

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 29 09:31:59 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

					Ovalue
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
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
54) Dibenzofuran	14.68	168	115155	21.38	ng/ul 97

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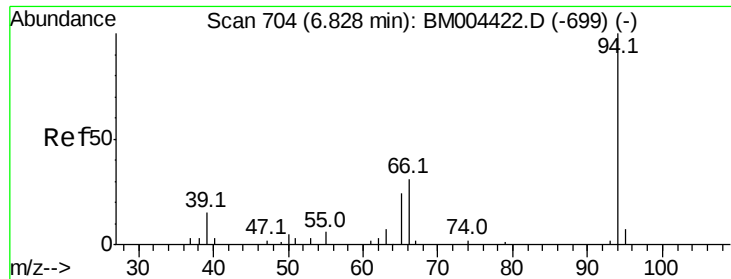
Instrument :
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 Response via : Initial Calibration

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

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
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
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



#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 :

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ClientSampleId :

D9R21

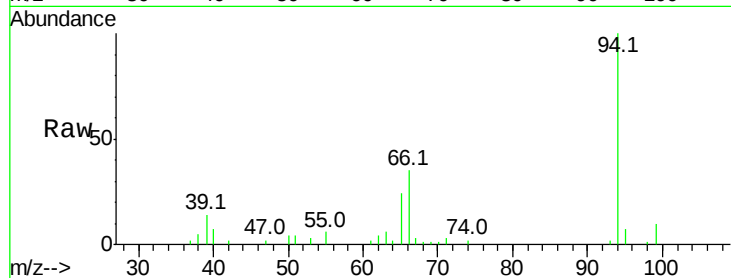
Tot Ion: 94 Resp: 37560

Ion Ratio Lower Upper

94 100

65 24.2 21.0 31.6

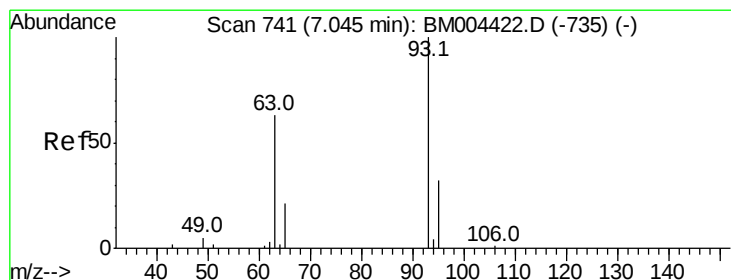
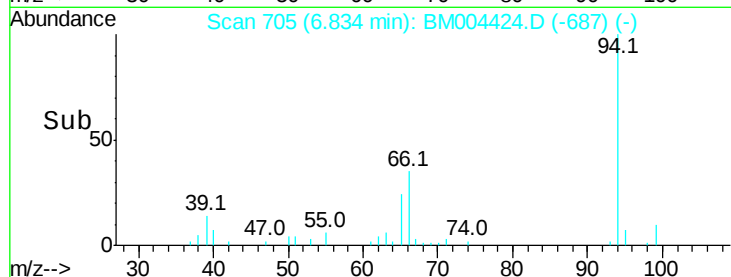
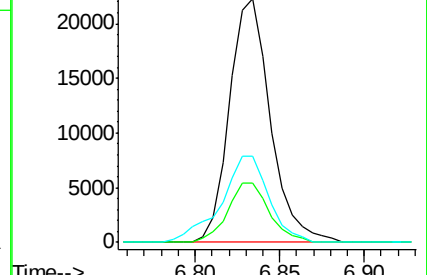
66 35.3 29.3 43.9



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

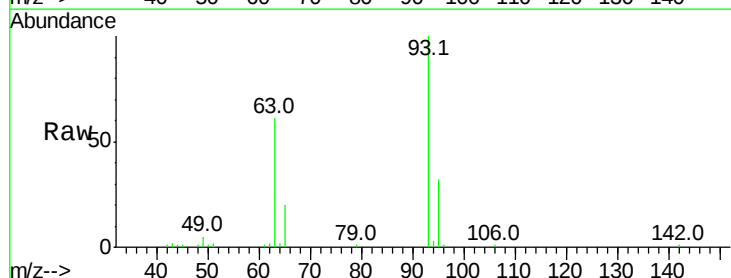
Tgt Ion: 93 Resp: 85662

Ion Ratio Lower Upper

93 100

63 60.8 53.5 80.3

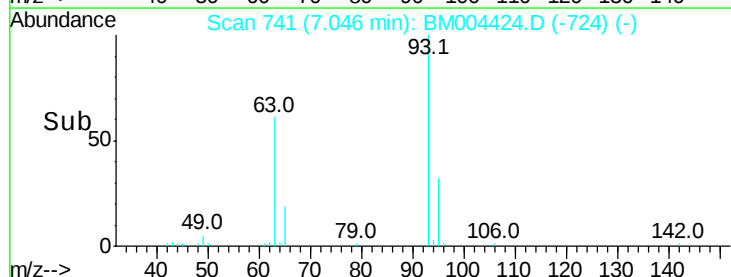
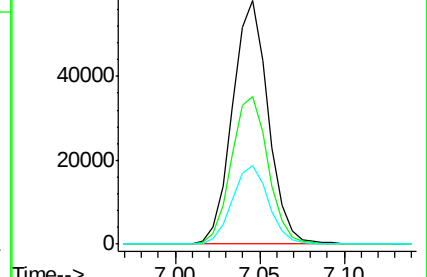
95 32.4 26.2 39.2

