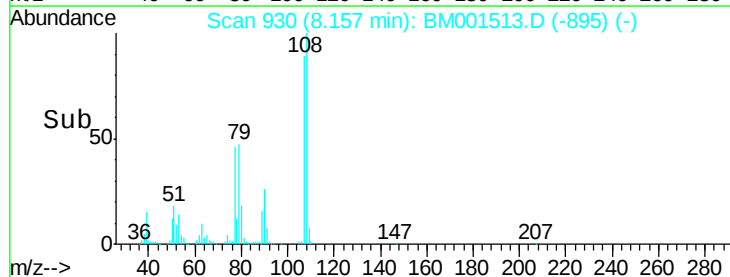
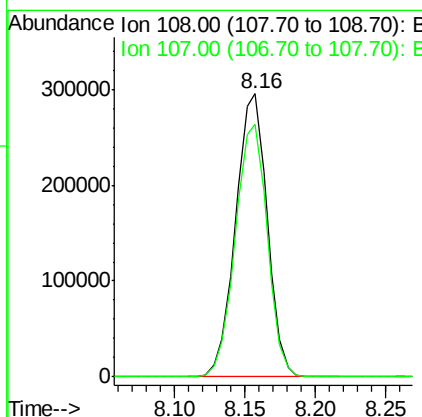
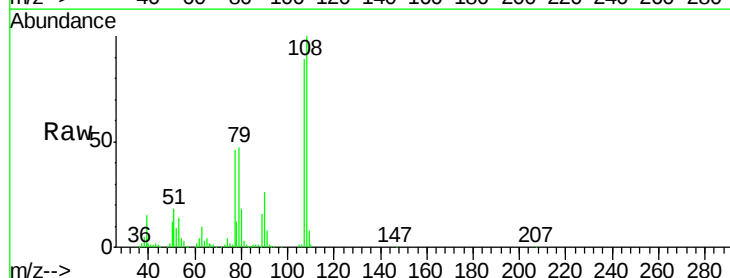
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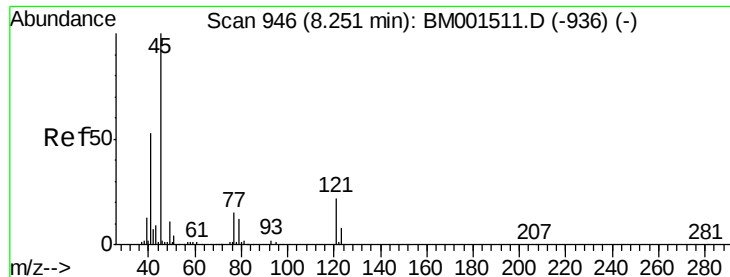
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#11
2-Methylphenol
Concen: 79.28 ng/ul
RT: 8.16 min Scan# 930
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	463030		
107	89.1	68.3	102.5	





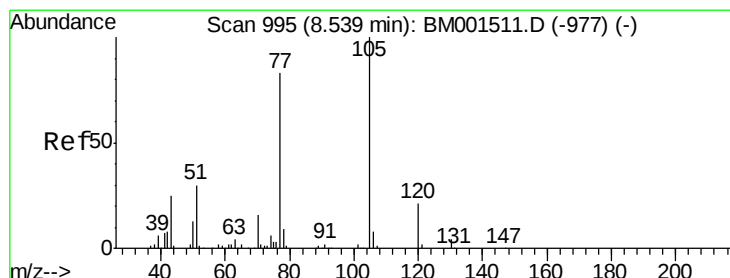
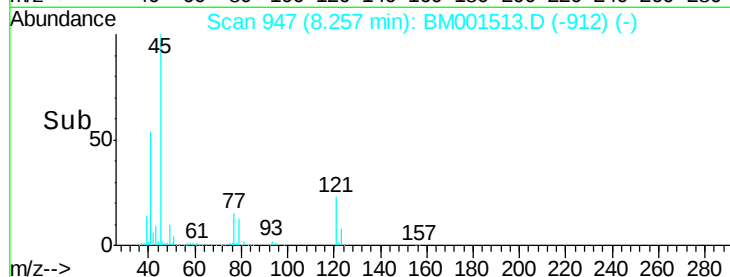
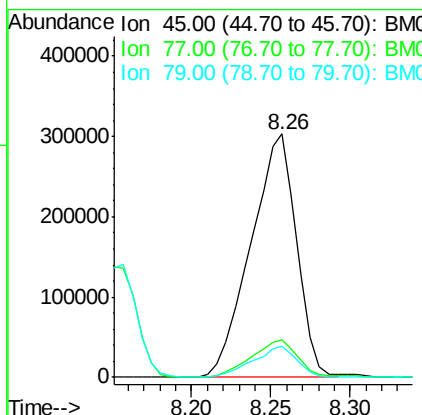
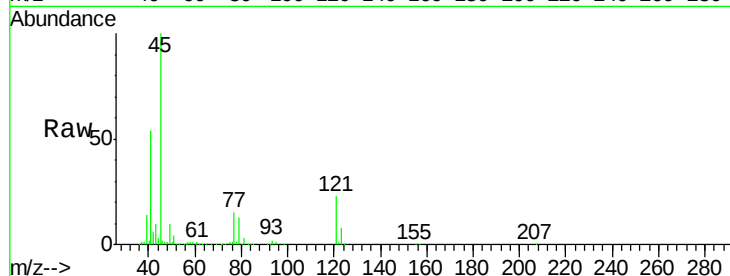
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 58.89 ng/ul
RT: 8.26 min Scan# 947
Delta R.T. 0.01 min
Lab File: BM001513.D
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Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	15.3	12.0	18.0
79	12.7	10.0	15.0

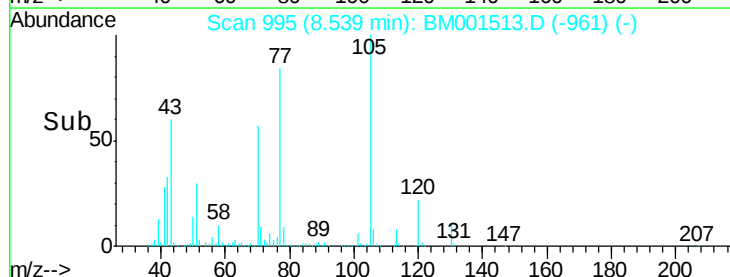
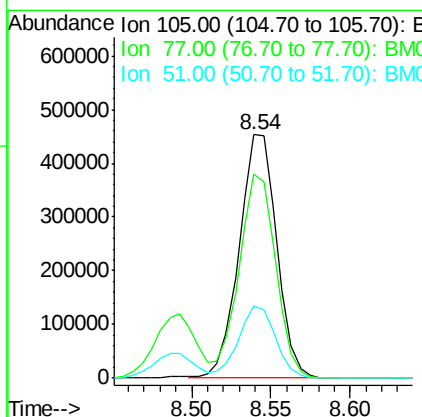
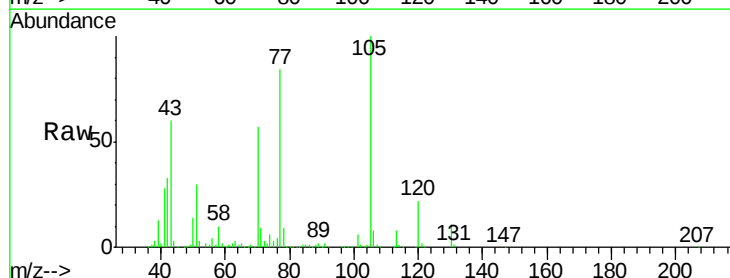
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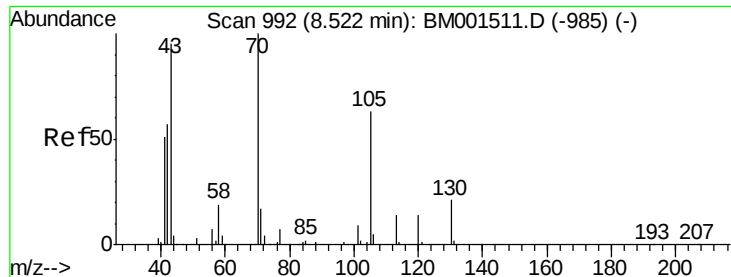
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#14
Acetophenone
Concen: 76.64 ng/ul
RT: 8.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
77	84.0	66.5	99.7
51	29.9	24.3	36.5





#15

N-Nitroso-di-n-propylamine

Concen: 84.36 ng/ul

RT: 8.54 min Scan# 995

Delta R.T. 0.02 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Instrument :

BNA_M

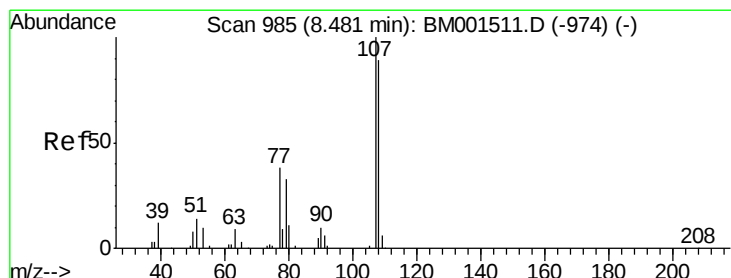
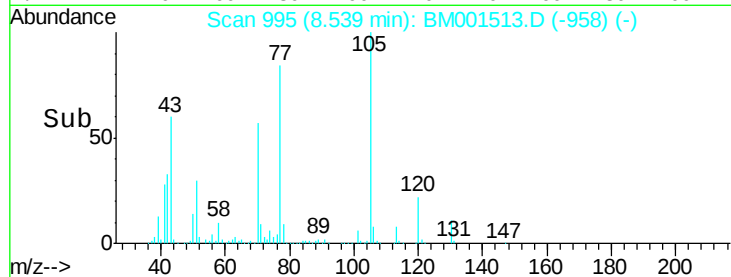
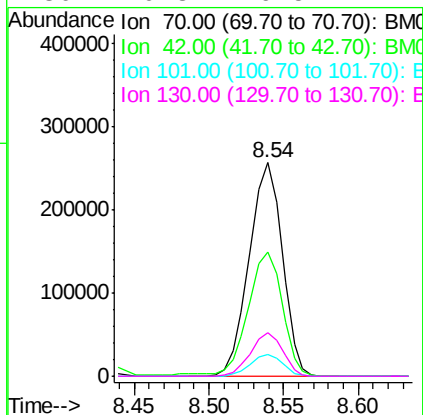
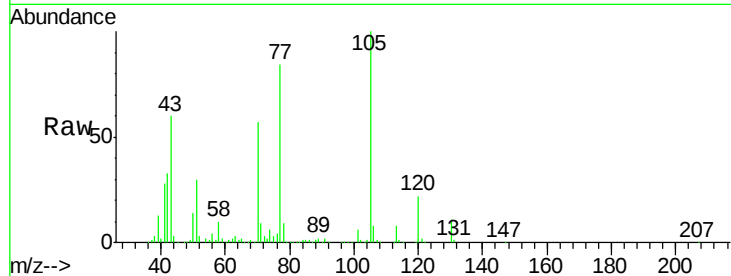
ClientSampleId :

SSTD08065

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.2	47.4	71.0	
101	10.3	7.2	10.8	
130	20.3	16.5	24.7	

Manual Integrations
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#16

4-Methylphenol

Concen: 77.83 ng/ul

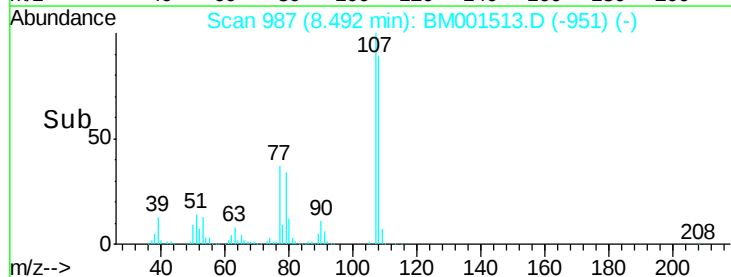
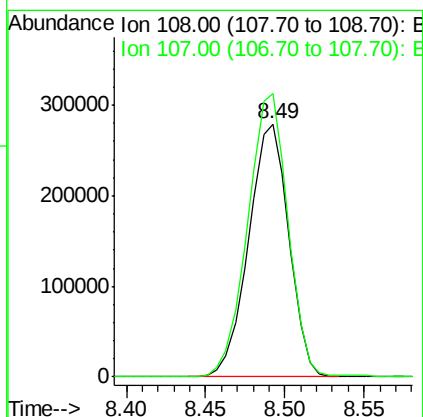
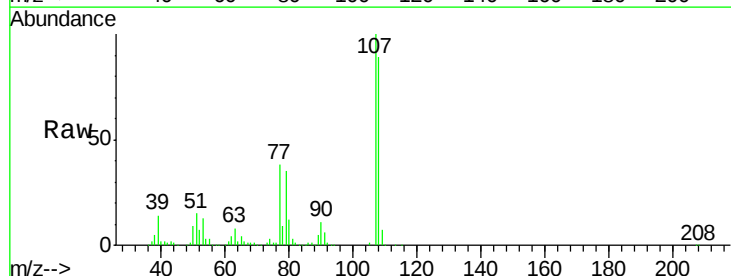
RT: 8.49 min Scan# 987

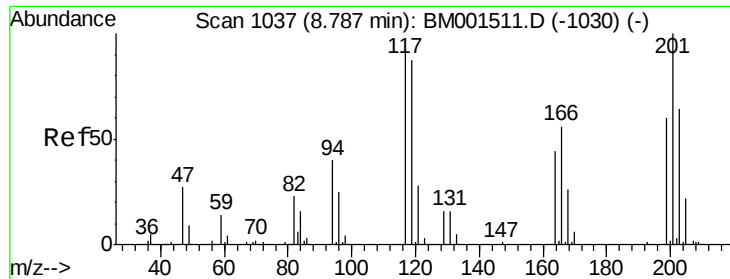
Delta R.T. 0.01 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	111.8	90.4	135.6	





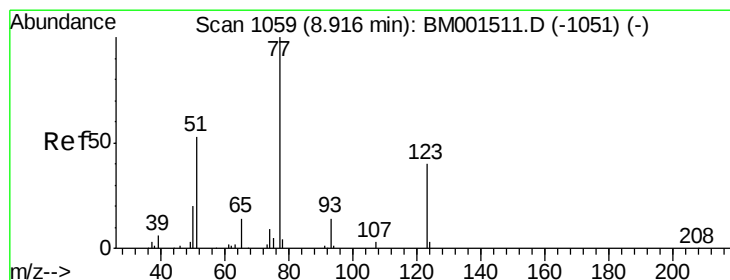
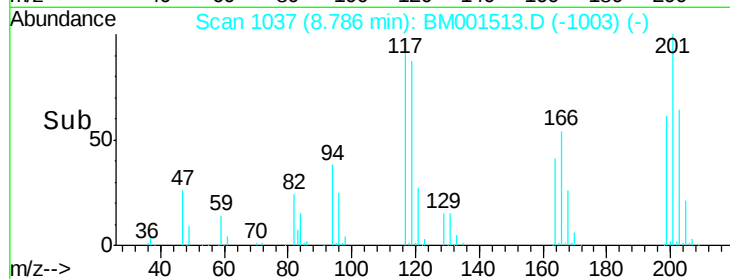
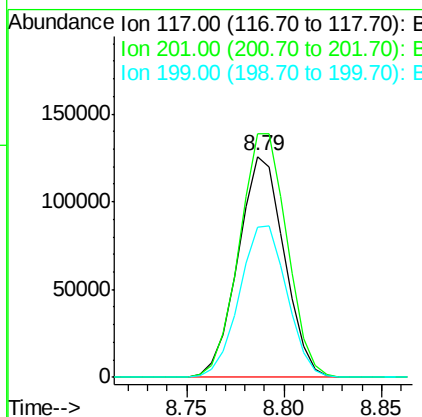
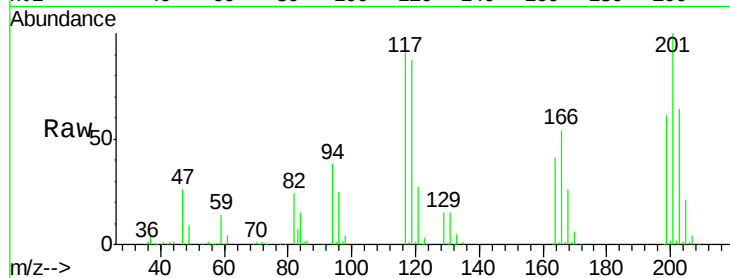
#17
Hexachloroethane
Concen: 80.86 ng/ul
RT: 8.79 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Resp	Lower	Upper
117	100	205718		
201	110.2	88.1	132.1	
199	67.8	52.4	78.6	

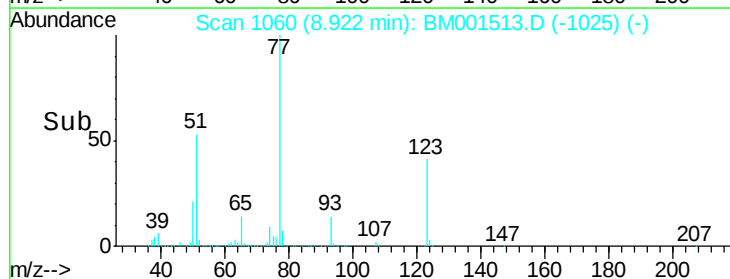
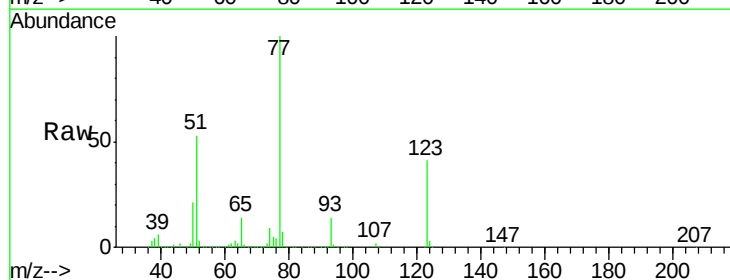
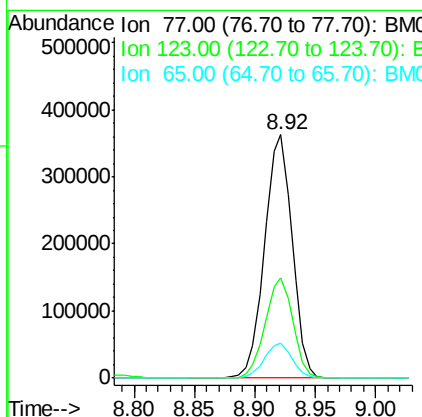
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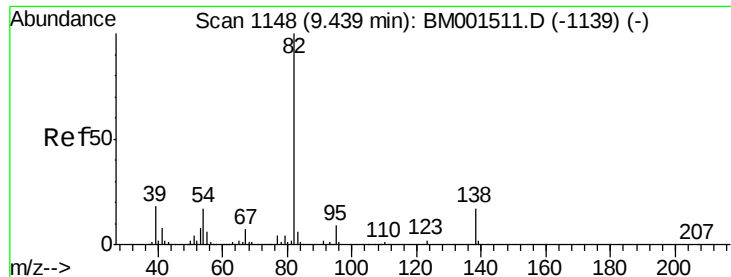
apatel
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#20
Nitrobenzene
Concen: 89.22 ng/ul
RT: 8.92 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	573455		
123	41.2	32.2	48.2	
65	14.4	11.1	16.7	





#21

Isophorone

Concen: 90.74 ng/ul

RT: 9.45 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Instrument :

BNA_M

ClientSampleId :

SSTD08065

Tot Ion: 82 Resp: 1034337

Ion Ratio Lower Upper

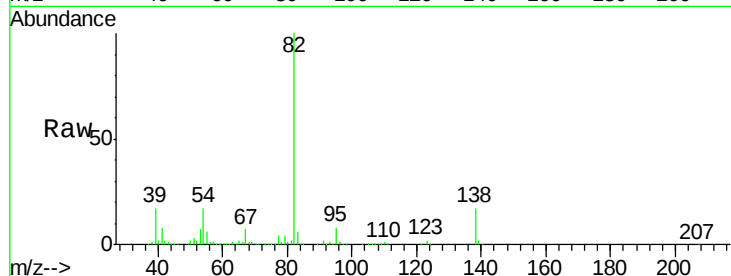
82 100

95 8.3 7.0 10.4

138 16.8 13.8 20.6

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Abundance Ion 82.00 (81.70 to 82.70): BM001513.D (-1148) (-)

Ion 95.00 (94.70 to 95.70): BM001513.D (-1148) (-)

Ion 138.00 (137.70 to 138.70): BM001513.D (-1148) (-)

9.45

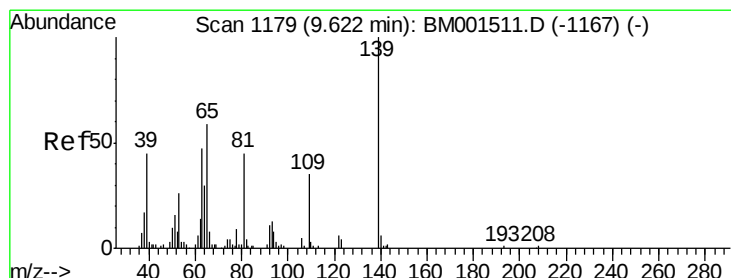
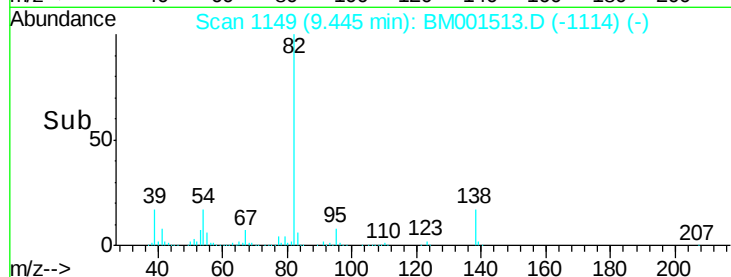
600000

