

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022616\
 Data File : BM004424.D
 Acq On : 26 Feb 2016 11:02
 Operator : SJ/UM
 Sample : H1564-25
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9R21

Quant Time: Feb 26 23:24:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 26 23:20:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	21109	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	92427	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	51701	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	107131	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	106355	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	106494	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	2912	7.27	ng/uL	0.00
5) Phenol-d5	6.80	99	62419	35.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	32456	36.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	57250	37.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	54642	34.55	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	27540	39.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	30989	38.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	54486	37.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	64452	35.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	162519	36.65	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	203015	39.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	21019	29.49	ng/ul	0.00
58) Fluorene-d10	15.27	176	139357	36.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	24847	37.76	ng/ul	0.00
71) Anthracene-d10	17.13	188	204387	38.94	ng/ul	0.00
79) Pyrene-d10	19.44	212	211079	41.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	220528	39.46	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.83	94	37560	19.90	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.05	93	85662	61.31	ng/ul	95
11) 2-Methylphenol	8.07	108	90794	58.99	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.43	70	68607	57.61	ng/ul	94
16) 4-Methylphenol	8.40	108	97526	57.78	ng/ul	86
17) Hexachloroethane	8.68	117	25478	42.26	ng/ul	90
21) Isophorone	9.33	82	127441	40.00	ng/ul	98
24) 2,4-Dimethylphenol	9.60	107	79798	44.31	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.82	93	96793	50.41	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	26772	17.54	ng/ul	98
28) Naphthalene	10.45	128	132518	25.71	ng/ul	100
31) Hexachlorobutadiene	10.73	225	65571	68.44	ng/ul	98
32) Caprolactam	11.33	113	18492	34.79	ng/ul	87
35) 1-Methylnaphthalene	12.30	142	173494	47.30	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	79506	46.25	ng/ul	98
38) Hexachlorocyclopentadiene	12.42	237	24177	37.71	ng/ul	100
40) 2,4,5-Trichlorophenol	12.79	196	50938	42.00	ng/ul	98
42) 2-Chloronaphthalene	13.15	162	78583	23.25	ng/ul	98
45) Dimethylphthalate	13.74	163	96354	20.84	ng/ul	100
48) Acenaphthylene	14.00	152	144011	25.50	ng/ul	99
49) 3-Nitroaniline	14.20	138	49360	53.65	ng/ul	97
50) Acenaphthene	14.34	153	143084	37.10	ng/ul	98
51) 2,4-Dinitrophenol	14.43	184	18285	43.46	ng/ul	95

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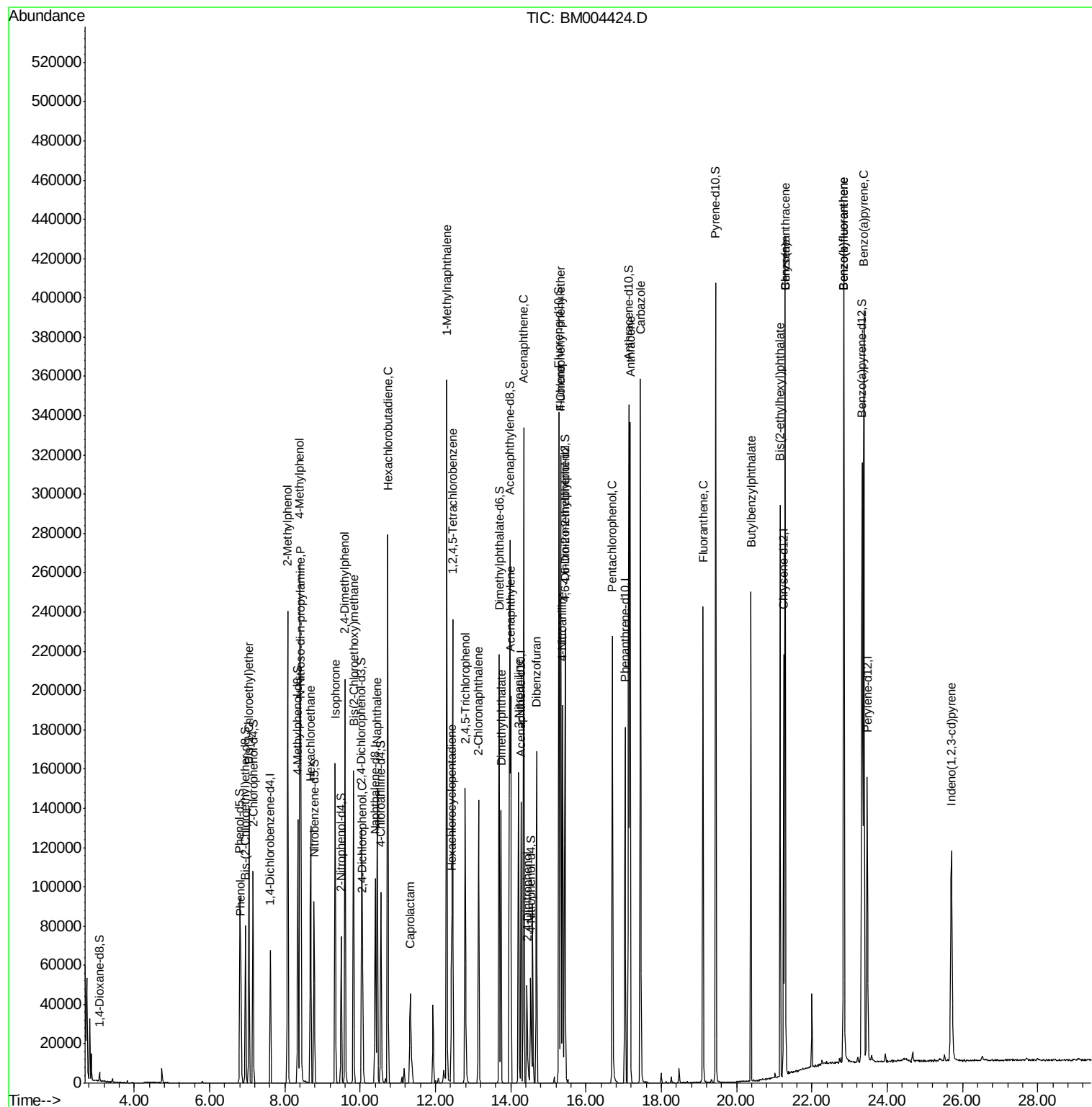
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) Dibenzofuran	14.68	168	115155	21.38	ng/ul	97
59) Fluorene	15.33	166	37403	8.38	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	76268	34.82	ng/ul	93
61) 4-Nitroaniline	15.37	138	63019	63.55	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.44	198	54687	77.13	ng/ul#	92
69) Pentachlorophenol	16.70	266	46328	90.47	ng/ul	100
72) Anthracene	17.17	178	222907	34.10	ng/ul	100
75) Carbazole	17.45	167	239002	41.95	ng/ul	99
77) Fluoranthene	19.10	202	147830	20.28	ng/ul	100
81) Butylbenzylphthalate	20.37	149	78949	25.81	ng/ul	95
83) Benzo(a)anthracene	21.29	228	226790	33.14	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.15	149	116284	25.72	ng/ul	99
85) Chrysene	21.29	228	231597	35.19	ng/ul	99
88) Benzo(b)fluoranthene	22.84	252	289943	40.29	ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	294182	43.38	ng/ul	99
91) Benzo(a)pyrene	23.37	252	284851	42.60	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.70	276	126763	20.27	ng/ul#	93

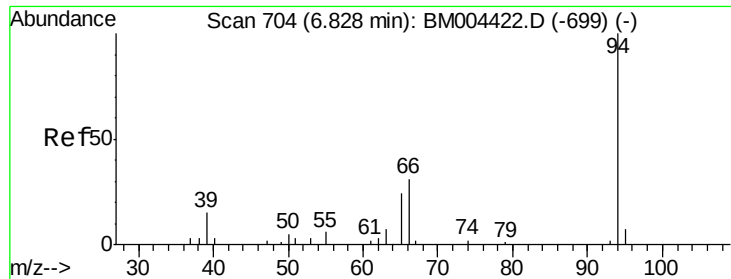
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 19.90 ng/ul

RT: 6.83 min Scan# 705

Delta R.T. 0.01 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

Instrument :

BNA_M

ClientSampleId :

D9R21

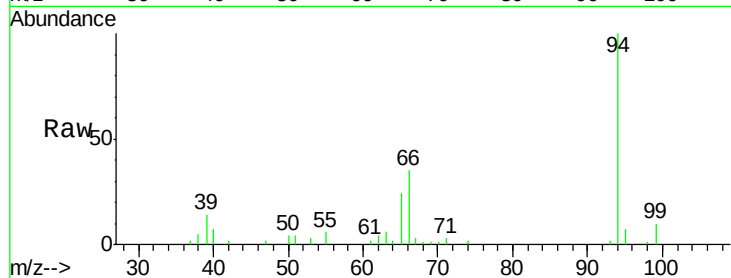
Tgt Ion: 94 Resp: 37560

Ion Ratio Lower Upper

94 100

65 24.2 21.0 31.6

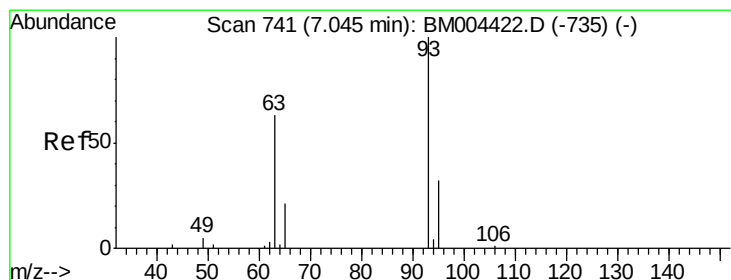
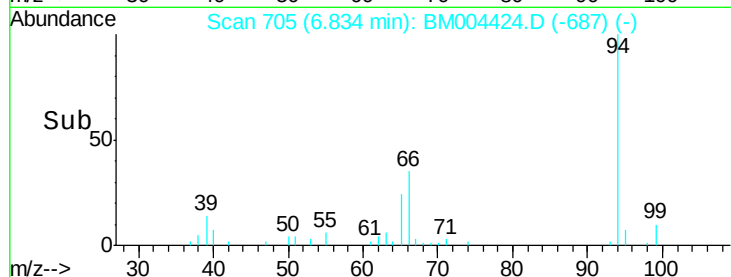
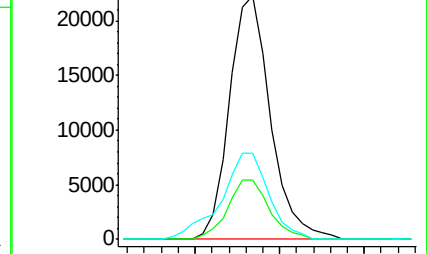
66 35.3 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004422.D (-699) (-)

Ion 65.00 (64.70 to 65.70): BM004422.D (-699) (-)

Ion 66.00 (65.70 to 66.70): BM004422.D (-699) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 61.31 ng/ul

RT: 7.05 min Scan# 741

Delta R.T. 0.00 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

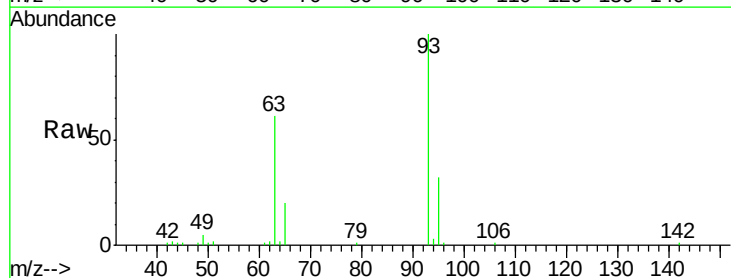
Tgt Ion: 93 Resp: 85662

Ion Ratio Lower Upper

93 100

63 60.8 53.5 80.3

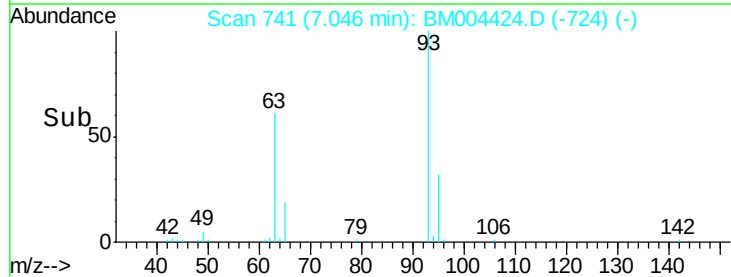
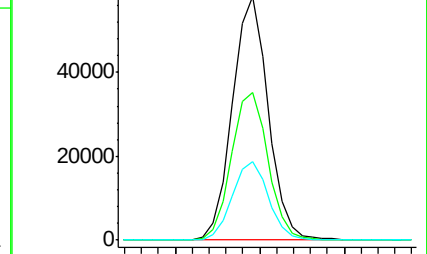
95 32.4 26.2 39.2

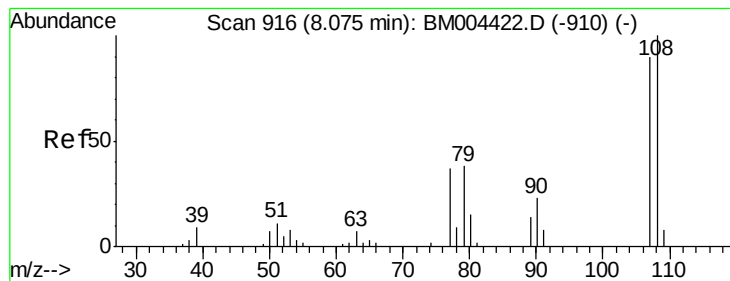


Abundance Ion 93.00 (92.70 to 93.70): BM004422.D (-735) (-)

Ion 63.00 (62.70 to 63.70): BM004422.D (-735) (-)

Ion 95.00 (94.70 to 95.70): BM004422.D (-735) (-)





#11

2-Methylphenol

Concen: 58.99 ng/ul

RT: 8.07 min Scan# 915

Delta R.T. -0.01 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

Instrument :

BNA_M

ClientSampleId :