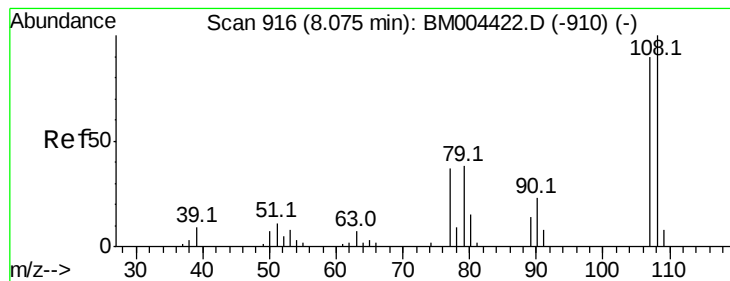


Abundance Ion 93.00 (92.70 to 93.70): BM004422.D (-735) (-)

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 :

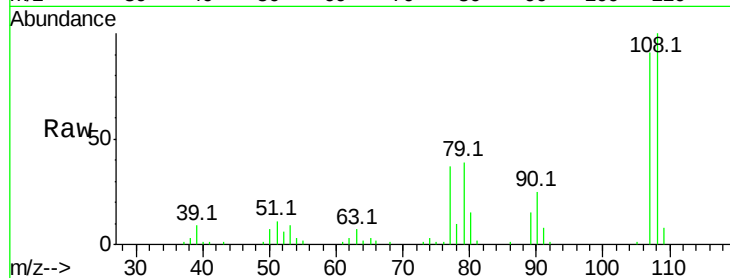
D9R21

Tot 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

8.07

60000

50000

40000

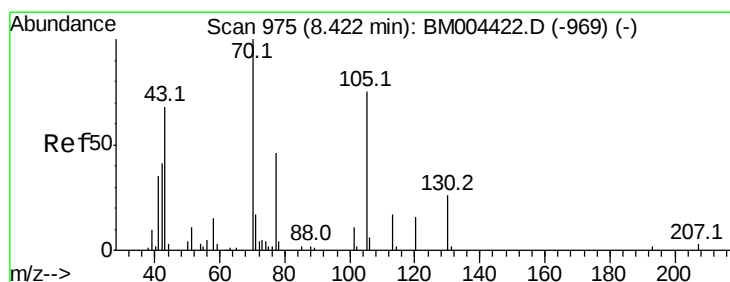
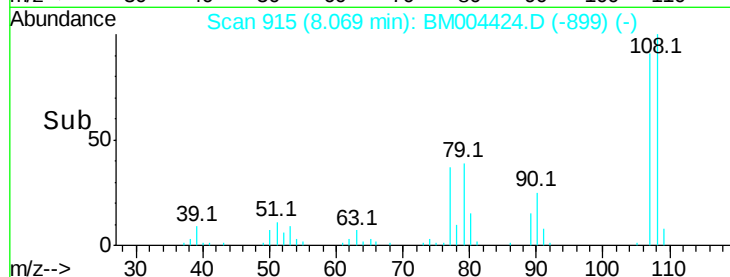
30000

20000

10000

0

Time--> 8.00 8.05 8.10 8.15



#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

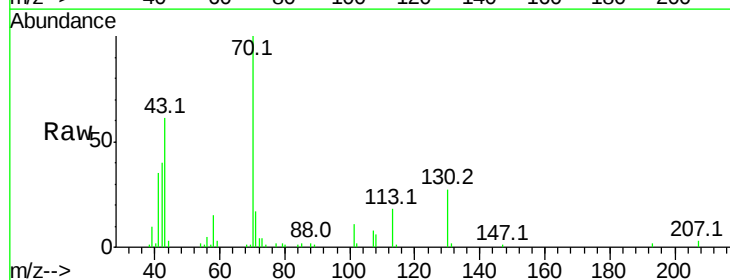
Ion Ratio Lower Upper

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

8.43

60000

50000

40000

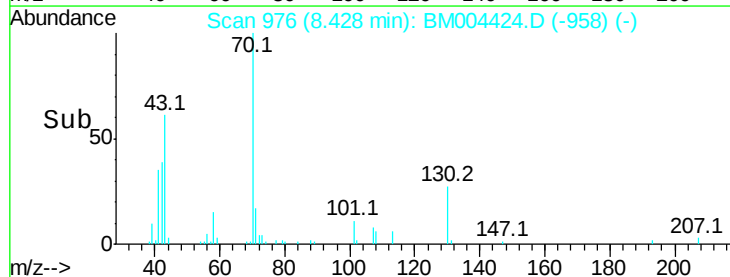
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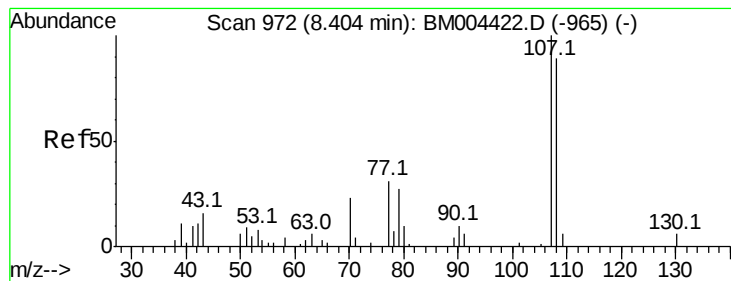
20000

