

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031616\
 Data File : BM004655.D
 Acq On : 17 Mar 2016 03:10
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 17 03:47:32 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 17 01:59:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	62391	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	273195	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	157486	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	353383	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	402958	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	392728	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	14210	7.86	ng/uL	0.00
5) Phenol-d5	7.00	99	104615	20.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	60617	20.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	82841	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	83061	20.10	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	36266	19.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	38043	18.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	80158	19.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	111113	23.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	243933	19.81	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	306645	20.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	43706	18.37	ng/ul	0.00
58) Fluorene-d10	15.47	176	217205	20.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	32650	17.58	ng/ul	0.00
71) Anthracene-d10	17.32	188	335640	20.63	ng/ul	0.00
79) Pyrene-d10	19.61	212	373436	20.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	352445	20.09	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.37	88	16944	8.03	ng/ul	93
4) Benzaldehyde	6.99	77	59158	20.81	ng/ul	99
6) Phenol	7.03	94	112837	20.92	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	87034	20.73	ng/ul	95
10) 2-Chlorophenol	7.40	128	88967	20.42	ng/ul	95
11) 2-Methylphenol	8.27	108	83569	20.16	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.37	45	105200	20.94	ng/ul	92
14) Acetophenone	8.66	105	134995	20.94	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.65	70	63574	19.40	ng/ul	93
16) 4-Methylphenol	8.60	108	93360	20.45	ng/ul	97
17) Hexachloroethane	8.92	117	33607	19.42	ng/ul	93
20) Nitrobenzene	9.04	77	95674	20.41	ng/ul	97
21) Isophorone	9.56	82	174266	19.41	ng/ul	96
23) 2-Nitrophenol	9.75	139	44911	19.75	ng/ul	93
24) 2,4-Dimethylphenol	9.80	107	101330	20.35	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	116583	20.12	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	84393	20.35	ng/ul	98
28) Naphthalene	10.68	128	289280	20.31	ng/ul	100
30) 4-Chloroaniline	10.79	127	117237	23.16	ng/ul	99
31) Hexachlorobutadiene	10.97	225	50692	20.48	ng/ul	98
32) Caprolactam	11.55	113	24133	17.37	ng/ul	85
33) 4-Chloro-3-methylphenol	11.91	107	92406	19.69	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	207795	20.49	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	12.52	142	200618	20.58	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	103186	20.51	ng/ul	97
38) Hexachlorocyclopentadiene	12.64	237	49254	18.07	ng/ul	99
39) 2,4,6-Trichlorophenol	12.90	196	63823	19.21	ng/ul	99
40) 2,4,5-Trichlorophenol	12.97	196	70260	19.60	ng/ul	99
41) 1,1'-Biphenyl	13.31	154	268535	20.42	ng/ul	99
42) 2-Chloronaphthalene	13.35	162	200659	20.29	ng/ul	98
43) 2-Nitroaniline	13.55	65	50218	18.86	ng/ul	89
45) Dimethylphthalate	13.93	163	251974	20.16	ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	44110	19.83	ng/ul	91
48) Acenaphthylene	14.20	152	332970	20.53	ng/ul	100
49) 3-Nitroaniline	14.38	138	50160	20.87	ng/ul	96
50) Acenaphthene	14.54	153	222976	20.42	ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	18445	14.57	ng/ul	92
53) 4-Nitrophenol	14.67	109	36858	19.10	ng/ul	91
54) Dibenzofuran	14.87	168	317839	20.45	ng/ul	96
55) 2,4-Dinitrotoluene	14.83	165	67875	20.23	ng/ul#	88
56) 2,3,4,6-Tetrachlorophenol	15.10	232	60371	19.12	ng/ul	98
57) Diethylphthalate	15.30	149	250023	19.64	ng/ul	100
59) Fluorene	15.52	166	256390	20.66	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.52	204	122612	20.71	ng/ul	92
61) 4-Nitroaniline	15.54	138	53560	20.71	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.60	198	36122	17.90	ng/ul	99
65) N-Nitrosodiphenylamine	15.73	169	219391	20.50	ng/ul	99
66) 4-Bromophenyl-phenylether	16.42	248	72974	20.50	ng/ul	92
67) Hexachlorobenzene	16.53	284	82747	20.71	ng/ul	93
68) Atrazine	16.68	200	74750	19.76	ng/ul	98
69) Pentachlorophenol	16.87	266	46636	18.00	ng/ul	98
70) Phenanthrene	17.26	178	414384	20.52	ng/ul	99
72) Anthracene	17.35	178	419622	20.64	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	100576	20.69	ng/uL	99
74) Pentachlorobenzene	14.79	250	97852	20.85	ng/uL	100
75) Carbazole	17.62	167	380412	20.93	ng/ul	99
76) Di-n-butylphthalate	18.19	149	404186	15.68	ng/ul	99
77) Fluoranthene	19.27	202	465715	20.89	ng/ul	98
80) Pvrene	19.64	202	502950	20.59	ng/ul	99
81) Butylbenzylphthalate	20.54	149	171953	17.61	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.32	252	136037	21.86	ng/ul	100
83) Benzo(a)anthracene	21.39	228	472482	20.09	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	258879	18.64	ng/ul	99
85) Chrysene	21.44	228	457624	20.37	ng/ul	100
87) Di-n-octyl phthalate	22.21	149	447097	19.05	ng/ul#	96
88) Benzo(b)fluoranthene	23.00	252	473082	20.20	ng/ul	100
89) Benzo(k)fluoranthene	23.05	252	456571	20.50	ng/ul	100
91) Benzo(a)pyrene	23.60	252	455741	20.31	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.03	276	500979	19.86	ng/ul	97
93) Dibenzo(a,h)anthracene	26.04	278	420233	20.12	ng/ul	100
94) Benzo(a,h,i)perylene	26.74	276	422566	19.77	ng/ul	99

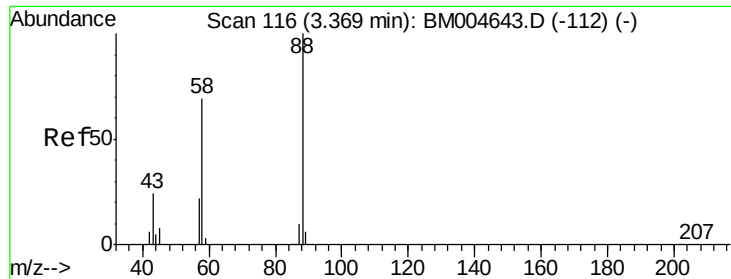
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 8.03 ng/uL

RT: 3.37 min Scan# 116

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampleId :

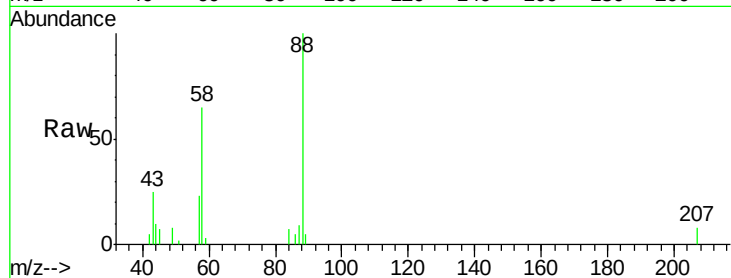
Tot Ion: 88 Resp: 16944

Ion Ratio Lower Upper

88 100

43 27.4 21.0 31.6

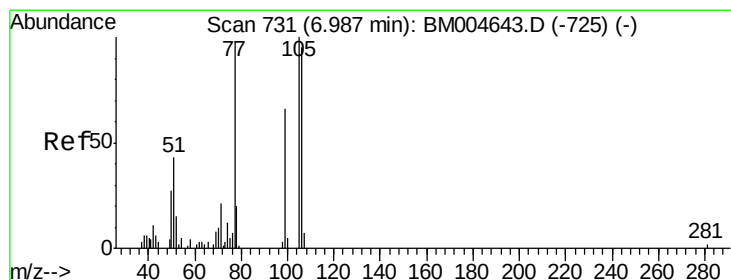
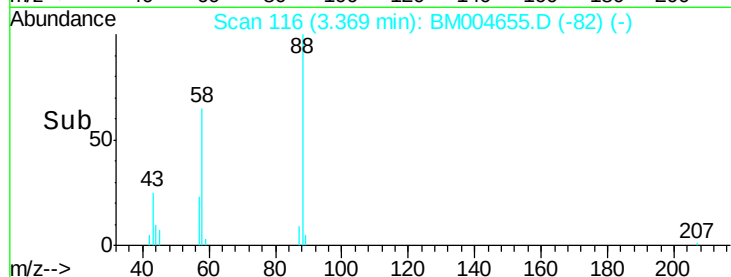
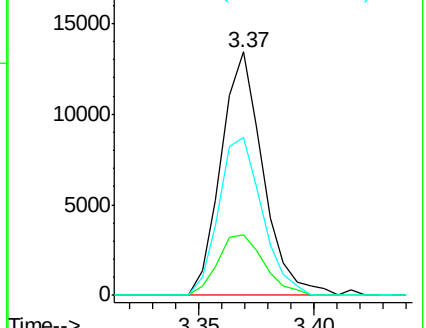
58 67.0 47.8 71.8



Abundance Ion 88.00 (87.70 to 88.70): BM004643.D (-112) (-)

Ion 43.00 (42.70 to 43.70): BM004643.D (-112) (-)

Ion 58.00 (57.70 to 58.70): BM004643.D (-112) (-)



#4

Benzaldehyde

Concen: 20.81 ng/uL

RT: 6.99 min Scan# 731

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

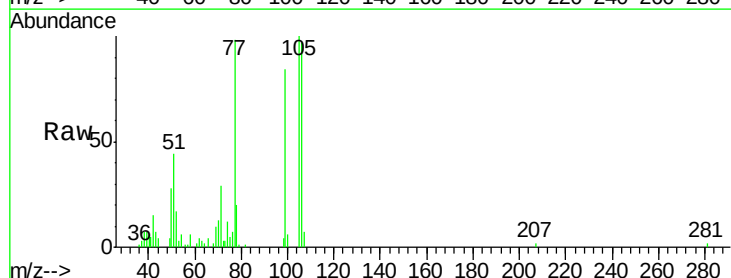
Tgt Ion: 77 Resp: 59158

Ion Ratio Lower Upper

77 100

105 101.6 80.6 120.8

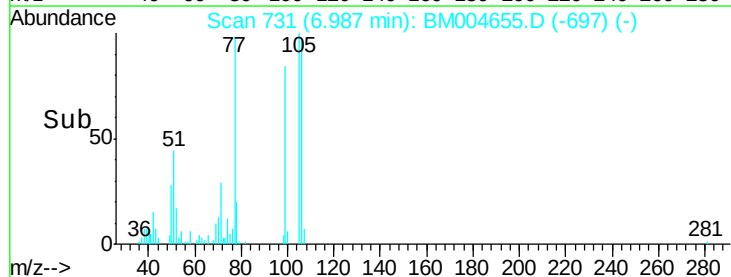
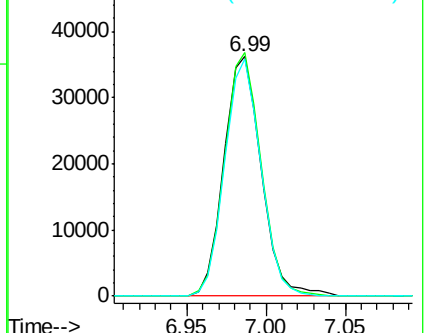
106 98.8 77.7 116.5

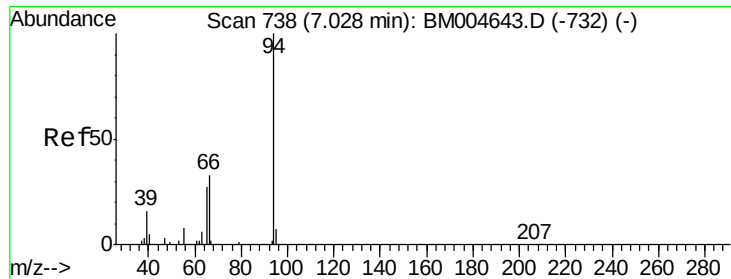


Abundance Ion 77.00 (76.70 to 77.70): BM004643.D (-725) (-)

Ion 105.00 (104.70 to 105.70): BM004643.D (-725) (-)

Ion 106.00 (105.70 to 106.70): BM004643.D (-725) (-)





#6

Phenol

Concen: 20.92 ng/ul

RT: 7.03 min Scan# 738

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

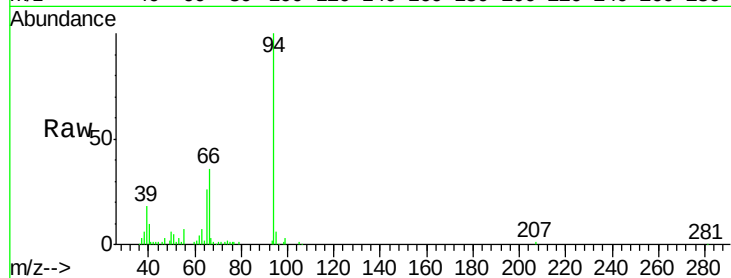
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 94 Resp: 112837

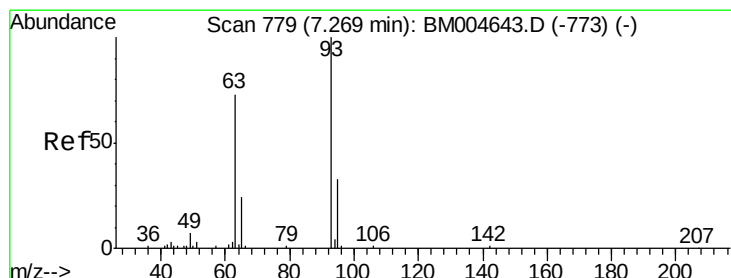
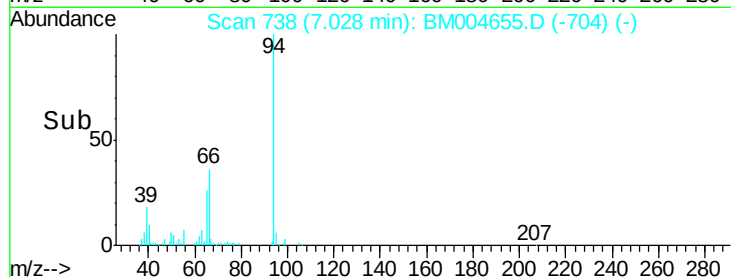
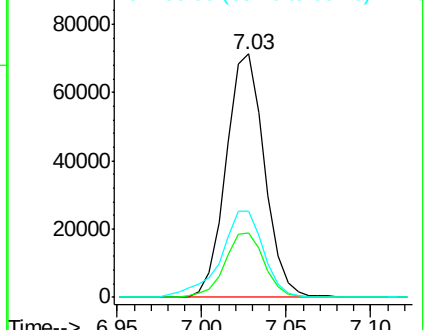
Ion	Ratio	Lower	Upper
94	100		
65	26.2	21.0	31.6
66	35.6	29.3	43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004643.D (-732) (-)

Ion 65.00 (64.70 to 65.70): BM004643.D (-732) (-)

Ion 66.00 (65.70 to 66.70): BM004643.D (-732) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 20.73 ng/ul

RT: 7.26 min Scan# 778

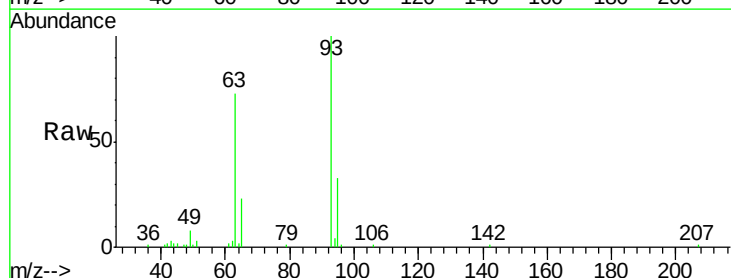
Delta R.T. -0.01 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Tgt Ion: 93 Resp: 87034

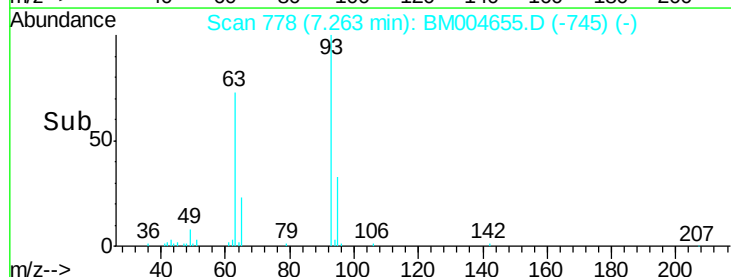
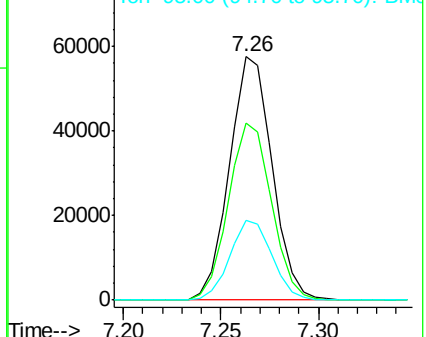
Ion	Ratio	Lower	Upper
93	100		
63	72.6	53.5	80.3
95	32.6	26.2	39.2

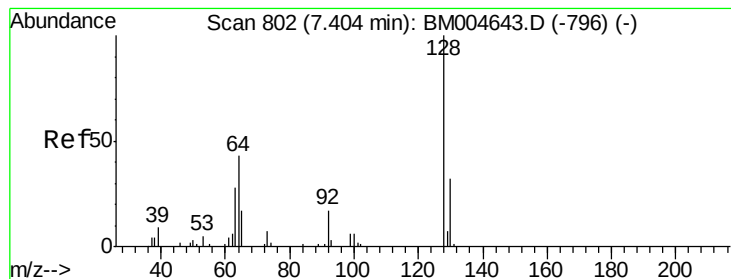


Abundance Ion 93.00 (92.70 to 93.70): BM004643.D (-773) (-)

Ion 63.00 (62.70 to 63.70): BM004643.D (-773) (-)

Ion 95.00 (94.70 to 95.70): BM004643.D (-773) (-)





#10

2-Chlorophenol

Concen: 20.42 ng/ul

RT: 7.40 min Scan# 802

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampleId :

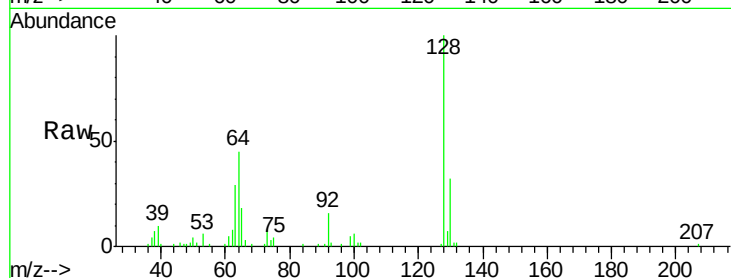
Tot Ion:128 Resp: 88967

Ion Ratio Lower Upper

128 100

64 45.1 31.9 47.9

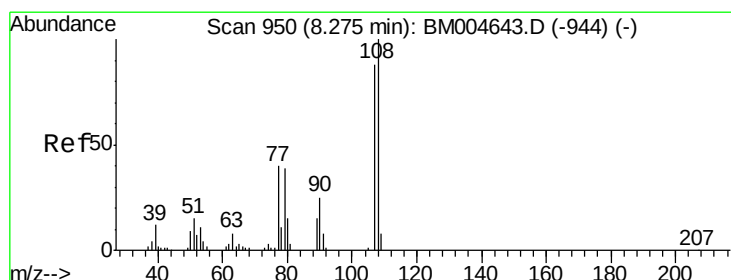
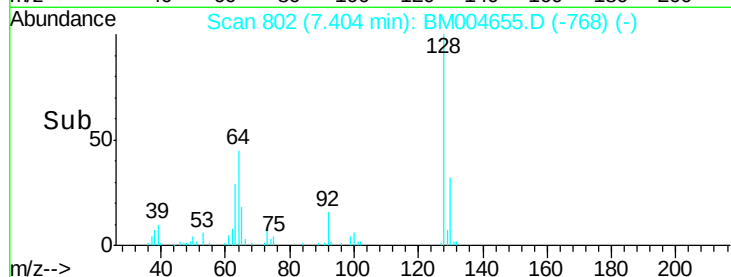
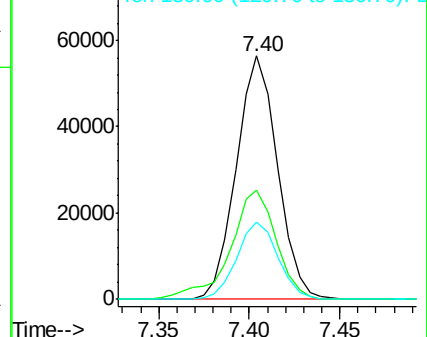
130 31.8 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM004643.D (-796) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.16 ng/ul

RT: 8.27 min Scan# 950

Delta R.T. -0.00 min

Lab File: BM004655.D

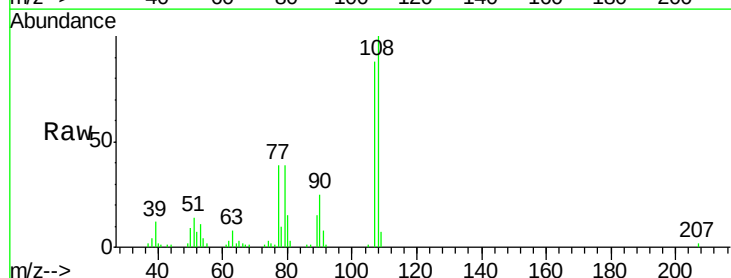
Acq: 17 Mar 2016 03:10

Tgt Ion:108 Resp: 83569

Ion Ratio Lower Upper

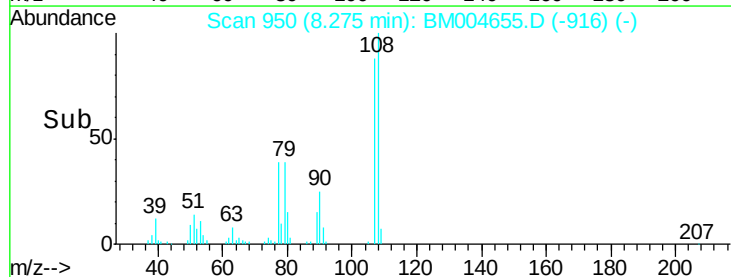
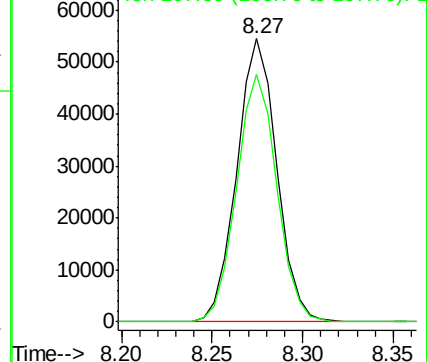
108 100

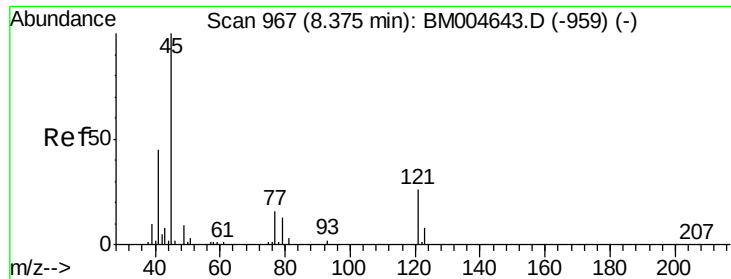
107 87.6 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

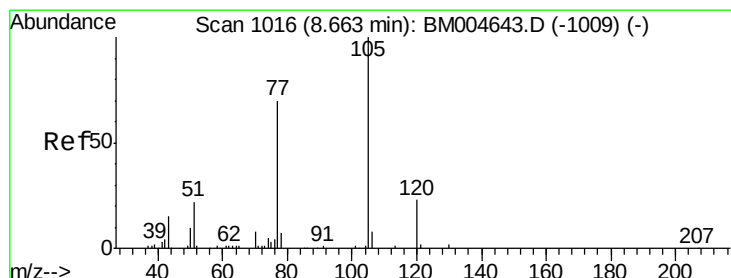
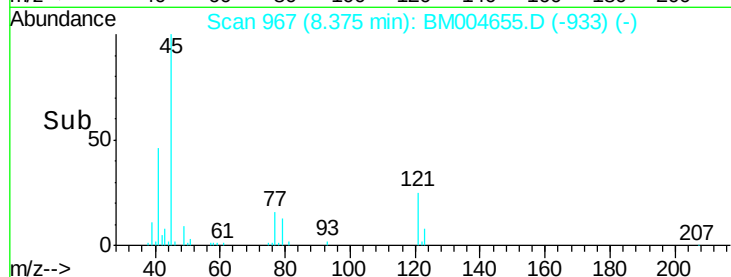
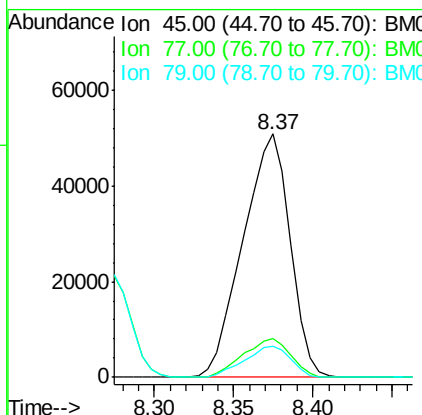
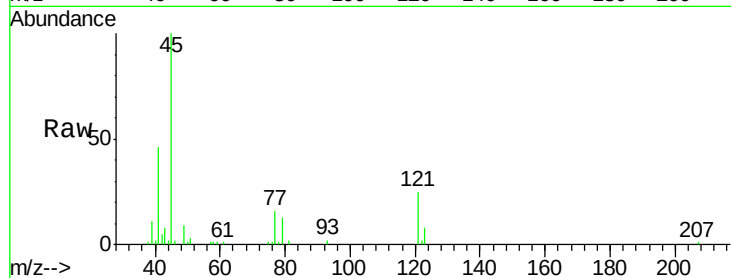




