

Data Path : Z:\HPCHEM1\BNA_M\Data\BM010215\
 Data File : BM000110.D
 Acq On : 02 Jan 2015 12:38
 Operator : TP/IZ
 Sample : MDL-04-S-ML
 Misc : MDL-04-SOIL-4PPM-ML
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST02012

Quant Time: Jan 03 05:06:57 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 31 02:57:11 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	297565	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1334403	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	956218	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1936830	20.00	ng/ul	-0.01
75) Chrysene-d12	21.40	240	1737908	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	1333091	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	31526	6.14	ng/uL	-0.01
5) Phenol-d5	7.00	99	930872	36.11	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	584903	37.12	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	674966	36.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	735475	36.12	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	354132	38.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	387563	41.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	695257	33.28	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.77	131	972501	41.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2636892	37.39	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2954253	34.97	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	380332	33.38	ng/ul	0.00
57) Fluorene-d10	15.47	176	2106919	34.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	266292	27.72	ng/ul	0.00
70) Anthracene-d10	17.32	188	3202958	35.76	ng/ul	0.00
76) Pyrene-d10	19.61	212	3286059	40.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	2296322	38.17	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.35	88	21829	3.07 ng/uL	91
4) Benzaldehyde	6.98	77	64010	3.99 ng/ul	98
6) Phenol	7.02	94	86636	3.23 ng/ul	88
8) Bis(2-Chloroethyl)ether	7.26	93	71634	3.49 ng/ul	97
10) 2-Chlorophenol	7.40	128	60284	3.14 ng/ul	94
11) 2-Methylphenol	8.28	108	63489	3.07 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	114212	3.46 ng/ul#	95
14) Acetophenone	8.65	105	110363	3.18 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.64	70	61443	3.38 ng/ul	96
16) 4-Methylphenol	8.60	108	71496	3.19 ng/ul	95
17) Hexachloroethane	8.92	117	25026	2.85 ng/ul	99
20) Nitrobenzene	9.03	77	95870	3.48 ng/ul	94
21) Isophorone	9.56	82	165630	3.12 ng/ul	98
23) 2-Nitrophenol	9.74	139	35762	3.44 ng/ul	86
24) 2,4-Dimethylphenol	9.80	107	89047	3.15 ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.04	93	93617	3.17 ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	65089	3.13 ng/ul	90
28) Naphthalene	10.68	128	214983	3.16 ng/ul	99
30) 4-Chloroaniline	10.79	127	82301	3.37 ng/ul	94
31) Hexachlorobutadiene	10.96	225	48941	3.32 ng/ul	89
32) Caprolactam	11.58	113	15687	2.27 ng/ul	95
33) 4-Chloro-3-methylphenol	11.90	107	76085	2.99 ng/ul	98
34) 2-Methylnaphthalene	12.29	142	158703	3.15 ng/ul	99

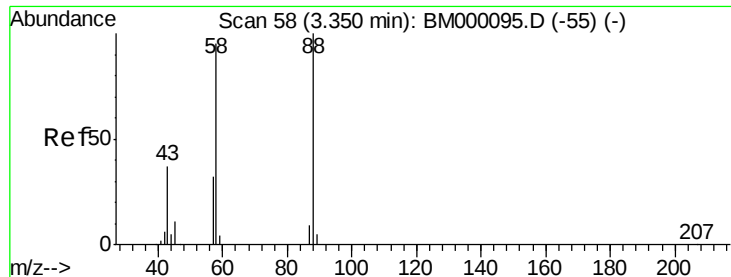
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	84911	3.20	ng/ul#	95
37) Hexachlorocyclopentadiene	12.64	237	36392	2.08	ng/ul	96
38) 2,4,6-Trichlorophenol	12.89	196	48501	2.87	ng/ul	97
39) 2,4,5-Trichlorophenol	12.96	196	53812	2.93	ng/ul	97
40) 1,1'-Biphenyl	13.30	154	217009	3.15	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	166554	3.15	ng/ul	99
42) 2-Nitroaniline	13.55	65	51277	3.00	ng/ul	96
44) Dimethylphthalate	13.92	163	237776	3.38	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	40317	3.21	ng/ul	93
47) Acenaphthylene	14.20	152	269503	3.03	ng/ul	99
48) 3-Nitroaniline	14.37	138	42195	3.28	ng/ul	97
49) Acenaphthene	14.54	153	179418	3.16	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	9281	1.45	ng/ul	90
52) 4-Nitrophenol	14.68	109	47575	3.14	ng/ul	97
53) Dibenzofuran	14.87	168	253309	3.08	ng/ul	97
54) 2,4-Dinitrotoluene	14.83	165	61123	3.26	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.09	232	44910	2.83	ng/ul	98
56) Diethylphthalate	15.29	149	239821	3.25	ng/ul	99
58) Fluorene	15.52	166	210553	3.09	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	107343	3.19	ng/ul	97
60) 4-Nitroaniline	15.53	138	43699	3.01	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.59	198	24628	2.51	ng/ul#	65
64) N-Nitrosodiphenylamine	15.73	169	180428	3.21	ng/ul	98
65) 4-Bromophenyl-phenylether	16.40	248	61381	3.11	ng/ul#	82
66) Hexachlorobenzene	16.52	284	73331	3.22	ng/ul	98
67) Atrazine	16.68	200	69541	3.14	ng/ul	99
68) Pentachlorophenol	16.86	266	27154	1.96	ng/ul	95
69) Phenanthrene	17.26	178	337392	3.22	ng/ul	98
71) Anthracene	17.35	178	334678	3.10	ng/ul	98
72) Carbazole	17.61	167	309643	3.19	ng/ul	98
73) Di-n-butylphthalate	18.17	149	382884	3.31	ng/ul	98
74) Fluoranthene	19.27	202	385340	3.21	ng/ul	99
77) Pyrene	19.64	202	383865	3.66	ng/ul	100
78) Butylbenzylphthalate	20.54	149	154157	3.62	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.32	252	89142	2.81	ng/ul	97
80) Benzo(a)anthracene	21.39	228	328623	3.28	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	210959	3.41	ng/ul#	95
82) Chrysene	21.43	228	295380	3.19	ng/ul	98
84) Di-n-octyl phthalate	22.21	149	308154	3.36	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	272493	3.20	ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	255793	3.52	ng/ul	99
88) Benzo(a)pyrene	23.59	252	257512	3.45	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	259666	3.33	ng/ul	97
90) Dibenzo(a,h)anthracene	26.04	278	221413	3.37	ng/ul	97
91) Benzo(g,h,i)perylene	26.73	276	211898	3.31	ng/ul	99

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



#2

1,4-Dioxane

Concen: 3.07 ng/uL

RT: 3.35 min Scan# 58

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

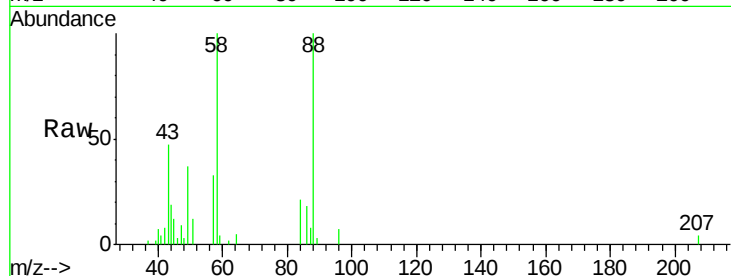
Tgt Ion: 88 Resp: 21829

Ion Ratio Lower Upper

88 100

43 35.5 34.9 52.3

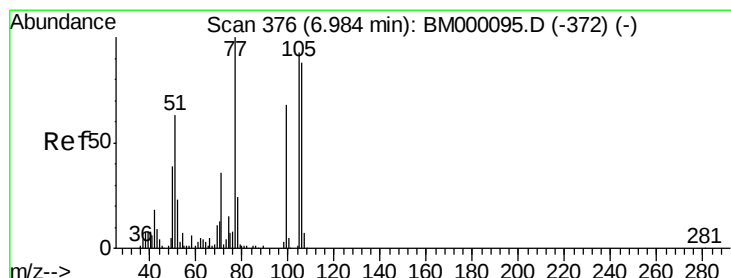
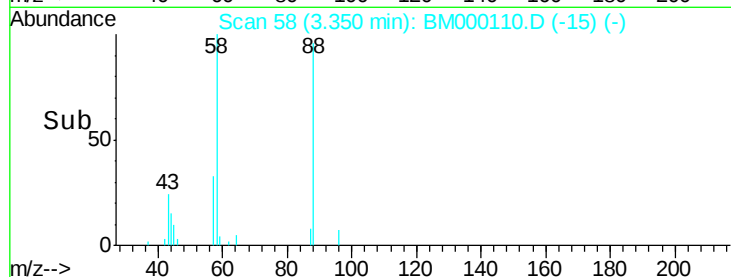
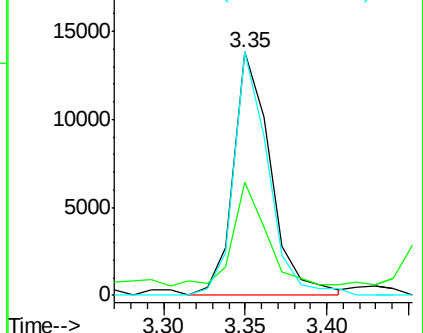
58 91.0 67.3 100.9



Abundance Ion 88.00 (87.70 to 88.70): BM000110.D (-359) (-)

Ion 43.00 (42.70 to 43.70): BM000110.D (-359) (-)

Ion 58.00 (57.70 to 58.70): BM000110.D (-359) (-)



#4

Benzaldehyde

Concen: 3.99 ng/uL

RT: 6.98 min Scan# 376

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

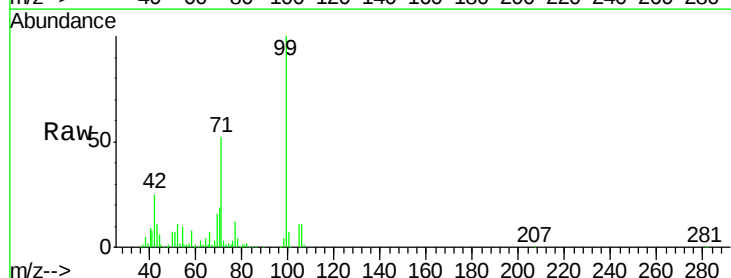
Tgt Ion: 77 Resp: 64010

Ion Ratio Lower Upper

77 100

105 92.0 73.5 110.3

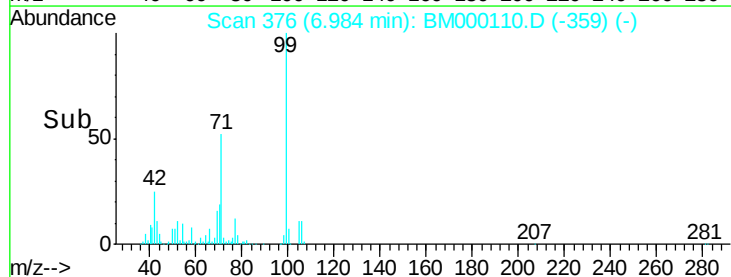
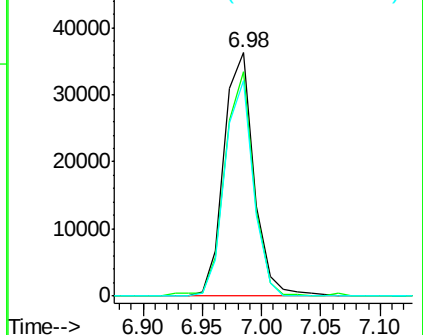
106 88.5 67.9 101.9

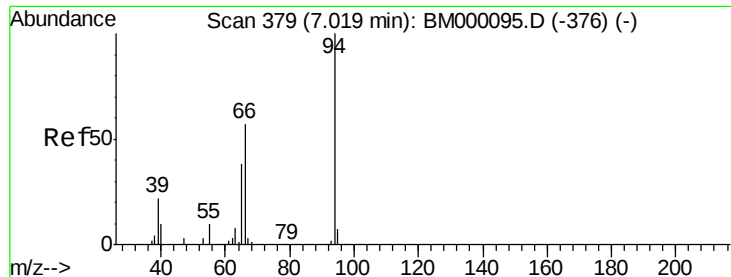


Abundance Ion 77.00 (76.70 to 77.70): BM000110.D (-359) (-)

Ion 105.00 (104.70 to 105.70): BM000110.D (-359) (-)

Ion 106.00 (105.70 to 106.70): BM000110.D (-359) (-)





#6

Phenol

Concen: 3.23 ng/ul

RT: 7.02 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

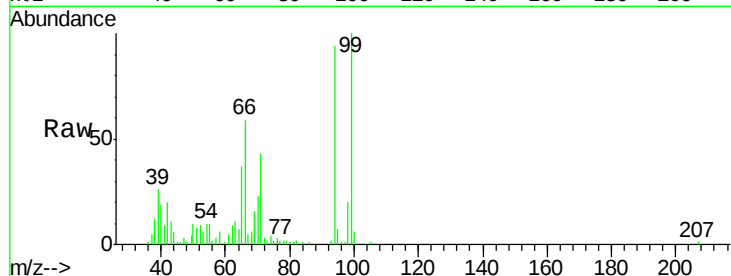
Tgt Ion: 94 Resp: 86636

Ion Ratio Lower Upper

94 100

65 39.6 27.4 41.0

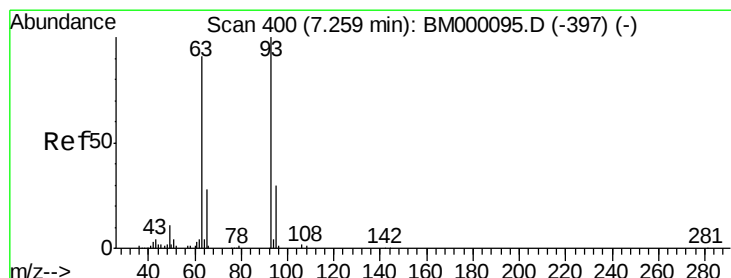
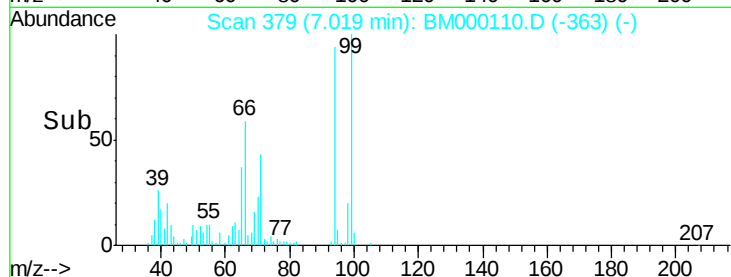
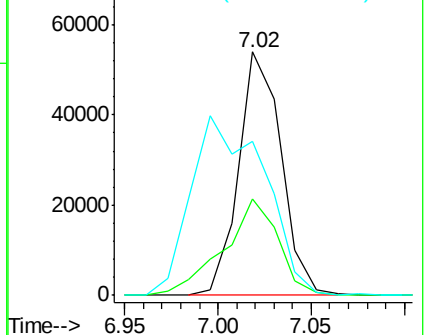
66 63.1 42.5 63.7



Abundance Ion 94.00 (93.70 to 94.70): BM000110.D (-376) (-)

Ion 65.00 (64.70 to 65.70): BM000110.D (-376) (-)

Ion 66.00 (65.70 to 66.70): BM000110.D (-376) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 3.49 ng/ul

RT: 7.26 min Scan# 400

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

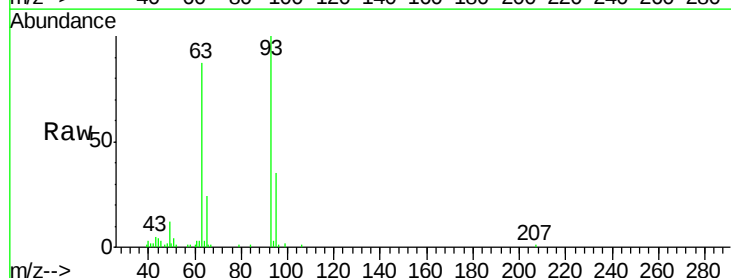
Tgt Ion: 93 Resp: 71634

Ion Ratio Lower Upper

93 100

63 87.1 68.9 103.3

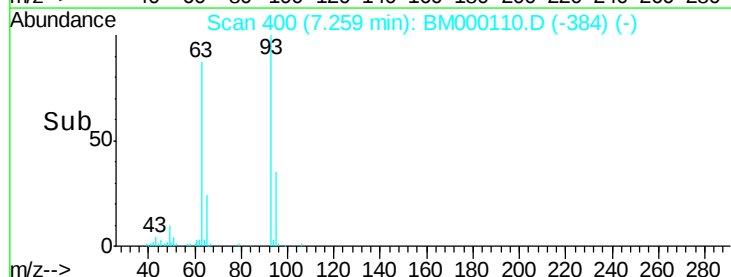
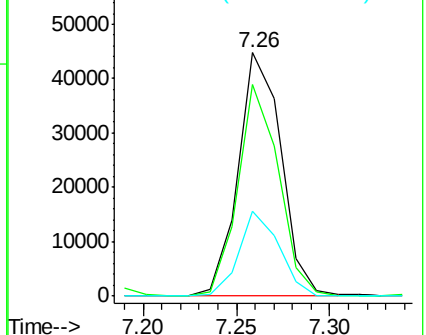
95 34.9 24.6 37.0

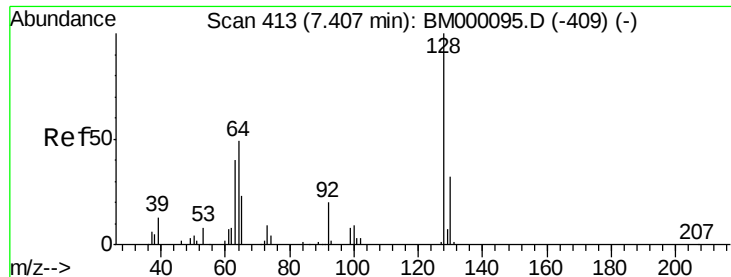


Abundance Ion 93.00 (92.70 to 93.70): BM000110.D (-384) (-)

Ion 63.00 (62.70 to 63.70): BM000110.D (-384) (-)

Ion 95.00 (94.70 to 95.70): BM000110.D (-384) (-)

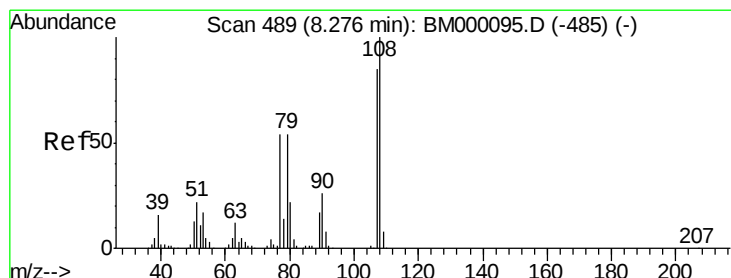
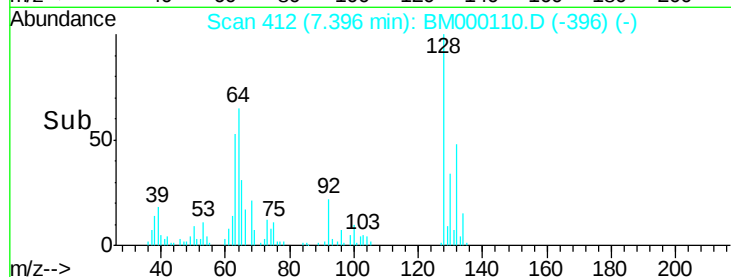
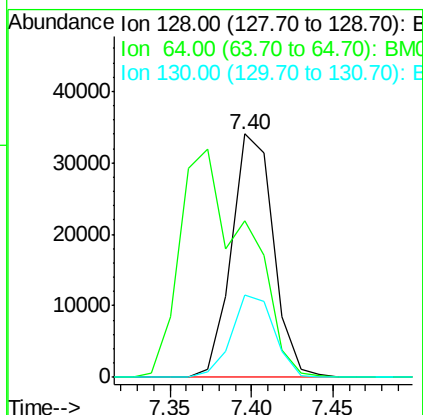
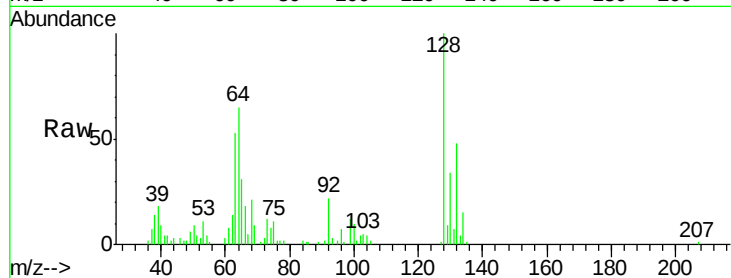




#10
2-Chlorophenol
Concen: 3.14 ng/ul
RT: 7.40 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 12:38

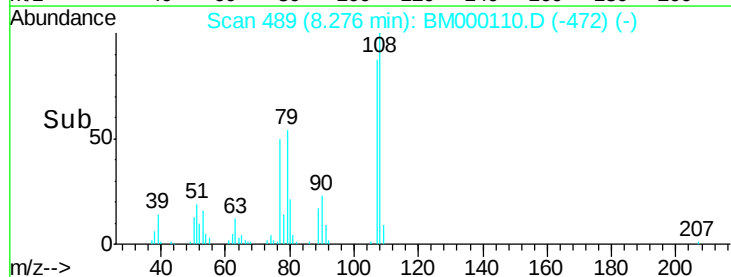
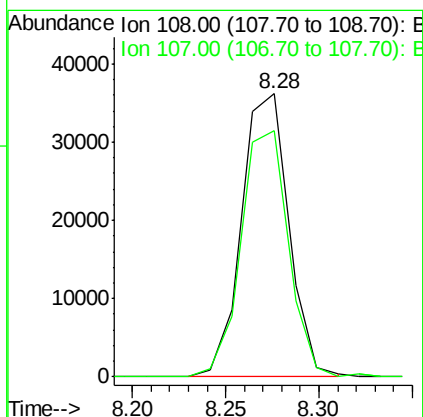
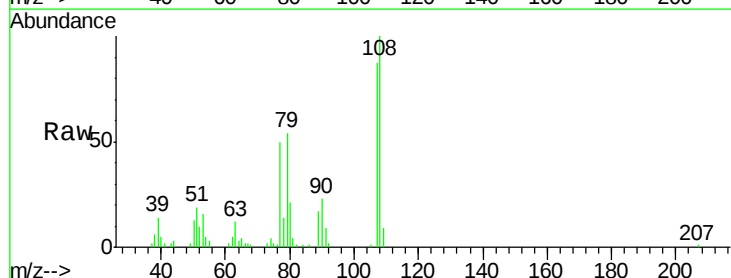
Instrument :
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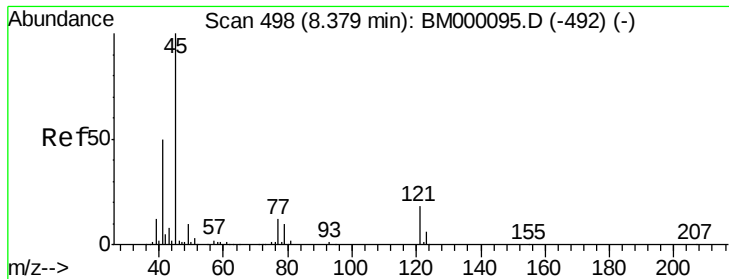
Tgt Ion:128 Resp: 60284
Ion Ratio Lower Upper
128 100
64 64.6 47.2 70.8
130 33.6 25.2 37.8