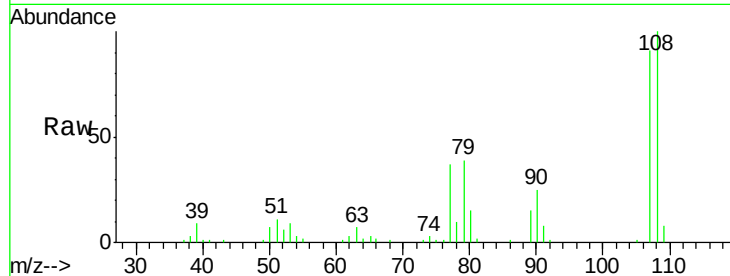
D9R21

Tgt Ion:108 Resp: 90794

Ion Ratio Lower Upper

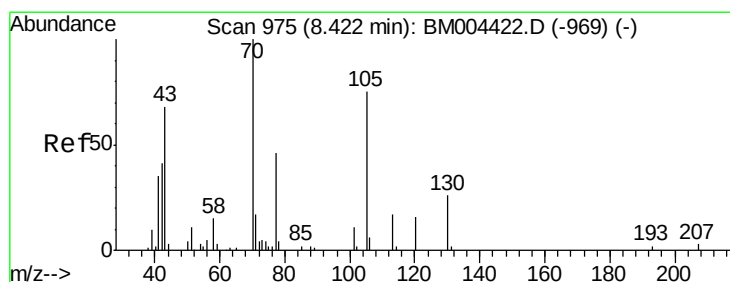
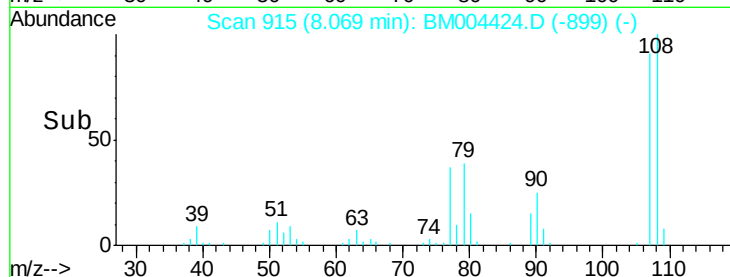
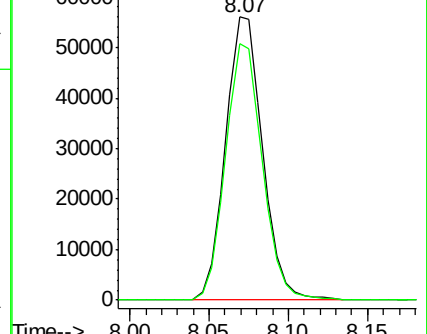
108 100

107 90.6 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#15

N-Nitroso-di-n-propylamine

Concen: 57.61 ng/ul

RT: 8.43 min Scan# 976

Delta R.T. 0.01 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

Tgt Ion: 70 Resp: 68607

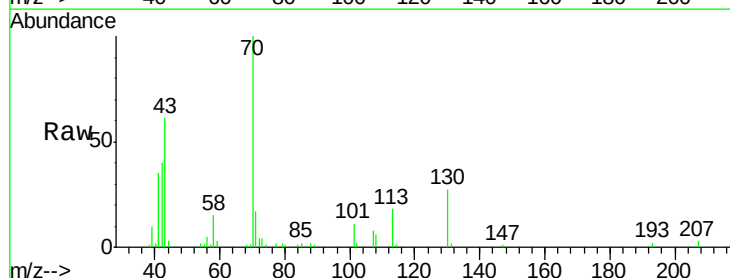
Ion Ratio Lower Upper

70 100

42 40.1 35.4 53.0

101 11.2 8.4 12.6

130 26.8 18.2 27.4

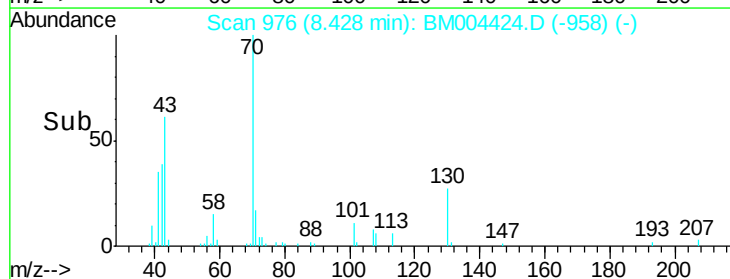
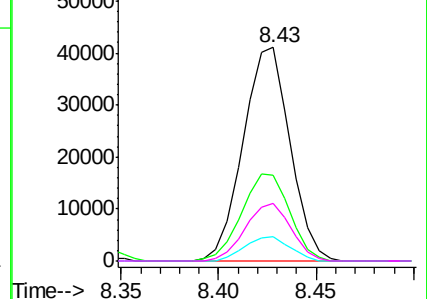


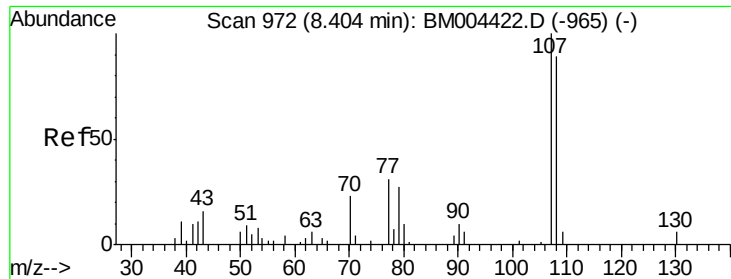
Abundance Ion 70.00 (69.70 to 70.70): BM0

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

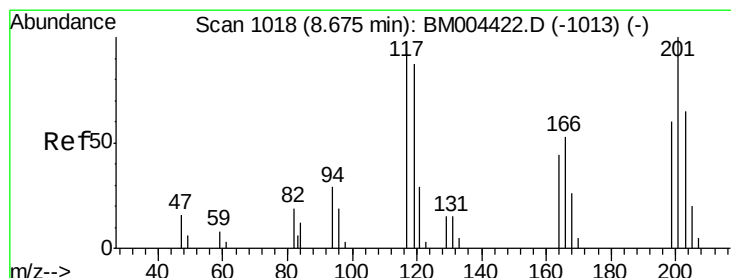
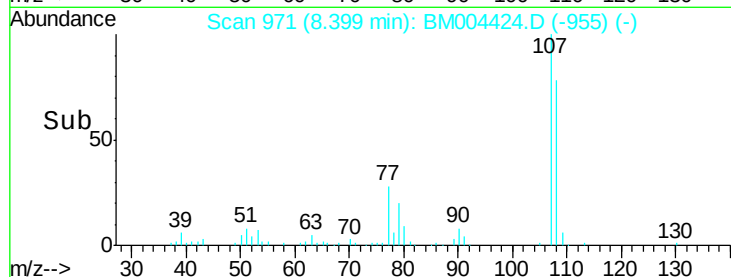
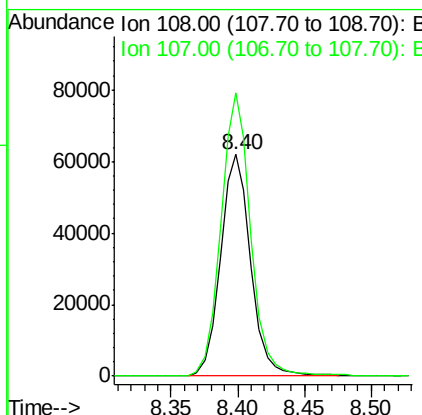
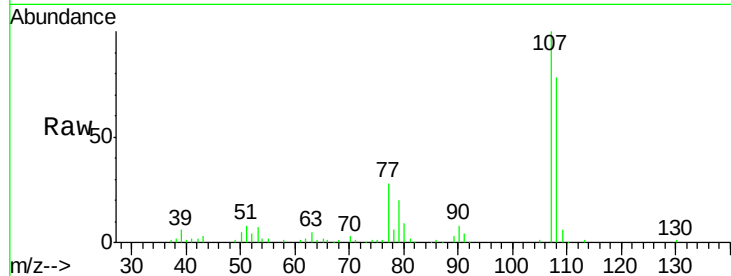




#16
4-Methylphenol
Concen: 57.78 ng/ul
RT: 8.40 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM004424.D
Acq: 26 Feb 2016 11:02

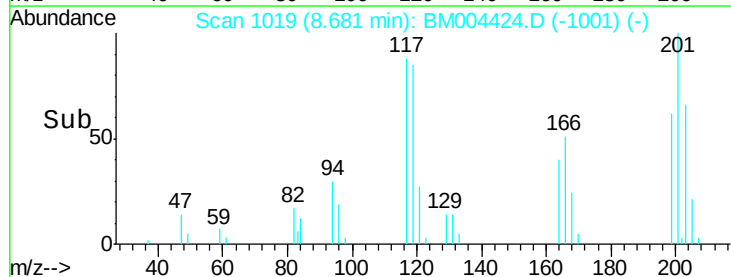
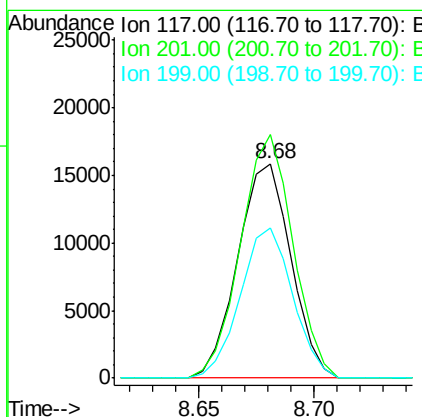
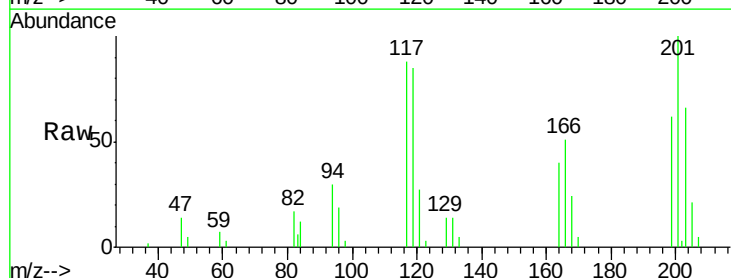
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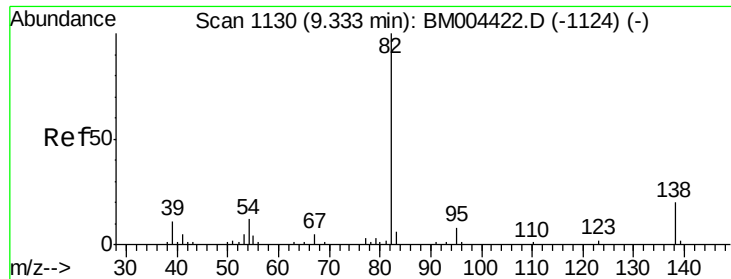
Tgt Ion:108 Resp: 97526
Ion Ratio Lower Upper
108 100
107 127.7 90.3 135.5



#17
Hexachloroethane
Concen: 42.26 ng/ul
RT: 8.68 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BM004424.D
Acq: 26 Feb 2016 11:02

Tgt Ion:117 Resp: 25478
Ion Ratio Lower Upper
117 100
201 113.4 81.5 122.3
199 69.9 50.6 76.0





#21

Isophorone

Concen: 40.00 ng/ul

RT: 9.33 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

Instrument :

BNA_M

ClientSampleId :

D9R21

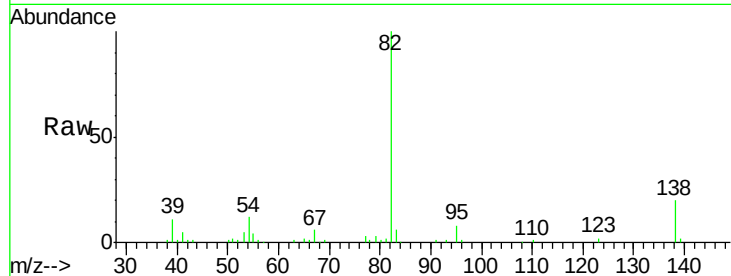
Tgt Ion: 82 Resp: 127441

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

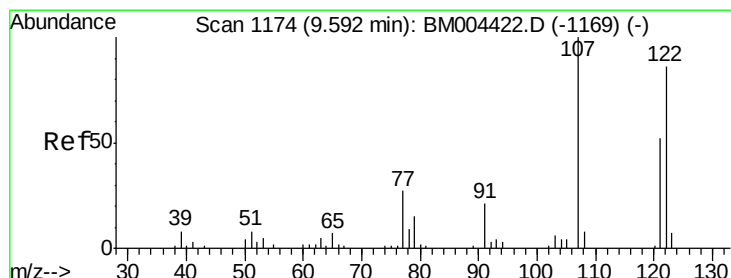
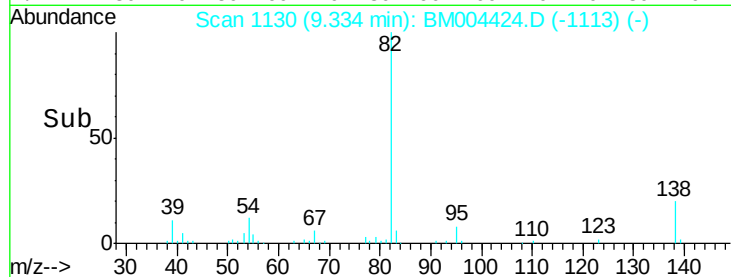
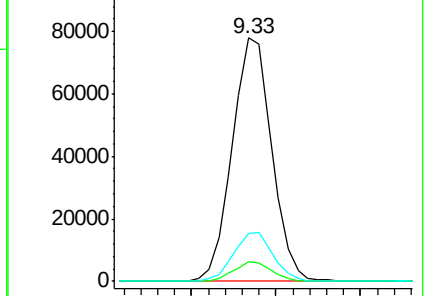
138 19.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BM004422.D (-1124) (-)

Ion 95.00 (94.70 to 95.70): BM004422.D (-1124) (-)

Ion 138.00 (137.70 to 138.70): BM004422.D (-1124) (-)



#24

2,4-Dimethylphenol

Concen: 44.31 ng/ul

RT: 9.60 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

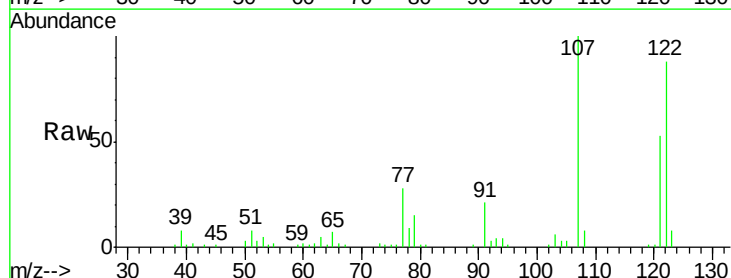
Tgt Ion: 107 Resp: 79798

Ion Ratio Lower Upper

107 100

121 53.3 40.6 61.0

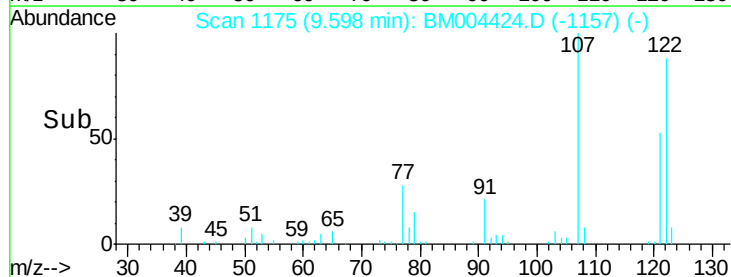
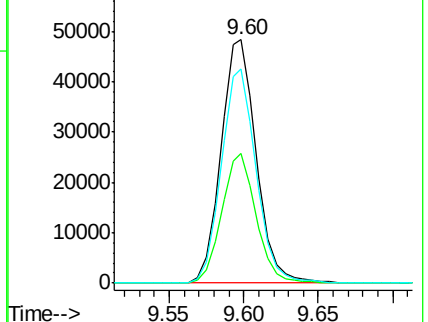
122 87.9 67.8 101.6