400000

200000

0

Time-->



#23

2-Nitrophenol

Concen: 84.10 ng/ul

RT: 9.63 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

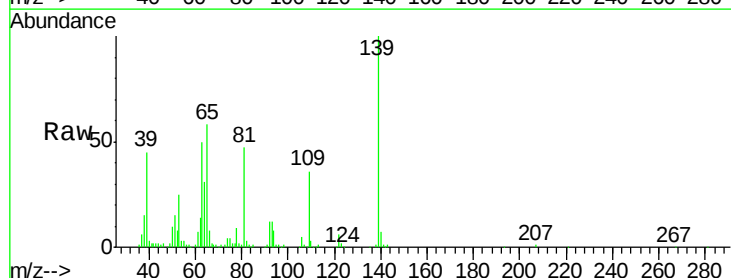
Tgt Ion: 139 Resp: 248229

Ion Ratio Lower Upper

139 100

65 58.2 46.8 70.2

109 36.3 28.3 42.5



Abundance Ion 139.00 (138.70 to 139.70): BM001513.D (-1180) (-)

Ion 65.00 (64.70 to 65.70): BM001513.D (-1180) (-)

Ion 109.00 (108.70 to 109.70): BM001513.D (-1180) (-)

9.63

200000

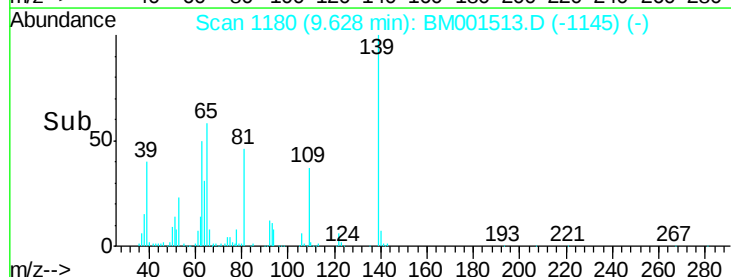
150000

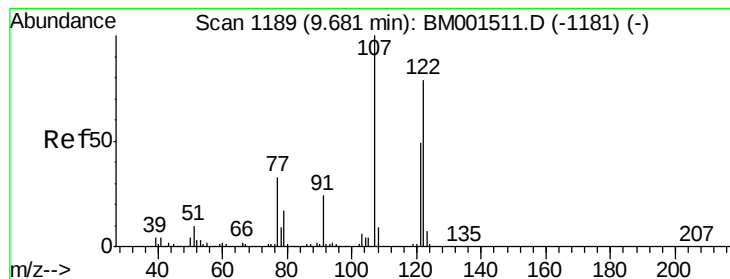
100000

50000

0

Time-->





#24

2,4-Dimethylphenol

Concen: 88.61 ng/ul

RT: 9.69 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Instrument :

BNA_M

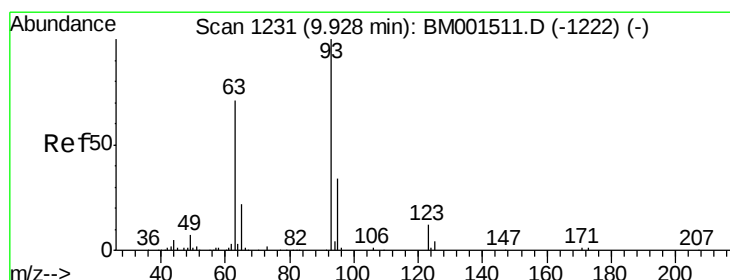
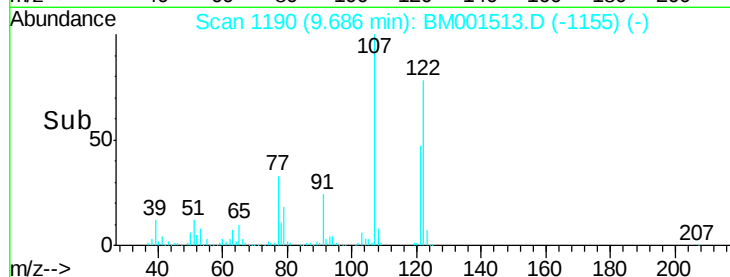
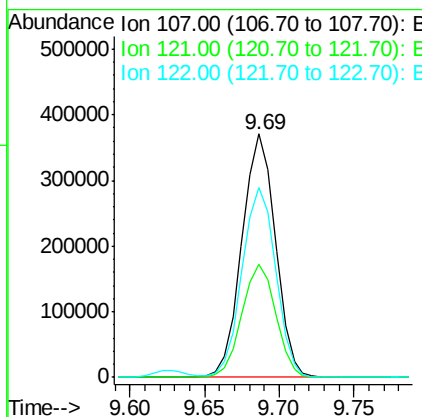
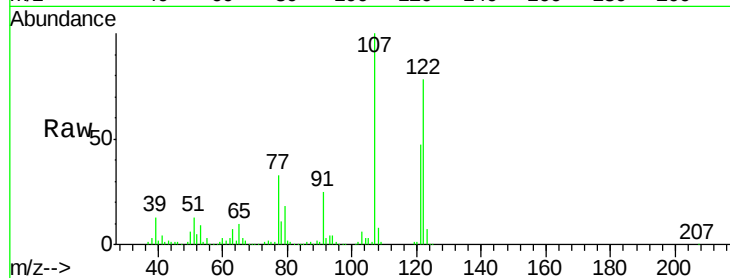
ClientSampleID :

SSTD08065

Tot Ion:	107	Resp:	575848
Ion Ratio	Lower	Upper	
107	100		
121	46.5	39.0	58.6
122	77.7	64.6	97.0

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#25

Bis(2-Chloroethoxy)methane

Concen: 83.36 ng/ul

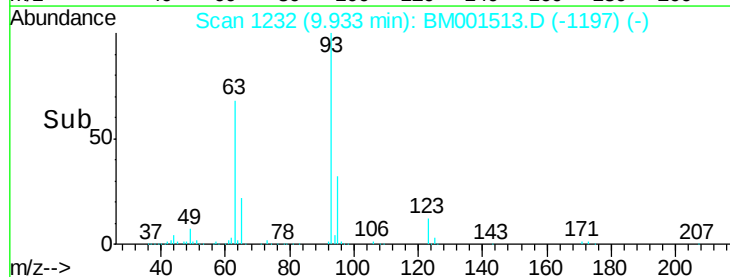
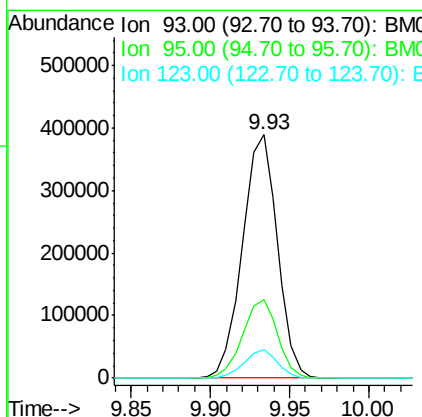
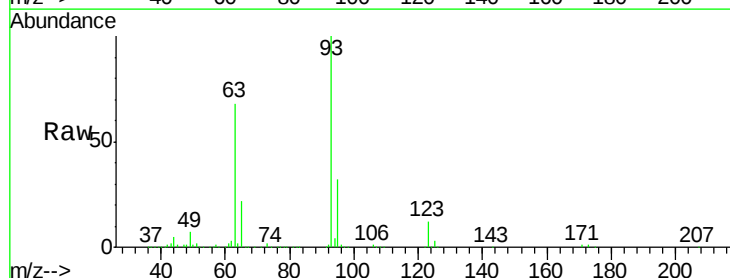
RT: 9.93 min Scan# 1232

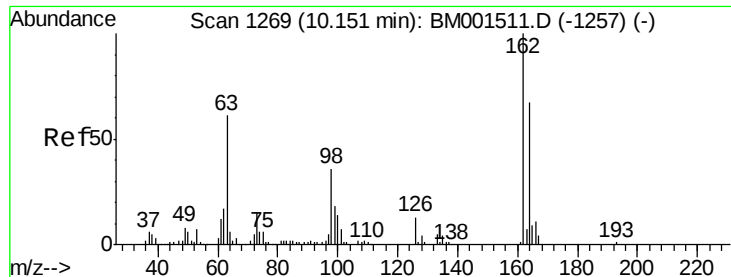
Delta R.T. 0.01 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Tgt Ion:	93	Resp:	595401
Ion Ratio	Lower	Upper	
93	100		
95	32.3	27.2	40.8
123	11.7	9.2	13.8





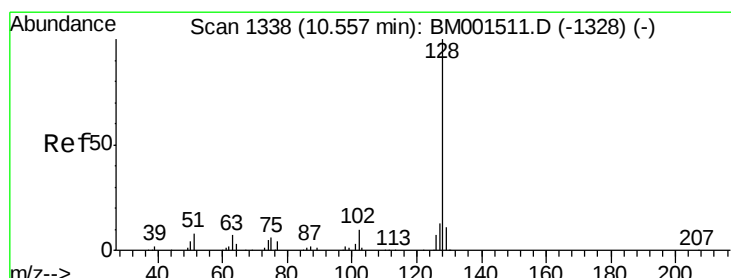
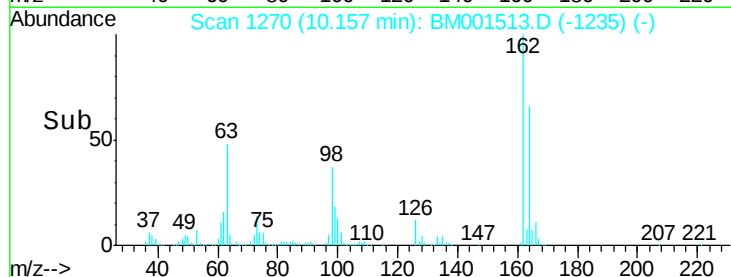
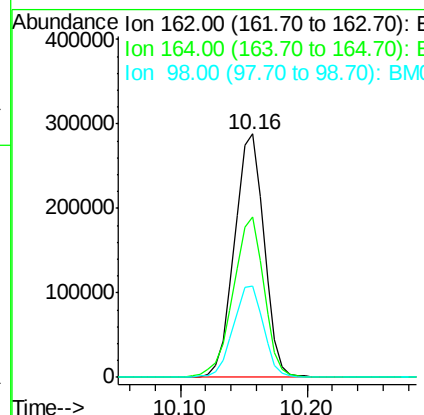
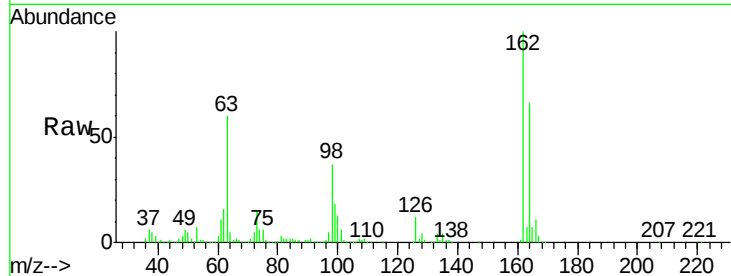
#27
 2,4-Dichlorophenol
 Concen: 86.18 ng/ul
 RT: 10.16 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: BM001513.D
 Acq: 01 Jun 2015 22:37

Instrument :
 BNA_M
 ClientSampleId :
 SST08065

Tot Ion	Ratio	Resp	Lower	Upper
162	100	465215		
164	65.7	53.3	79.9	
98	37.5	29.5	44.3	

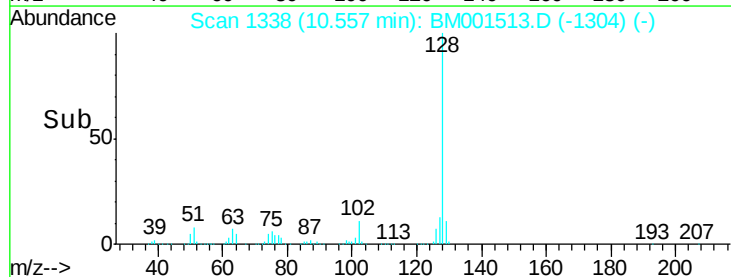
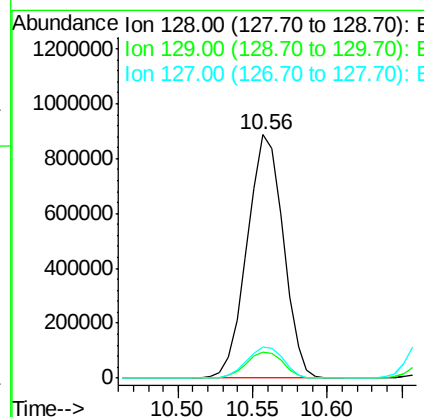
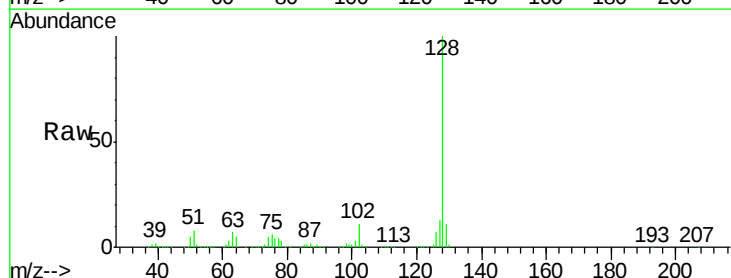
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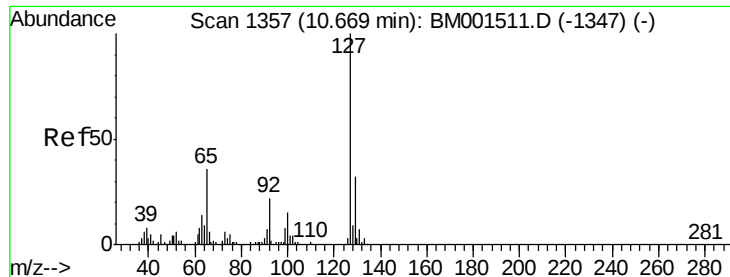
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#28
 Naphthalene
 Concen: 79.36 ng/ul
 RT: 10.56 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BM001513.D
 Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1485886		
129	10.7	8.9	13.3	
127	13.0	10.2	15.2	





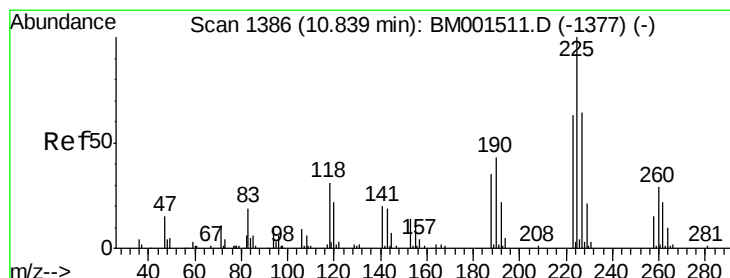
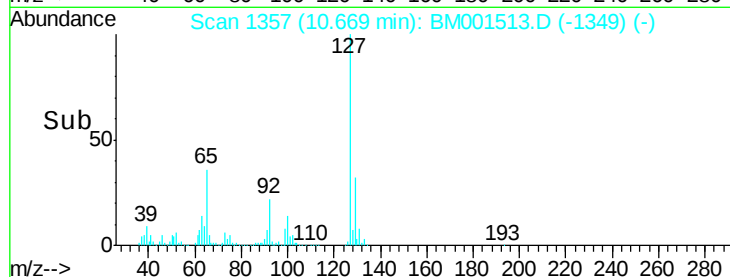
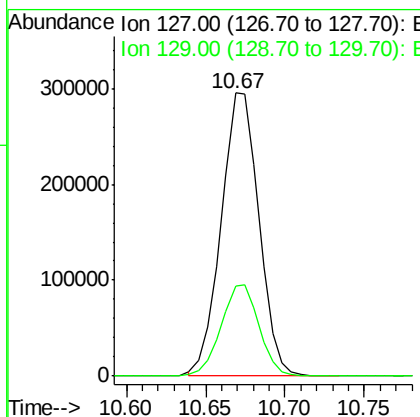
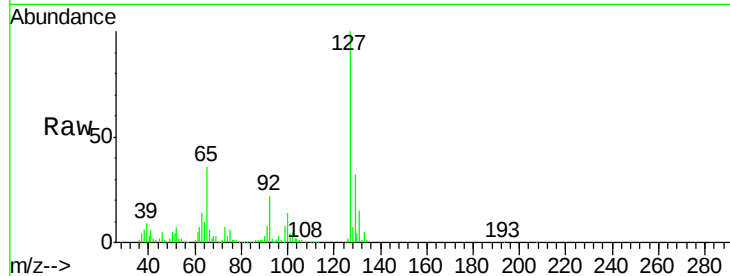
#30
4-Chloroaniline
Concen: 73.88 ng/ul
RT: 10.67 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9

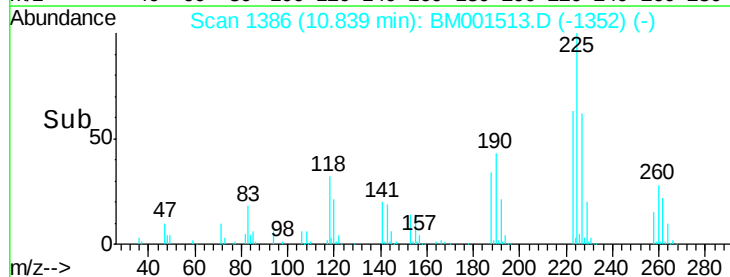
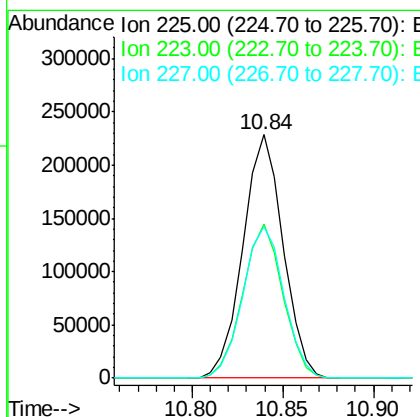
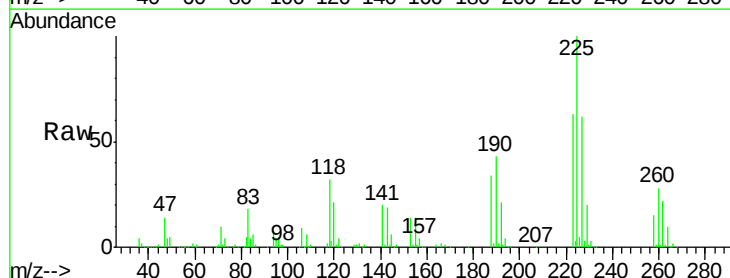
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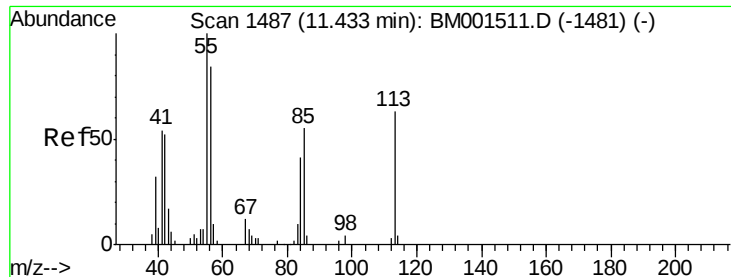
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#31
Hexachlorobutadiene
Concen: 95.17 ng/ul
RT: 10.84 min Scan# 1386
Delta R.T. -0.00 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.7	76.1
227	62.2	51.3	76.9





#32

Caprolactam

Concen: 78.30 ng/ul m

RT: 11.46 min Scan# 1491

Delta R.T. 0.02 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Instrument :

BNA_M

ClientSampleId :