#11
2-Methylphenol
Concen: 3.07 ng/ul
RT: 8.28 min Scan# 489
Delta R.T. -0.00 min
Lab File: BM000110.D
Acq: 02 Jan 2015 12:38

Tgt Ion:108 Resp: 63489
Ion Ratio Lower Upper
108 100
107 86.9 70.7 106.1





#12

2,2'-oxybis(1-Chloropropane)

Concen: 3.46 ng/ul

RT: 8.37 min Scan# 497

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

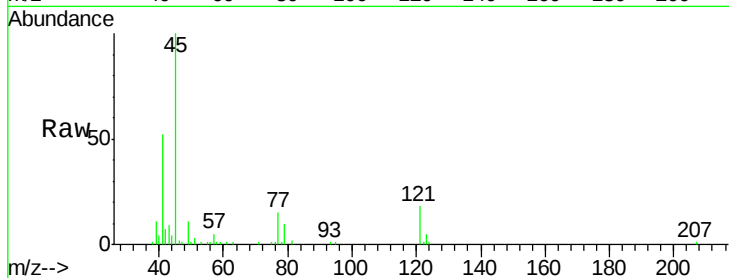
Tgt Ion: 45 Resp: 114212

Ion Ratio Lower Upper

45 100

77 15.0 9.9 14.9#

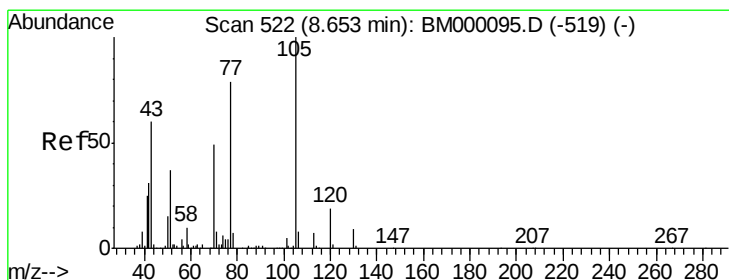
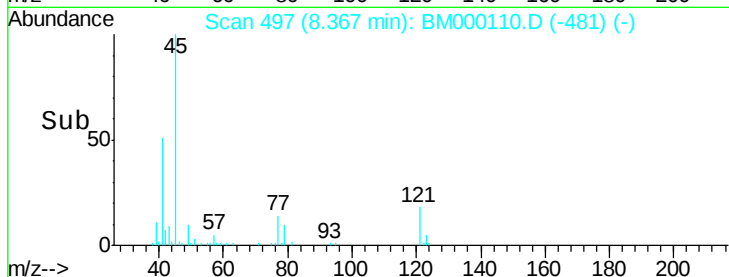
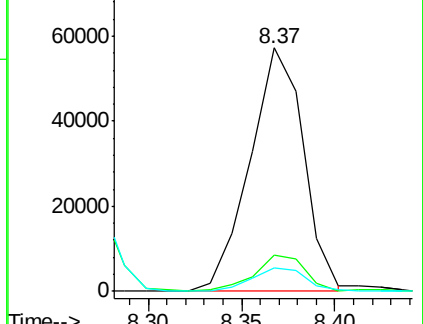
79 9.6 8.3 12.5



Abundance Ion 45.00 (44.70 to 45.70): BM000095.D (-492) (-)

Ion 77.00 (76.70 to 77.70): BM000095.D (-492) (-)

Ion 79.00 (78.70 to 79.70): BM000095.D (-492) (-)



#14

Acetophenone

Concen: 3.18 ng/ul

RT: 8.65 min Scan# 522

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

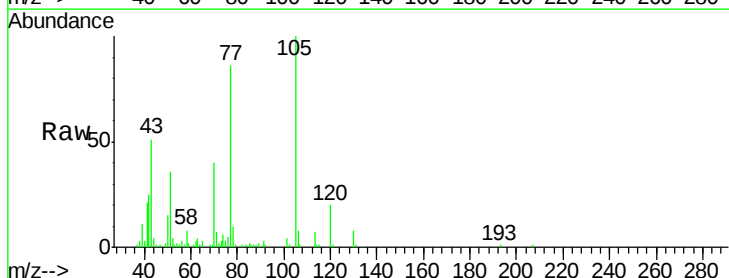
Tgt Ion: 105 Resp: 110363

Ion Ratio Lower Upper

105 100

77 86.1 66.3 99.5

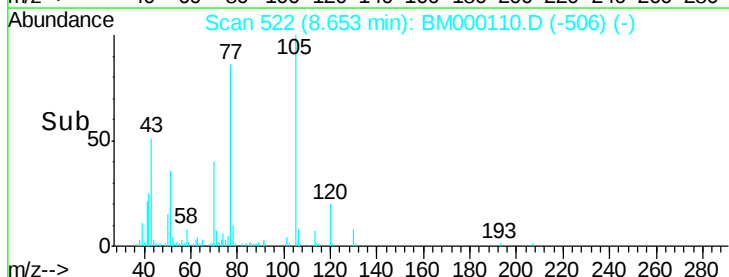
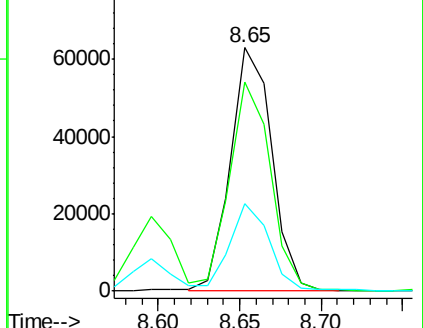
51 35.8 26.5 39.7

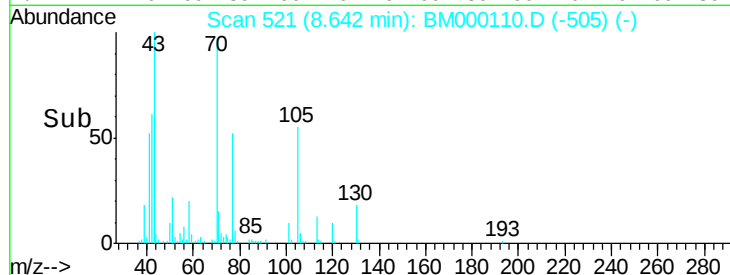
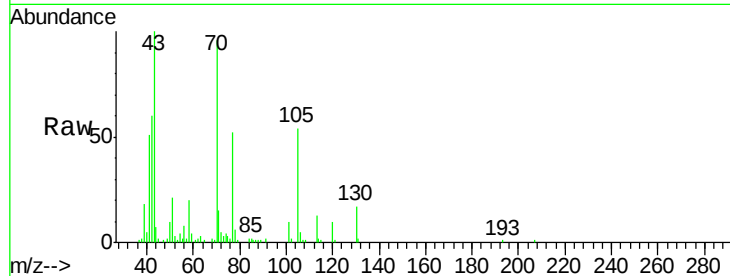
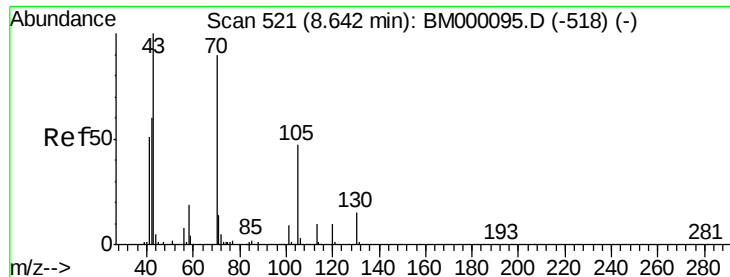


Abundance Ion 105.00 (104.70 to 105.70): BM000095.D (-519) (-)

Ion 77.00 (76.70 to 77.70): BM000095.D (-519) (-)

Ion 51.00 (50.70 to 51.70): BM000095.D (-519) (-)

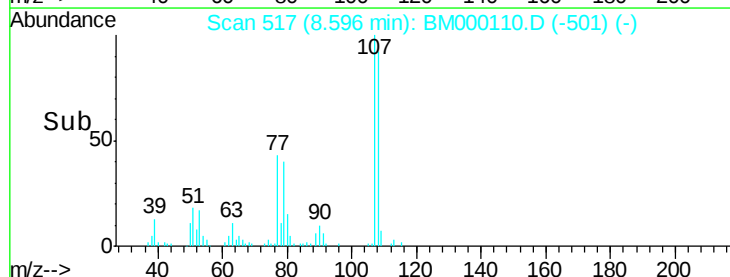
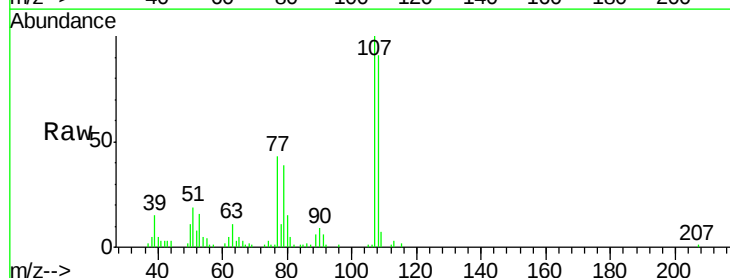
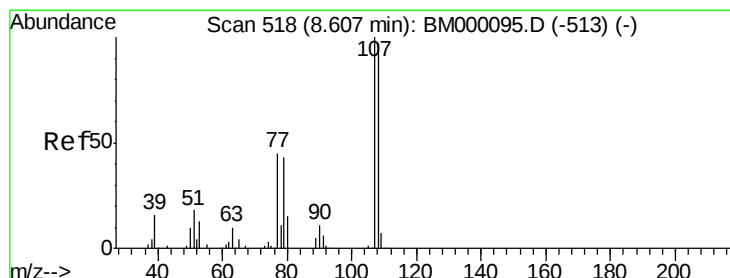
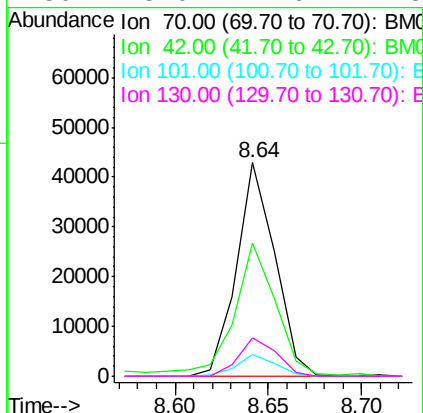




#15
N-Nitroso-di-n-propylamine
Concen: 3.38 ng/ul
RT: 8.64 min Scan# 521
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 12:38

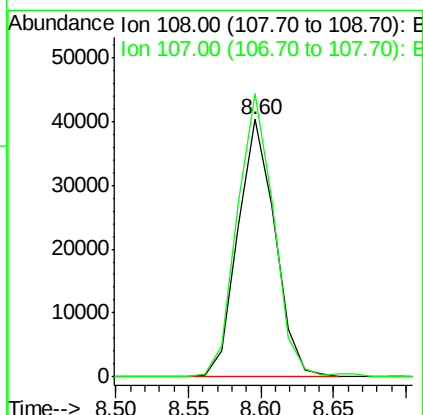
Instrument :
BNA_M
ClientSampleId :
SSTD02012

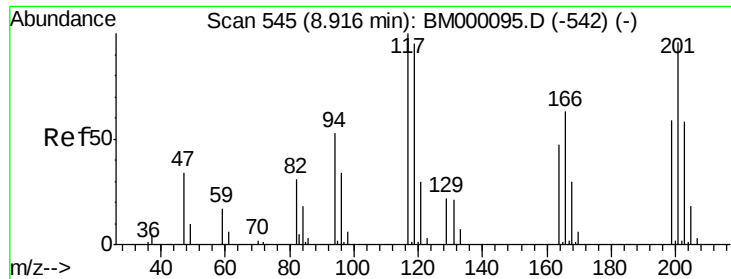
Tgt Ion:	70	Resp:	61443
Ion	Ratio	Lower	Upper
70	100		
42	62.6	46.4	69.6
101	10.0	7.8	11.8
130	18.0	14.6	21.8



#16
4-Methylphenol
Concen: 3.19 ng/ul
RT: 8.60 min Scan# 517
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 12:38

Tgt Ion:	108	Resp:	71496
Ion	Ratio	Lower	Upper
108	100		
107	109.8	84.0	126.0

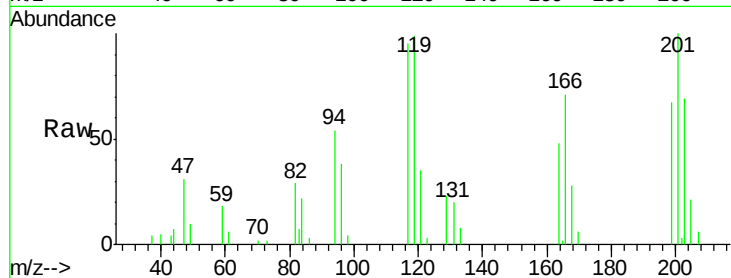




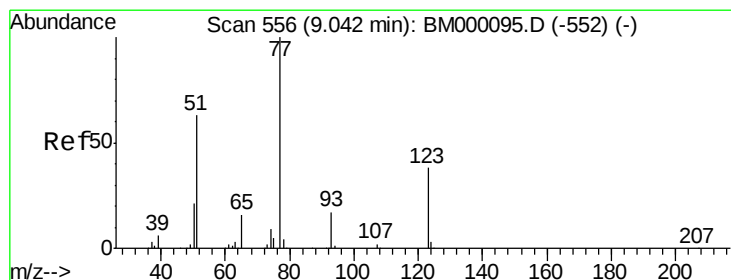
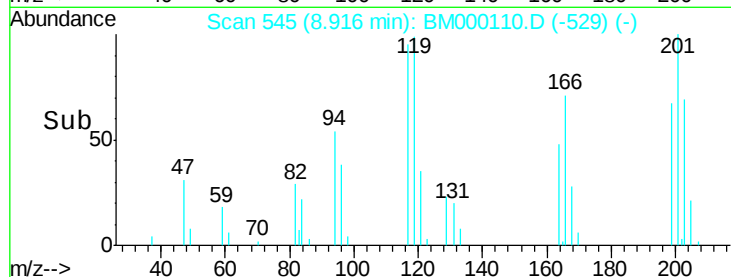
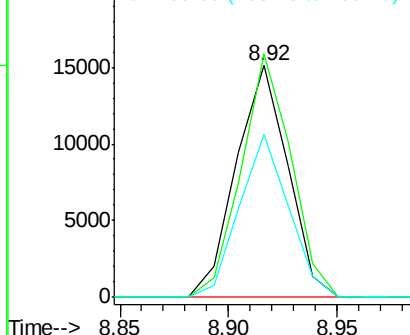
#17
Hexachloroethane
Concen: 2.85 ng/ul
RT: 8.92 min Scan# 545
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 12:38

Instrument :
BNA_M
ClientSampleId :
SSTD02012

Tgt Ion:117 Resp: 25026
Ion Ratio Lower Upper
117 100
201 105.2 85.2 127.8
199 70.3 55.1 82.7

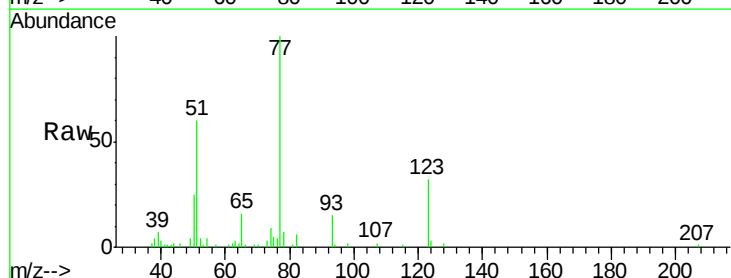


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

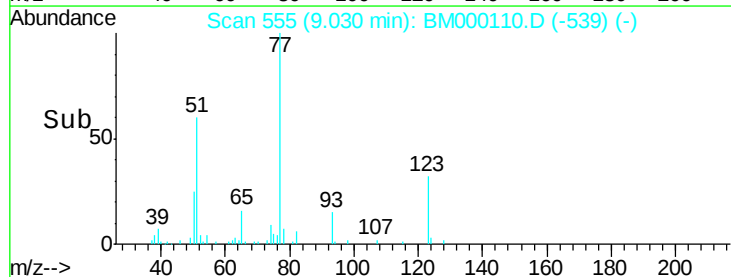
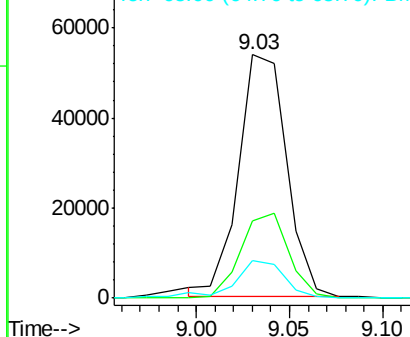


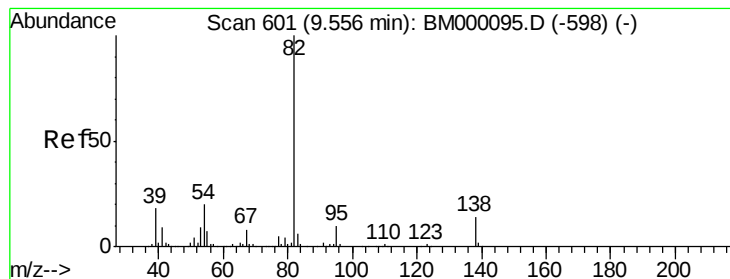
#20
Nitrobenzene
Concen: 3.48 ng/ul
RT: 9.03 min Scan# 555
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 12:38

Tgt Ion: 77 Resp: 95870
Ion Ratio Lower Upper
77 100
123 31.6 29.2 43.8
65 15.7 12.4 18.6



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





#21

Isophorone

Concen: 3.12 ng/ul

RT: 9.56 min Scan# 601

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

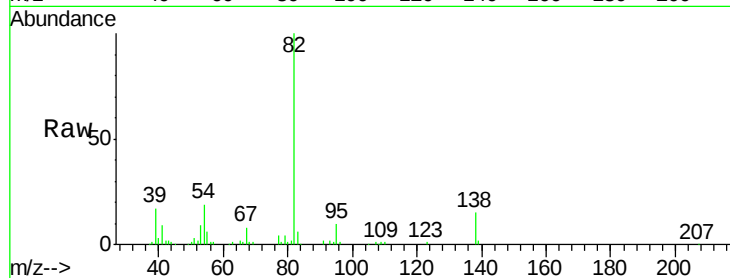
Tgt Ion: 82 Resp: 165630

Ion Ratio Lower Upper

82 100

95 10.2 6.9 10.3

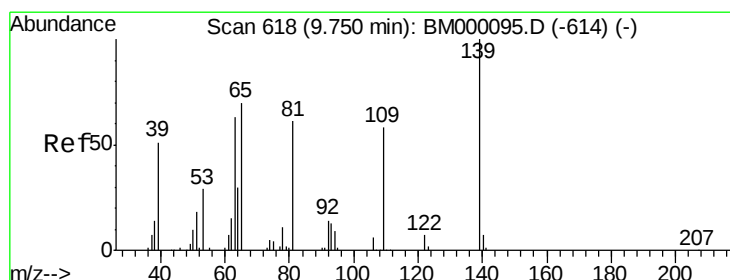
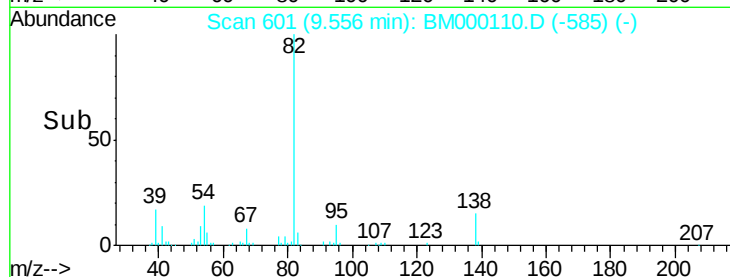
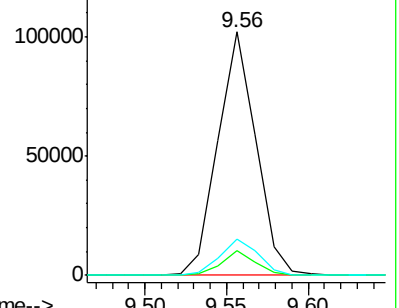
138 15.2 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BM000110.D (-585) (-)

Ion 95.00 (94.70 to 95.70): BM000110.D (-585) (-)

Ion 138.00 (137.70 to 138.70): BM000110.D (-585) (-)



#23

2-Nitrophenol

Concen: 3.44 ng/ul

RT: 9.74 min Scan# 617

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

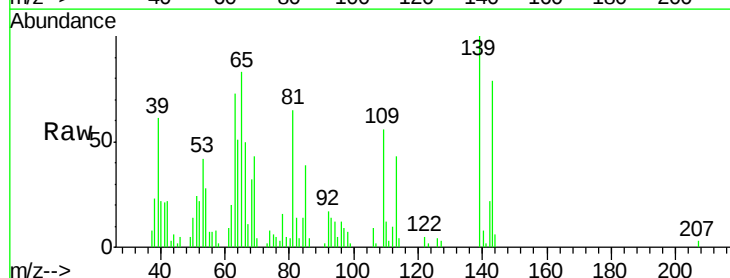
Tgt Ion: 139 Resp: 35762

Ion Ratio Lower Upper

139 100

65 82.7 56.3 84.5

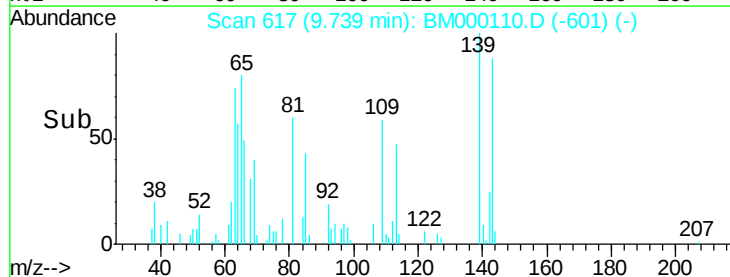
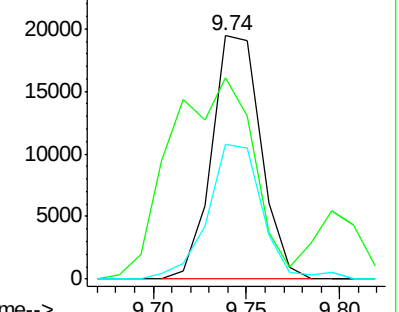
109 55.5 37.1 55.7

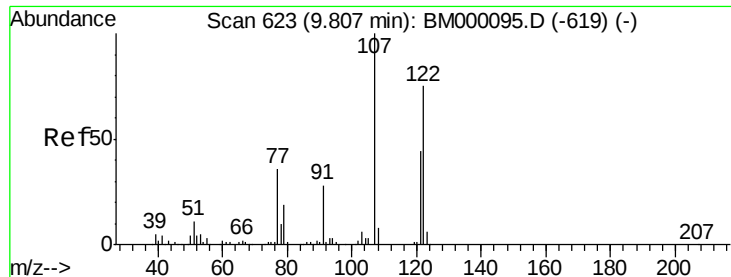


Abundance Ion 139.00 (138.70 to 139.70): BM000110.D (-601) (-)

Ion 65.00 (64.70 to 65.70): BM000110.D (-601) (-)

Ion 109.00 (108.70 to 109.70): BM000110.D (-601) (-)





