

Data Path : Z:\HPCHEM1\BNA_M\Data\bm020916\
 Data File : BM004215.D
 Acq On : 09 Feb 2016 09:47
 Operator : SJ/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02054

Quant Time: Feb 10 01:35:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 09 01:37:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	27346	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	133269	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	84125	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	201613	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	233152	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	205501	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	3693	7.14	ng/uL	0.00
5) Phenol-d5	6.83	99	47844	17.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	24140	17.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	40268	19.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	42006	18.35	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	20448	20.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	22507	20.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	42540	20.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	57131	22.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	138630	19.16	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	173337	20.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	22996	15.87	ng/ul	0.00
58) Fluorene-d10	15.32	176	123595	19.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	20795	16.74	ng/ul	0.00
71) Anthracene-d10	17.17	188	198124	20.20	ng/ul	0.00
79) Pyrene-d10	19.47	212	224416	21.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	221206	20.64	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	4627	7.24	ng/uL	95
4) Benzaldehyde	6.80	77	30709	19.84	ng/ul	98
6) Phenol	6.86	94	50764	17.50	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	36588	17.81	ng/ul	96
10) 2-Chlorophenol	7.22	128	41717	19.09	ng/ul	98
11) 2-Methylphenol	8.10	108	40863	18.30	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	35910	16.04	ng/ul	99
14) Acetophenone	8.48	105	67563	18.52	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	31571	17.61	ng/ul	99
16) 4-Methylphenol	8.43	108	45702	18.08	ng/ul	100
17) Hexachloroethane	8.72	117	15737	19.79	ng/ul	99
20) Nitrobenzene	8.86	77	47107	19.30	ng/ul	99
21) Isophorone	9.37	82	91250	18.49	ng/ul	99
23) 2-Nitrophenol	9.57	139	25685	20.36	ng/ul	96
24) 2,4-Dimethylphenol	9.63	107	52492	19.59	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	53412	18.44	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	45100	20.78	ng/ul	99
28) Naphthalene	10.49	128	146930	19.58	ng/ul	99
30) 4-Chloroaniline	10.61	127	61385	22.03	ng/ul	100
31) Hexachlorobutadiene	10.77	225	26782	21.24	ng/ul	100
32) Caprolactam	11.37	113	15057	17.69	ng/ul	90
33) 4-Chloro-3-methylphenol	11.75	107	52718	19.58	ng/ul	97
34) 2-Methylnaphthalene	12.12	142	109744	19.40	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.34	142	105265	19.49	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	56226	21.72	ng/ul	99
38) Hexachlorocyclopentadiene	12.47	237	14616	13.85	ng/ul	99
39) 2,4,6-Trichlorophenol	12.74	196	37266	21.52	ng/ul	97
40) 2,4,5-Trichlorophenol	12.82	196	40676	21.13	ng/ul	99
41) 1,1'-Biphenyl	13.14	154	145489	20.22	ng/ul	99
42) 2-Chloronaphthalene	13.19	162	112379	20.67	ng/ul	99
43) 2-Nitroaniline	13.40	65	31123	19.88	ng/ul	98
45) Dimethylphthalate	13.77	163	146337	19.19	ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	30695	20.90	ng/ul	99
48) Acenaphthylene	14.04	152	187206	20.15	ng/ul	100
49) 3-Nitroaniline	14.23	138	32695	20.44	ng/ul	99
50) Acenaphthene	14.38	153	125823	19.95	ng/ul	98
51) 2,4-Dinitrophenol	14.45	184	11273	13.65	ng/ul	97
53) 4-Nitrophenol	14.56	109	18768	16.07	ng/ul	97
54) Dibenzofuran	14.72	168	179311	20.01	ng/ul	100
55) 2,4-Dinitrotoluene	14.70	165	47147	20.31	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.95	232	34206	20.05	ng/ul	96
57) Diethylphthalate	15.14	149	151848	19.14	ng/ul	99
59) Fluorene	15.37	166	147761	19.82	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.36	204	69766	19.84	ng/ul	99
61) 4-Nitroaniline	15.40	138	37009	18.98	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	23137	16.98	ng/ul	100
65) N-Nitrosodiphenylamine	15.58	169	127360	20.28	ng/ul	98
66) 4-Bromophenyl-phenylether	16.26	248	42905	20.95	ng/ul	95
67) Hexachlorobenzene	16.38	284	49931	20.95	ng/ul	97
68) Atrazine	16.54	200	46472	19.89	ng/ul	99
69) Pentachlorophenol	16.73	266	22715	18.31	ng/ul	99
70) Phenanthrene	17.11	178	245235	19.93	ng/ul	99
72) Anthracene	17.20	178	249247	19.97	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.11	216	53319	22.04	ng/uL	100
74) Pentachlorobenzene	14.64	250	55090	21.60	ng/uL	99
75) Carbazole	17.48	167	226297	19.93	ng/ul	100
76) Di-n-butylphthalate	18.04	149	270788	19.92	ng/ul	99
77) Fluoranthene	19.14	202	290597	20.29	ng/ul	99
80) Pyrene	19.50	202	306863	21.41	ng/ul	99
81) Butylbenzylphthalate	20.41	149	131453	21.58	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.20	252	96394	20.11	ng/ul	99
83) Benzo(a)anthracene	21.27	228	299678	20.19	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	193725	21.09	ng/ul	99
85) Chrysene	21.32	228	286559	20.31	ng/ul	99
87) Di-n-octyl phthalate	22.07	149	350720	25.40	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	286933	21.87	ng/ul	100
89) Benzo(k)fluoranthene	22.89	252	265408	21.72	ng/ul	100
91) Benzo(a)pyrene	23.42	252	258653	20.41	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.77	276	253315	16.75	ng/ul	98
93) Dibenzo(a,h)anthracene	25.78	278	214288	16.99	ng/ul	99
94) Benzo(g,h,i)perylene	26.46	276	203696	15.79	ng/ul	99

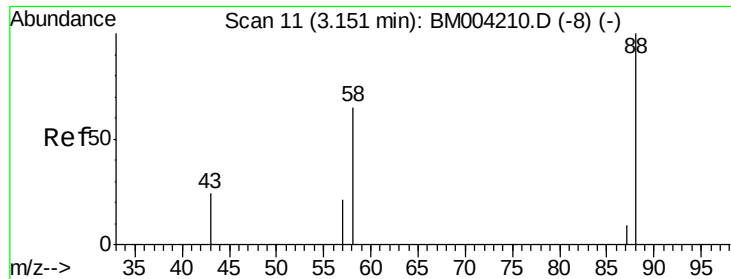
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 7.24 ng/uL

RT: 3.15 min Scan# 11

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

Instrument :

BNA_M

ClientSampleId :

SSTD02054

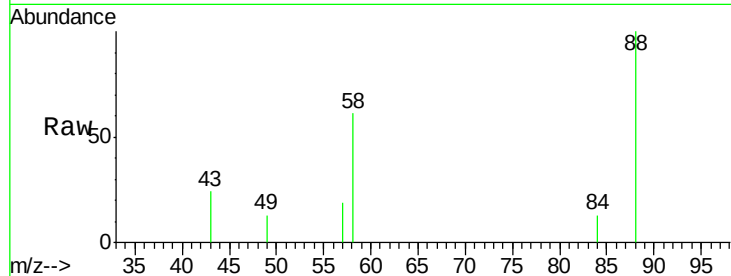
Tgt Ion: 88 Resp: 4627

Ion Ratio Lower Upper

88 100

43 21.9 21.0 31.6

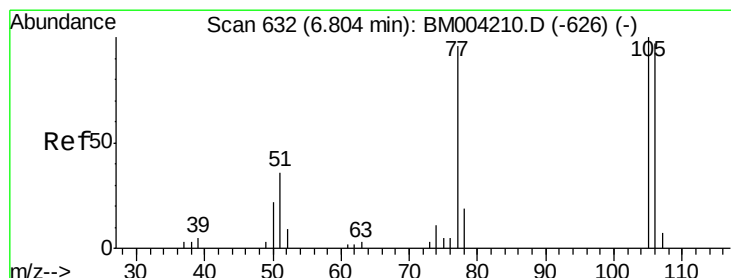
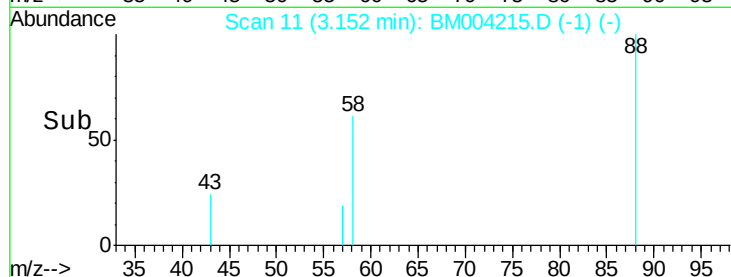
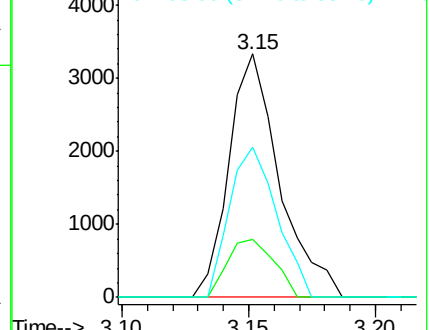
58 57.8 47.8 71.8



Abundance Ion 88.00 (87.70 to 88.70): BM004215.D (-598) (-)

Ion 43.00 (42.70 to 43.70): BM004215.D (-598) (-)

Ion 58.00 (57.70 to 58.70): BM004215.D (-598) (-)



#4

Benzaldehyde

Concen: 19.84 ng/uL

RT: 6.80 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

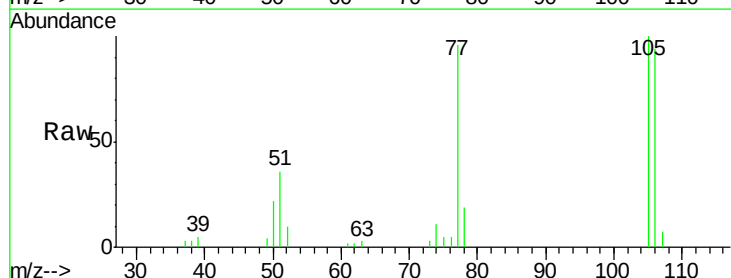
Tgt Ion: 77 Resp: 30709

Ion Ratio Lower Upper

77 100

105 104.1 80.6 120.8

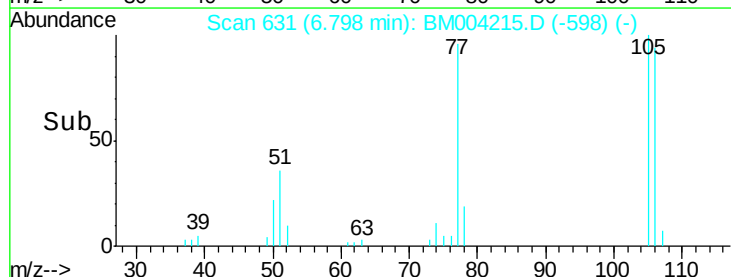
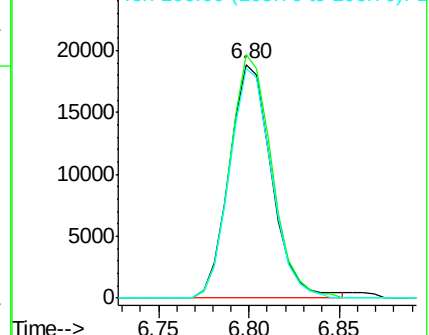
106 98.0 77.7 116.5

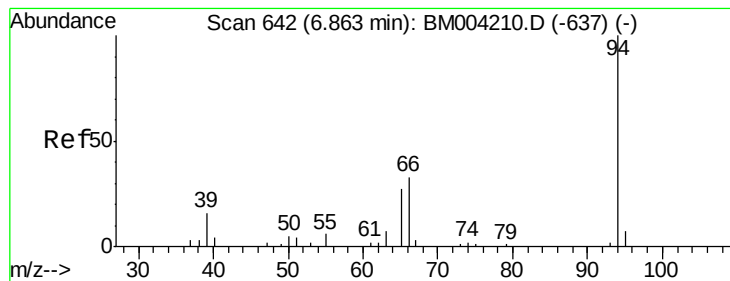


Abundance Ion 77.00 (76.70 to 77.70): BM004215.D (-598) (-)

Ion 105.00 (104.70 to 105.70): BM004215.D (-598) (-)

Ion 106.00 (105.70 to 106.70): BM004215.D (-598) (-)





#6

Phenol

Concen: 17.50 ng/ul

RT: 6.86 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

Instrument :

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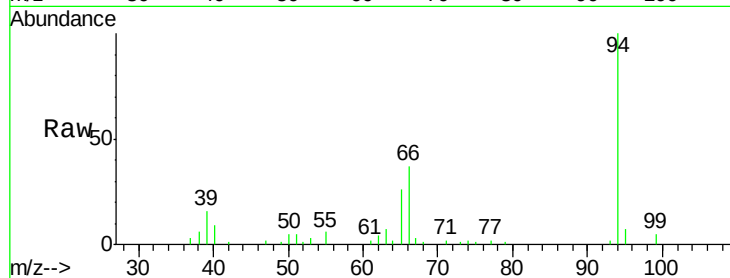
Tgt Ion: 94 Resp: 50764

Ion Ratio Lower Upper

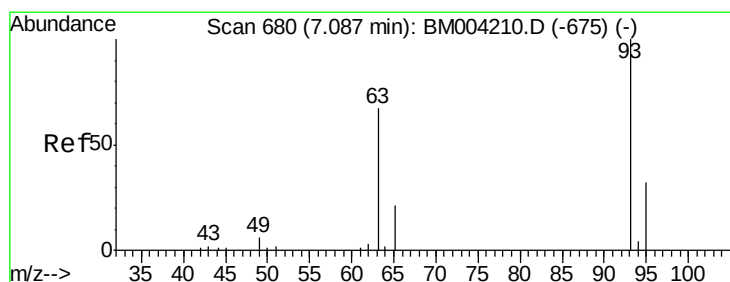
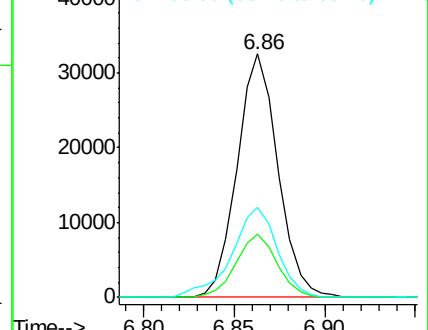
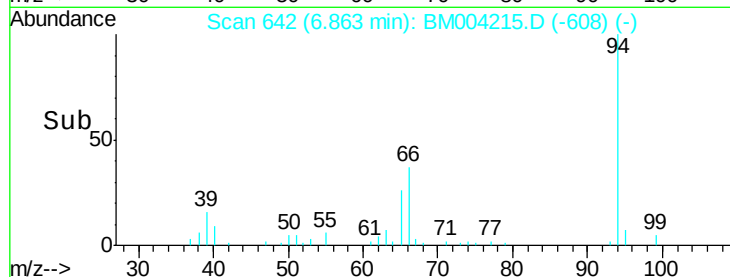
94 100

65 25.9 21.0 31.6

66 36.9 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004215.D (-608) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 17.81 ng/ul

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

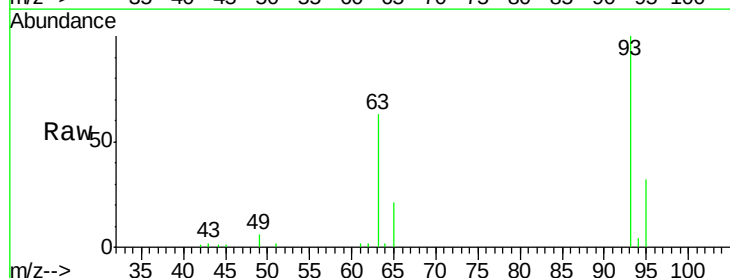
Tgt Ion: 93 Resp: 36588

Ion Ratio Lower Upper

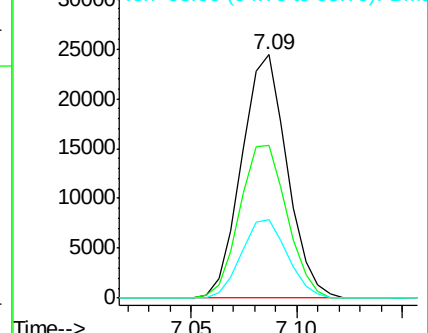
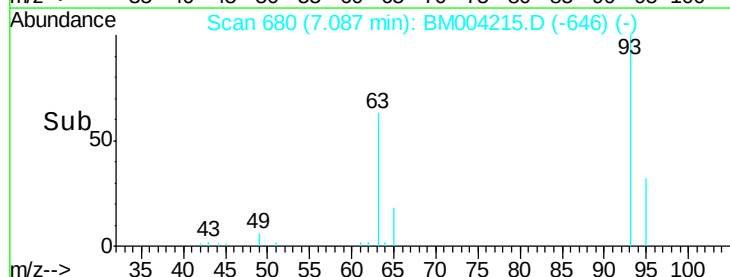
93 100

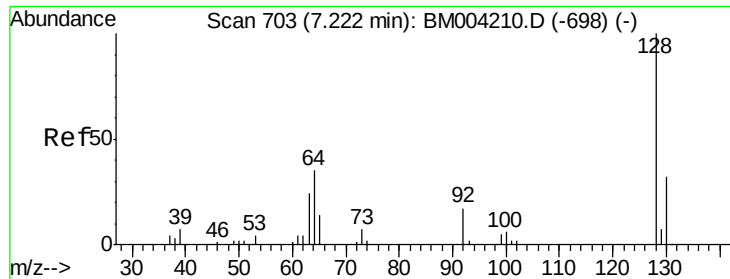
63 62.9 53.5 80.3

95 32.3 26.2 39.2



Abundance Ion 93.00 (92.70 to 93.70): BM004215.D (-646) (-)

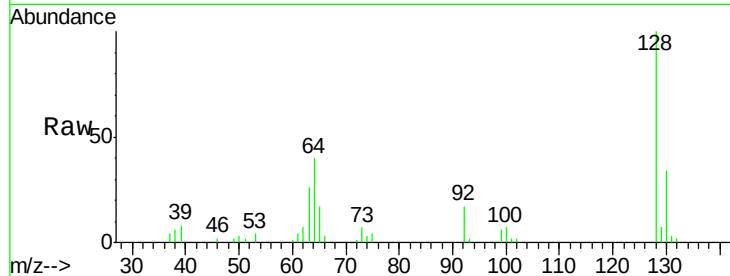




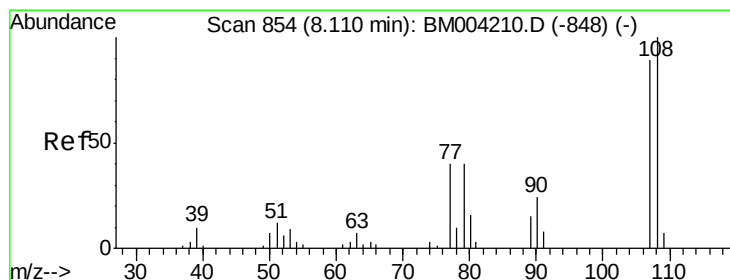
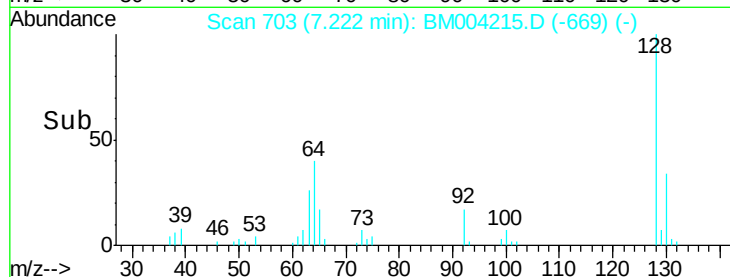
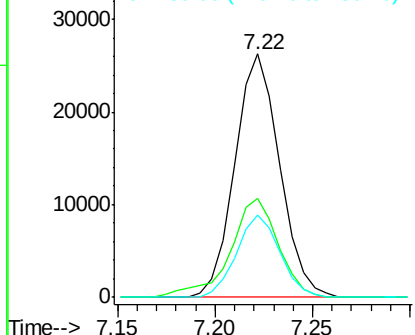
#10
2-Chlorophenol
Concen: 19.09 ng/ul
RT: 7.22 min Scan# 703
Delta R.T. 0.00 min
Lab File: BM004215.D
Acq: 09 Feb 2016 09:47