10000

0

Time--> 8.35 8.40 8.45





#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

Instrument :

BNA_M

ClientSampleId :

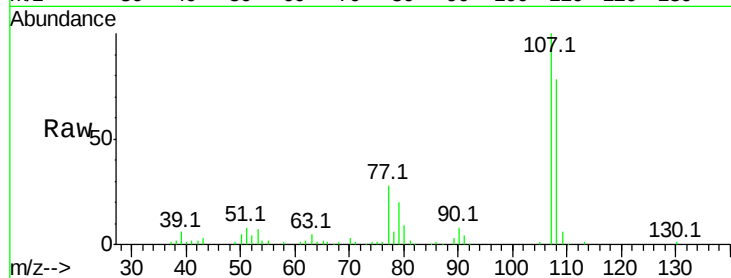
D9R21

Tot Ion:108 Resp: 97526

Ion Ratio Lower Upper

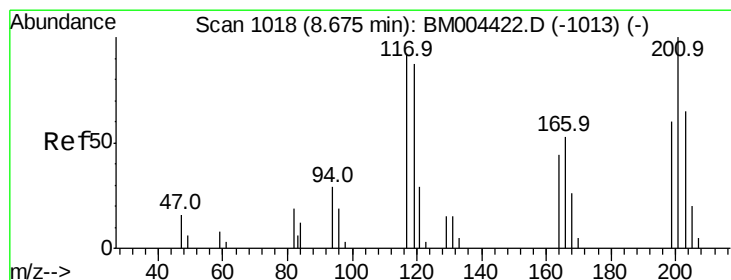
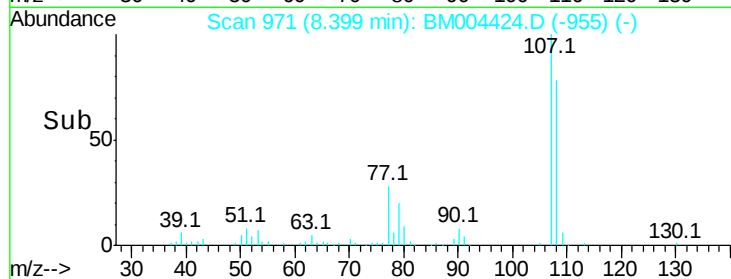
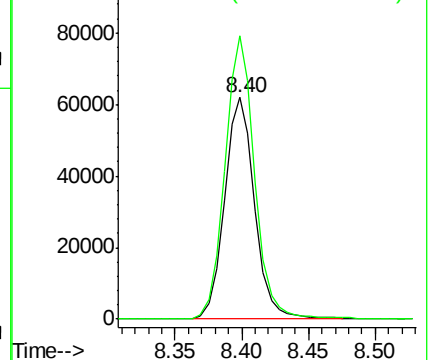
108 100

107 127.7 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#17

Hexachloroethane

Concen: 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

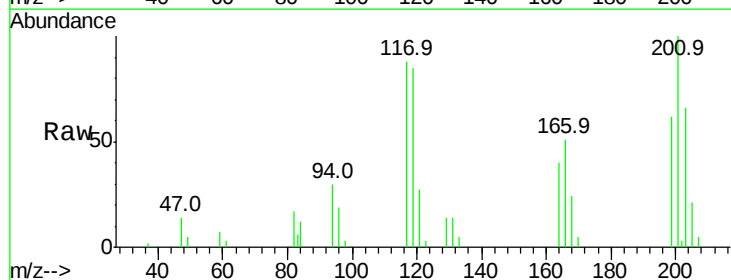
Tgt Ion:117 Resp: 25478

Ion Ratio Lower Upper

117 100

201 113.4 81.5 122.3

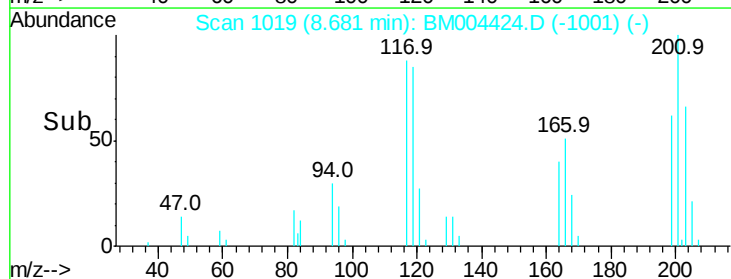
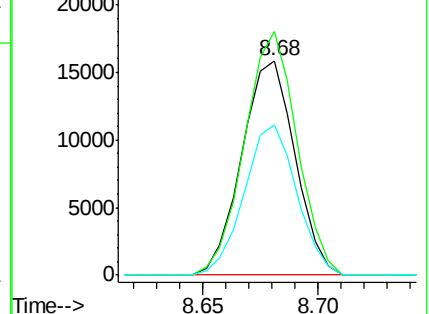
199 69.9 50.6 76.0

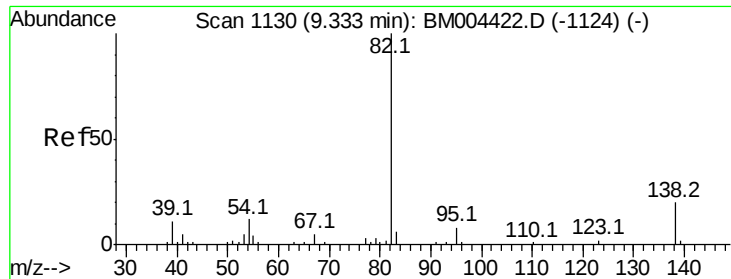


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#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 :