#24

2,4-Dimethylphenol

Concen: 3.15 ng/ul

RT: 9.80 min Scan# 622

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

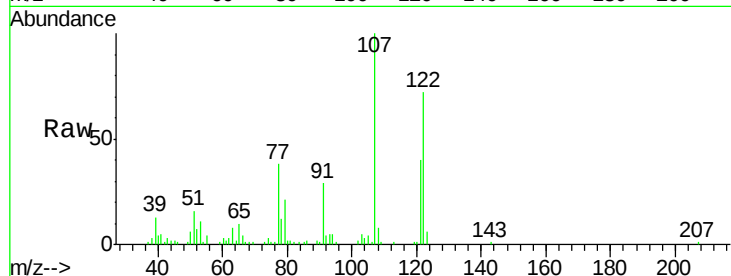
Tgt Ion: 107 Resp: 89047

Ion Ratio Lower Upper

107 100

121 40.2 33.0 49.6

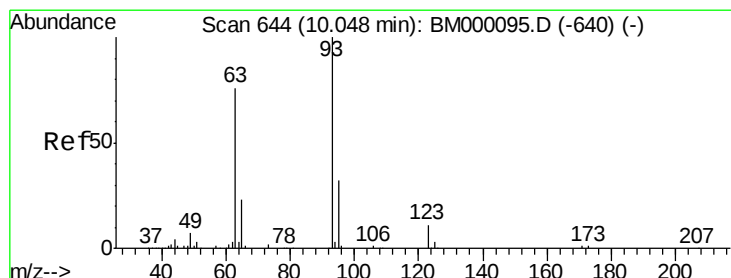
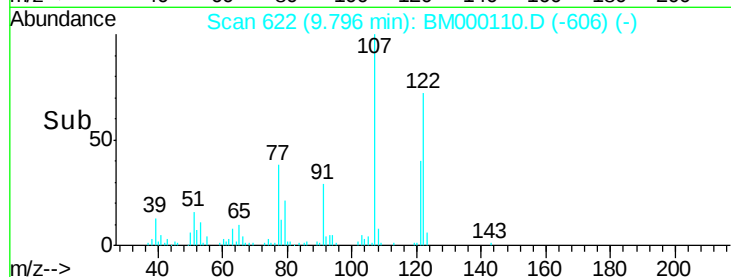
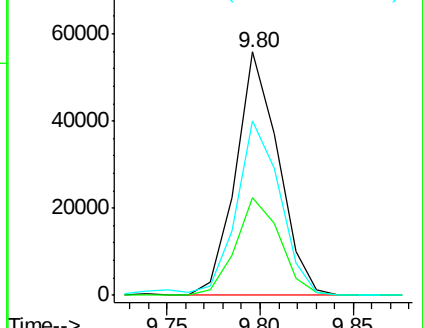
122 71.9 59.3 88.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 3.17 ng/ul

RT: 10.04 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

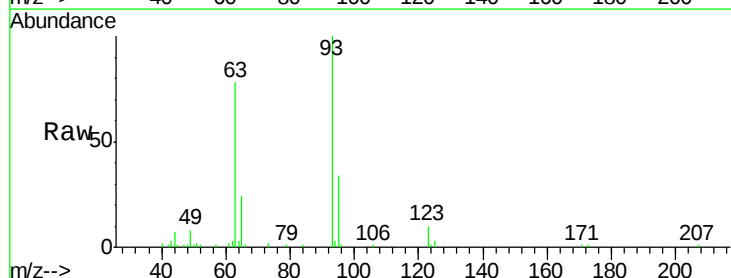
Tgt Ion: 93 Resp: 93617

Ion Ratio Lower Upper

93 100

95 33.5 26.1 39.1

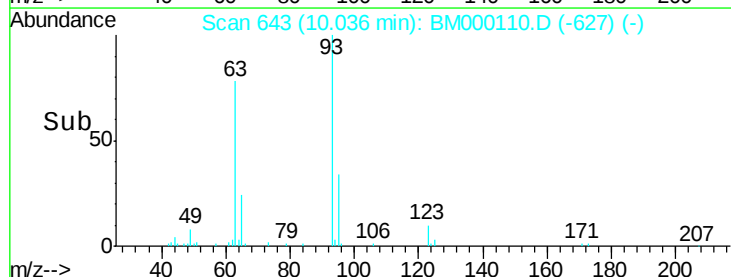
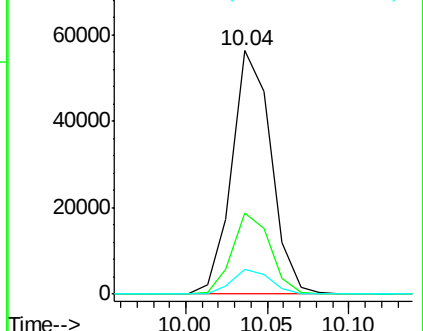
123 10.2 7.4 11.2

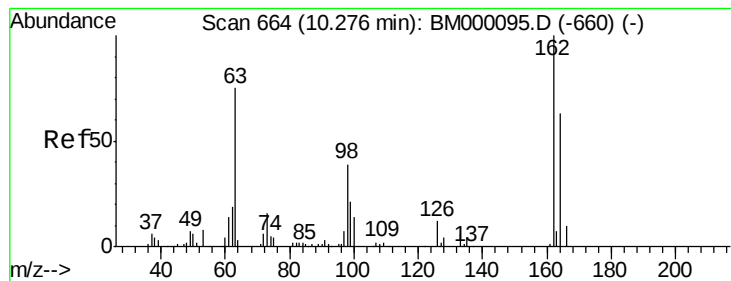


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 3.13 ng/ul

RT: 10.28 min Scan# 664

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

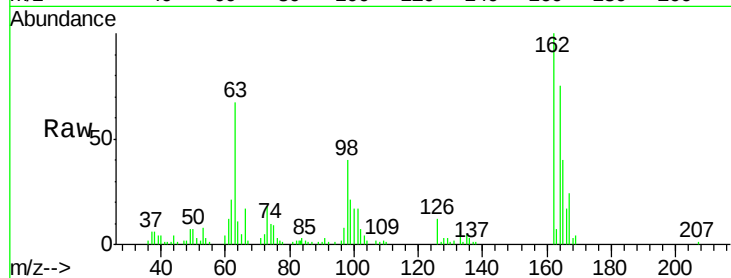
Tgt Ion:162 Resp: 65089

Ion Ratio Lower Upper

162 100

164 75.0 50.2 75.4

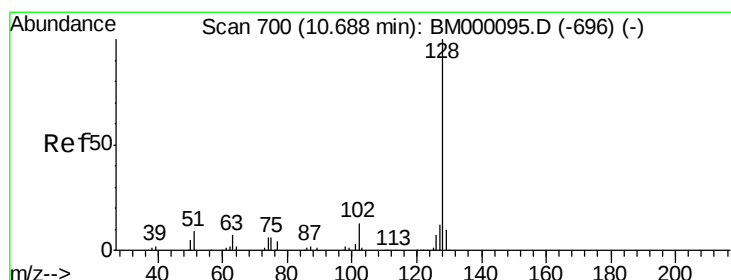
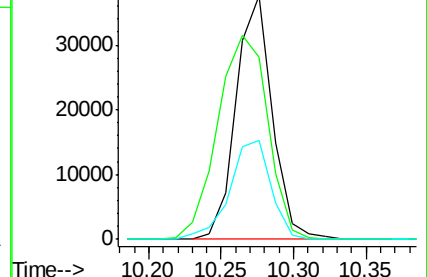
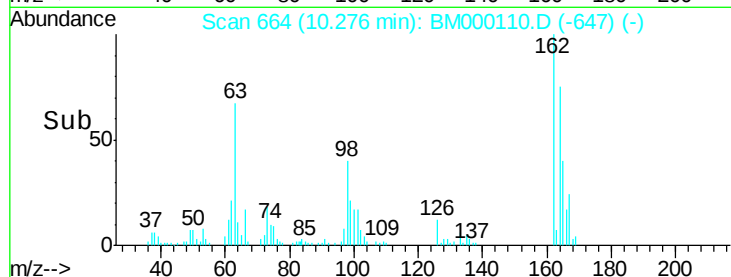
98 40.4 31.4 47.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 3.16 ng/ul

RT: 10.68 min Scan# 699

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

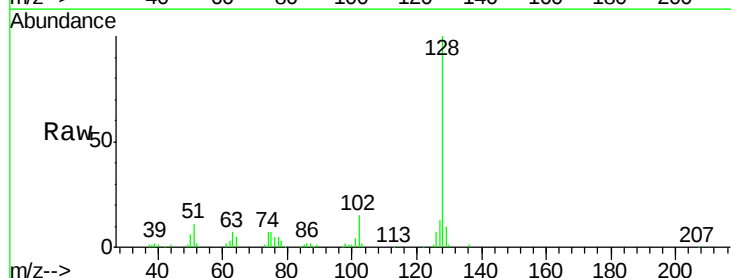
Tgt Ion:128 Resp: 214983

Ion Ratio Lower Upper

128 100

129 10.2 8.6 13.0

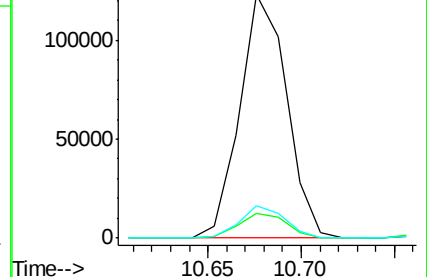
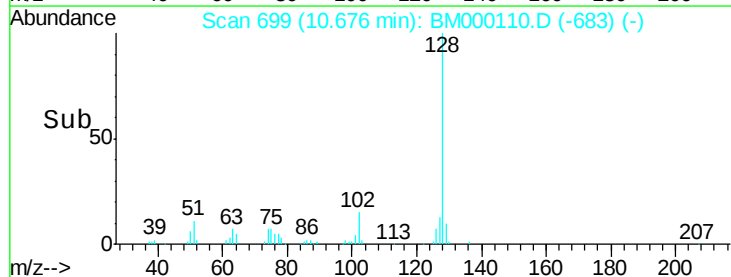
127 13.5 10.3 15.5

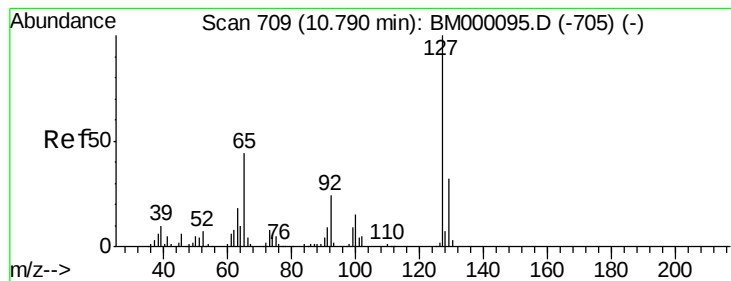


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 3.37 ng/ul

RT: 10.79 min Scan# 709

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

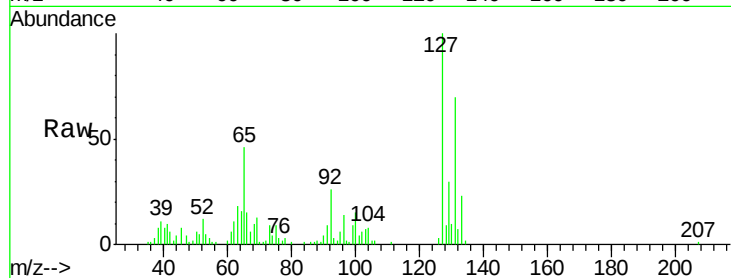
SSTD02012

Tgt Ion:127 Resp: 82301

Ion Ratio Lower Upper

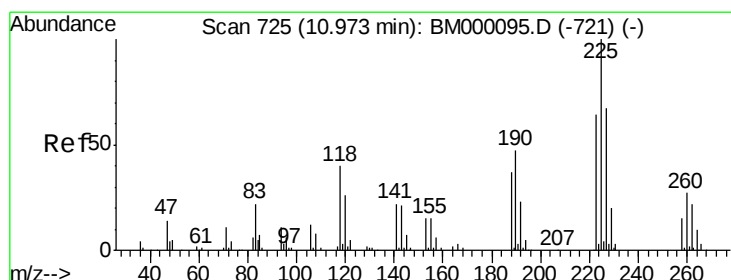
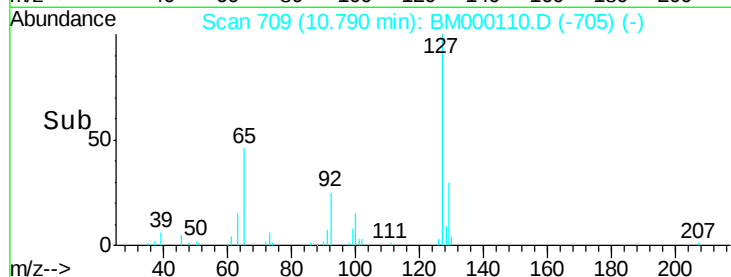
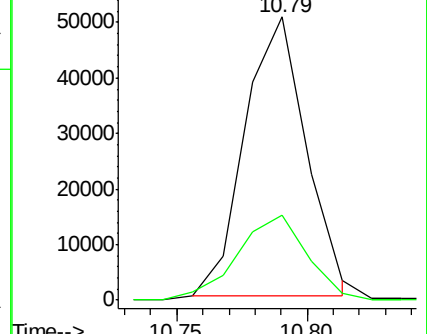
127 100

129 29.8 26.5 39.7



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 3.32 ng/ul

RT: 10.96 min Scan# 724

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

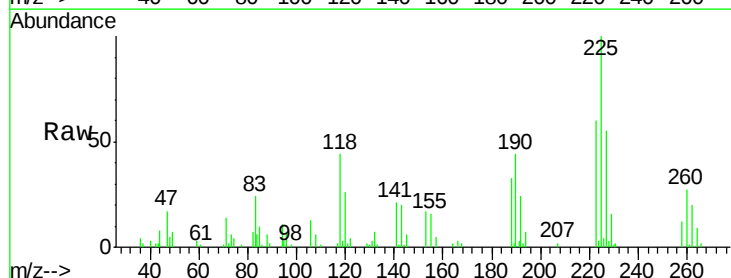
Tgt Ion:225 Resp: 48941

Ion Ratio Lower Upper

225 100

223 59.6 54.4 81.6

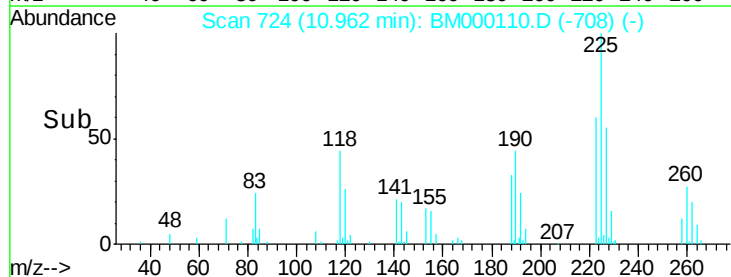
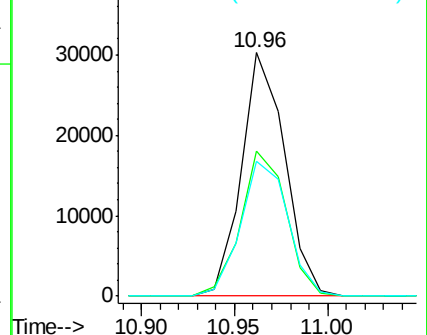
227 55.3 51.8 77.8

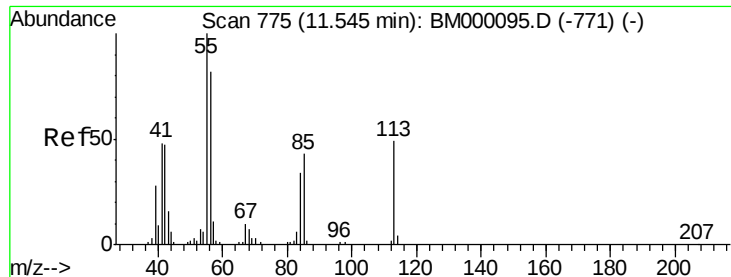


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 2.27 ng/ul

RT: 11.58 min Scan# 775

Delta R.T. 0.03 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

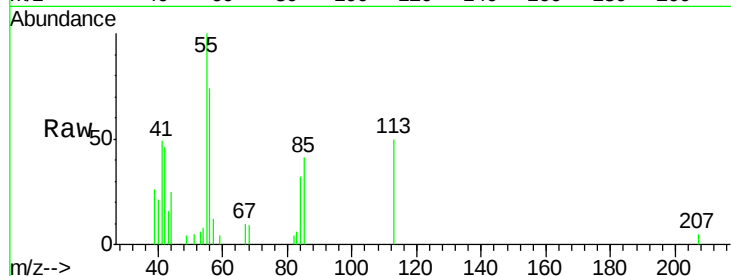
Tgt Ion:113 Resp: 15687

Ion Ratio Lower Upper

113 100

55 199.1 156.6 234.8

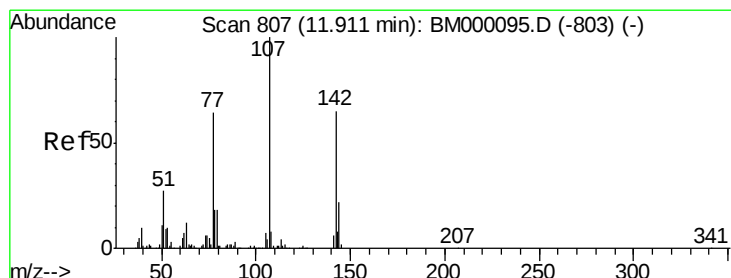
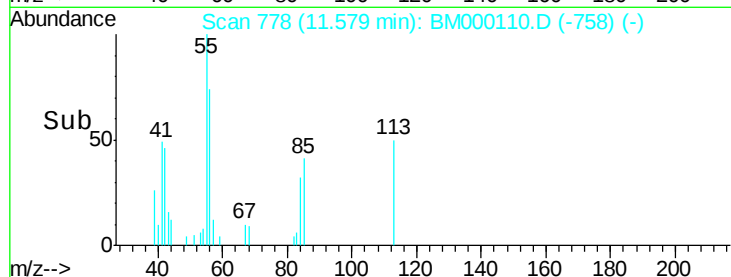
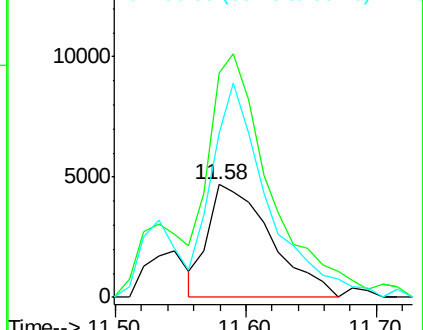
56 146.5 126.3 189.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 2.99 ng/ul

RT: 11.90 min Scan# 806

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

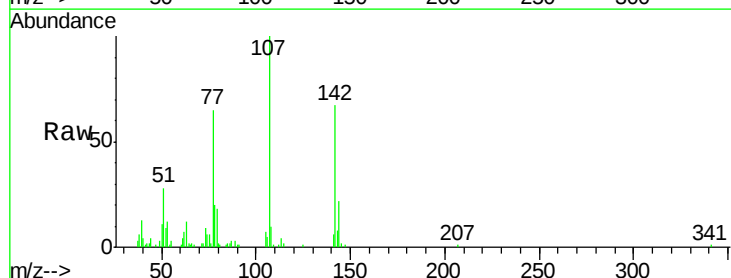
Tgt Ion:107 Resp: 76085

Ion Ratio Lower Upper

107 100

144 22.1 16.6 24.8

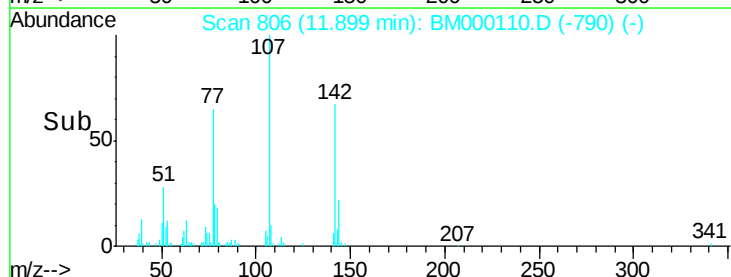
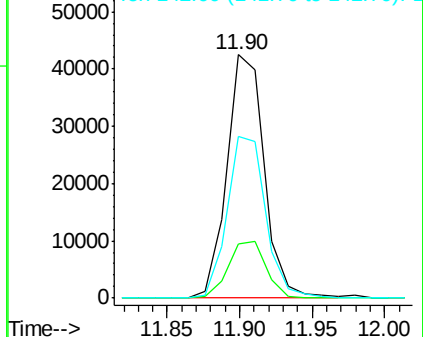
142 66.6 54.6 82.0

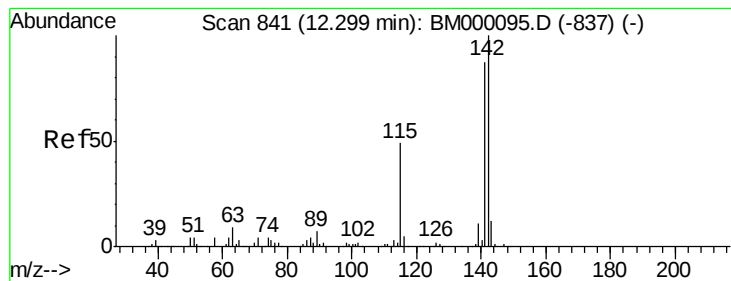


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 3.15 ng/ul

RT: 12.29 min Scan# 840

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampled :

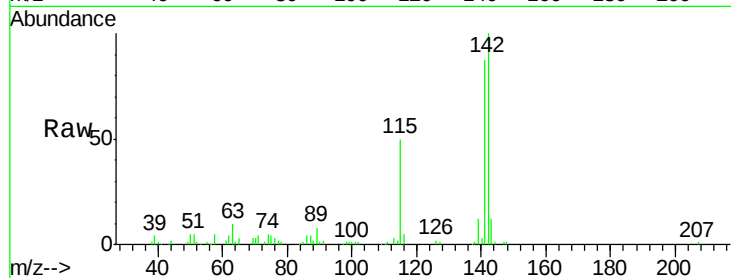
SSTD02012

Tgt Ion:142 Resp: 158703

Ion Ratio Lower Upper

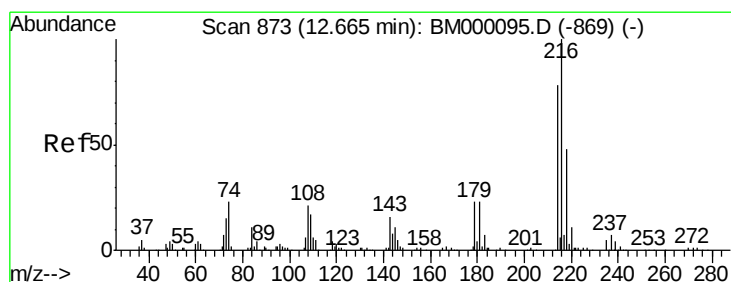
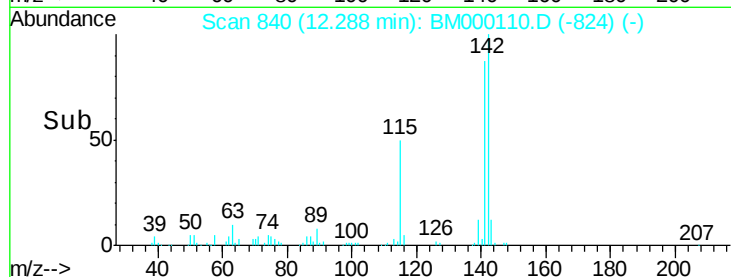
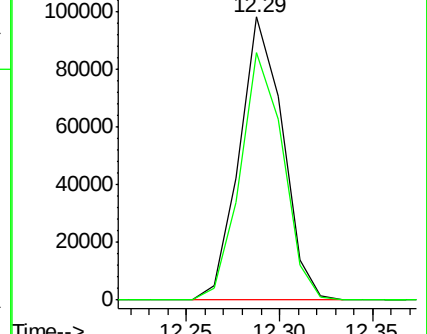
142 100