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.94 ng/ul
RT: 8.37 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM004655.D
Acq: 17 Mar 2016 03:10

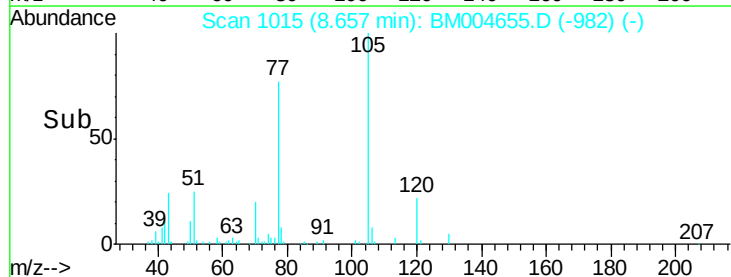
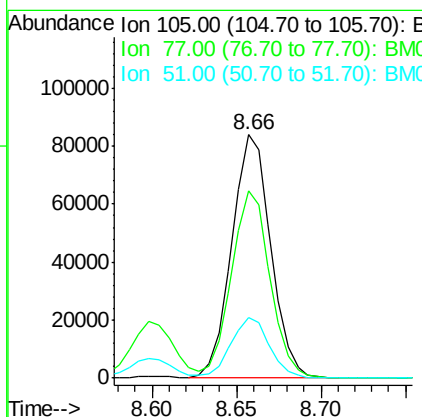
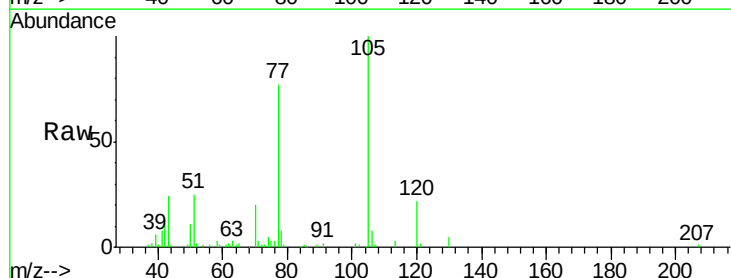
Instrument :
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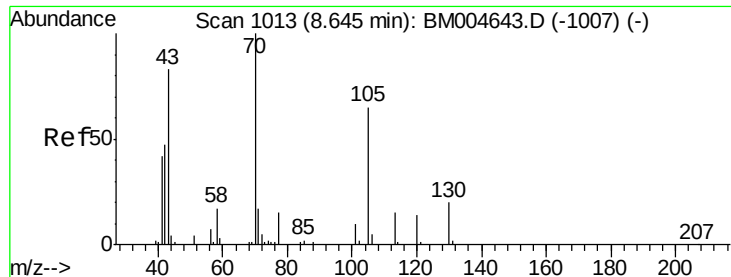
Tot Ion: 45 Resp: 105200
Ion Ratio Lower Upper
45 100
77 16.0 15.9 23.9
79 12.8 12.5 18.7



#14
Acetophenone
Concen: 20.94 ng/ul
RT: 8.66 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BM004655.D
Acq: 17 Mar 2016 03:10

Tgt Ion: 105 Resp: 134995
Ion Ratio Lower Upper
105 100
77 76.8 59.0 88.4
51 25.0 16.4 24.6#

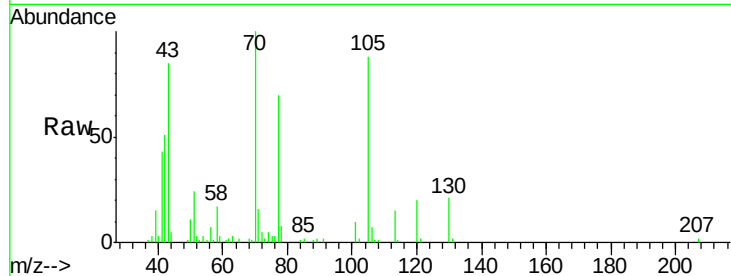




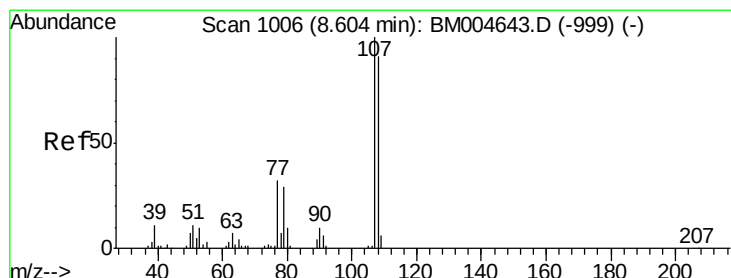
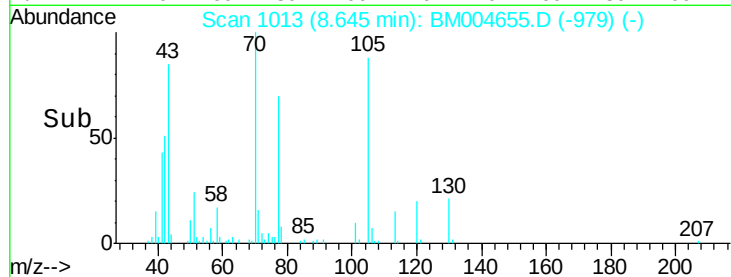
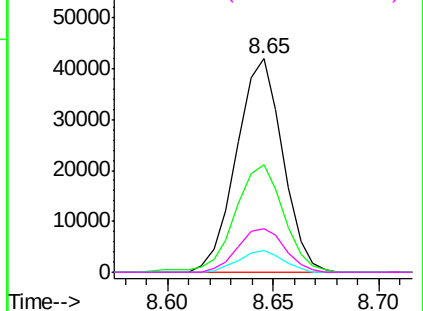
#15
N-Nitroso-di-n-propylamine
Concen: 19.40 ng/ul
RT: 8.65 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BM004655.D
Acq: 17 Mar 2016 03:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 70 Resp: 63574
Ion Ratio Lower Upper
70 100
42 50.6 35.4 53.0
101 10.1 8.4 12.6
130 20.7 18.2 27.4

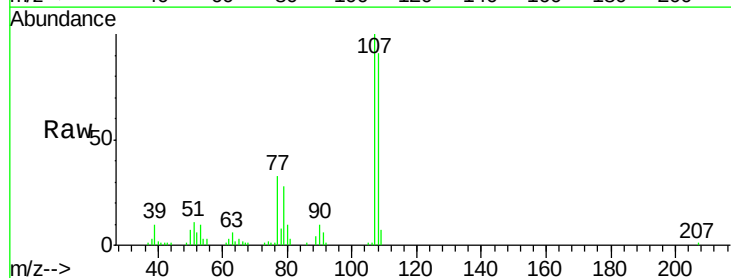


Abundance Ion 70.00 (69.70 to 70.70): BM004643.D (-1007) (-)
Ion 42.00 (41.70 to 42.70): BM004643.D (-1007) (-)
Ion 101.00 (100.70 to 101.70): BM004643.D (-1007) (-)
Ion 130.00 (129.70 to 130.70): BM004643.D (-1007) (-)

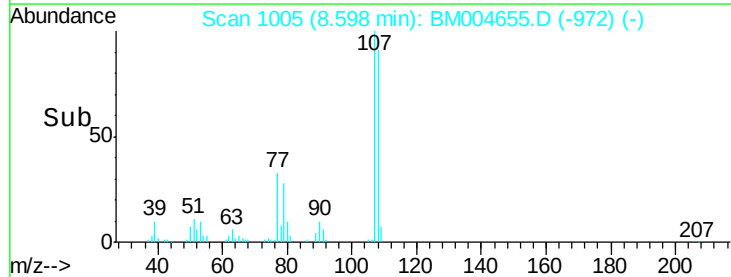
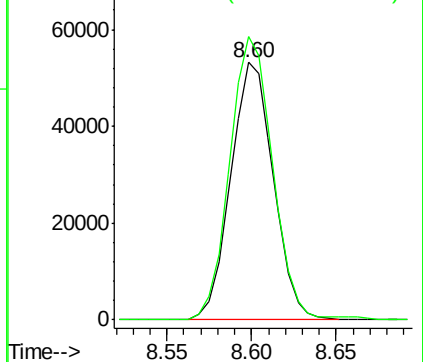


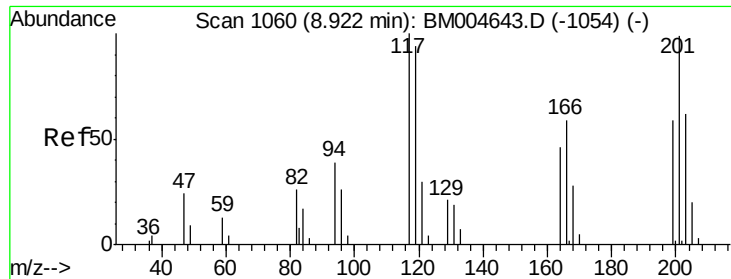
#16
4-Methylphenol
Concen: 20.45 ng/ul
RT: 8.60 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM004655.D
Acq: 17 Mar 2016 03:10

Tgt Ion: 108 Resp: 93360
Ion Ratio Lower Upper
108 100
107 109.9 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): BM004643.D (-999) (-)
Ion 107.00 (106.70 to 107.70): BM004643.D (-999) (-)





#17

Hexachloroethane

Concen: 19.42 ng/ul

RT: 8.92 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampleId :

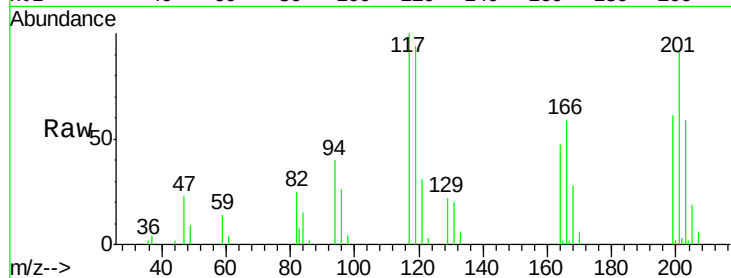
Tot Ion:117 Resp: 33607

Ion Ratio Lower Upper

117 100

201 91.8 81.5 122.3

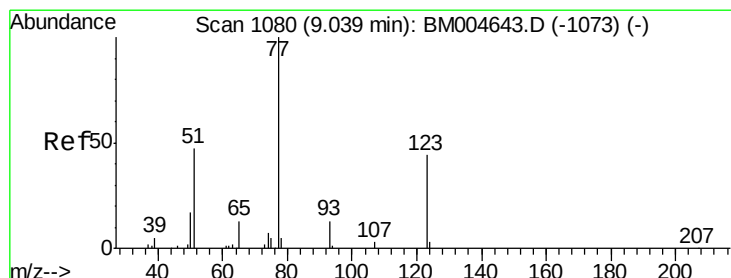
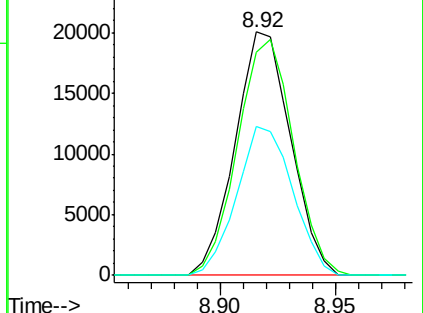
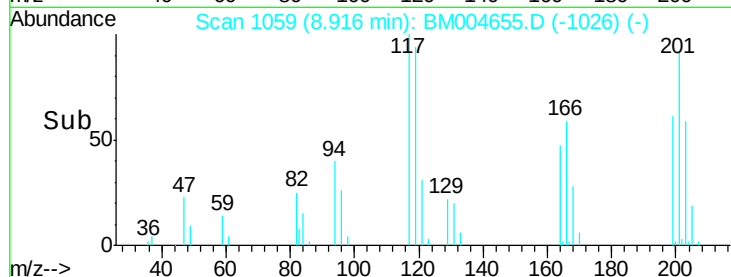
199 61.4 50.6 76.0



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: 20.41 ng/ul

RT: 9.04 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

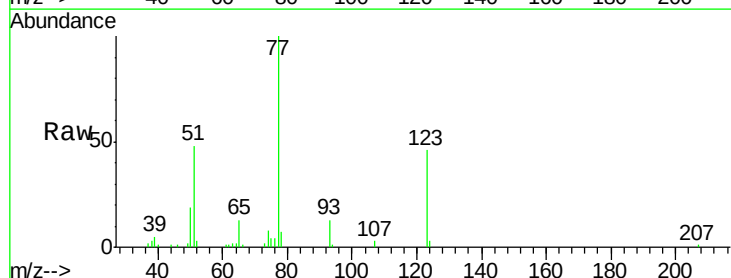
Tgt Ion: 77 Resp: 95674

Ion Ratio Lower Upper

77 100

123 46.4 39.0 58.4

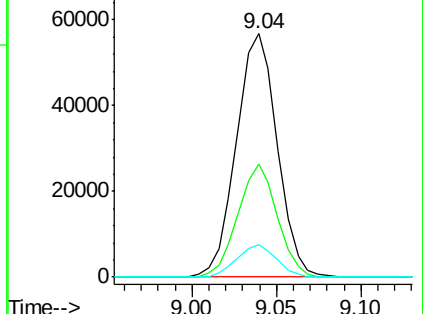
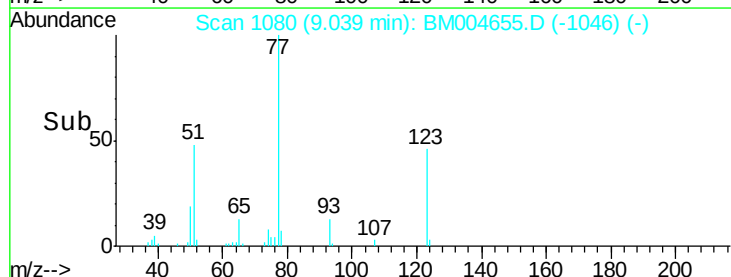
65 13.4 10.4 15.6

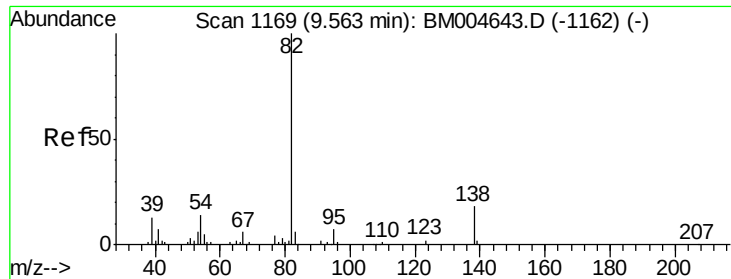


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 19.41 ng/ul

RT: 9.56 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampled :

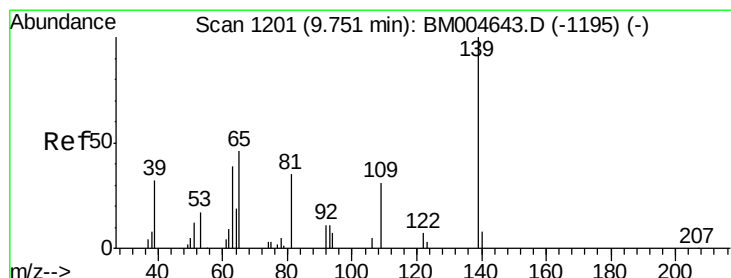
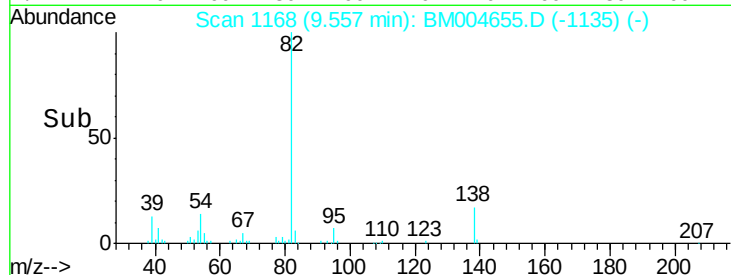
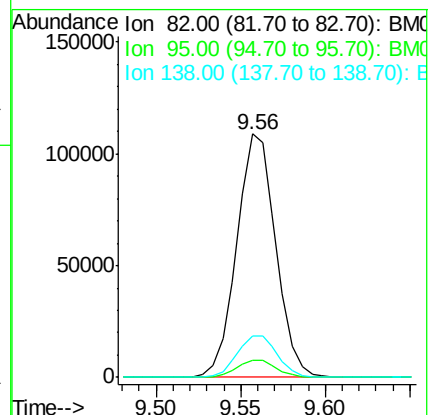
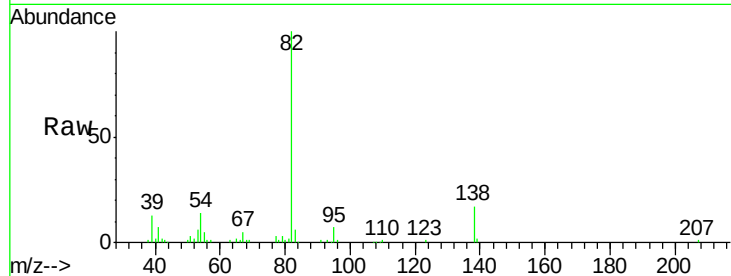
Tot Ion: 82 Resp: 174266

Ion Ratio Lower Upper

82 100

95 6.9 6.4 9.6

138 16.9 14.9 22.3



#23

2-Nitrophenol

Concen: 19.75 ng/ul

RT: 9.75 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

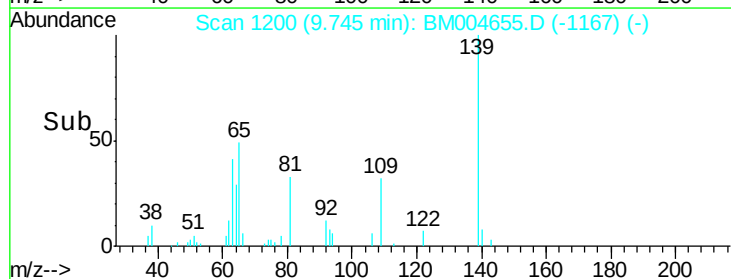
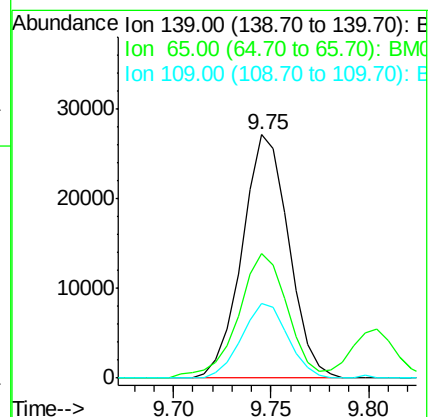
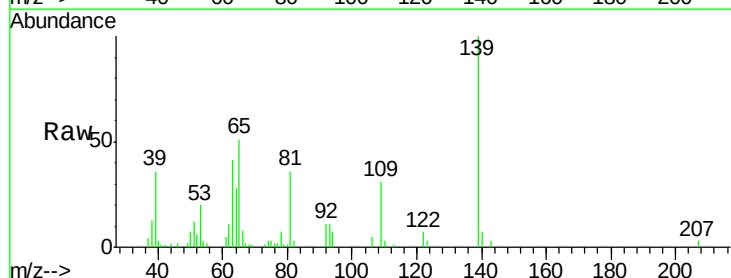
Tgt Ion: 139 Resp: 44911

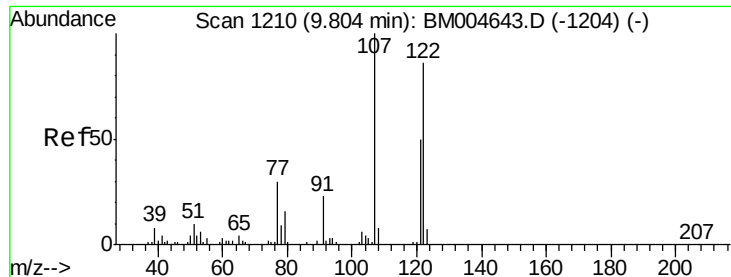
Ion Ratio Lower Upper

139 100

65 51.0 36.3 54.5

109 30.5 26.4 39.6





#24

2,4-Dimethylphenol

Concen: 20.35 ng/ul

RT: 9.80 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampleId :

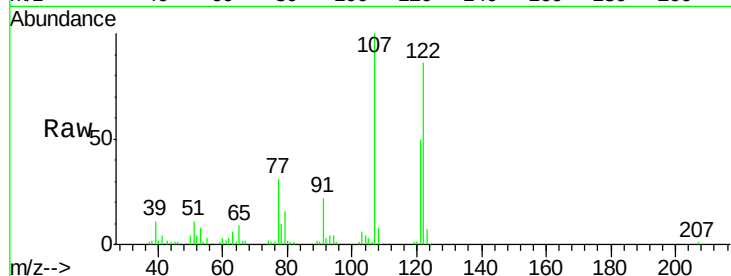
Tot Ion:107 Resp: 101330

Ion Ratio Lower Upper

107 100

121 49.8 40.6 61.0

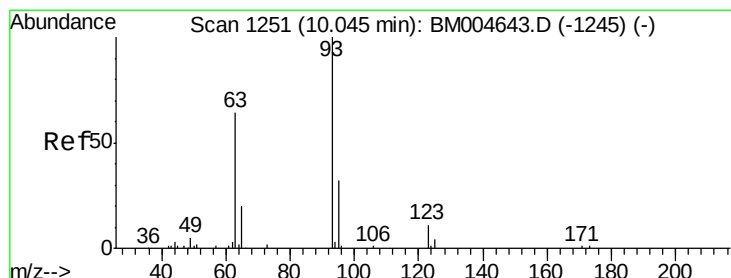
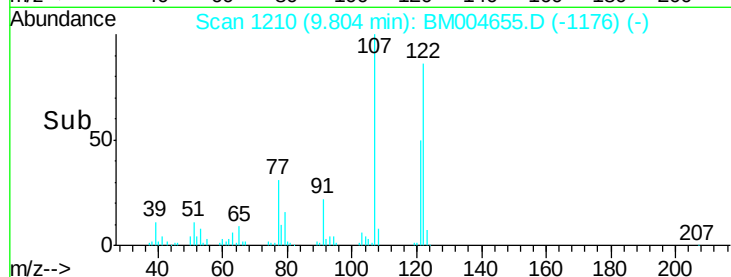
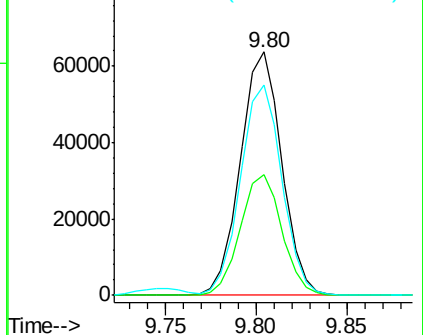
122 86.5 67.8 101.6



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: 20.12 ng/ul

RT: 10.05 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

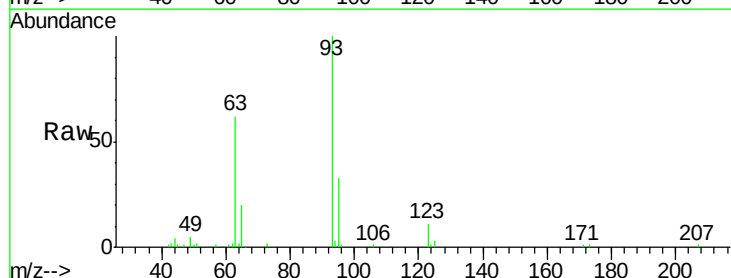
Tgt Ion: 93 Resp: 116583

Ion Ratio Lower Upper

93 100

95 32.7 25.8 38.8

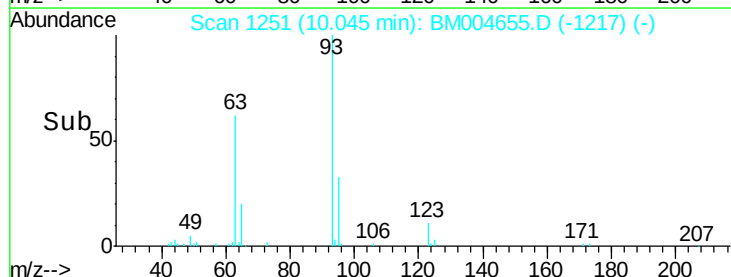
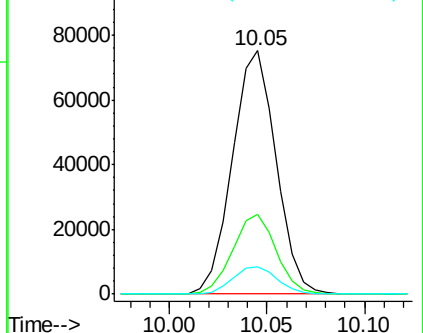
123 11.3 9.8 14.8