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ClientSampleId :
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Tgt Ion:128 Resp: 41717
Ion Ratio Lower Upper
128 100
64 40.5 31.9 47.9
130 33.8 25.6 38.4

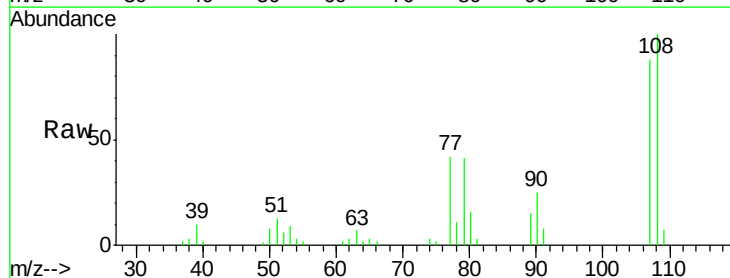


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM
Ion 130.00 (129.70 to 130.70): E

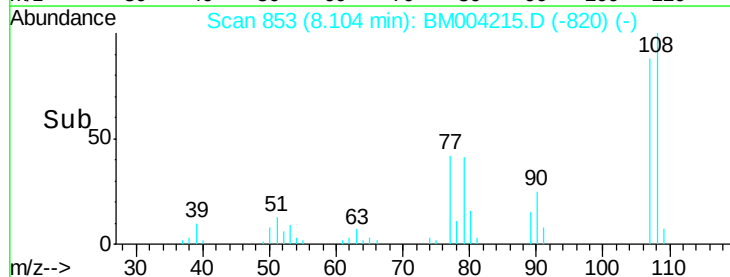
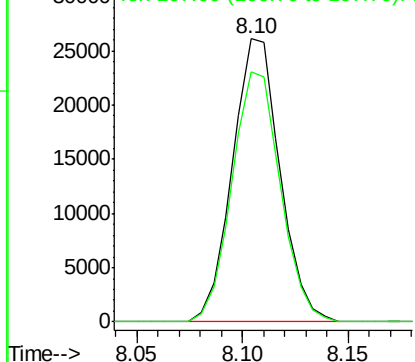


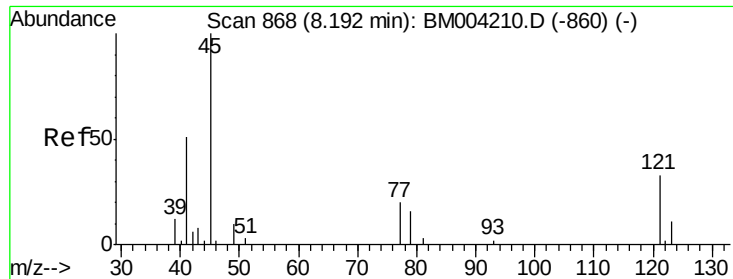
#11
2-Methylphenol
Concen: 18.30 ng/ul
RT: 8.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM004215.D
Acq: 09 Feb 2016 09:47

Tgt Ion:108 Resp: 40863
Ion Ratio Lower Upper
108 100
107 88.4 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

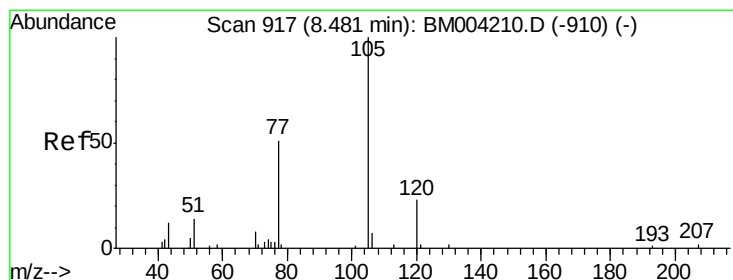
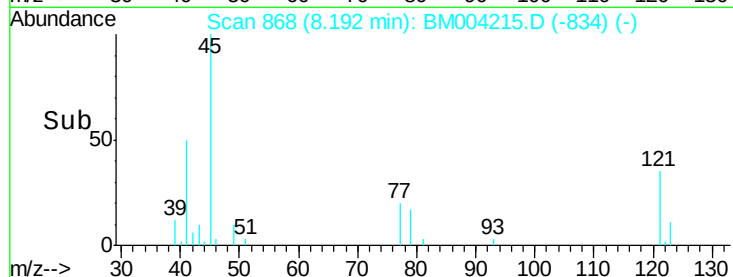
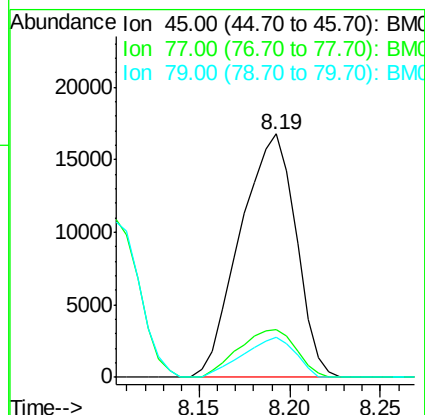
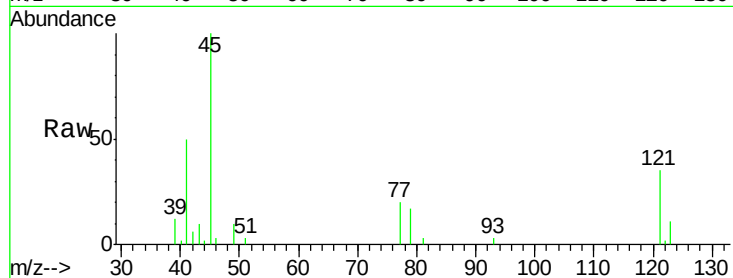




#12
2,2'-oxybis(1-Chloropropane)
Concen: 16.04 ng/ul
RT: 8.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BM004215.D
Acq: 09 Feb 2016 09:47

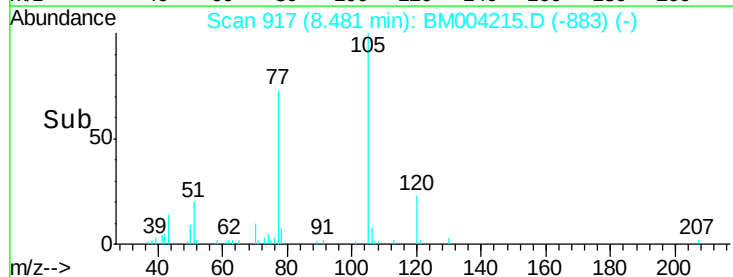
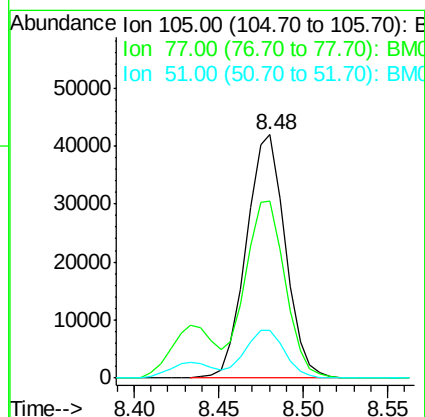
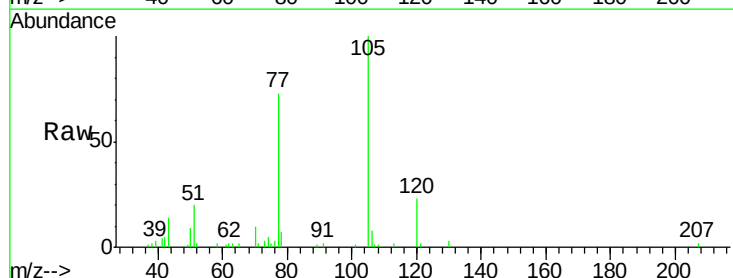
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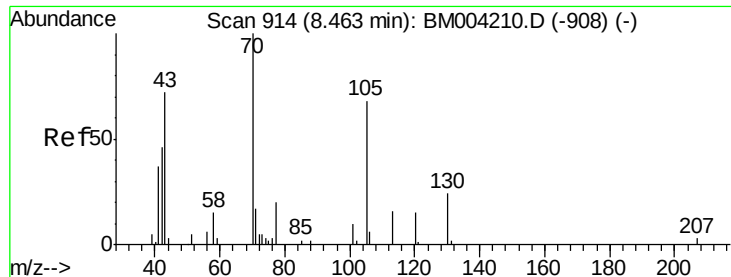
Tgt Ion: 45 Resp: 35910
Ion Ratio Lower Upper
45 100
77 19.8 15.9 23.9
79 16.6 12.5 18.7



#14
Acetophenone
Concen: 18.52 ng/ul
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BM004215.D
Acq: 09 Feb 2016 09:47

Tgt Ion: 105 Resp: 67563
Ion Ratio Lower Upper
105 100
77 72.6 59.0 88.4
51 19.7 16.4 24.6





#15

N-Nitroso-di-n-propylamine

Concen: 17.61 ng/ul

RT: 8.46 min Scan# 914

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

Instrument :

BNA_M

ClientSampleId :

SSTD02054

Tgt Ion: 70 Resp: 31571

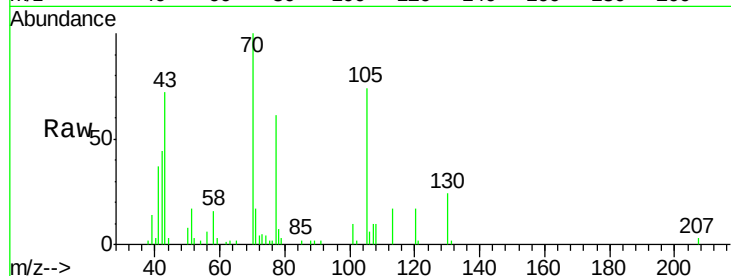
Ion Ratio Lower Upper

70 100

42 44.2 35.4 53.0

101 10.3 8.4 12.6

130 23.6 18.2 27.4

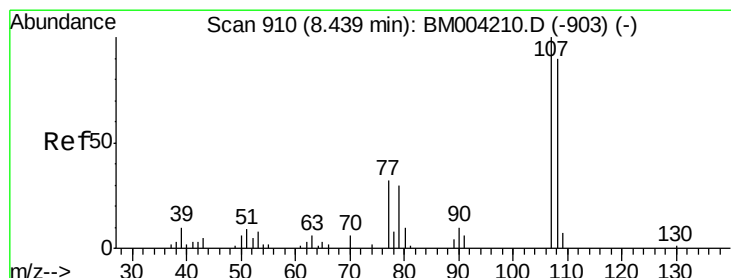
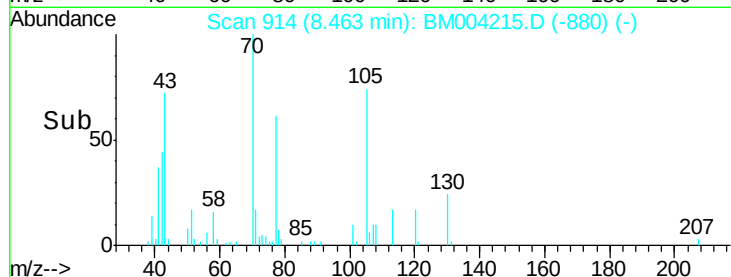
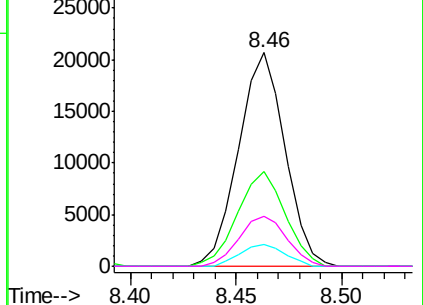


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 18.08 ng/ul

RT: 8.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BM004215.D

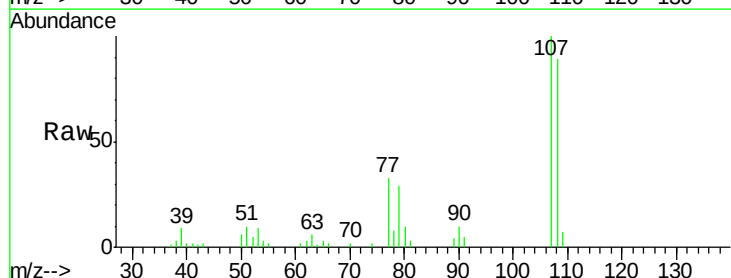
Acq: 09 Feb 2016 09:47

Tgt Ion: 108 Resp: 45702

Ion Ratio Lower Upper

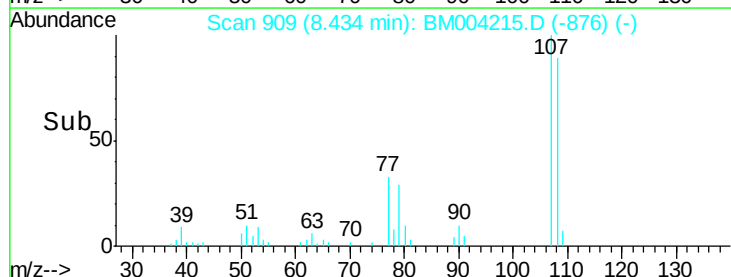
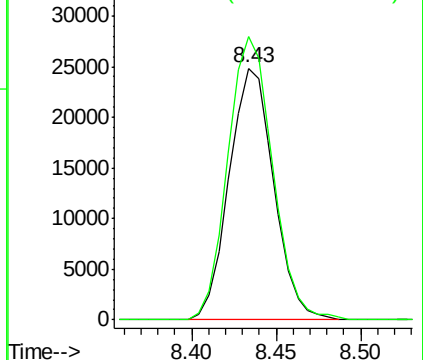
108 100

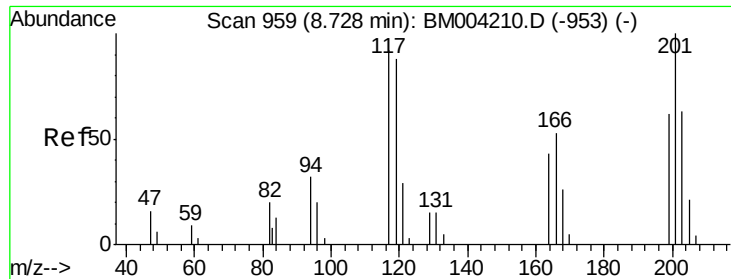
107 112.4 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 19.79 ng/ul

RT: 8.72 min Scan# 958

Delta R.T. -0.01 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

Instrument :

BNA_M

ClientSampleId :

SSTD02054

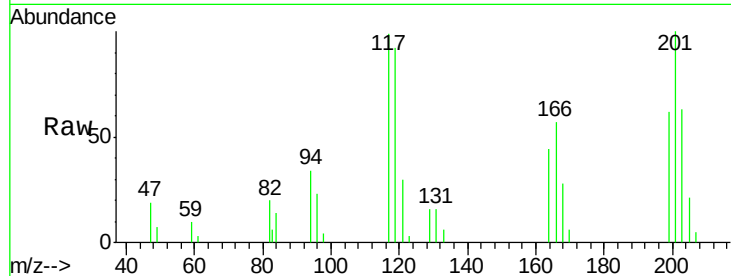
Tgt Ion:117 Resp: 15737

Ion Ratio Lower Upper

117 100

201 100.6 81.5 122.3

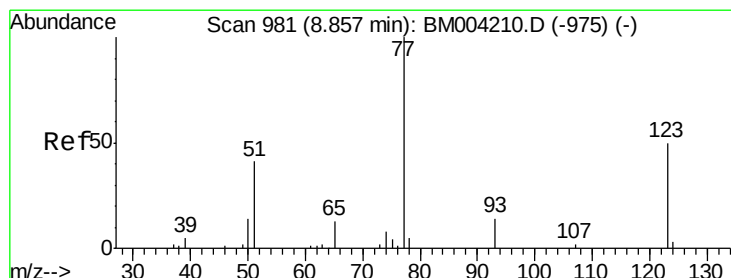
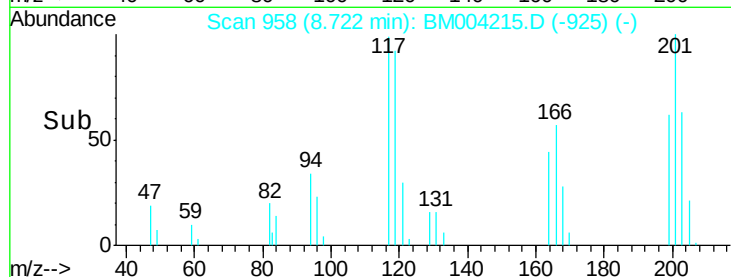
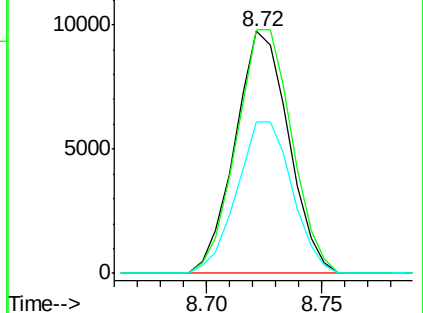
199 62.7 50.6 76.0



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: 19.30 ng/ul

RT: 8.86 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

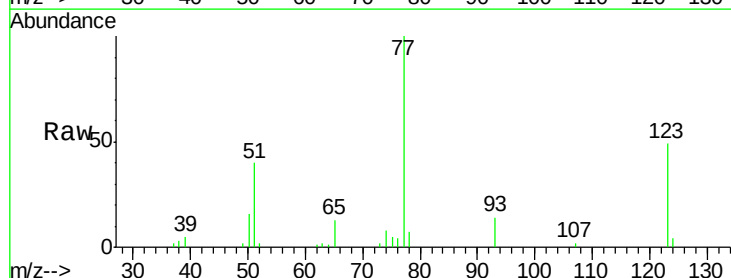
Tgt Ion: 77 Resp: 47107

Ion Ratio Lower Upper

77 100

123 49.3 39.0 58.4

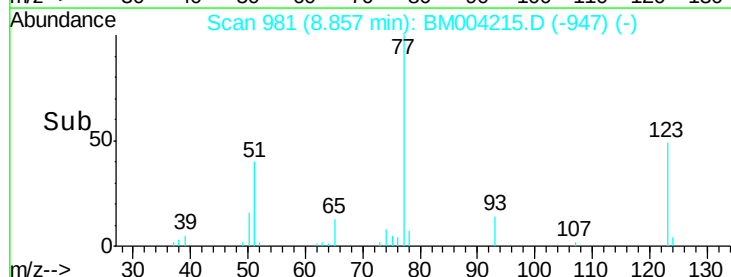
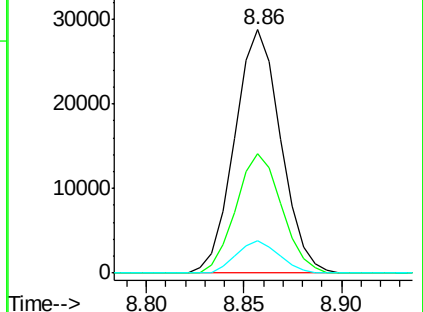
65 13.1 10.4 15.6

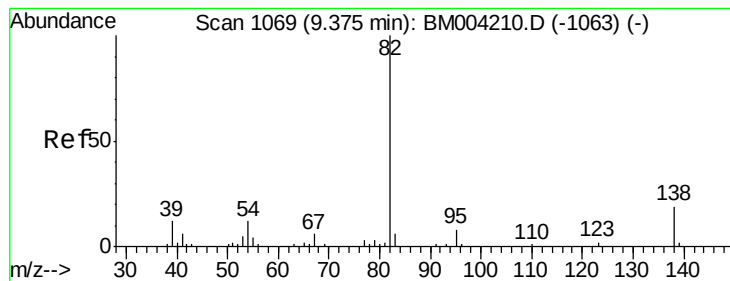


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 18.49 ng/ul

RT: 9.37 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

Instrument :