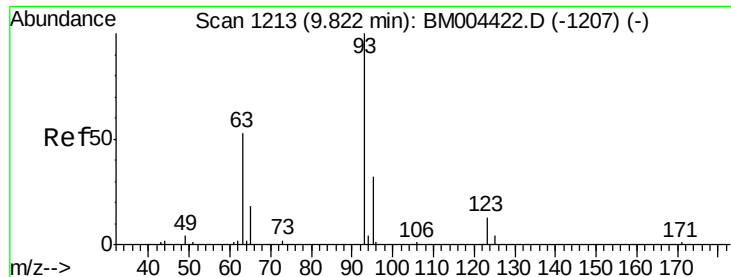


Abundance Ion 107.00 (106.70 to 107.70): BM004422.D (-1169) (-)

Ion 121.00 (120.70 to 121.70): BM004422.D (-1169) (-)

Ion 122.00 (121.70 to 122.70): BM004422.D (-1169) (-)





#25

Bis(2-Chloroethoxy)methane

Concen: 50.41 ng/ul

RT: 9.82 min Scan# 1213

Delta R.T. 0.00 min

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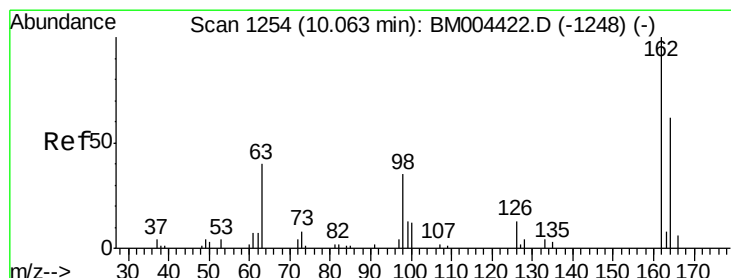
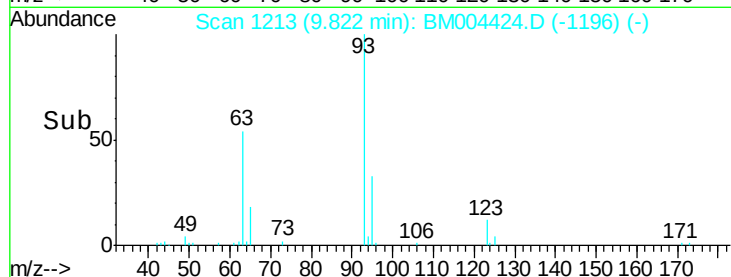
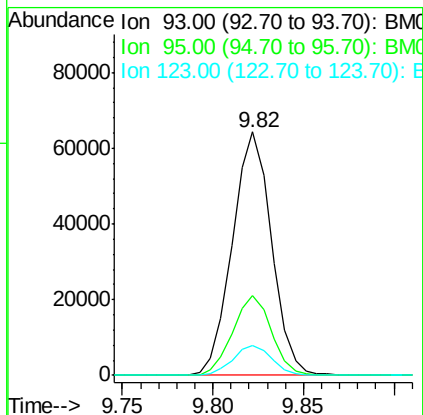
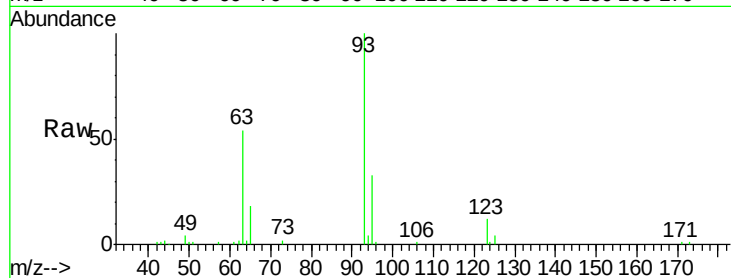
Tgt Ion: 93 Resp: 96793

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

123 12.3 9.8 14.8



#27

2,4-Dichlorophenol

Concen: 17.54 ng/ul

RT: 10.06 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

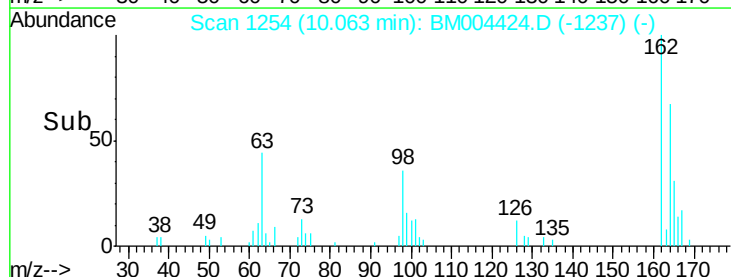
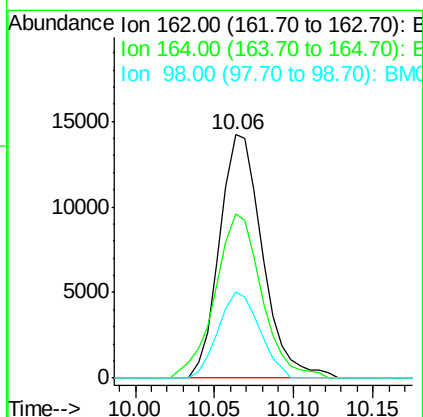
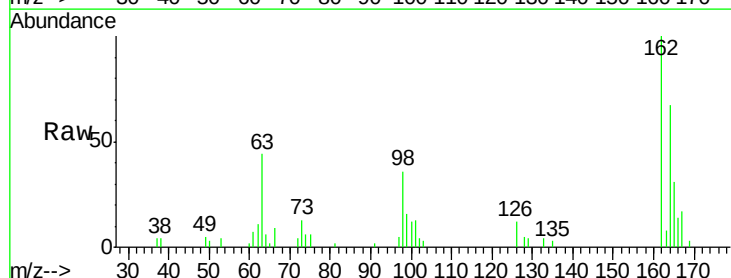
Tgt Ion: 162 Resp: 26772

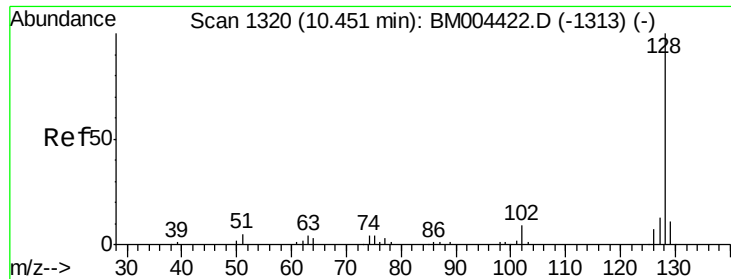
Ion Ratio Lower Upper

162 100

164 67.4 52.1 78.1

98 35.5 28.4 42.6

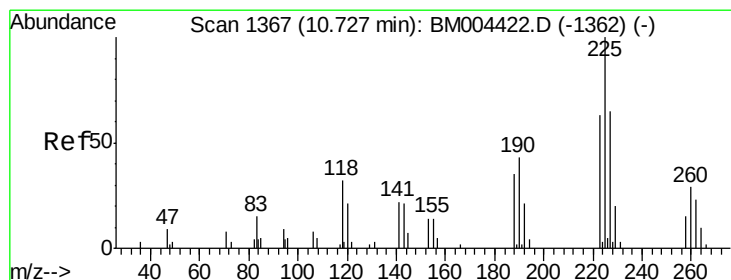
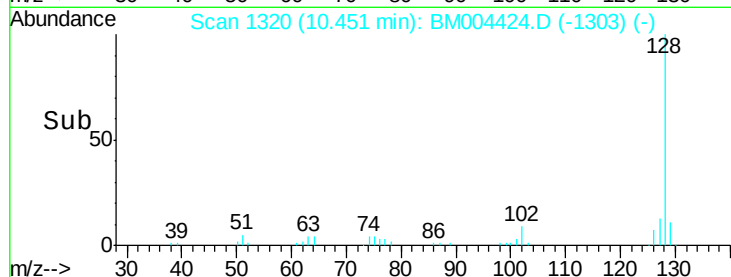
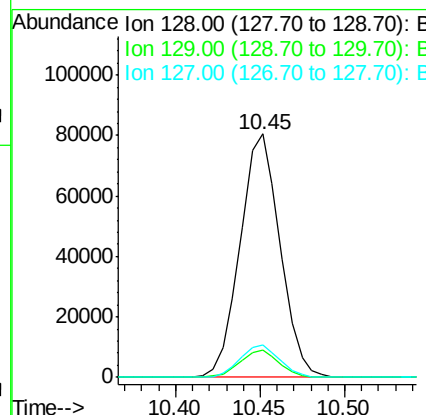
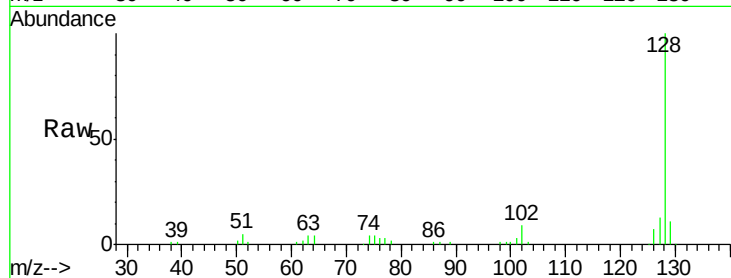




#28
Naphthalene
Concen: 25.71 ng/ul
RT: 10.45 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM004424.D
Acq: 26 Feb 2016 11:02

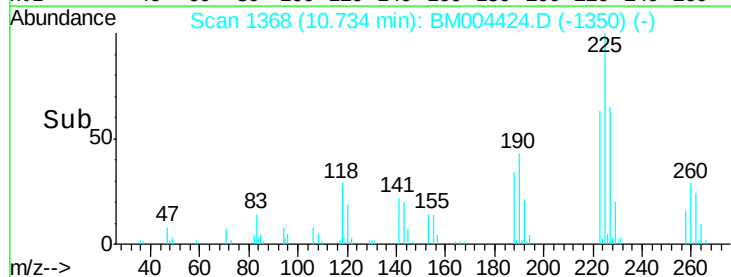
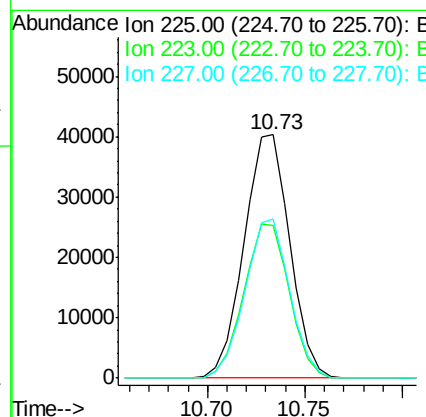
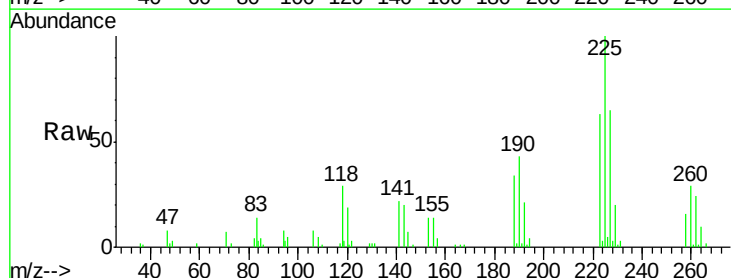
Instrument :
BNA_M
ClientSampleId :
D9R21

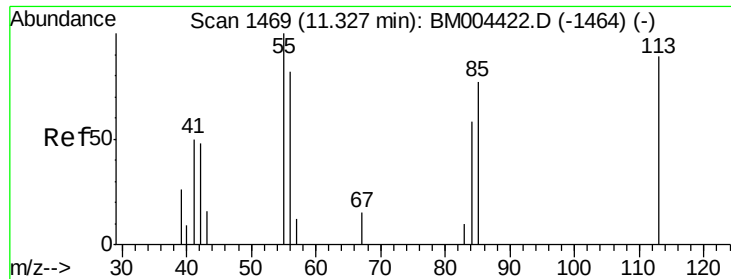
Tgt Ion:128 Resp: 132518
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.5 15.7



#31
Hexachlorobutadiene
Concen: 68.44 ng/ul
RT: 10.73 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BM004424.D
Acq: 26 Feb 2016 11:02

Tgt Ion:225 Resp: 65571
Ion Ratio Lower Upper
225 100
223 62.7 51.4 77.2
227 65.3 50.7 76.1





#32

Caprolactam

Concen: 34.79 ng/ul

RT: 11.33 min Scan# 1469

Delta R.T. 0.00 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

Instrument :

BNA_M

ClientSampleId :

D9R21

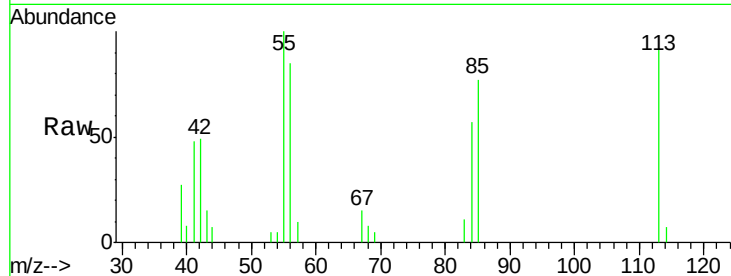
Tgt Ion:113 Resp: 18492

Ion Ratio Lower Upper

113 100

55 109.0 101.9 152.9

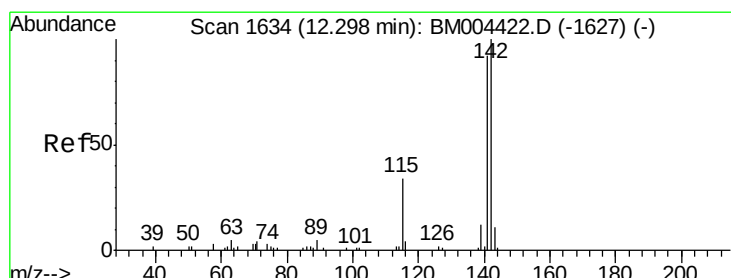
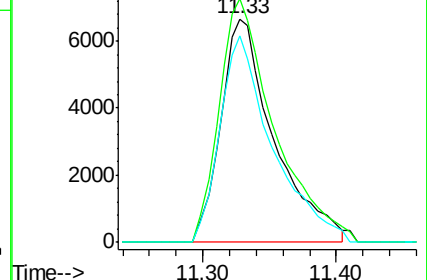
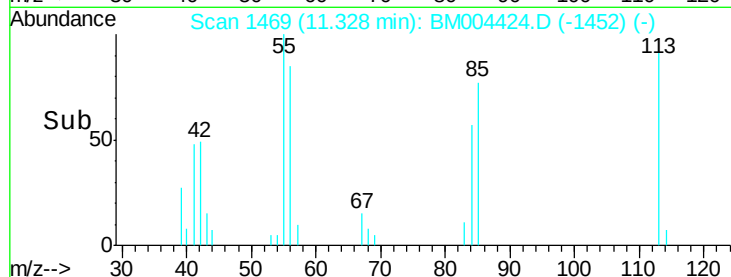
56 92.2 81.2 121.8