141 87.5 69.3 103.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 3.20 ng/ul

RT: 12.65 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Tgt Ion:216 Resp: 84911

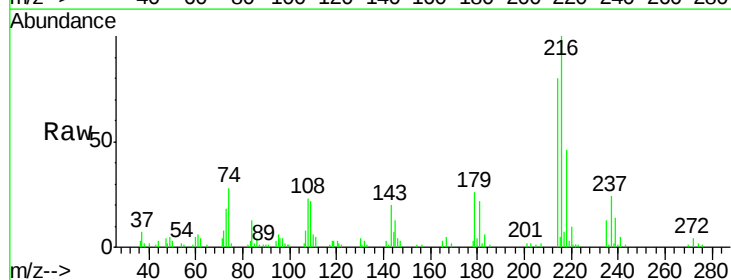
Ion Ratio Lower Upper

216 100

214 79.7 62.6 94.0

179 25.6 17.4 26.2

108 22.7 13.4 20.0#

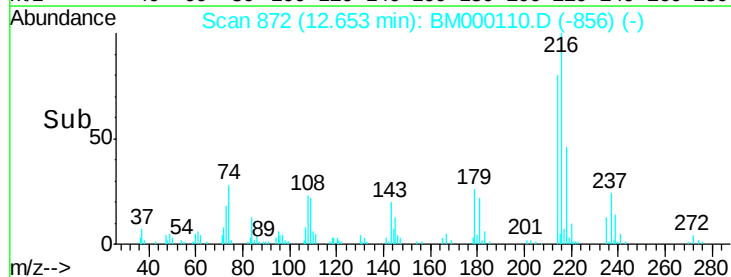
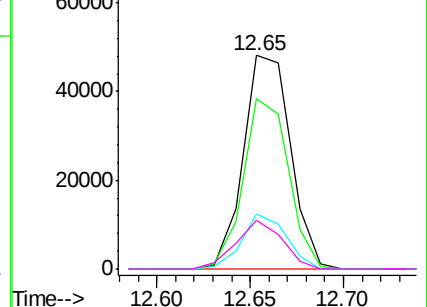


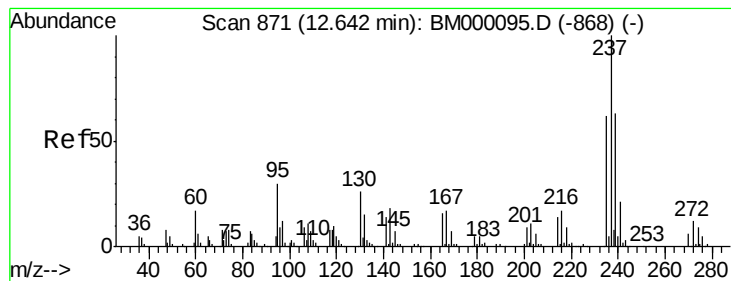
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#37

Hexachlorocyclopentadiene

Concen: 2.08 ng/ul

RT: 12.64 min Scan# 871

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

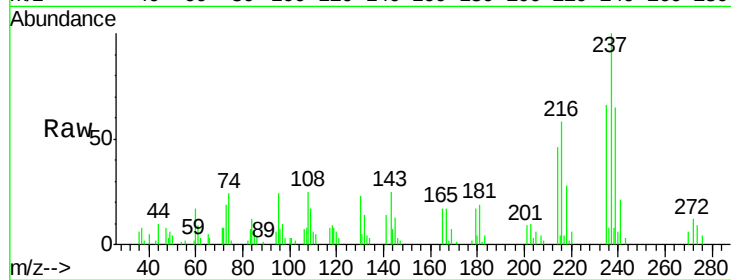
Tgt Ion:237 Resp: 36392

Ion Ratio Lower Upper

237 100

235 65.9 50.0 75.0

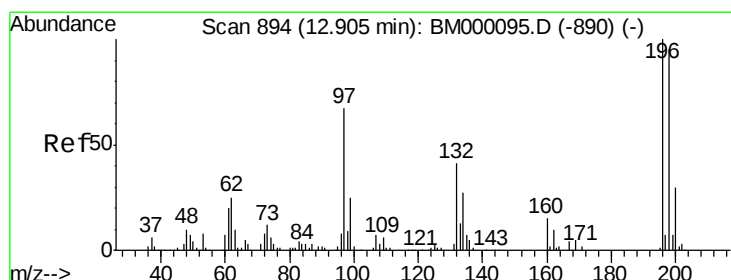
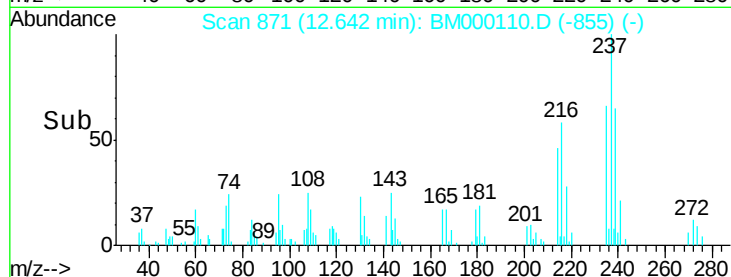
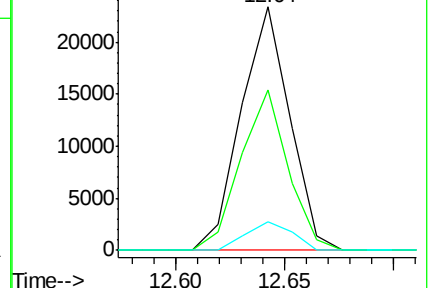
272 12.0 8.9 13.3



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 2.87 ng/ul

RT: 12.89 min Scan# 893

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

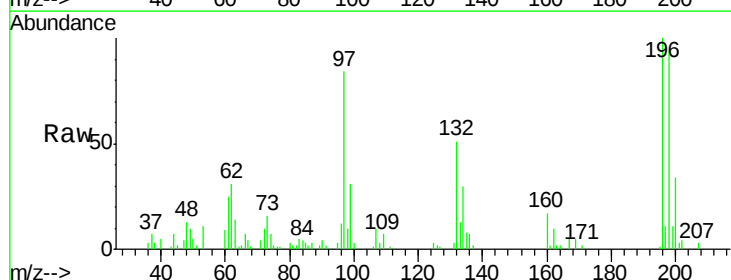
Tgt Ion:196 Resp: 48501

Ion Ratio Lower Upper

196 100

198 94.1 76.6 114.8

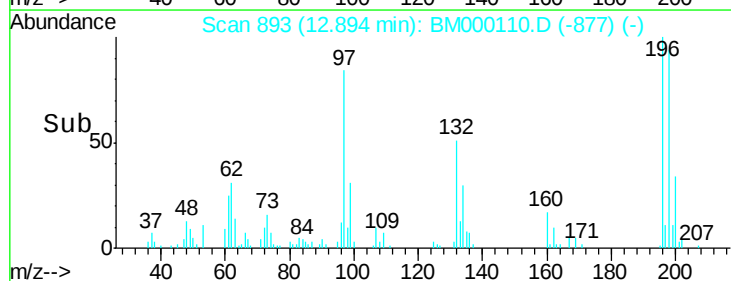
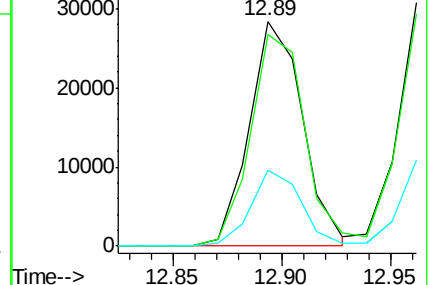
200 33.8 24.5 36.7

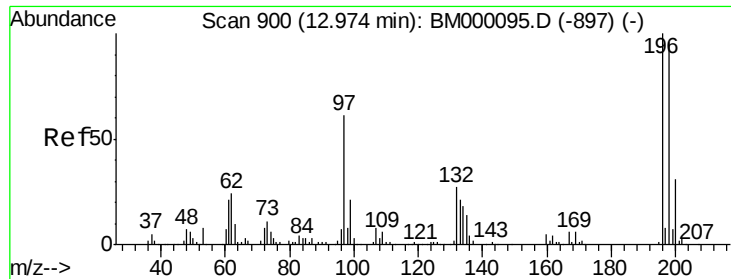


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

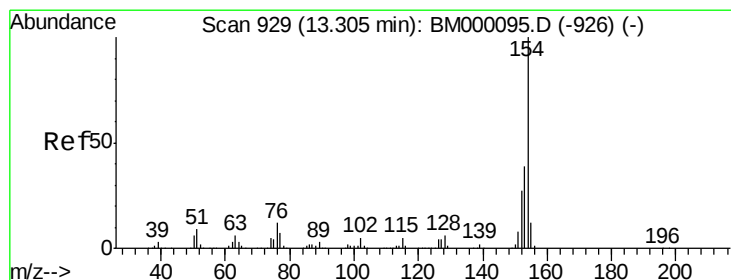
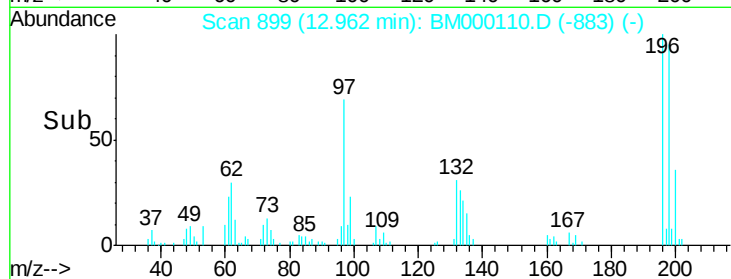
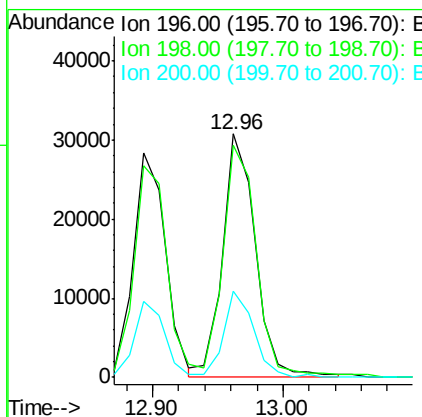
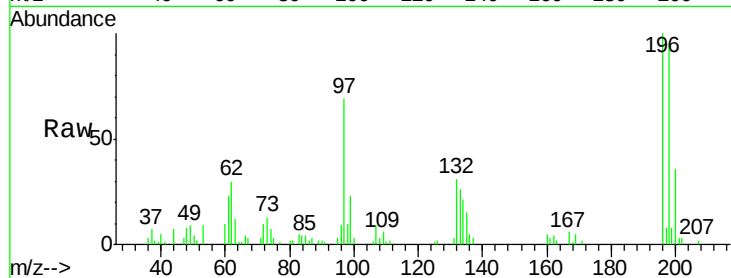




#39
 2,4,5-Trichlorophenol
 Concen: 2.93 ng/ul
 RT: 12.96 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 12:38

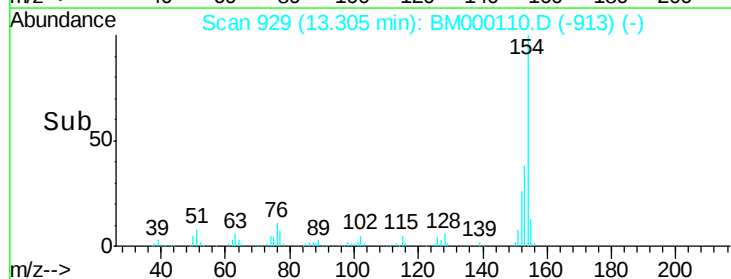
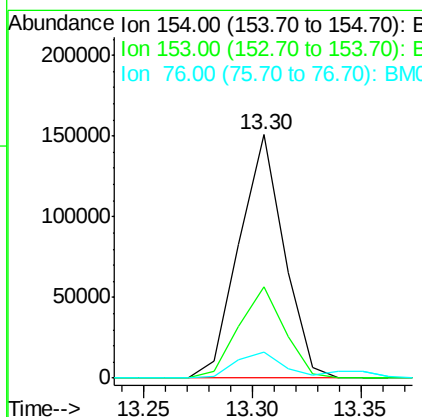
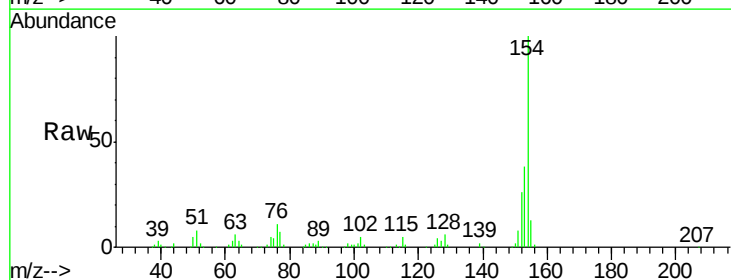
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02012

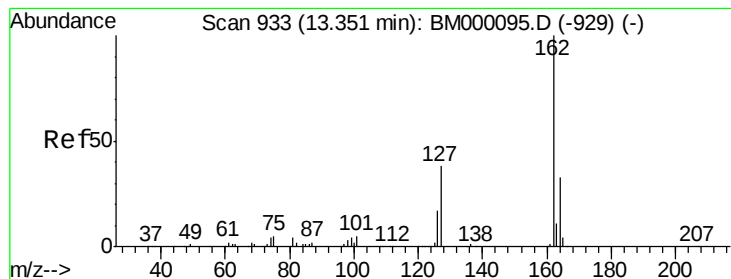
Tgt Ion:196 Resp: 53812
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.4 113.2
 200 35.5 25.0 37.4



#40
 1,1'-Biphenyl
 Concen: 3.15 ng/ul
 RT: 13.30 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 12:38

Tgt Ion:154 Resp: 217009
 Ion Ratio Lower Upper
 154 100
 153 37.6 30.5 45.7
 76 10.9 8.9 13.3





#41

2-Chloronaphthalene

Concen: 3.15 ng/ul

RT: 13.34 min Scan# 932

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

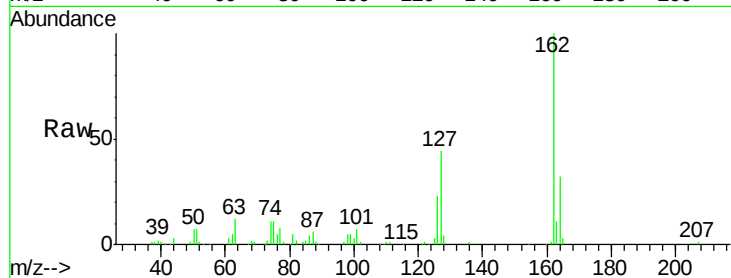
Tgt Ion:162 Resp: 166554

Ion Ratio Lower Upper

162 100

164 32.0 25.8 38.6

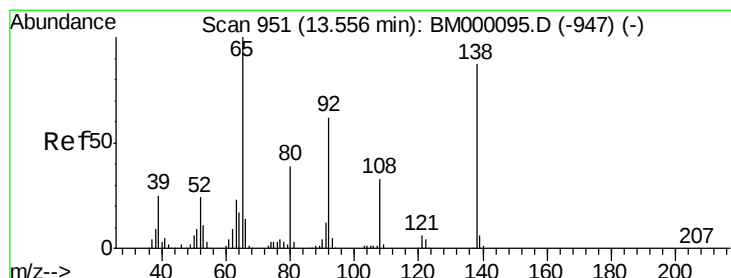
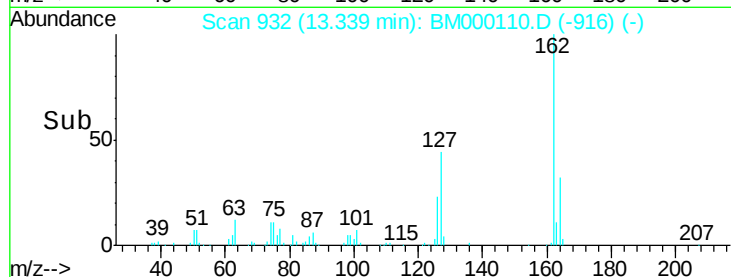
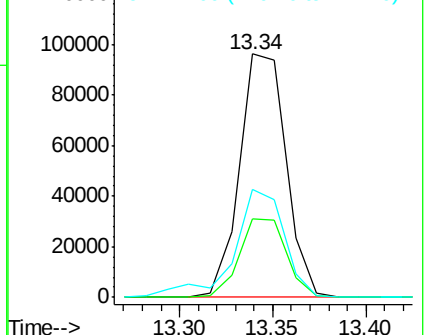
127 44.4 35.9 53.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#42

2-Nitroaniline

Concen: 3.00 ng/ul

RT: 13.55 min Scan# 950

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

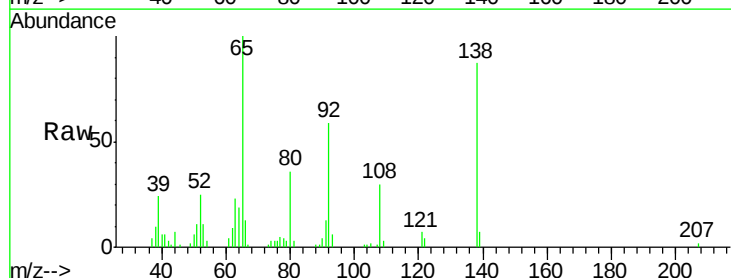
Tgt Ion: 65 Resp: 51277

Ion Ratio Lower Upper

65 100

92 59.4 50.4 75.6

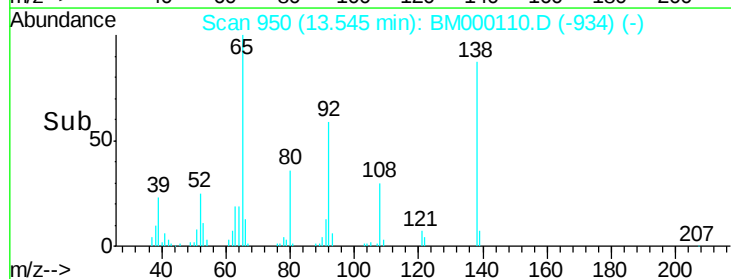
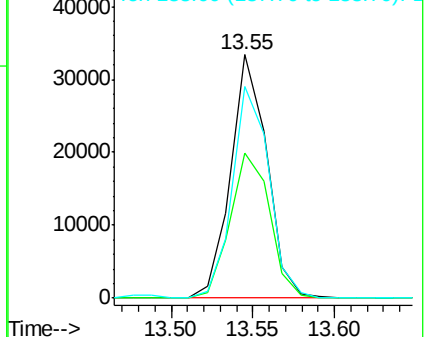
138 86.7 66.9 100.3

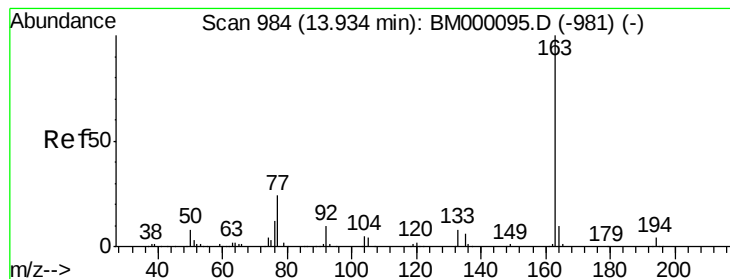


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 3.38 ng/ul

RT: 13.92 min Scan# 983

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

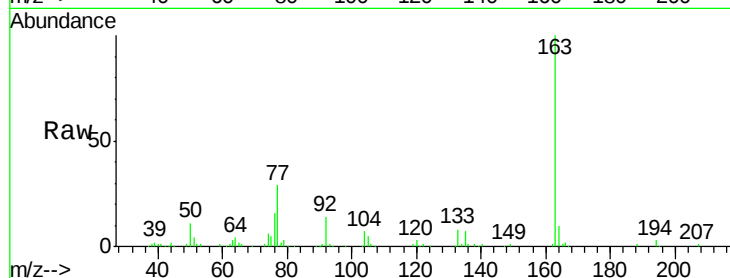
Tgt Ion:163 Resp: 237776

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

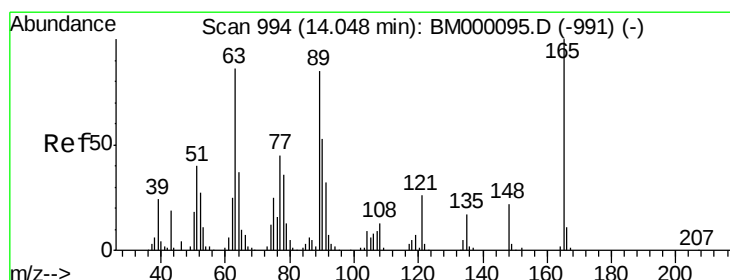
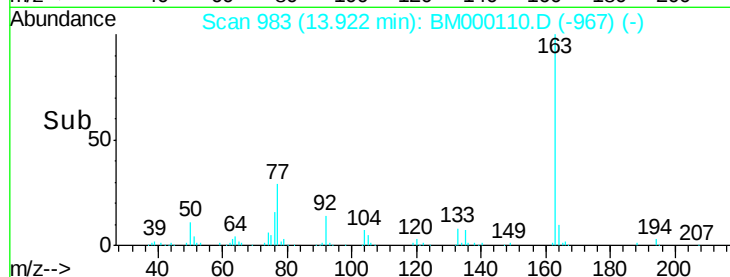
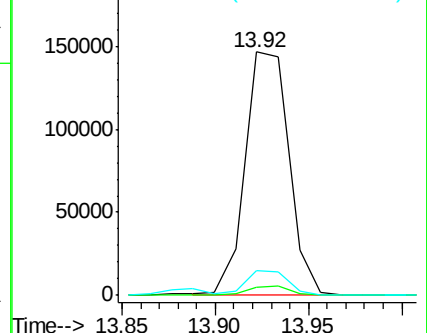
164 10.2 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 3.21 ng/ul

RT: 14.05 min Scan# 994

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

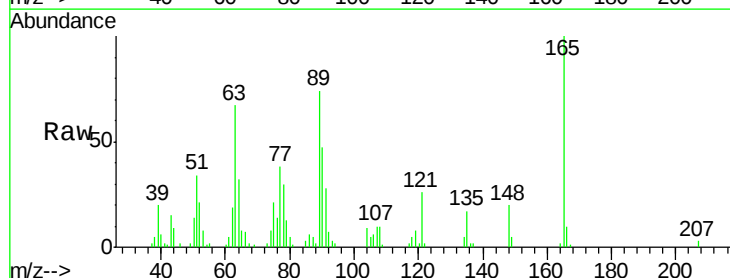
Tgt Ion:165 Resp: 40317

Ion Ratio Lower Upper

165 100

89 74.1 54.4 81.6

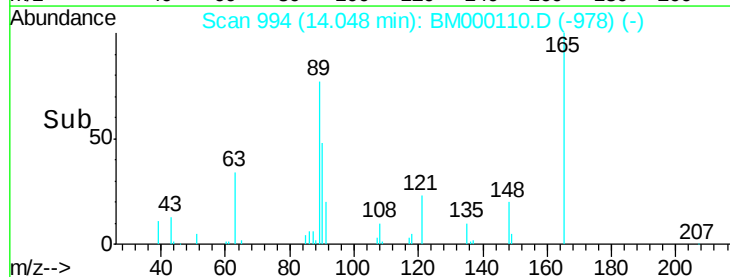
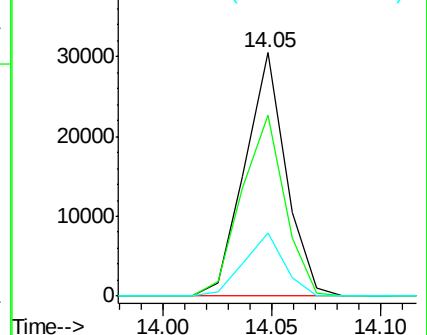
121 26.0 18.6 28.0