BNA_M

ClientSampleId :

SSTD02054

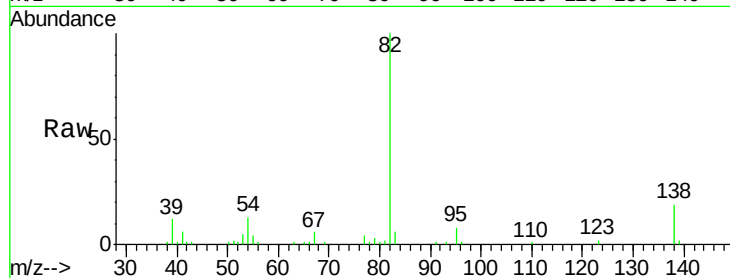
Tgt Ion: 82 Resp: 91250

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

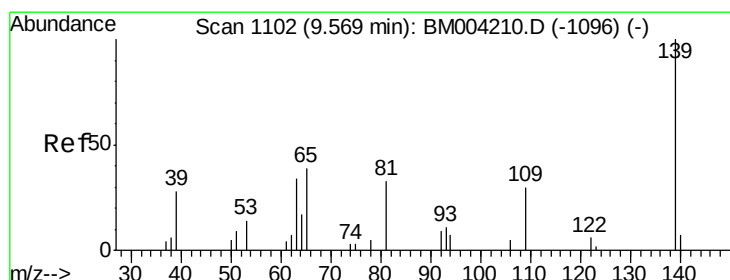
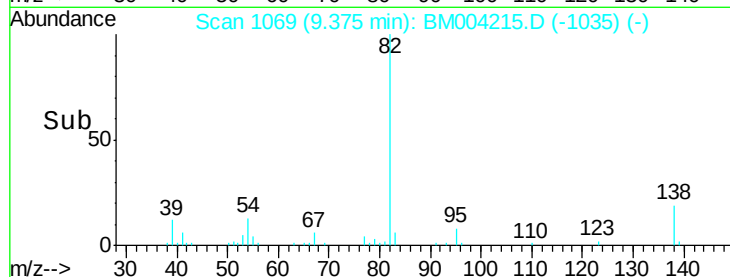
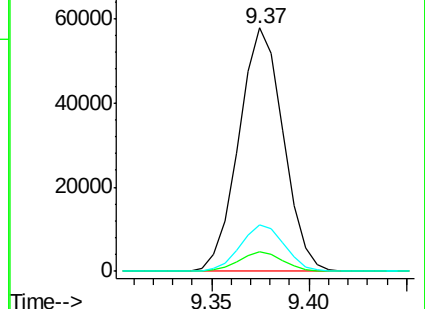
138 19.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BM004215.D (-1035) (-)

Ion 95.00 (94.70 to 95.70): BM004215.D (-1035) (-)

Ion 138.00 (137.70 to 138.70): BM004215.D (-1035) (-)



#23

2-Nitrophenol

Concen: 20.36 ng/ul

RT: 9.57 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

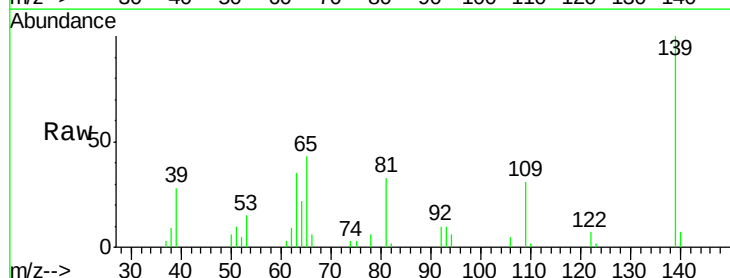
Tgt Ion: 139 Resp: 25685

Ion Ratio Lower Upper

139 100

65 43.0 36.3 54.5

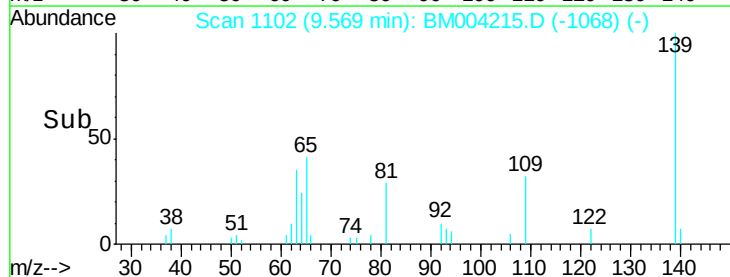
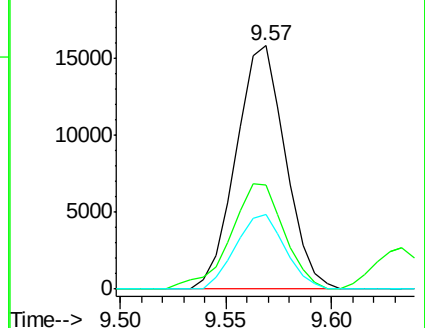
109 30.7 26.4 39.6

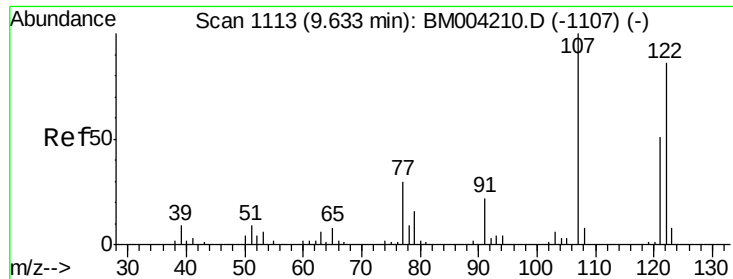


Abundance Ion 139.00 (138.70 to 139.70): BM004215.D (-1068) (-)

Ion 65.00 (64.70 to 65.70): BM004215.D (-1068) (-)

Ion 109.00 (108.70 to 109.70): BM004215.D (-1068) (-)

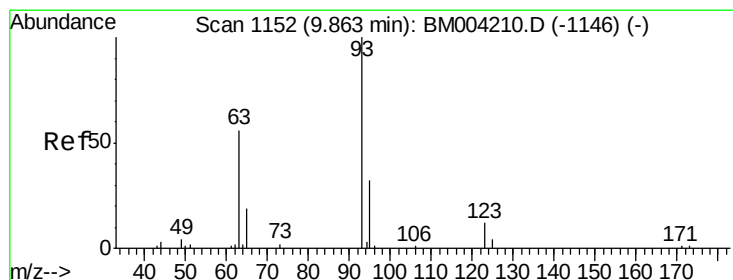
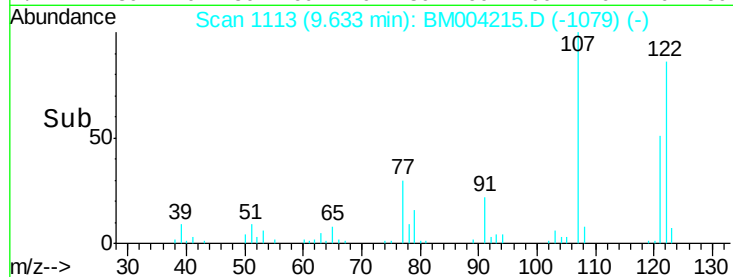
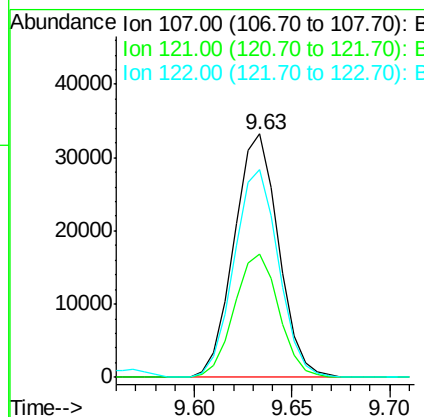
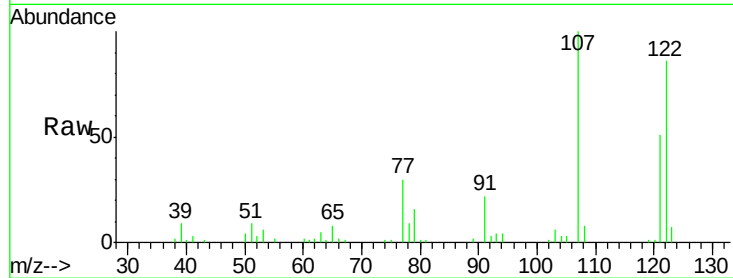




#24
 2,4-Dimethylphenol
 Concen: 19.59 ng/ul
 RT: 9.63 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

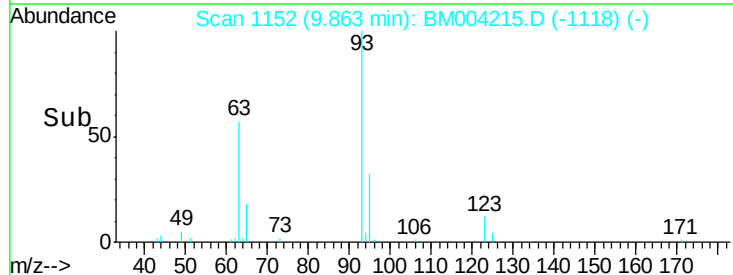
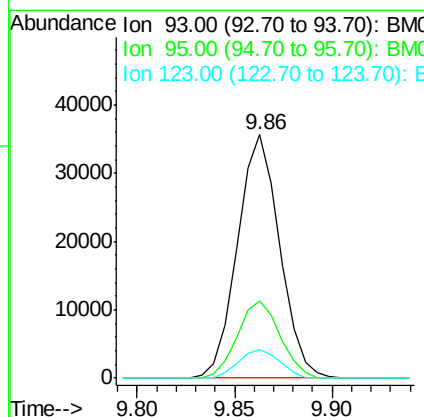
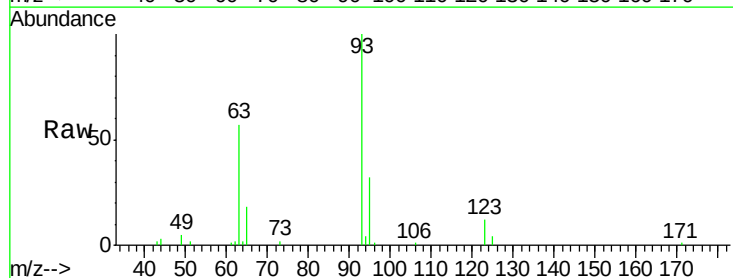
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02054

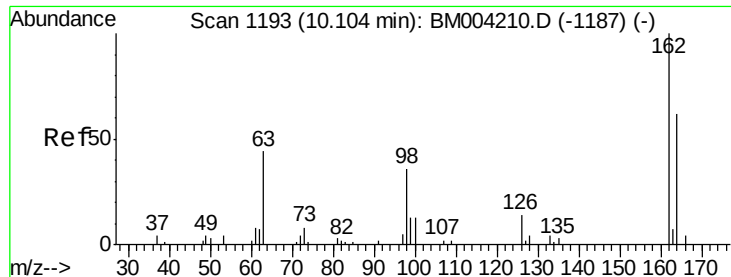
Tgt Ion: 107 Resp: 52492
 Ion Ratio Lower Upper
 107 100
 121 50.8 40.6 61.0
 122 85.6 67.8 101.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 18.44 ng/ul
 RT: 9.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

Tgt Ion: 93 Resp: 53412
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.8 38.8
 123 11.9 9.8 14.8

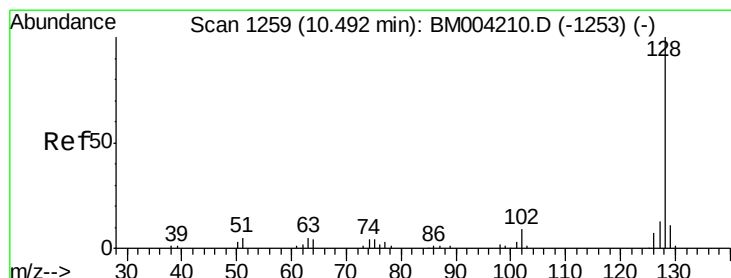
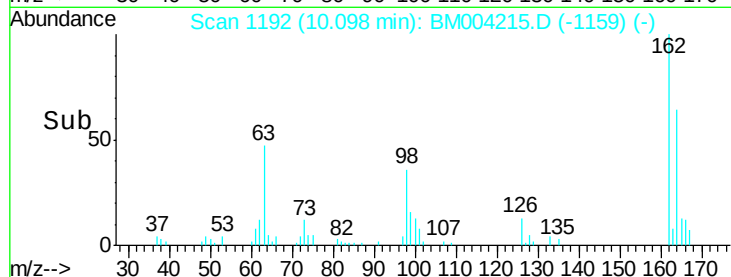
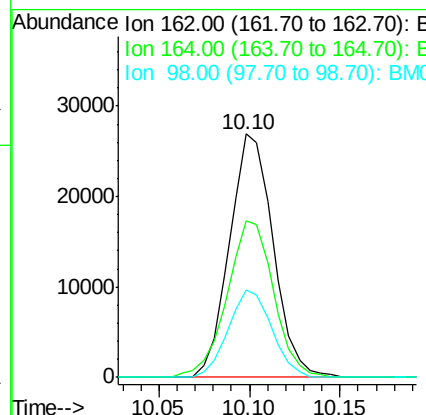
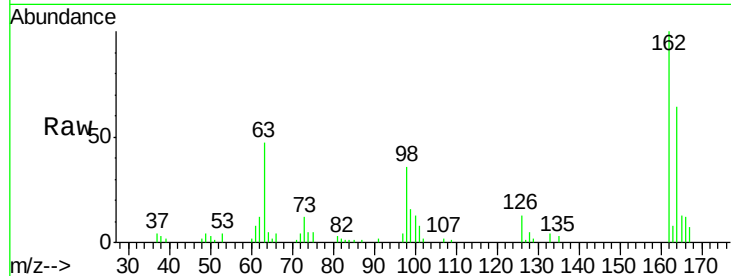




#27
 2,4-Dichlorophenol
 Concen: 20.78 ng/ul
 RT: 10.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

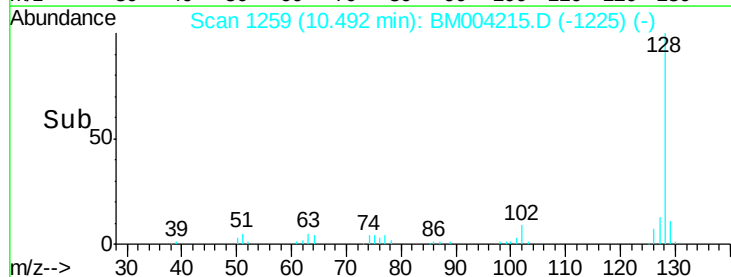
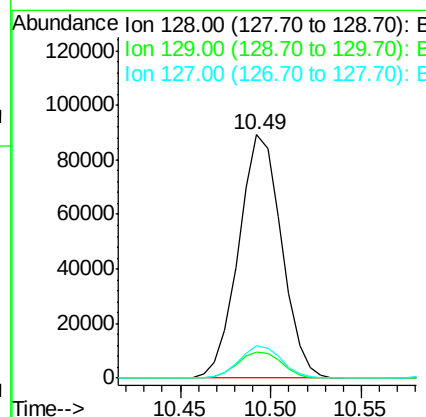
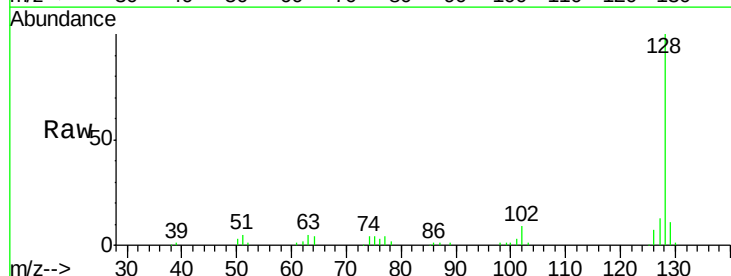
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02054

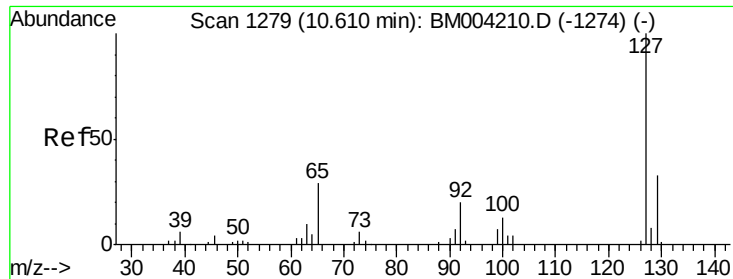
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	52.1	78.1
98	36.1	28.4	42.6



#28
 Naphthalene
 Concen: 19.58 ng/ul
 RT: 10.49 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.4	10.5	15.7

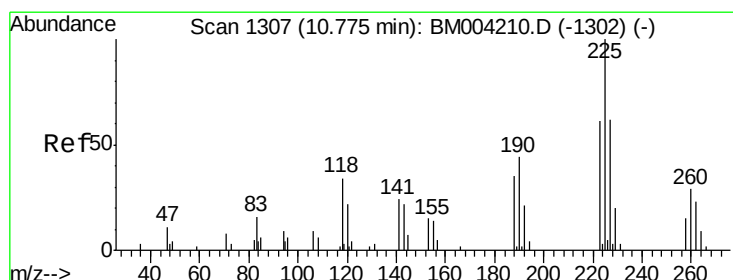
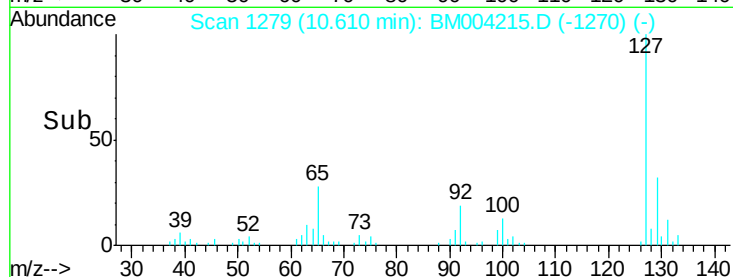
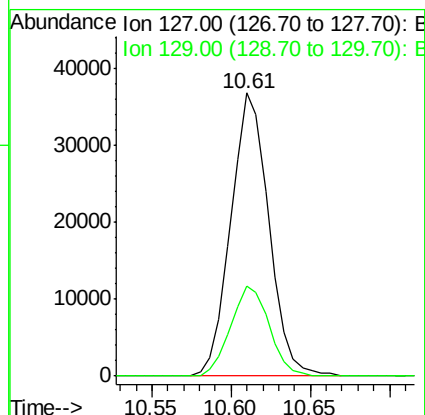
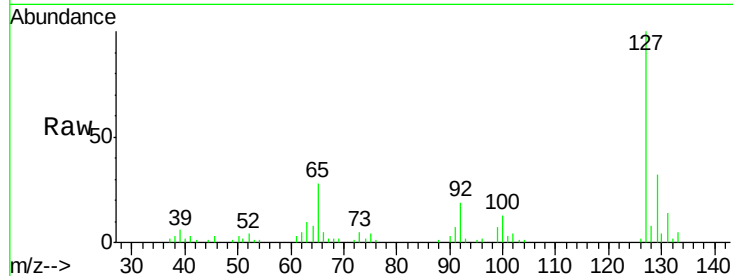




#30
4-Chloroaniline
Concen: 22.03 ng/ul
RT: 10.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BM004215.D
Acq: 09 Feb 2016 09:47