SSTD08065

Tot Ion:113 Resp: 137658

Ion Ratio Lower Upper

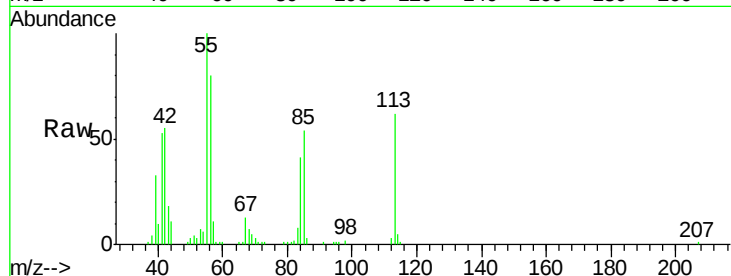
113 100

55 161.1 133.1 199.7

56 129.2 110.2 165.2

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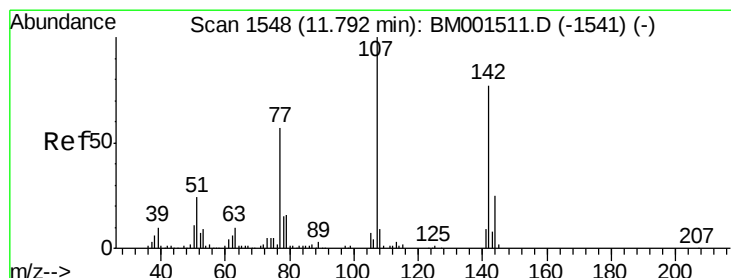
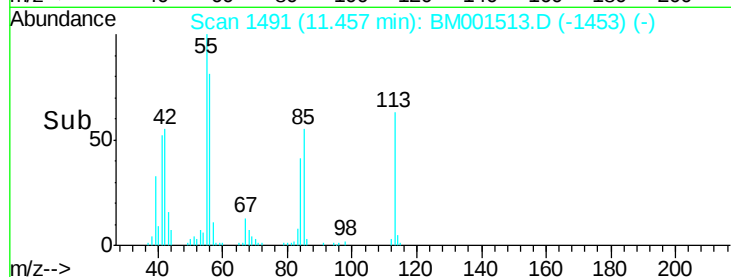
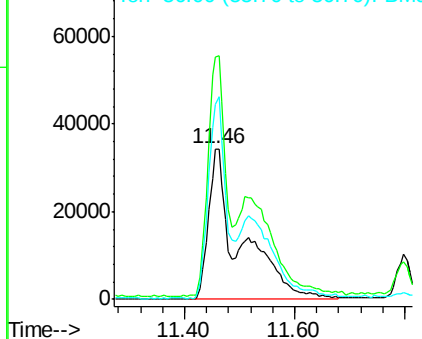
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 87.87 ng/ul

RT: 11.80 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

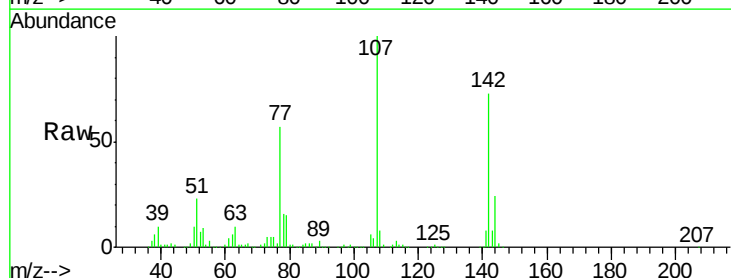
Tgt Ion:107 Resp: 512467

Ion Ratio Lower Upper

107 100

144 23.9 19.8 29.8

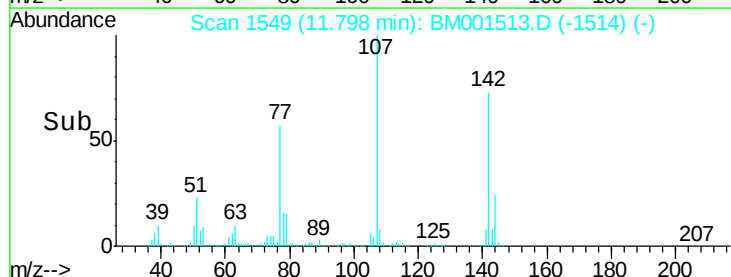
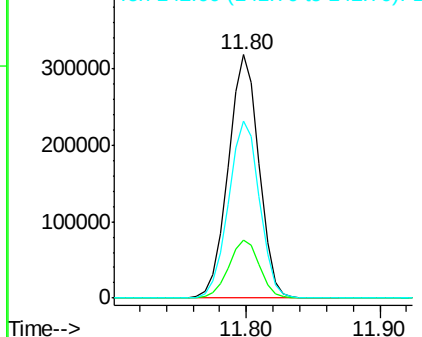
142 72.7 61.4 92.2

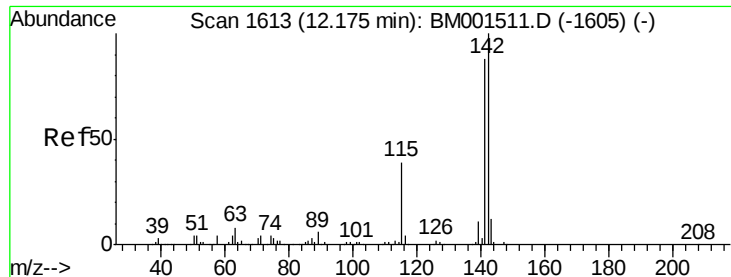


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 78.76 ng/ul

RT: 12.17 min Scan# 1613

Delta R.T. -0.00 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Instrument :

BNA_M

ClientSampleId :

SSTD08065

Tot Ion:142 Resp: 1060799

Ion Ratio Lower Upper

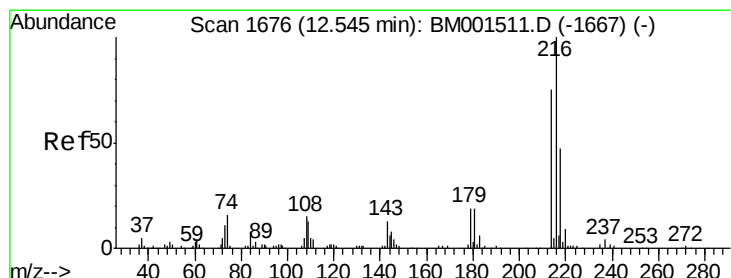
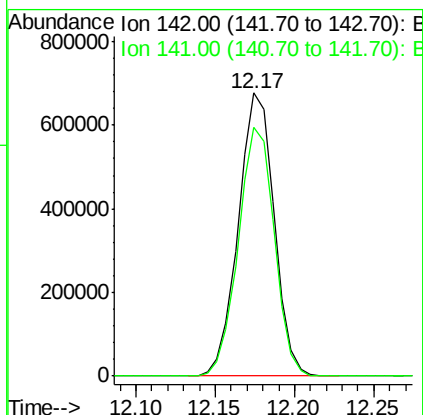
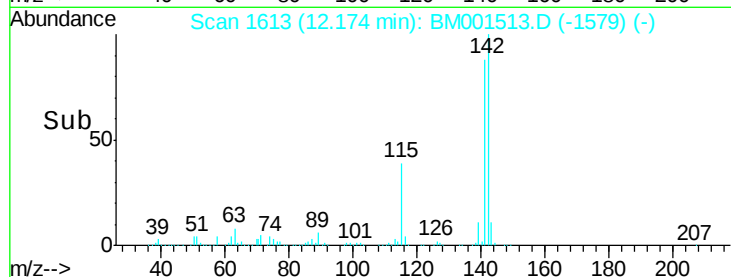
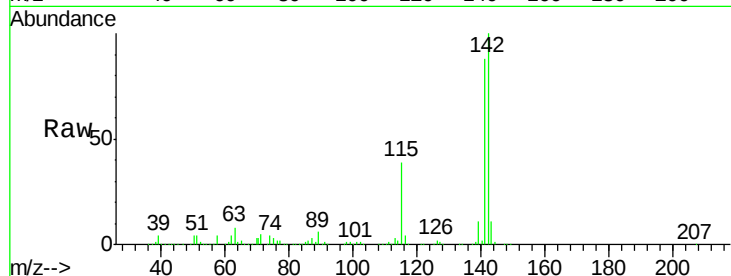
142 100

141 87.7 70.6 105.8

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#36

1,2,4,5-Tetrachlorobenzene

Concen: 93.28 ng/ul

RT: 12.55 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Tgt Ion:216 Resp: 611900

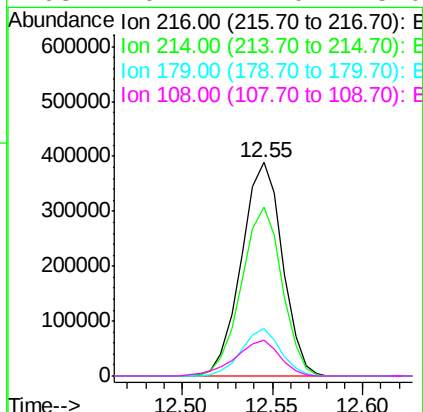
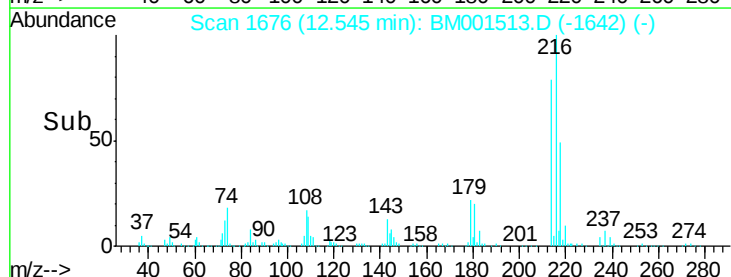
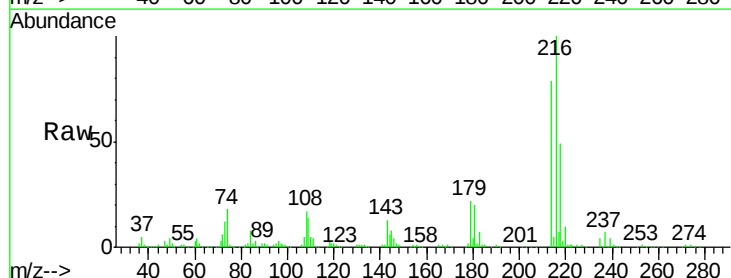
Ion Ratio Lower Upper

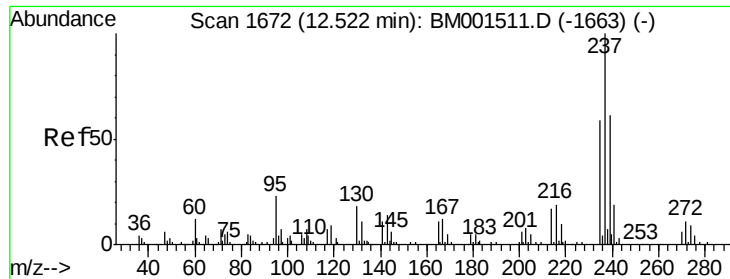
216 100

214 79.2 59.8 89.6

179 21.9 15.1 22.7

108 16.7 12.0 18.0





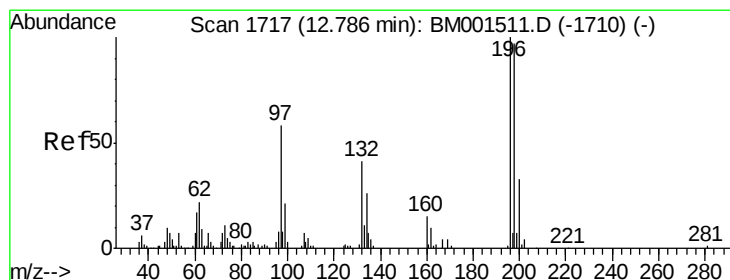
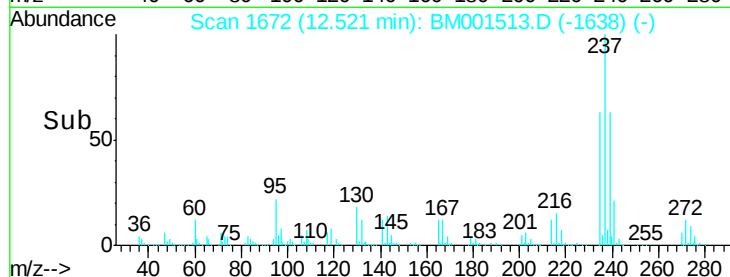
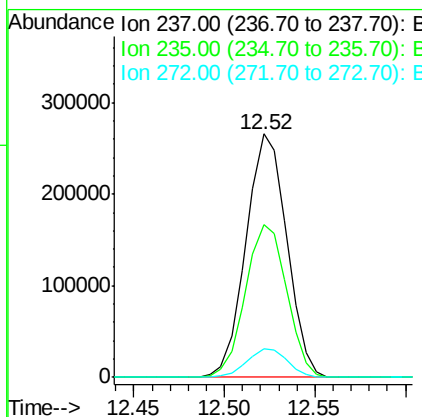
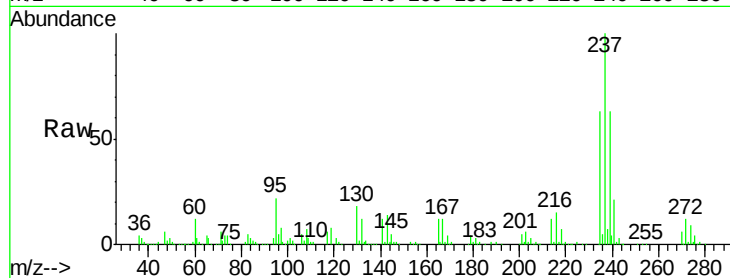
#37
Hexachlorocyclopentadiene
Concen: 105.09 ng/ul
RT: 12.52 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.9	47.1	70.7	
272	11.9	9.0	13.6	

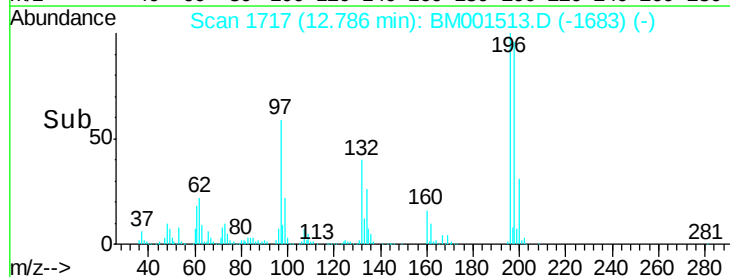
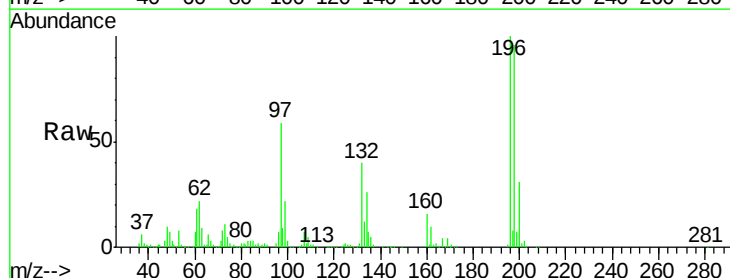
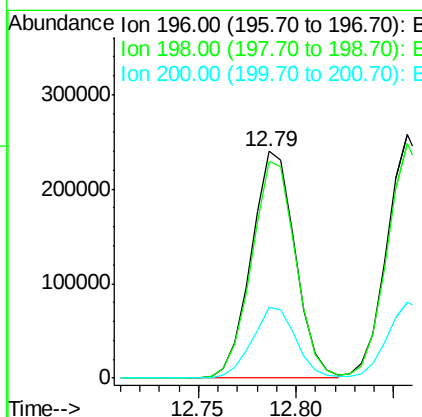
Manual Integrations
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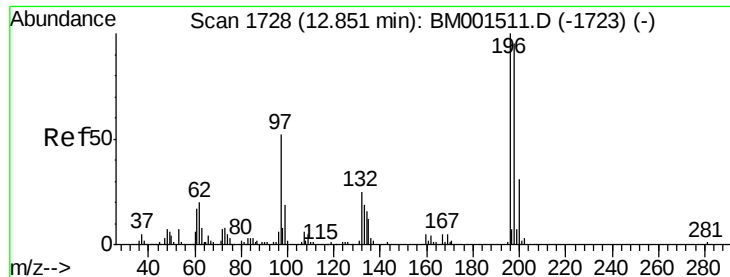
apatel
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#38
2,4,6-Trichlorophenol
Concen: 93.07 ng/ul
RT: 12.79 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.8	77.6	116.4	
200	31.5	26.2	39.4	





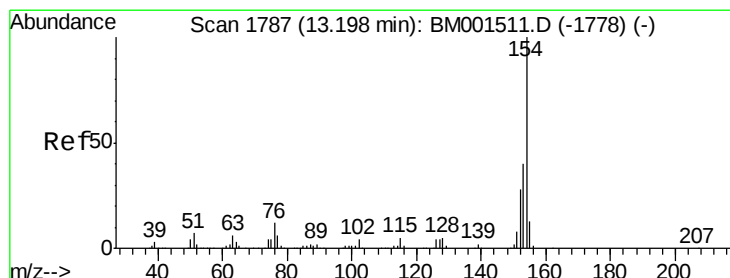
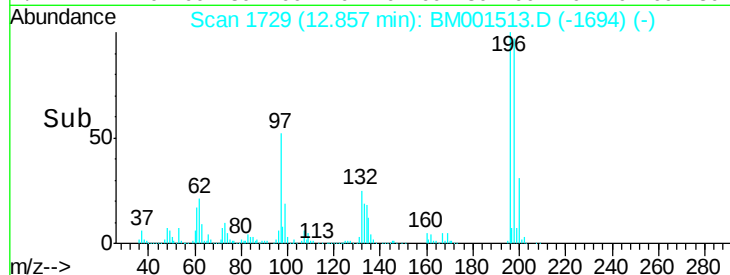
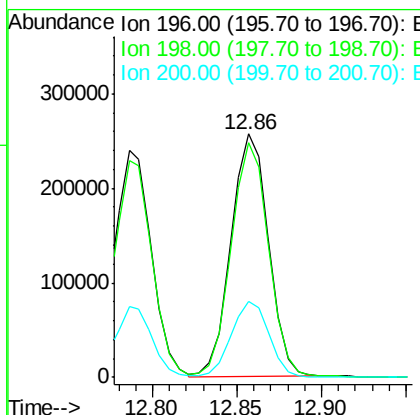
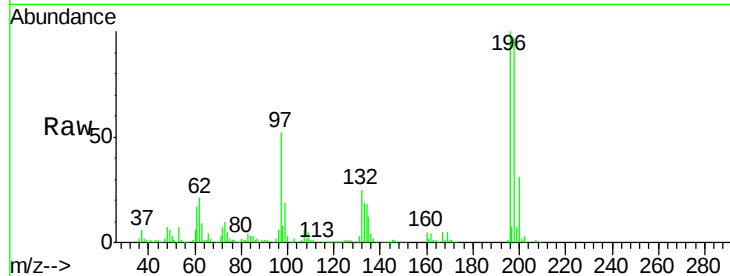
#39
2,4,5-Trichlorophenol
Concen: 90.39 ng/ul
RT: 12.86 min Scan# 1729
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Resp	Lower	Upper
196	100	397047		
198	96.5	76.3	114.5	
200	31.4	25.0	37.6	

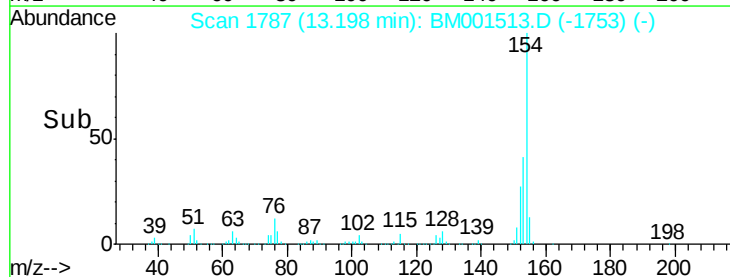
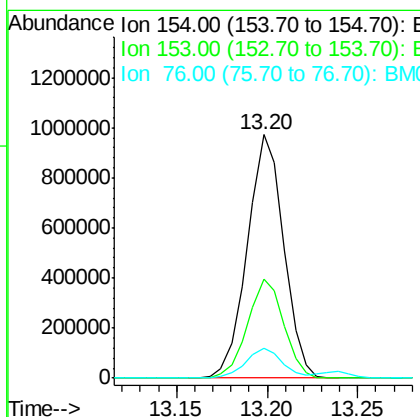
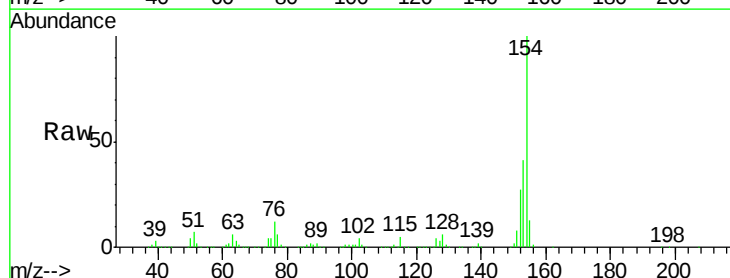
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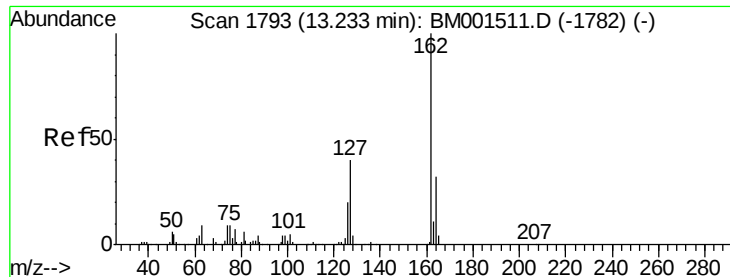
apatel
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#40
1,1'-Biphenyl
Concen: 80.56 ng/ul
RT: 13.20 min Scan# 1787
Delta R.T. -0.00 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1357417		
153	40.6	31.9	47.9	
76	12.3	9.9	14.9	