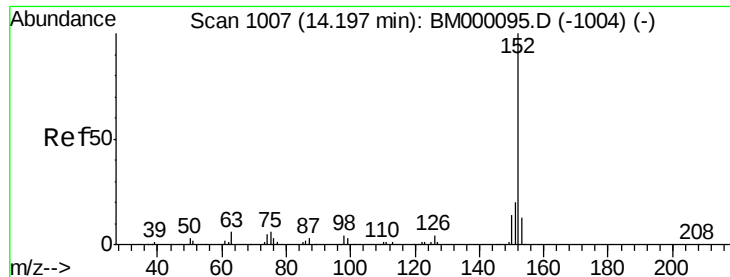


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 3.03 ng/ul

RT: 14.20 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

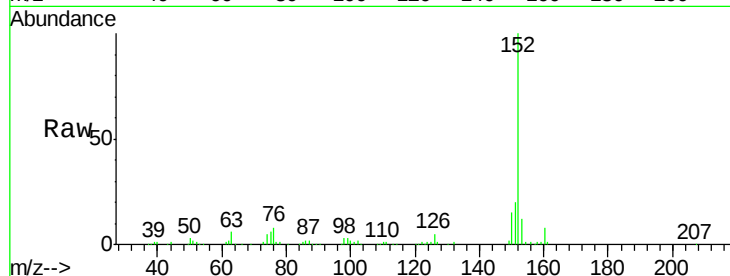
Tgt Ion:152 Resp: 269503

Ion Ratio Lower Upper

152 100

151 19.9 15.4 23.2

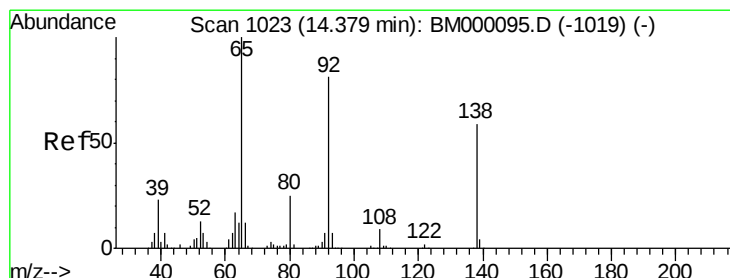
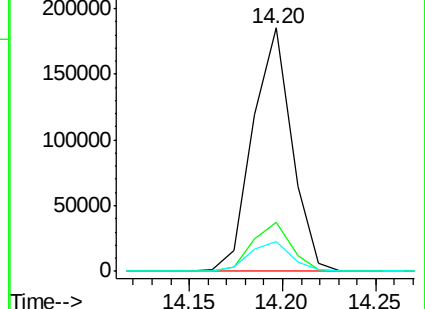
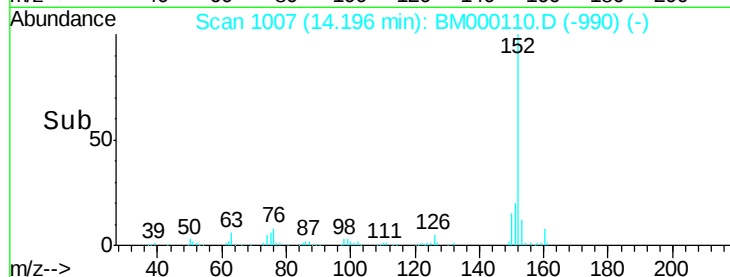
153 12.2 10.2 15.2



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



#48

3-Nitroaniline

Concen: 3.28 ng/ul

RT: 14.37 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

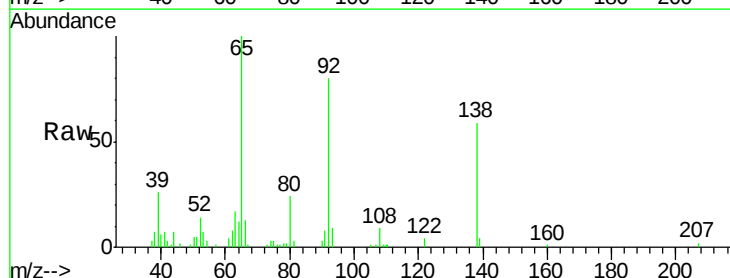
Tgt Ion:138 Resp: 42195

Ion Ratio Lower Upper

138 100

108 15.3 11.2 16.8

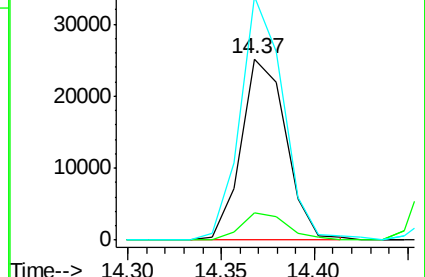
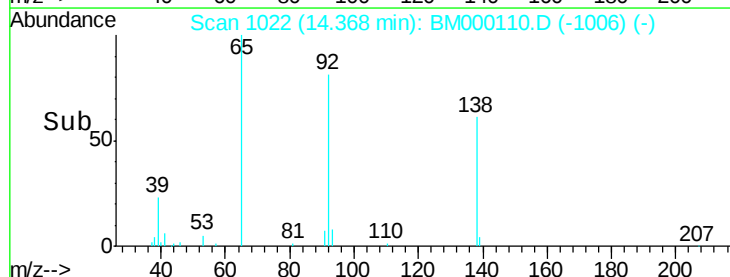
92 134.4 110.6 165.8

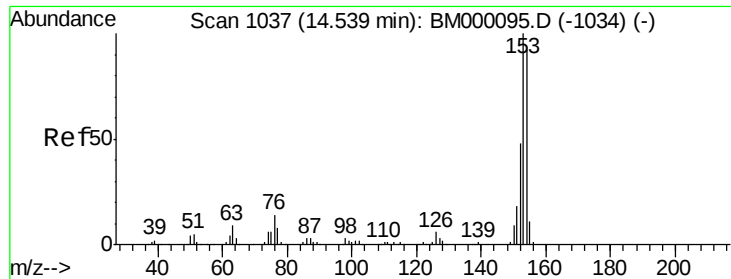


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 3.16 ng/ul

RT: 14.54 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

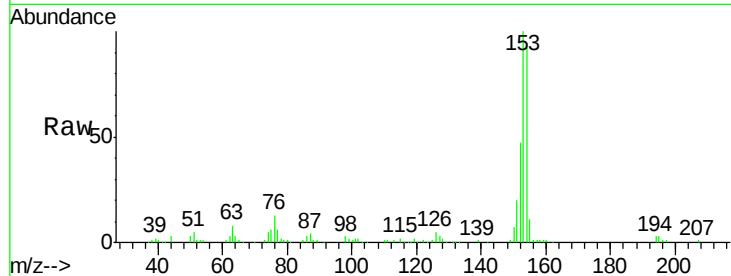
Tgt Ion:153 Resp: 179418

Ion Ratio Lower Upper

153 100

152 46.8 37.5 56.3

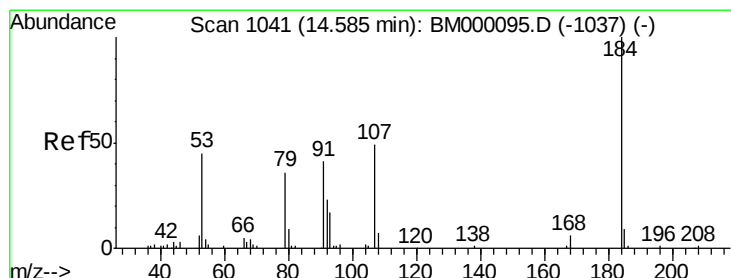
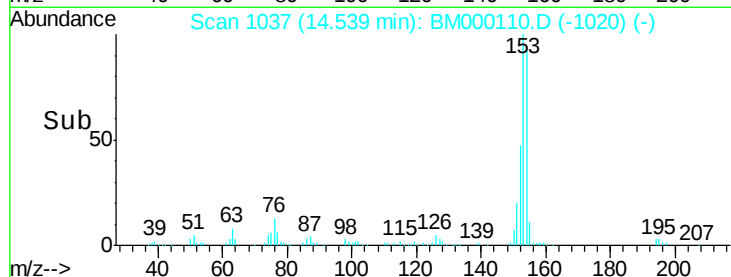
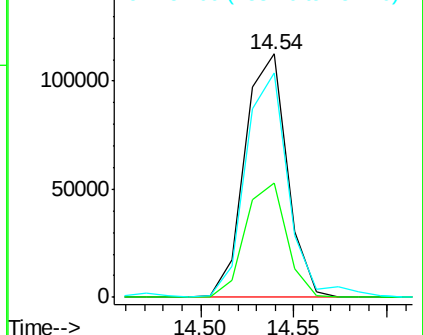
154 92.1 72.2 108.4



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: 1.45 ng/ul

RT: 14.57 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

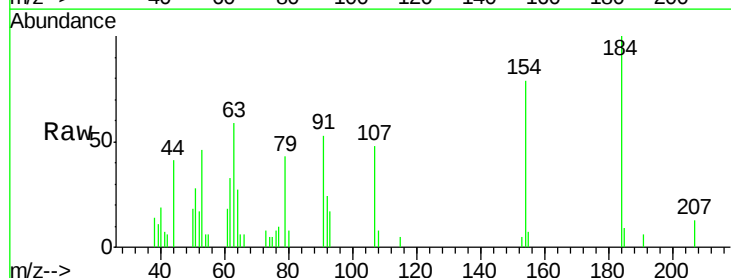
Tgt Ion:184 Resp: 9281

Ion Ratio Lower Upper

184 100

63 58.7 56.1 84.1

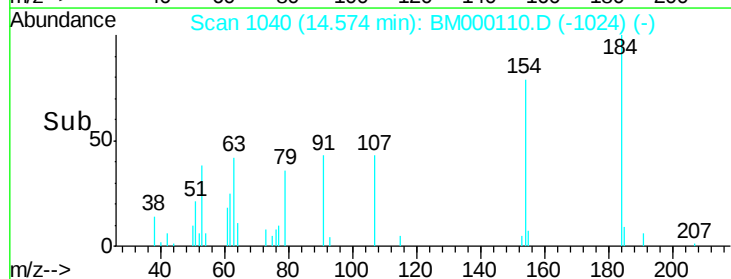
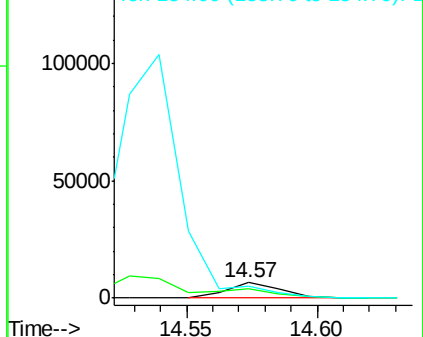
154 78.8 68.2 102.4

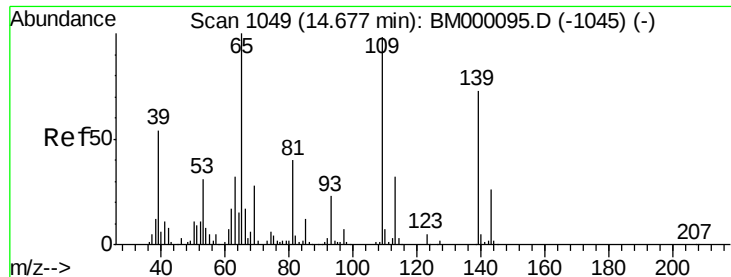


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 3.14 ng/ul

RT: 14.68 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

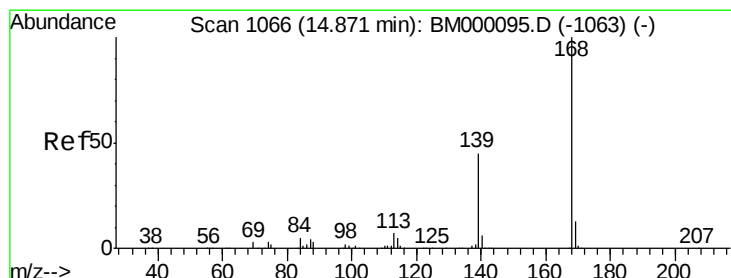
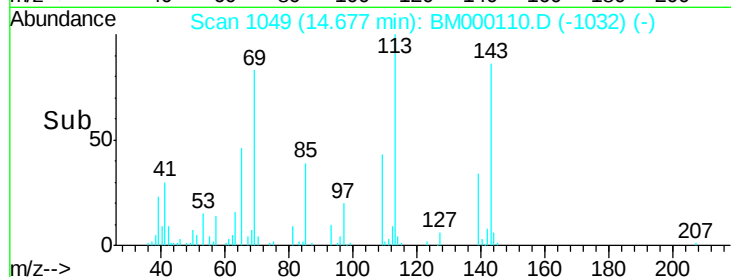
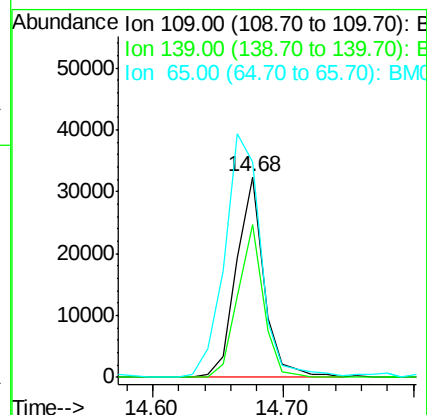
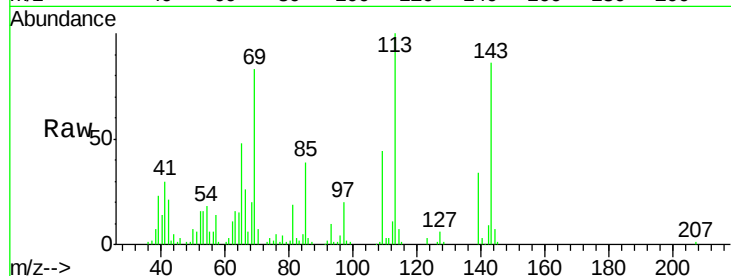
Tgt Ion:109 Resp: 47575

Ion Ratio Lower Upper

109 100

139 75.9 62.5 93.7

65 107.7 88.7 133.1



#53

Dibenzofuran

Concen: 3.08 ng/ul

RT: 14.87 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BM000110.D

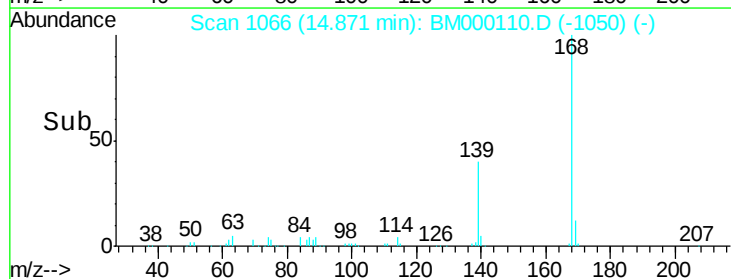
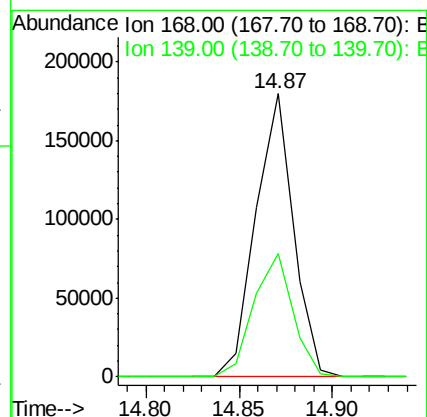
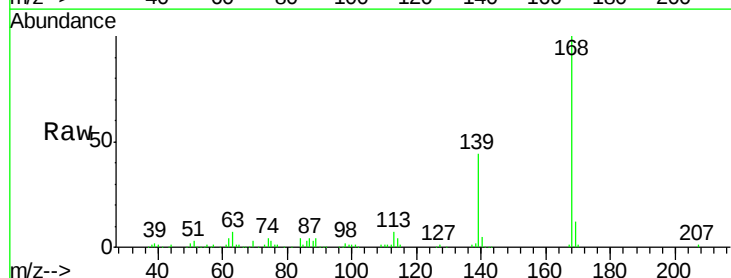
Acq: 02 Jan 2015 12:38

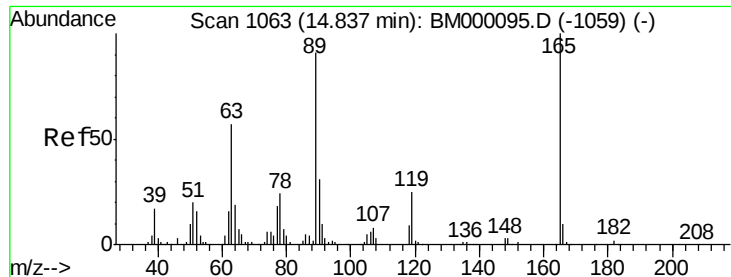
Tgt Ion:168 Resp: 253309

Ion Ratio Lower Upper

168 100

139 43.7 33.6 50.4





#54

2,4-Dinitrotoluene

Concen: 3.26 ng/ul

RT: 14.83 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

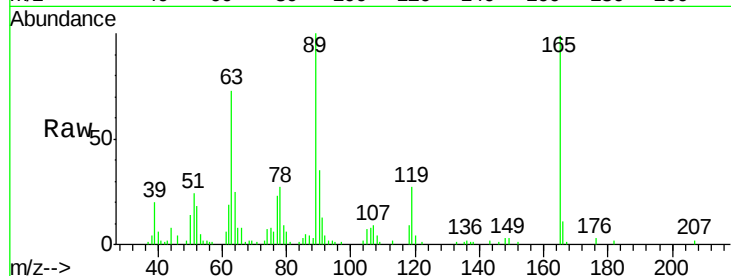
Tgt Ion:165 Resp: 61123

Ion Ratio Lower Upper

165 100

63 74.0 48.8 73.2#

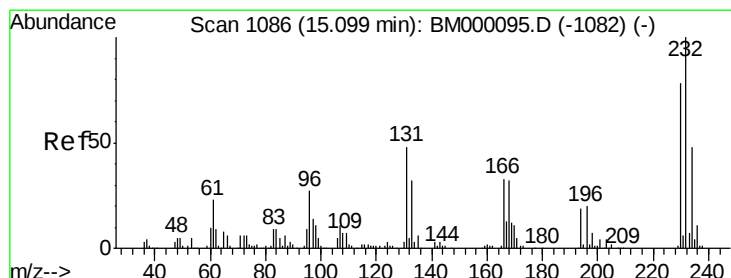
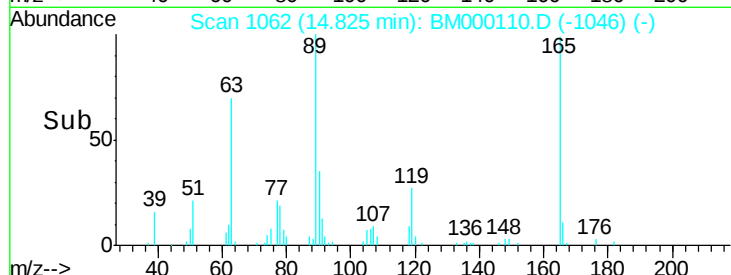
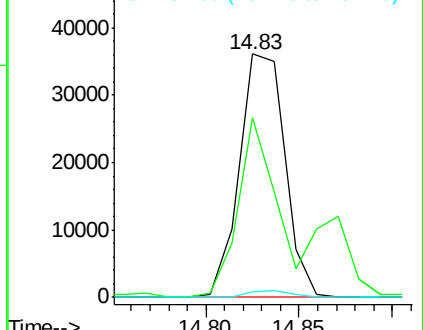
182 2.5 2.1 3.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 2.83 ng/ul

RT: 15.09 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Tgt Ion:232 Resp: 44910

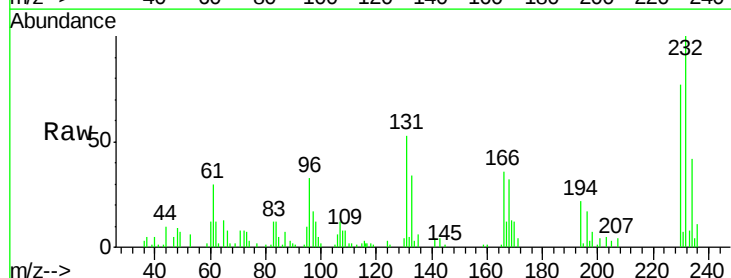
Ion Ratio Lower Upper

232 100

131 52.5 43.4 65.0

130 3.7 2.7 4.1

166 35.9 28.2 42.4

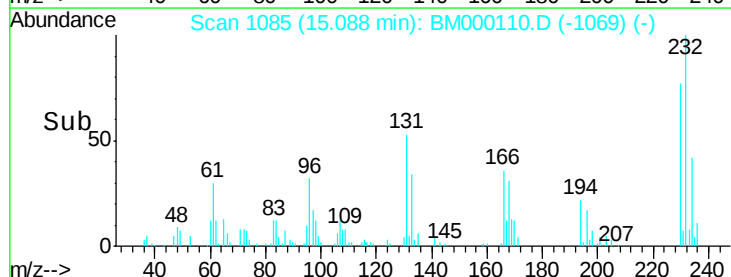
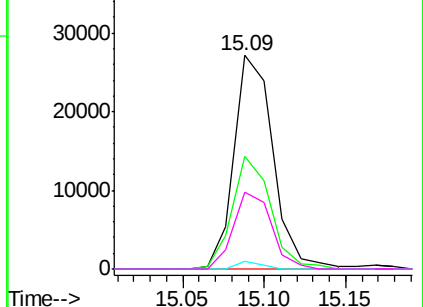


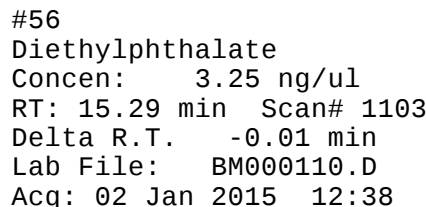
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

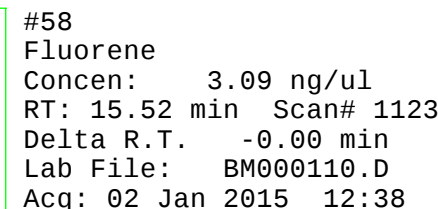
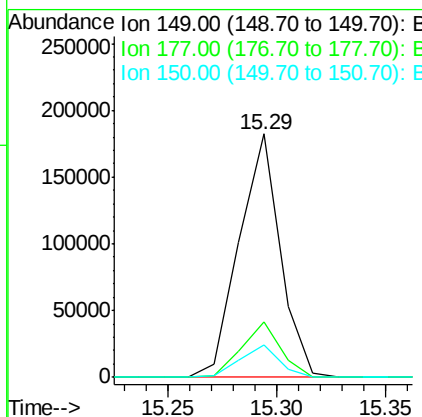
Ion 166.00 (165.70 to 166.70): E