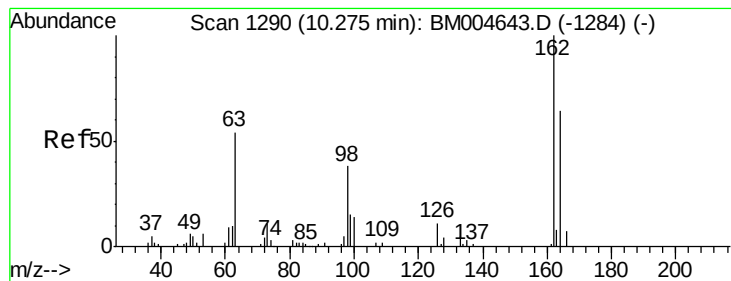


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 20.35 ng/ul

RT: 10.27 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampleId :

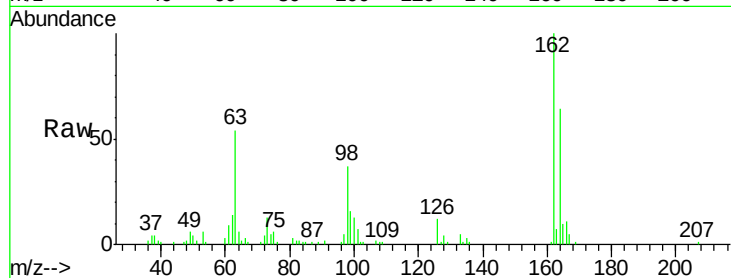
Tot Ion:162 Resp: 84393

Ion Ratio Lower Upper

162 100

164 64.1 52.1 78.1

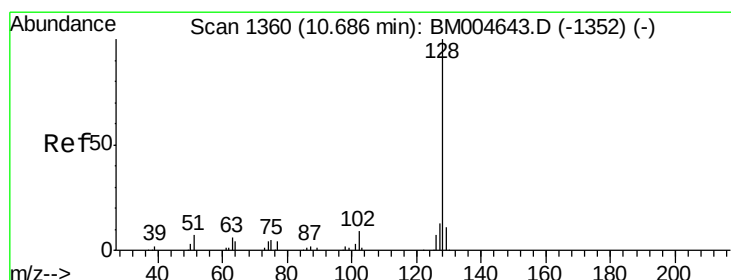
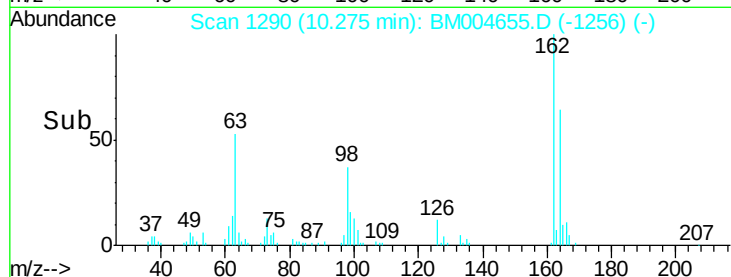
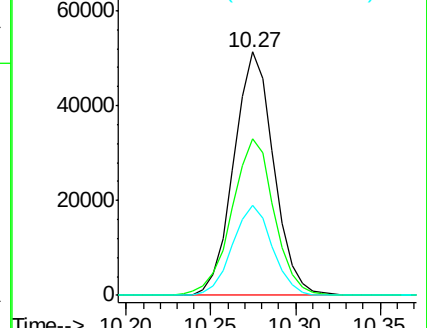
98 36.9 28.4 42.6



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: 20.31 ng/ul

RT: 10.68 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

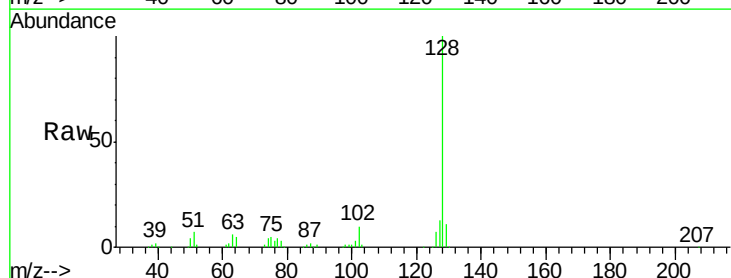
Tgt Ion:128 Resp: 289280

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

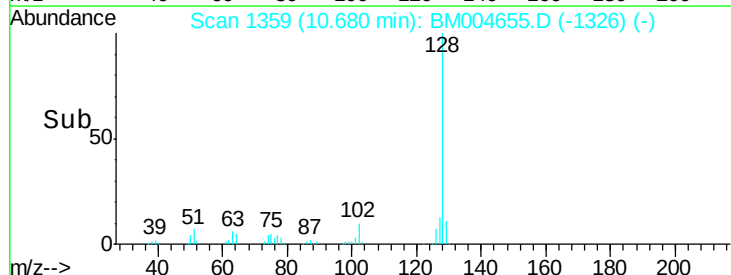
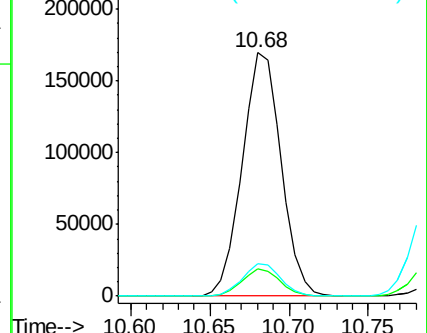
127 13.3 10.5 15.7

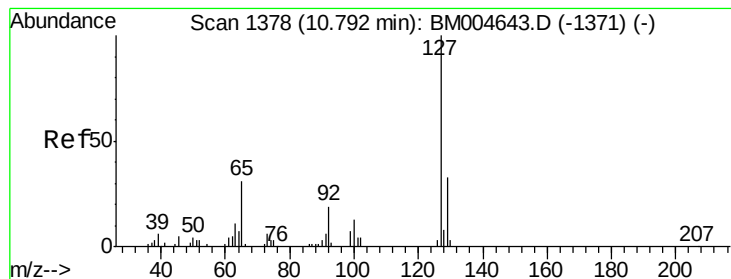


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 23.16 ng/ul

RT: 10.79 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

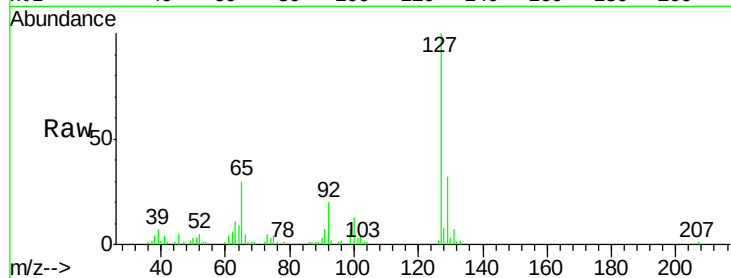
ClientSampleId :

Tot Ion:127 Resp: 117237

Ion Ratio Lower Upper

127 100

129 32.2 25.4 38.2



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

10.79

80000

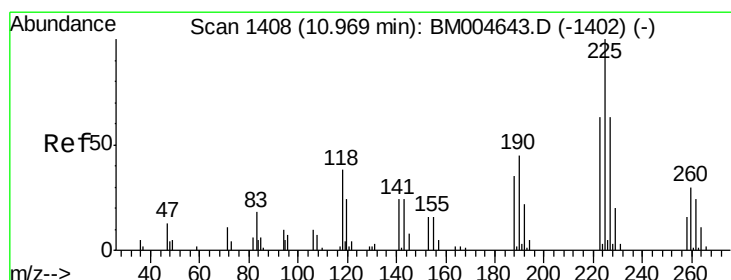
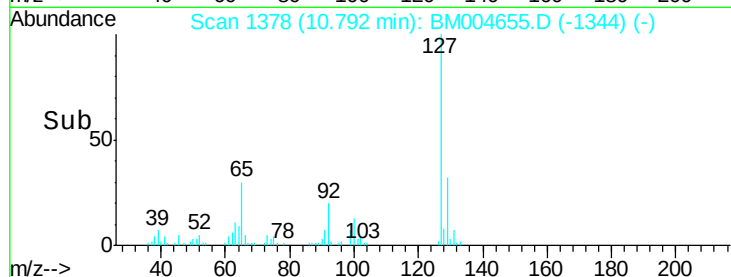
60000

40000

20000

0

Time--> 10.75 10.80 10.85



#31

Hexachlorobutadiene

Concen: 20.48 ng/ul

RT: 10.97 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

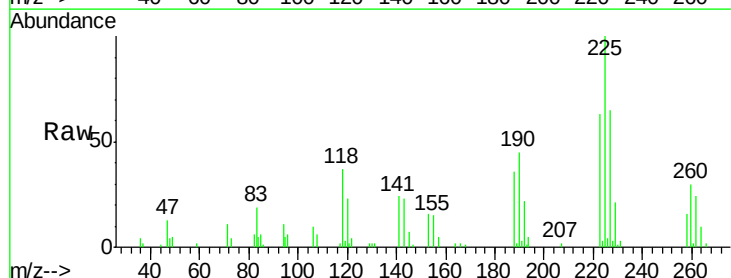
Tgt Ion:225 Resp: 50692

Ion Ratio Lower Upper

225 100

223 62.8 51.4 77.2

227 64.5 50.7 76.1



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

10.97

40000

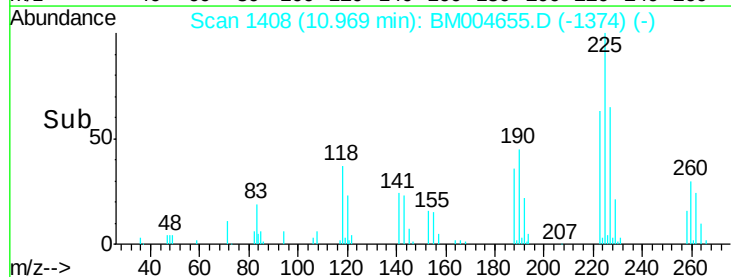
30000

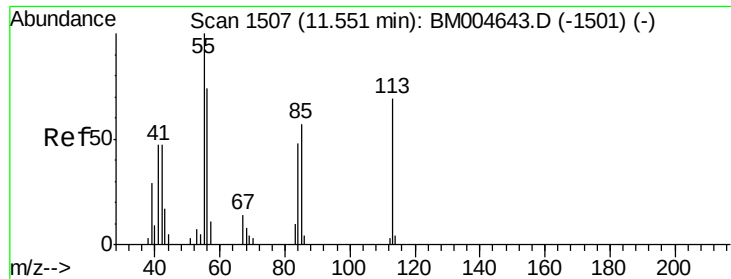
20000

10000

0

Time--> 10.90 10.95 11.00





#32

Caprolactam

Concen: 17.37 ng/ul

RT: 11.55 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampleId :

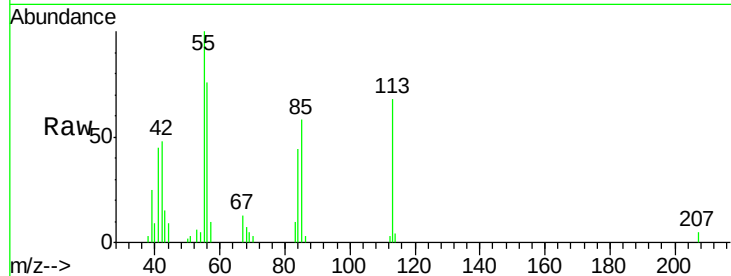
Tot Ion:113 Resp: 24133

Ion Ratio Lower Upper

113 100

55 147.9 101.9 152.9

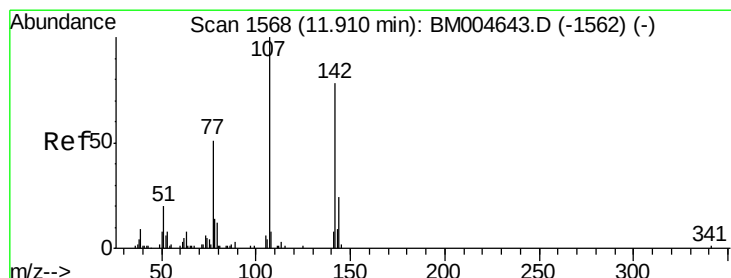
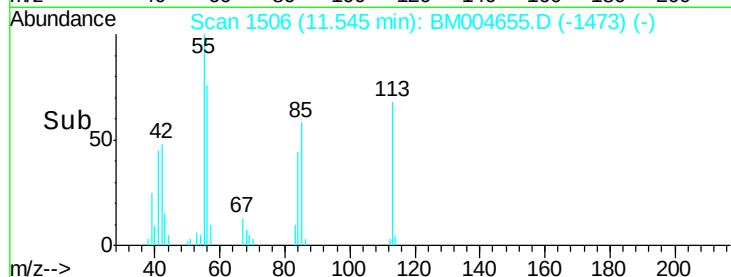
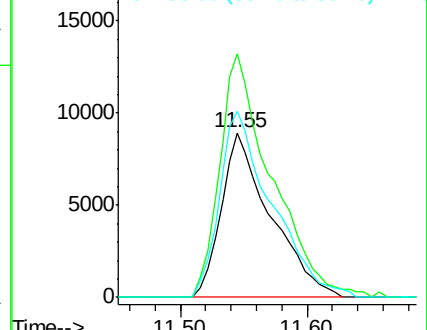
56 113.0 81.2 121.8



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: 19.69 ng/ul

RT: 11.91 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

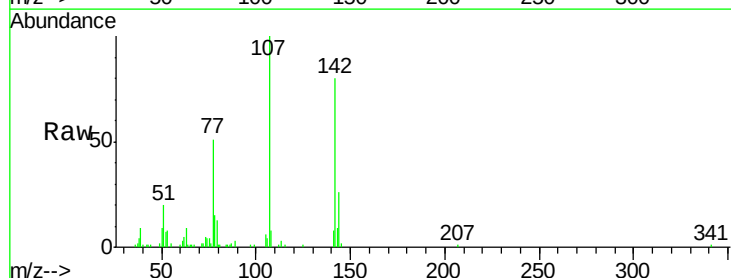
Tgt Ion:107 Resp: 92406

Ion Ratio Lower Upper

107 100

144 25.8 20.4 30.6

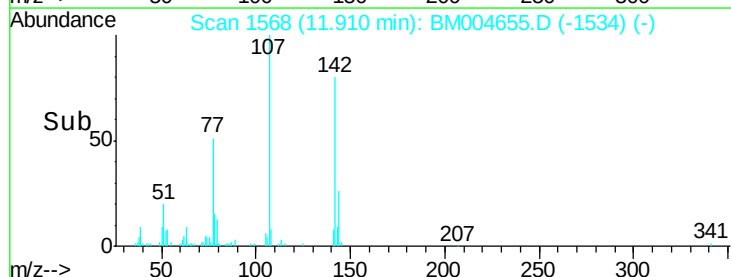
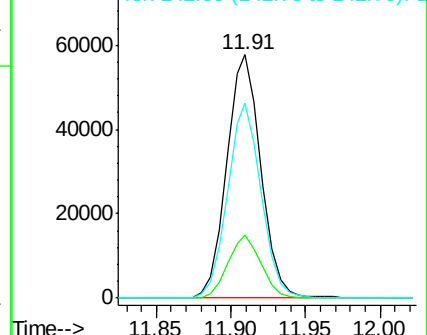
142 80.2 62.5 93.7

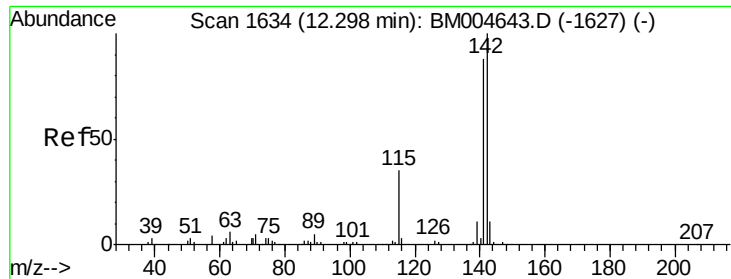


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.49 ng/ul

RT: 12.29 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

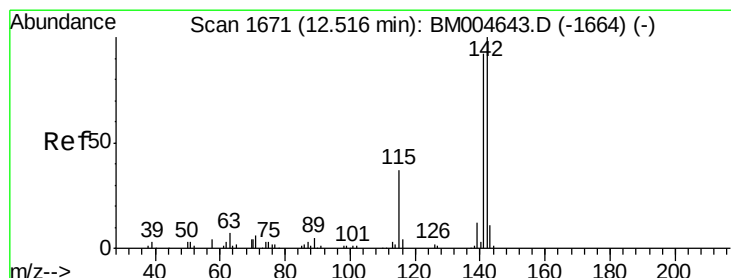
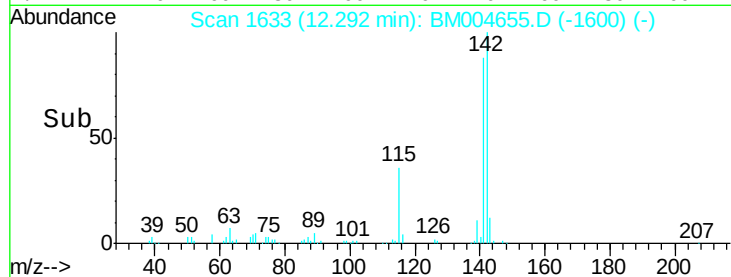
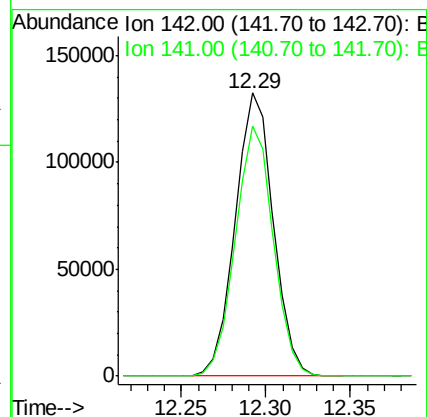
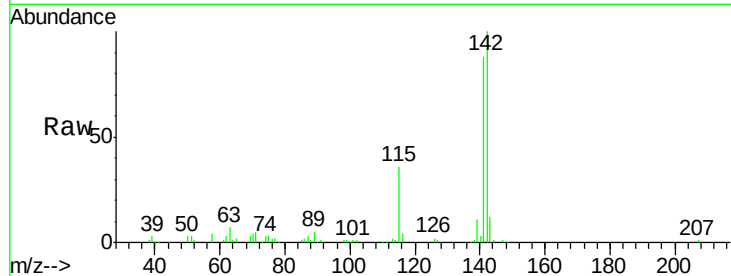
ClientSampleId :

Tot Ion:142 Resp: 207795

Ion Ratio Lower Upper

142 100

141 88.2 71.6 107.4



#35

1-Methylnaphthalene

Concen: 20.58 ng/ul

RT: 12.52 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

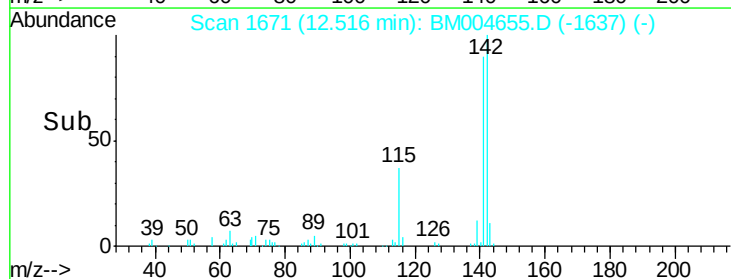
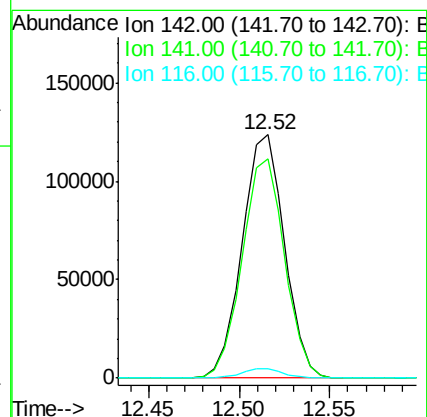
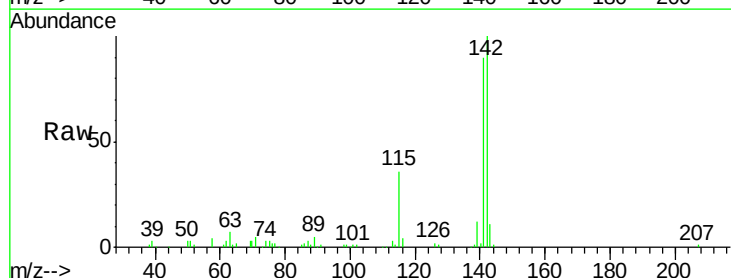
Tgt Ion:142 Resp: 200618

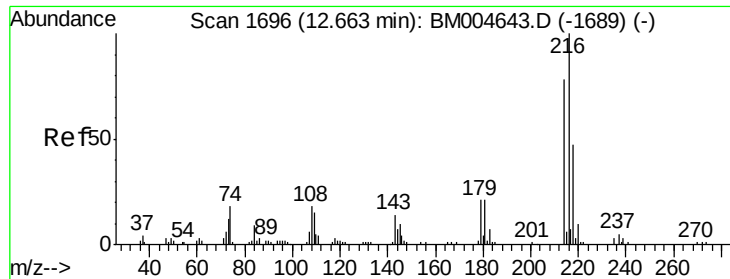
Ion Ratio Lower Upper

142 100

141 90.1 74.9 112.3

116 3.8 3.1 4.7

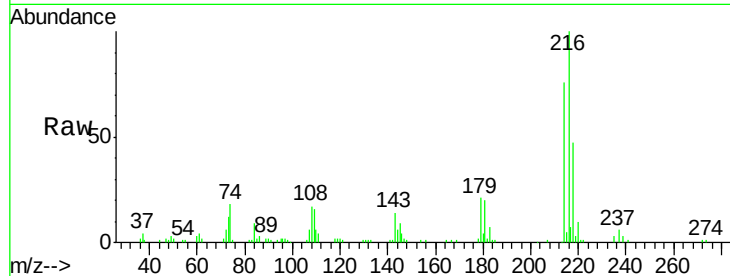




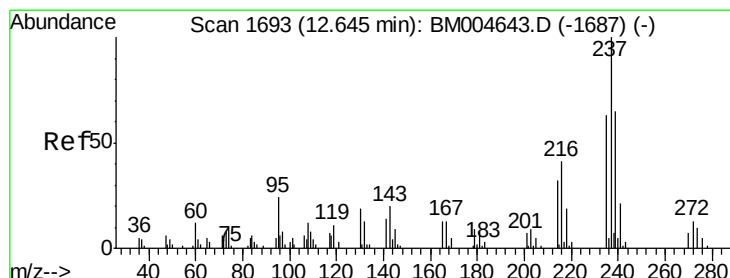
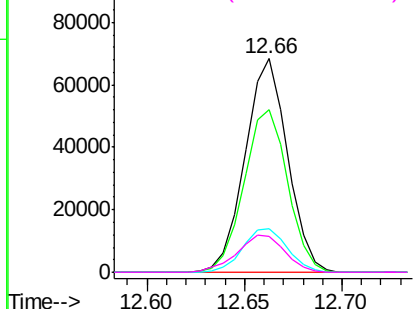
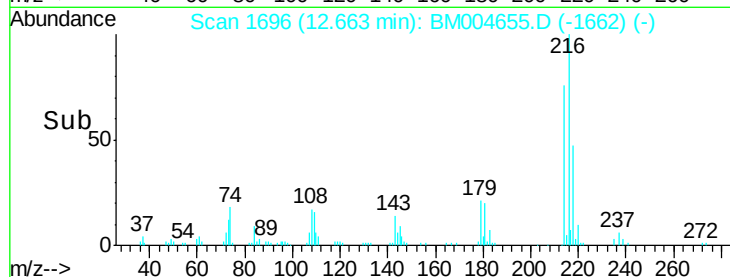
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.51 ng/ul
 RT: 12.66 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216	Resp:	103186
Ion Ratio	Lower	Upper
216	100	
214	76.1	62.5 93.7
179	20.5	18.2 27.2
108	17.1	14.2 21.2