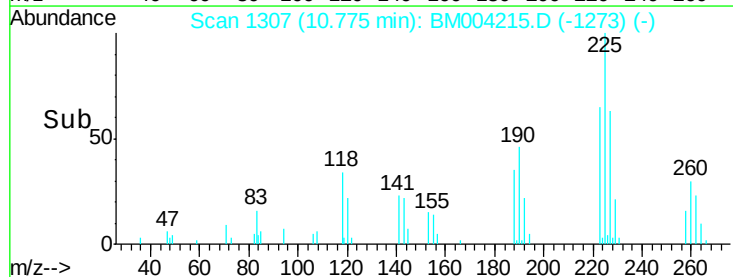
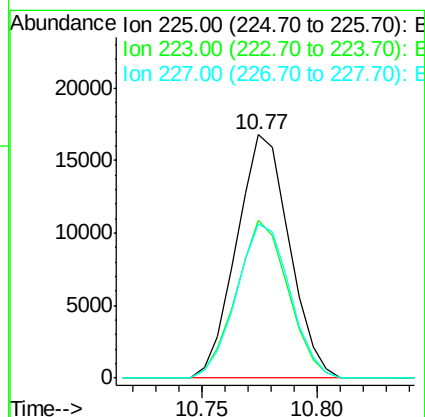
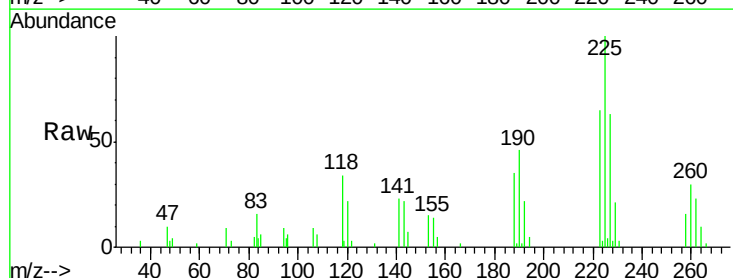
Instrument :
BNA_M
ClientSampleId :
SSTD02054

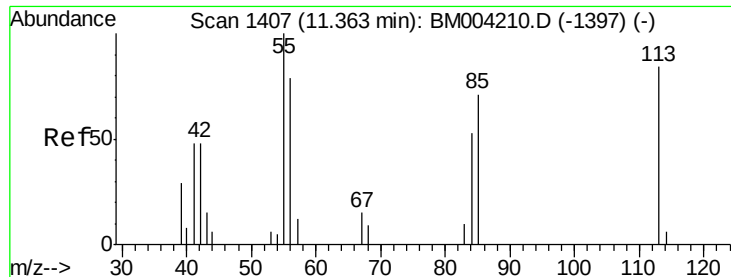
Tgt Ion:127 Resp: 61385
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2



#31
Hexachlorobutadiene
Concen: 21.24 ng/ul
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BM004215.D
Acq: 09 Feb 2016 09:47

Tgt Ion:225 Resp: 26782
Ion Ratio Lower Upper
225 100
223 65.0 51.4 77.2
227 63.4 50.7 76.1





#32

Caprolactam

Concen: 17.69 ng/ul

RT: 11.37 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

Instrument :

BNA_M

ClientSampleId :

SSTD02054

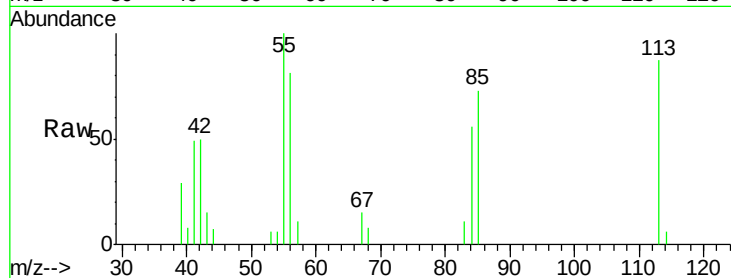
Tgt Ion:113 Resp: 15057

Ion Ratio Lower Upper

113 100

55 114.3 101.9 152.9

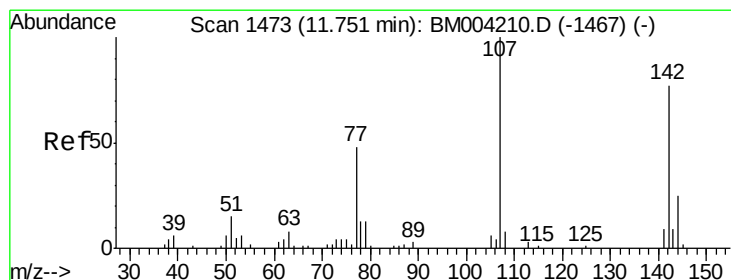
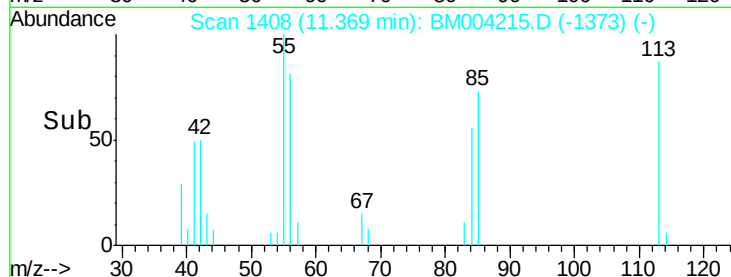
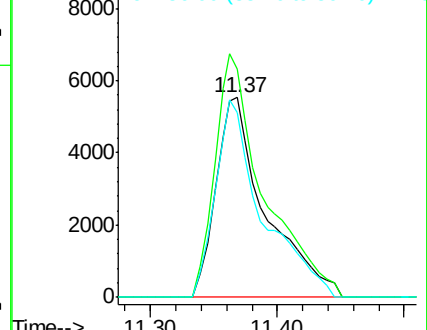
56 92.8 81.2 121.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 19.58 ng/ul

RT: 11.75 min Scan# 1473

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

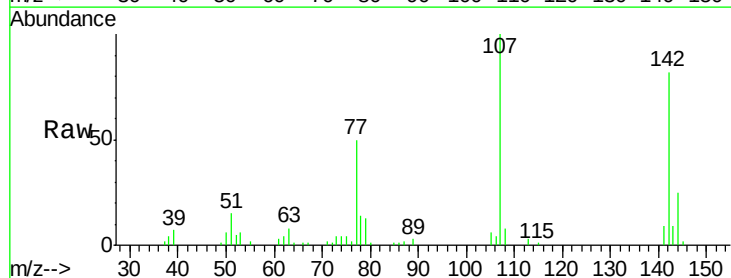
Tgt Ion:107 Resp: 52718

Ion Ratio Lower Upper

107 100

144 25.2 20.4 30.6

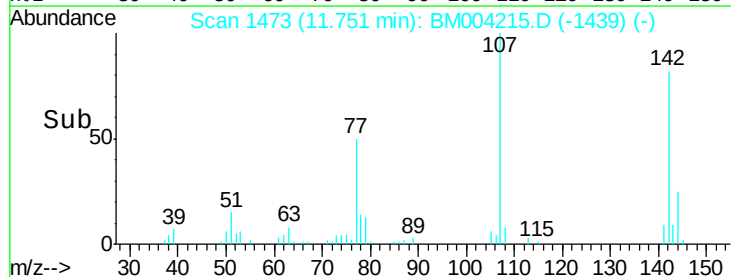
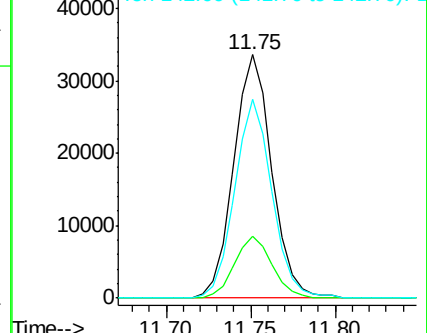
142 81.7 62.5 93.7

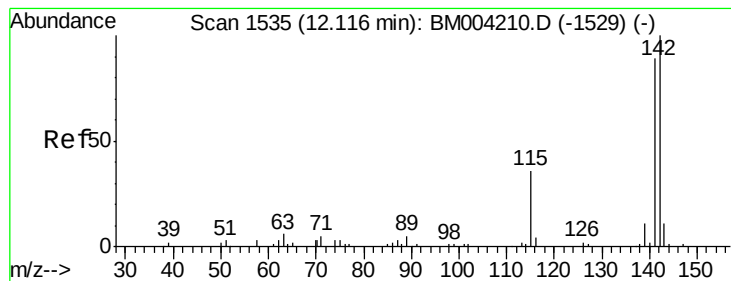


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.40 ng/ul

RT: 12.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

Instrument :

BNA_M

ClientSampleId :

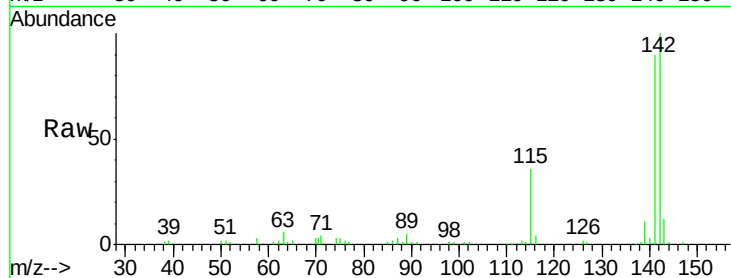
SSTD02054

Tgt Ion:142 Resp: 109744

Ion Ratio Lower Upper

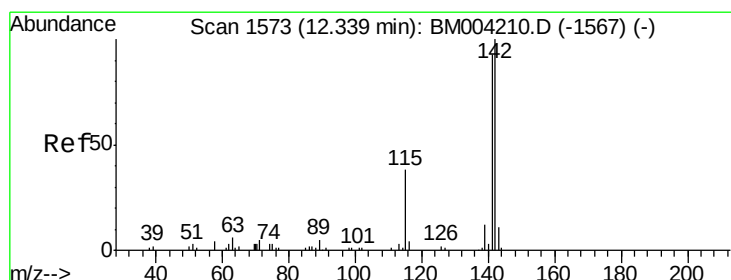
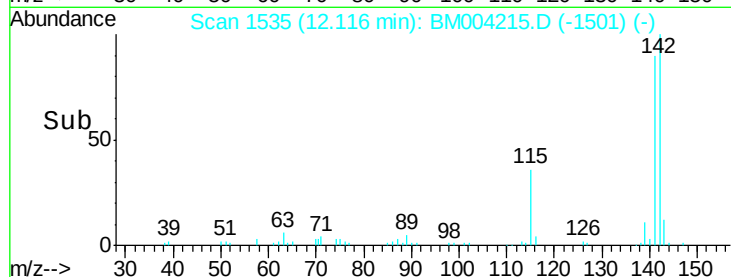
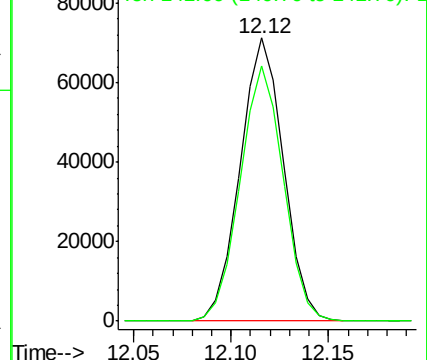
142 100

141 90.0 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 19.49 ng/ul

RT: 12.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

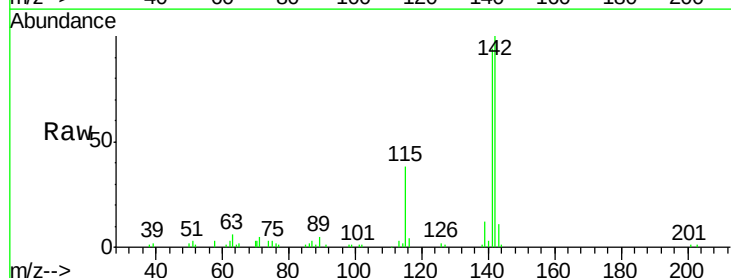
Tgt Ion:142 Resp: 105265

Ion Ratio Lower Upper

142 100

141 93.8 74.9 112.3

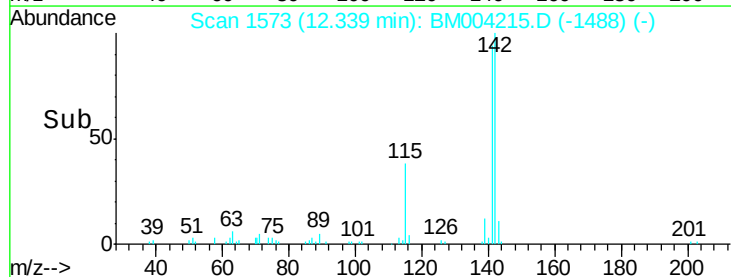
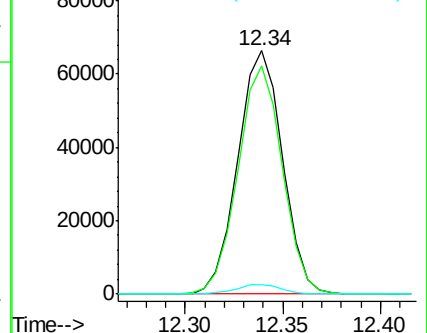
116 4.0 3.1 4.7

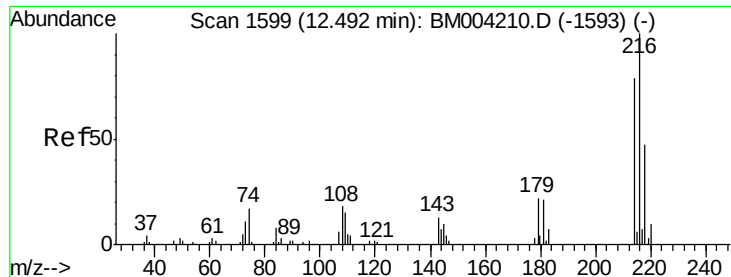


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

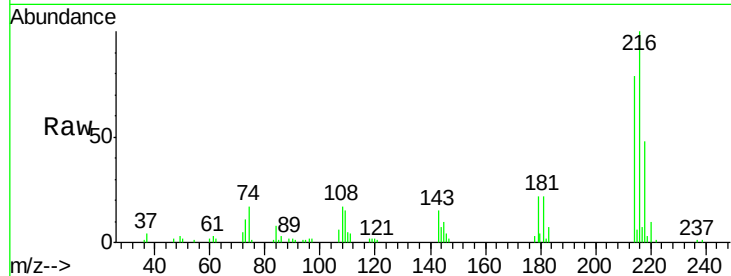




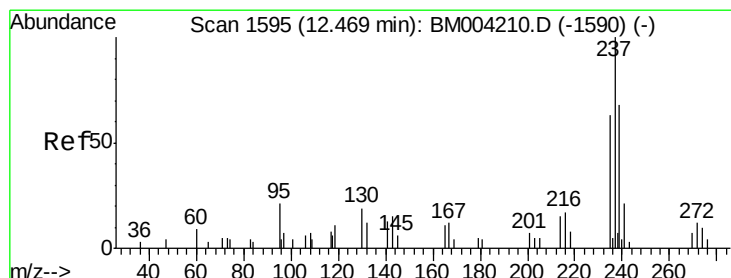
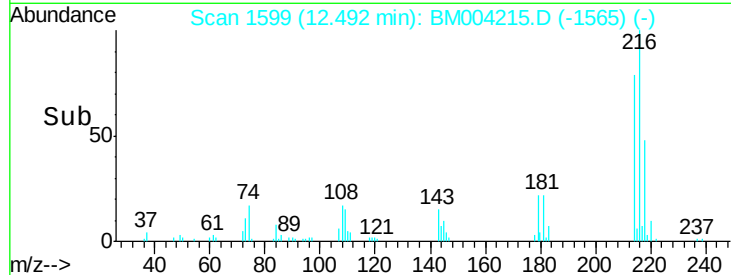
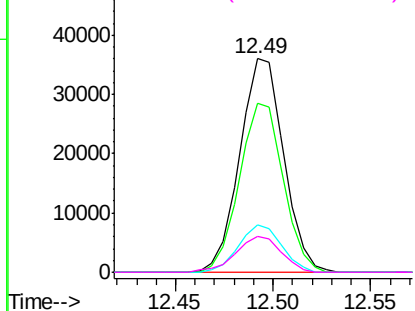
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.72 ng/ul
 RT: 12.49 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

Instrument :
 BNA_M
 ClientSampled :
 SSTD02054

Tgt Ion:	216	Resp:	56226
Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.5	93.7
179	22.1	18.2	27.2
108	17.0	14.2	21.2

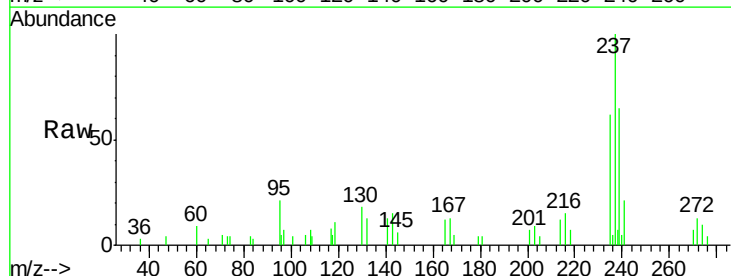


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

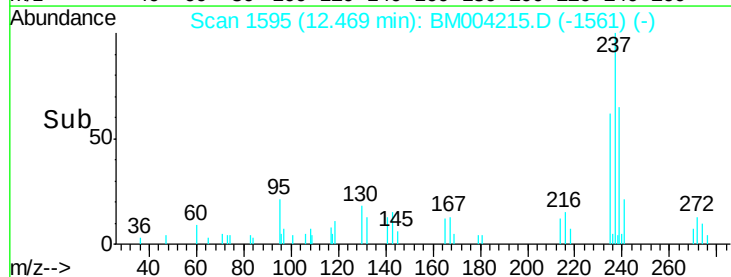
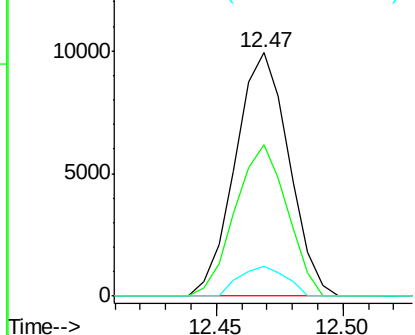


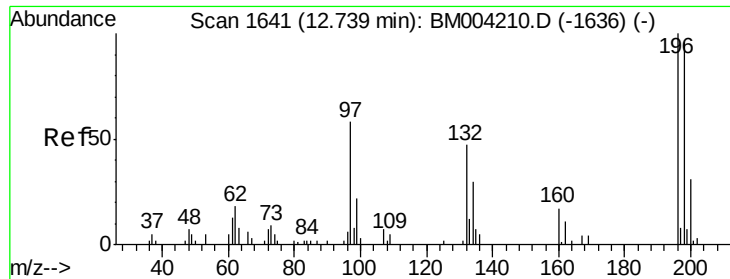
#38
 Hexachlorocyclopentadiene
 Concen: 13.85 ng/ul
 RT: 12.47 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

Tgt Ion:	237	Resp:	14616
Ion	Ratio	Lower	Upper
237	100		
235	62.3	50.4	75.6
272	12.5	9.6	14.4