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ClientSampleId :

D9R21

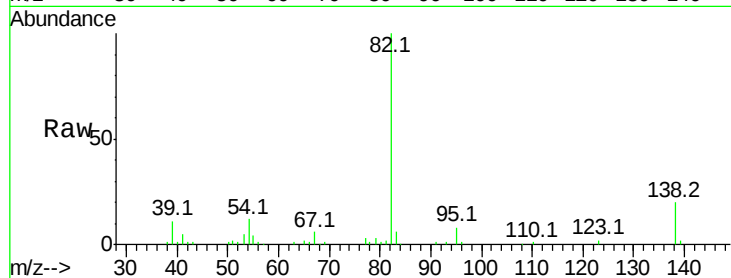
Tot Ion: 82 Resp: 127441

Ion Ratio Lower Upper

82 100

95 7.9 6.4 9.6

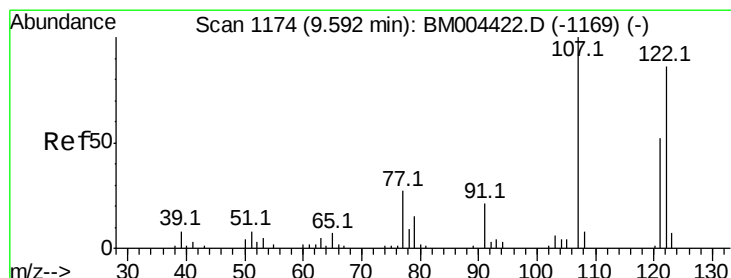
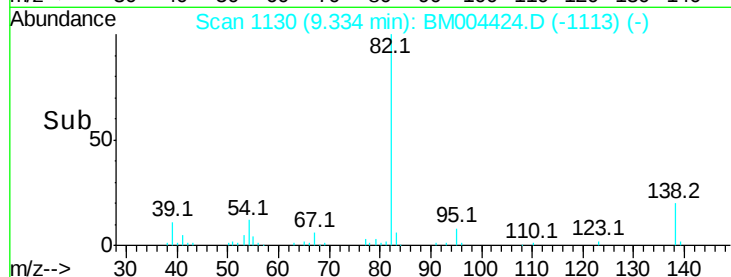
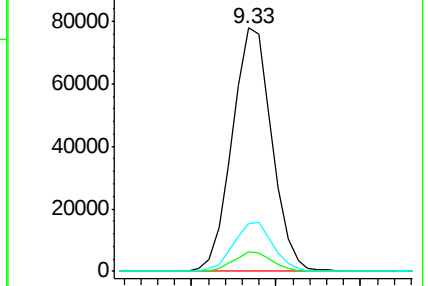
138 19.8 14.9 22.3



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

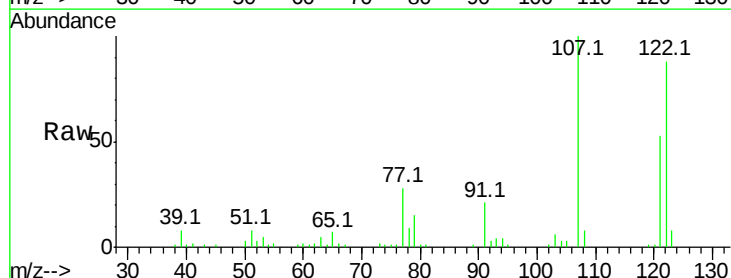
Tgt Ion:107 Resp: 79798

Ion Ratio Lower Upper

107 100

121 53.3 40.6 61.0

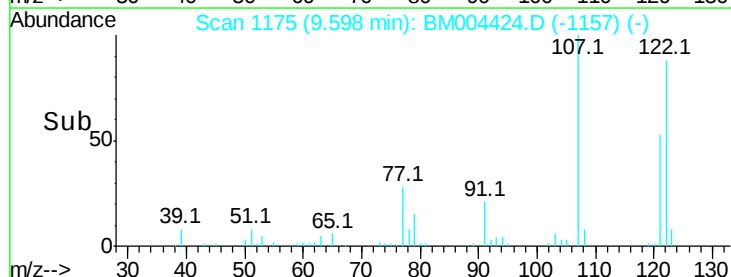
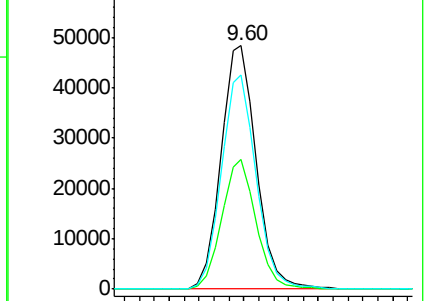
122 87.9 67.8 101.6

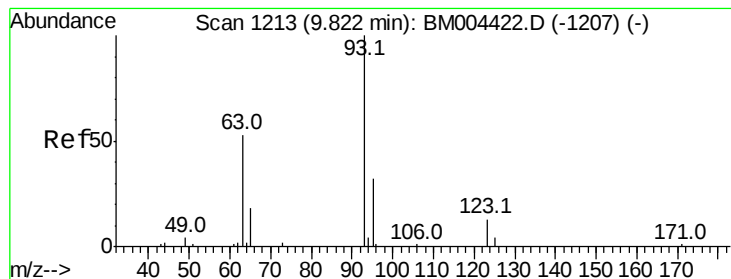


Abundance Ion 107.00 (106.70 to 107.70): BM004422.D (-1169) (-)