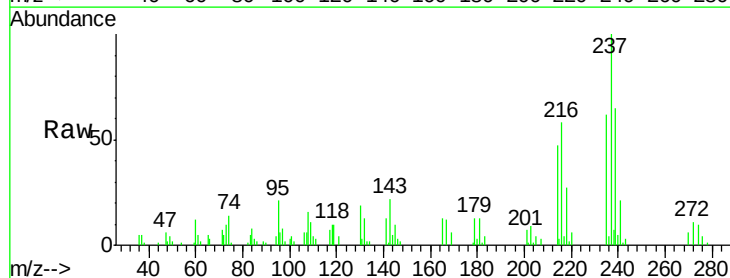


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

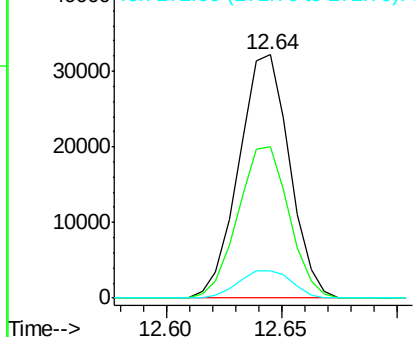
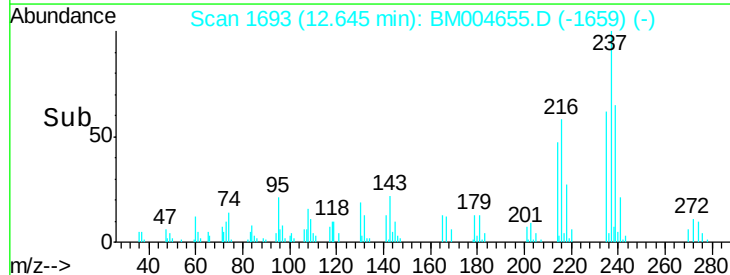


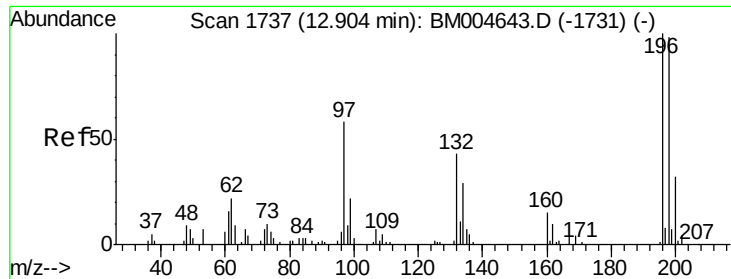
#38
 Hexachlorocyclopentadiene
 Concen: 18.07 ng/ul
 RT: 12.64 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

Tgt Ion:237	Resp:	49254
Ion Ratio	Lower	Upper
237	100	
235	62.2	50.4 75.6
272	11.5	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

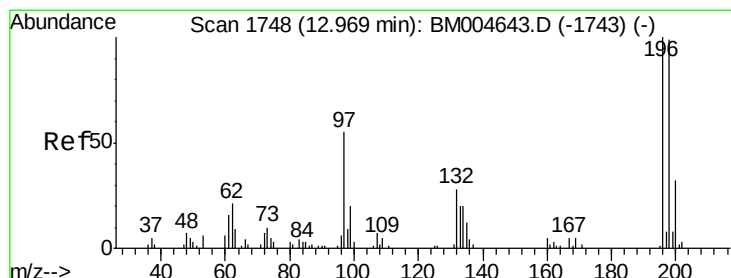
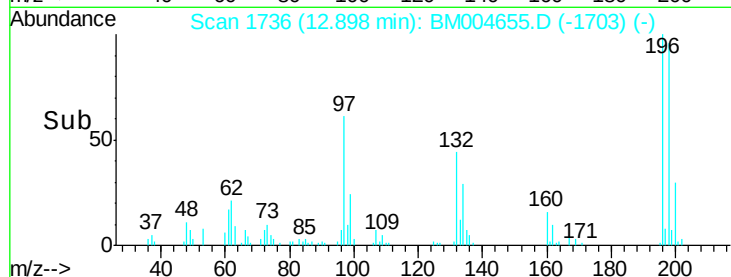
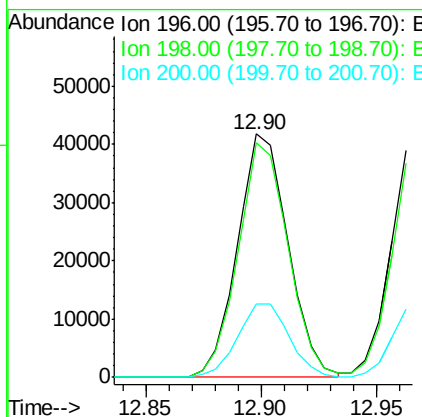
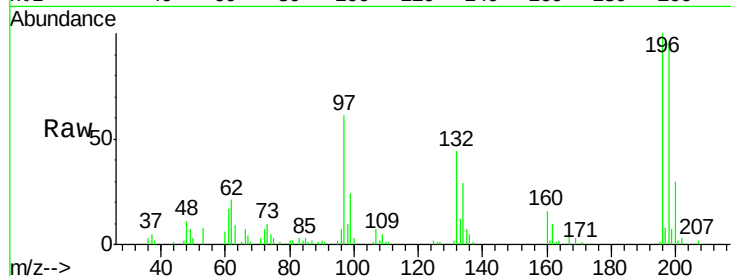




#39
 2,4,6-Trichlorophenol
 Concen: 19.21 ng/ul
 RT: 12.90 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

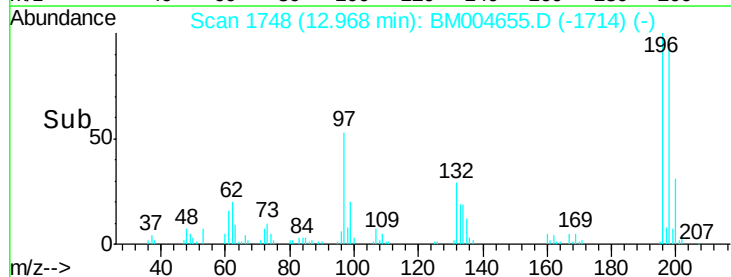
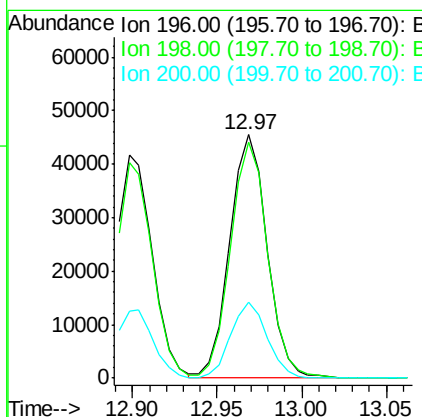
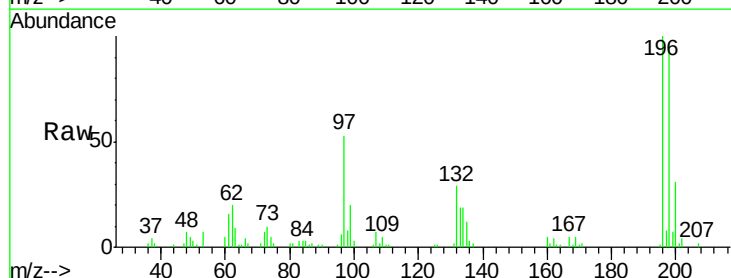
Instrument :
 BNA_M
 ClientSampled :

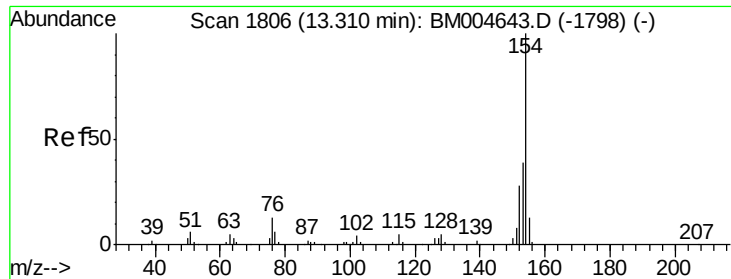
Tot Ion:196 Resp: 63823
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.6 114.8
 200 30.2 24.7 37.1



#40
 2,4,5-Trichlorophenol
 Concen: 19.60 ng/ul
 RT: 12.97 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

Tgt Ion:196 Resp: 70260
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.9 115.3
 200 31.3 25.0 37.4

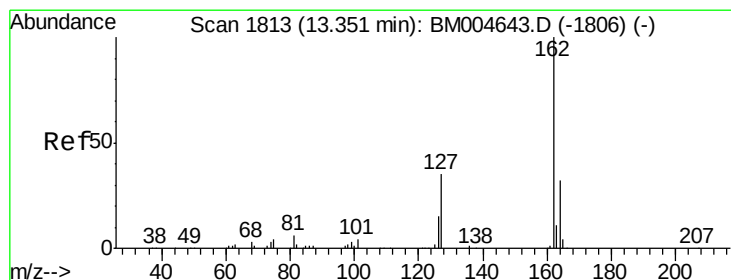
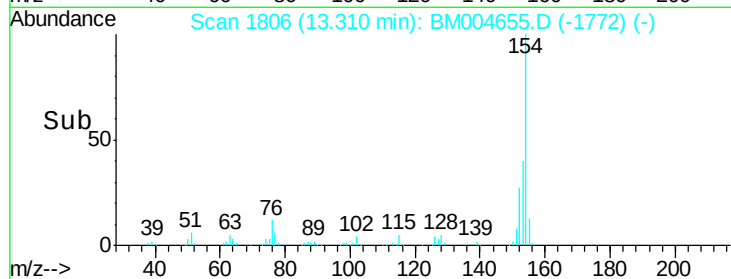
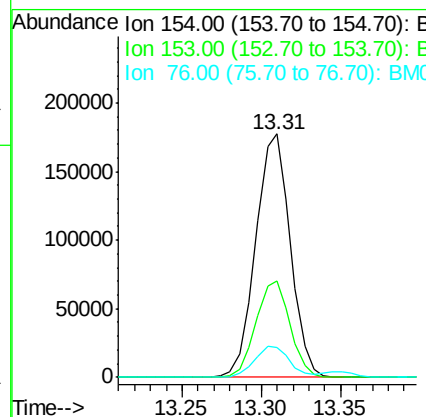
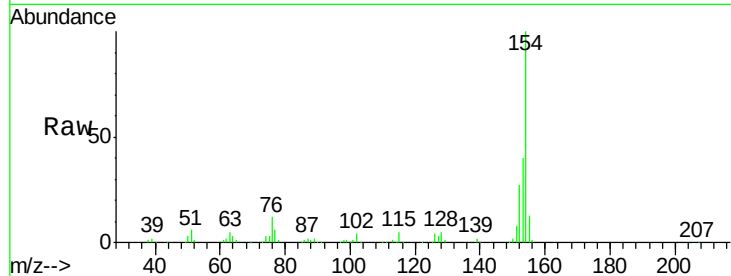




#41
 1,1'-Biphenyl
 Concen: 20.42 ng/ul
 RT: 13.31 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

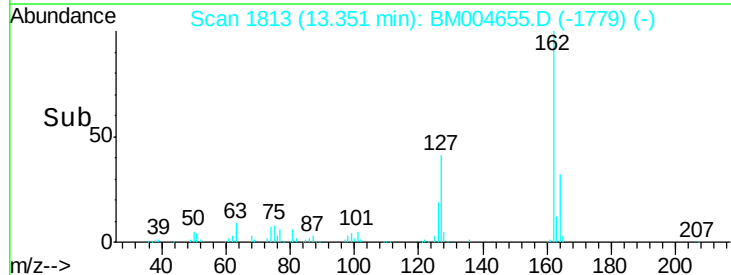
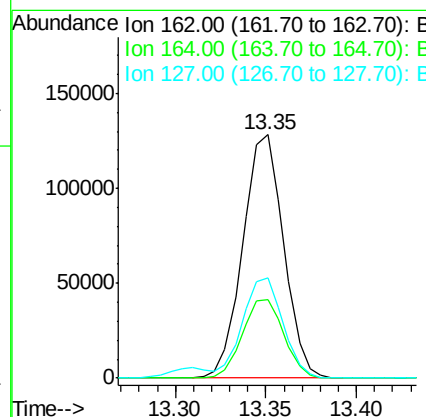
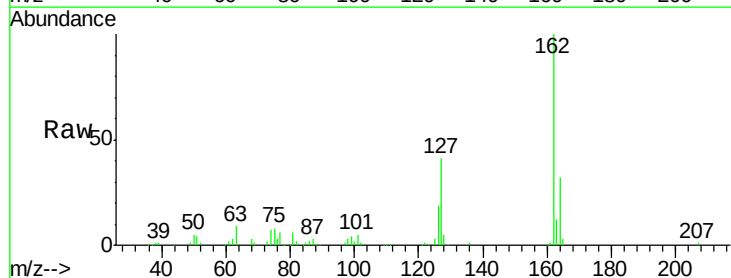
Instrument :
 BNA_M
 ClientSampleId :

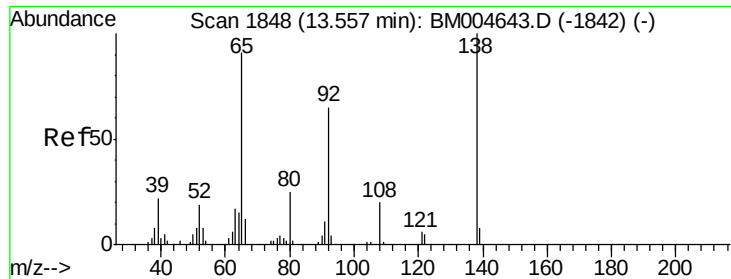
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	32.1	48.1
76	12.3	9.5	14.3



#42
 2-Chloronaphthalene
 Concen: 20.29 ng/ul
 RT: 13.35 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.2	25.9	38.9
127	41.0	34.1	51.1

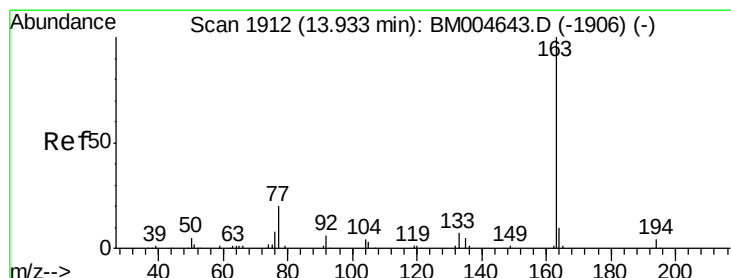
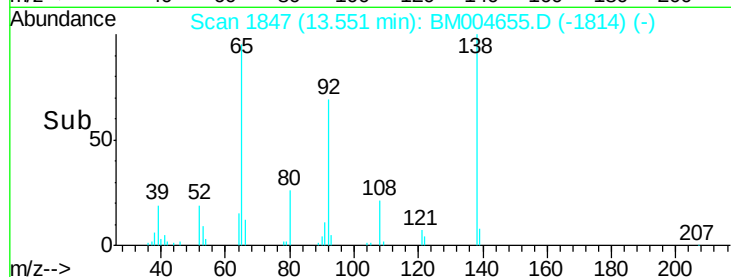
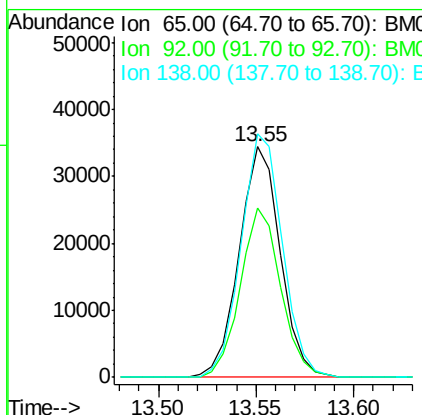
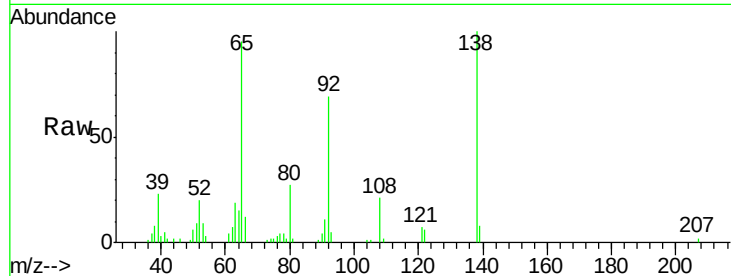




#43
2-Nitroaniline
Concen: 18.86 ng/ul
RT: 13.55 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM004655.D
Acq: 17 Mar 2016 03:10

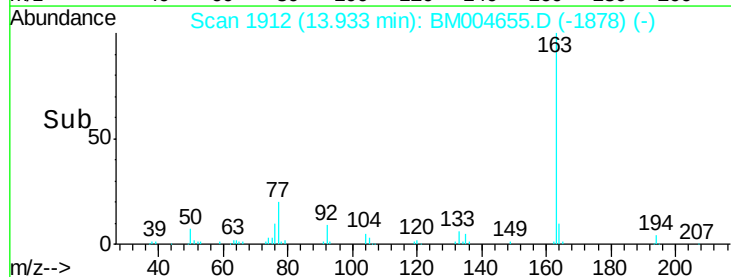
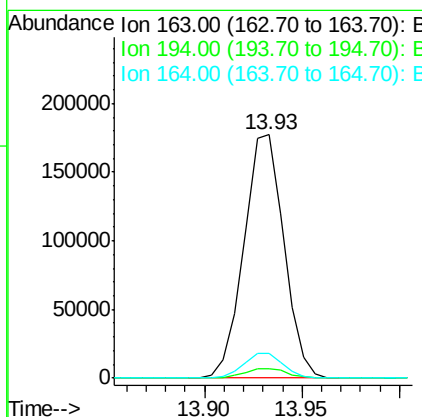
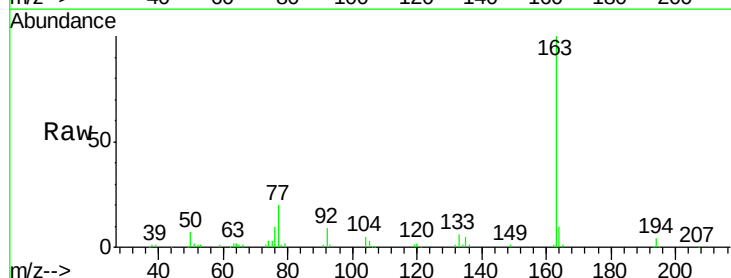
Instrument :
BNA_M
ClientSampled :

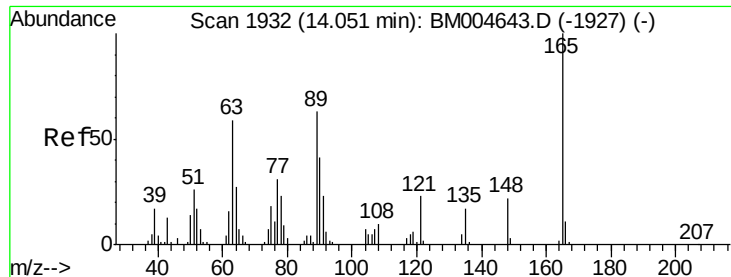
Tot Ion: 65 Resp: 50218
Ion Ratio Lower Upper
65 100
92 73.3 60.4 90.6
138 105.6 99.8 149.6



#45
Dimethylphthalate
Concen: 20.16 ng/ul
RT: 13.93 min Scan# 1912
Delta R.T. -0.00 min
Lab File: BM004655.D
Acq: 17 Mar 2016 03:10

Tgt Ion: 163 Resp: 251974
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 7.8 11.8

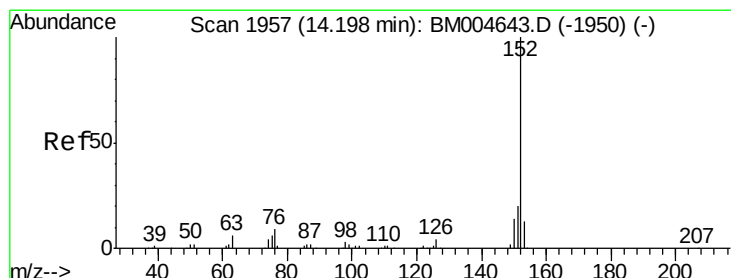
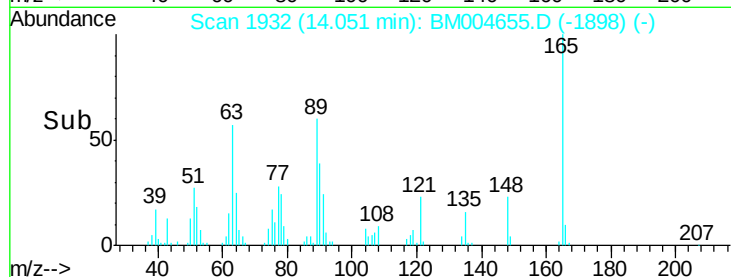
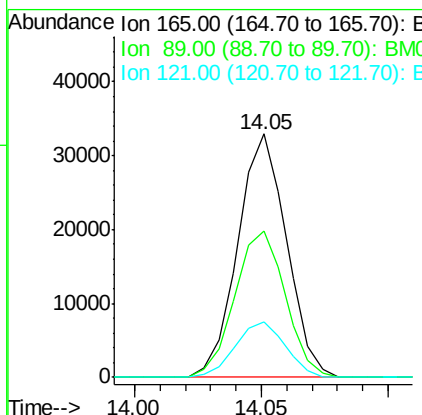
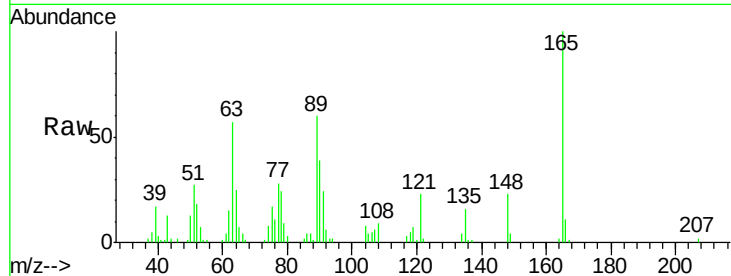




#46
 2,6-Dinitrotoluene
 Concen: 19.83 ng/ul
 RT: 14.05 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

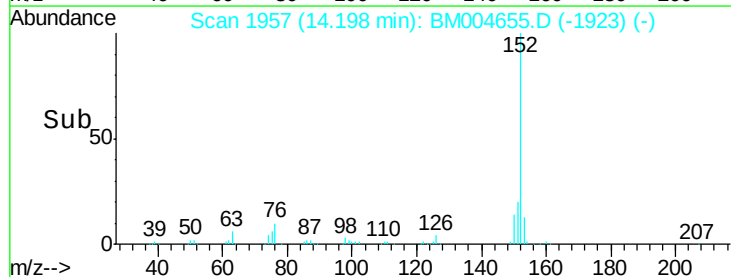
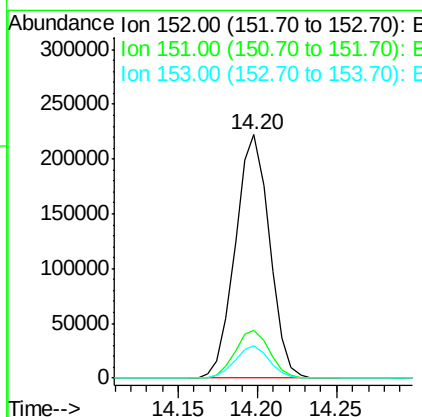
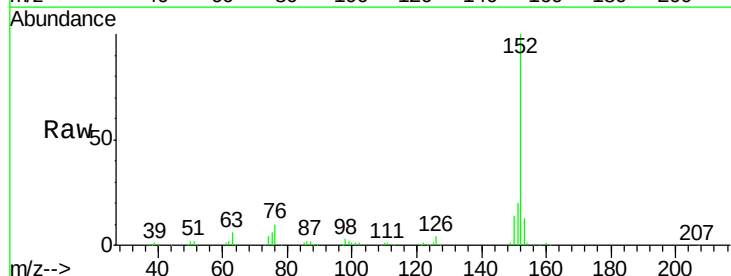
Instrument :
 BNA_M
 ClientSampled :

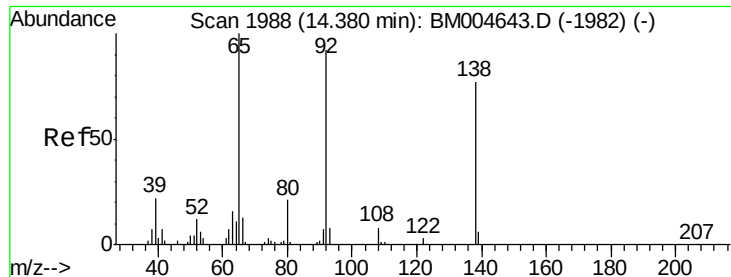
Tot Ion:165 Resp: 44110
 Ion Ratio Lower Upper
 165 100
 89 60.3 42.4 63.6
 121 22.9 16.6 24.8



#48
 Acenaphthylene
 Concen: 20.53 ng/ul
 RT: 14.20 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