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

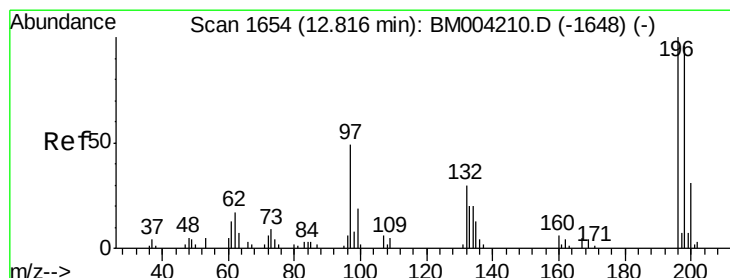
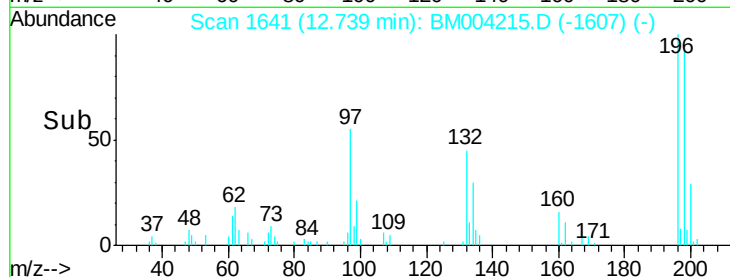
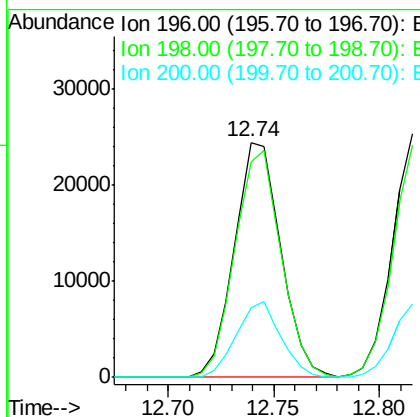
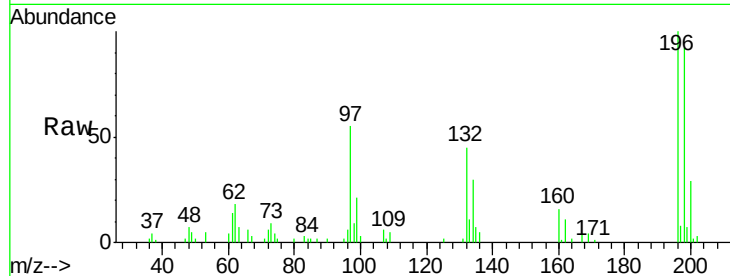




#39
 2,4,6-Trichlorophenol
 Concen: 21.52 ng/ul
 RT: 12.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

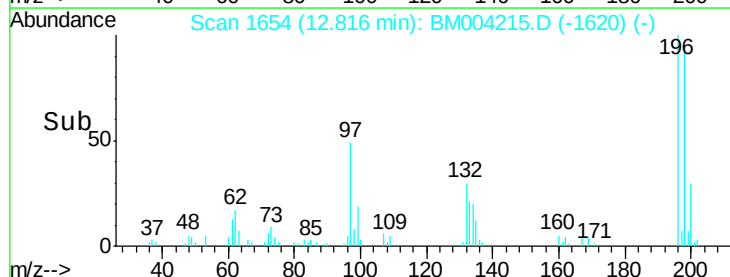
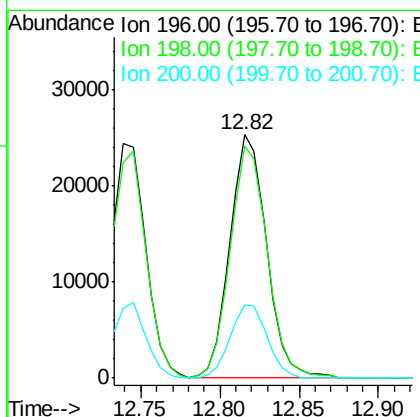
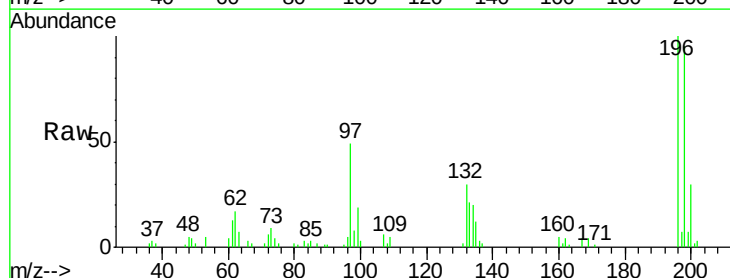
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02054

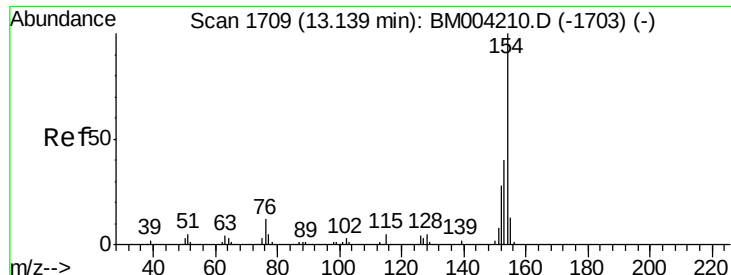
Tgt Ion:196 Resp: 37266
 Ion Ratio Lower Upper
 196 100
 198 92.1 76.6 114.8
 200 29.4 24.7 37.1



#40
 2,4,5-Trichlorophenol
 Concen: 21.13 ng/ul
 RT: 12.82 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

Tgt Ion:196 Resp: 40676
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.9 115.3
 200 30.3 25.0 37.4





#41

1,1'-Biphenyl

Concen: 20.22 ng/ul

RT: 13.14 min Scan# 1709

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

Instrument :

BNA_M

ClientSampleId :

SSTD02054

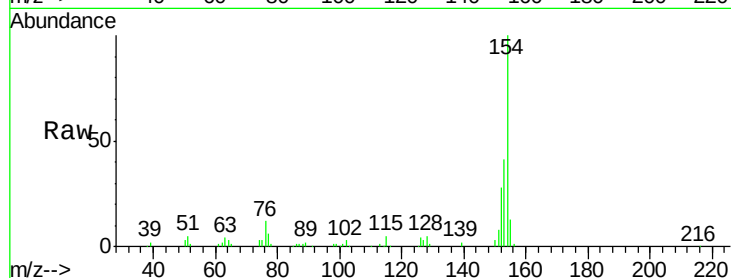
Tgt Ion:154 Resp: 145489

Ion Ratio Lower Upper

154 100

153 40.8 32.1 48.1

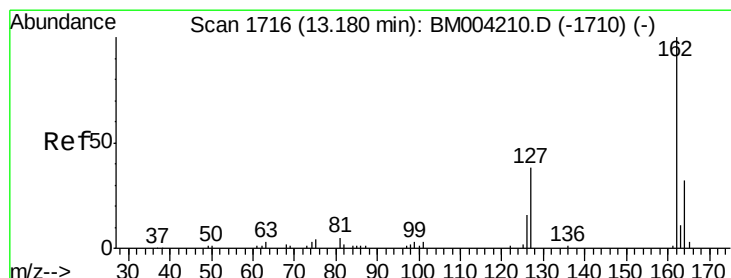
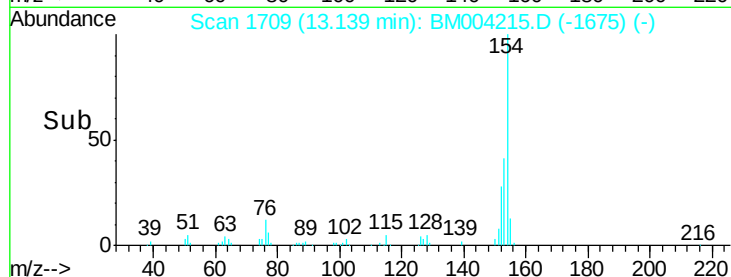
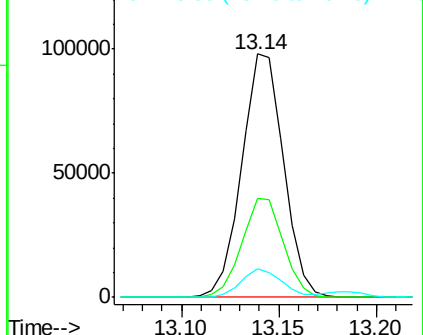
76 11.9 9.5 14.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#42

2-Chloronaphthalene

Concen: 20.67 ng/ul

RT: 13.19 min Scan# 1717

Delta R.T. 0.01 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

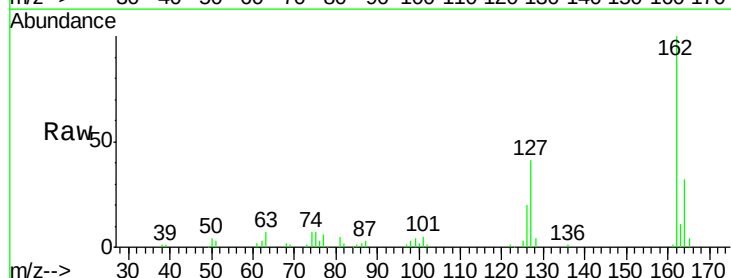
Tgt Ion:162 Resp: 112379

Ion Ratio Lower Upper

162 100

164 32.2 25.9 38.9

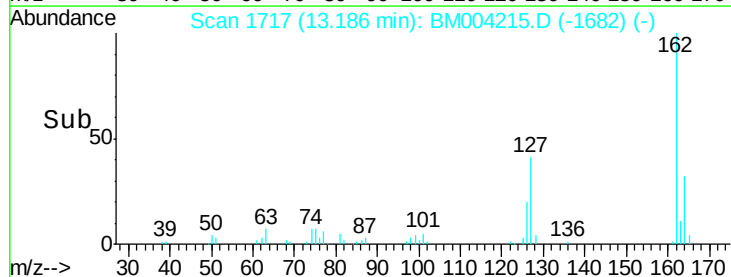
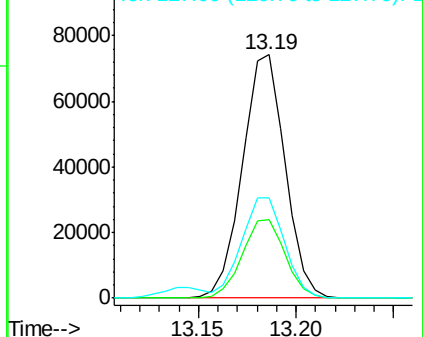
127 41.4 34.1 51.1

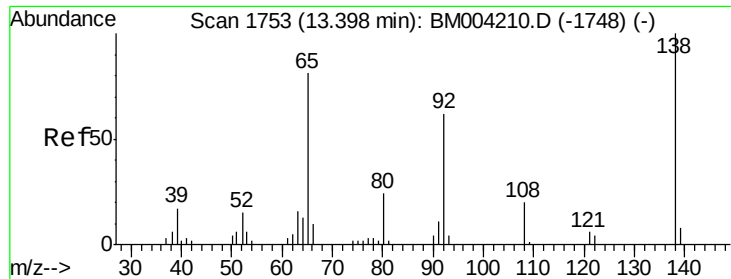


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

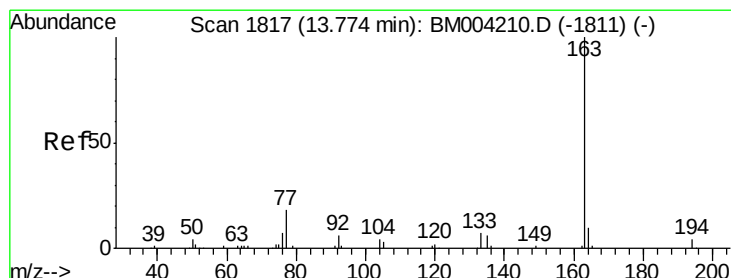
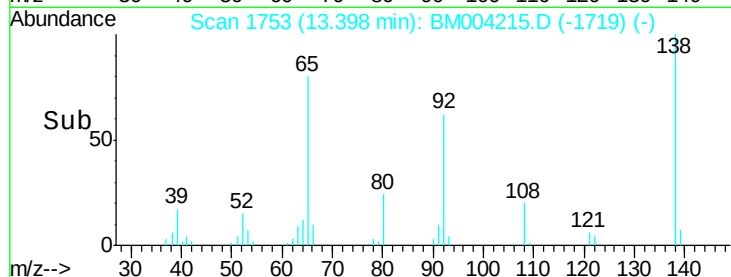
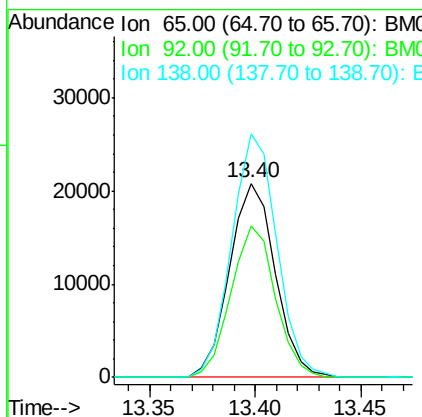
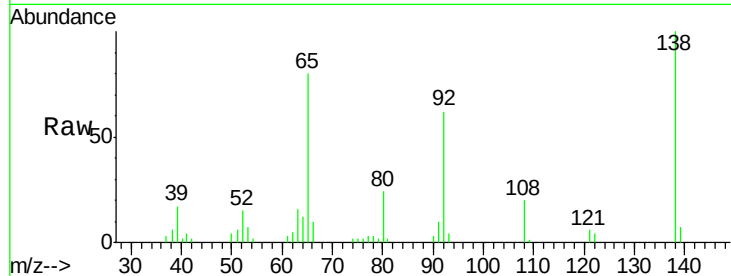




#43
2-Nitroaniline
Concen: 19.88 ng/ul
RT: 13.40 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BM004215.D
Acq: 09 Feb 2016 09:47

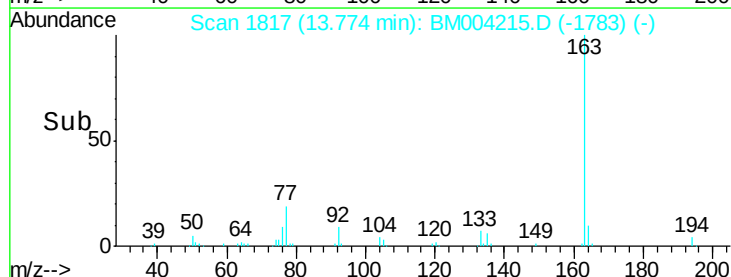
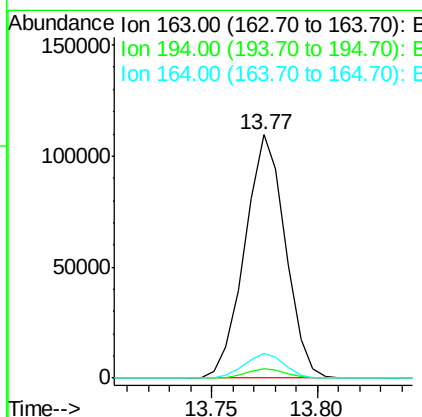
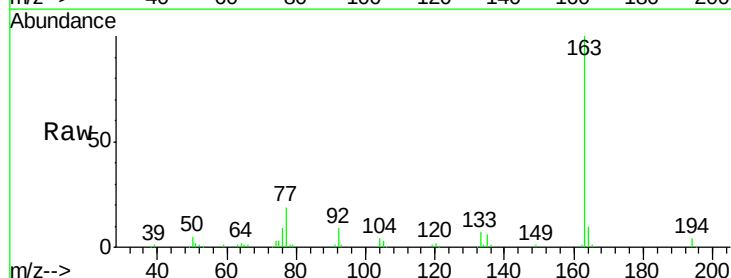
Instrument :
BNA_M
ClientSampleId :
SSTD02054

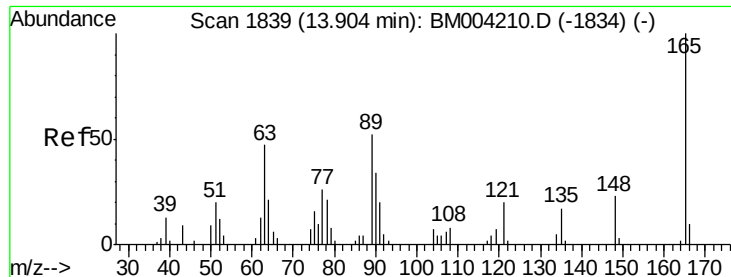
Tgt Ion: 65 Resp: 31123
Ion Ratio Lower Upper
65 100
92 78.3 60.4 90.6
138 125.5 99.8 149.6



#45
Dimethylphthalate
Concen: 19.19 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BM004215.D
Acq: 09 Feb 2016 09:47

Tgt Ion: 163 Resp: 146337
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.9 7.8 11.8

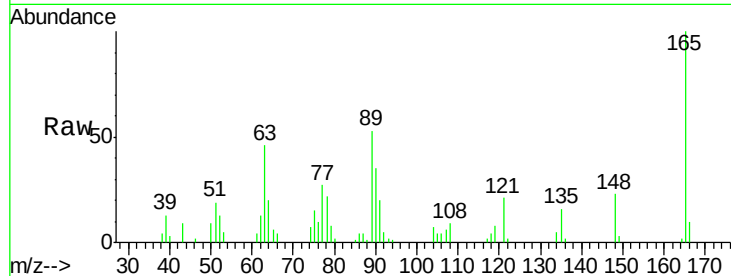




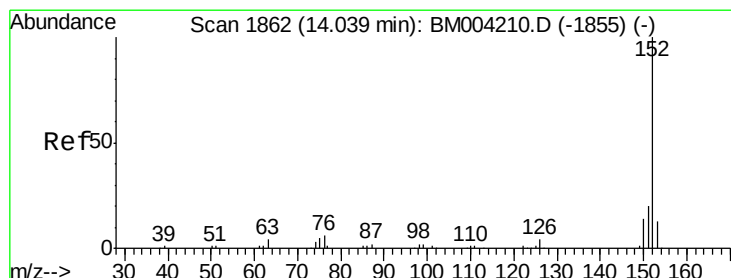
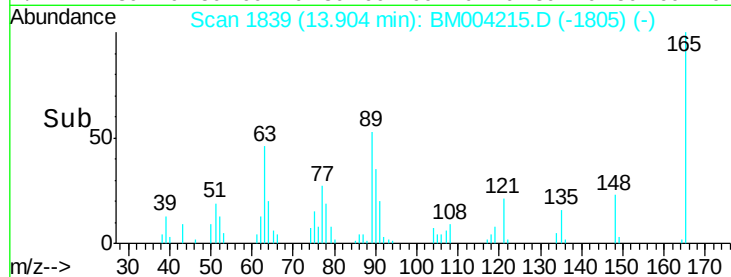
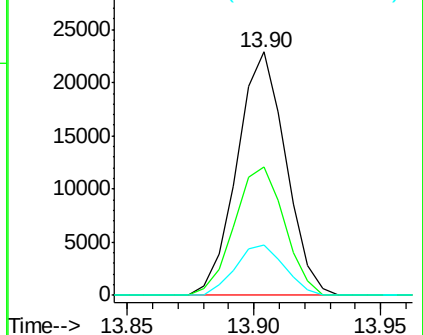
#46
 2,6-Dinitrotoluene
 Concen: 20.90 ng/ul
 RT: 13.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02054

Tgt Ion	Ratio	Lower	Upper
165	100		
89	52.6	42.4	63.6
121	20.6	16.6	24.8

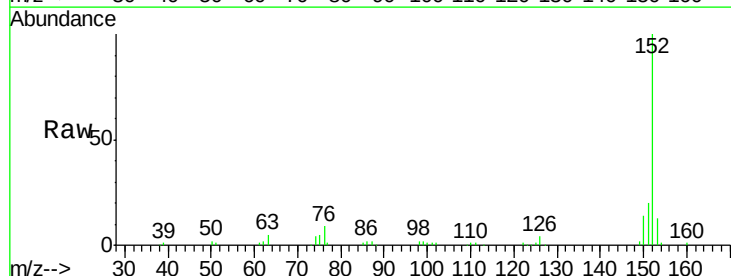


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM004215.D (-1805) (-)
 Ion 121.00 (120.70 to 121.70): E

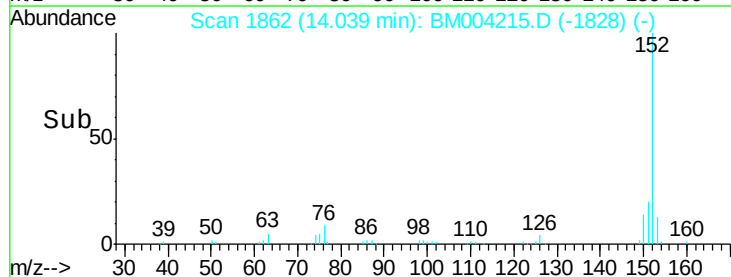
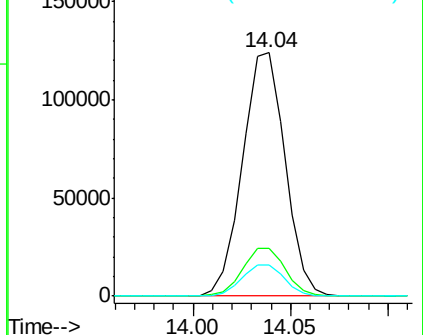