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

Lab File: BM004424.D

Acq: 26 Feb 2016 11:02

Instrument :

BNA_M

ClientSampleId :

D9R21

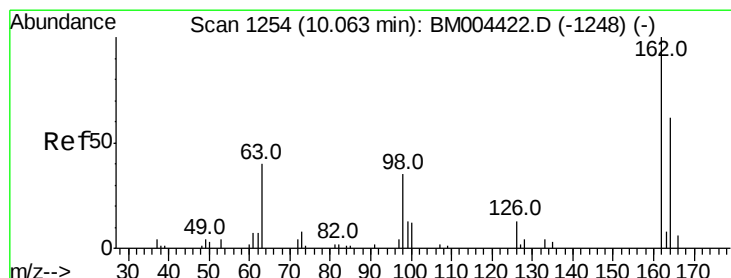
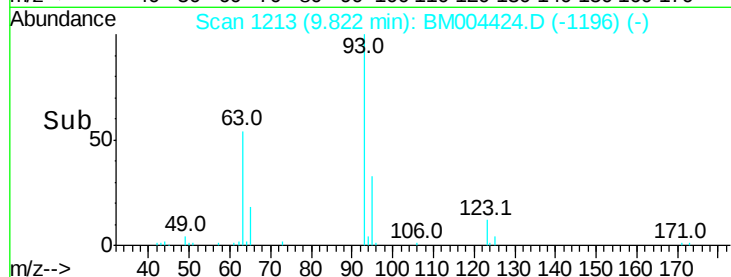
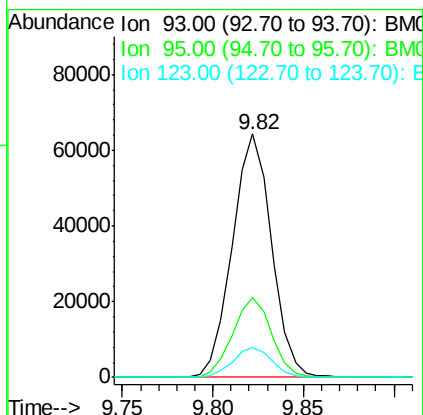
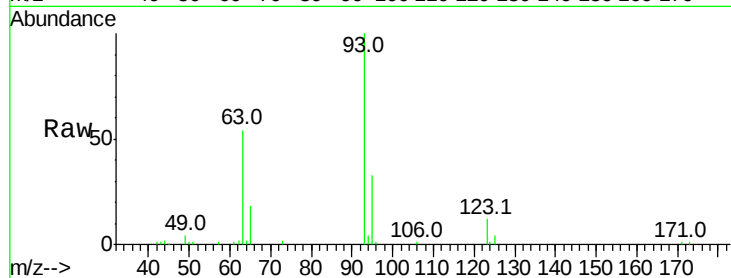
Tot Ion: 93 Resp: 96793

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

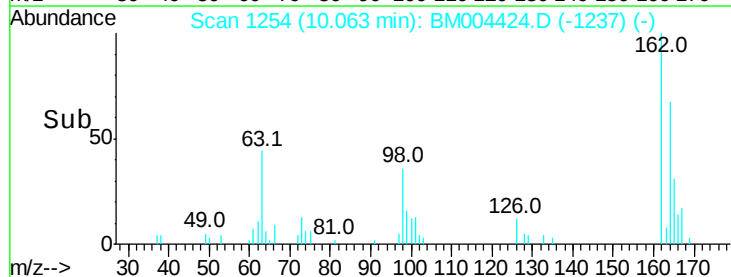
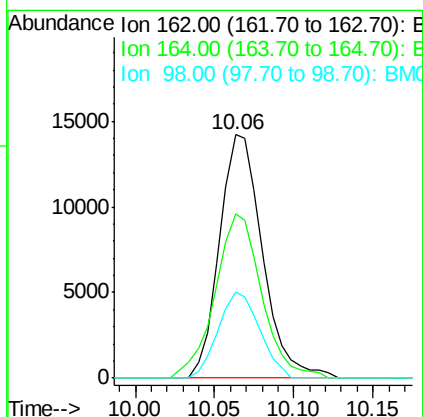
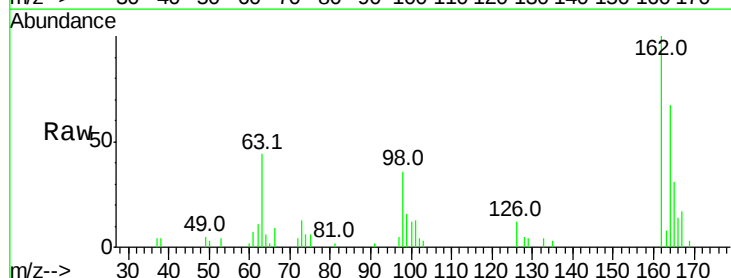
Tgt Ion:162 Resp: 26772