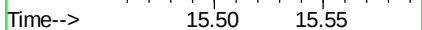
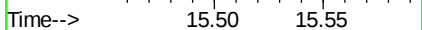
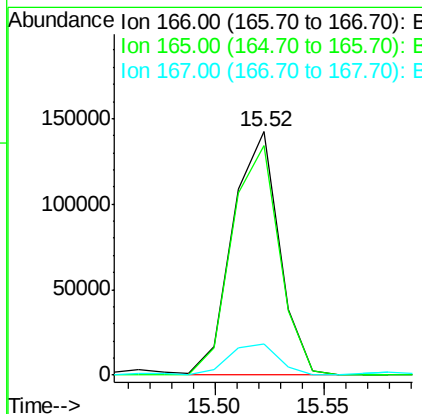


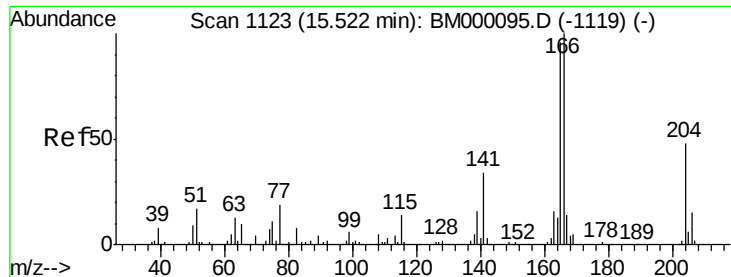
Instrument :
BNA_M
ClientSampleId :
SSTD02012

Tgt	Ion:149	Resp:	239821
Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.4	26.2
150	13.3	10.5	15.7



Tgt	Ion:166	Resp:	210553
Ion	Ratio	Lower	Upper
166	100		
165	94.1	76.0	114.0
167	13.0	10.2	15.4

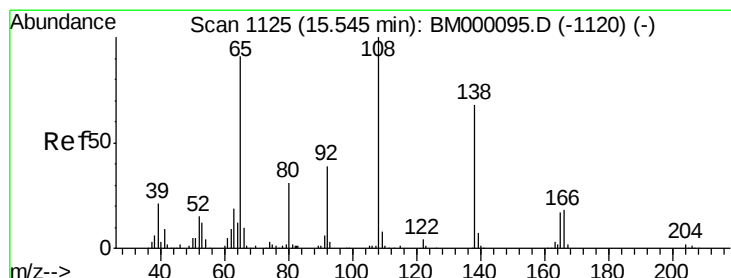
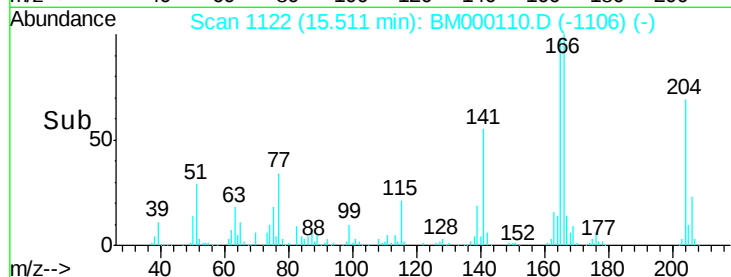
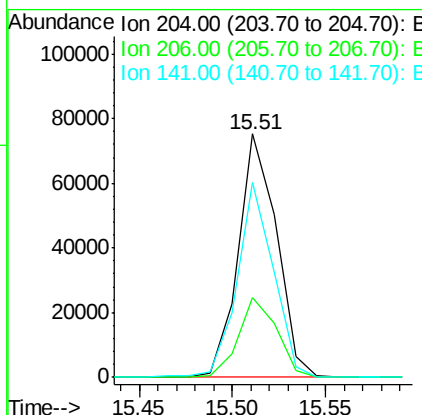
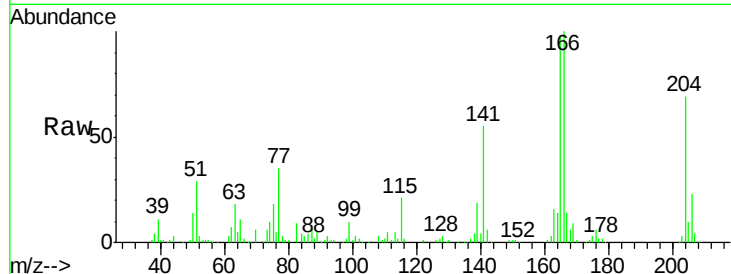




#59
 4-Chlorophenyl-phenylether
 Concen: 3.19 ng/ul
 RT: 15.51 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 12:38

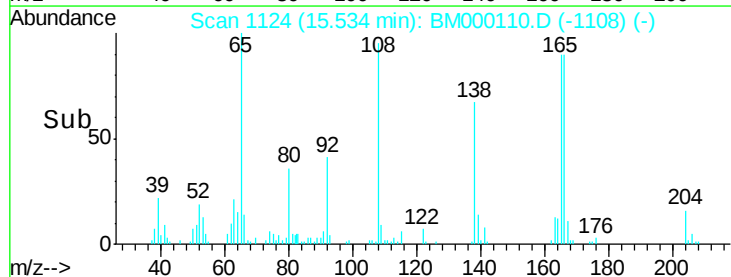
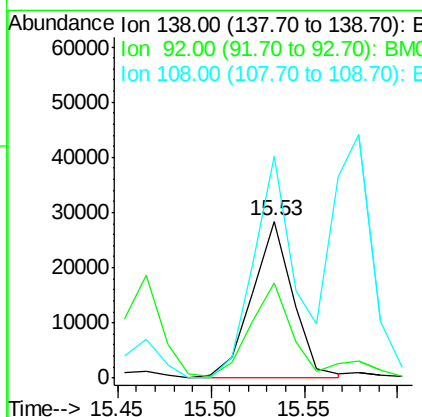
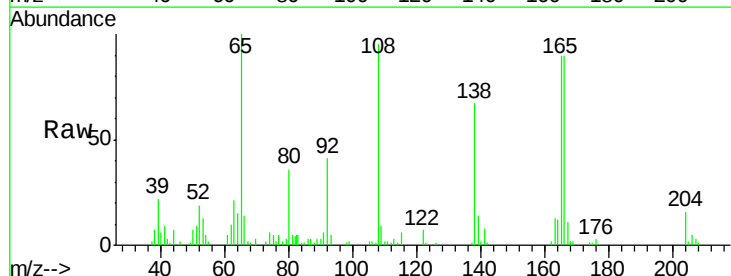
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02012

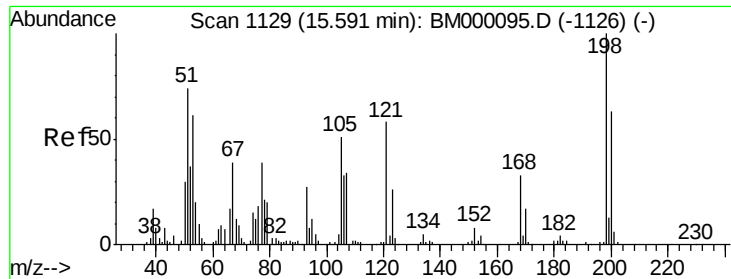
Tgt Ion:204 Resp: 107343
 Ion Ratio Lower Upper
 204 100
 206 32.8 25.8 38.8
 141 79.9 61.3 91.9



#60
 4-Nitroaniline
 Concen: 3.01 ng/ul
 RT: 15.53 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 12:38

Tgt Ion:138 Resp: 43699
 Ion Ratio Lower Upper
 138 100
 92 60.5 49.3 73.9
 108 141.2 110.3 165.5

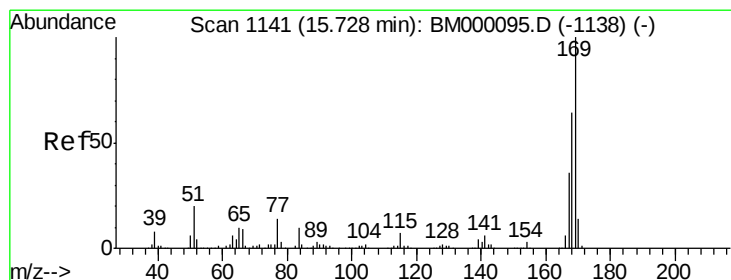
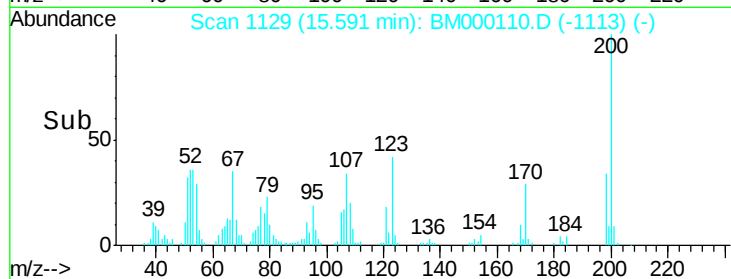
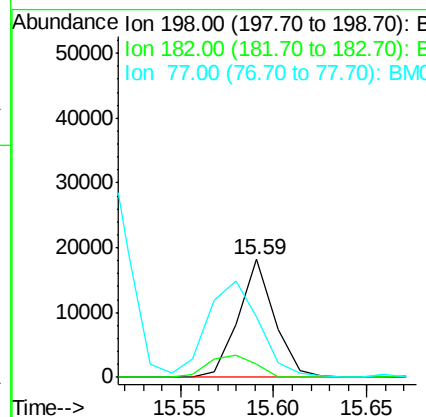
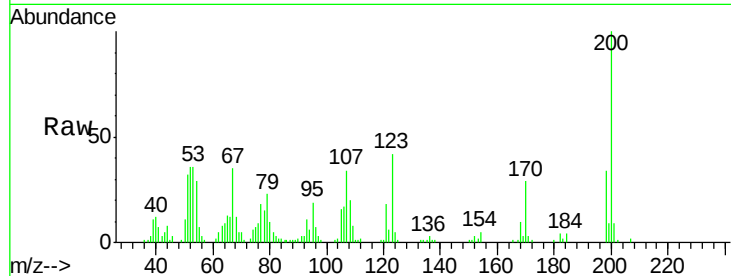




#63
 4,6-Dinitro-2-methylphenol
 Concen: 2.51 ng/ul
 RT: 15.59 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 12:38

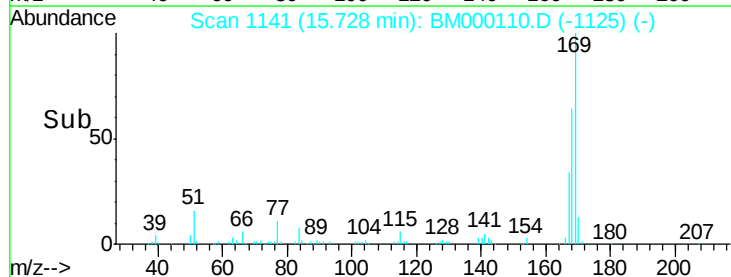
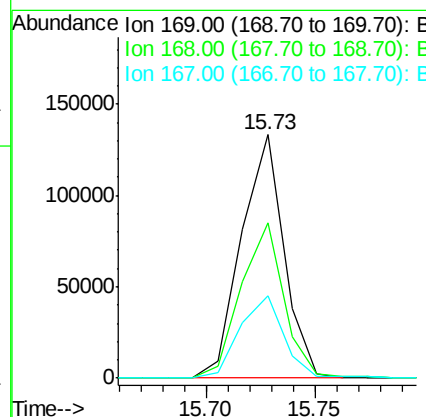
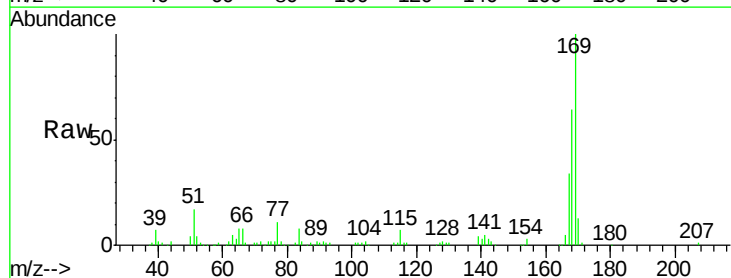
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02012

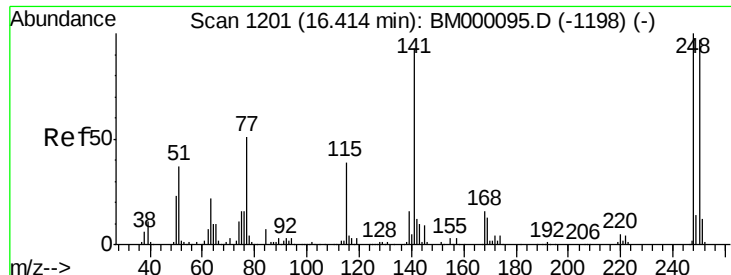
Tgt Ion:198 Resp: 24628
 Ion Ratio Lower Upper
 198 100
 182 11.2 2.6 4.0#
 77 51.4 25.2 37.8#



#64
 N-Nitrosodiphenylamine
 Concen: 3.21 ng/ul
 RT: 15.73 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 12:38

Tgt Ion:169 Resp: 180428
 Ion Ratio Lower Upper
 169 100
 168 63.6 51.8 77.6
 167 33.9 28.1 42.1

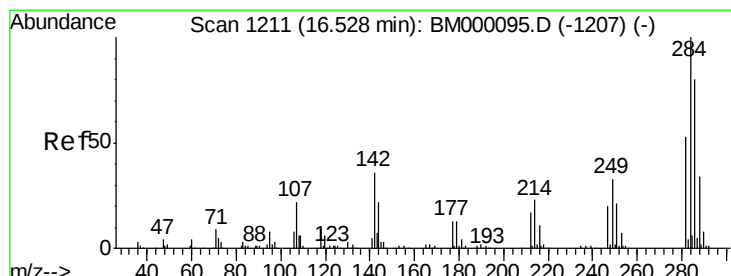
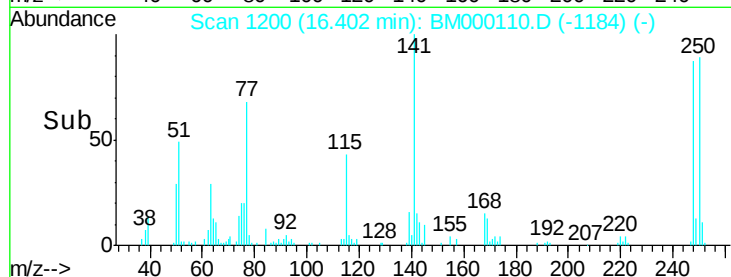
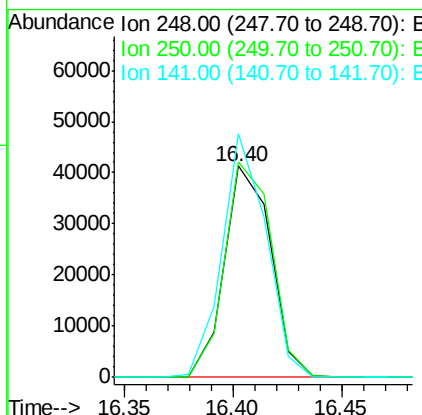
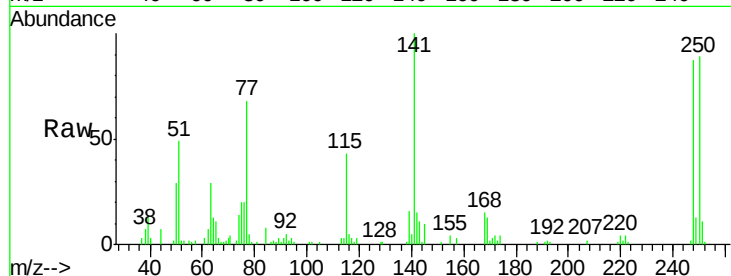




#65
4-Bromophenyl-phenylether
Concen: 3.11 ng/ul
RT: 16.40 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 12:38

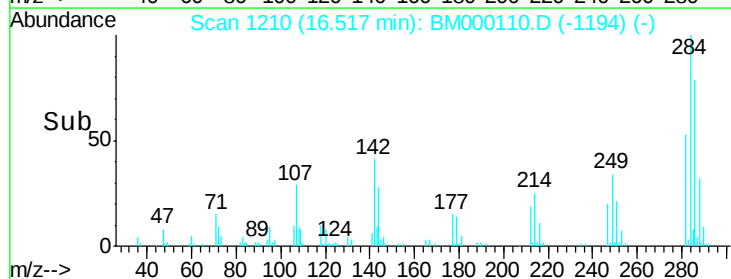
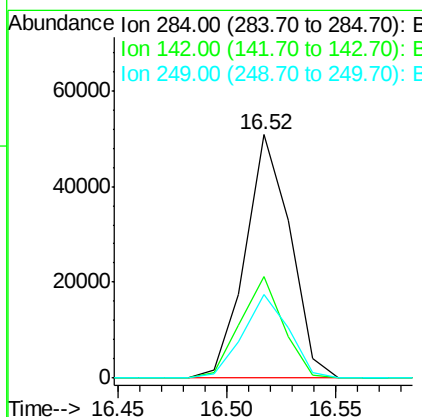
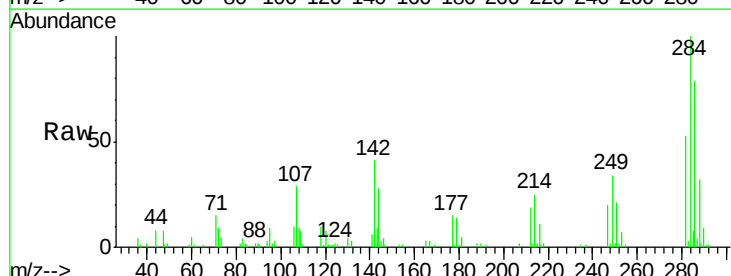
Instrument :
BNA_M
ClientSampleId :
SSTD02012

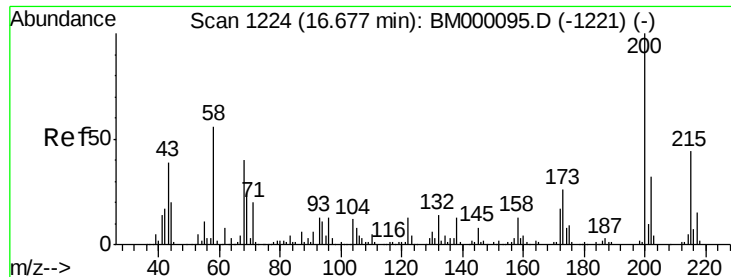
Tgt Ion:248 Resp: 61381
Ion Ratio Lower Upper
248 100
250 102.1 78.4 117.6
141 115.4 67.0 100.4#



#66
Hexachlorobenzene
Concen: 3.22 ng/ul
RT: 16.52 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 12:38

Tgt Ion:284 Resp: 73331
Ion Ratio Lower Upper
284 100
142 41.4 32.4 48.6
249 34.3 26.7 40.1

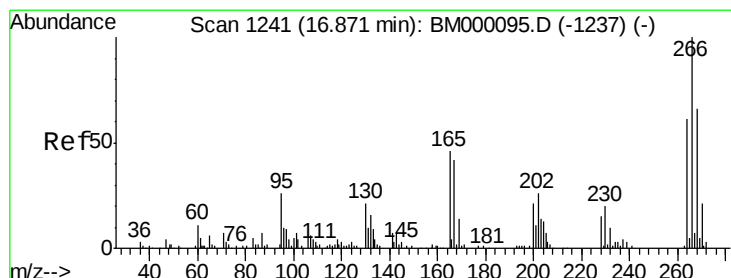
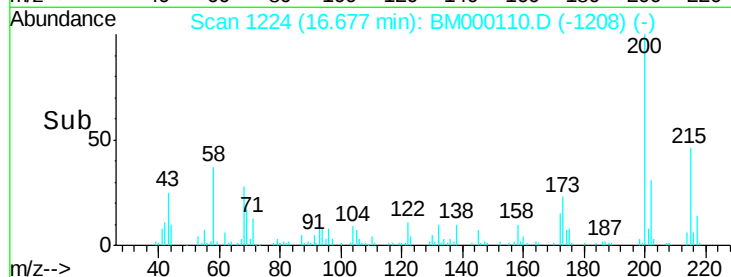
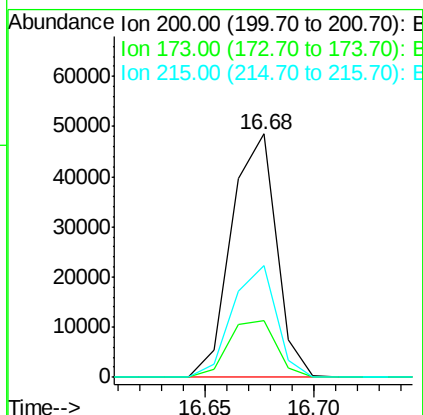
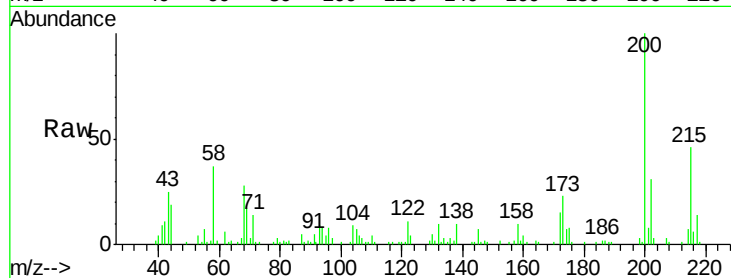




#67
 Atrazine
 Concen: 3.14 ng/ul
 RT: 16.68 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 12:38

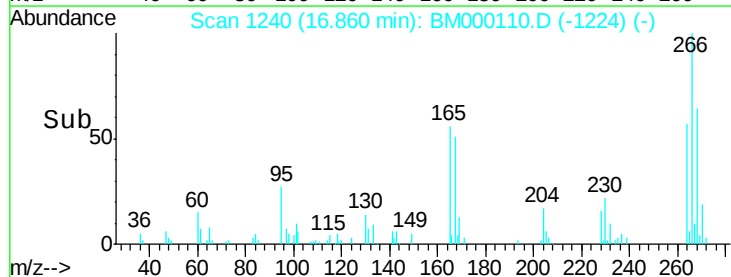
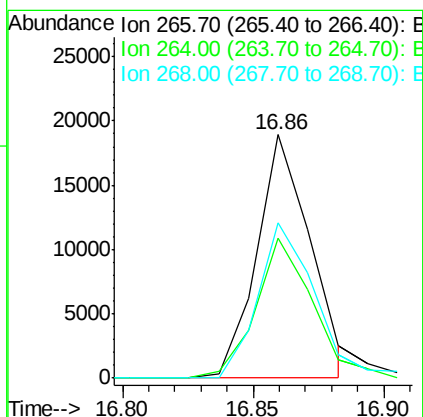
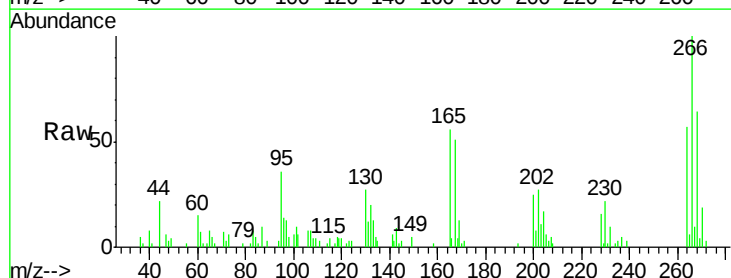
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02012

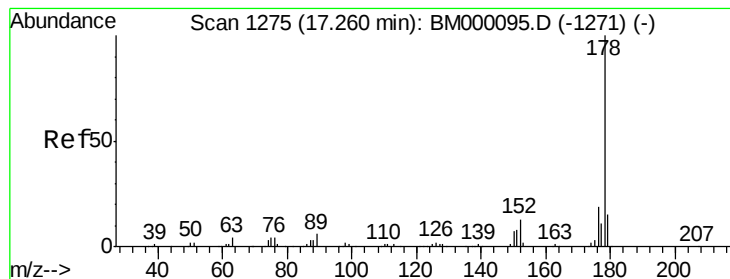
Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	19.5	29.3
215	45.8	36.6	54.8