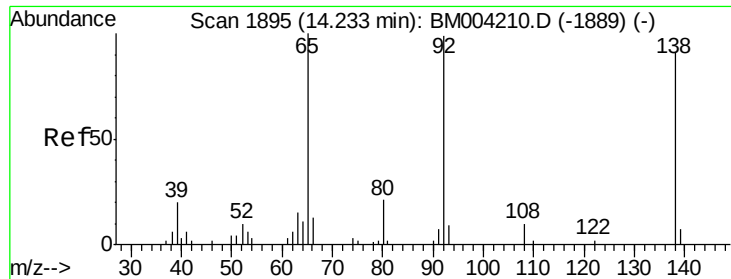
#48
 Acenaphthylene
 Concen: 20.15 ng/ul
 RT: 14.04 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.0	10.5	15.7



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





#49

3-Nitroaniline

Concen: 20.44 ng/ul

RT: 14.23 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

Instrument :

BNA_M

ClientSampleId :

SSTD02054

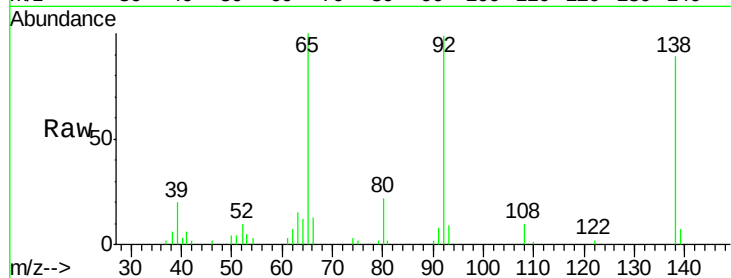
Tgt Ion:138 Resp: 32695

Ion Ratio Lower Upper

138 100

108 11.4 8.7 13.1

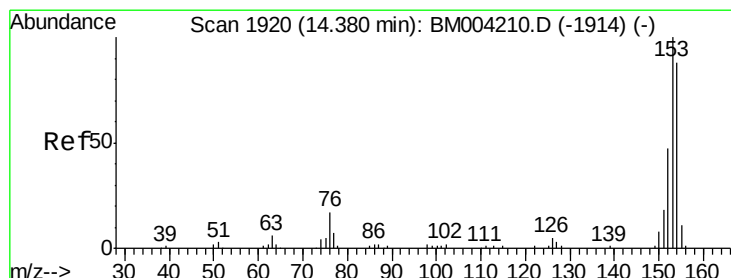
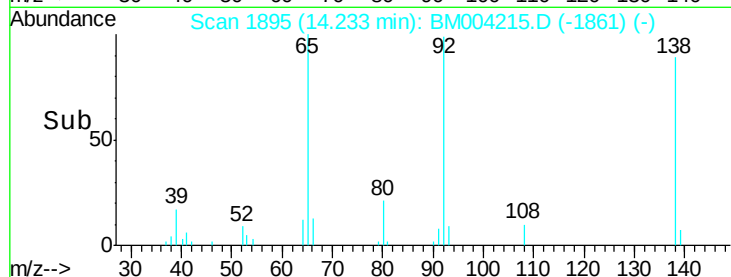
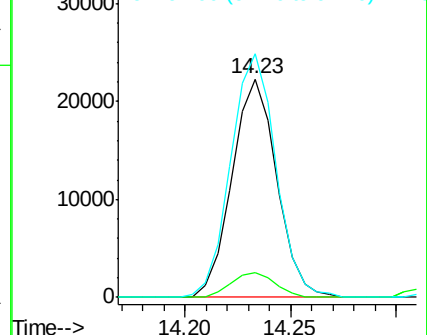
92 111.4 88.2 132.4



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



#50

Acenaphthene

Concen: 19.95 ng/ul

RT: 14.38 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

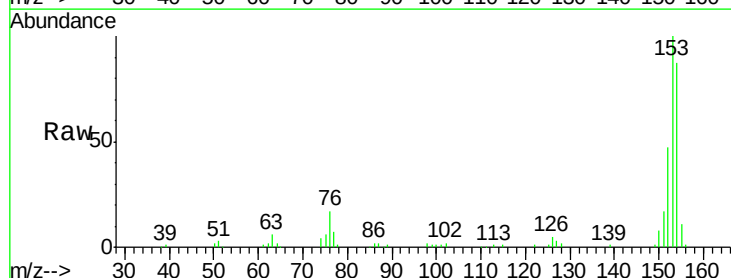
Tgt Ion:153 Resp: 125823

Ion Ratio Lower Upper

153 100

152 47.0 38.3 57.5

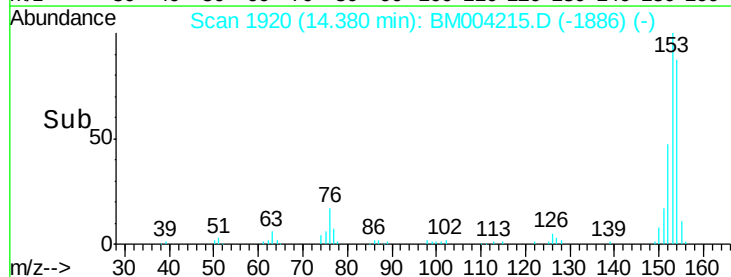
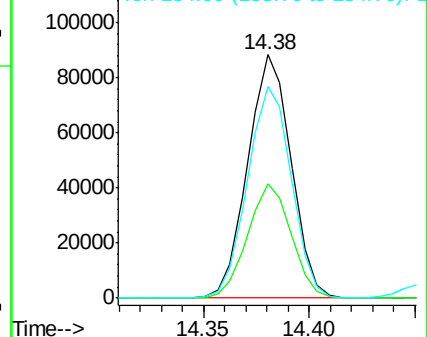
154 87.0 71.8 107.8

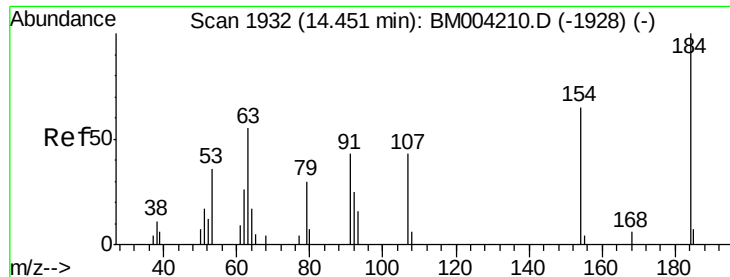


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

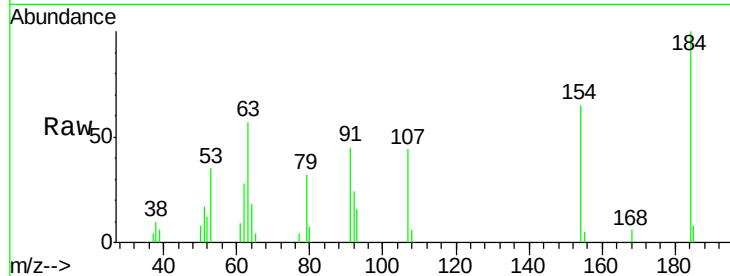




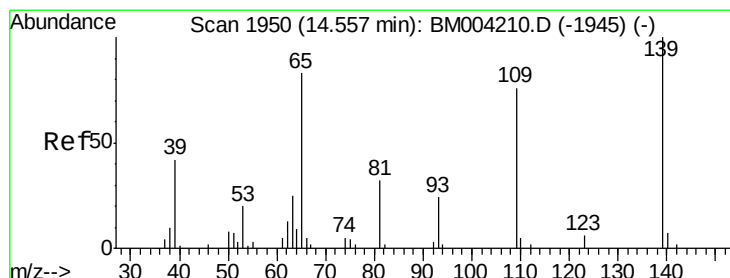
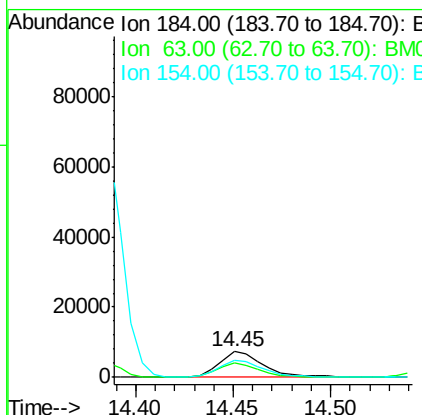
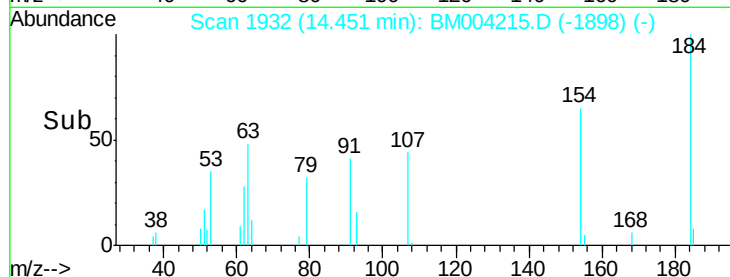
#51
 2,4-Dinitrophenol
 Concen: 13.65 ng/ul
 RT: 14.45 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

Instrument :
 BNA_M
 ClientSampleId :
 SST02054

Tgt Ion:184 Resp: 11273
 Ion Ratio Lower Upper
 184 100
 63 56.6 46.5 69.7
 154 64.5 54.6 82.0

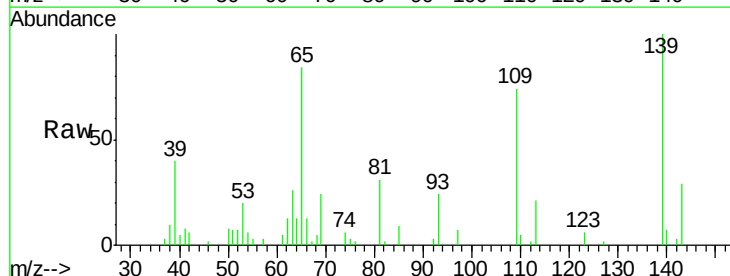


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 154.00 (153.70 to 154.70): E

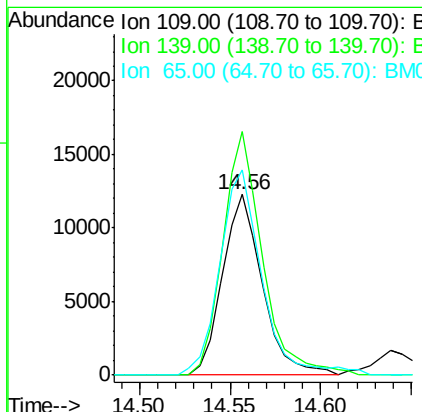
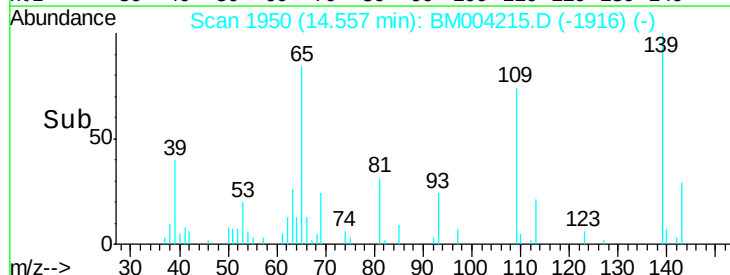


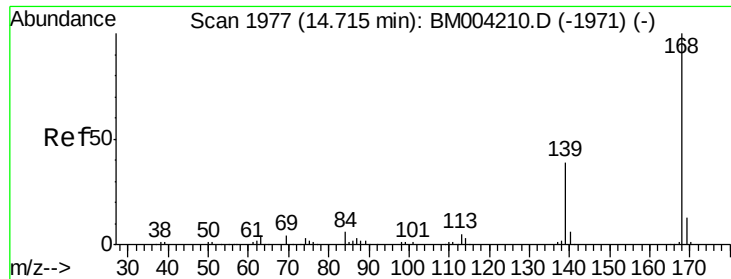
#53
 4-Nitrophenol
 Concen: 16.07 ng/ul
 RT: 14.56 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

Tgt Ion:109 Resp: 18768
 Ion Ratio Lower Upper
 109 100
 139 134.6 103.7 155.5
 65 113.7 89.4 134.2



Abundance Ion 109.00 (108.70 to 109.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BM





#54

Dibenzenofuran

Concen: 20.01 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

Instrument :

BNA_M

ClientSampleId :

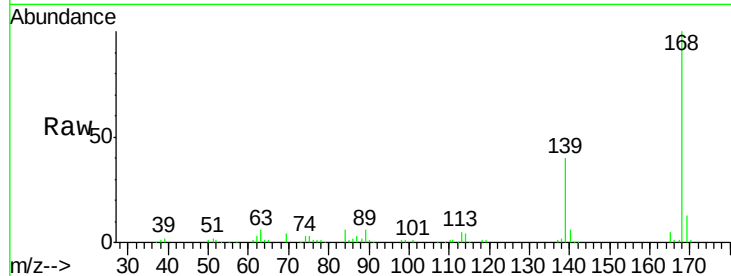
SSTD02054

Tgt Ion:168 Resp: 179311

Ion Ratio Lower Upper

168 100

139 40.5 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

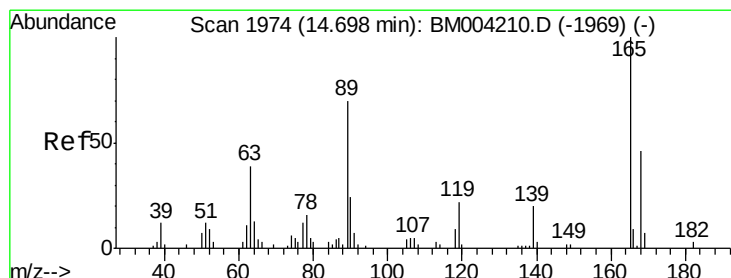
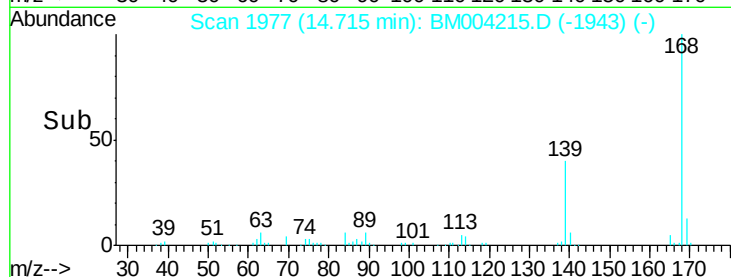
14.72

100000

50000

0

Time--> 14.65 14.70 14.75



#55

2,4-Dinitrotoluene

Concen: 20.31 ng/ul

RT: 14.70 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

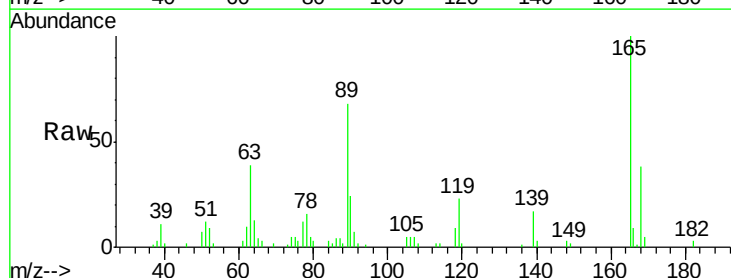
Tgt Ion:165 Resp: 47147

Ion Ratio Lower Upper

165 100

63 38.6 29.8 44.6

182 2.9 2.2 3.4



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

14.70

40000

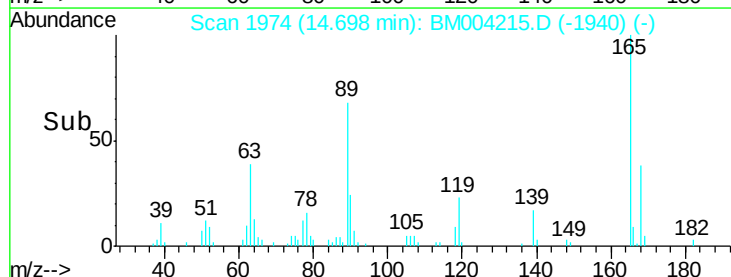
30000

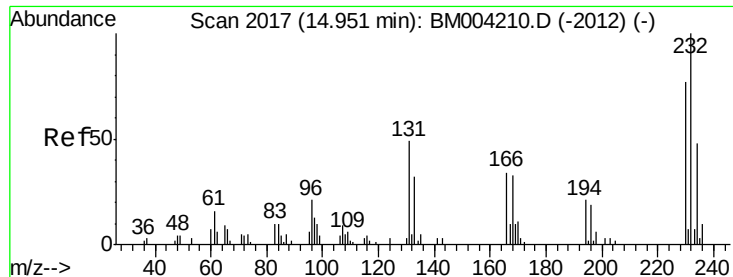
20000

10000

0

Time--> 14.65 14.70 14.75

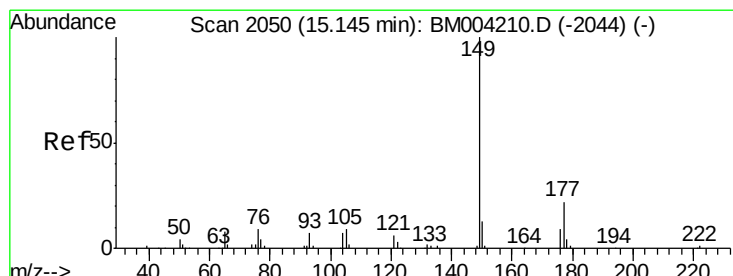
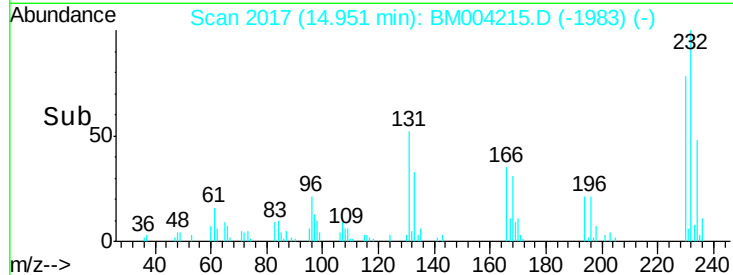
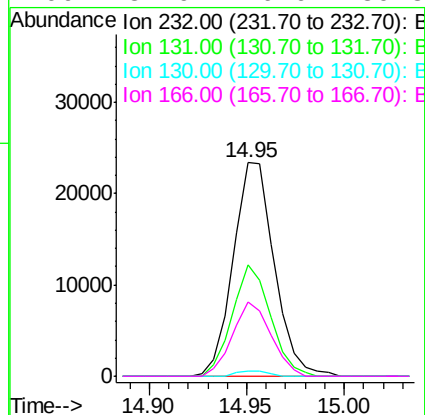
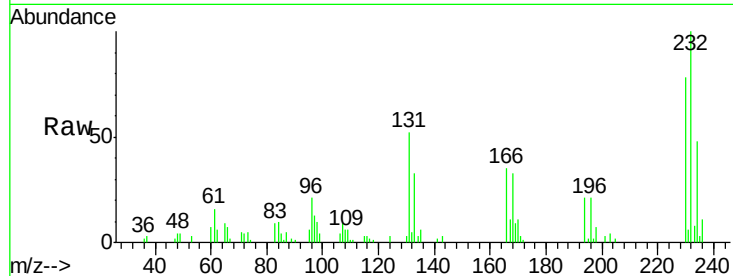




#56
 2,3,4,6-Tetrachlorophenol
 Concen: 20.05 ng/ul
 RT: 14.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