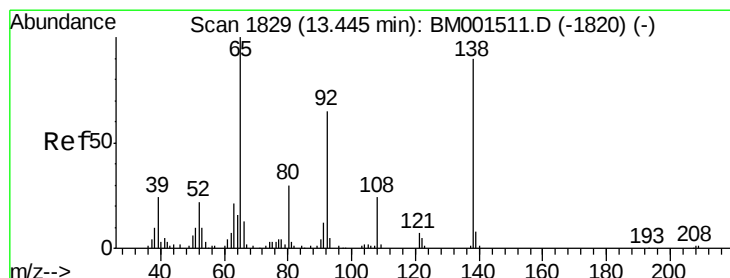
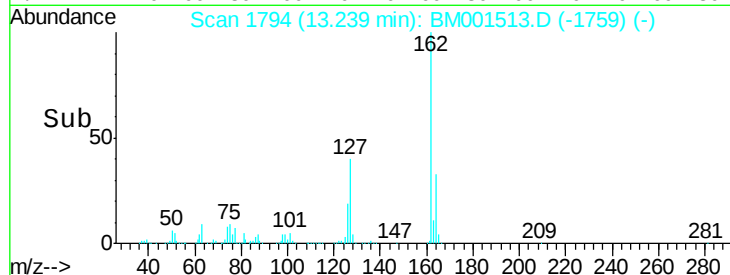
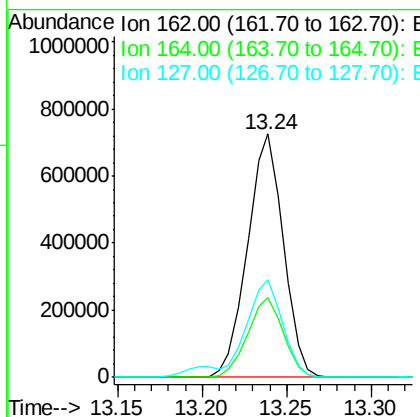
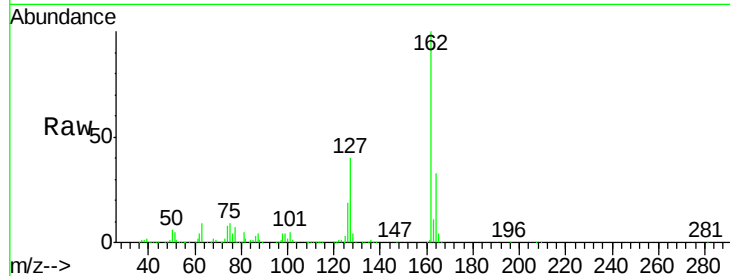
#41
2-Chloronaphthalene
Concen: 81.75 ng/ul
RT: 13.24 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Lower	Upper
162	100		
164	33.0	25.7	38.5
127	40.2	32.3	48.5

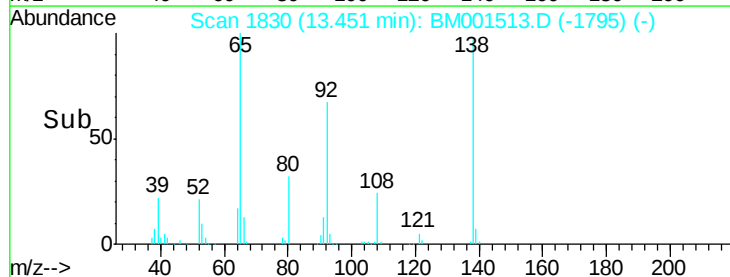
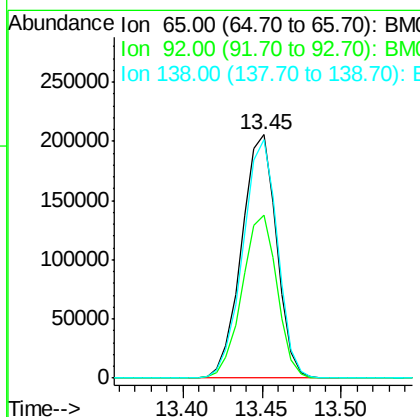
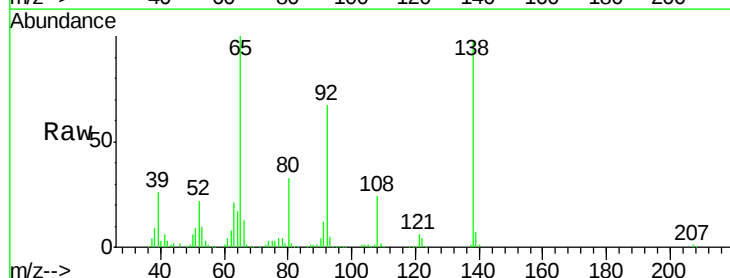
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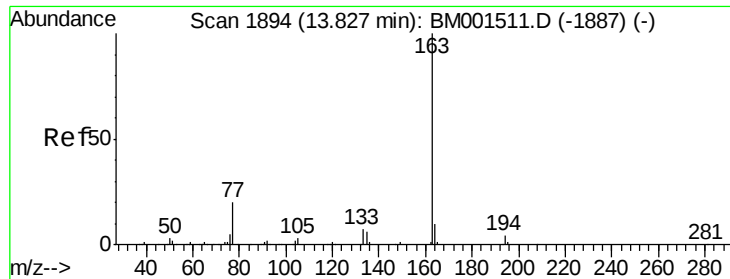
apatel
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#42
2-Nitroaniline
Concen: 89.69 ng/ul
RT: 13.45 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	51.8	77.8
138	97.8	72.3	108.5





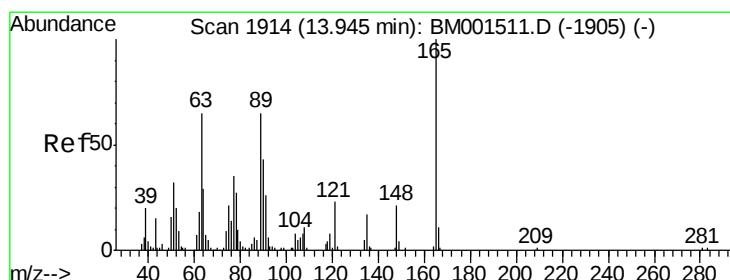
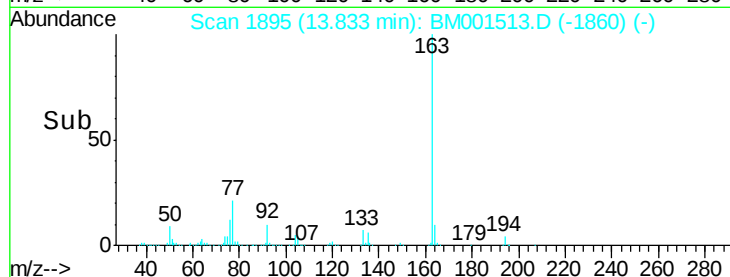
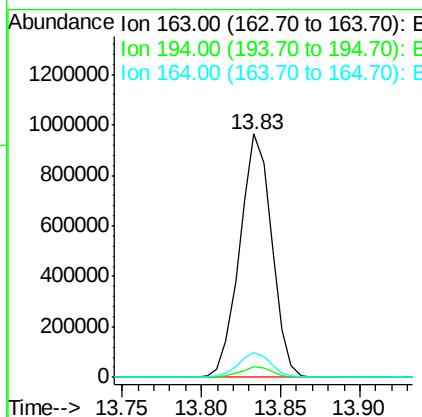
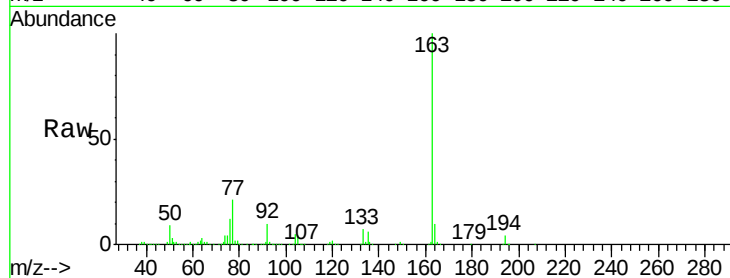
#44
Dimethylphthalate
Concen: 81.23 ng/ul
RT: 13.83 min Scan# 1895
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.2	8.1	12.1

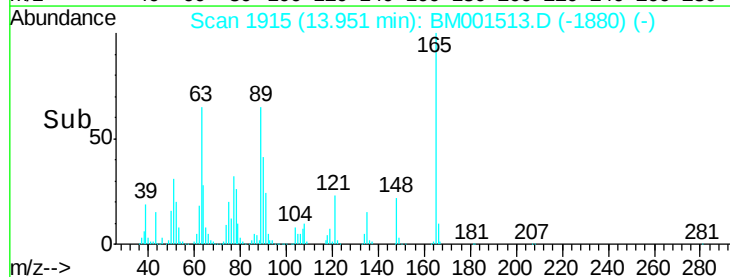
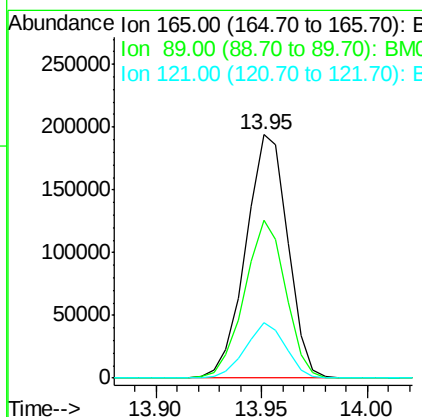
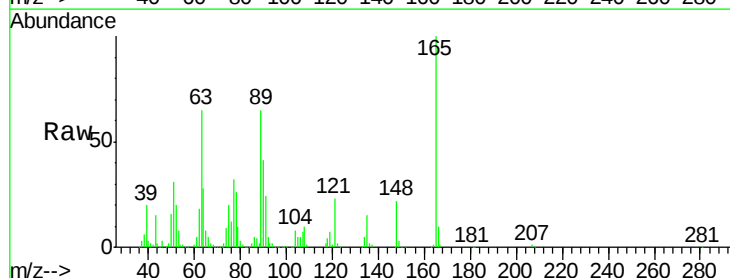
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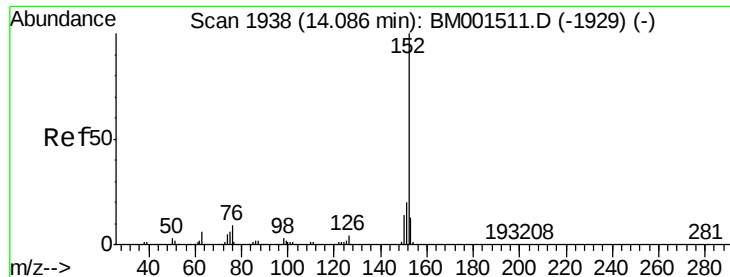
apatel
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#45
2,6-Dinitrotoluene
Concen: 87.91 ng/ul
RT: 13.95 min Scan# 1915
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Lower	Upper
165	100		
89	65.0	52.0	78.0
121	22.9	18.6	28.0





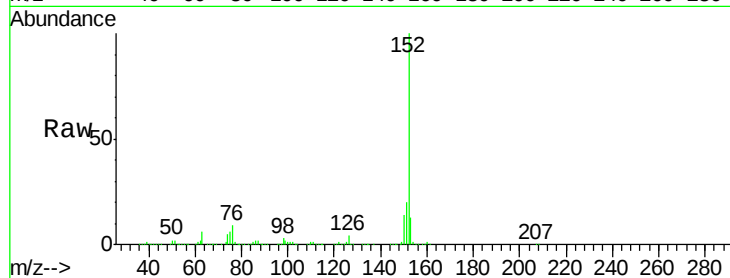
#47
Acenaphthylene
Concen: 79.91 ng/ul
RT: 14.09 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	12.8	10.5	15.7

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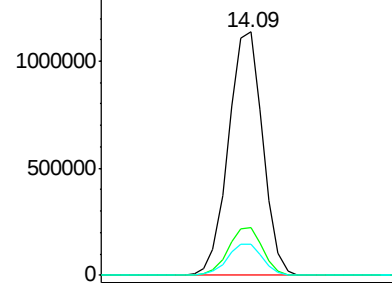


Abundance

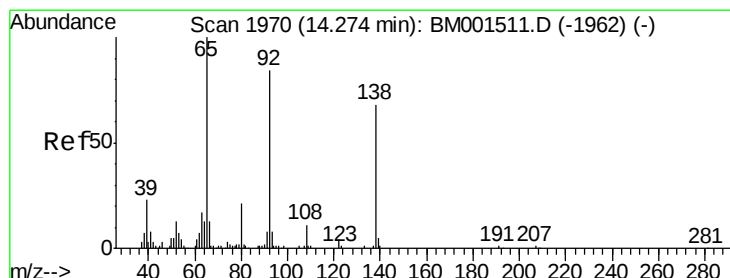
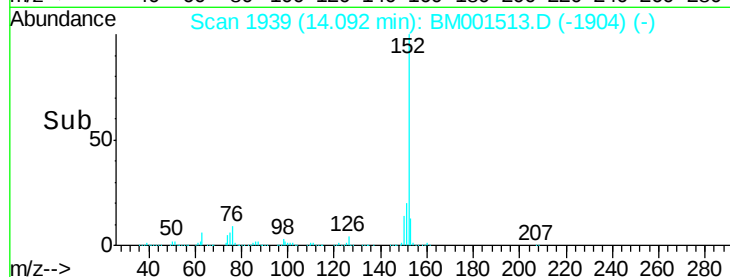
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

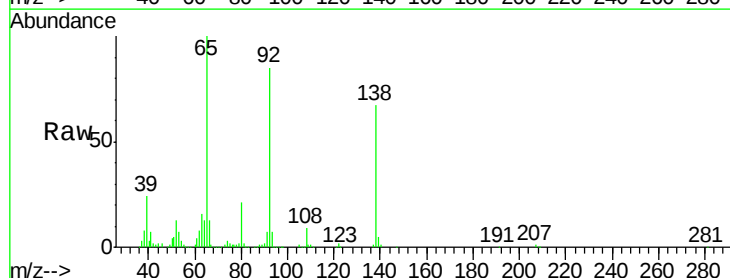


Time--> 14.00 14.05 14.10 14.15



#48
3-Nitroaniline
Concen: 72.22 ng/ul
RT: 14.28 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.9	13.2	19.8
92	126.1	99.3	148.9

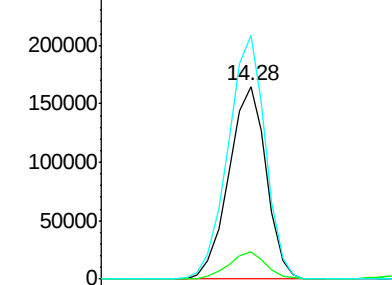


Abundance

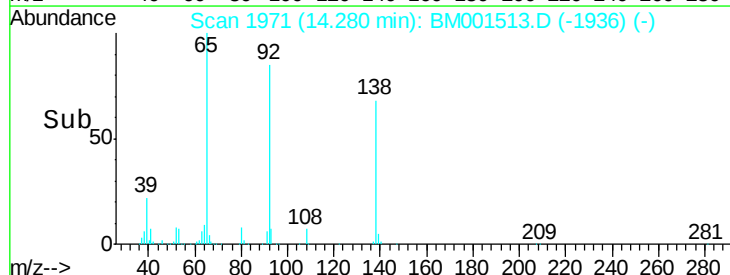
Ion 138.00 (137.70 to 138.70): E

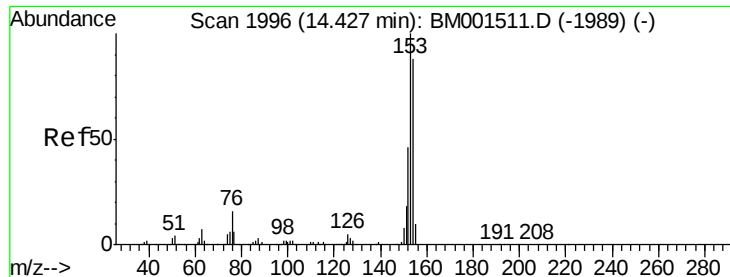
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



Time--> 14.20 14.25 14.30





#49

Acenaphthene

Concen: 78.90 ng/ul

RT: 14.43 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Instrument :

BNA_M

ClientSampleId :

SSTD08065

Tot Ion:153 Resp: 1126121

Ion Ratio Lower Upper

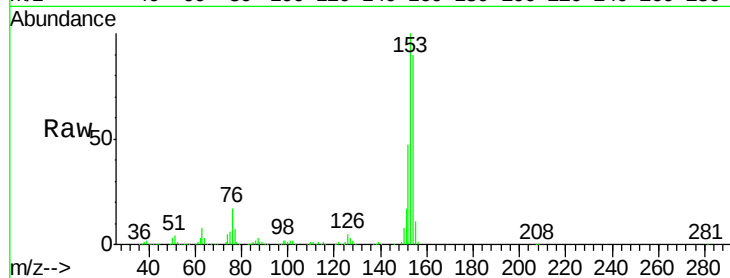
153 100

152 46.9 36.9 55.3

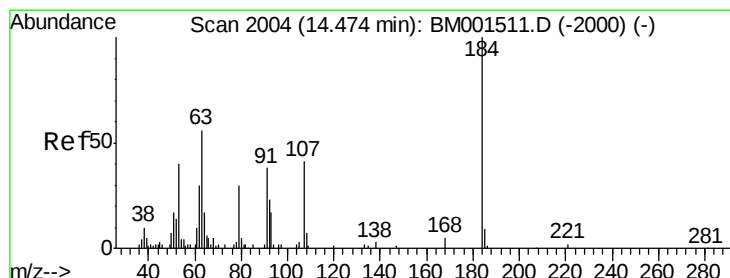
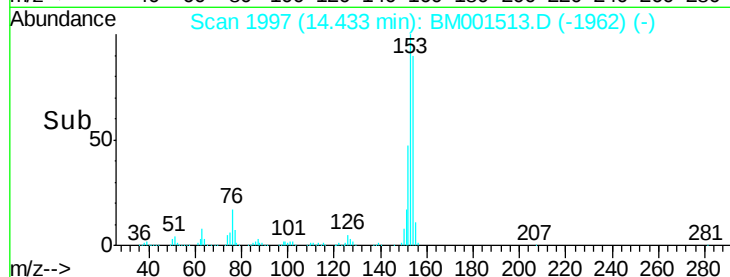
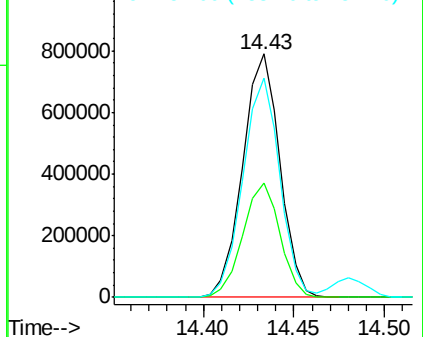
154 90.1 70.2 105.4

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



#50

2,4-Dinitrophenol

Concen: 74.93 ng/ul

RT: 14.48 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

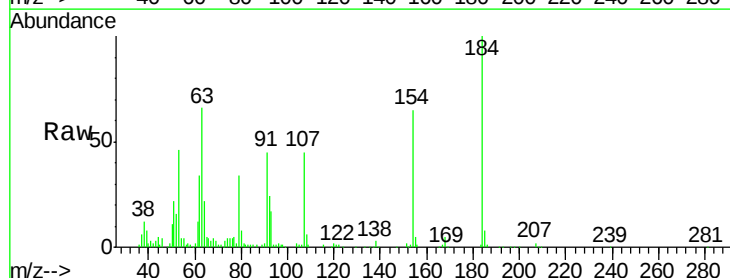
Tgt Ion:184 Resp: 143945

Ion Ratio Lower Upper

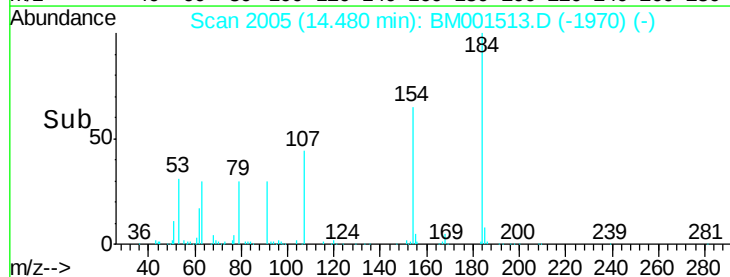
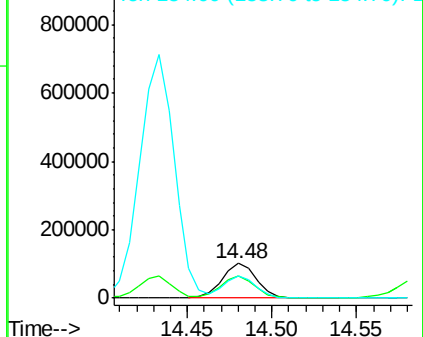
184 100