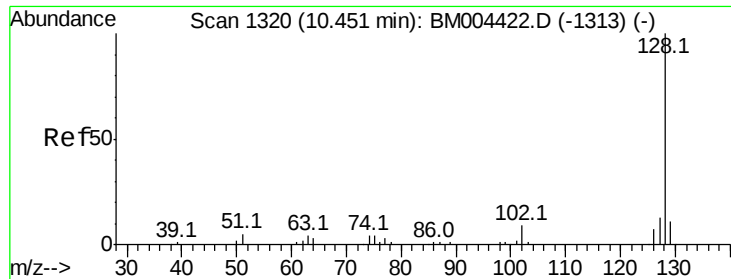
Ion Ratio Lower Upper

162 100

164 67.4 52.1 78.1

98 35.5 28.4 42.6

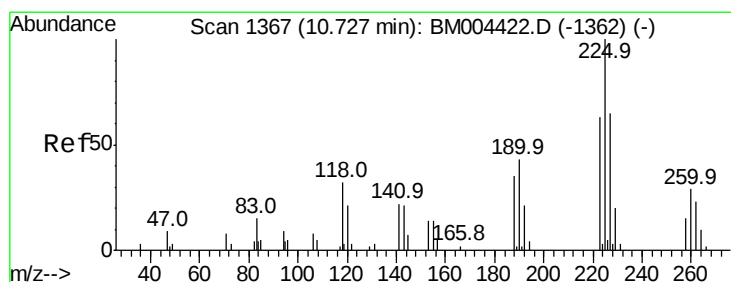
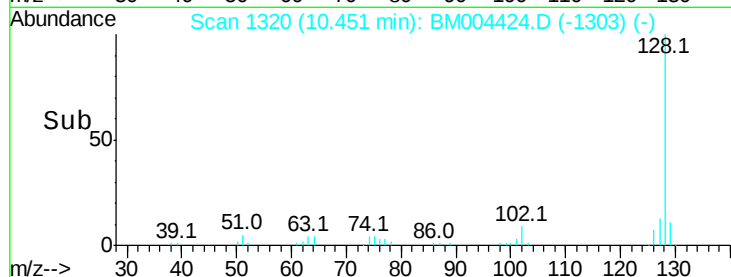
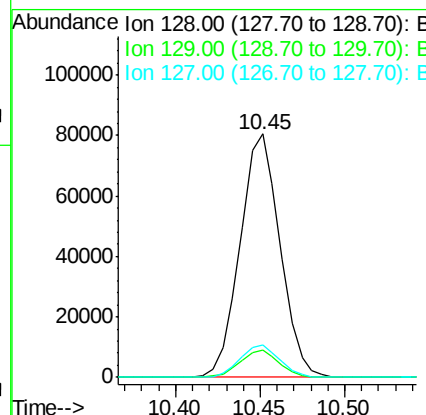
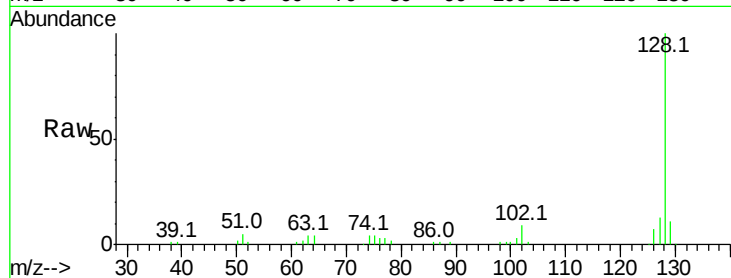




#28
Naphthalene
Concen: 25.71 ng/ul
RT: 10.45 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM004424.D
Acq: 26 Feb 2016 11:02

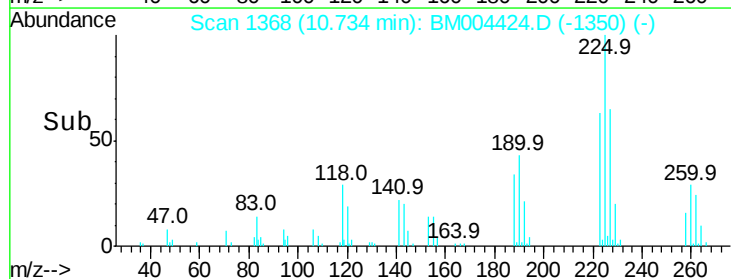
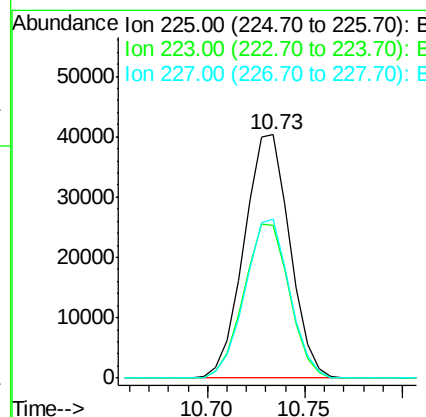
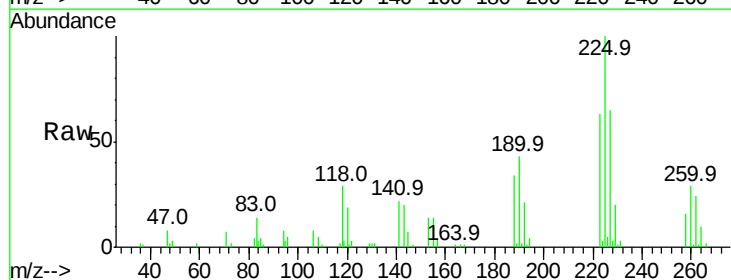
Instrument :
BNA_M
ClientSampleId :
D9R21