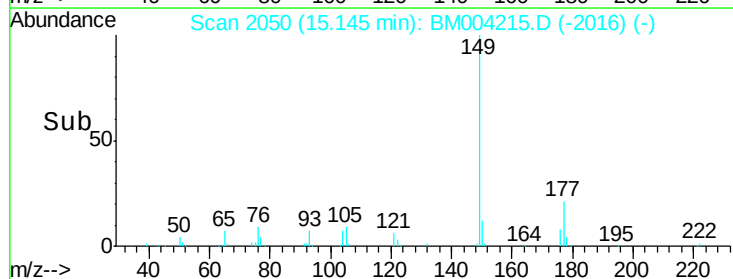
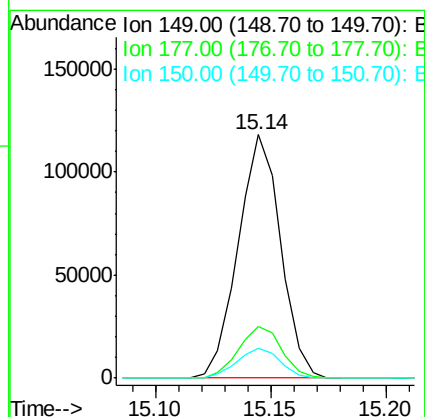
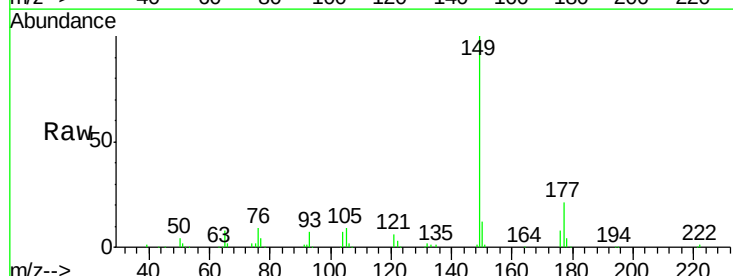
Instrument :
 BNA_M
 ClientSampleId :
 SST02054

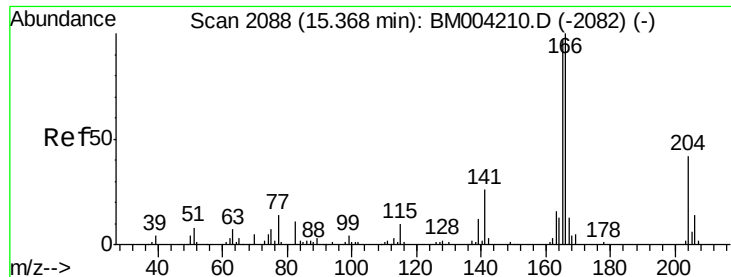
Tgt Ion: 232 Resp: 34206
 Ion Ratio Lower Upper
 232 100
 131 52.3 39.4 59.2
 130 2.5 2.2 3.2
 166 34.9 26.6 39.8



#57
 Diethylphthalate
 Concen: 19.14 ng/ul
 RT: 15.14 min Scan# 2050
 Delta R.T. 0.00 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

Tgt Ion: 149 Resp: 151848
 Ion Ratio Lower Upper
 149 100
 177 21.3 17.4 26.2
 150 12.4 10.0 15.0





#59

Fluorene

Concen: 19.82 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

Instrument :

BNA_M

ClientSampleId :

SSTD02054

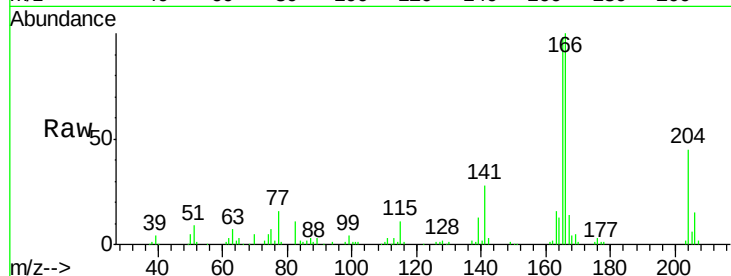
Tgt Ion:166 Resp: 147761

Ion Ratio Lower Upper

166 100

165 98.0 78.5 117.7

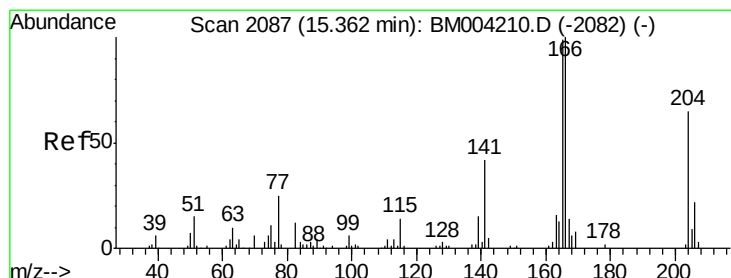
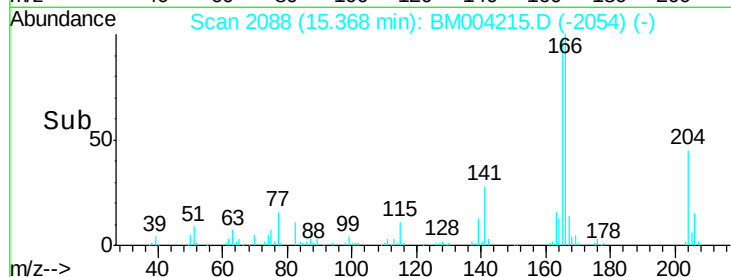
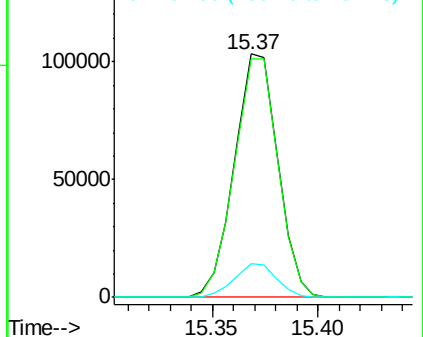
167 13.6 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 19.84 ng/ul

RT: 15.36 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

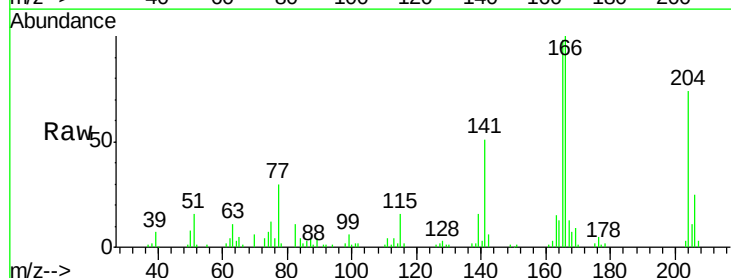
Tgt Ion:204 Resp: 69766

Ion Ratio Lower Upper

204 100

206 33.5 26.2 39.4

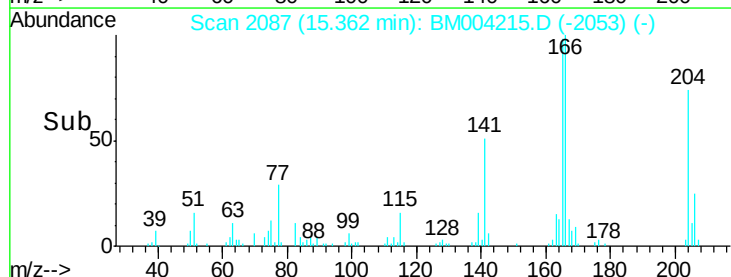
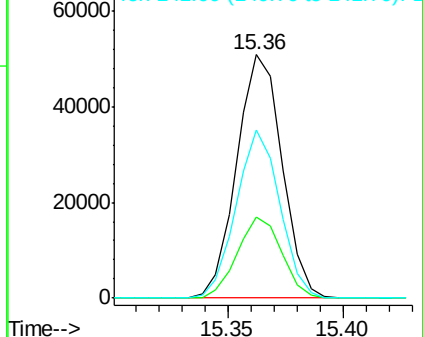
141 69.2 54.6 81.8

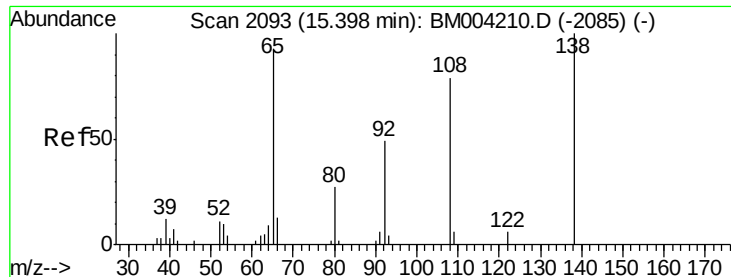


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

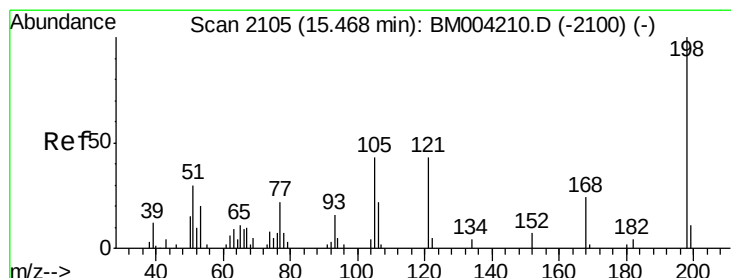
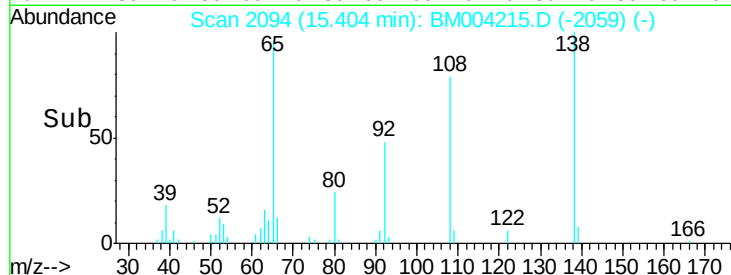
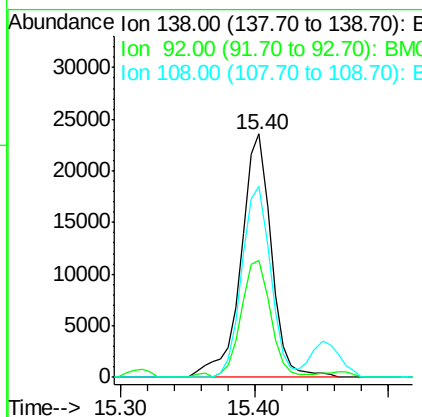
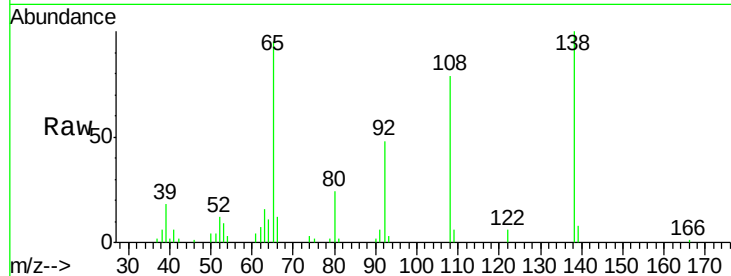




#61
4-Nitroaniline
Concen: 18.98 ng/ul
RT: 15.40 min Scan# 2094
Delta R.T. 0.01 min
Lab File: BM004215.D
Acq: 09 Feb 2016 09:47

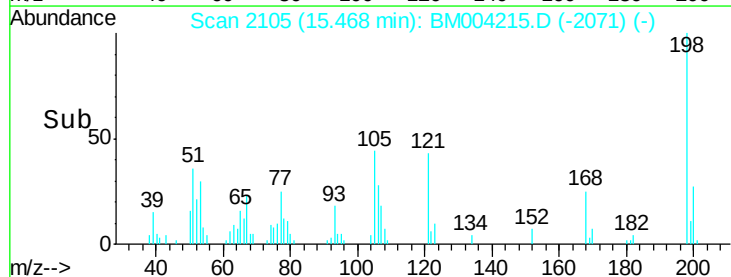
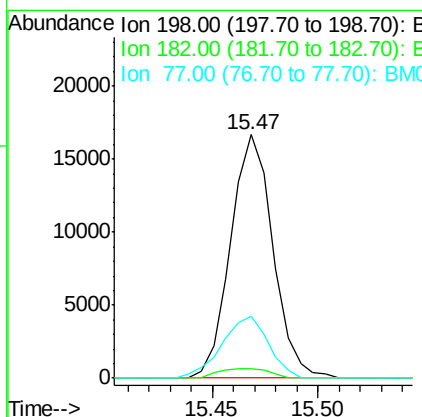
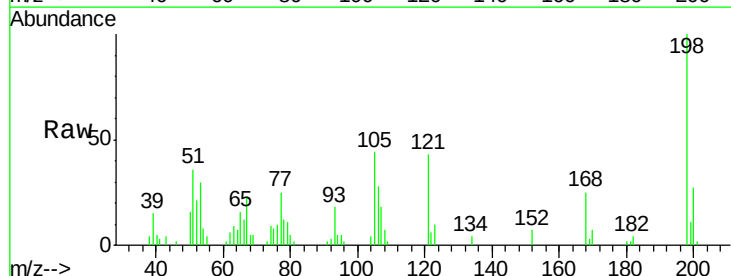
Instrument :
BNA_M
ClientSampleId :
SSTD02054

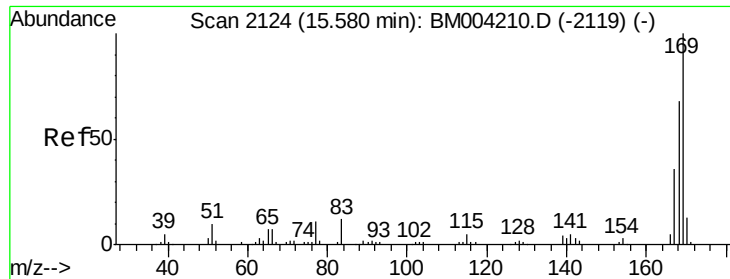
Tgt Ion:138 Resp: 37009
Ion Ratio Lower Upper
138 100
92 48.1 40.6 60.8
108 78.8 67.0 100.6



#64
4,6-Dinitro-2-methylphenol
Concen: 16.98 ng/ul
RT: 15.47 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM004215.D
Acq: 09 Feb 2016 09:47

Tgt Ion:198 Resp: 23137
Ion Ratio Lower Upper
198 100
182 3.7 3.1 4.7
77 25.2 20.1 30.1

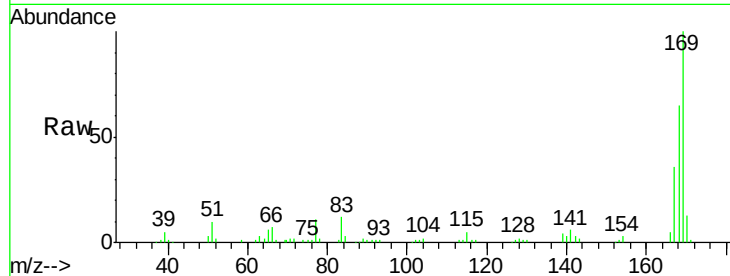




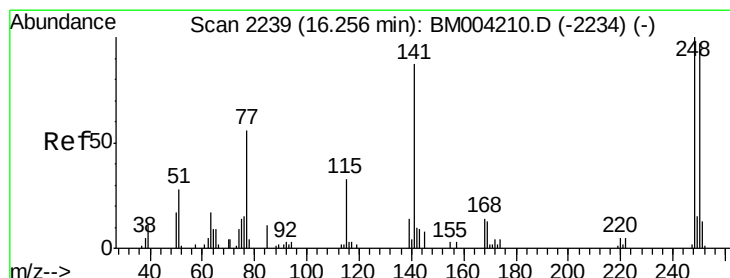
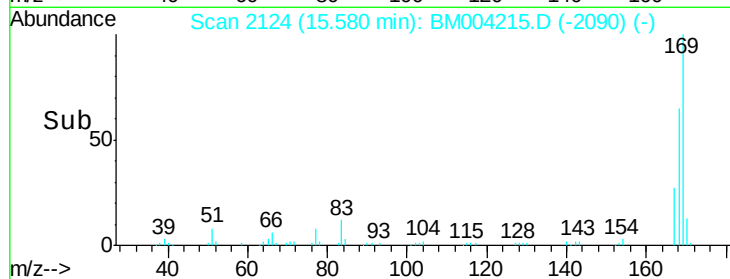
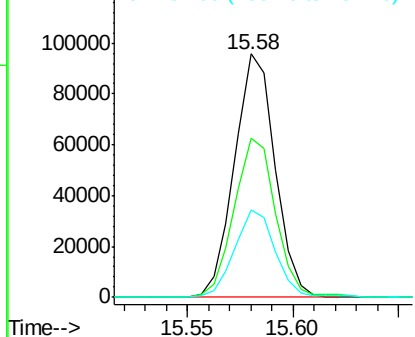
#65
N-Nitrosodiphenylamine
Concen: 20.28 ng/ul
RT: 15.58 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BM004215.D
Acq: 09 Feb 2016 09:47

Instrument :
BNA_M
ClientSampleId :
SSTD02054

Tgt Ion:169 Resp: 127360
Ion Ratio Lower Upper
169 100
168 65.4 53.8 80.8
167 35.9 29.3 43.9

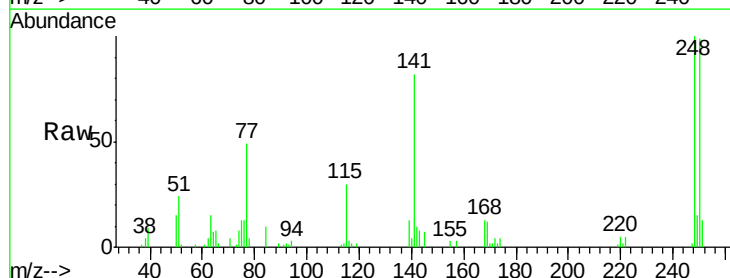


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

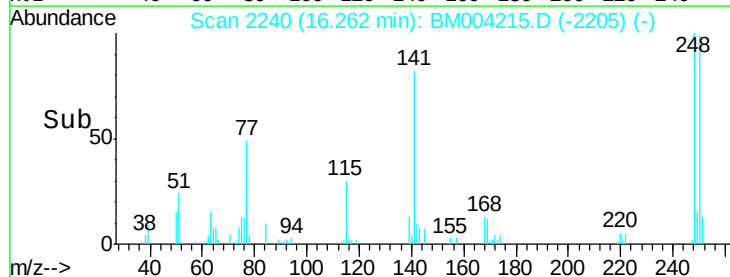
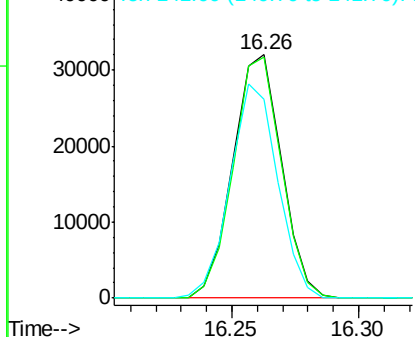


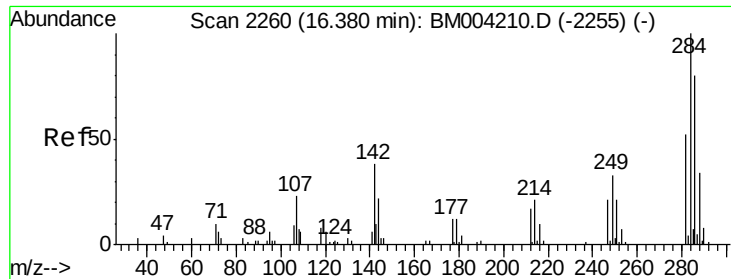
#66
4-Bromophenyl-phenylether
Concen: 20.95 ng/ul
RT: 16.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BM004215.D
Acq: 09 Feb 2016 09:47

Tgt Ion:248 Resp: 42905
Ion Ratio Lower Upper
248 100
250 99.0 78.7 118.1
141 81.7 72.2 108.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 20.95 ng/ul