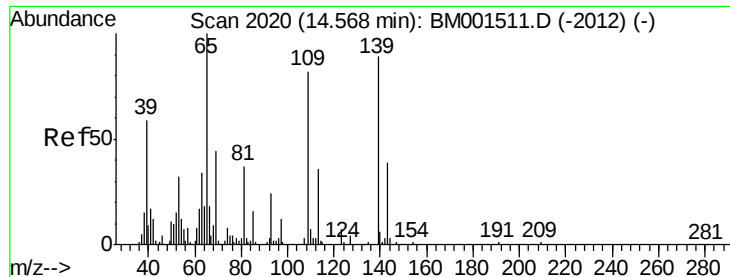
63 65.8 49.2 73.8

154 64.6 46.5 69.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E





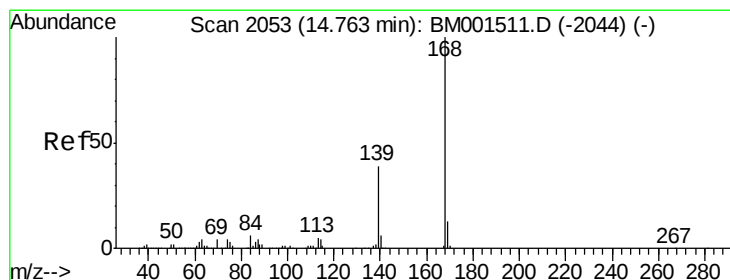
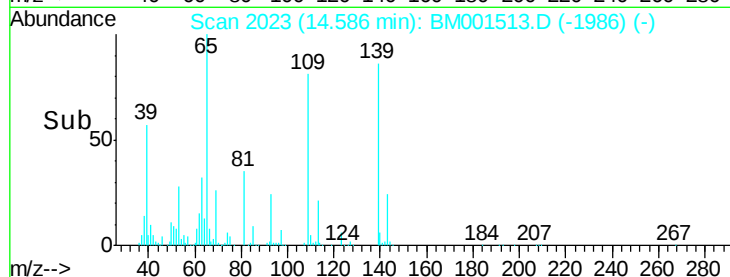
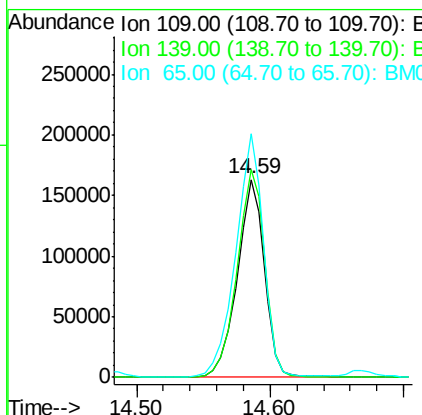
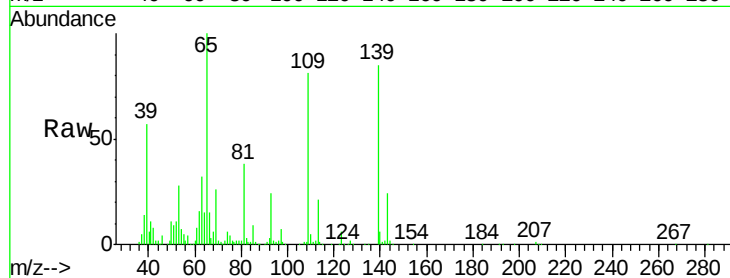
#52
4-Nitrophenol
Concen: 89.41 ng/ul
RT: 14.59 min Scan# 2023
Delta R.T. 0.02 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Resp	Lower	Upper
109	100	230781		
139	105.3	87.4	131.0	
65	123.3	97.7	146.5	

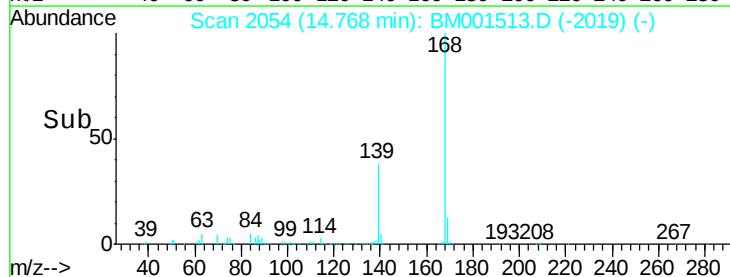
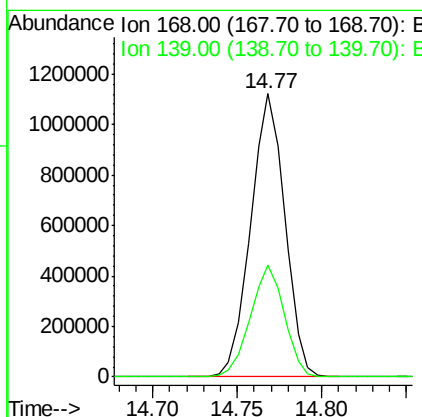
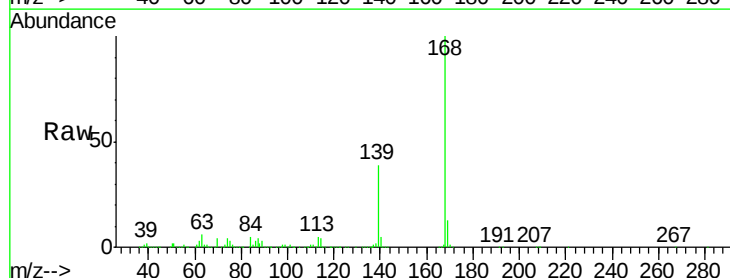
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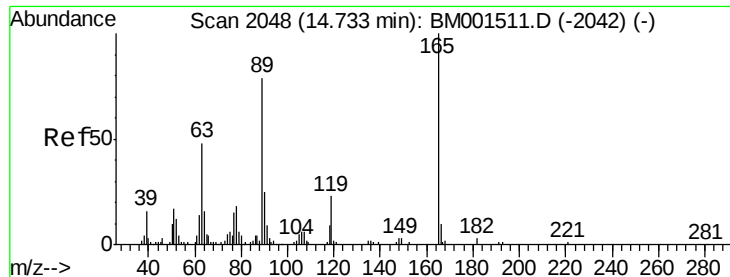
apatel
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#53
Dibenzofuran
Concen: 77.61 ng/ul
RT: 14.77 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1580679		
139	39.4	31.6	47.4	





#54

2,4-Dinitrotoluene

Concen: 85.55 ng/ul

RT: 14.74 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Instrument :

BNA_M

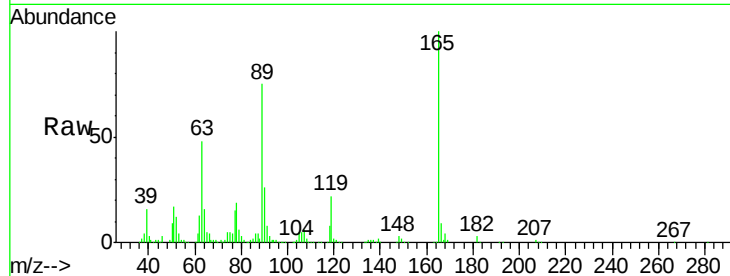
ClientSampleId :

SSTD08065

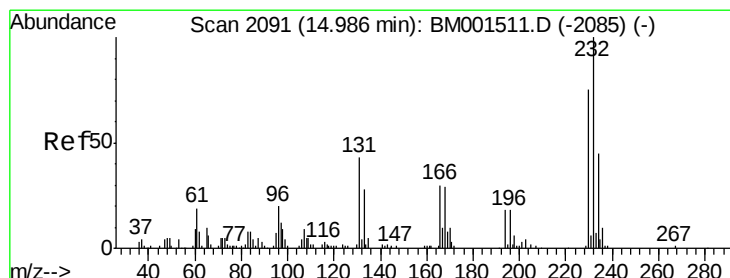
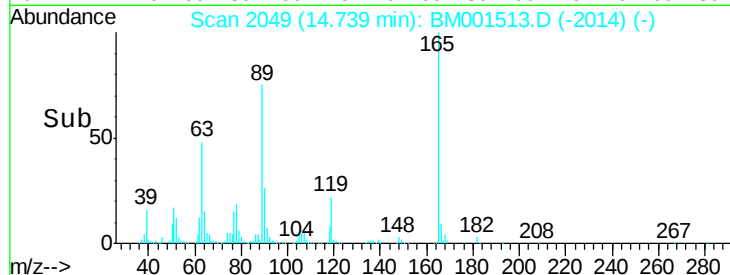
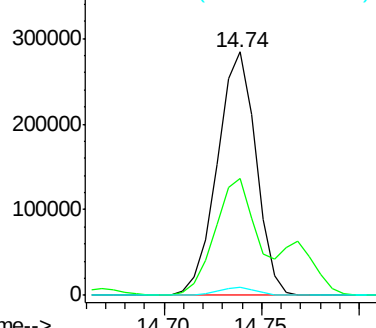
Tot Ion:	165	Resp:	392065
Ion Ratio	Lower	Upper	
165	100		
63	48.1	38.6	58.0
182	3.1	2.3	3.5

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Abundance Ion 165.00 (164.70 to 165.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 92.30 ng/ul

RT: 14.99 min Scan# 2092

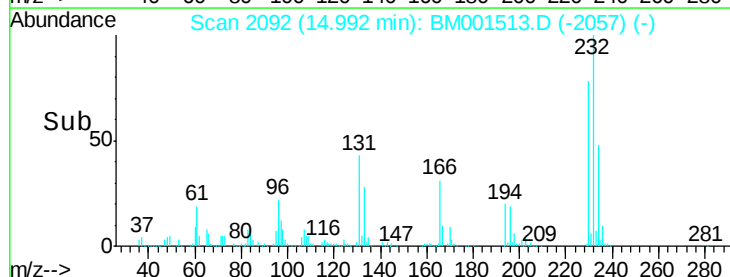
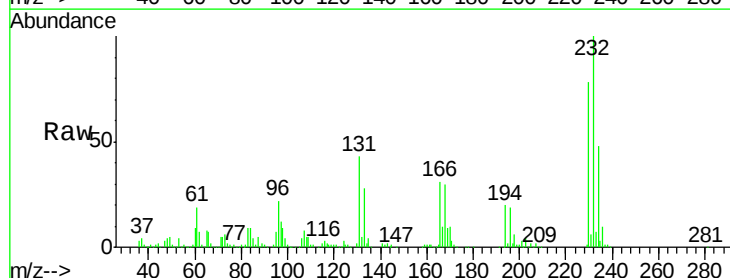
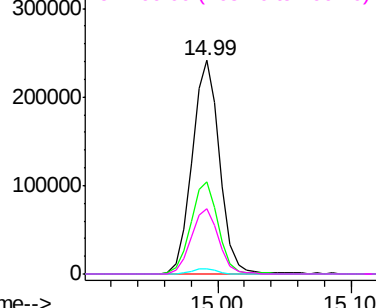
Delta R.T. 0.01 min

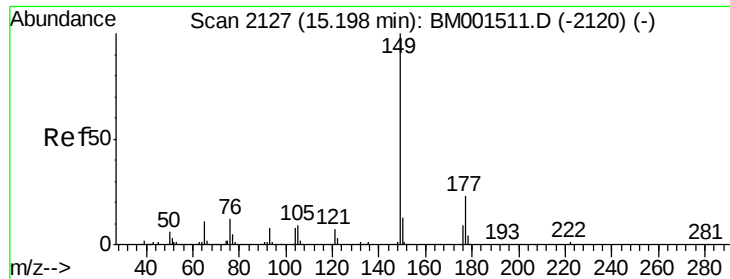
Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Tgt Ion:	232	Resp:	350034
Ion Ratio	Lower	Upper	
232	100		
131	43.2	34.1	51.1
130	2.2	1.8	2.8
166	30.8	23.8	35.6

Abundance Ion 232.00 (231.70 to 232.70): E





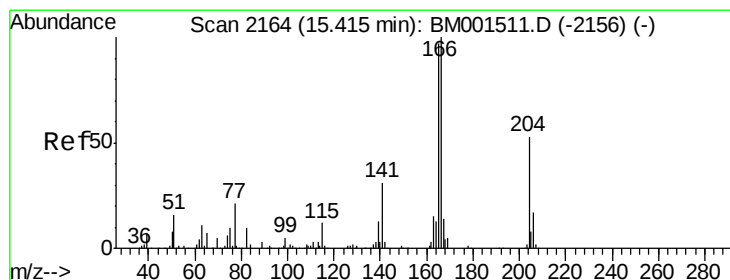
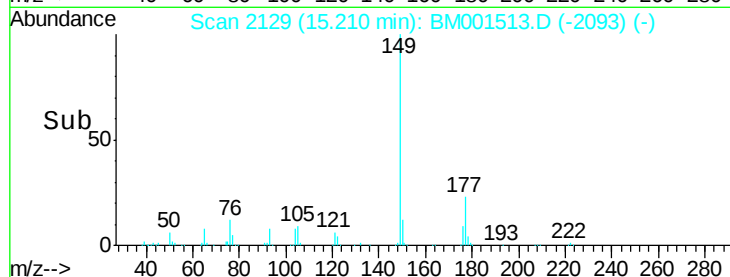
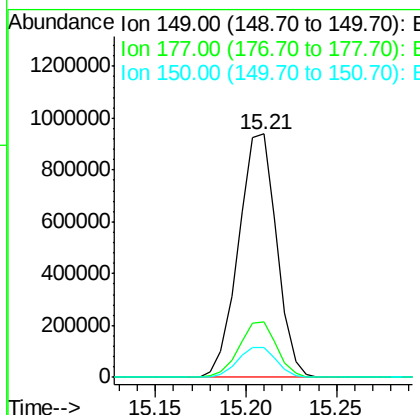
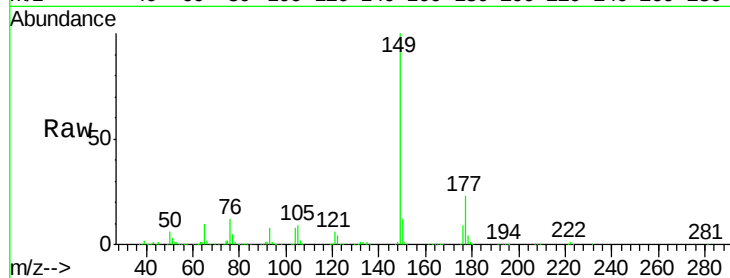
#56
Diethylphthalate
Concen: 79.87 ng/ul
RT: 15.21 min Scan# 2129
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.0	27.0
150	12.4	10.3	15.5

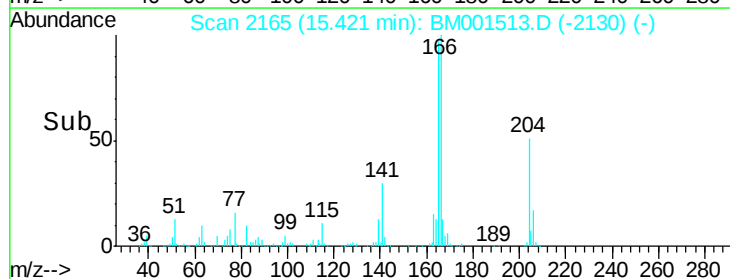
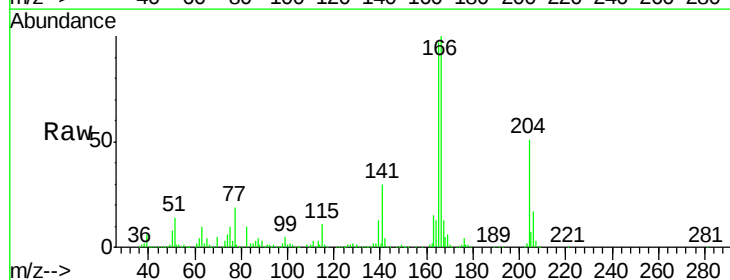
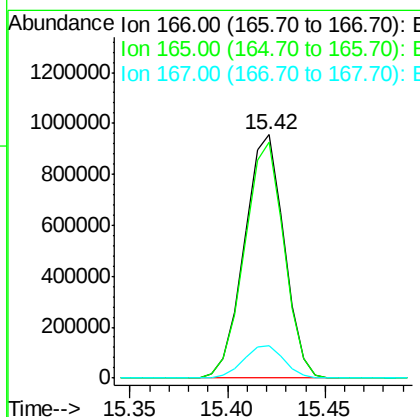
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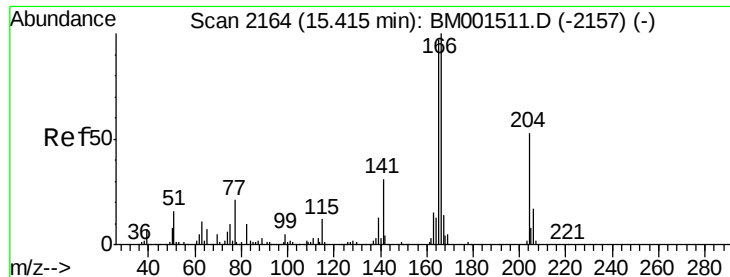
apatel
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#58
Fluorene
Concen: 78.35 ng/ul
RT: 15.42 min Scan# 2165
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.6	116.4
167	13.5	10.9	16.3





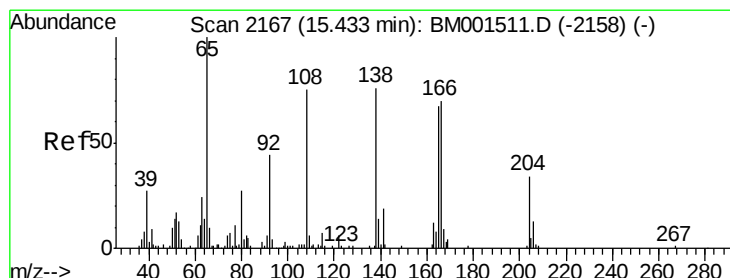
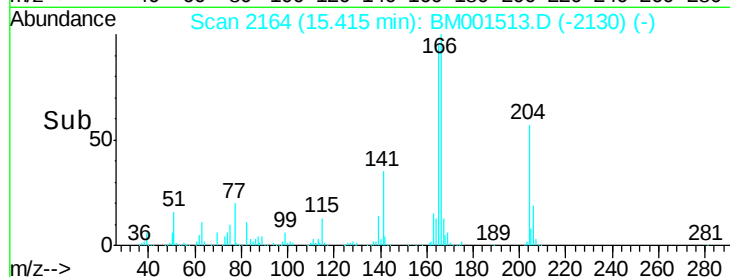
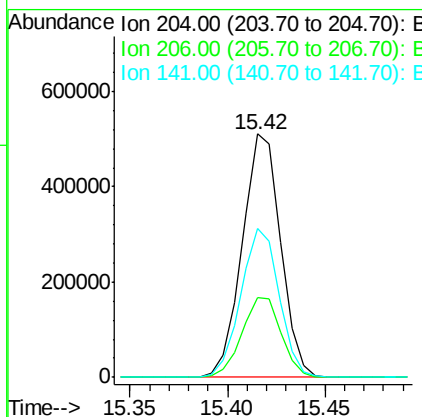
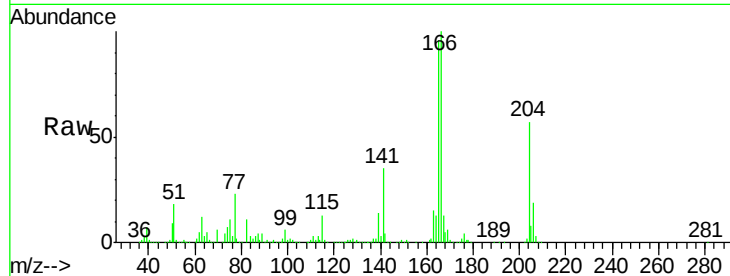
#59
4-Chlorophenyl-phenylether
Concen: 82.08 ng/ul
RT: 15.42 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Resp	Lower	Upper
204	100	697456		
206	32.9	26.2	39.2	
141	61.4	47.8	71.8	

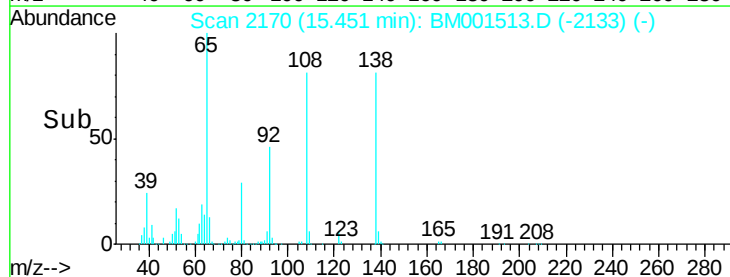
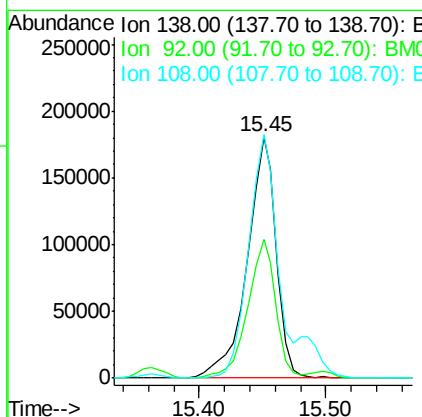
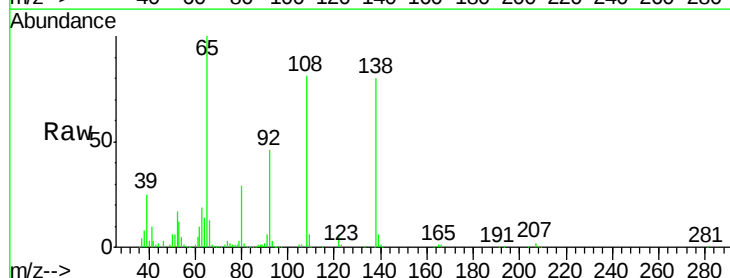
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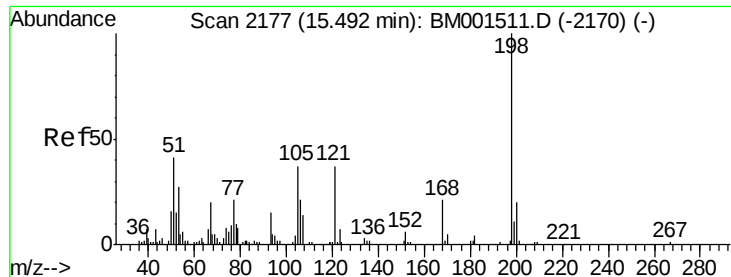
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#60
4-Nitroaniline
Concen: 80.75 ng/ul
RT: 15.45 min Scan# 2170
Delta R.T. 0.02 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	287703		
92	57.4	46.2	69.2	
108	100.9	78.5	117.7	