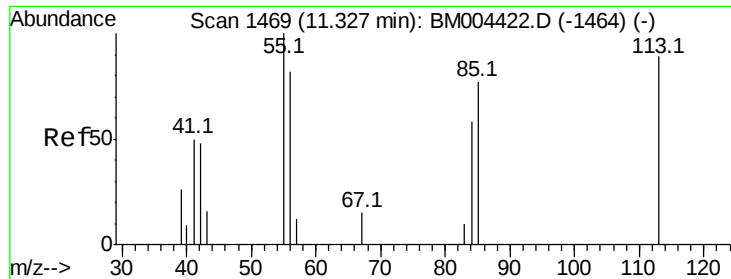
Tot Ion:128 Resp: 132518
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.5 15.7



#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

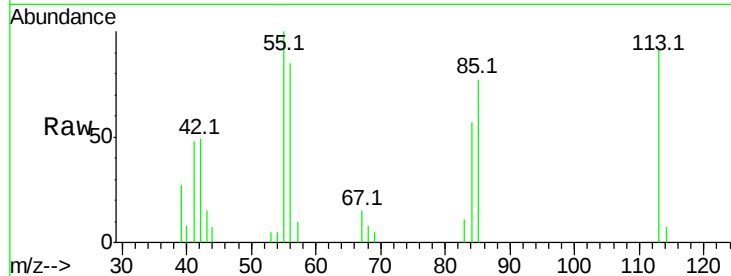
Tot Ion:113 Resp: 18492

Ion Ratio Lower Upper

113 100

55 109.0 101.9 152.9

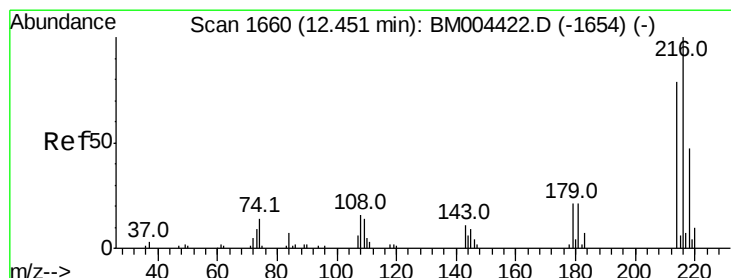
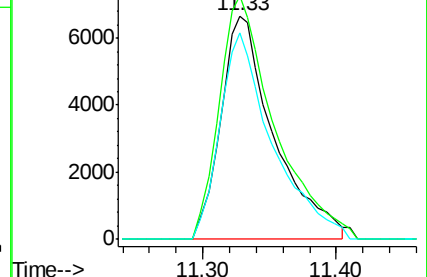
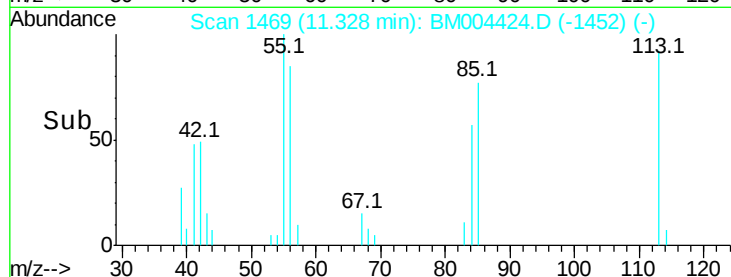
56 92.2 81.2 121.8



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



#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

Tgt Ion:216 Resp: 79506

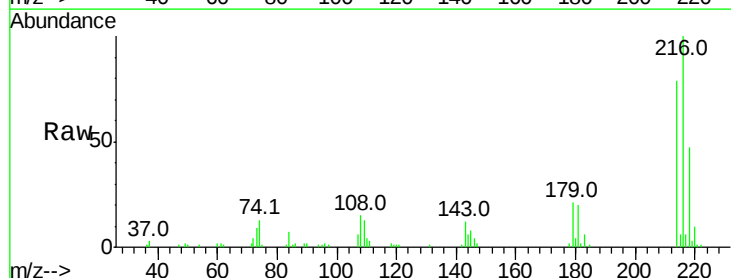
Ion Ratio Lower Upper

216 100

214 78.8 62.5 93.7

179 21.0 18.2 27.2

108 14.9 14.2 21.2

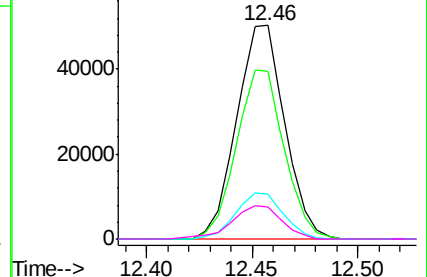
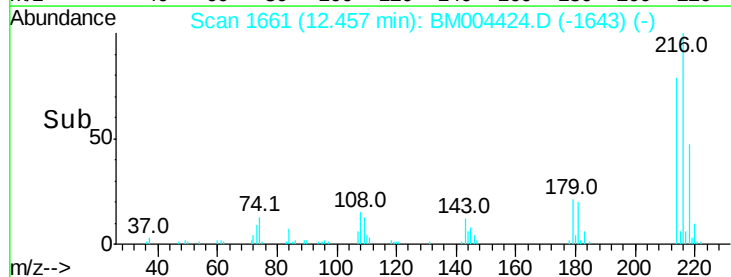