RT: 16.38 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

Instrument :

BNA_M

ClientSampleId :

SSTD02054

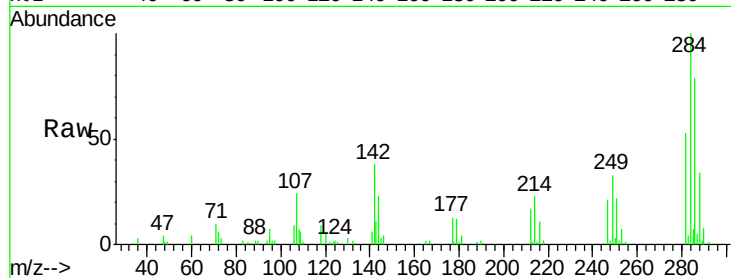
Tgt Ion:284 Resp: 49931

Ion Ratio Lower Upper

284 100

142 38.5 33.1 49.7

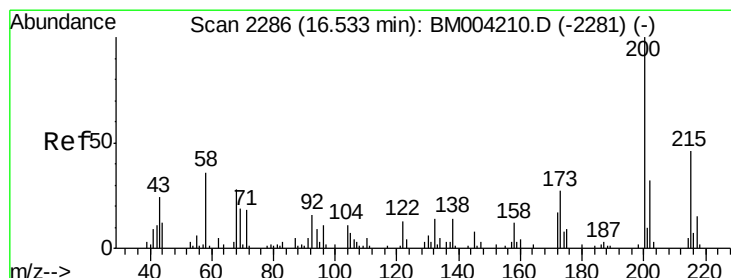
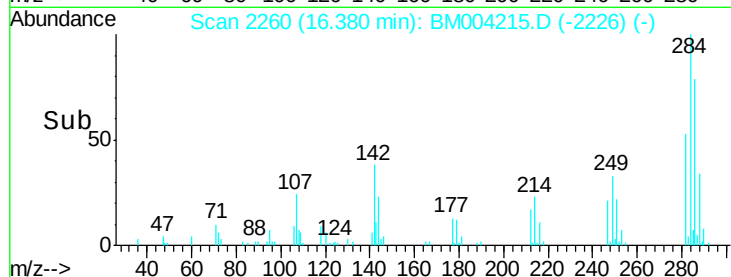
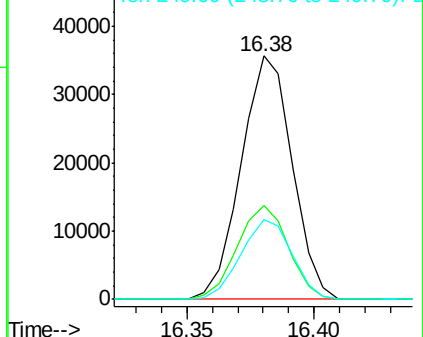
249 32.9 27.1 40.7



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 19.89 ng/ul

RT: 16.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

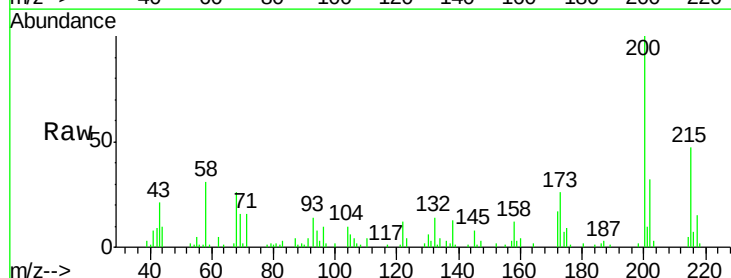
Tgt Ion:200 Resp: 46472

Ion Ratio Lower Upper

200 100

173 26.4 21.6 32.4

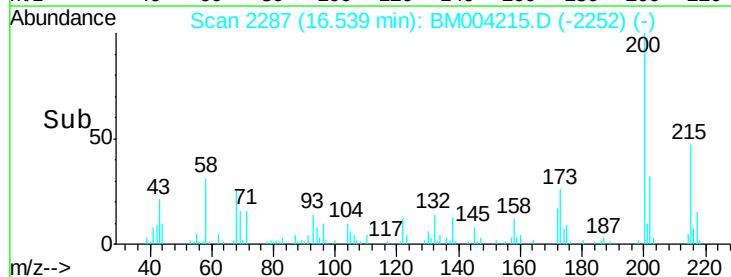
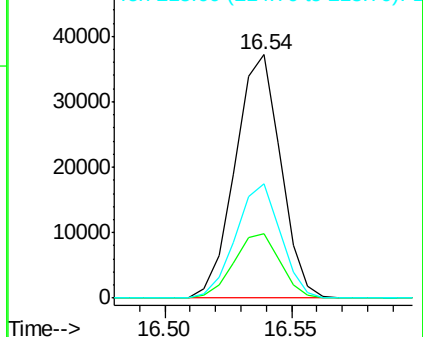
215 46.8 37.0 55.4

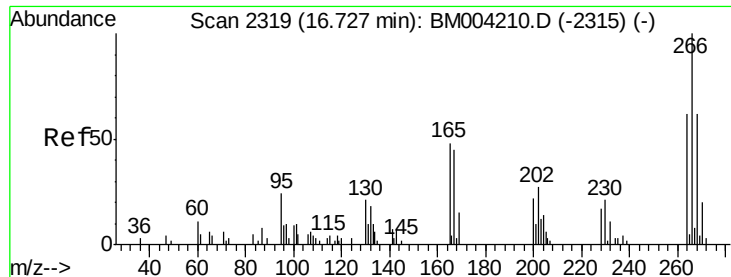


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

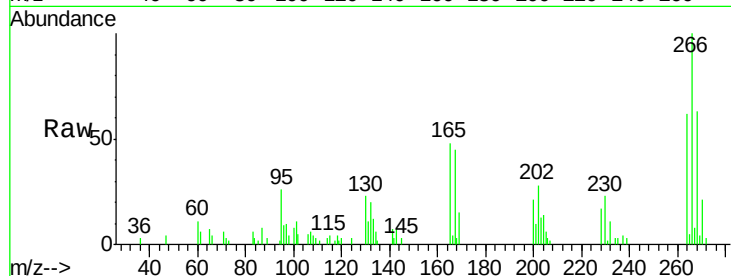




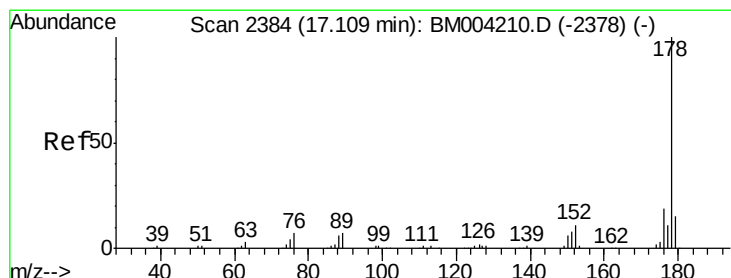
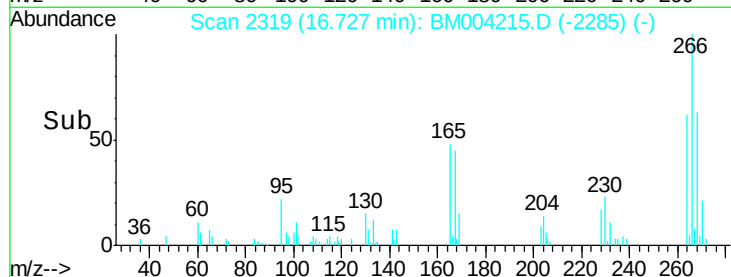
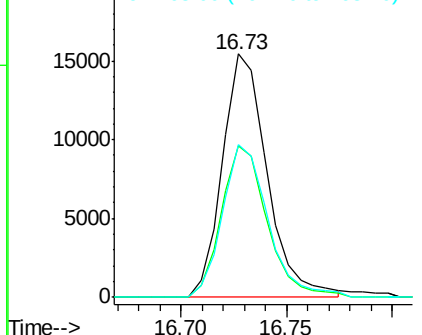
#69
 Pentachlorophenol
 Concen: 18.31 ng/ul
 RT: 16.73 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02054

Tgt Ion:266 Resp: 22715
 Ion Ratio Lower Upper
 266 100
 264 62.0 50.5 75.7
 268 62.5 50.9 76.3

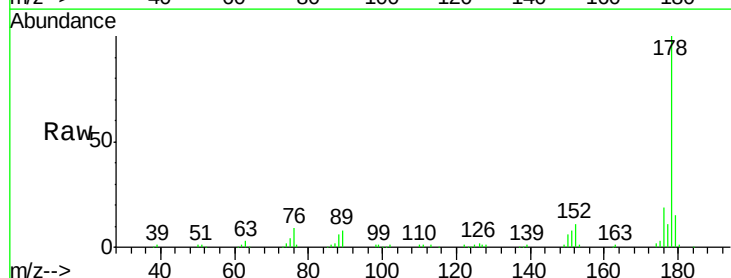


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

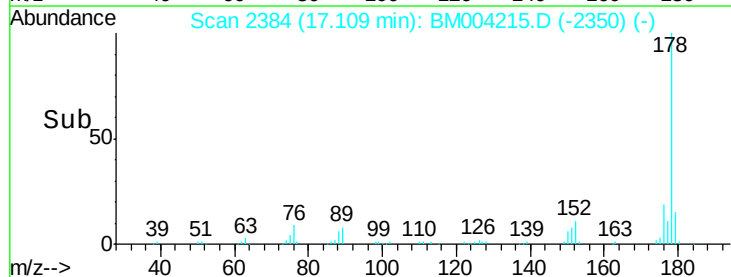
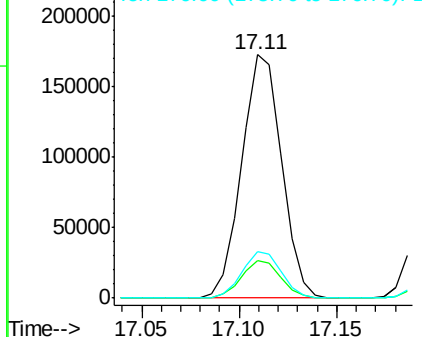


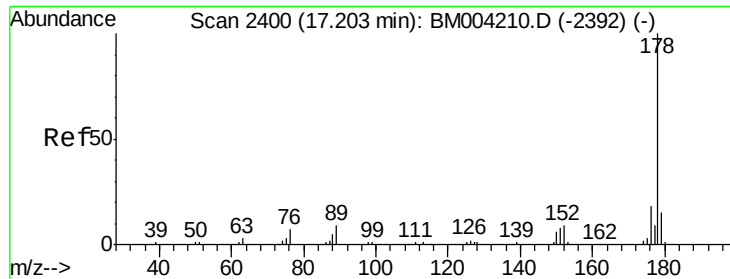
#70
 Phenanthrene
 Concen: 19.93 ng/ul
 RT: 17.11 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BM004215.D
 Acq: 09 Feb 2016 09:47

Tgt Ion:178 Resp: 245235
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.2 18.4
 176 19.0 15.6 23.4



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

Anthracene

Concen: 19.97 ng/uL

RT: 17.20 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

Instrument :

BNA_M

ClientSampleId :

SSTD02054

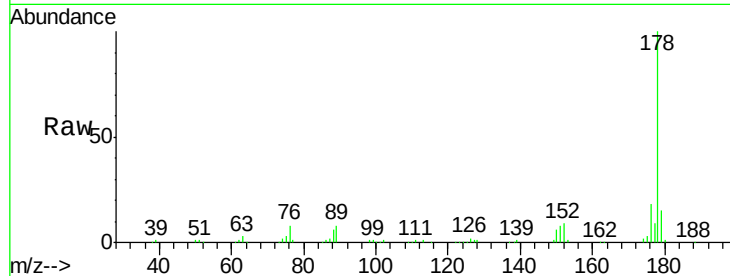
Tgt Ion:178 Resp: 249247

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

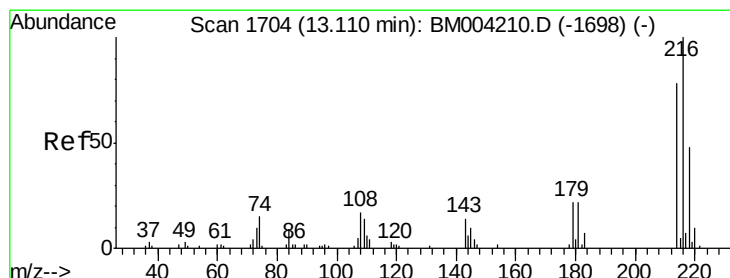
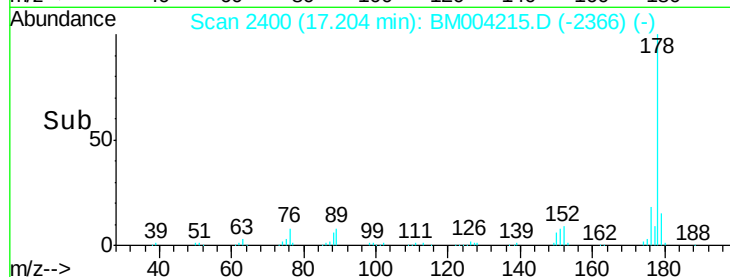
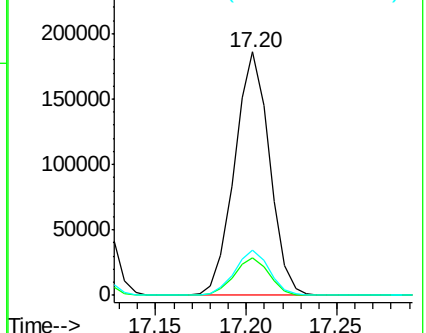
176 18.3 14.8 22.2



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 22.04 ng/uL

RT: 13.11 min Scan# 1704

Delta R.T. 0.00 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

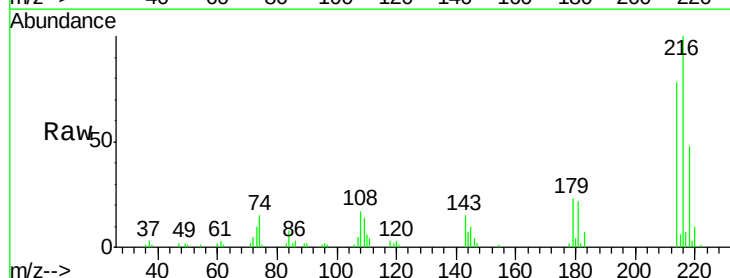
Tgt Ion:216 Resp: 53319

Ion Ratio Lower Upper

216 100

214 77.6 62.5 93.7

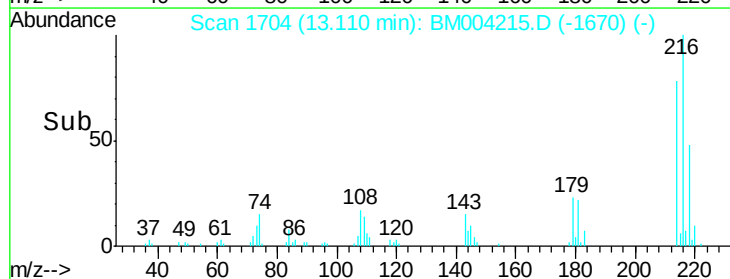
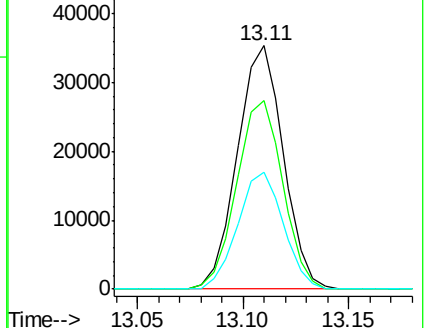
218 48.1 38.4 57.6

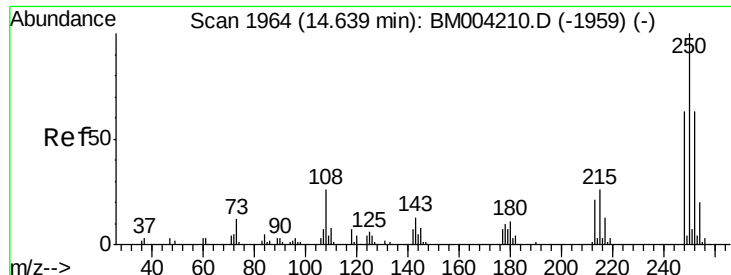


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 21.60 ng/uL

RT: 14.64 min Scan# 1965

Delta R.T. 0.01 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

Instrument :

BNA_M

ClientSampleId :

SSTD02054

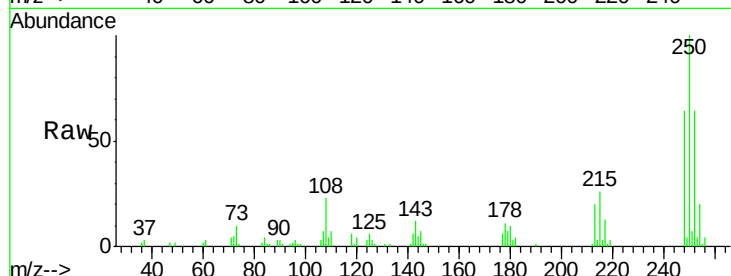
Tgt Ion:250 Resp: 55090

Ion Ratio Lower Upper

250 100

248 64.4 50.6 75.8

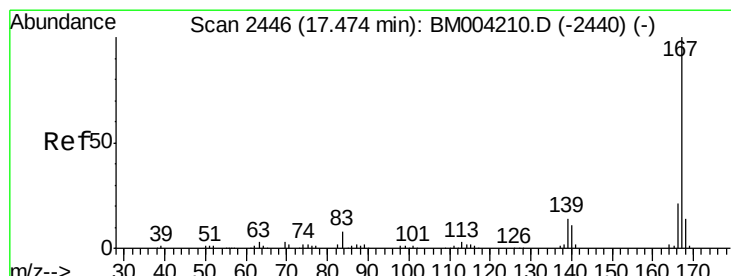
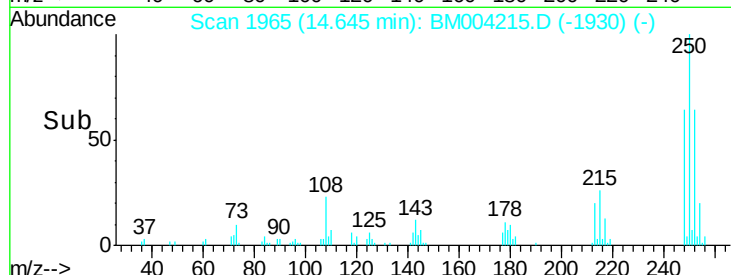
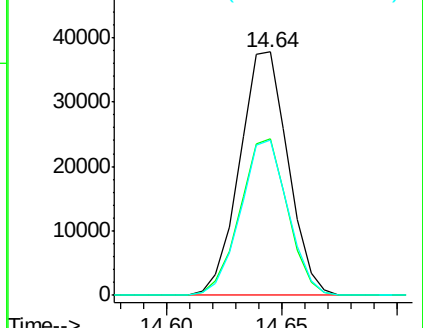
252 63.7 51.4 77.0



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 19.93 ng/uL

RT: 17.48 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BM004215.D

Acq: 09 Feb 2016 09:47

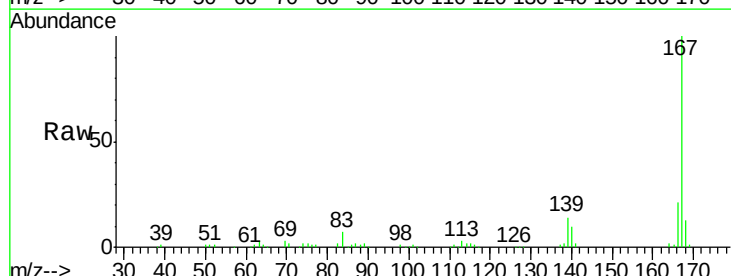
Tgt Ion:167 Resp: 226297

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

139 13.6 11.0 16.4



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