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



#35

1-Methylnaphthalene

Concen: 47.30 ng/ul

RT: 12.30 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

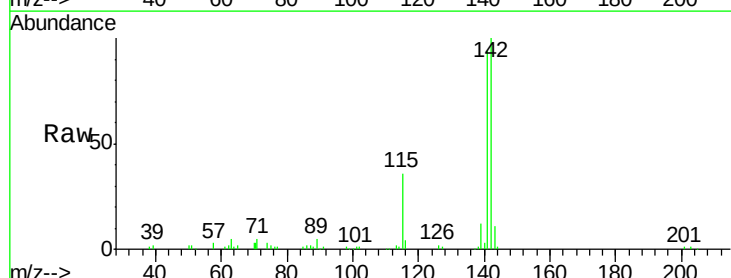
Tgt Ion:142 Resp: 173494

Ion Ratio Lower Upper

142 100

141 94.0 74.9 112.3

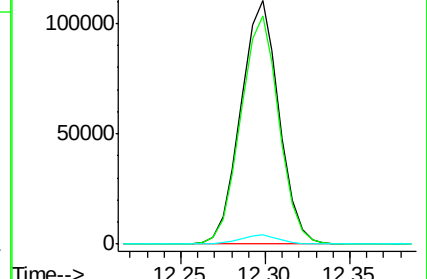
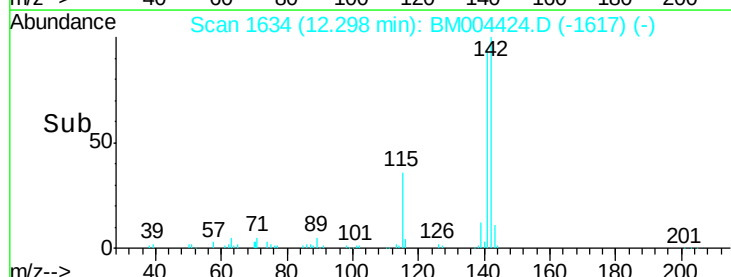
116 3.8 3.1 4.7

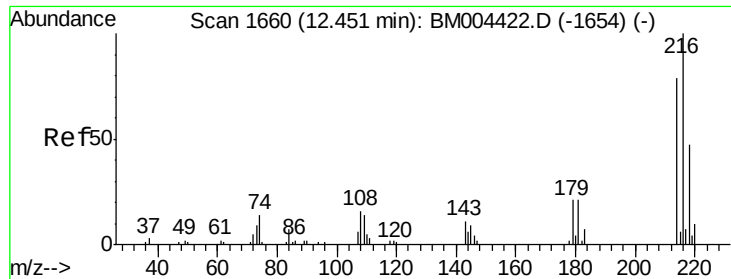


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

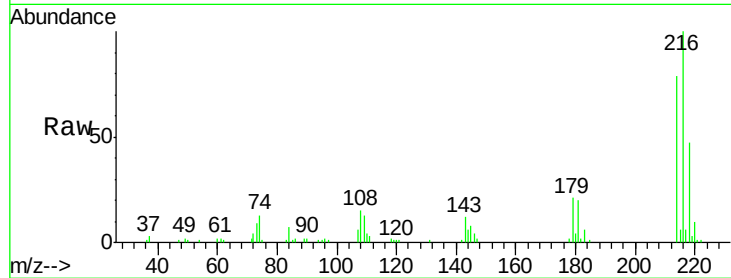




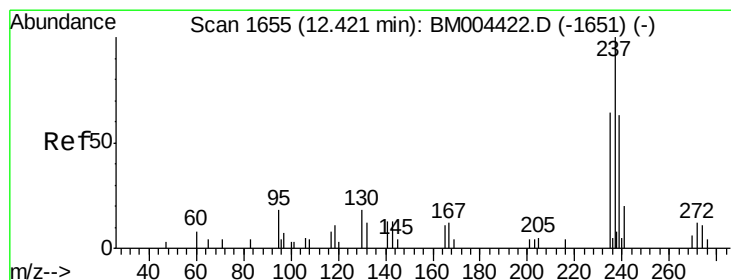
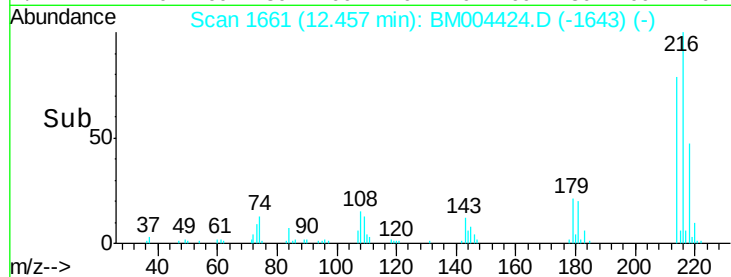
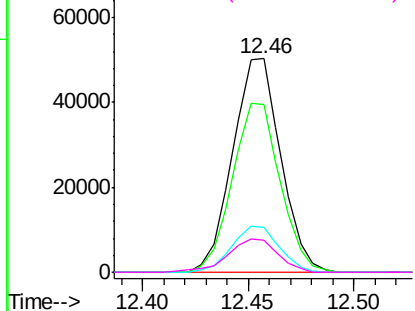
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.25 ng/ul
 RT: 12.46 min Scan# 1661
 Delta R.T. 0.01 min
 Lab File: BM004424.D
 Acq: 26 Feb 2016 11:02

Instrument :
 BNA_M
 ClientSampleId :
 D9R21

Tgt Ion:	216	Resp:	79506
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.5	93.7
179	21.0	18.2	27.2
108	14.9	14.2	21.2

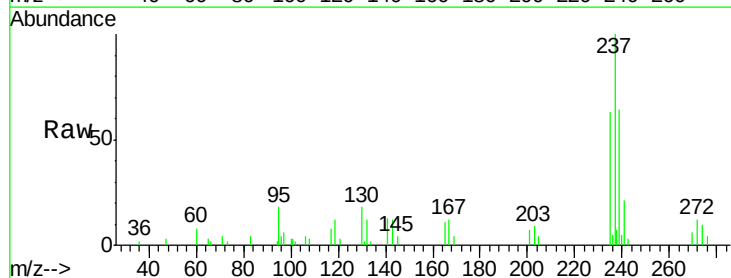


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

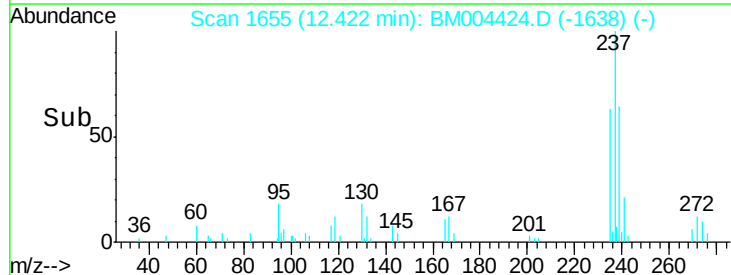
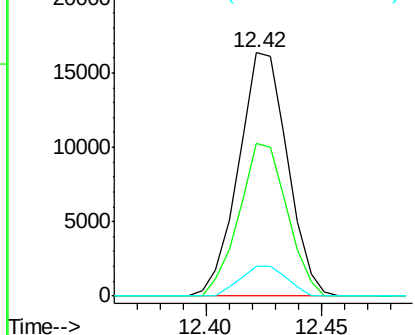


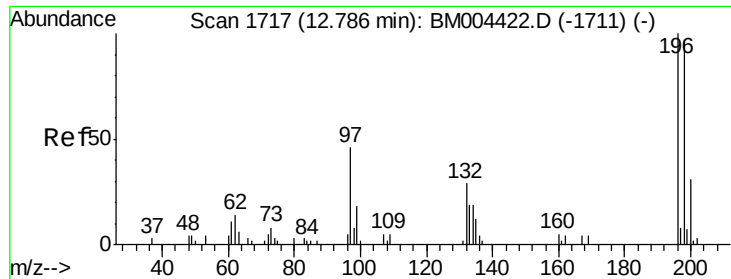
#38
 Hexachlorocyclopentadiene
 Concen: 37.71 ng/ul
 RT: 12.42 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BM004424.D
 Acq: 26 Feb 2016 11:02

Tgt Ion:	237	Resp:	24177
Ion	Ratio	Lower	Upper
237	100		
235	62.7	50.4	75.6
272	12.2	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

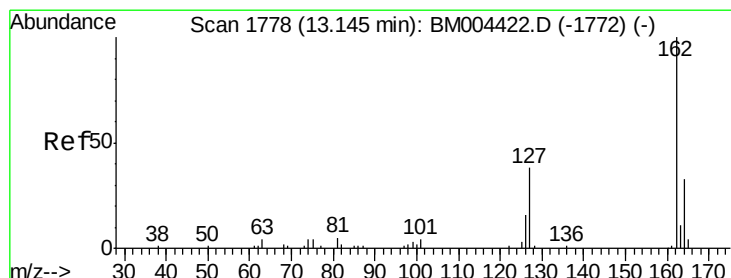
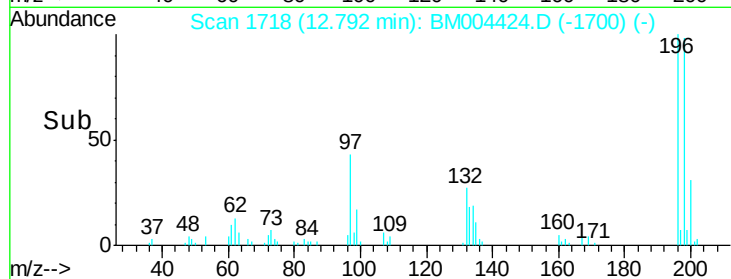
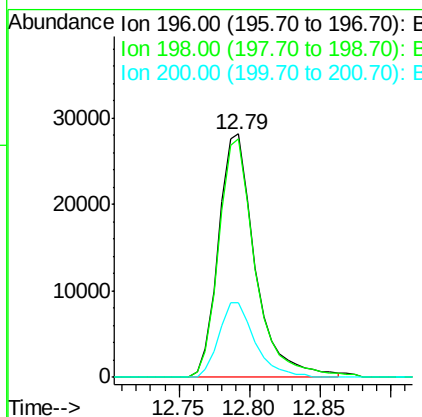
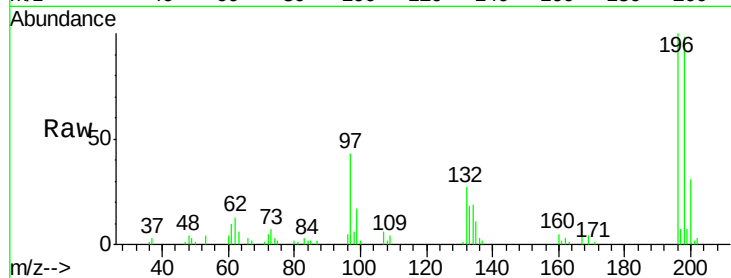




#40
 2,4,5-Trichlorophenol
 Concen: 42.00 ng/ul
 RT: 12.79 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BM004424.D
 Acq: 26 Feb 2016 11:02

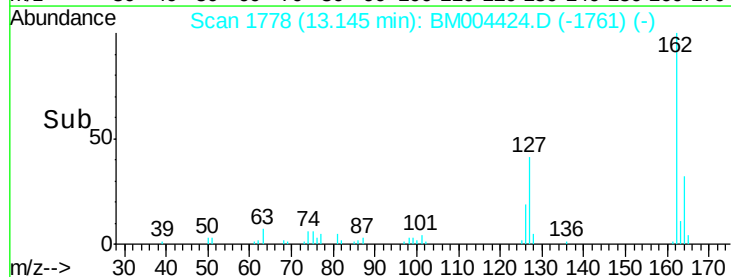
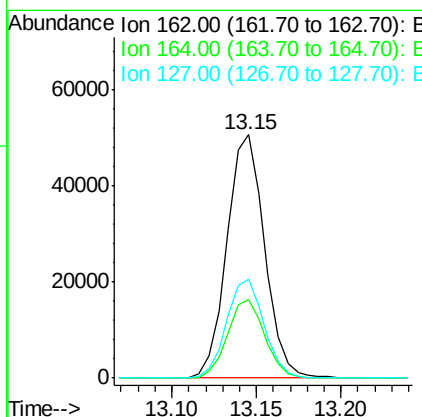
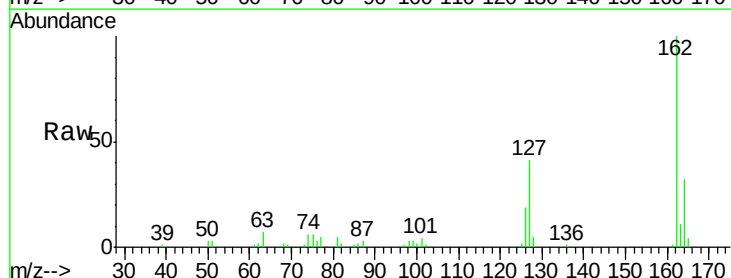
Instrument :
 BNA_M
 ClientSampleId :
 D9R21

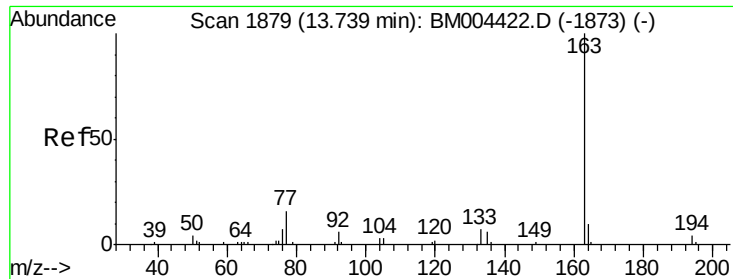
Tgt Ion:196 Resp: 50938
 Ion Ratio Lower Upper
 196 100
 198 98.1 76.9 115.3
 200 30.9 25.0 37.4



#42
 2-Chloronaphthalene
 Concen: 23.25 ng/ul
 RT: 13.15 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BM004424.D
 Acq: 26 Feb 2016 11:02

Tgt Ion:162 Resp: 78583
 Ion Ratio Lower Upper
 162 100
 164 32.1 25.9 38.9
 127 40.8 34.1 51.1





#45

Dimethylphthalate

Concen: 20.84 ng/ul

RT: 13.74 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

Instrument :