Tgt Ion:152 Resp: 332970
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.7 23.5
 153 13.2 10.5 15.7





#49

3-Nitroaniline

Concen: 20.87 ng/ul

RT: 14.38 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampled :

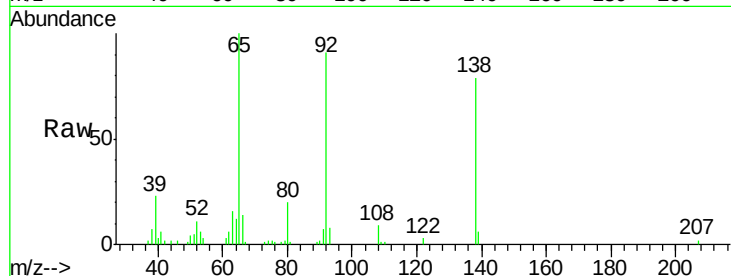
Tot Ion:138 Resp: 50160

Ion Ratio Lower Upper

138 100

108 10.8 8.7 13.1

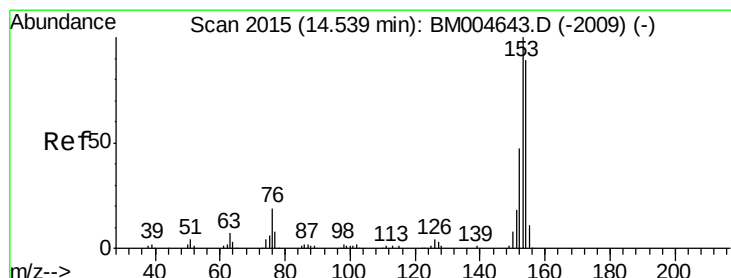
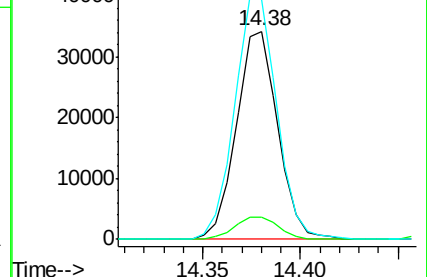
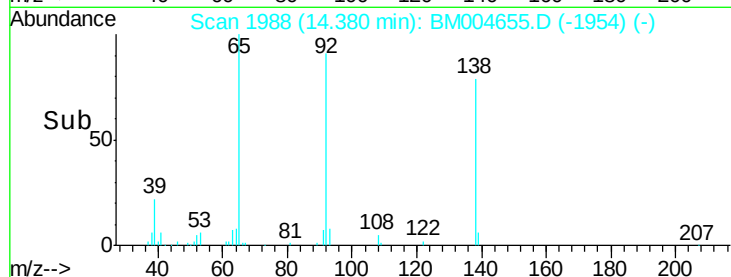
92 115.1 88.2 132.4



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): E



#50

Acenaphthene

Concen: 20.42 ng/ul

RT: 14.54 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

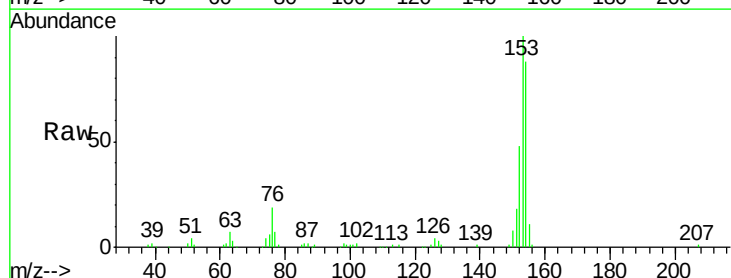
Tgt Ion:153 Resp: 222976

Ion Ratio Lower Upper

153 100

152 48.1 38.3 57.5

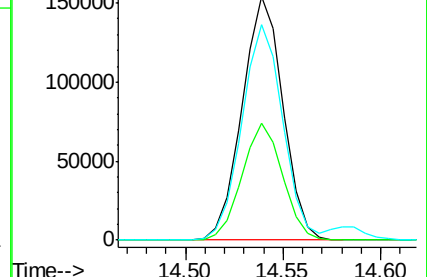
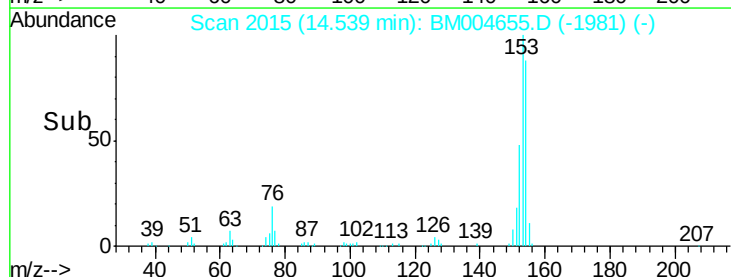
154 88.2 71.8 107.8

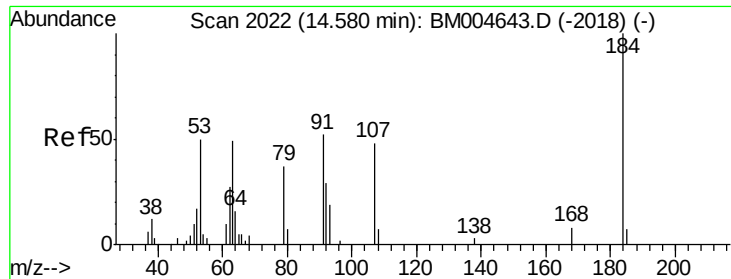


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

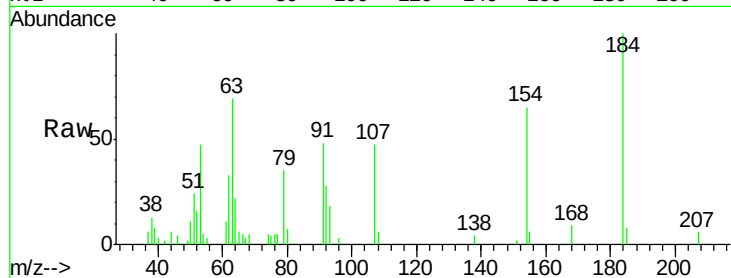




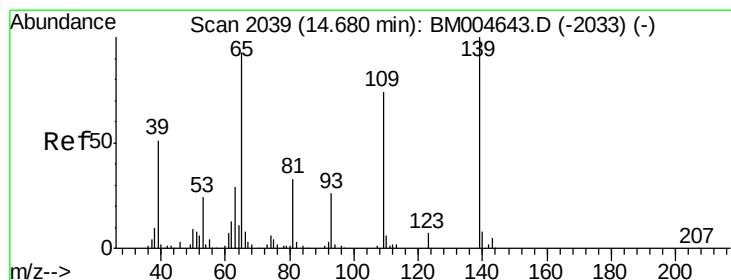
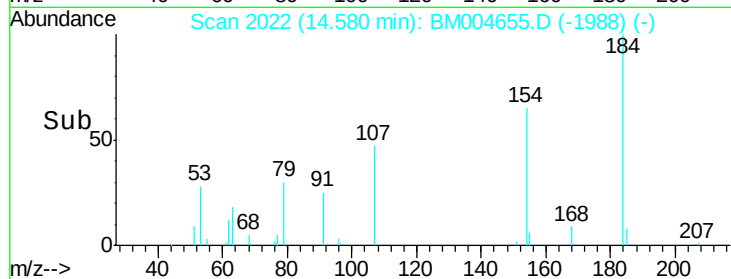
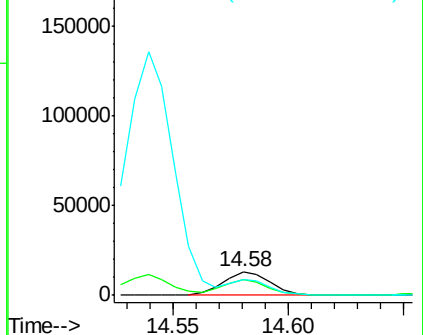
#51
 2,4-Dinitrophenol
 Concen: 14.57 ng/ul
 RT: 14.58 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:184 Resp: 18445
 Ion Ratio Lower Upper
 184 100
 63 68.7 46.5 69.7
 154 65.3 54.6 82.0

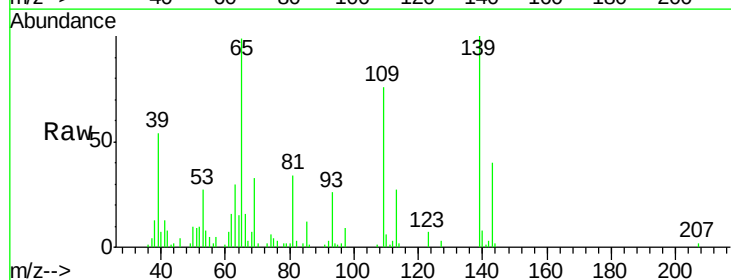


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BM004643.D (-2018) (-)
 Ion 154.00 (153.70 to 154.70): E

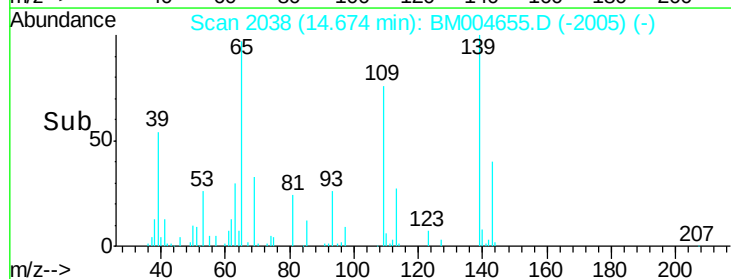
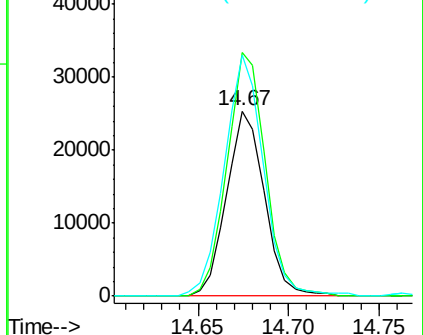


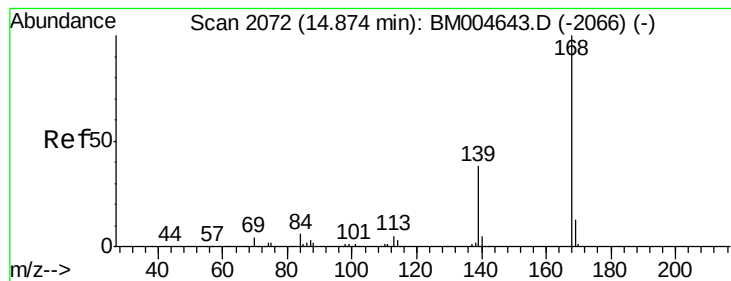
#53
 4-Nitrophenol
 Concen: 19.10 ng/ul
 RT: 14.67 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

Tgt Ion:109 Resp: 36858
 Ion Ratio Lower Upper
 109 100
 139 131.6 103.7 155.5
 65 130.2 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): BM004643.D (-2033) (-)





#54

Dibenzofuran

Concen: 20.45 ng/ul

RT: 14.87 min Scan# 2072

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

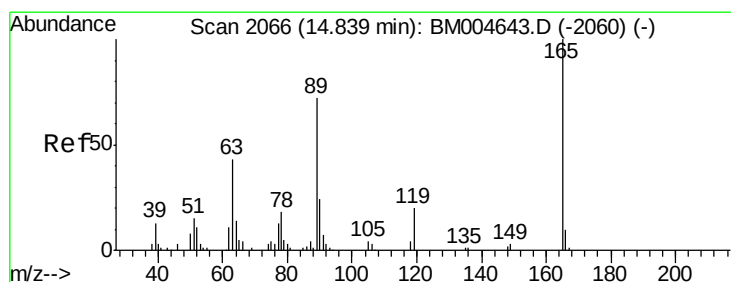
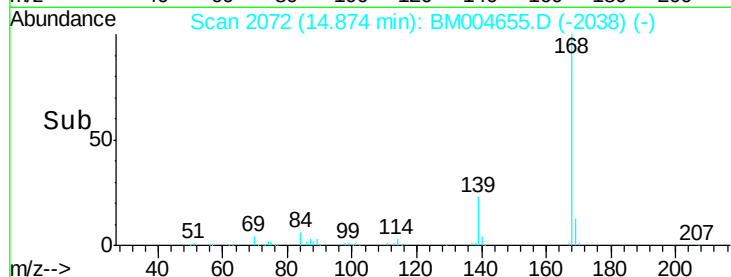
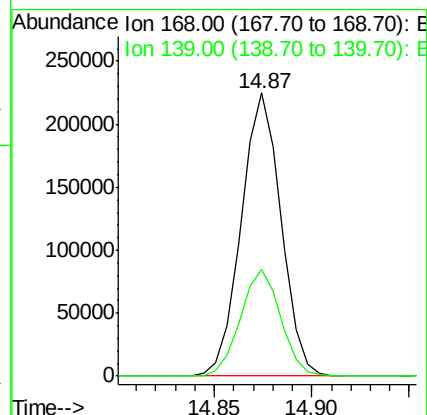
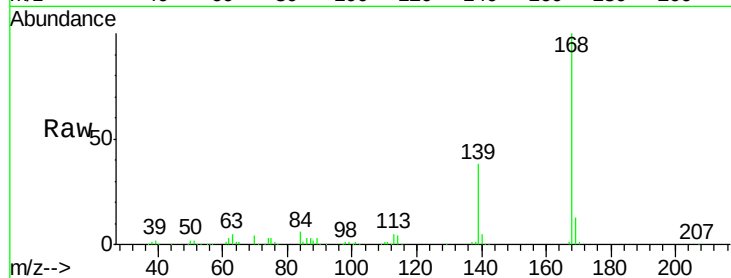
ClientSampled :

Tot Ion:168 Resp: 317839

Ion Ratio Lower Upper

168 100

139 37.9 32.2 48.2



#55

2,4-Dinitrotoluene

Concen: 20.23 ng/ul

RT: 14.83 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

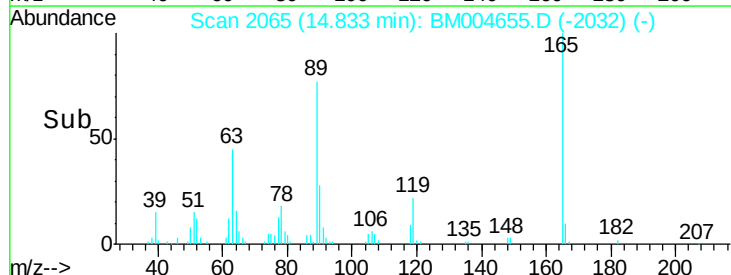
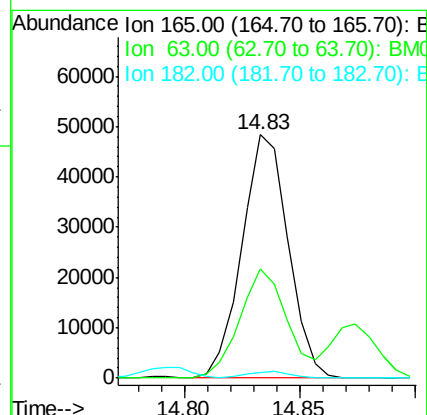
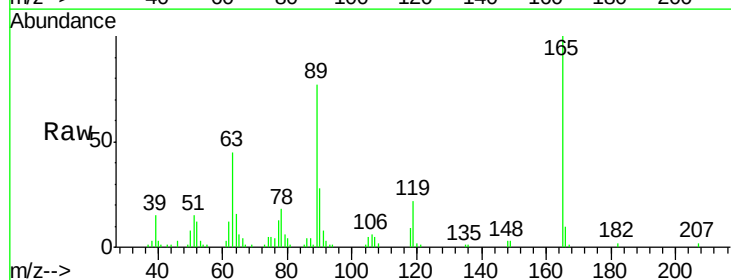
Tgt Ion:165 Resp: 67875

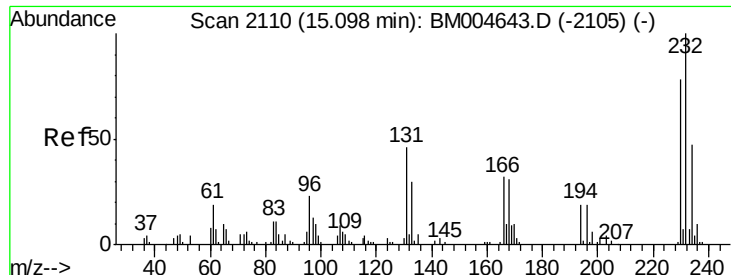
Ion Ratio Lower Upper

165 100

63 45.0 29.8 44.6#

182 2.4 2.2 3.4

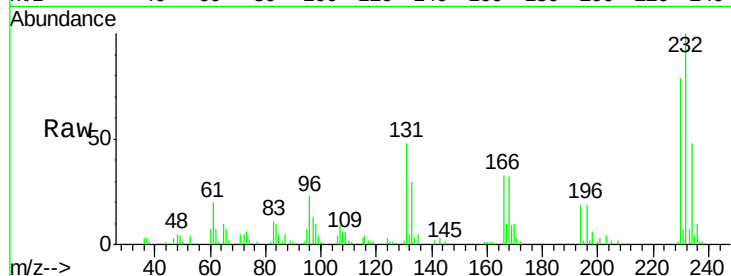




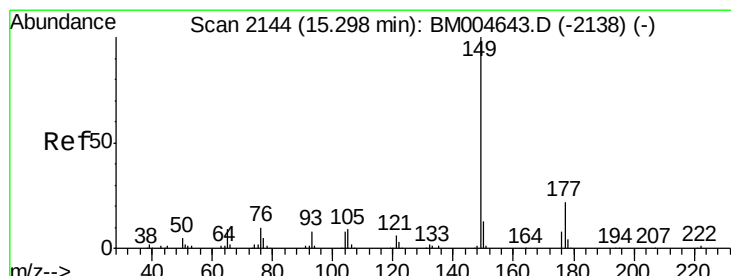
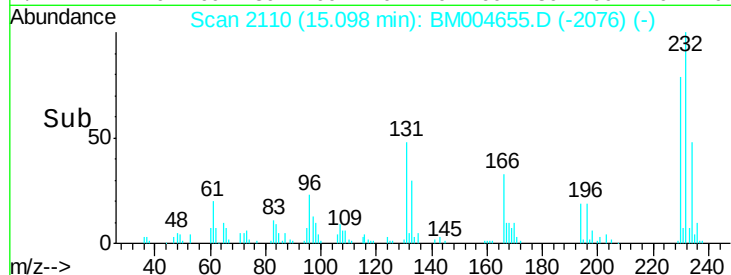
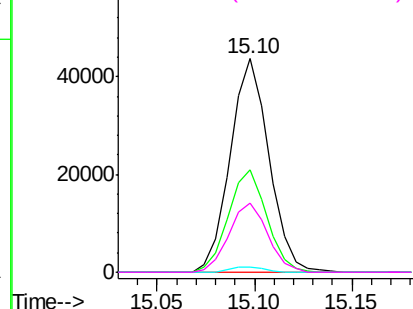
#56
 2,3,4,6-Tetrachlorophenol
 Concen: 19.12 ng/ul
 RT: 15.10 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:	232	Resp:	60371
Ion	Ratio	Lower	Upper
232	100		
131	47.9	39.4	59.2
130	2.3	2.2	3.2
166	32.6	26.6	39.8

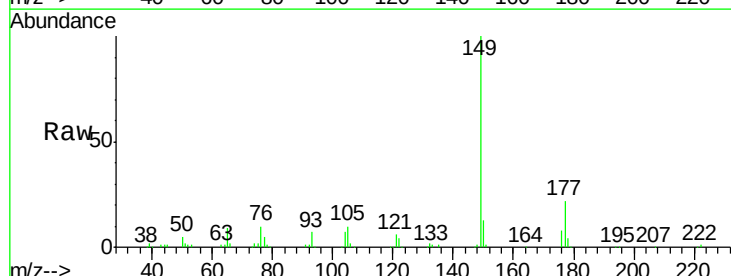


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

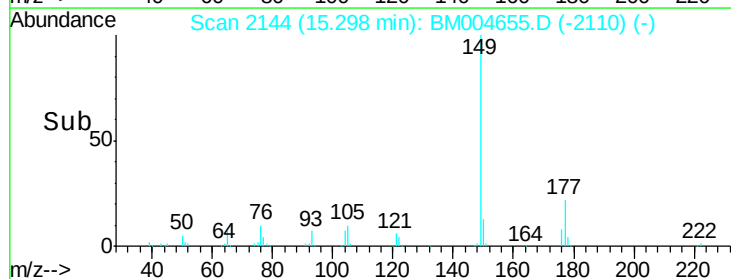
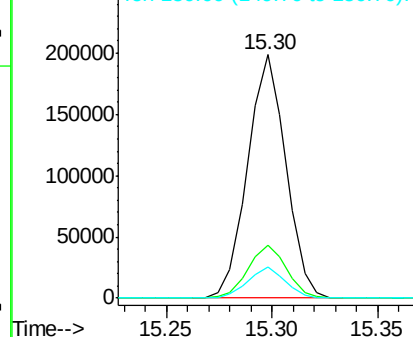


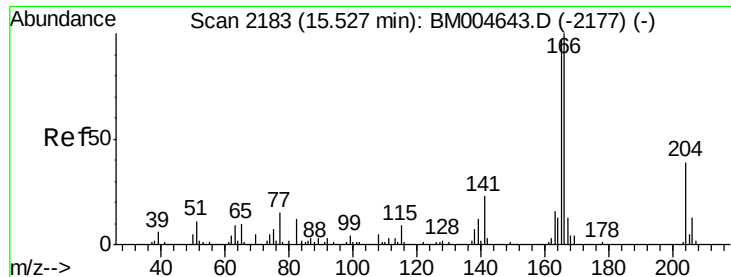
#57
 Diethylphthalate
 Concen: 19.64 ng/ul
 RT: 15.30 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

Tgt Ion:	149	Resp:	250023
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.4	26.2
150	12.9	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 20.66 ng/ul

RT: 15.52 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampleId :

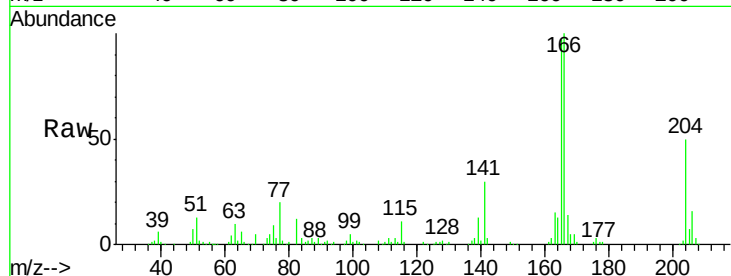
Tot Ion:166 Resp: 256390

Ion Ratio Lower Upper

166 100

165 96.6 78.5 117.7

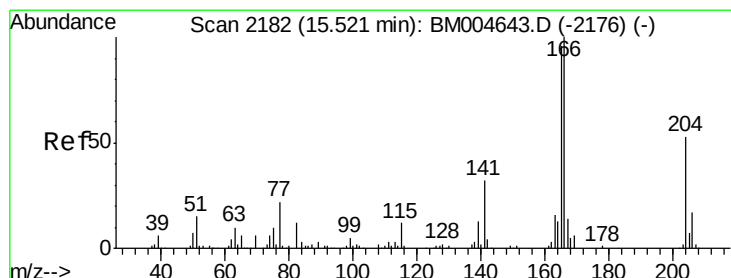
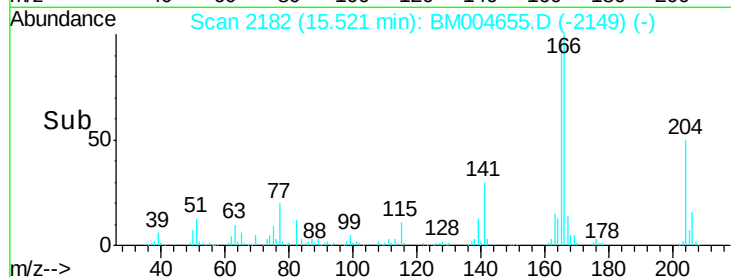
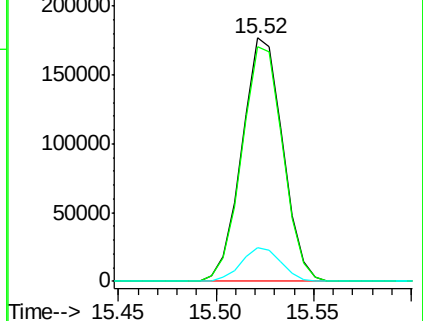
167 13.6 10.7 16.1