#63

4,6-Dinitro-2-methylphenol

Concen: 74.90 ng/ul

RT: 15.50 min Scan# 2178

Delta R.T. 0.01 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Instrument :

BNA_M

ClientSampleId :

SSTD08065

Tot Ion:198 Resp: 229031

Ion Ratio Lower Upper

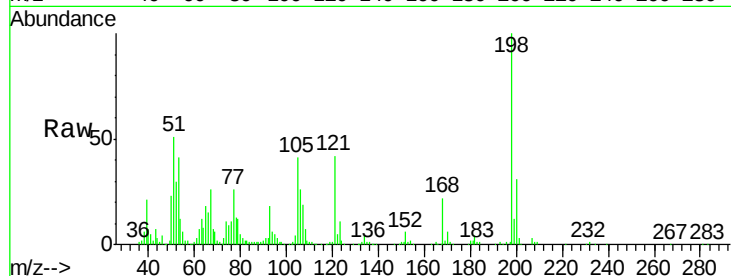
198 100

182 3.6 3.0 4.4

77 26.3 18.0 27.0

Manual Integrations
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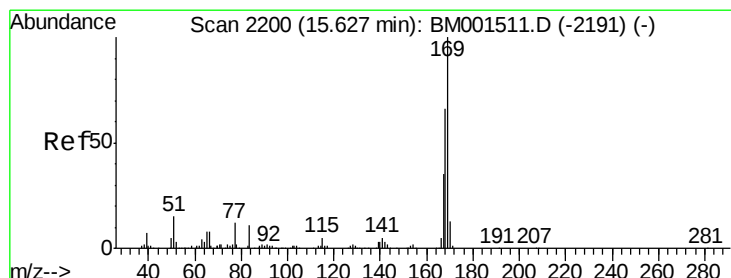
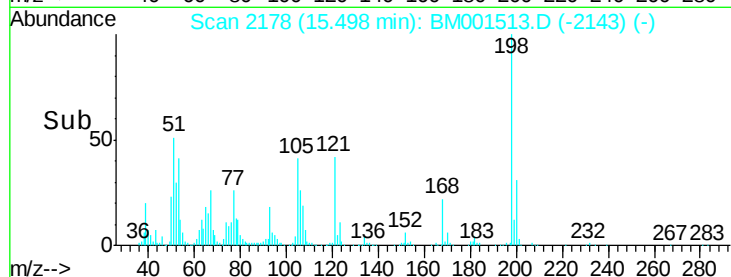
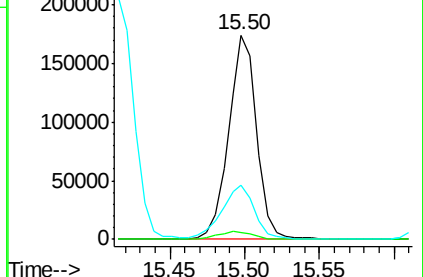
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): E



#64

N-Nitrosodiphenylamine

Concen: 80.64 ng/ul

RT: 15.63 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Tgt Ion:169 Resp: 1136001

Ion Ratio Lower Upper

169 100

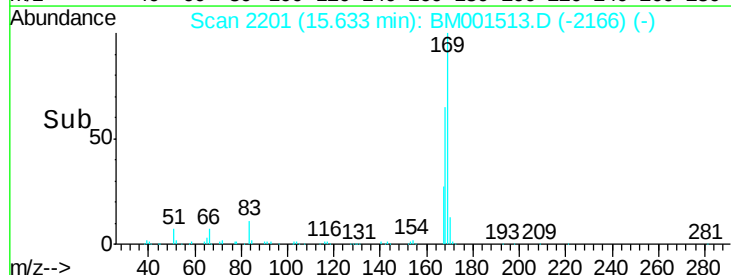
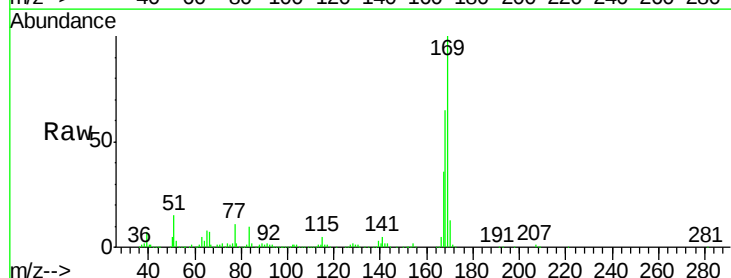
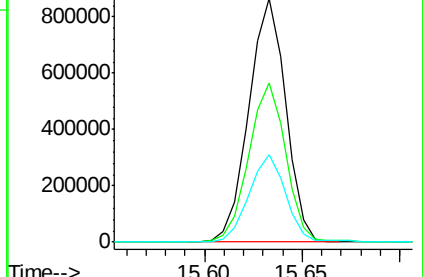
168 65.4 53.0 79.4

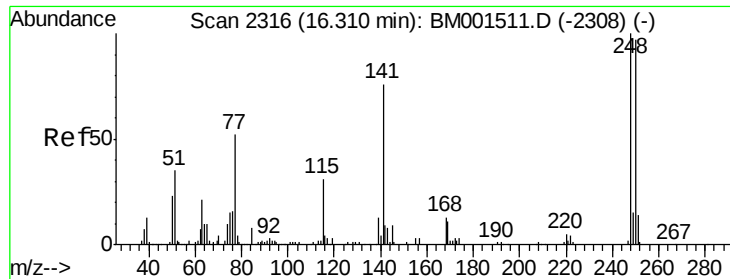
167 35.7 27.8 41.6

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





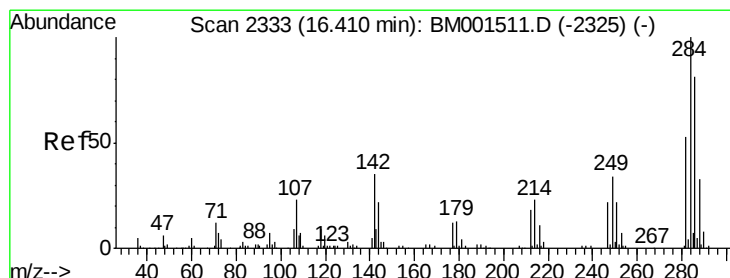
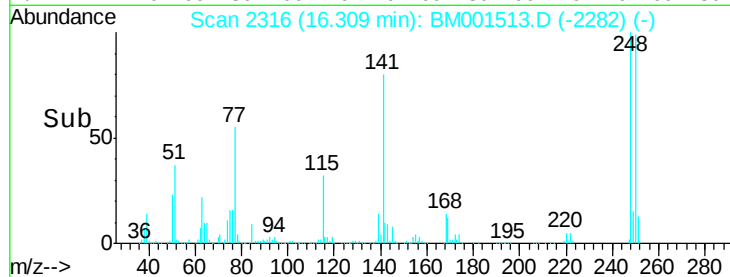
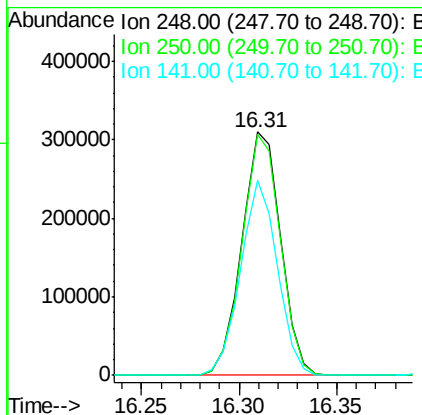
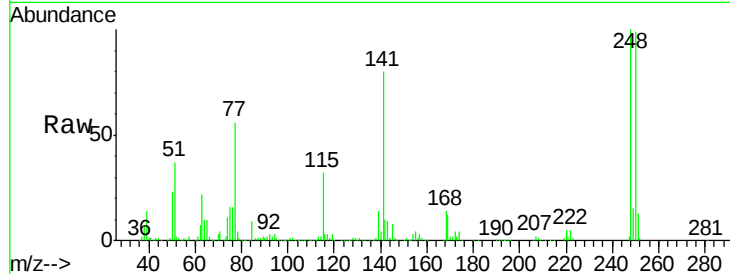
#65
4-Bromophenyl-phenylether
Concen: 87.71 ng/ul
RT: 16.31 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.5	116.3
141	80.1	60.7	91.1

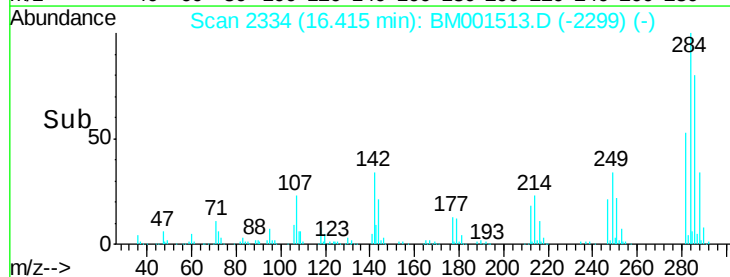
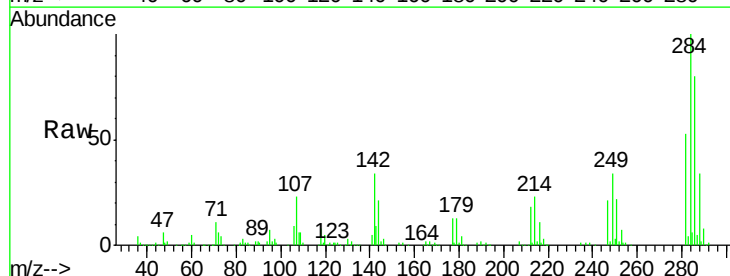
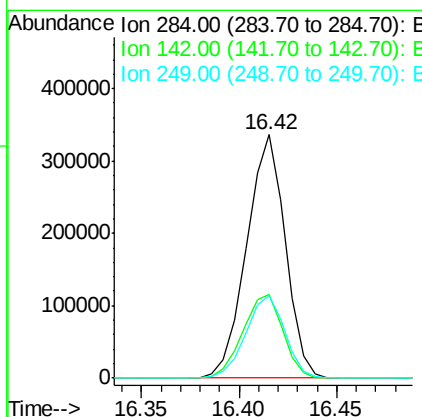
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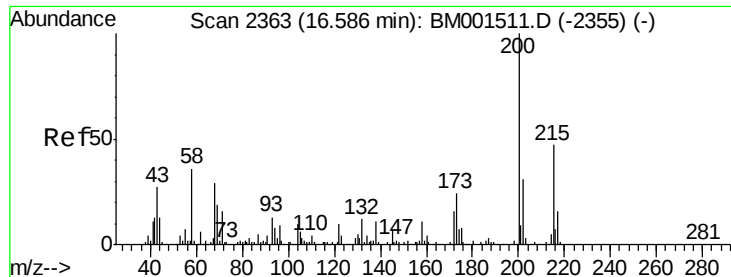
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#66
Hexachlorobenzene
Concen: 84.75 ng/ul
RT: 16.42 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	28.3	42.5
249	33.8	26.9	40.3





#67

Atrazine

Concen: 81.09 ng/ul

RT: 16.59 min Scan# 2364

Delta R.T. 0.01 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Instrument :

BNA_M

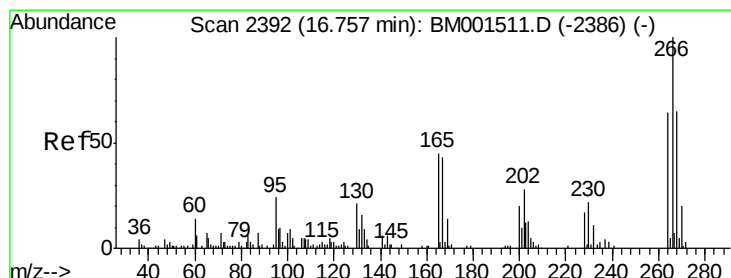
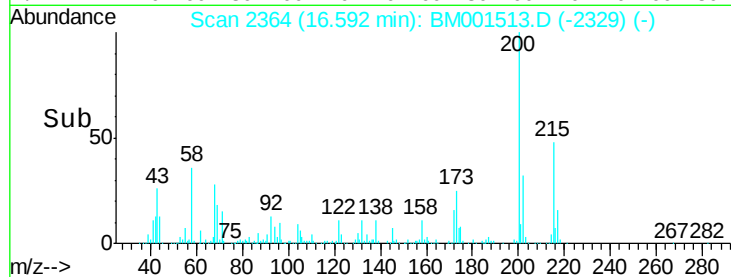
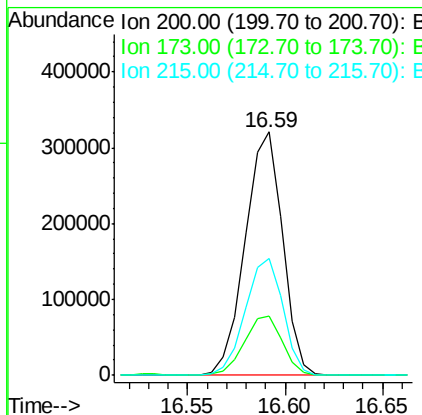
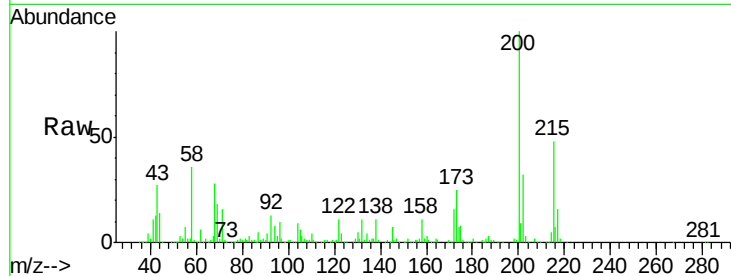
ClientSampleId :

SSTD08065

Tot Ion:	200	Resp:	424942
Ion Ratio	Lower	Upper	
200	100		
173	24.6	19.0	28.4
215	48.2	37.4	56.2

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#68

Pentachlorophenol

Concen: 92.49 ng/ul

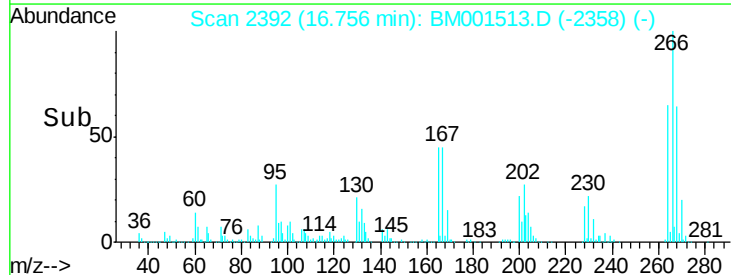
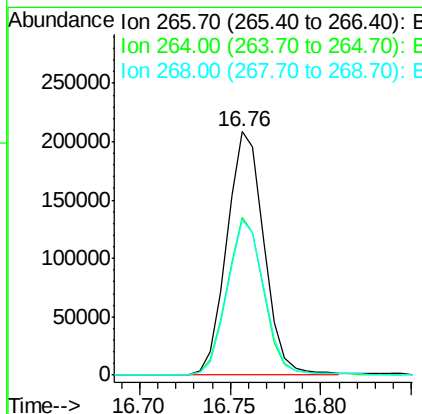
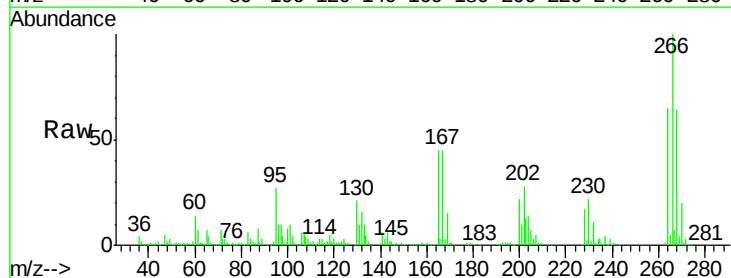
RT: 16.76 min Scan# 2392

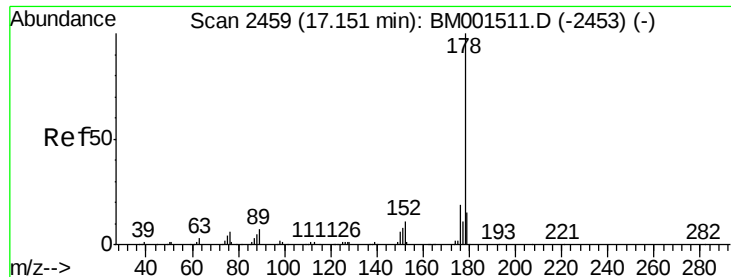
Delta R.T. -0.00 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Tgt Ion:	266	Resp:	297758
Ion Ratio	Lower	Upper	
266	100		
264	65.1	51.2	76.8
268	63.5	51.8	77.8





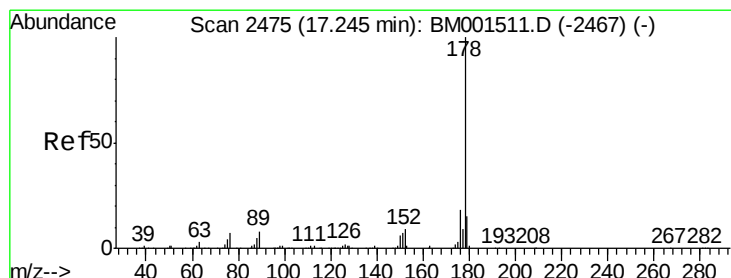
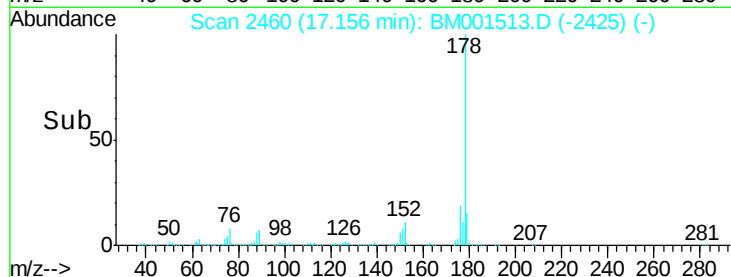
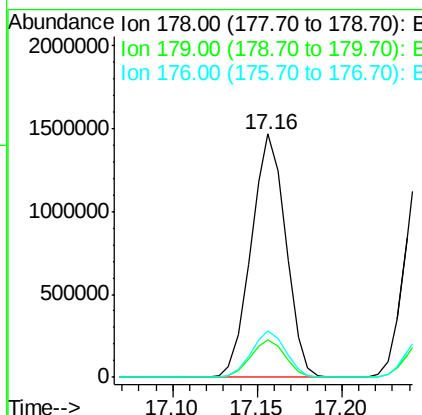
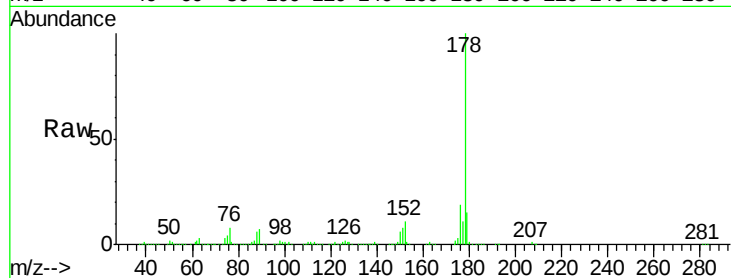
#69
Phenanthrene
Concen: 78.44 ng/ul
RT: 17.16 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.0	15.0	22.4

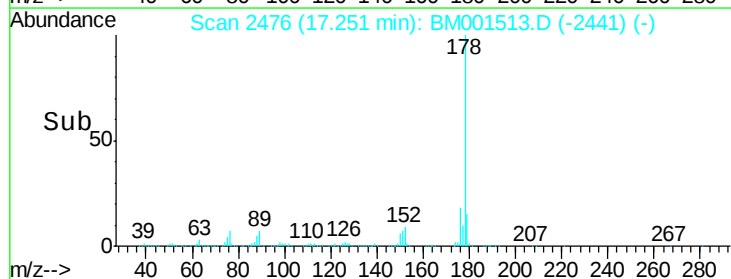
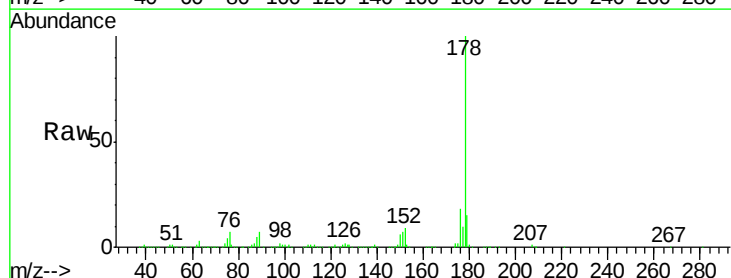
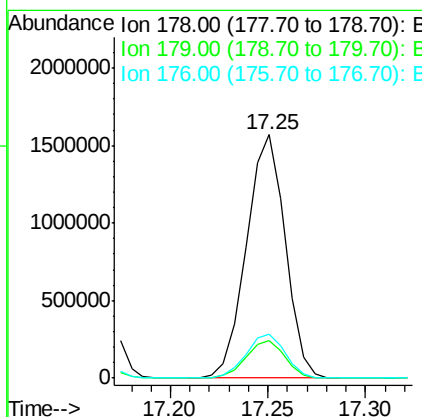
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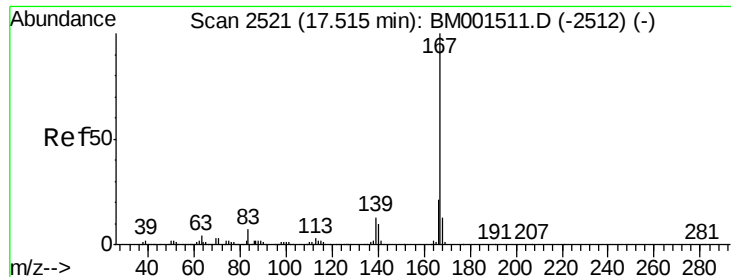
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#71
Anthracene
Concen: 78.50 ng/ul
RT: 17.25 min Scan# 2476
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	18.0	14.3	21.5