BNA_M

ClientSampleId :

D9R21

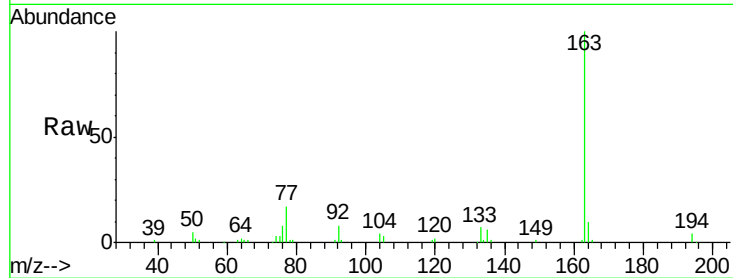
Tgt Ion:163 Resp: 96354

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

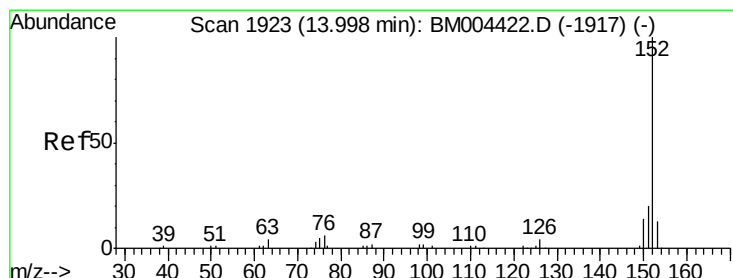
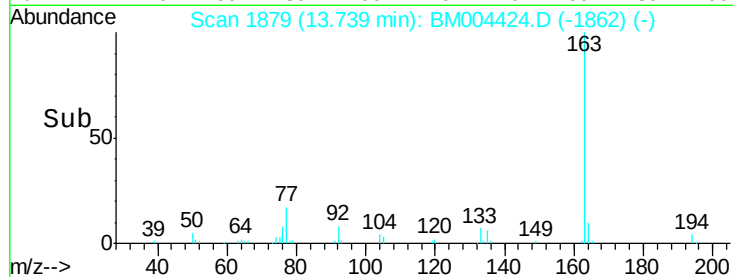
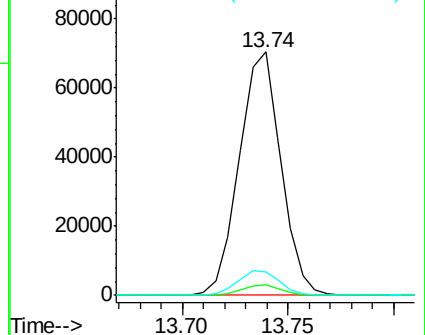
164 9.8 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48

Acenaphthylene

Concen: 25.50 ng/ul

RT: 14.00 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

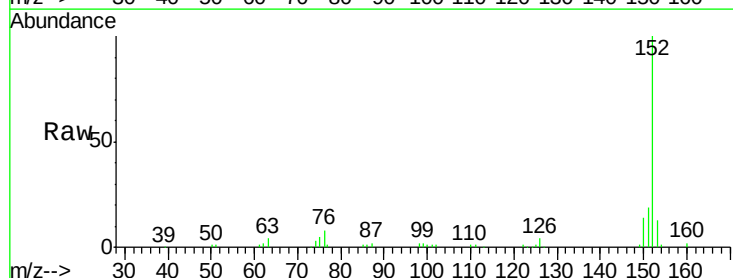
Tgt Ion:152 Resp: 144011

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

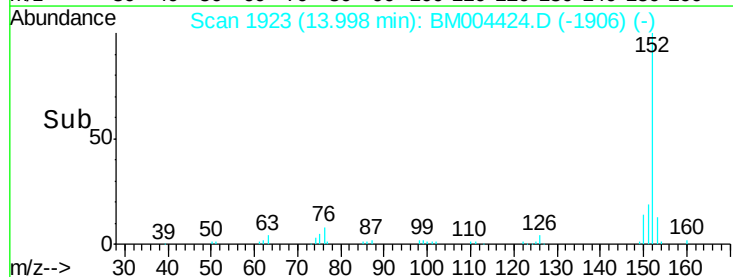
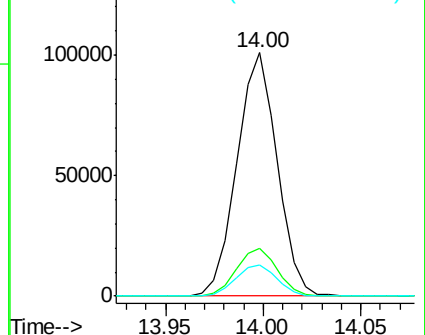
153 12.7 10.5 15.7

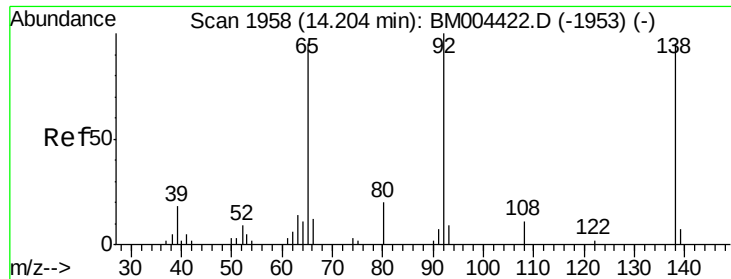


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

3-Nitroaniline

Concen: 53.65 ng/ul

RT: 14.20 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

Instrument :

BNA_M

ClientSampleId :

D9R21

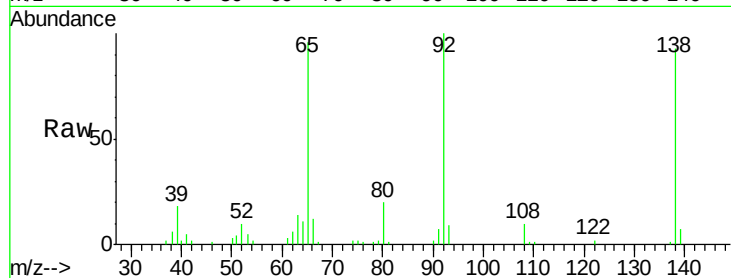
Tgt Ion:138 Resp: 49360

Ion Ratio Lower Upper

138 100

108 11.1 8.7 13.1

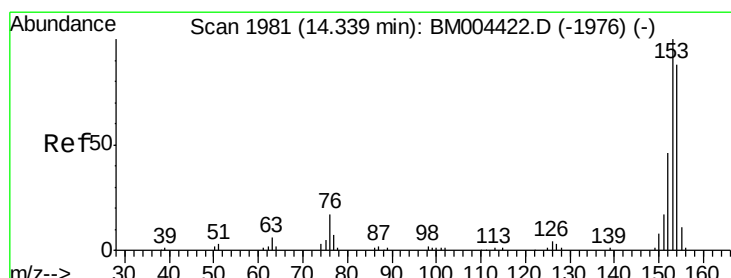
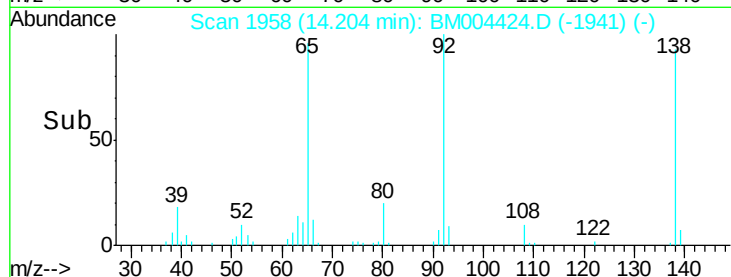
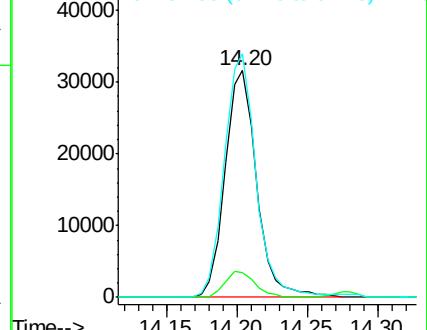
92 107.3 88.2 132.4



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: 37.10 ng/ul

RT: 14.34 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

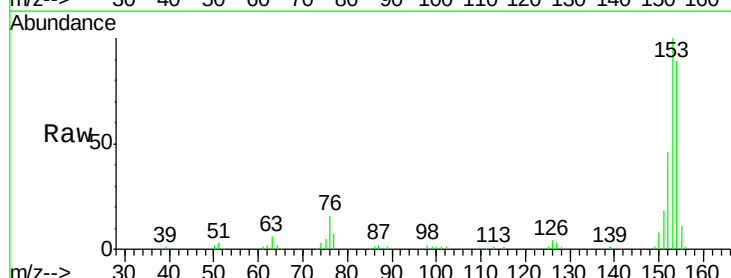
Tgt Ion:153 Resp: 143084

Ion Ratio Lower Upper

153 100

152 46.4 38.3 57.5

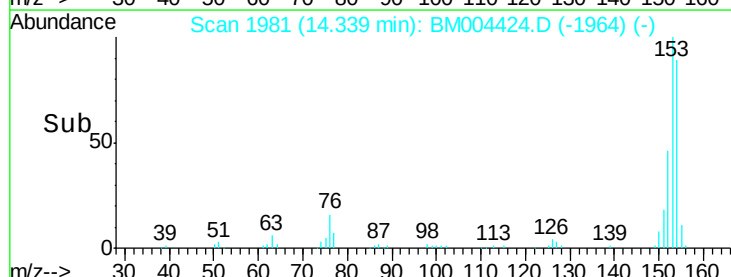
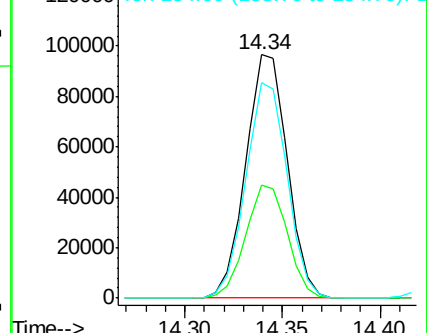
154 88.7 71.8 107.8

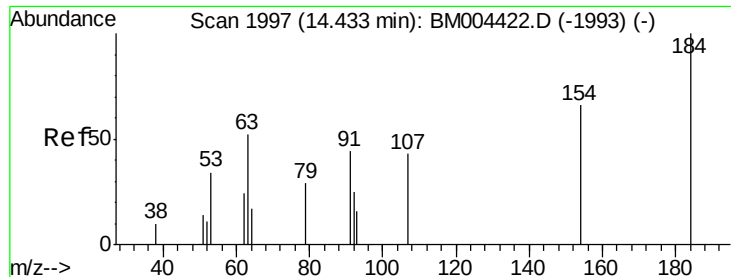


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

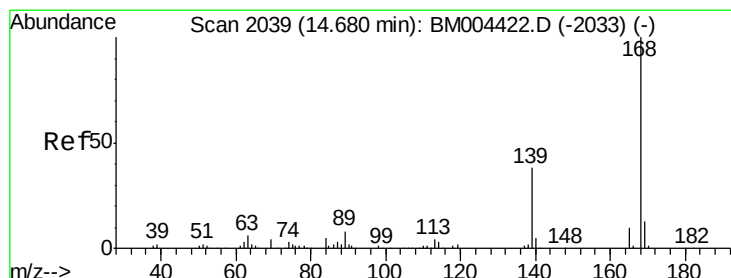
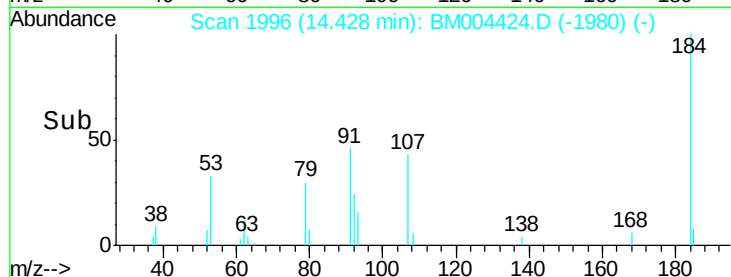
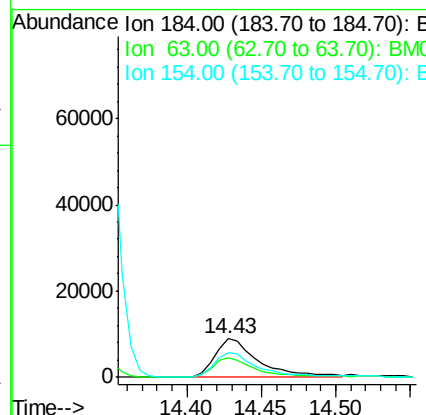
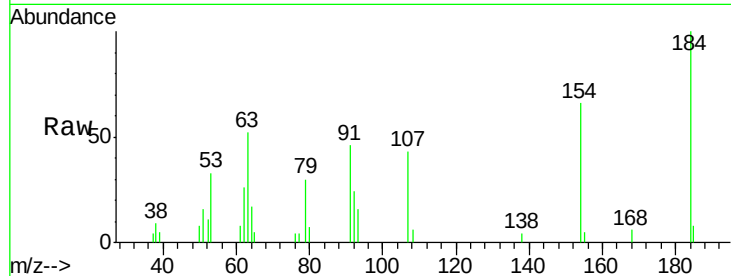




#51
 2,4-Dinitrophenol
 Concen: 43.46 ng/ul
 RT: 14.43 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BM004424.D
 Acq: 26 Feb 2016 11:02

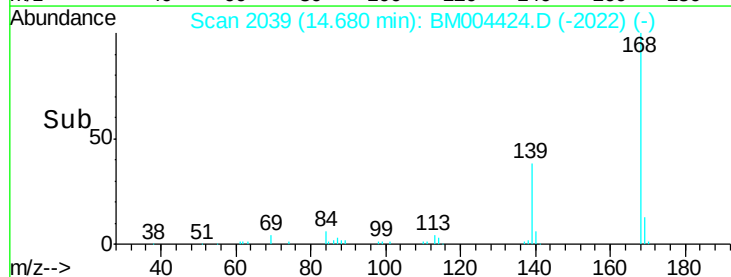
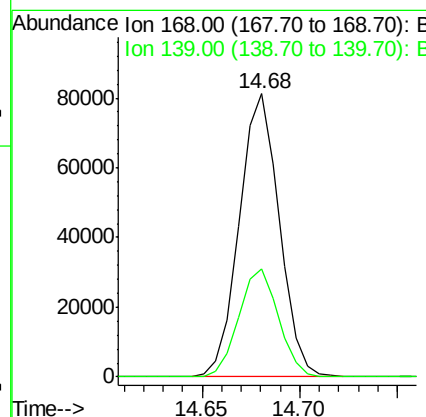
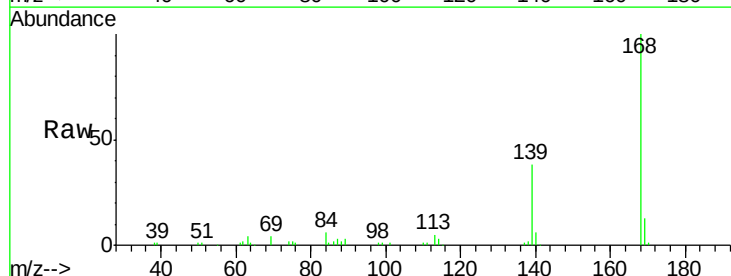
Instrument :
 BNA_M
 ClientSampleId :
 D9R21