#68
 Pentachlorophenol
 Concen: 1.96 ng/ul
 RT: 16.86 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BM000110.D
 Acq: 02 Jan 2015 12:38

Tgt Ion	Ratio	Lower	Upper
266	100		
264	57.3	49.8	74.6
268	63.6	48.2	72.4





#69

Phenanthrene

Concen: 3.22 ng/ul

RT: 17.26 min Scan# 1275

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

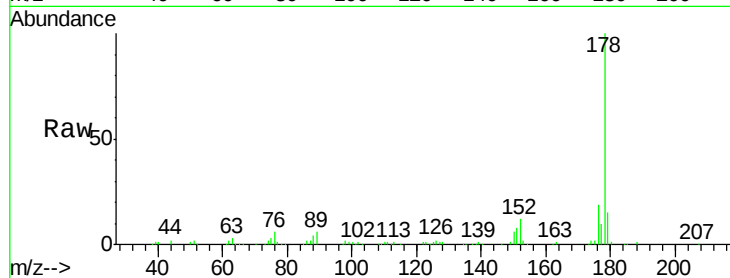
Tgt Ion:178 Resp: 337392

Ion Ratio Lower Upper

178 100

179 15.3 11.6 17.4

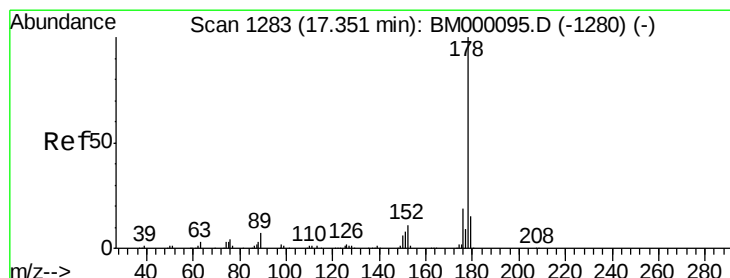
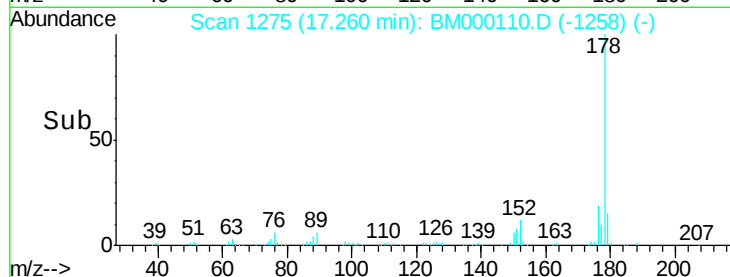
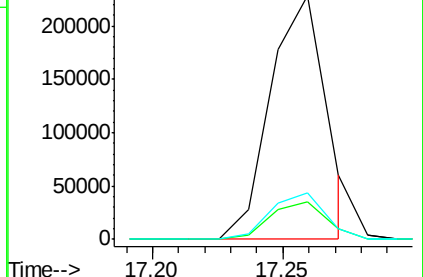
176 19.1 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 3.10 ng/ul

RT: 17.35 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

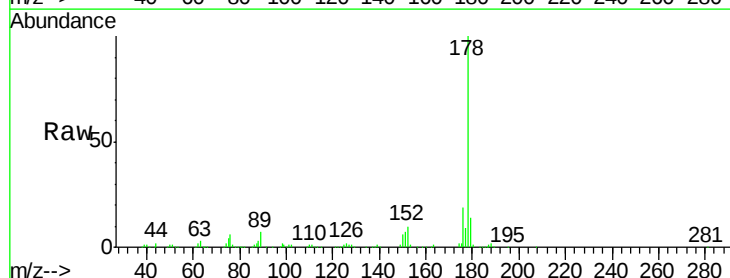
Tgt Ion:178 Resp: 334678

Ion Ratio Lower Upper

178 100

179 14.2 12.6 18.8

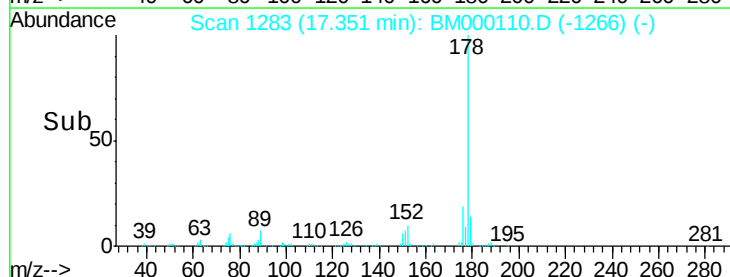
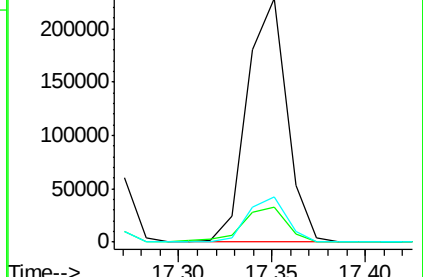
176 18.7 14.6 21.8

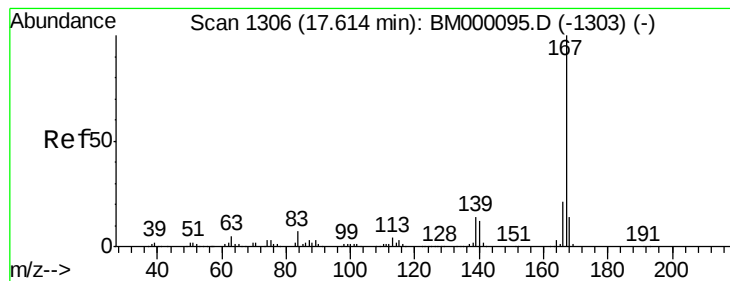


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 3.19 ng/ul

RT: 17.61 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

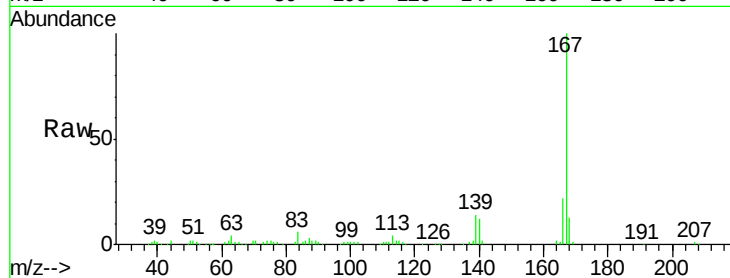
Tgt Ion:167 Resp: 309643

Ion Ratio Lower Upper

167 100

166 21.8 16.2 24.4

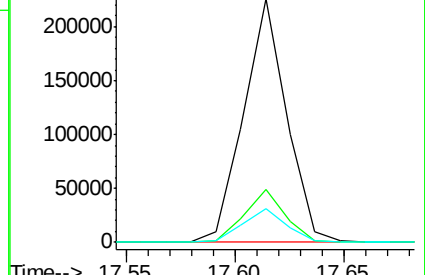
139 13.8 10.7 16.1



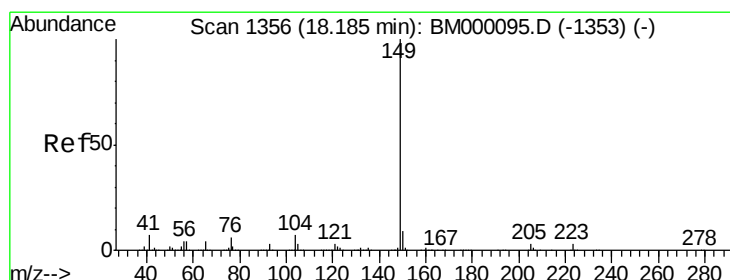
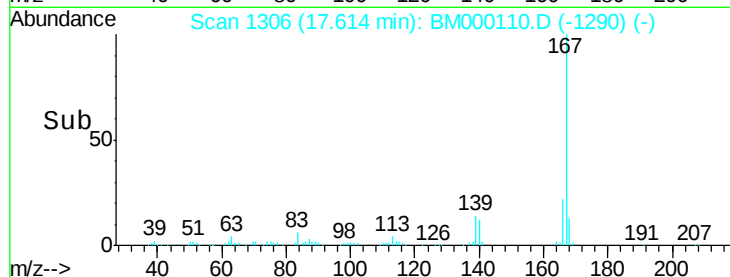
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 17.55 17.60 17.65



#73

Di-n-butylphthalate

Concen: 3.31 ng/ul

RT: 18.17 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

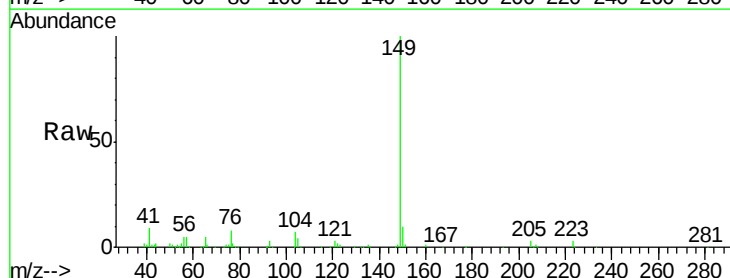
Tgt Ion:149 Resp: 382884

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

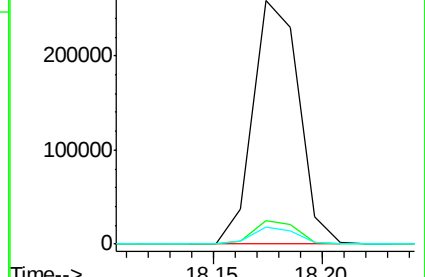
104 7.1 4.8 7.2



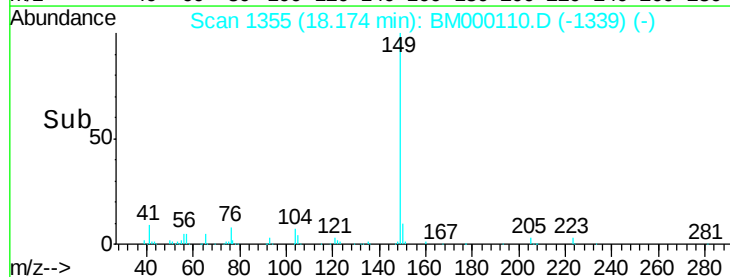
Abundance Ion 149.00 (148.70 to 149.70): E

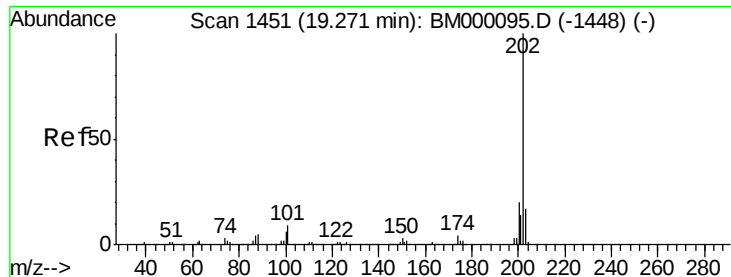
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time--> 18.15 18.20





#74

Fluoranthene

Concen: 3.21 ng/ul

RT: 19.27 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

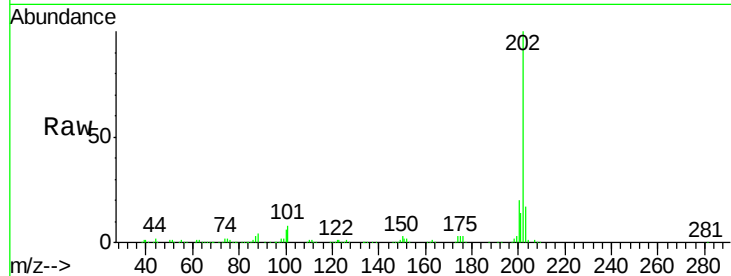
Tgt Ion:202 Resp: 385340

Ion Ratio Lower Upper

202 100

101 7.6 6.4 9.6

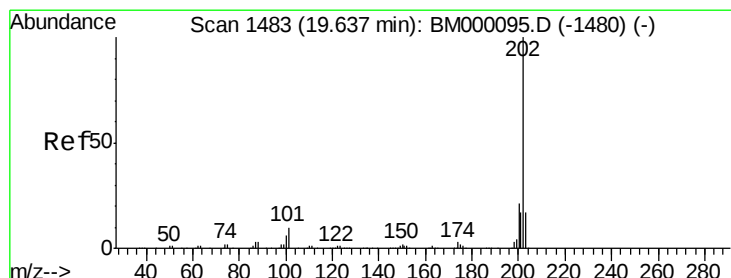
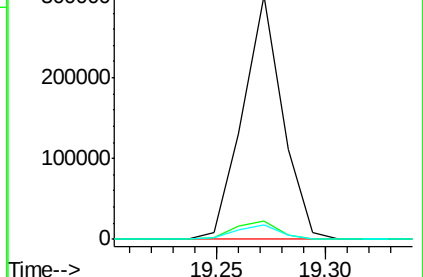
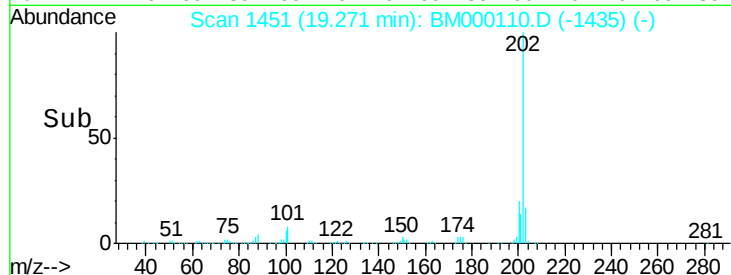
100 5.7 4.6 7.0



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



#77

Pyrene

Concen: 3.66 ng/ul

RT: 19.64 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

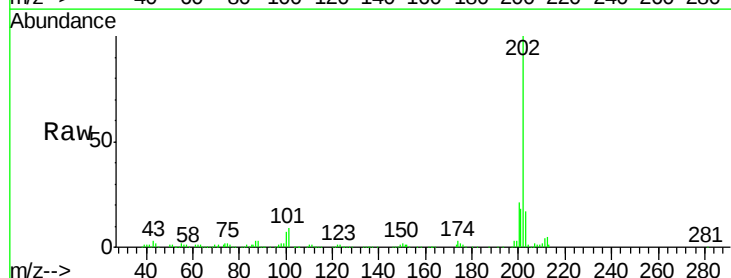
Tgt Ion:202 Resp: 383865

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

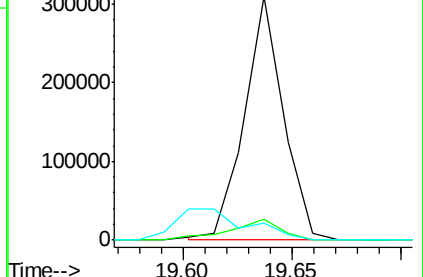
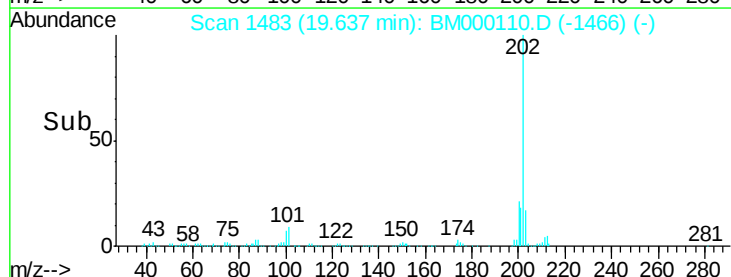
100 7.1 5.5 8.3

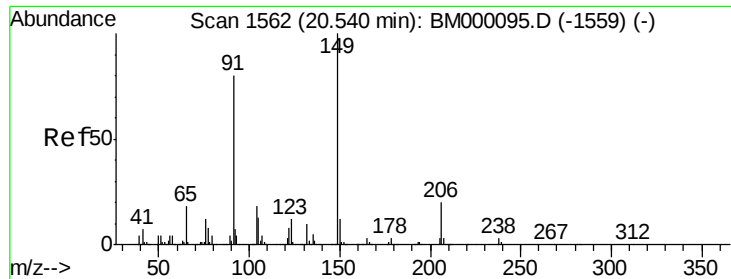


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

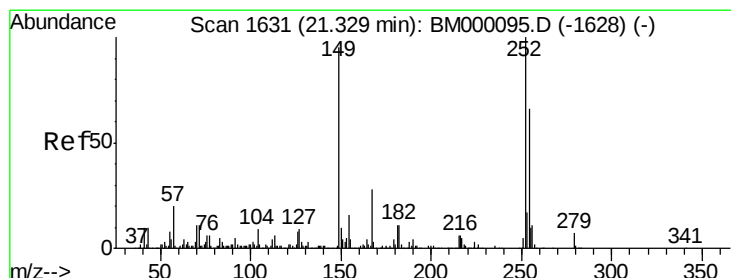
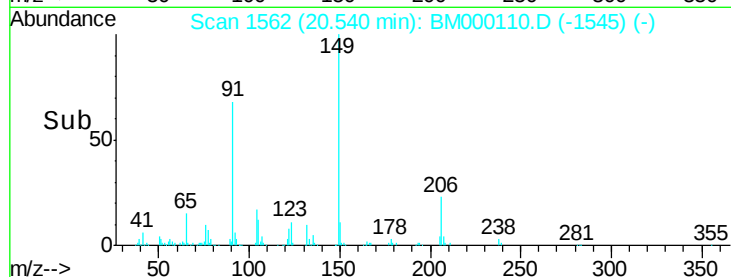
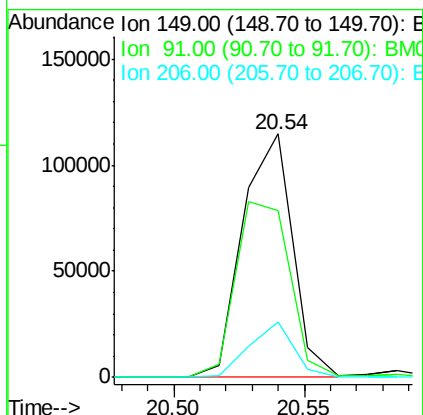
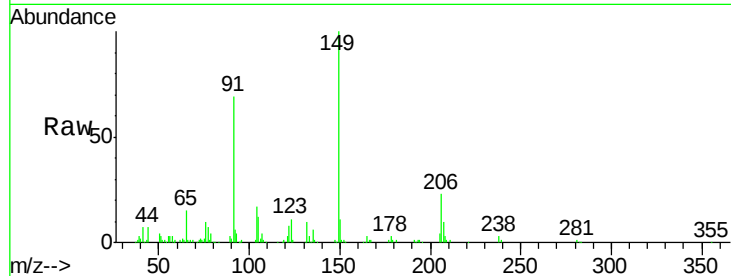




#78
Butylbenzylphthalate
Concen: 3.62 ng/ul
RT: 20.54 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BM000110.D
Acq: 02 Jan 2015 12:38

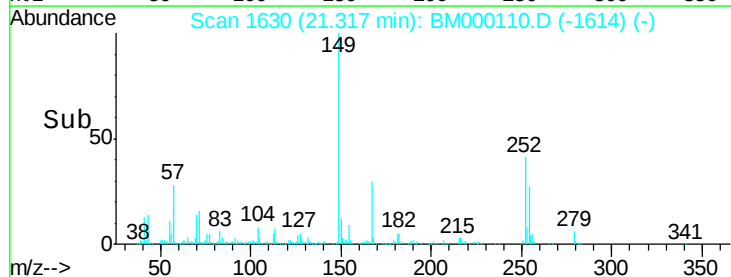
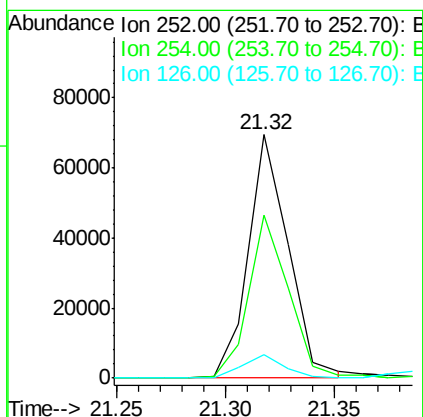
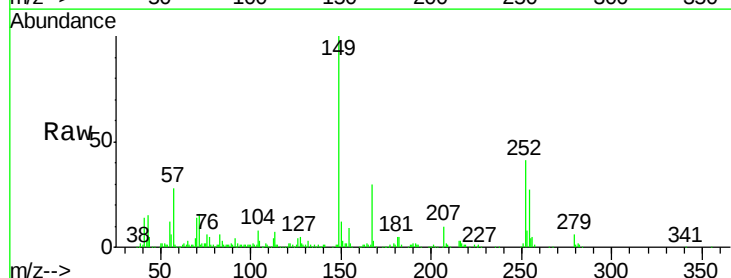
Instrument :
BNA_M
ClientSampleId :
SSTD02012

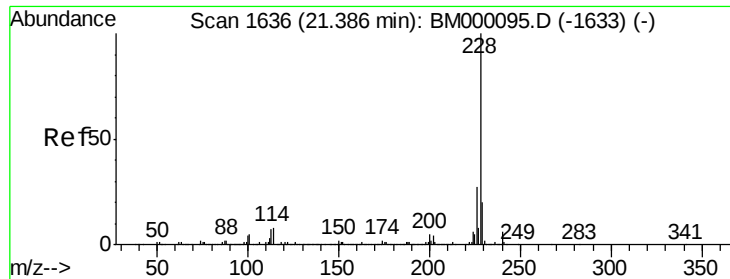
Tgt Ion:149 Resp: 154157
Ion Ratio Lower Upper
149 100
91 68.7 56.6 84.8
206 22.6 16.8 25.2



#79
3,3'-Dichlorobenzidine
Concen: 2.81 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 12:38

Tgt Ion:252 Resp: 89142
Ion Ratio Lower Upper
252 100
254 66.8 51.2 76.8
126 9.6 7.9 11.9

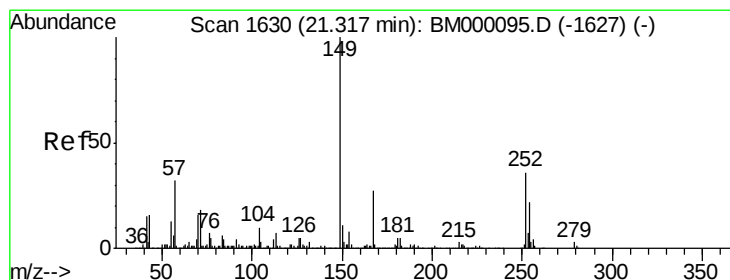
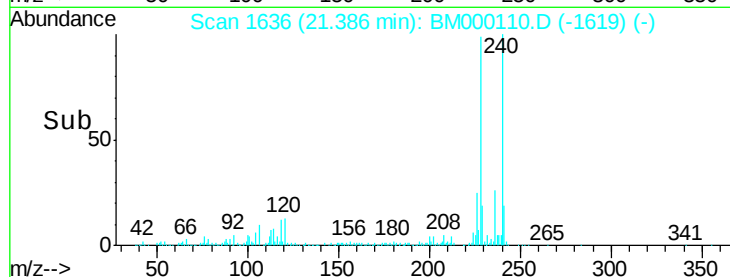
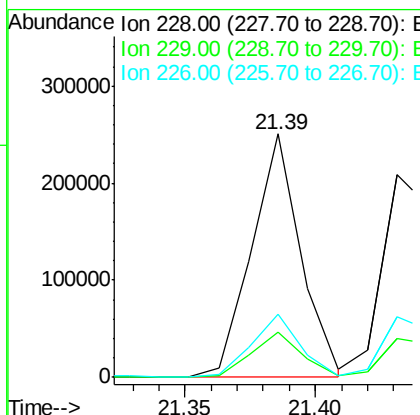
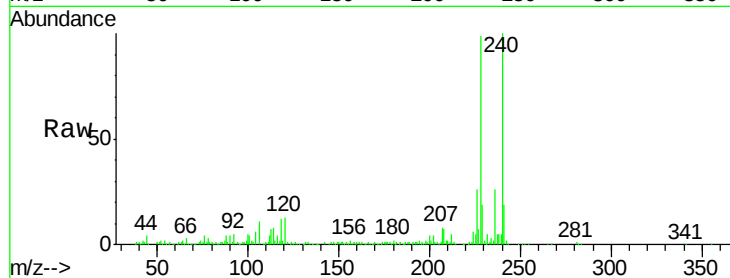