#72

Carbazole

Concen: 76.26 ng/ul

RT: 17.52 min Scan# 2522

Delta R.T. 0.01 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Instrument :

BNA_M

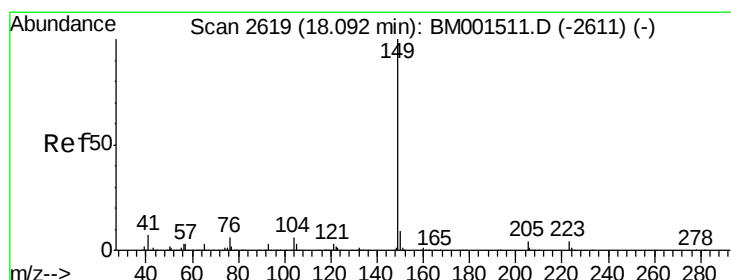
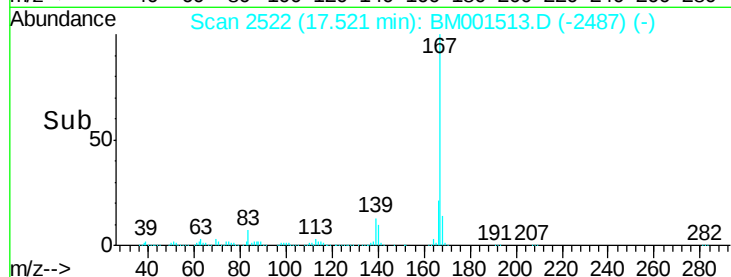
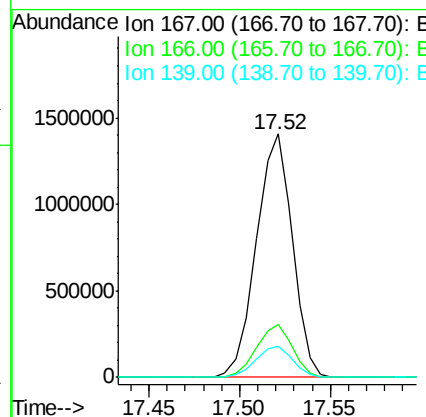
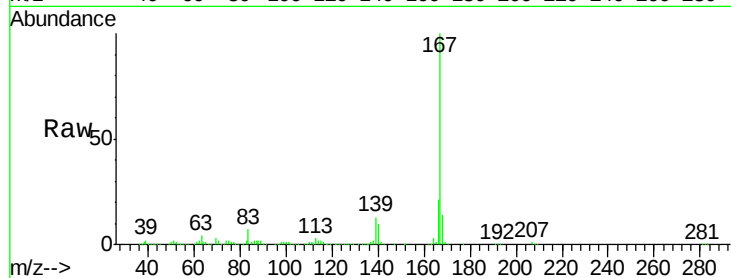
ClientSampleId :

SSTD08065

Tot Ion:	167	Resp:	1946240
Ion Ratio	Lower	Upper	
167	100		
166	21.5	16.6	25.0
139	13.0	10.4	15.6

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#73

Di-n-butylphthalate

Concen: 80.83 ng/ul

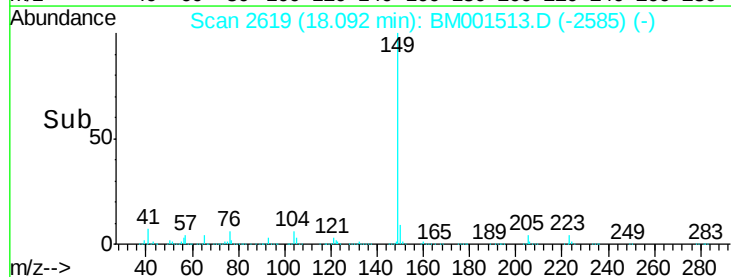
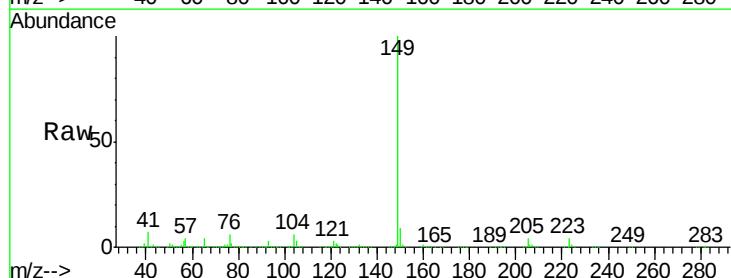
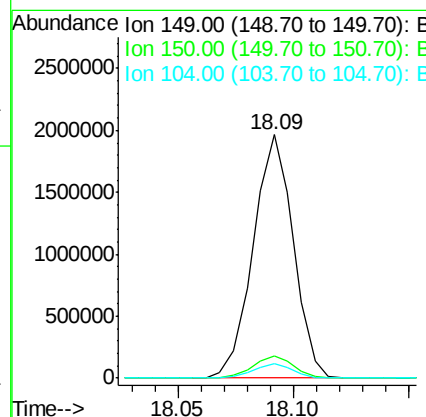
RT: 18.09 min Scan# 2619

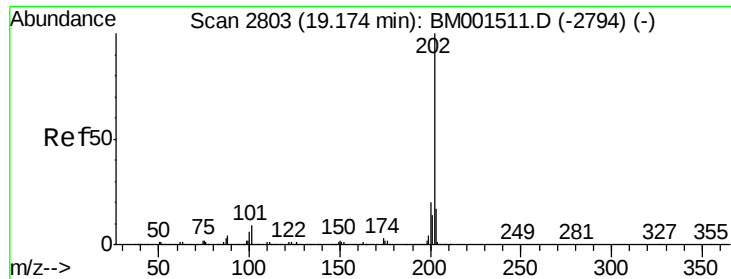
Delta R.T. -0.00 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Tgt Ion:	149	Resp:	2380465
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.4	11.0
104	5.8	4.7	7.1





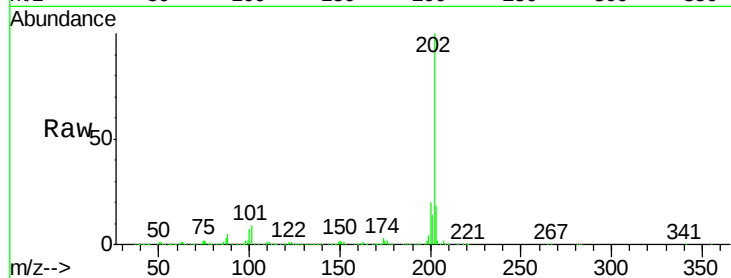
#74
Fluoranthene
Concen: 80.71 ng/ul
RT: 19.17 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

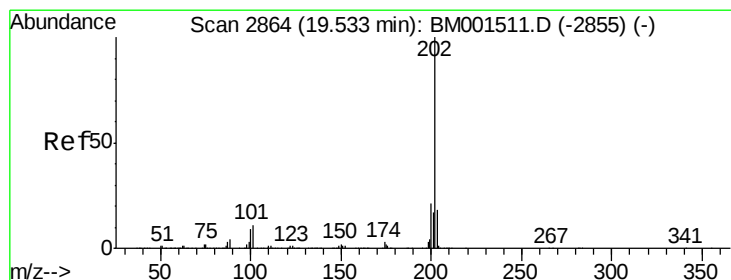
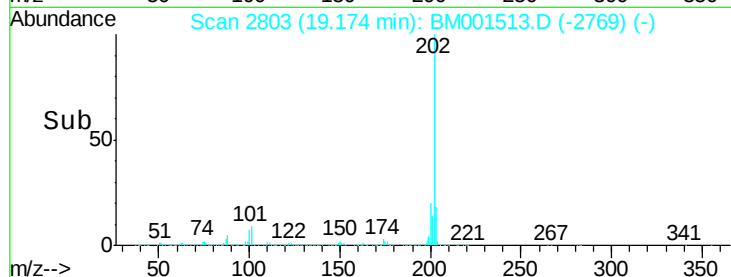
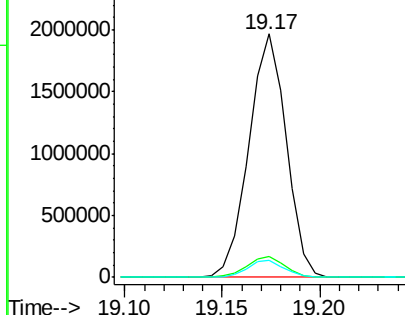
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		2605280		
101	8.8	7.0	10.4		
100	6.9	5.1	7.7		

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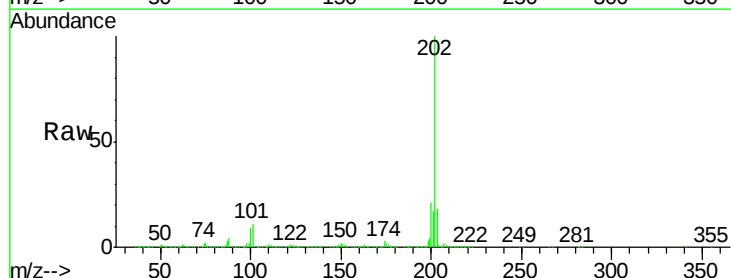


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

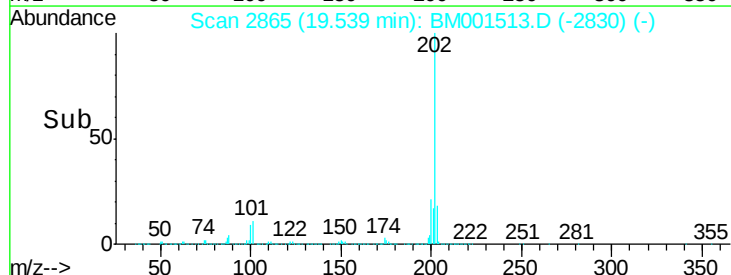
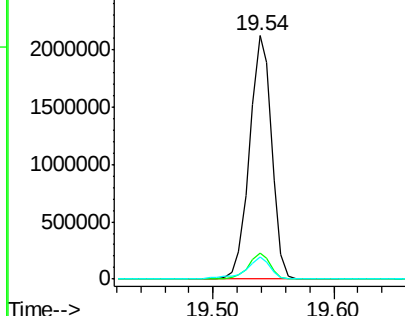


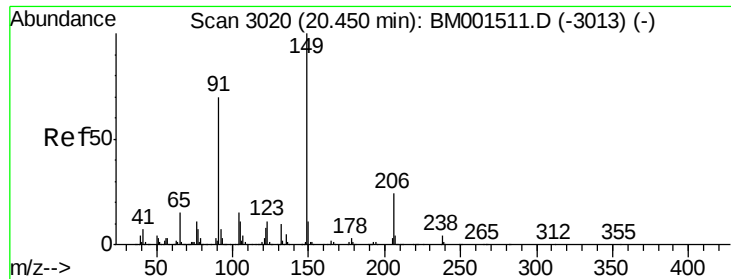
#77
Pyrene
Concen: 75.23 ng/ul
RT: 19.54 min Scan# 2865
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		2727942		
101	10.6	8.5	12.7		
100	9.1	7.4	11.0		



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





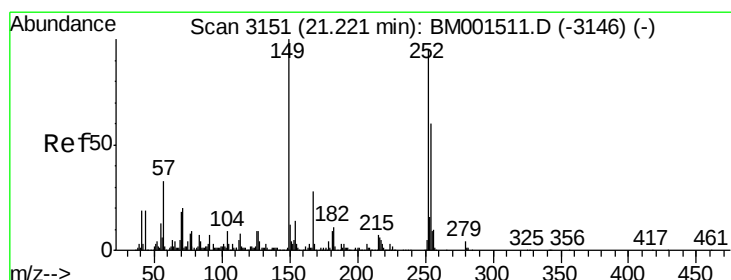
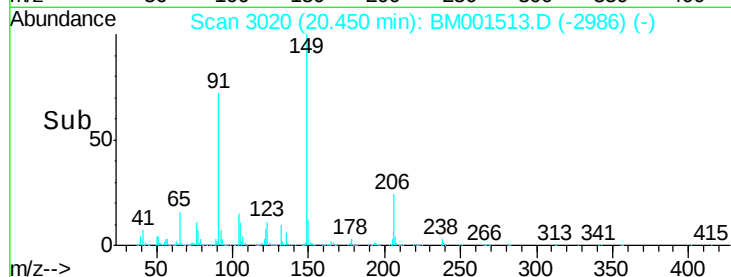
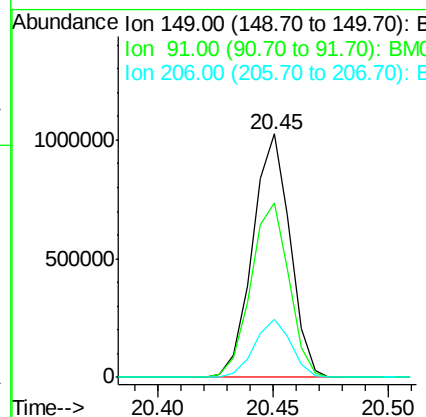
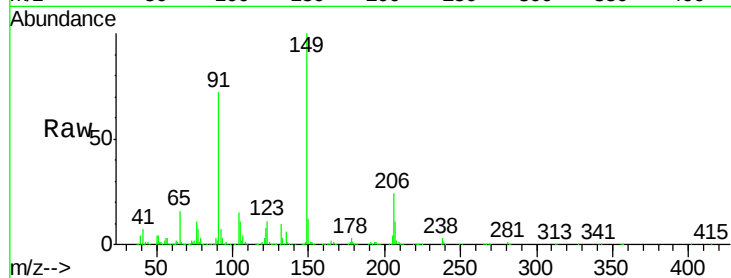
#78
Butylbenzylphthalate
Concen: 80.99 ng/ul
RT: 20.45 min Scan# 3020
Delta R.T. -0.00 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.6	56.2	84.2
206	23.6	19.2	28.8

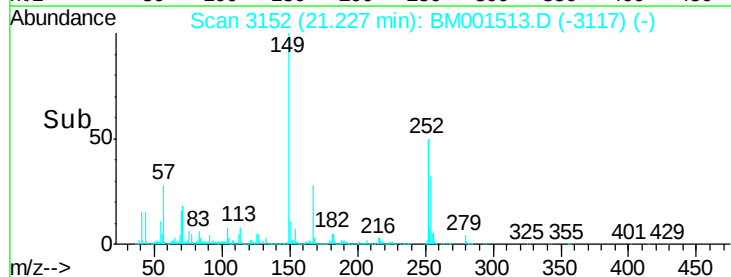
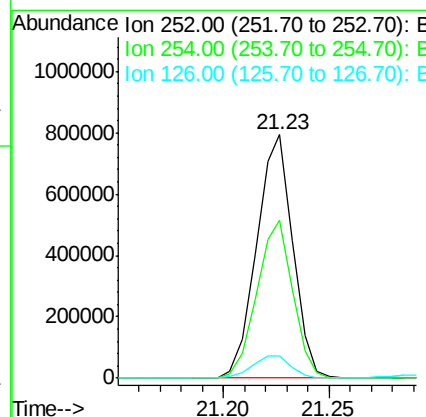
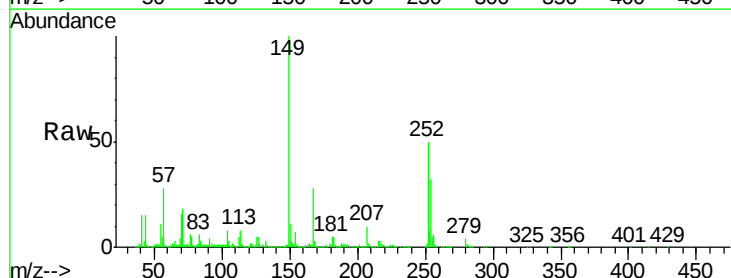
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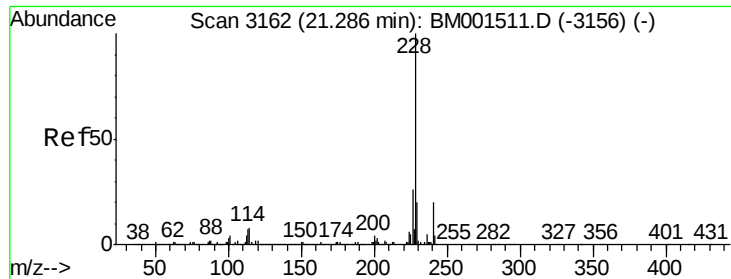
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#79
3,3'-Dichlorobenzidine
Concen: 80.43 ng/ul
RT: 21.23 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.6	75.8
126	9.1	8.0	12.0





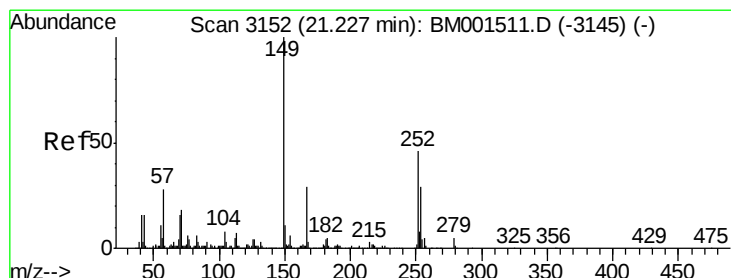
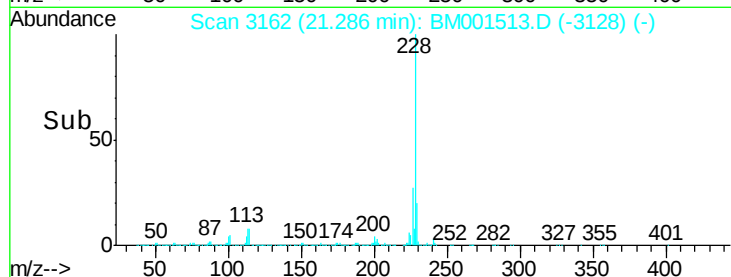
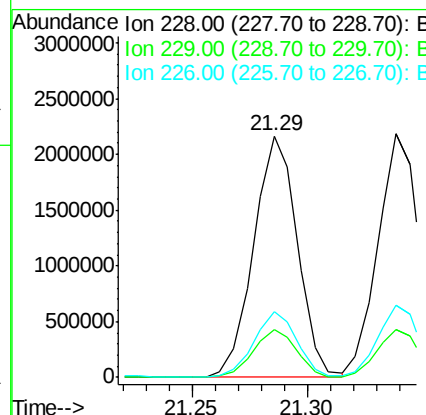
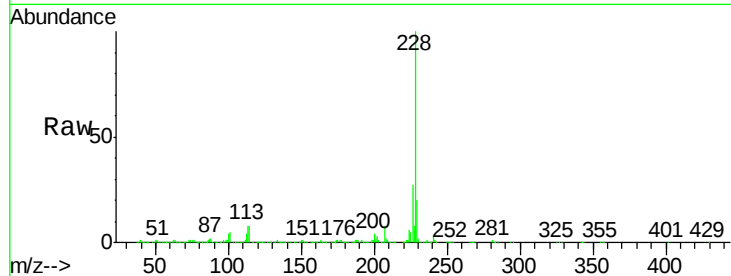
#80
Benzo(a)anthracene
Concen: 80.40 ng/ul
RT: 21.29 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.8	23.6
226	27.0	20.9	31.3