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: 20.71 ng/ul

RT: 15.52 min Scan# 2182

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

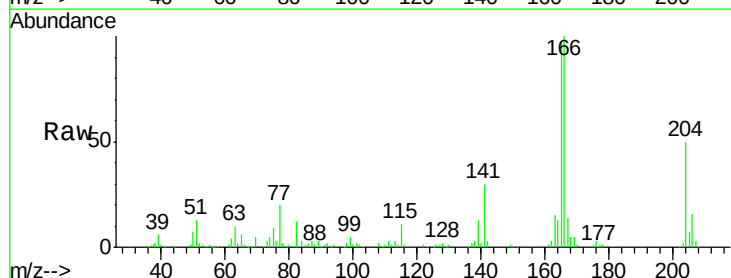
Tgt Ion:204 Resp: 122612

Ion Ratio Lower Upper

204 100

206 31.9 26.2 39.4

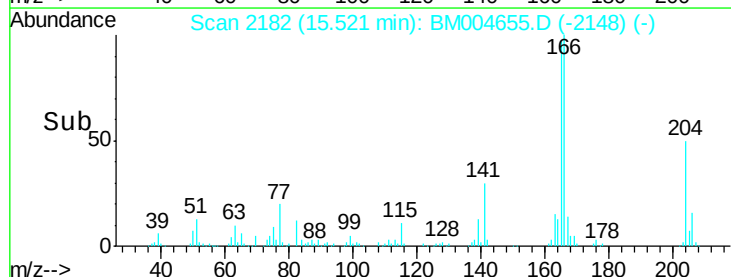
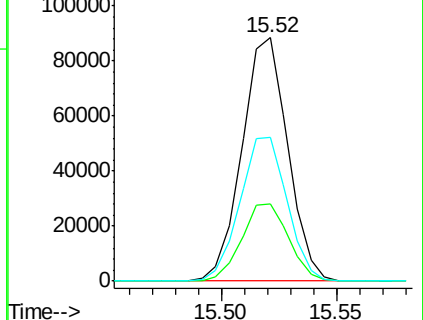
141 59.1 54.6 81.8

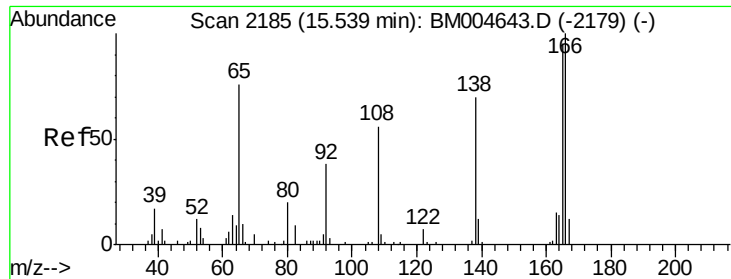


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

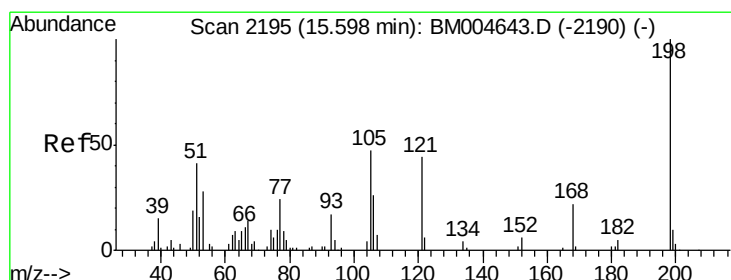
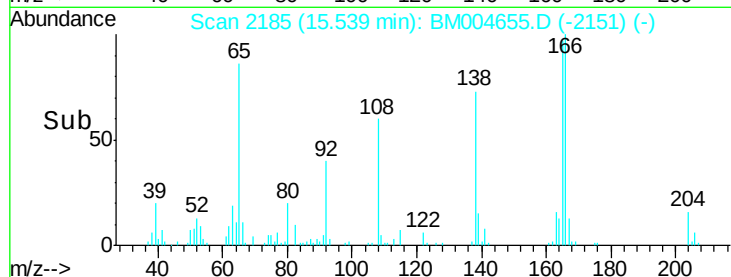
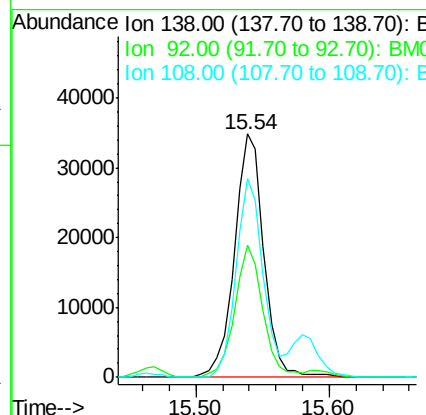
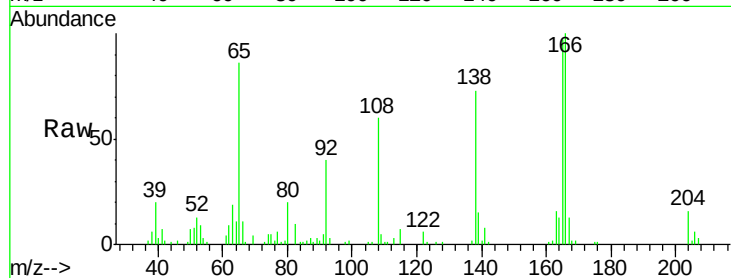




#61
4-Nitroaniline
Concen: 20.71 ng/ul
RT: 15.54 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BM004655.D
Acq: 17 Mar 2016 03:10

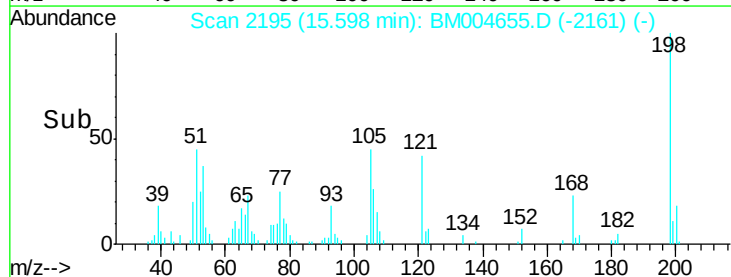
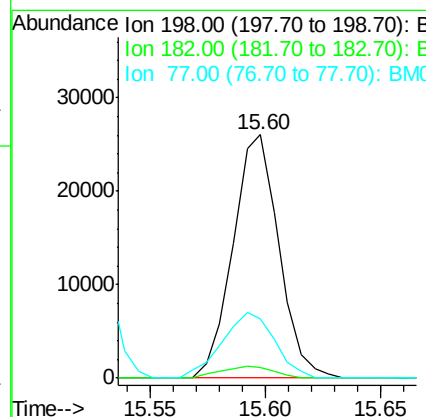
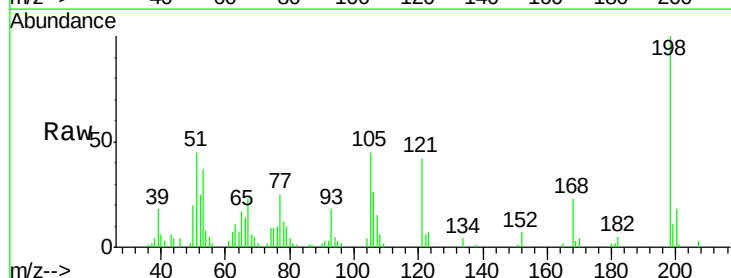
Instrument :
BNA_M
ClientSampleId :

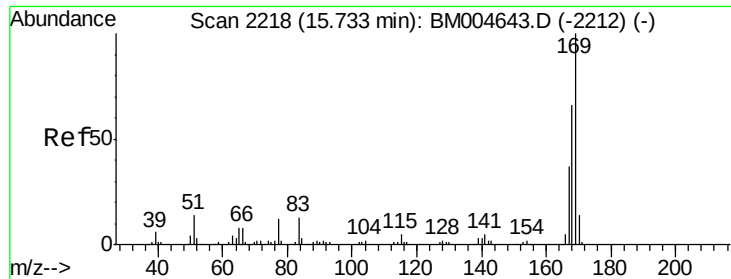
Tot Ion:138 Resp: 53560
Ion Ratio Lower Upper
138 100
92 54.4 40.6 60.8
108 81.7 67.0 100.6



#64
4,6-Dinitro-2-methylphenol
Concen: 17.90 ng/ul
RT: 15.60 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BM004655.D
Acq: 17 Mar 2016 03:10

Tgt Ion:198 Resp: 36122
Ion Ratio Lower Upper
198 100
182 4.5 3.1 4.7
77 24.6 20.1 30.1





#65

N-Nitrosodiphenylamine

Concen: 20.50 ng/ul

RT: 15.73 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampleId :

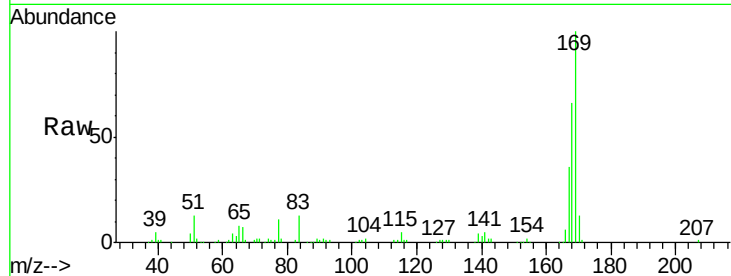
Tot Ion:169 Resp: 219391

Ion Ratio Lower Upper

169 100

168 66.0 53.8 80.8

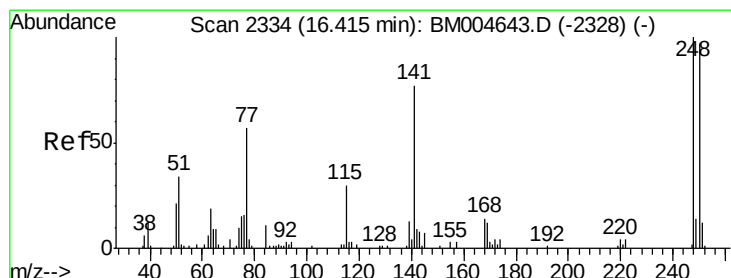
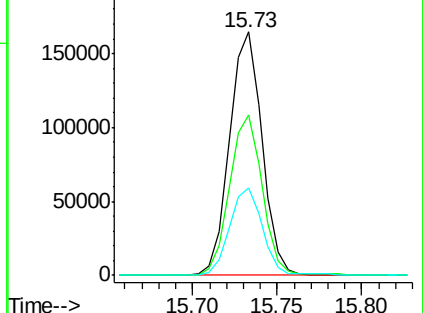
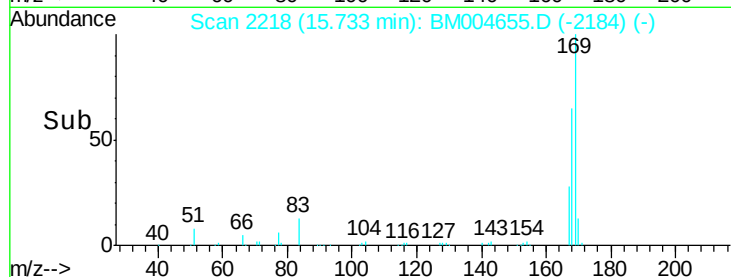
167 36.2 29.3 43.9



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: 20.50 ng/ul

RT: 16.42 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

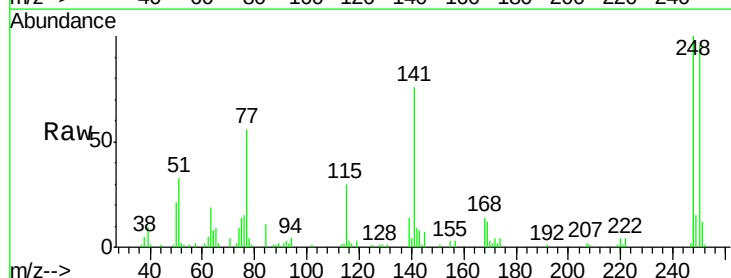
Tgt Ion:248 Resp: 72974

Ion Ratio Lower Upper

248 100

250 96.3 78.7 118.1

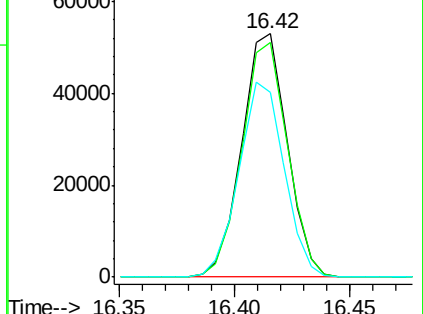
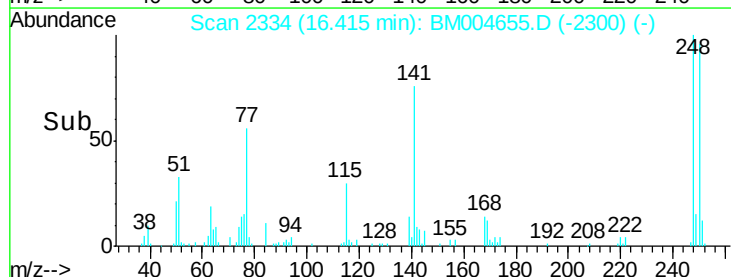
141 75.9 72.2 108.2

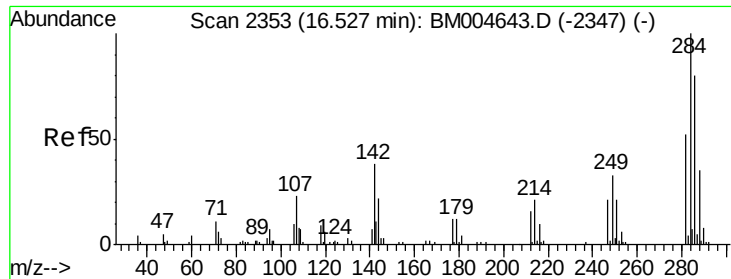


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 20.71 ng/ul

RT: 16.53 min Scan# 2353

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampleId :

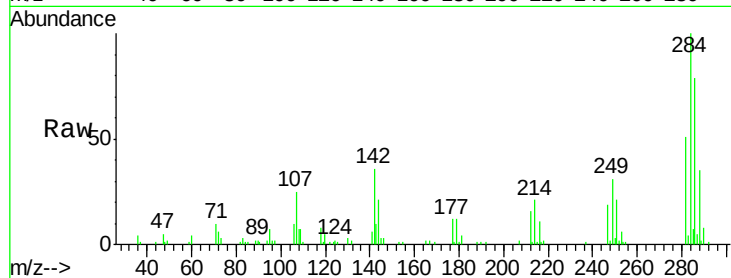
Tot Ion:284 Resp: 82747

Ion Ratio Lower Upper

284 100

142 35.9 33.1 49.7

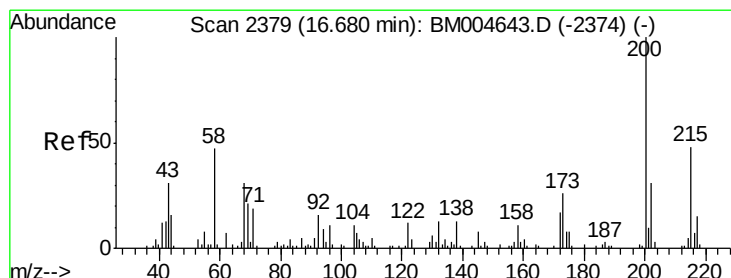
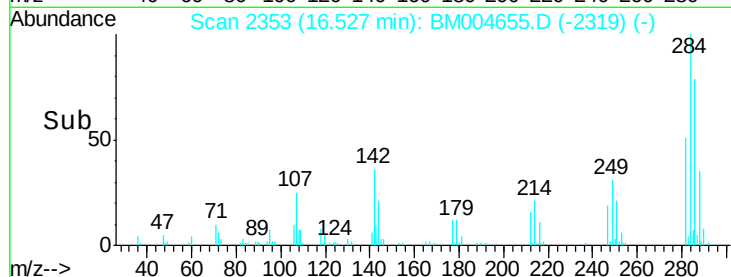
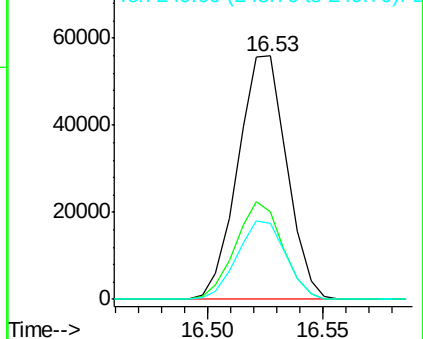
249 31.3 27.1 40.7



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: 19.76 ng/ul

RT: 16.68 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

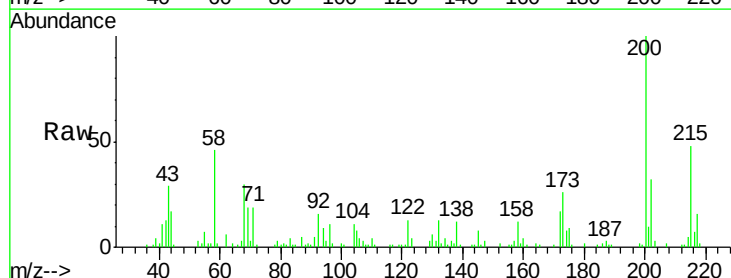
Tgt Ion:200 Resp: 74750

Ion Ratio Lower Upper

200 100

173 26.3 21.6 32.4

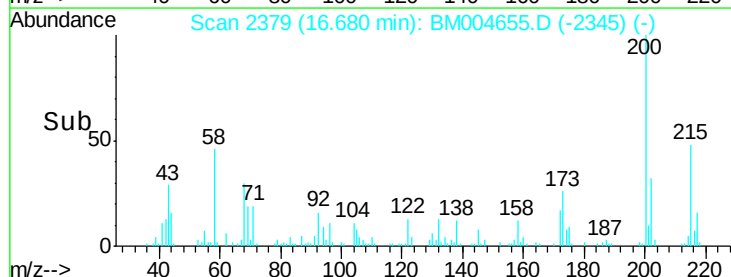
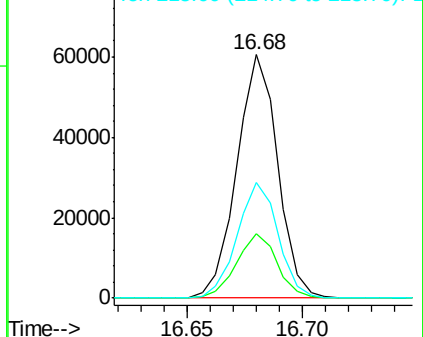
215 47.7 37.0 55.4

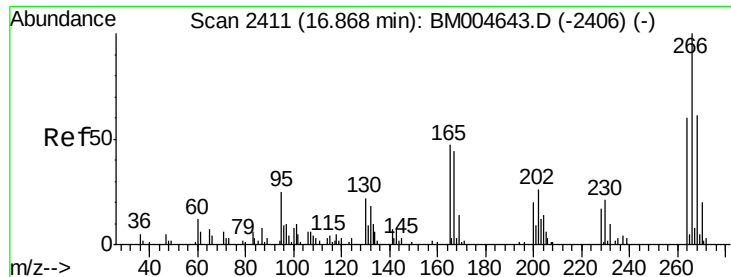


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

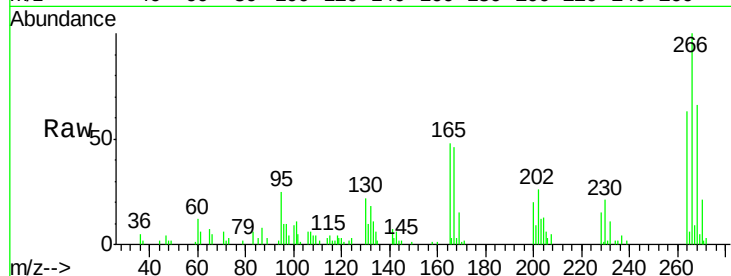




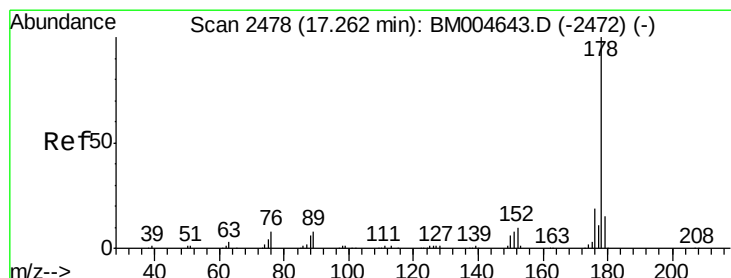
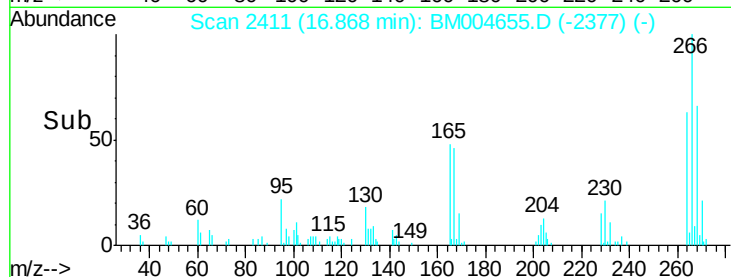
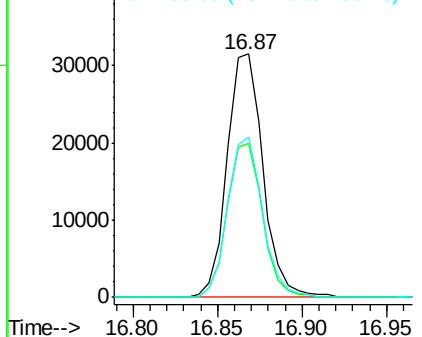
#69
 Pentachlorophenol
 Concen: 18.00 ng/ul
 RT: 16.87 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 46636
 Ion Ratio Lower Upper
 266 100
 264 63.4 50.5 75.7
 268 65.7 50.9 76.3

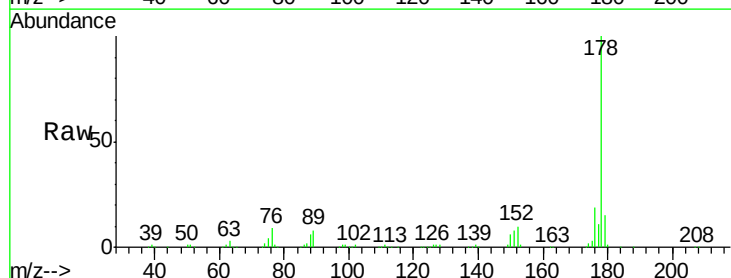


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

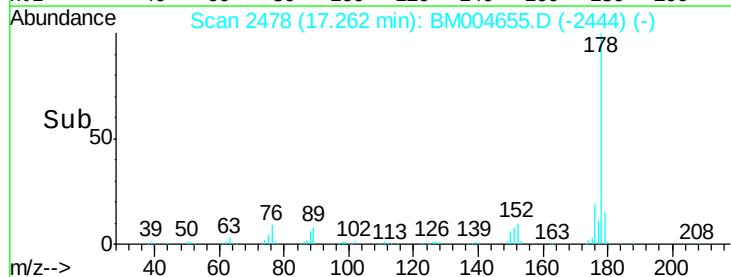
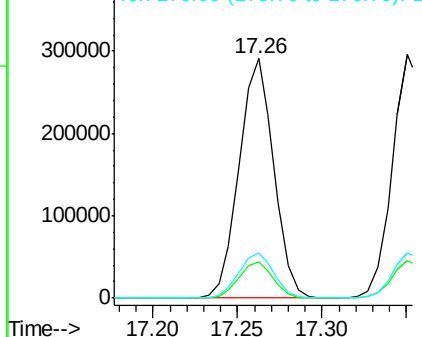


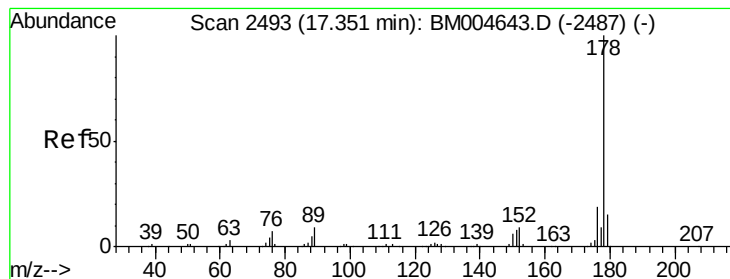
#70
 Phenanthrene
 Concen: 20.52 ng/ul
 RT: 17.26 min Scan# 2478
 Delta R.T. -0.00 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

Tgt Ion:178 Resp: 414384
 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: 20.64 ng/uL

RT: 17.35 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampleId :

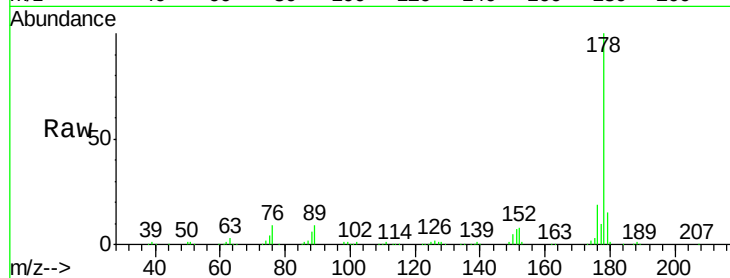
Tot Ion:178 Resp: 419622

Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

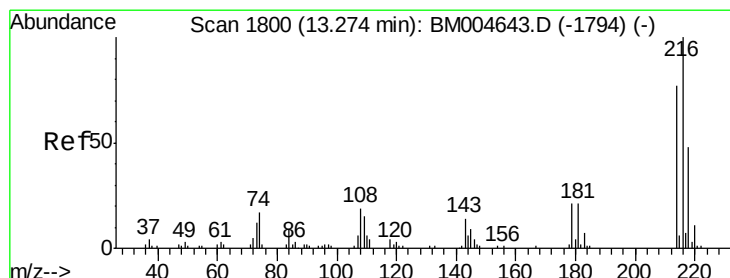
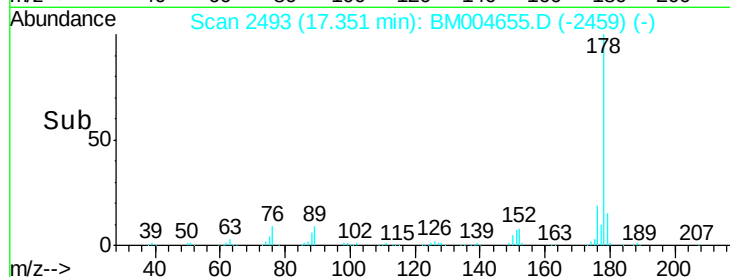
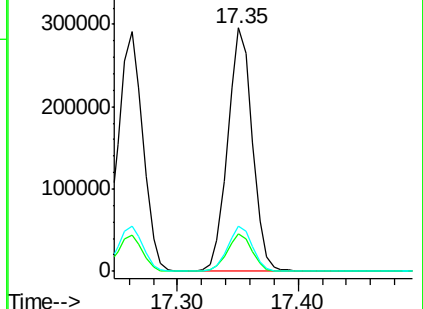
176 18.7 14.8 22.2



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: 20.69 ng/uL

RT: 13.27 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

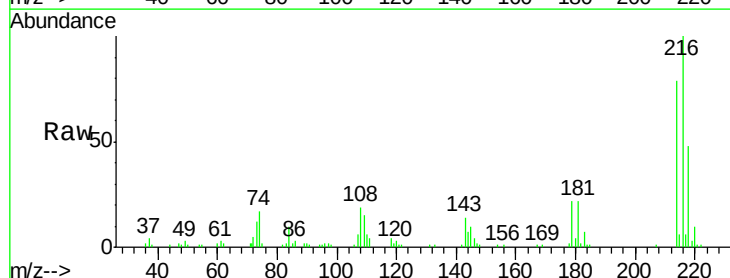
Tgt Ion:216 Resp: 100576

Ion Ratio Lower Upper

216 100

214 78.7 62.5 93.7

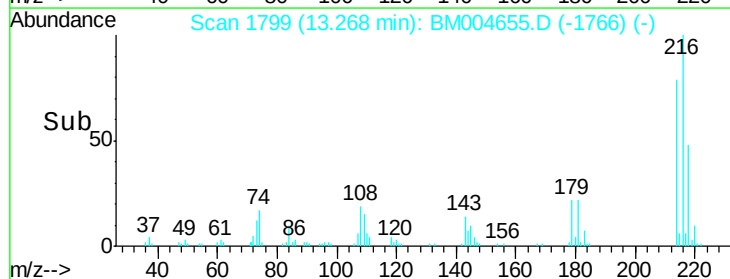
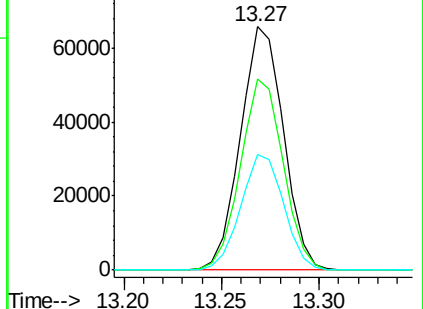
218 47.6 38.4 57.6

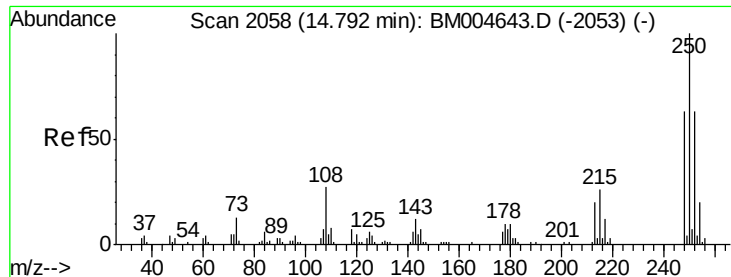


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

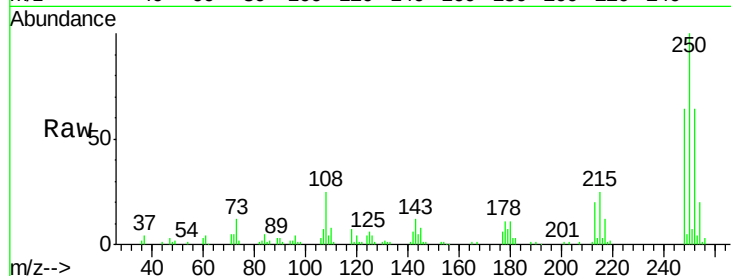




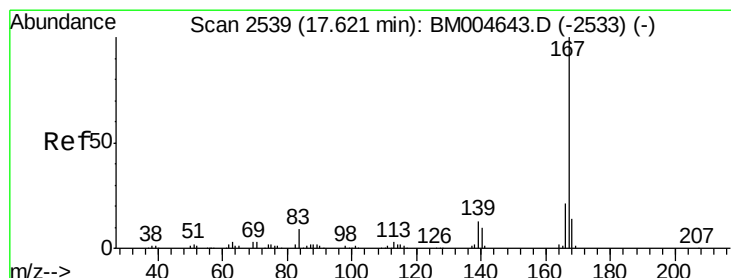
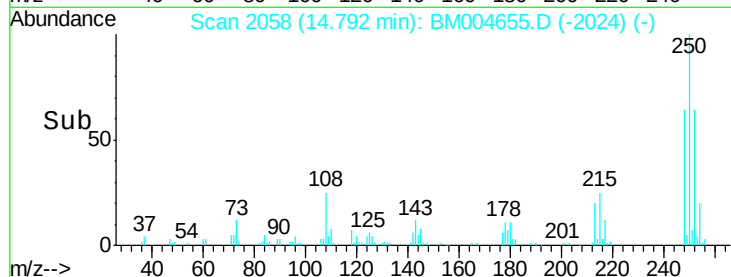
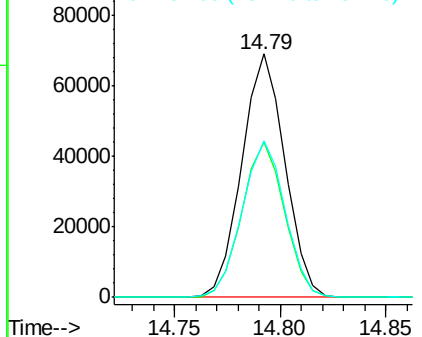
#74
 Pentachlorobenzene
 Concen: 20.85 ng/uL
 RT: 14.79 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:250 Resp: 97852
 Ion Ratio Lower Upper
 250 100
 248 63.5 50.6 75.8
 252 64.4 51.4 77.0

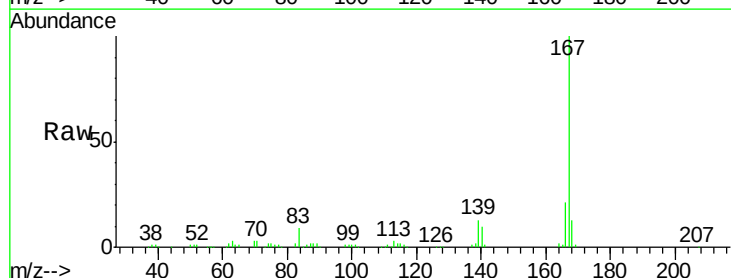


Abundance Ion 250.00 (249.70 to 250.70): E
 Ion 248.00 (247.70 to 248.70): E
 Ion 252.00 (251.70 to 252.70): E

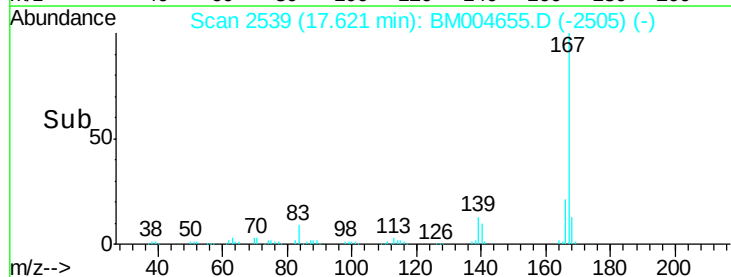
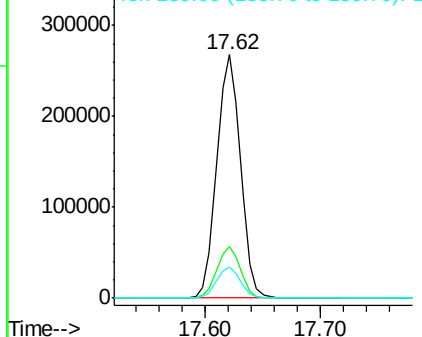


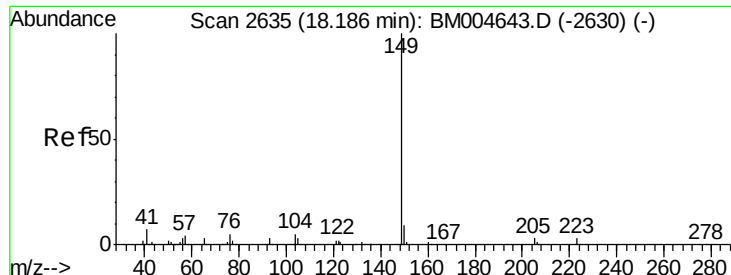
#75
 Carbazole
 Concen: 20.93 ng/uL
 RT: 17.62 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

Tgt Ion:167 Resp: 380412
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 13.0 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

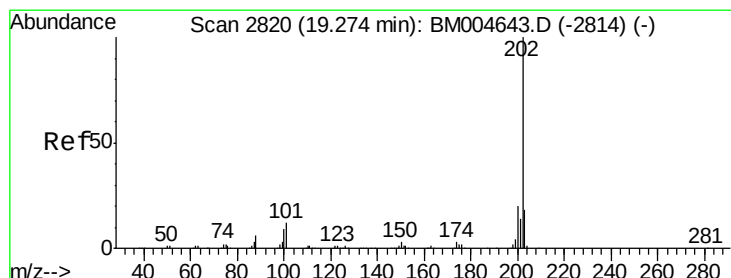
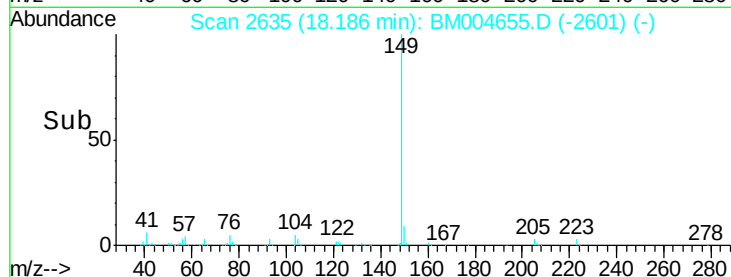
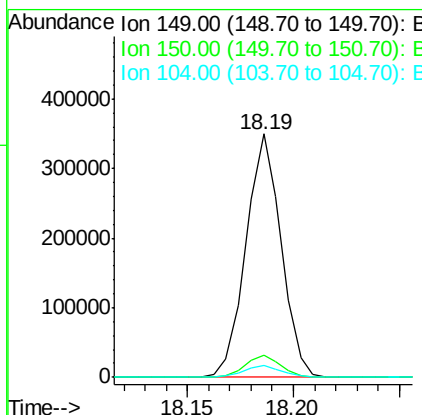
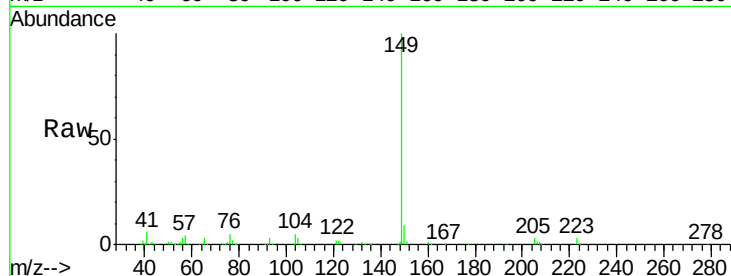




#76
Di-n-butylphthalate
Concen: 15.68 ng/ul
RT: 18.19 min Scan# 2635
Delta R.T. -0.00 min
Lab File: BM004655.D
Acq: 17 Mar 2016 03:10

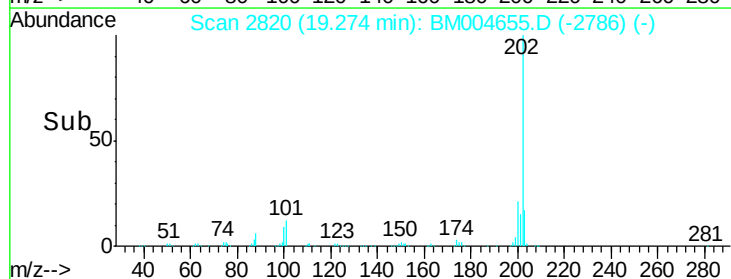
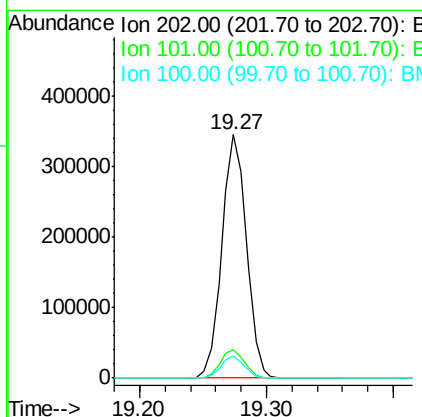
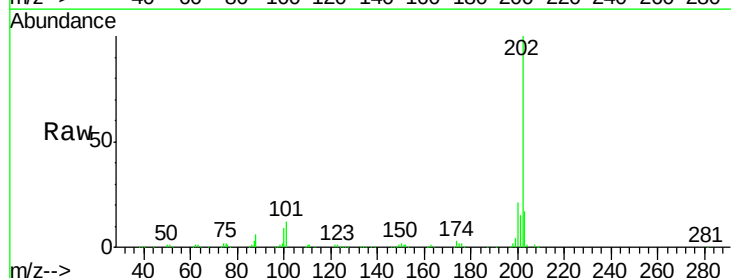
Instrument :
BNA_M
ClientSampleId :

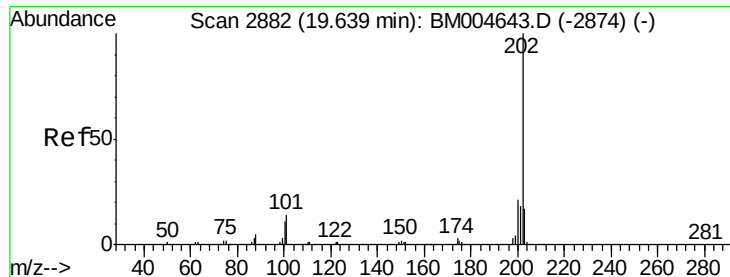
Tot Ion:149 Resp: 404186
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.0
104 4.9 4.0 6.0



#77
Fluoranthene
Concen: 20.89 ng/ul
RT: 19.27 min Scan# 2820
Delta R.T. -0.00 min
Lab File: BM004655.D
Acq: 17 Mar 2016 03:10

Tgt Ion:202 Resp: 465715
Ion Ratio Lower Upper
202 100
101 11.6 8.8 13.2
100 8.9 6.6 9.8

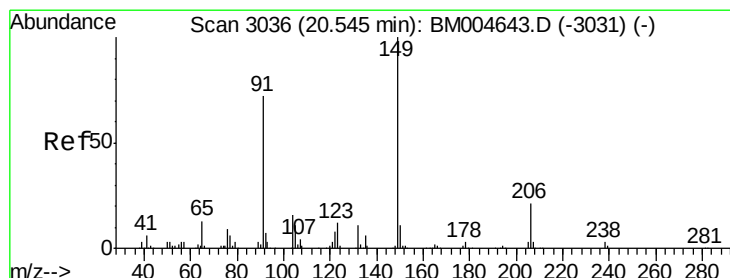
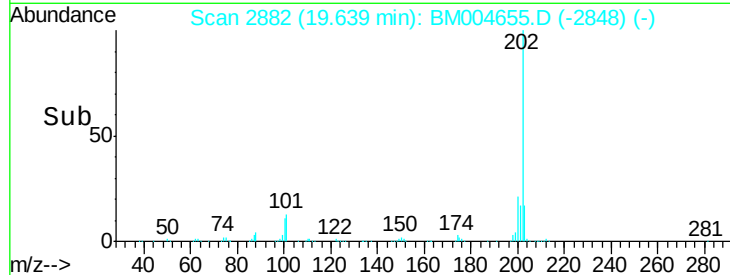
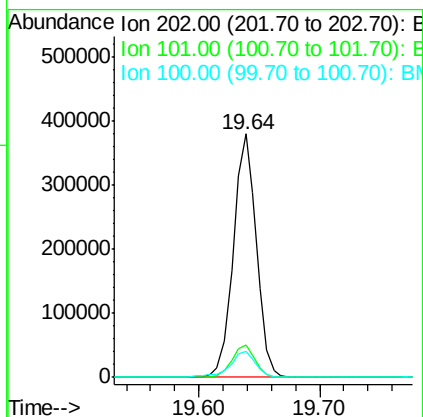
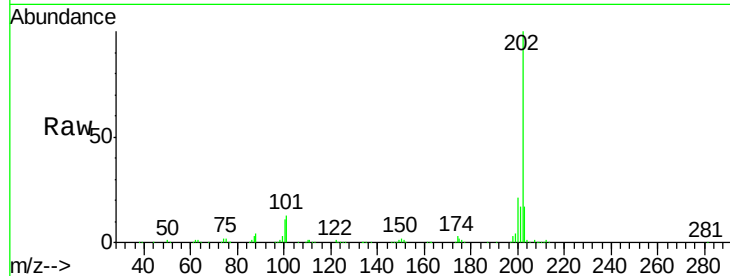




#80
Pvrene
Concen: 20.59 ng/ul
RT: 19.64 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BM004655.D
Acq: 17 Mar 2016 03:10

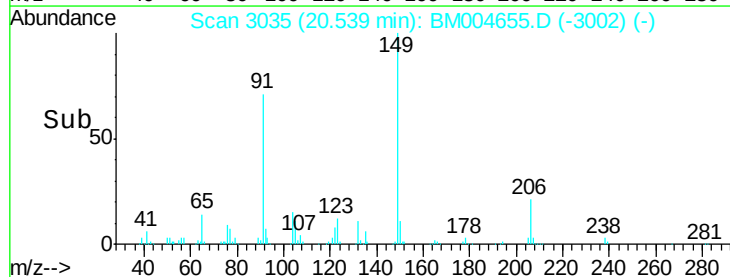
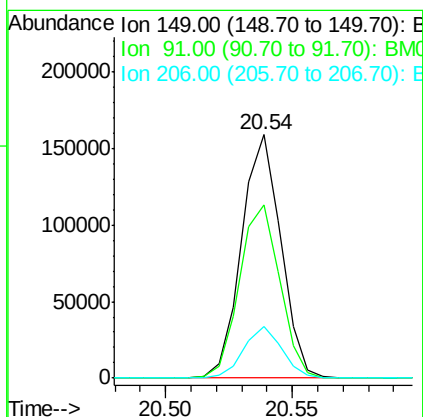
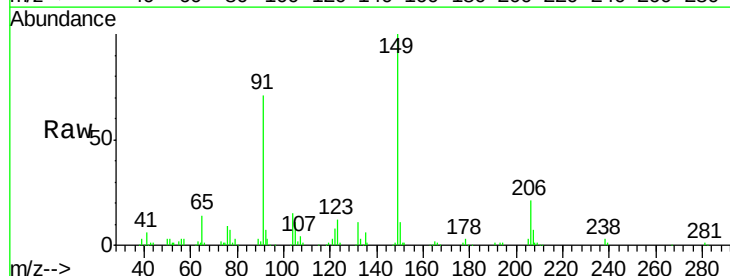
Instrument :
BNA_M
ClientSampleId :

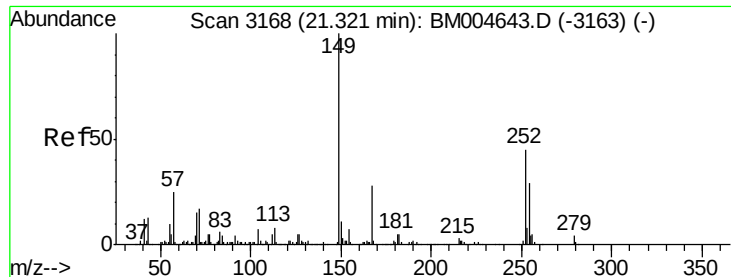
Tot Ion:202 Resp: 502950
Ion Ratio Lower Upper
202 100
101 13.1 10.2 15.2
100 10.5 8.5 12.7



#81
Butylbenzylphthalate
Concen: 17.61 ng/ul
RT: 20.54 min Scan# 3035
Delta R.T. -0.01 min
Lab File: BM004655.D
Acq: 17 Mar 2016 03:10

Tgt Ion:149 Resp: 171953
Ion Ratio Lower Upper
149 100
91 71.1 53.4 80.2
206 21.0 16.6 24.8





#82

3,3'-Dichlorobenzidine

Concen: 21.86 ng/ul

RT: 21.32 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampleId :

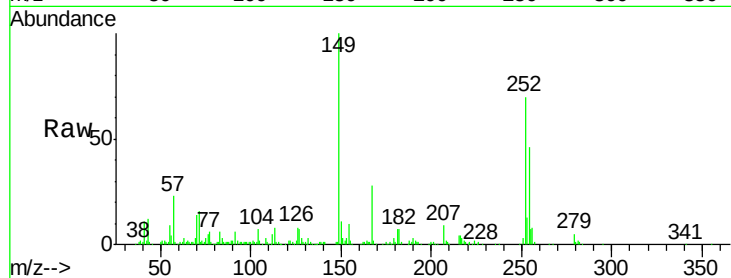
Tot Ion:252 Resp: 136037

Ion Ratio Lower Upper

252 100

254 65.0 52.2 78.2

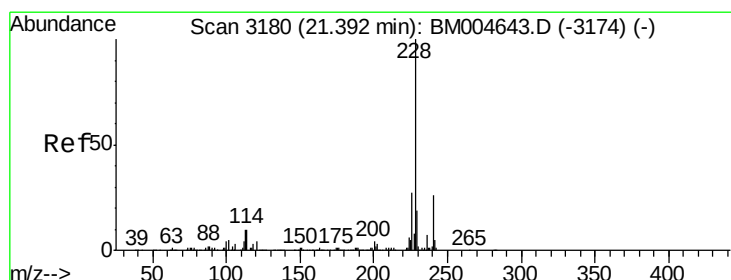
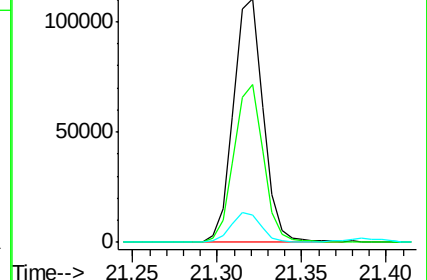
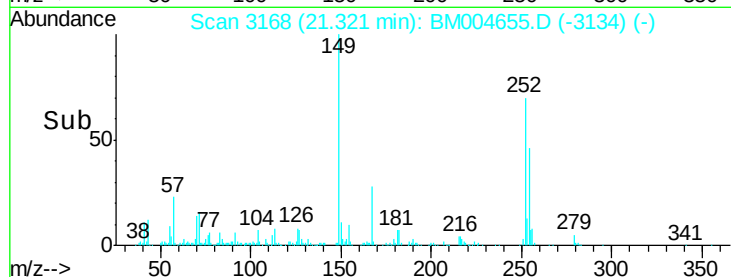
126 11.3 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 20.09 ng/ul