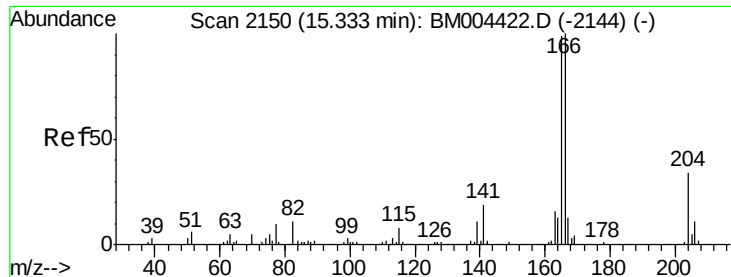
Tgt Ion:184 Resp: 18285
 Ion Ratio Lower Upper
 184 100
 63 52.4 46.5 69.7
 154 65.7 54.6 82.0



#54
 Dibenzofuran
 Concen: 21.38 ng/ul
 RT: 14.68 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BM004424.D
 Acq: 26 Feb 2016 11:02

Tgt Ion:168 Resp: 115155
 Ion Ratio Lower Upper
 168 100
 139 38.2 32.2 48.2

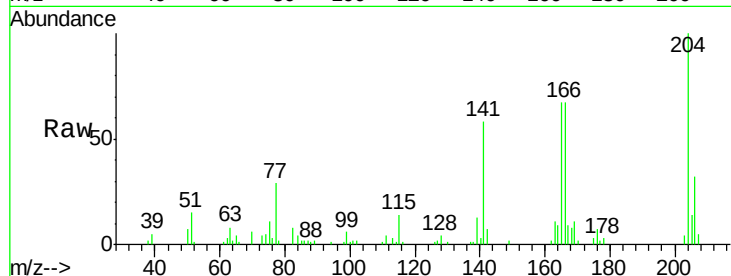




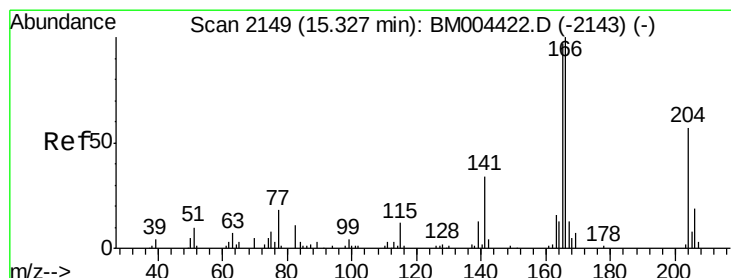
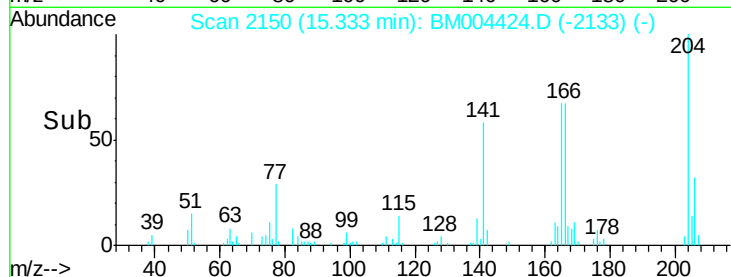
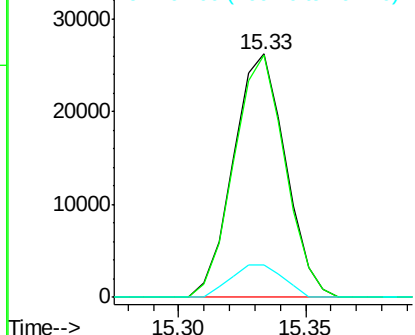
#59
 Fluorene
 Concen: 8.38 ng/ul
 RT: 15.33 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BM004424.D
 Acq: 26 Feb 2016 11:02

Instrument :
 BNA_M
 ClientSampleId :
 D9R21

Tgt Ion:166 Resp: 37403
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.5 117.7
 167 13.4 10.7 16.1

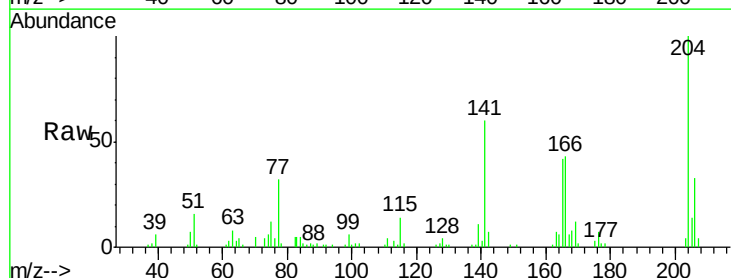


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

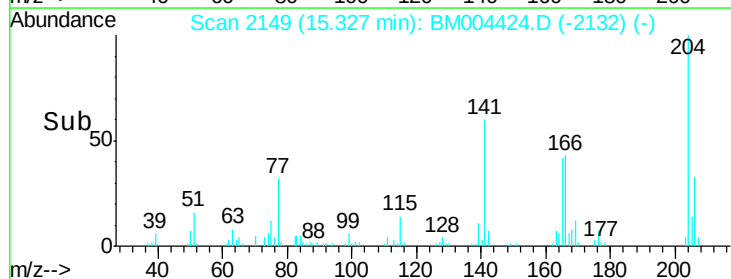
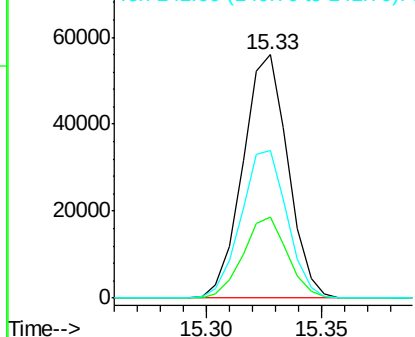


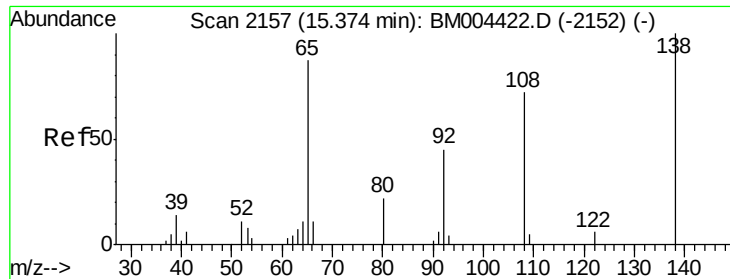
#60
 4-Chlorophenyl-phenylether
 Concen: 34.82 ng/ul
 RT: 15.33 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BM004424.D
 Acq: 26 Feb 2016 11:02

Tgt Ion:204 Resp: 76268
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.2 39.4
 141 60.5 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

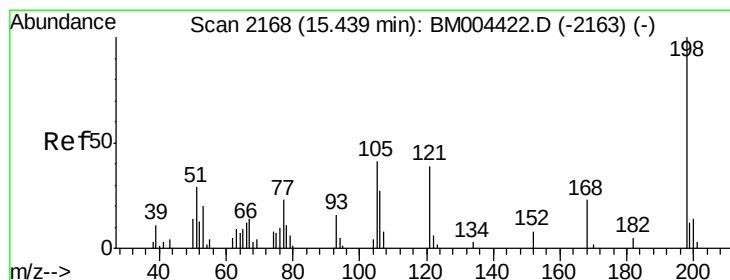
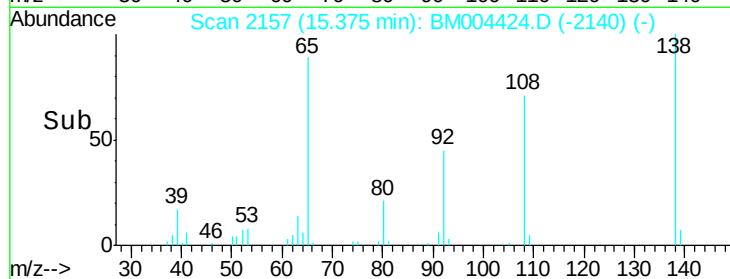
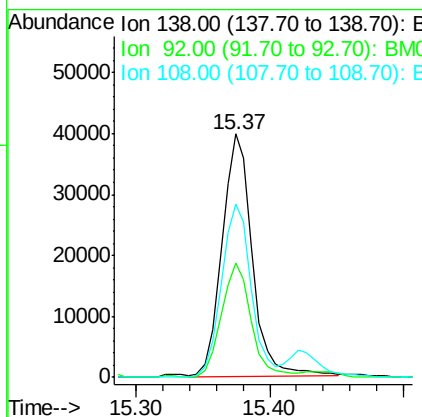
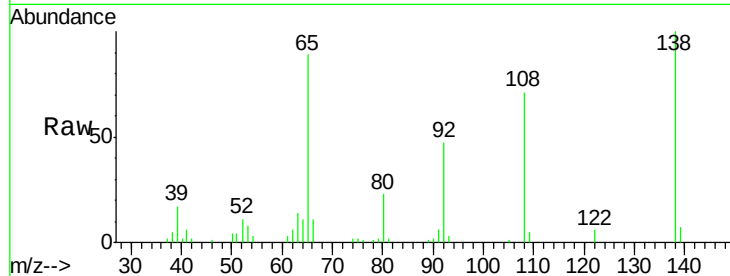




#61
4-Nitroaniline
Concen: 63.55 ng/ul
RT: 15.37 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BM004424.D
Acq: 26 Feb 2016 11:02

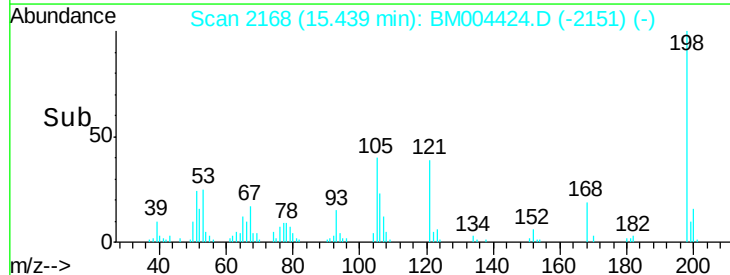
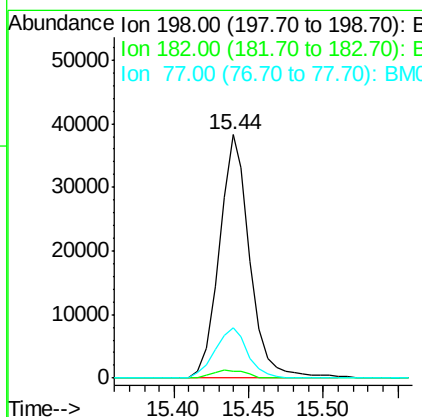
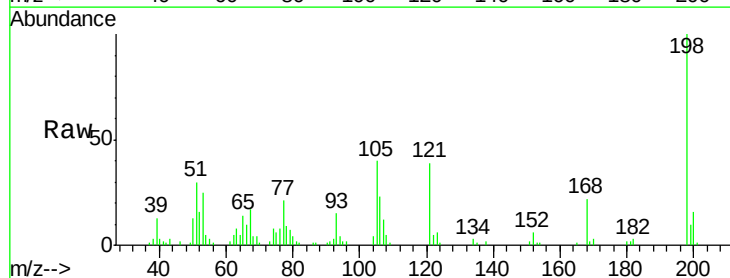
Instrument :
BNA_M
ClientSampled :
D9R21

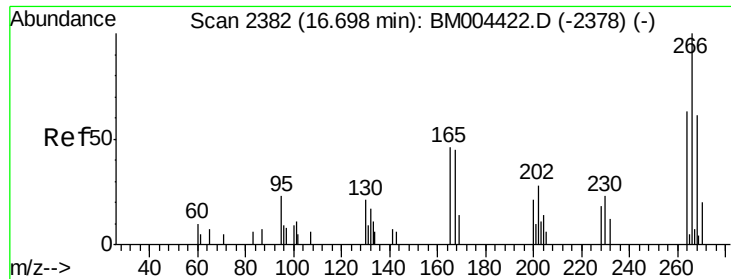
Tgt Ion:138 Resp: 63019
Ion Ratio Lower Upper
138 100
92 46.7 40.6 60.8
108 71.1 67.0 100.6



#64
4,6-Dinitro-2-methylphenol
Concen: 77.13 ng/ul
RT: 15.44 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BM004424.D
Acq: 26 Feb 2016 11:02

Tgt Ion:198 Resp: 54687
Ion Ratio Lower Upper
198 100
182 3.0 3.1 4.7#
77 20.5 20.1 30.1

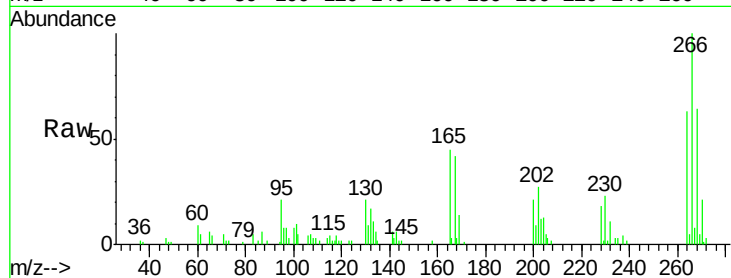




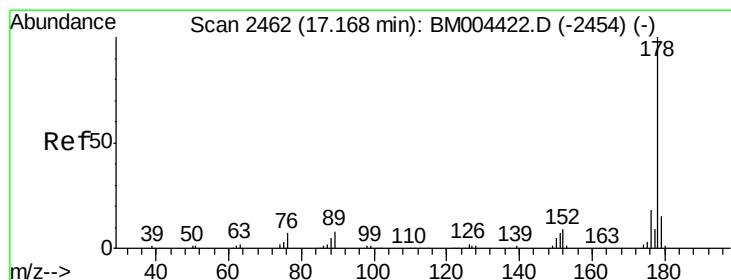
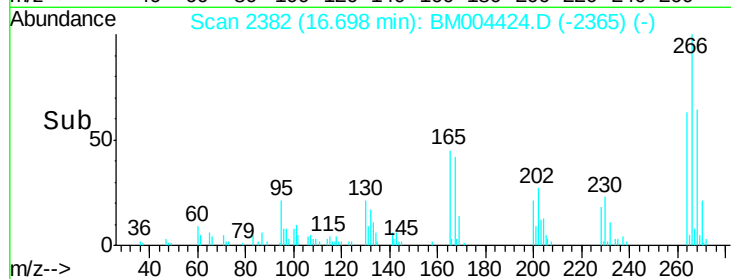
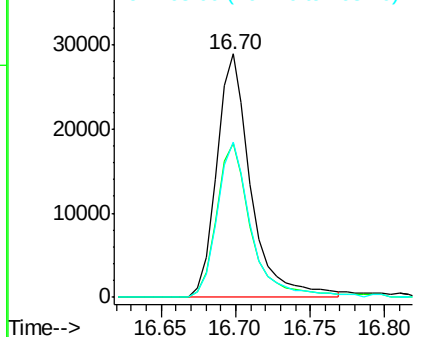
#69
 Pentachlorophenol
 Concen: 90.47 ng/ul
 RT: 16.70 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: BM004424.D
 Acq: 26 Feb 2016 11:02