#80
Benzo(a)anthracene
Concen: 3.28 ng/ul
RT: 21.39 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BM000110.D
Acq: 02 Jan 2015 12:38

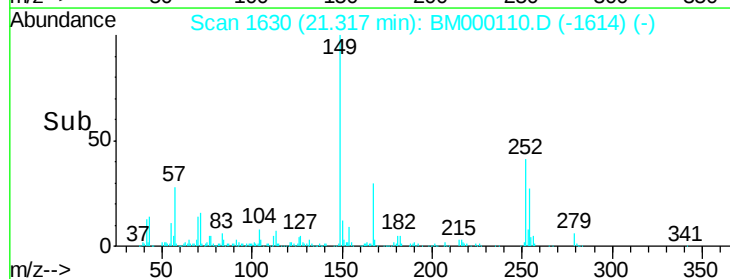
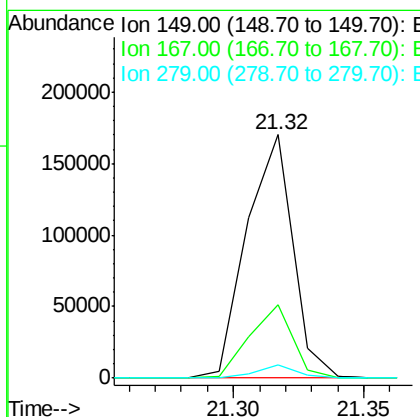
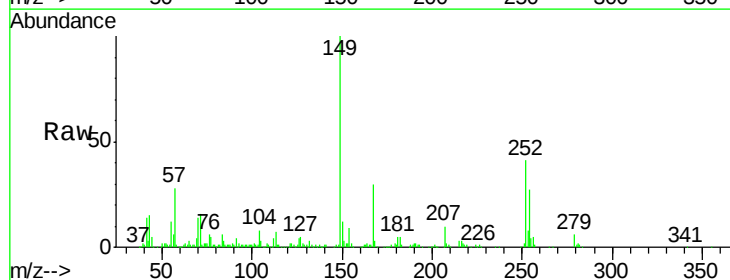
Instrument :
BNA_M
ClientSampleId :
SSTD02012

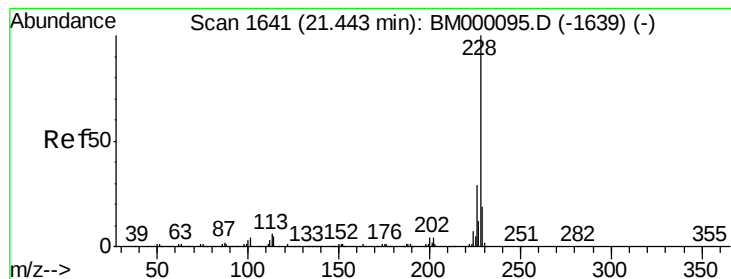
Tgt Ion: 228 Resp: 328623
Ion Ratio Lower Upper
228 100
229 18.7 15.8 23.8
226 25.8 20.7 31.1



#81
Bis(2-ethylhexyl)phthalate
Concen: 3.41 ng/ul
RT: 21.32 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BM000110.D
Acq: 02 Jan 2015 12:38

Tgt Ion: 149 Resp: 210959
Ion Ratio Lower Upper
149 100
167 30.1 22.1 33.1
279 5.6 3.0 4.6#





#82

Chrysene

Concen: 3.19 ng/ul

RT: 21.43 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

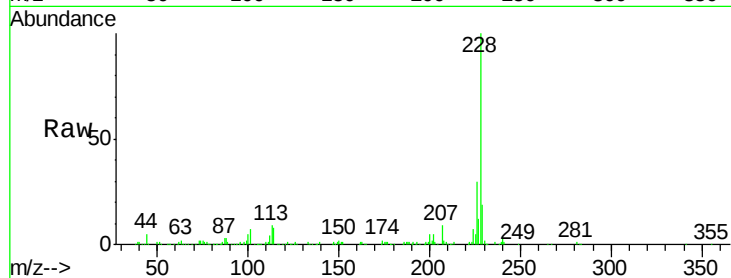
Tgt Ion: 228 Resp: 295380

Ion Ratio Lower Upper

228 100

226 29.7 23.0 34.4

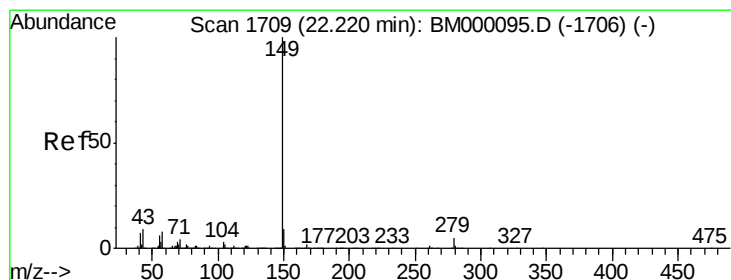
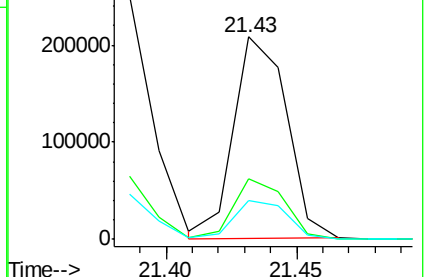
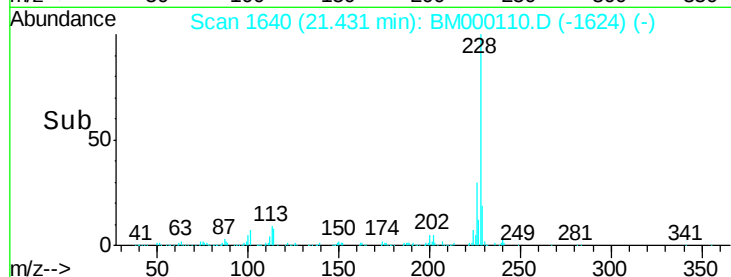
229 18.9 15.6 23.4



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: 3.36 ng/ul

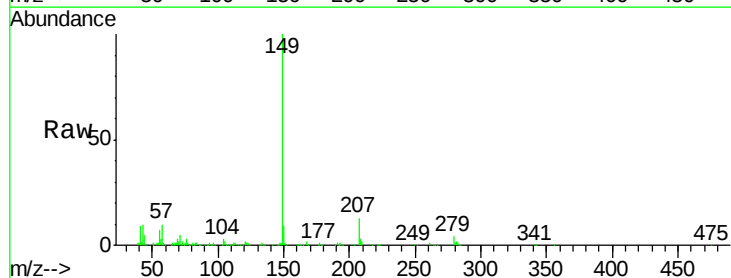
RT: 22.21 min Scan# 1708

Delta R.T. -0.01 min

Lab File: BM000110.D

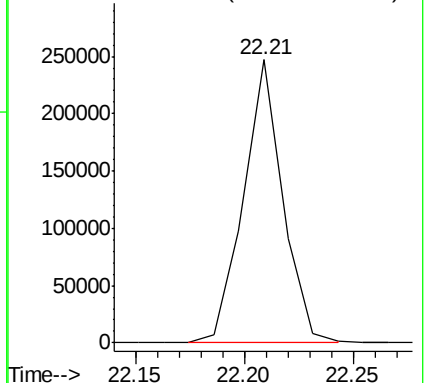
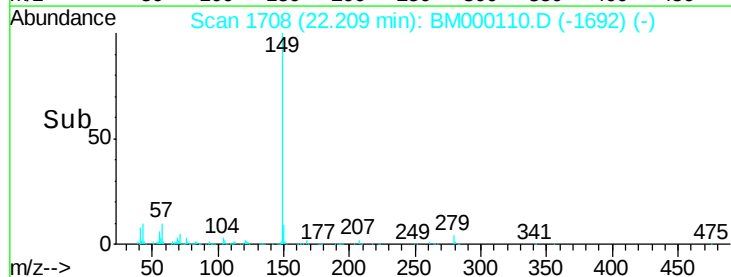
Acq: 02 Jan 2015 12:38

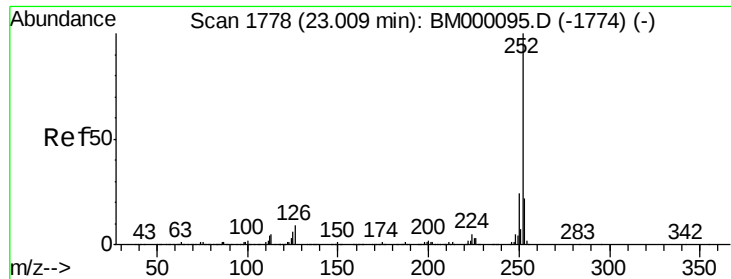
Tgt Ion: 149 Resp: 308154



Abundance Ion 149.00 (148.70 to 149.70): E

Time-->





#85

Benzo(b)fluoranthene

Concen: 3.20 ng/ul

RT: 23.00 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

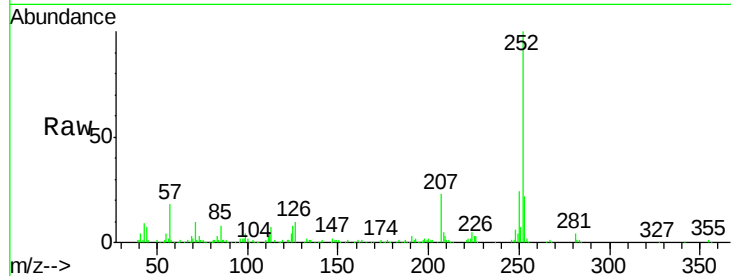
Tgt Ion:252 Resp: 272493

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

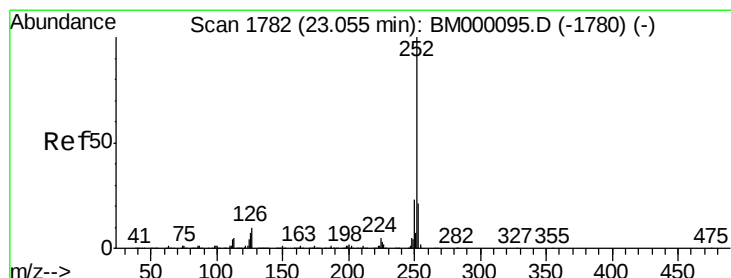
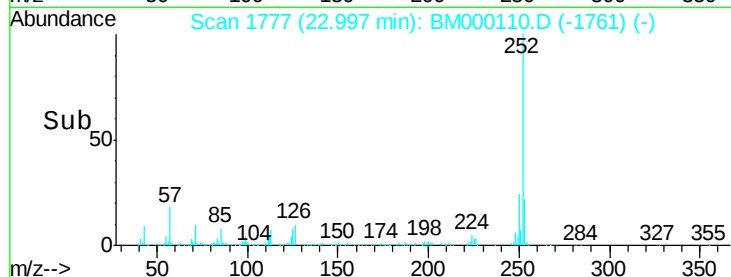
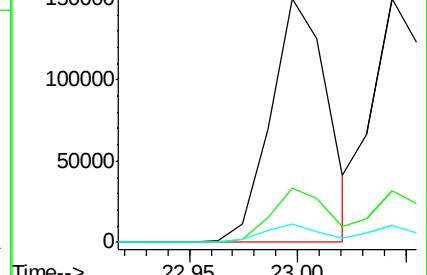
125 7.5 4.8 7.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 3.52 ng/ul

RT: 23.04 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

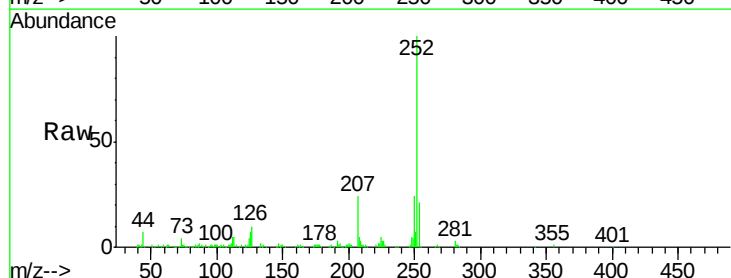
Tgt Ion:252 Resp: 255793

Ion Ratio Lower Upper

252 100

253 21.0 17.2 25.8

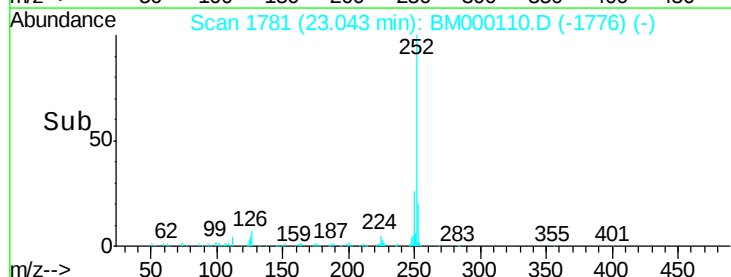
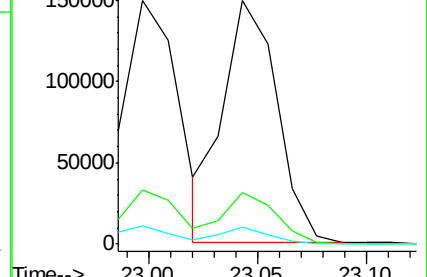
125 6.9 4.9 7.3

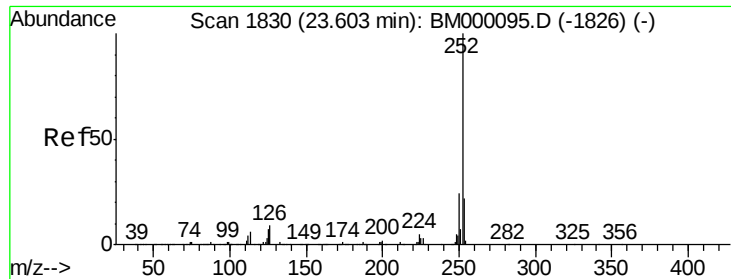


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 3.45 ng/ul

RT: 23.59 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

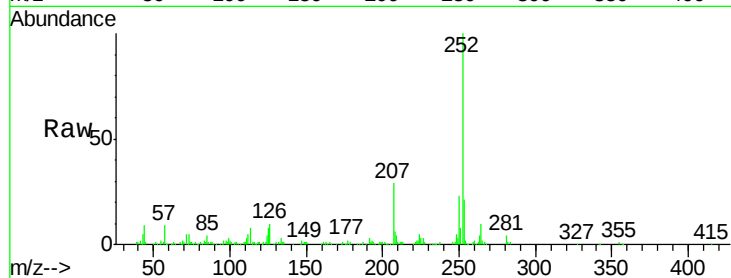
Tgt Ion: 252 Resp: 257512

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

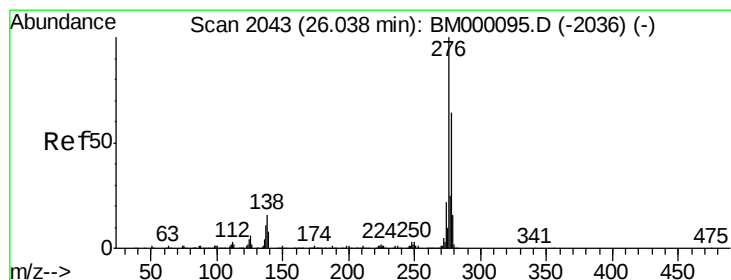
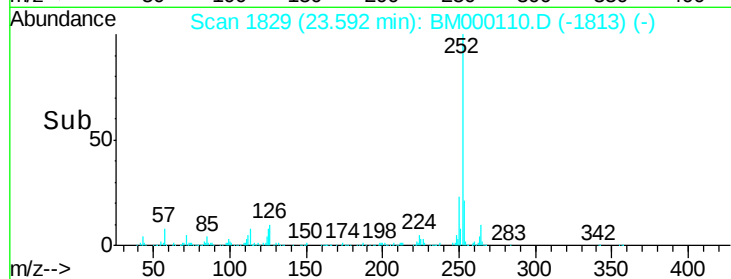
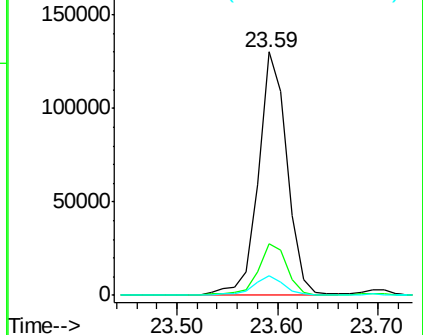
125 8.0 5.8 8.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 3.33 ng/ul

RT: 26.03 min Scan# 2042

Delta R.T. -0.02 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

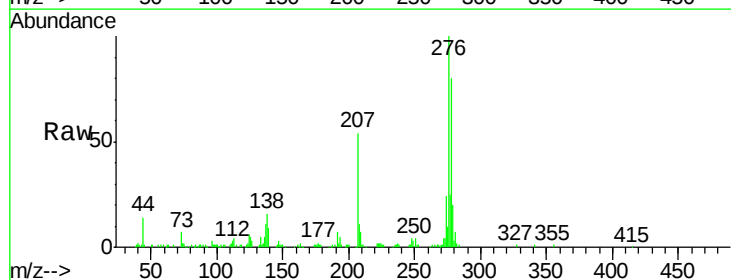
Tgt Ion: 276 Resp: 259666

Ion Ratio Lower Upper

276 100

138 15.9 14.2 21.2

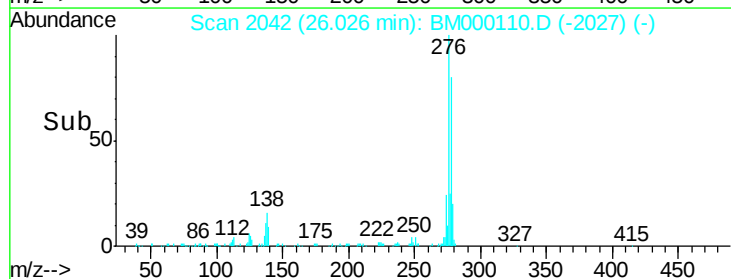
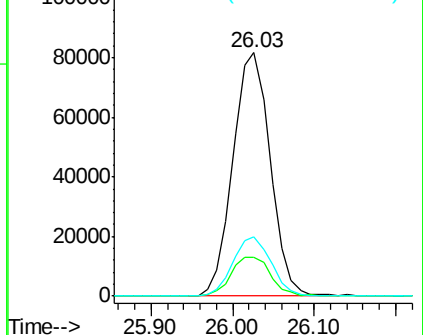
277 24.6 18.8 28.2

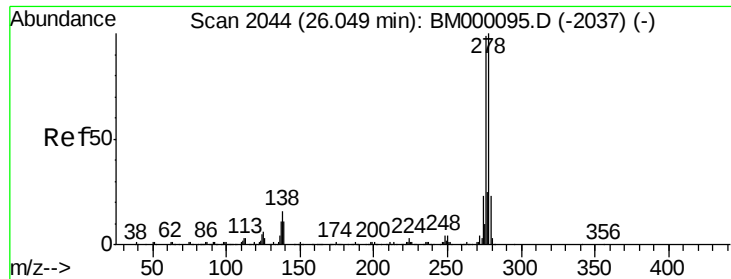


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 3.37 ng/ul

RT: 26.04 min Scan# 2043

Delta R.T. -0.02 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

Instrument :

BNA_M

ClientSampleId :

SSTD02012

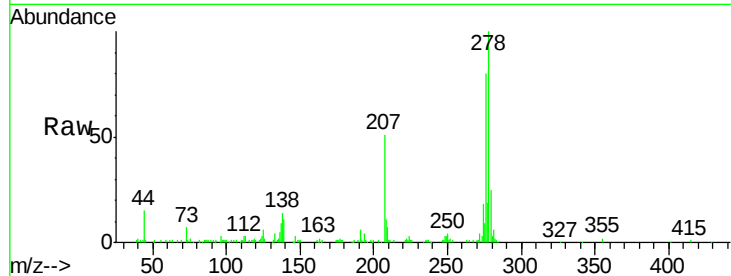
Tgt Ion:278 Resp: 221413

Ion Ratio Lower Upper

278 100

139 10.7 10.2 15.2

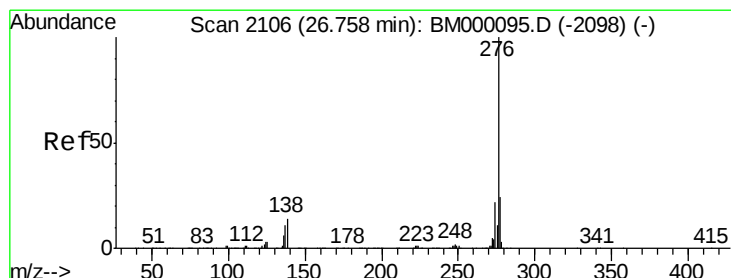
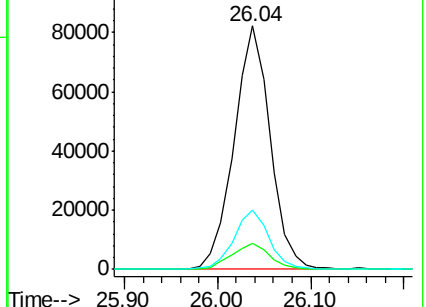
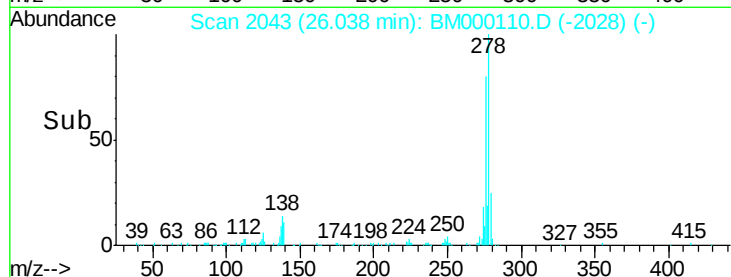
279 24.6 19.2 28.8



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: 3.31 ng/ul

RT: 26.73 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BM000110.D

Acq: 02 Jan 2015 12:38

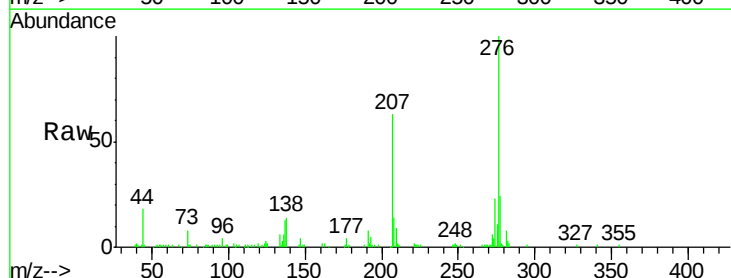
Tgt Ion:276 Resp: 211898

Ion Ratio Lower Upper

276 100

138 14.4 12.1 18.1

277 23.9 19.0 28.4



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