RT: 21.39 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

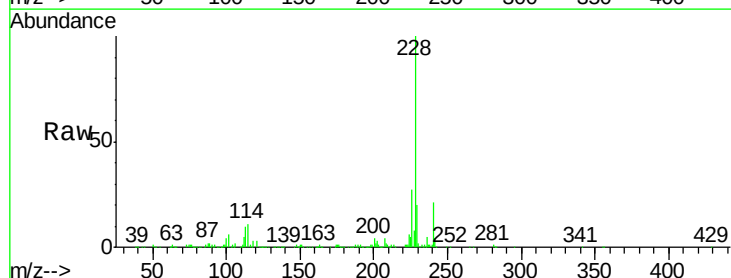
Tgt Ion:228 Resp: 472482

Ion Ratio Lower Upper

228 100

229 19.8 15.7 23.5

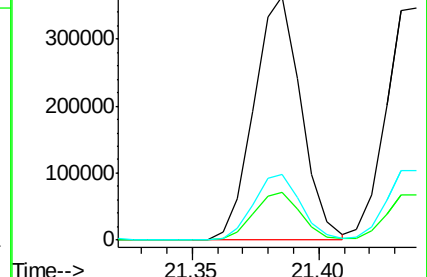
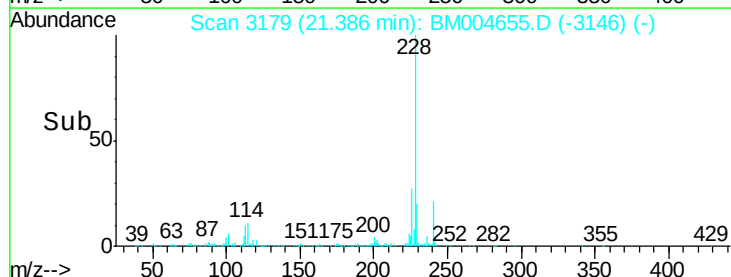
226 27.2 21.8 32.6

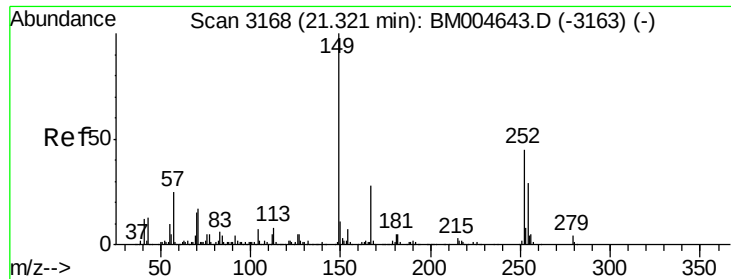


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

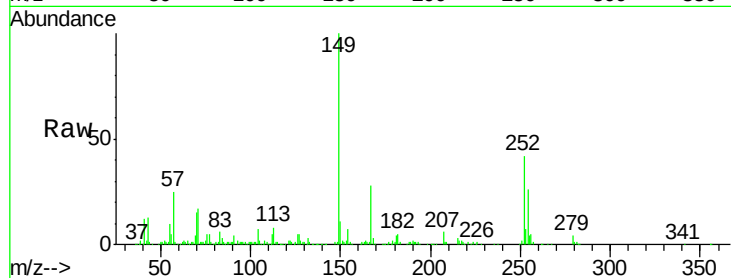




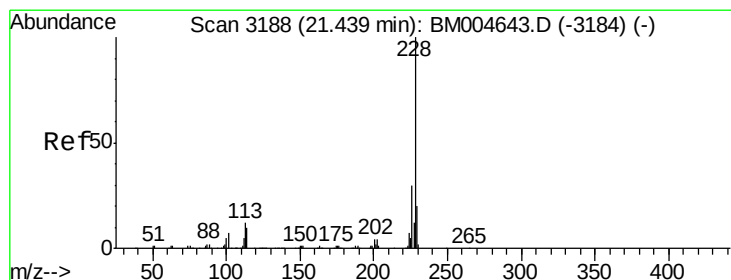
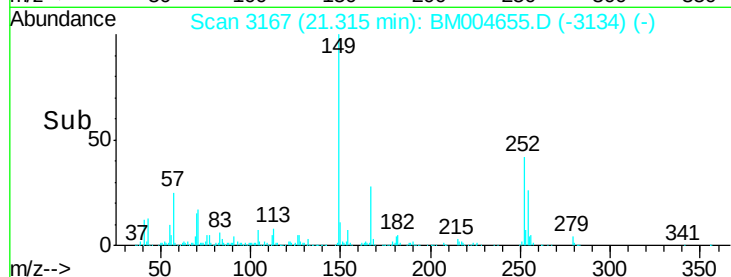
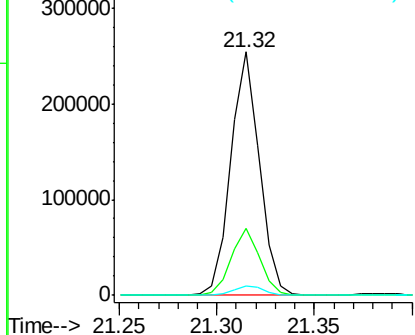
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 18.64 ng/ul
 RT: 21.32 min Scan# 3167
 Delta R.T. -0.01 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 258879
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.6 32.4
 279 3.9 3.0 4.4

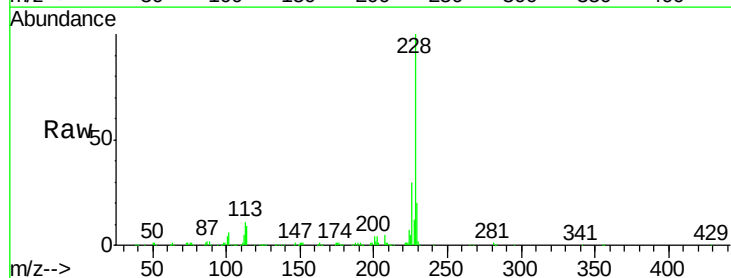


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

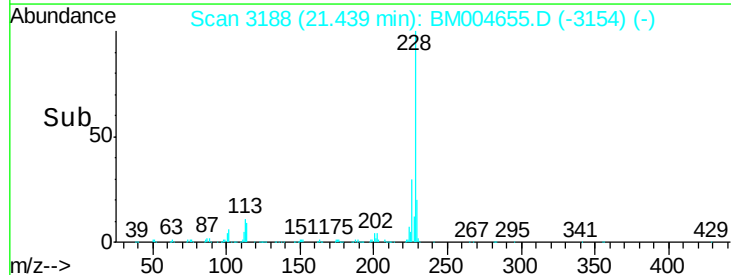
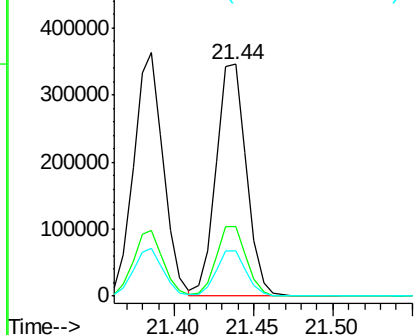


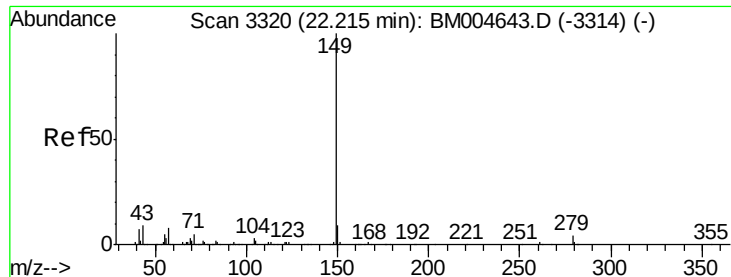
#85
 Chrysene
 Concen: 20.37 ng/ul
 RT: 21.44 min Scan# 3188
 Delta R.T. -0.00 min
 Lab File: BM004655.D
 Acq: 17 Mar 2016 03:10

Tgt Ion:228 Resp: 457624
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.0 36.0
 229 19.5 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

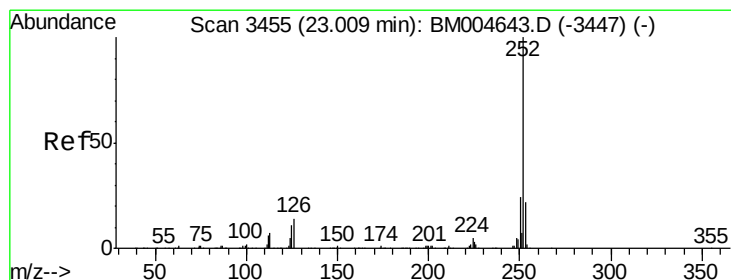
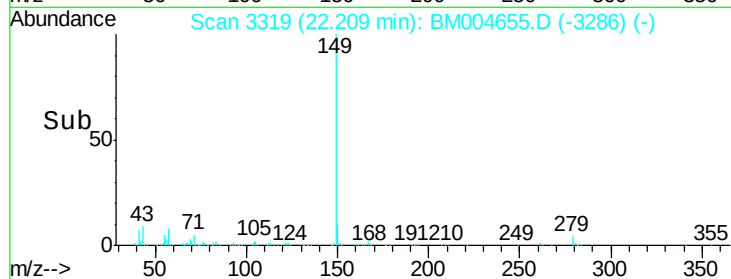
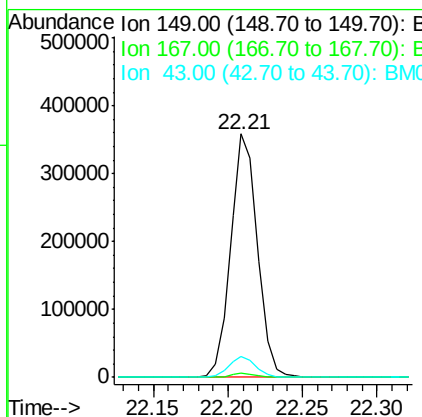
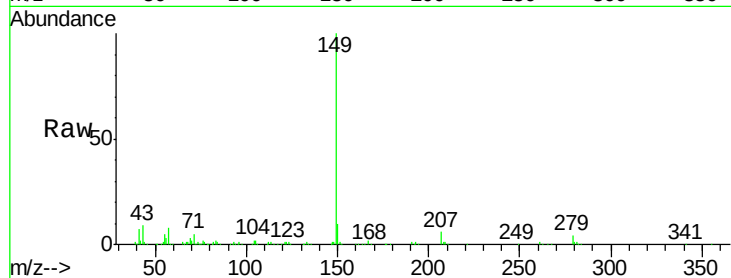




#87
Di-n-octyl phthalate
Concen: 19.05 ng/ul
RT: 22.21 min Scan# 3319
Delta R.T. -0.01 min
Lab File: BM004655.D
Acq: 17 Mar 2016 03:10

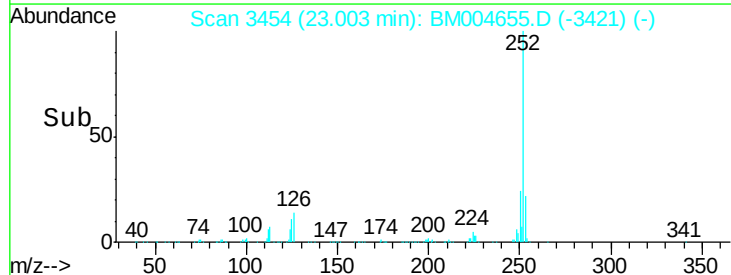
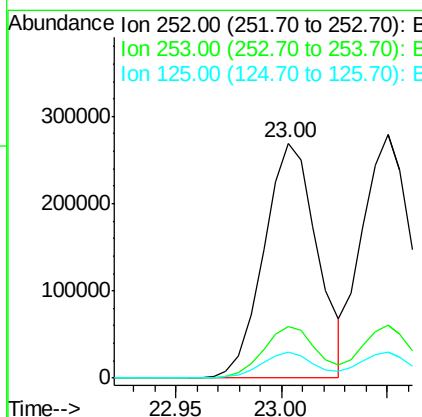
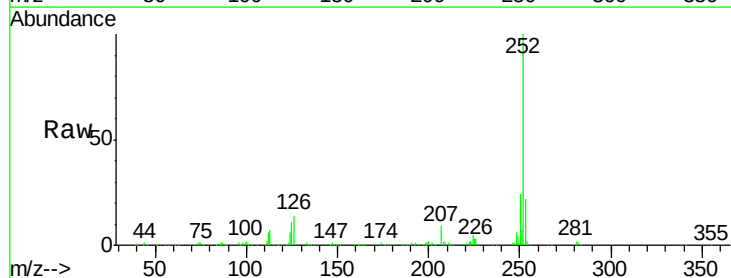
Instrument :
BNA_M
ClientSampleId :

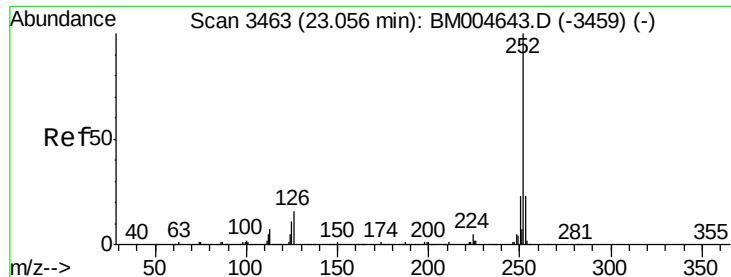
Tot Ion:149 Resp: 447097
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.7 5.6 8.4#



#88
Benzo(b)fluoranthene
Concen: 20.20 ng/ul
RT: 23.00 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM004655.D
Acq: 17 Mar 2016 03:10

Tgt Ion:252 Resp: 473082
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 10.9 8.5 12.7





#89

Benzo(k)fluoranthene

Concen: 20.50 ng/ul

RT: 23.05 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampleId :

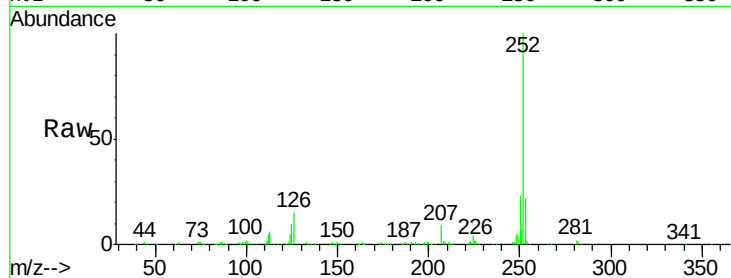
Tot Ion:252 Resp: 456571

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

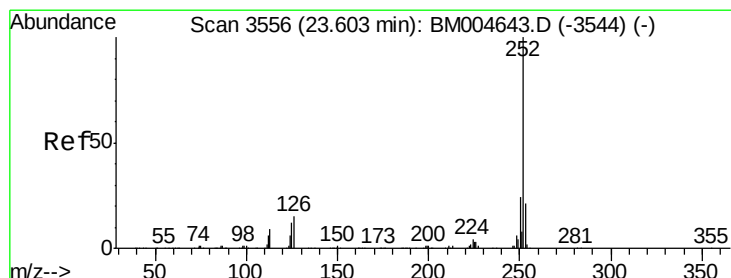
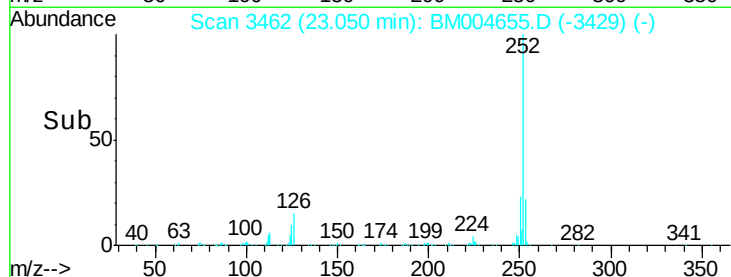
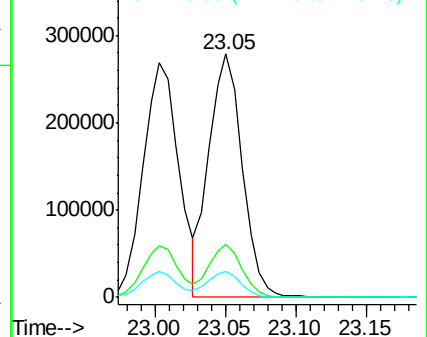
125 10.5 8.2 12.2



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



#91

Benzo(a)pyrene

Concen: 20.31 ng/ul

RT: 23.60 min Scan# 3555

Delta R.T. -0.01 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

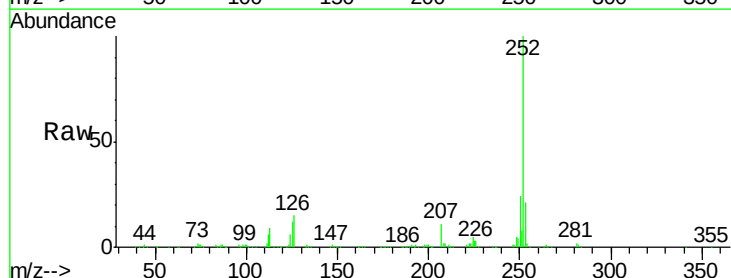
Tgt Ion:252 Resp: 455741

Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

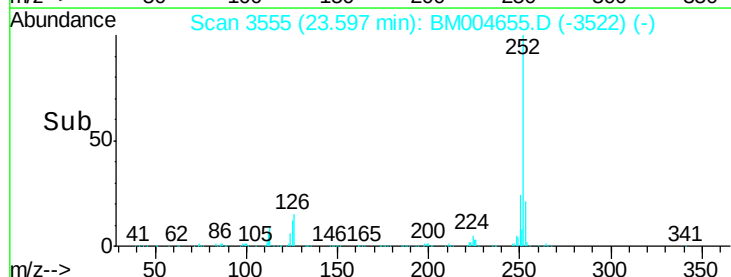
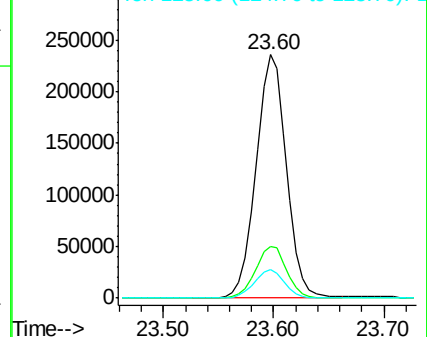
125 11.6 9.0 13.6

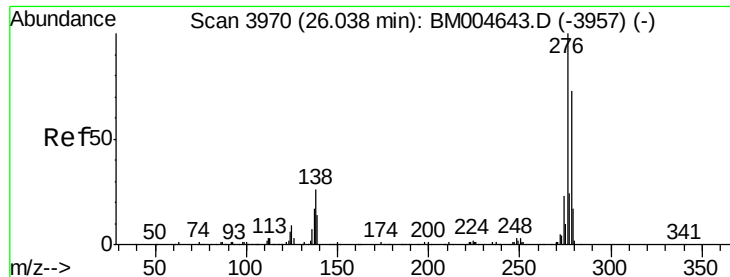


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 19.86 ng/ul

RT: 26.03 min Scan# 3968

Delta R.T. -0.01 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampleId :

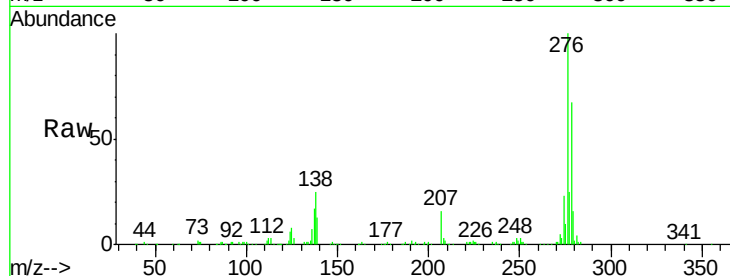
Tot Ion:276 Resp: 500979

Ion Ratio Lower Upper

276 100

138 25.1 22.3 33.5

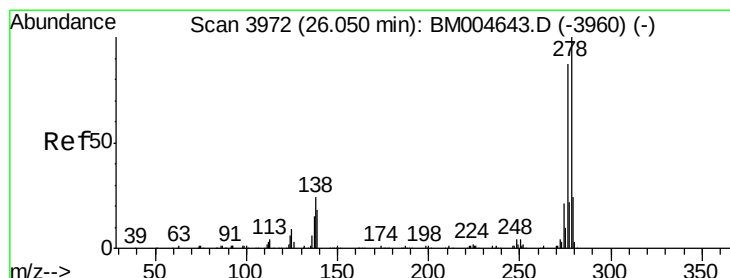
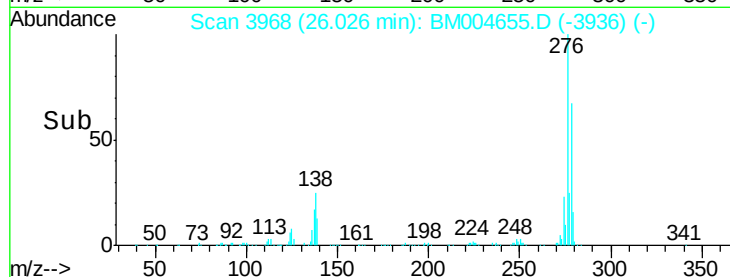
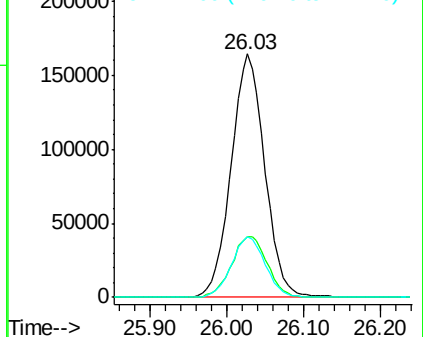
277 24.8 20.2 30.2



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



#93

Dibenzo(a,h)anthracene

Concen: 20.12 ng/ul

RT: 26.04 min Scan# 3970

Delta R.T. -0.01 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

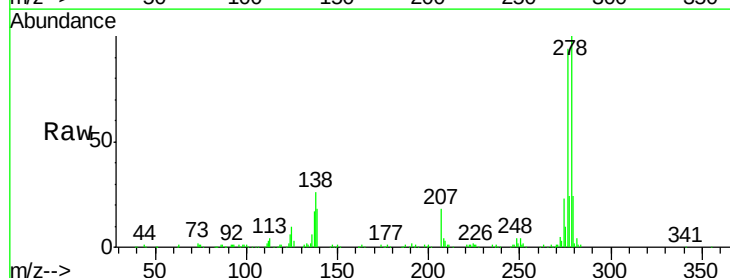
Tgt Ion:278 Resp: 420233

Ion Ratio Lower Upper

278 100

139 17.6 13.9 20.9

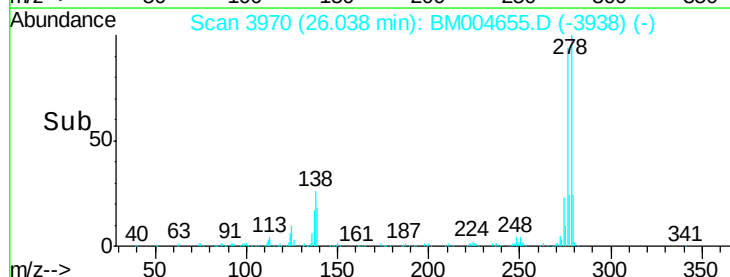
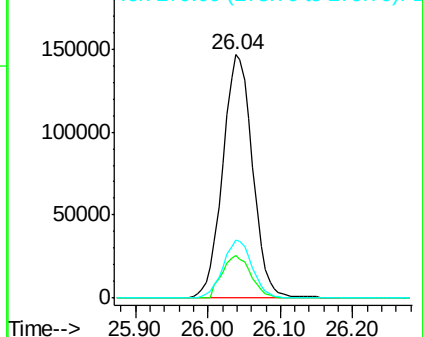
279 23.8 19.0 28.4

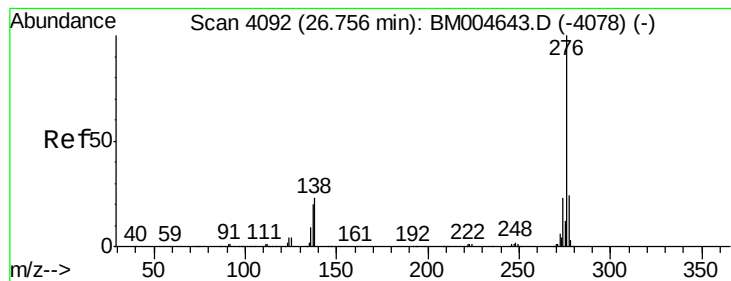


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 19.77 ng/ul

RT: 26.74 min Scan# 4089

Delta R.T. -0.02 min

Lab File: BM004655.D

Acq: 17 Mar 2016 03:10

Instrument :

BNA_M

ClientSampleId :

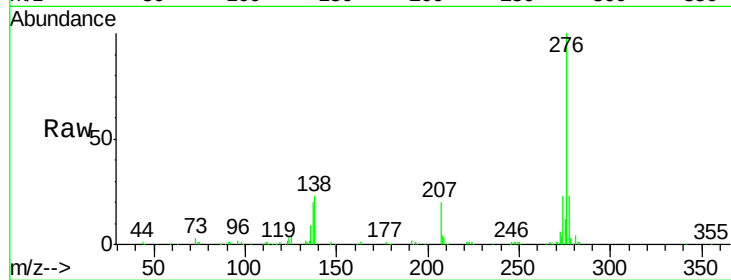
Tot Ion: 276 Resp: 422566

Ion Ratio Lower Upper

276 100

138 23.4 18.9 28.3

277 23.0 19.2 28.8



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