Instrument :
 BNA_M
 ClientSampleId :
 D9R21

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.5	75.7
268	63.8	50.9	76.3

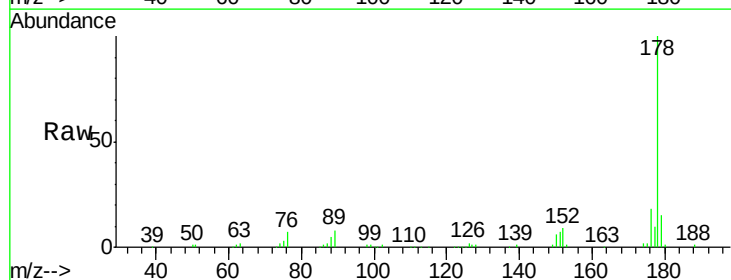


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

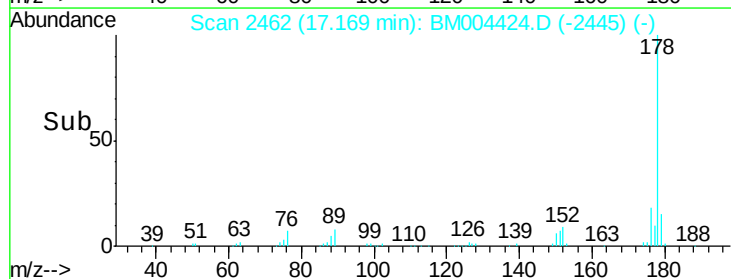
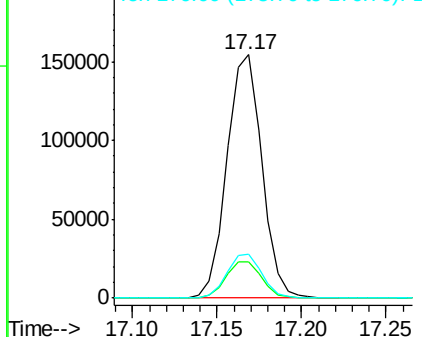


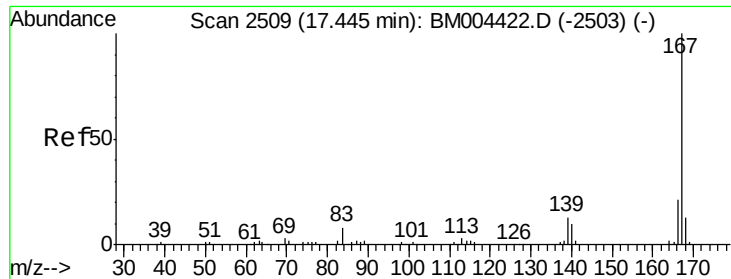
#72
 Anthracene
 Concen: 34.10 ng/ul
 RT: 17.17 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BM004424.D
 Acq: 26 Feb 2016 11:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.1	18.1
176	18.2	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

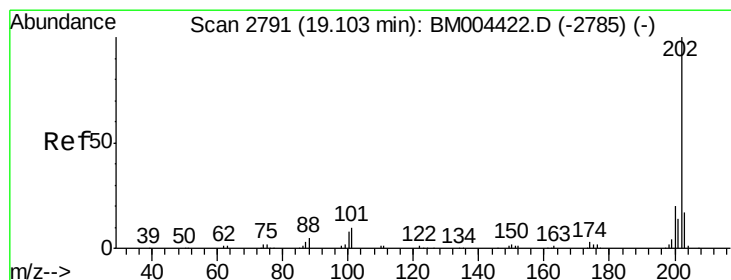
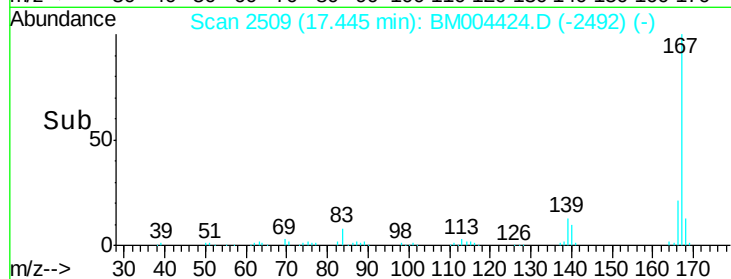
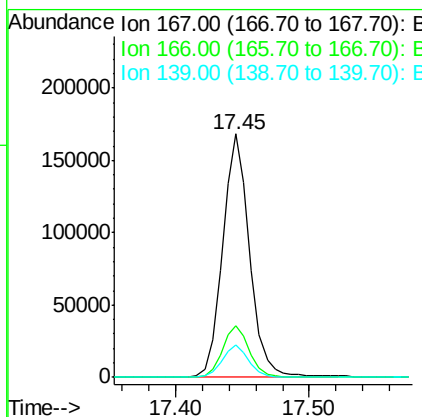
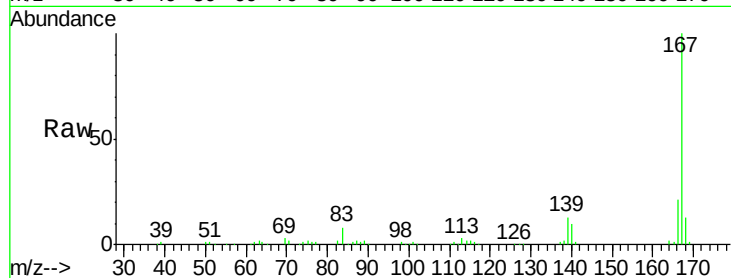




#75
 Carbazole
 Concen: 41.95 ng/ul
 RT: 17.45 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: BM004424.D
 Acq: 26 Feb 2016 11:02

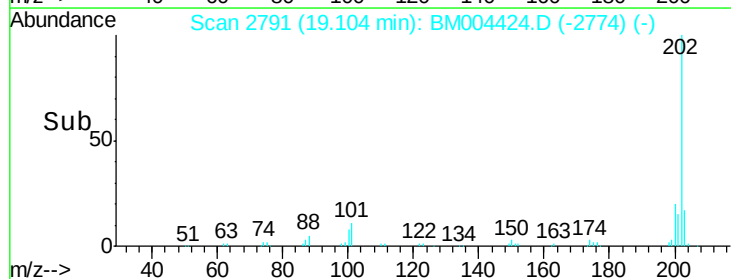
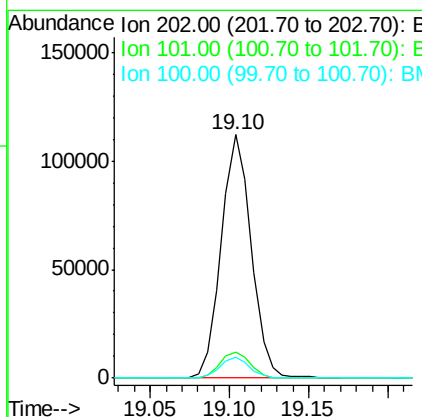
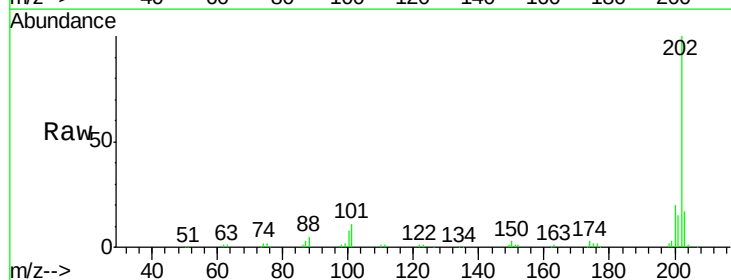
Instrument :
 BNA_M
 ClientSampleId :
 D9R21

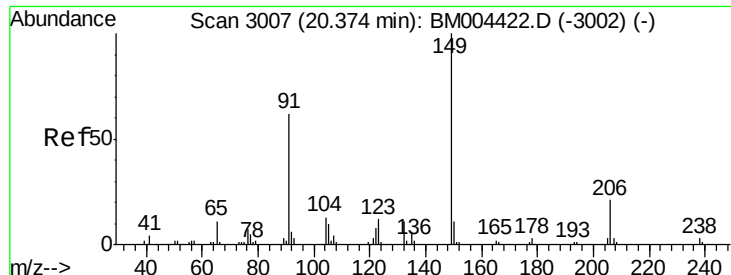
Tgt Ion:167 Resp: 239002
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 13.2 11.0 16.4



#77
 Fluoranthene
 Concen: 20.28 ng/ul
 RT: 19.10 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004424.D
 Acq: 26 Feb 2016 11:02

Tgt Ion:202 Resp: 147830
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.8 13.2
 100 8.4 6.6 9.8

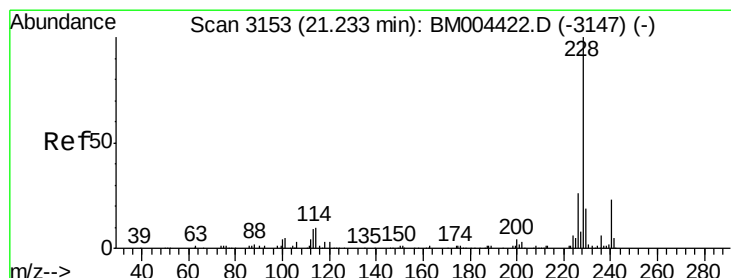
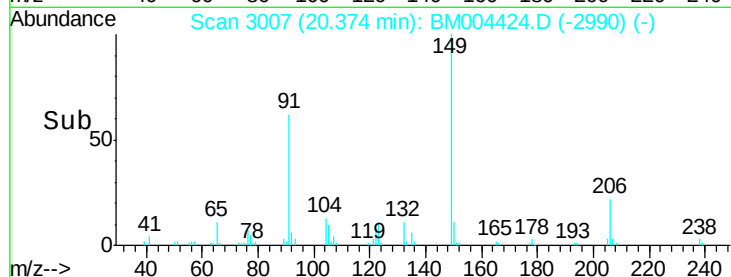
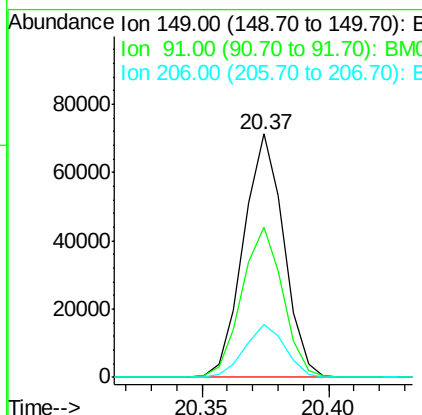
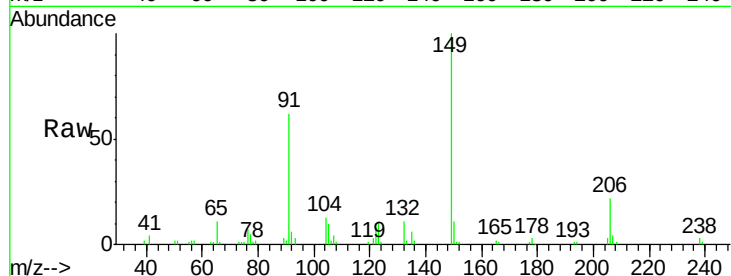




#81
Butylbenzylphthalate
Concen: 25.81 ng/ul
RT: 20.37 min Scan# 3007
Delta R.T. 0.00 min
Lab File: BM004424.D
Acq: 26 Feb 2016 11:02

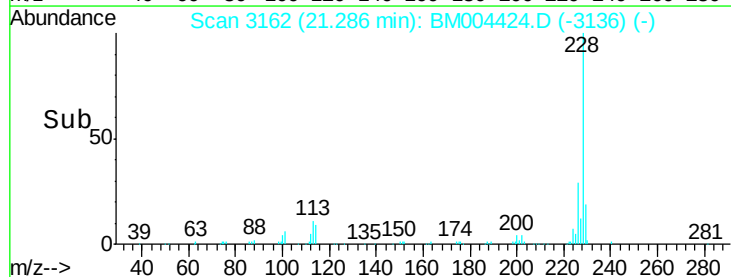
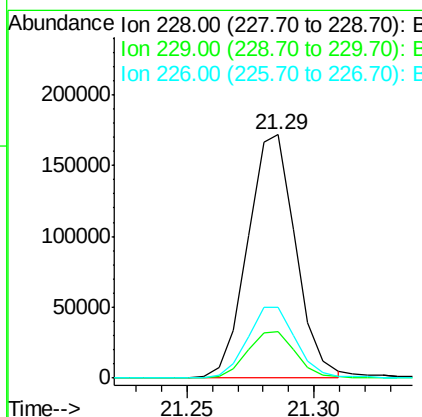
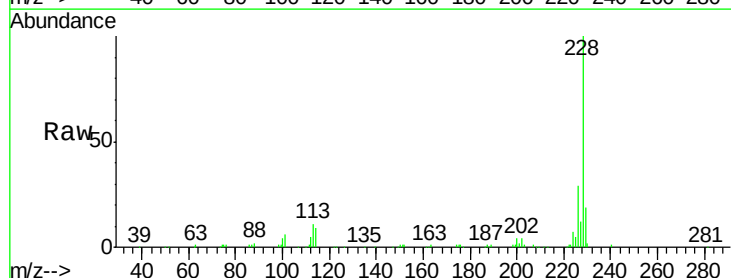
Instrument :
BNA_M
ClientSampleId :
D9R21

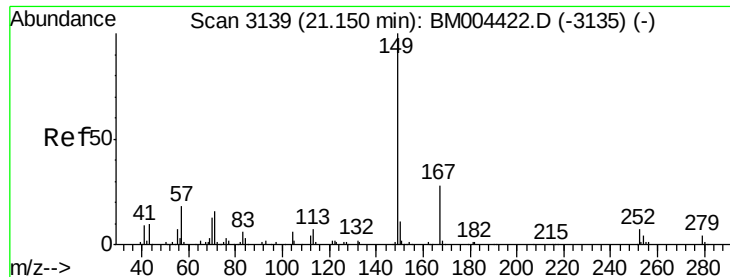
Tgt Ion:149 Resp: 78949
Ion Ratio Lower Upper
149 100
91 61.7 53.4 80.2
206 21.6 16.6 24.8