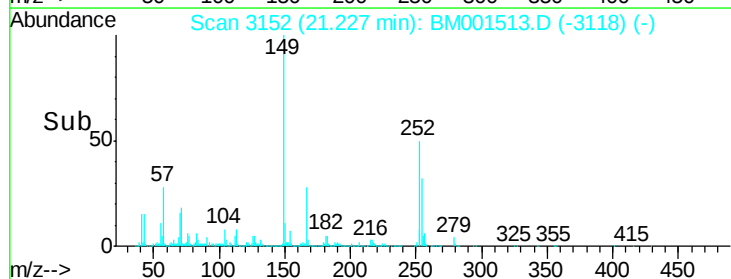
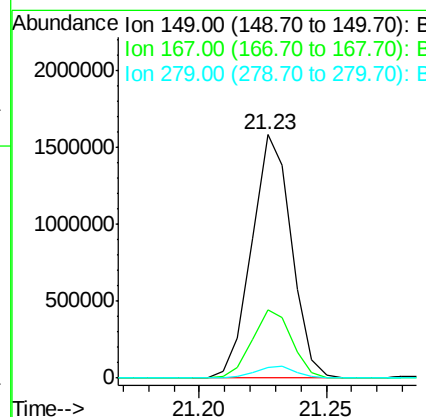
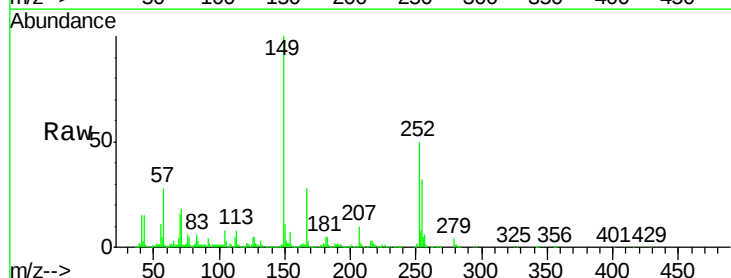
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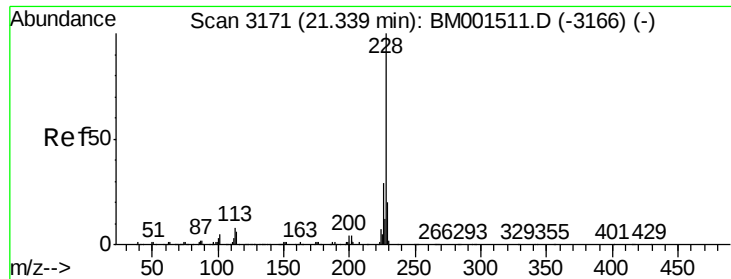
apatel
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#81
Bis(2-ethylhexyl)phthalate
Concen: 77.62 ng/ul
RT: 21.23 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.8	34.2
279	4.5	3.7	5.5





#82

Chrvsene

Concen: 80.06 ng/ul

RT: 21.34 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BM001513.D

Acq: 01 Jun 2015 22:37

Instrument :

BNA_M

ClientSampleId :

SSTD08065

Tot Ion:228 Resp: 2665529

Ion Ratio Lower Upper

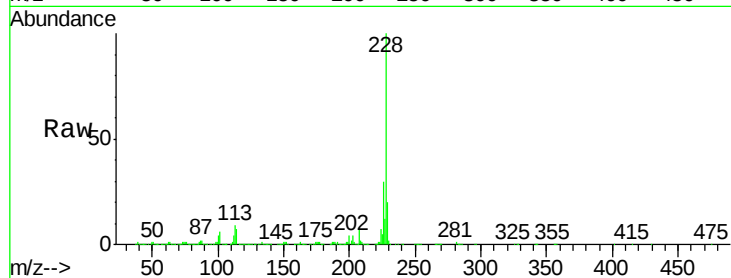
228 100

226 29.7 23.1 34.7

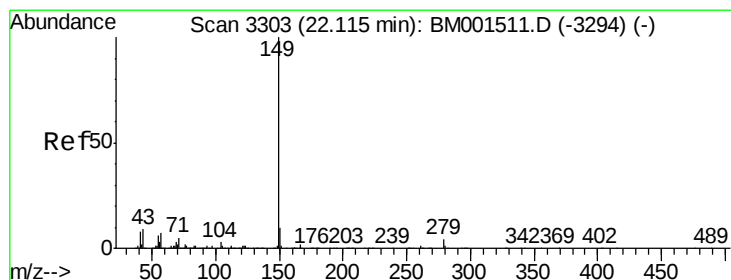
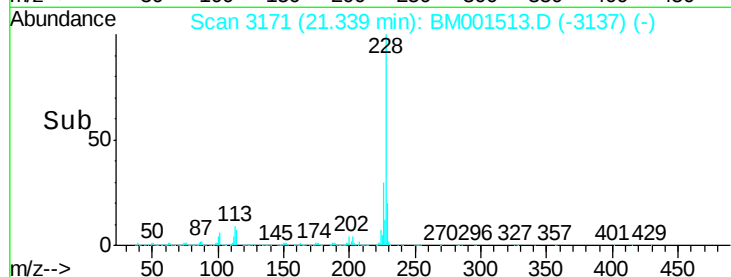
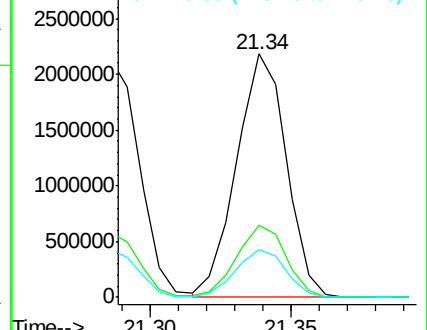
229 19.8 15.8 23.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 68.32 ng/ul

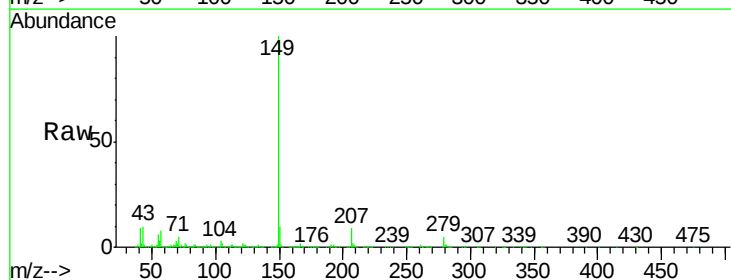
RT: 22.11 min Scan# 3303

Delta R.T. -0.00 min

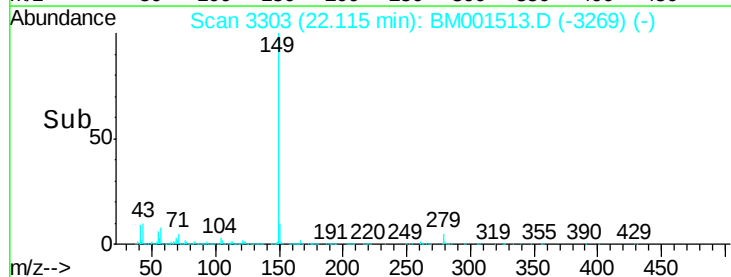
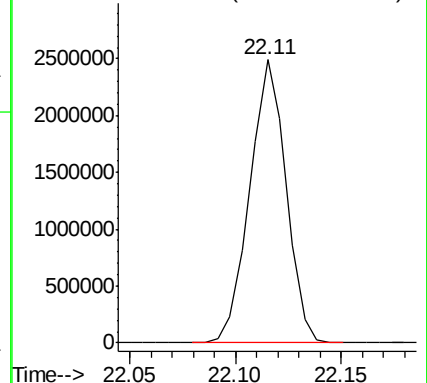
Lab File: BM001513.D

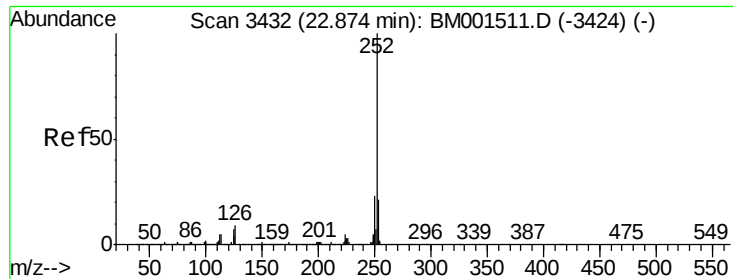
Acq: 01 Jun 2015 22:37

Tgt Ion:149 Resp: 2959323



Abundance Ion 149.00 (148.70 to 149.70): E





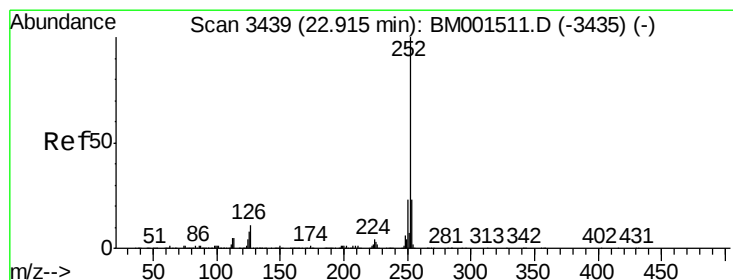
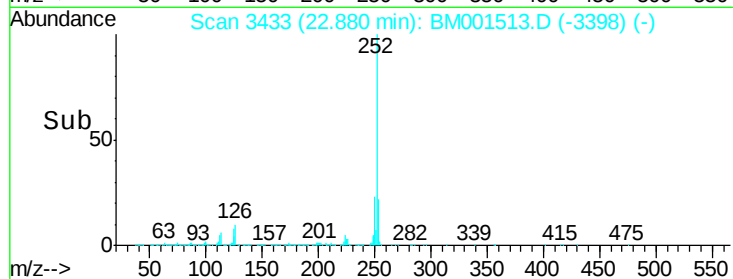
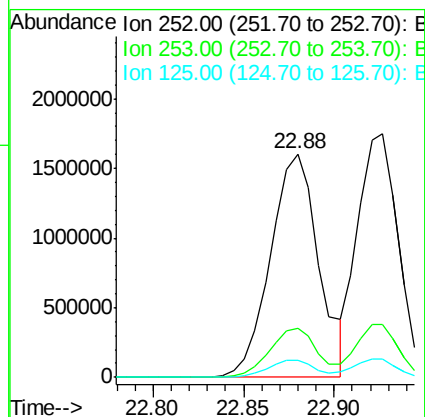
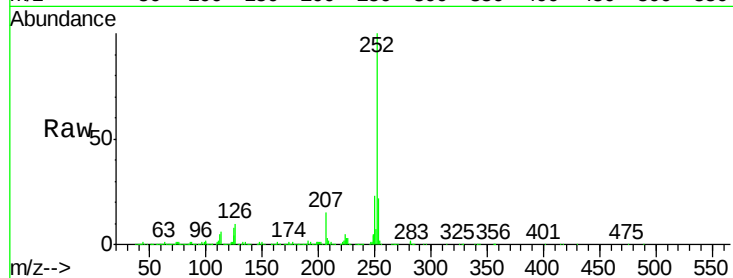
#85
Benzo(b)fluoranthene
Concen: 81.23 ng/ul
RT: 22.88 min Scan# 3433
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	7.8	5.8	8.8

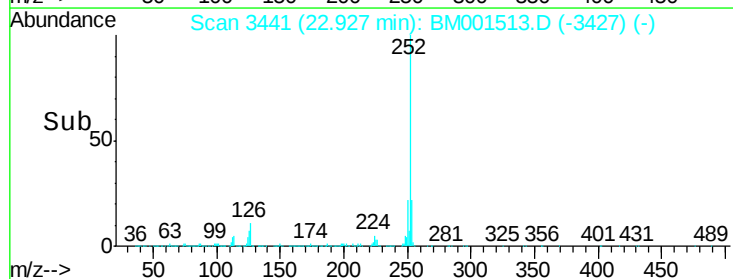
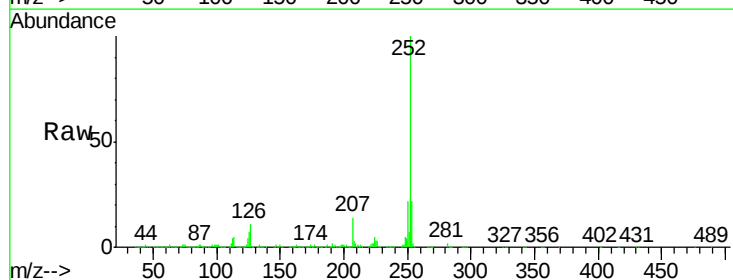
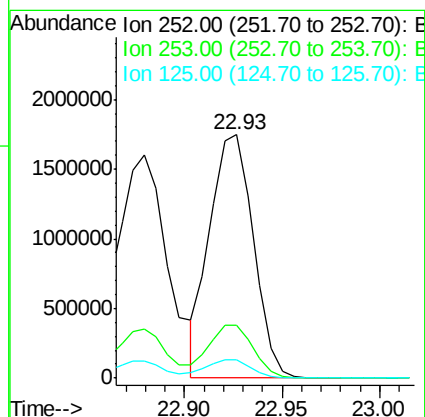
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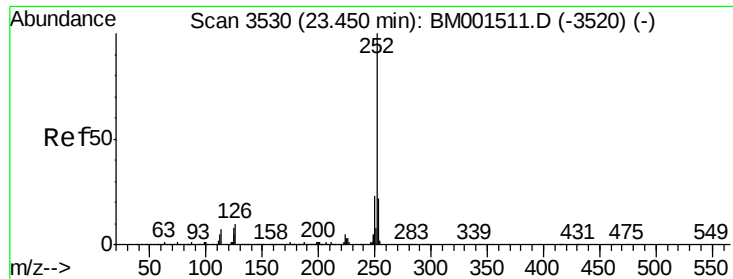
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#86
Benzo(k)fluoranthene
Concen: 77.38 ng/ul
RT: 22.93 min Scan# 3441
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	7.5	6.4	9.6





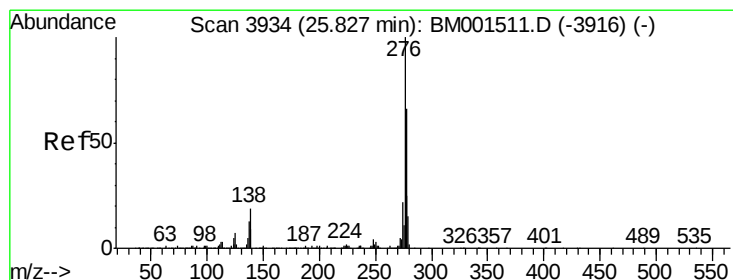
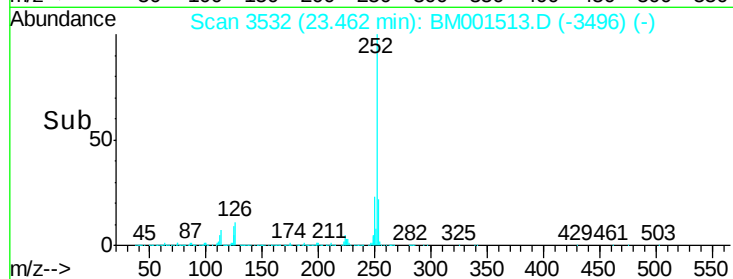
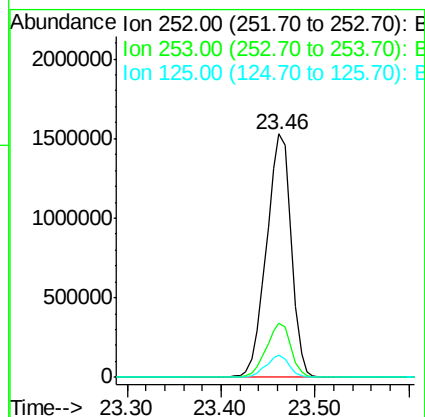
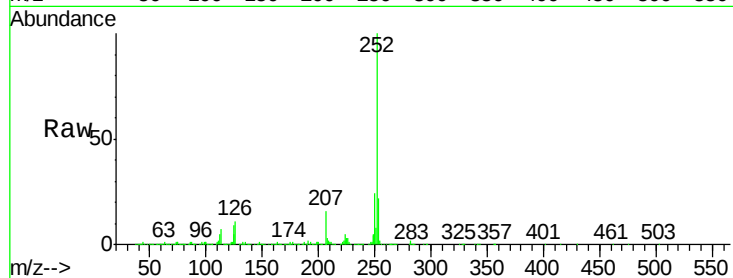
#88
Benzo(a)pyrene
Concen: 81.08 ng/ul
RT: 23.46 min Scan# 3532
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.0	6.9	10.3

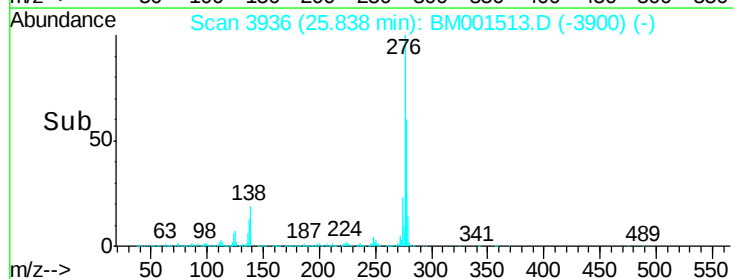
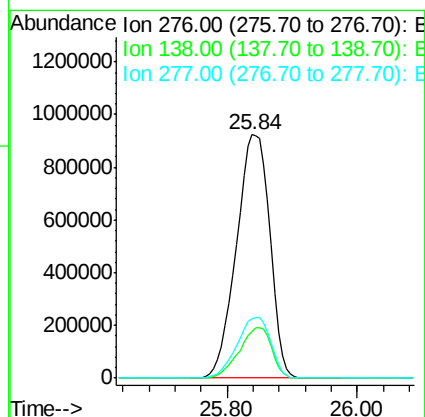
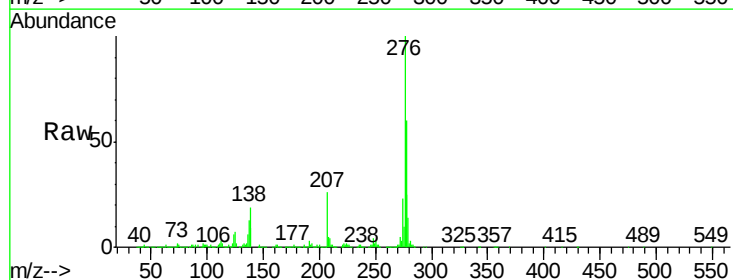
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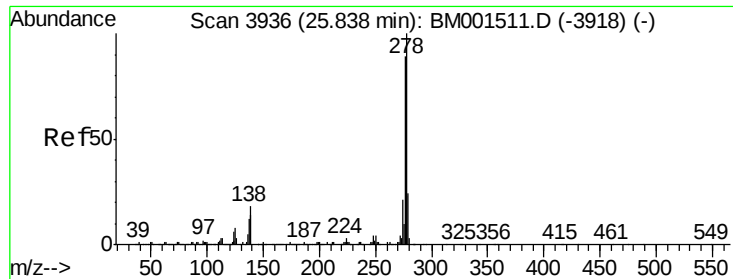
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#89
Indeno(1,2,3-cd)pyrene
Concen: 88.61 ng/ul
RT: 25.84 min Scan# 3936
Delta R.T. 0.01 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.3	22.9
277	24.6	20.4	30.6





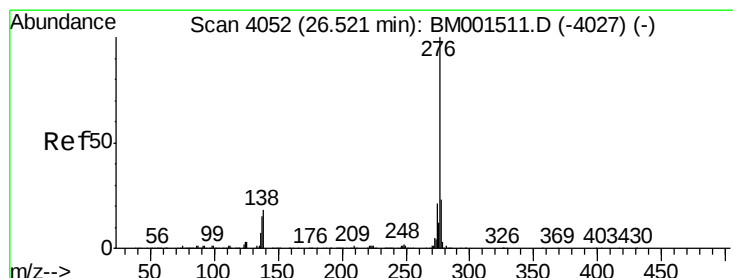
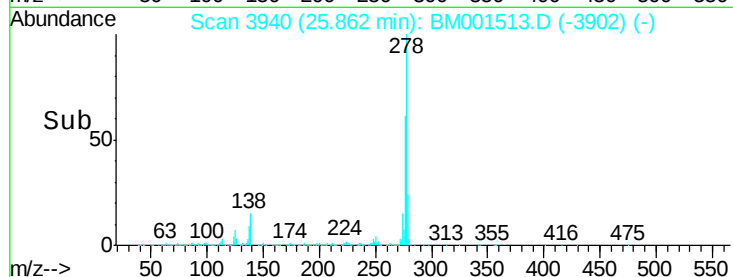
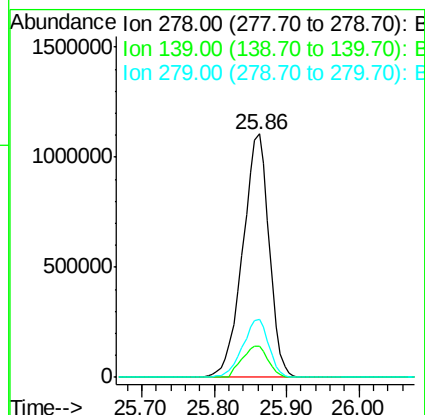
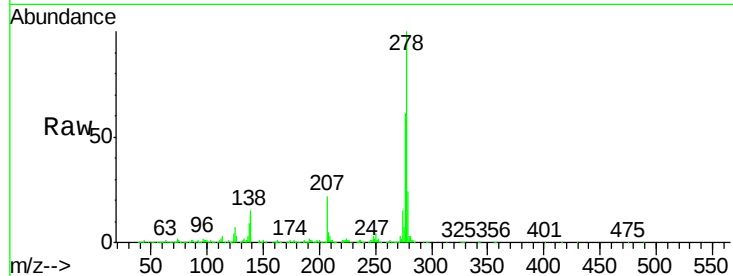
#90
Dibenzo(a,h)anthracene
Concen: 89.37 ng/ul
RT: 25.86 min Scan# 3940
Delta R.T. 0.02 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Instrument :
BNA_M
ClientSampleId :
SSTD08065

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.7	11.0	16.4
279	23.6	19.4	29.2

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 89.22 ng/ul
RT: 26.54 min Scan# 4056
Delta R.T. 0.02 min
Lab File: BM001513.D
Acq: 01 Jun 2015 22:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.3	14.2	21.2
277	23.9	18.6	27.8