#83
Benzo(a)anthracene
Concen: 33.14 ng/ul
RT: 21.29 min Scan# 3162
Delta R.T. 0.05 min
Lab File: BM004424.D
Acq: 26 Feb 2016 11:02

Tgt Ion:228 Resp: 226790
Ion Ratio Lower Upper
228 100
229 19.2 15.7 23.5
226 29.0 21.8 32.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 25.72 ng/ul

RT: 21.15 min Scan# 3139

Delta R.T. 0.00 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

Instrument :

BNA_M

ClientSampleId :

D9R21

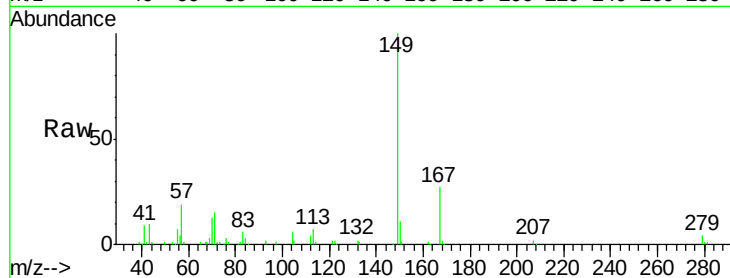
Tgt Ion:149 Resp: 116284

Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

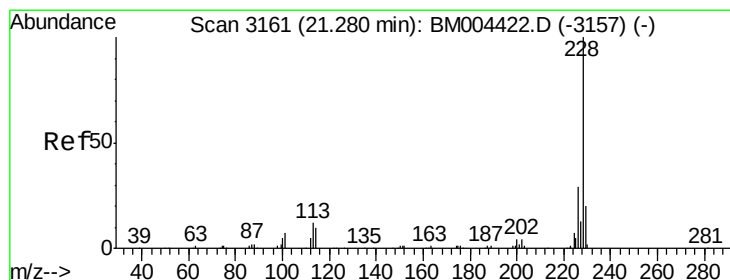
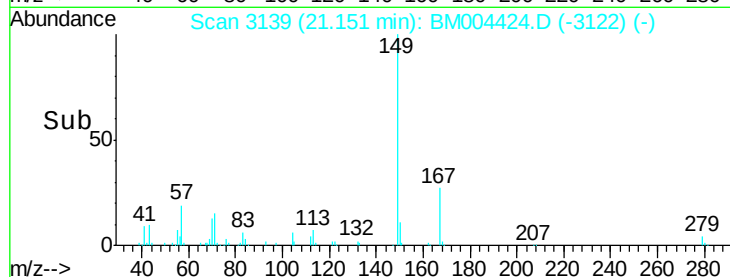
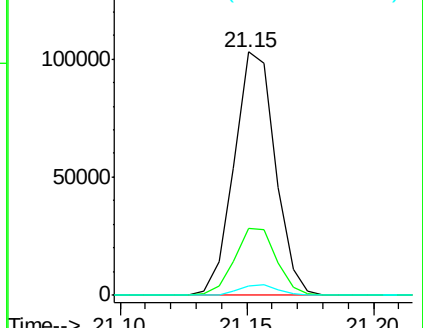
279 3.9 3.0 4.4



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: 35.19 ng/ul

RT: 21.29 min Scan# 3162

Delta R.T. 0.01 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

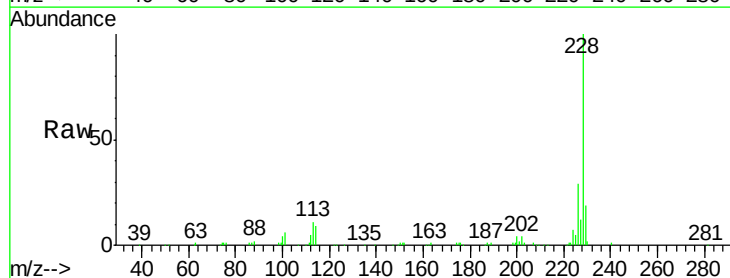
Tgt Ion:228 Resp: 231597

Ion Ratio Lower Upper

228 100

226 29.0 24.0 36.0

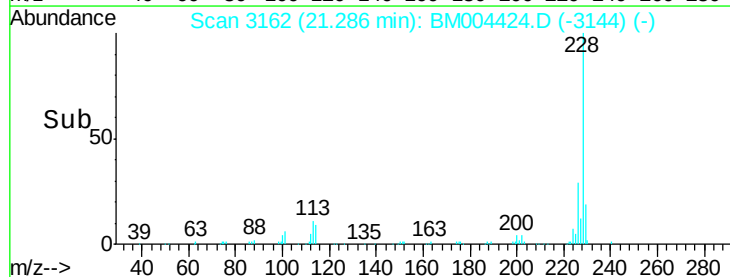
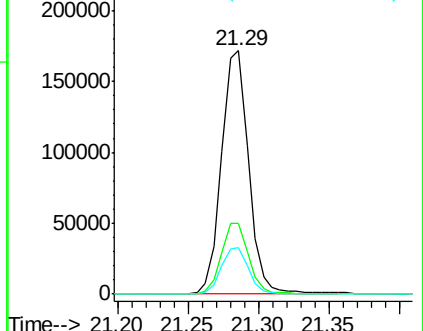
229 19.2 15.6 23.4

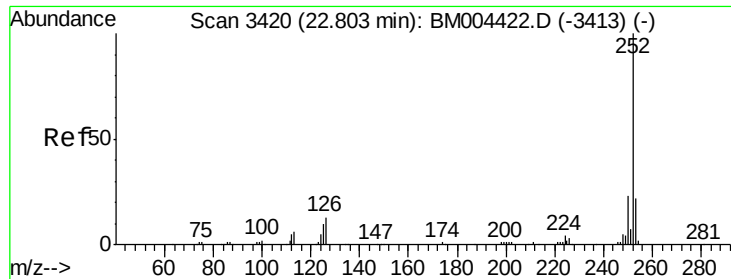


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 40.29 ng/ul

RT: 22.84 min Scan# 3427

Delta R.T. 0.04 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

Instrument :

BNA_M

ClientSampled :

D9R21

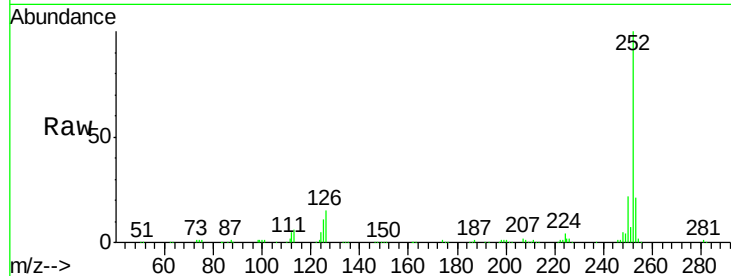
Tgt Ion:252 Resp: 289943

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

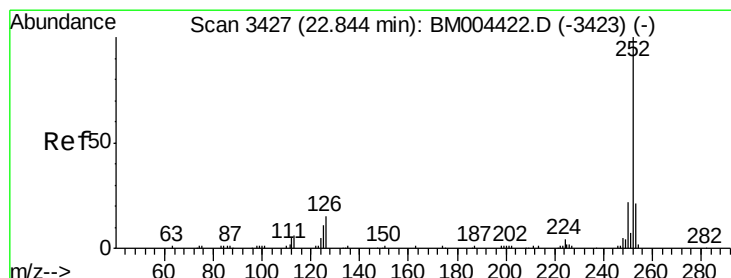
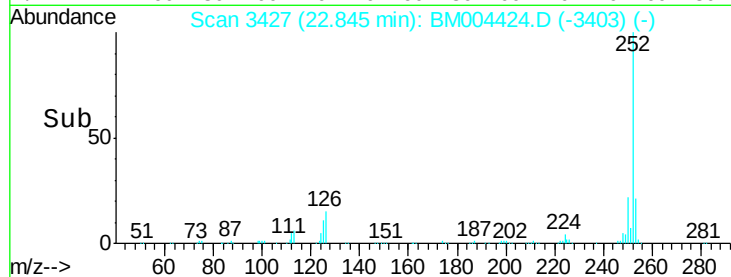
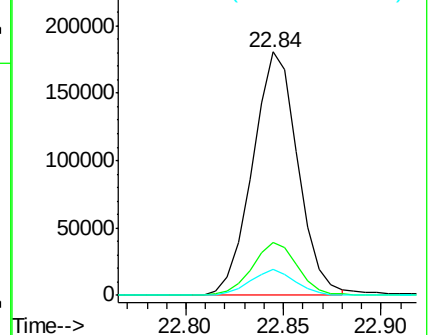
125 10.8 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 43.38 ng/ul

RT: 22.84 min Scan# 3427

Delta R.T. 0.00 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

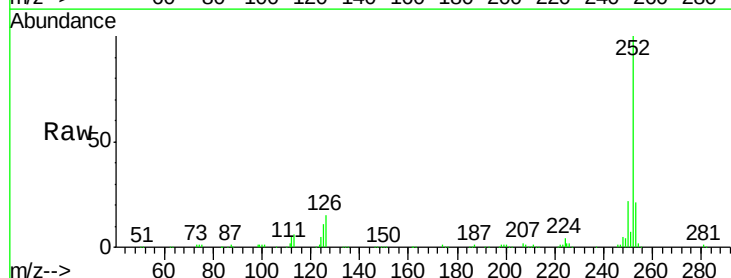
Tgt Ion:252 Resp: 294182

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

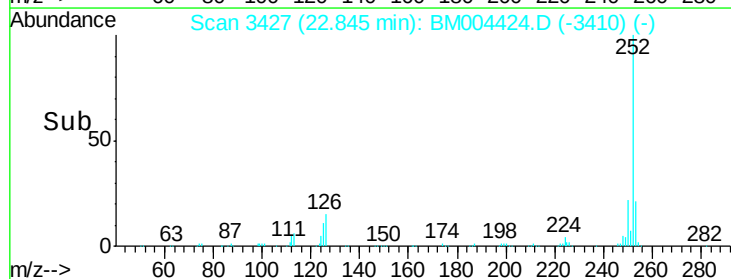
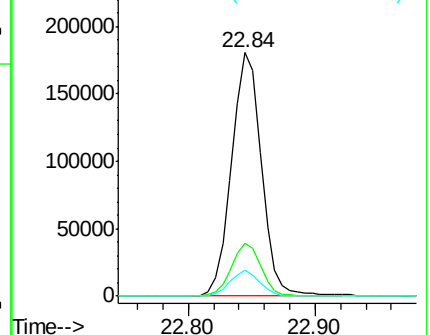
125 10.8 8.2 12.2

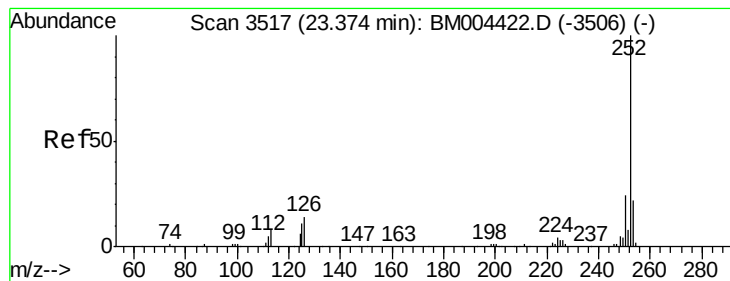


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 42.60 ng/ul

RT: 23.37 min Scan# 3517

Delta R.T. 0.00 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

Instrument :

BNA_M

ClientSampleId :

D9R21

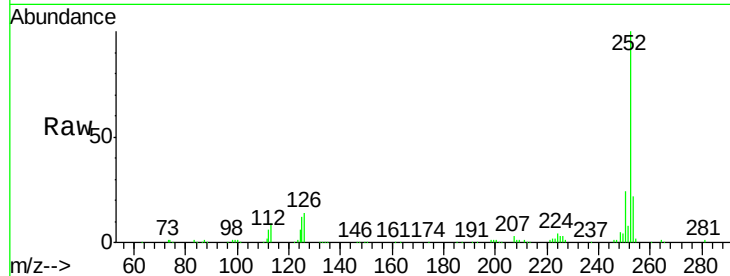
Tgt Ion: 252 Resp: 284851

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 11.6 9.0 13.6

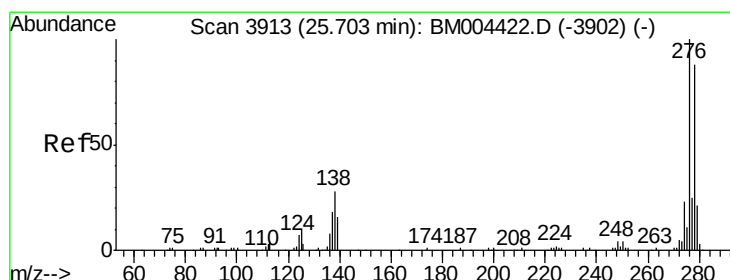
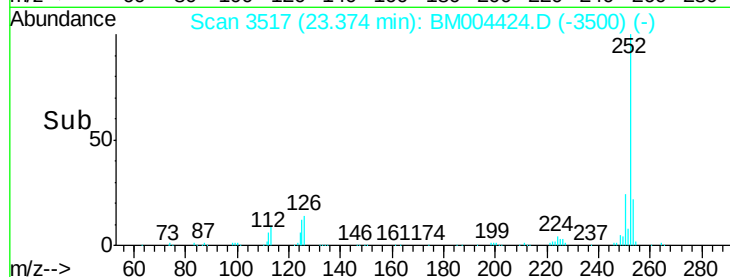
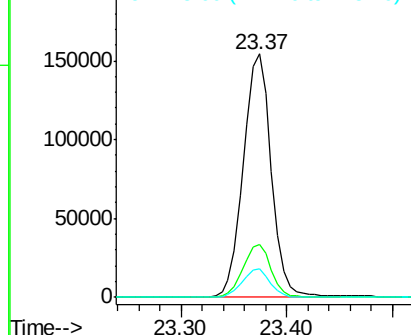


Abundance

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: 20.27 ng/ul

RT: 25.70 min Scan# 3913

Delta R.T. 0.00 min

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

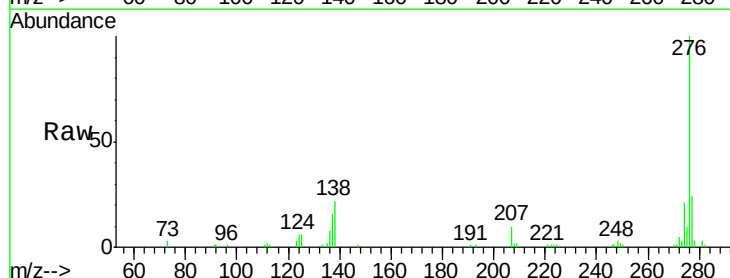
Tgt Ion: 276 Resp: 126763

Ion Ratio Lower Upper

276 100

138 22.0 22.3 33.5#

277 23.6 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