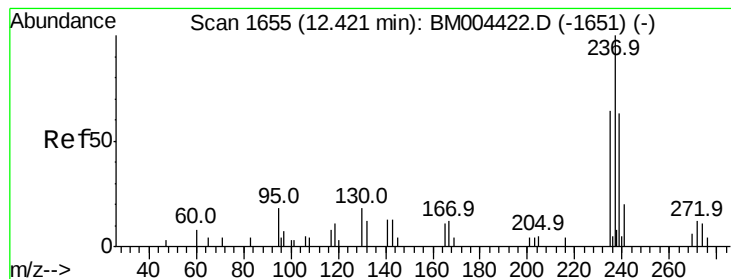
Abundance Ion 216.00 (215.70 to 216.70): E

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

Instrument :

BNA_M

ClientSampled :

D9R21

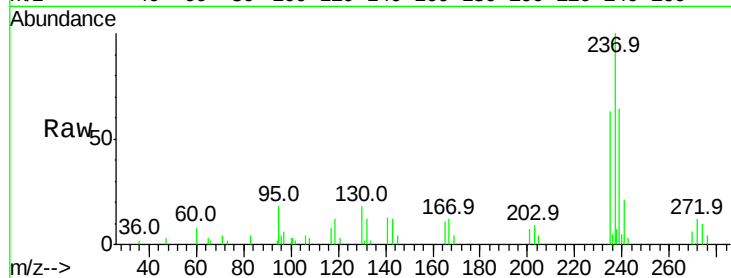
Tot Ion:237 Resp: 24177

Ion	Ratio	Lower	Upper
237	100		
235	62.7	50.4	75.6
272	12.2	9.6	14.4

237 100

235 62.7 50.4 75.6

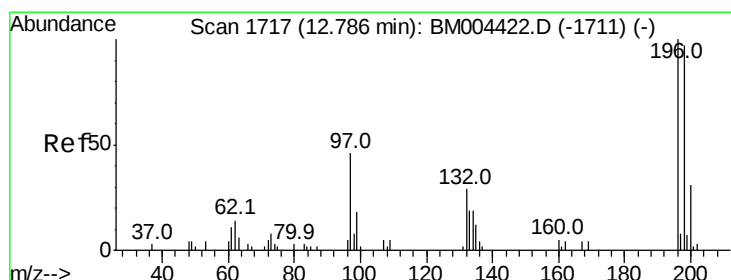
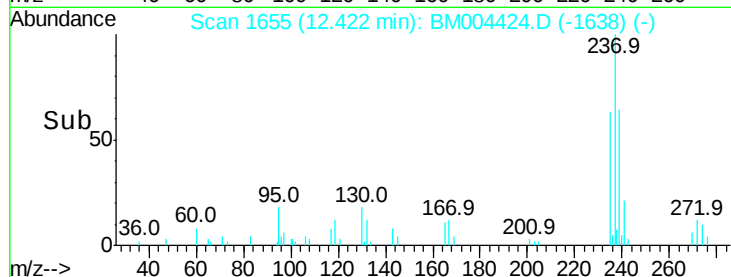
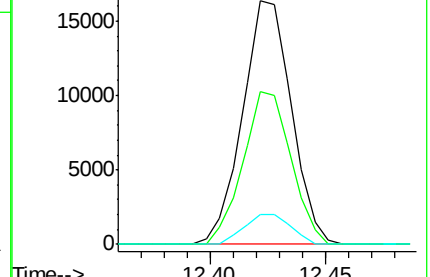
272 12.2 9.6 14.4



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

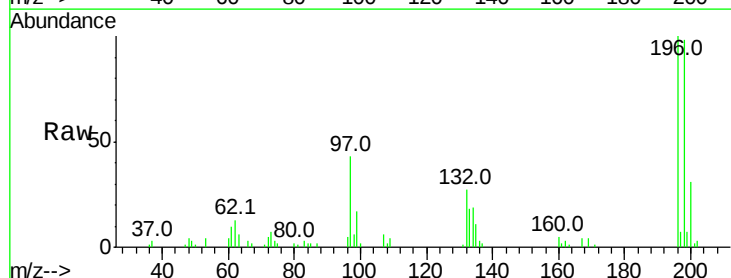
Tgt Ion:196 Resp: 50938

Ion	Ratio	Lower	Upper
196	100		
198	98.1	76.9	115.3
200	30.9	25.0	37.4

196 100

198 98.1 76.9 115.3

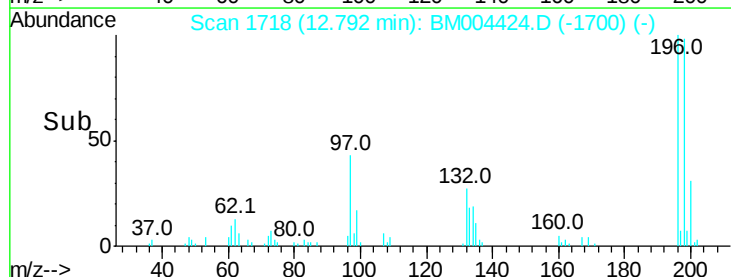
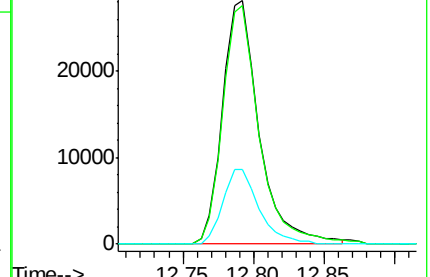
200 30.9 25.0 37.4

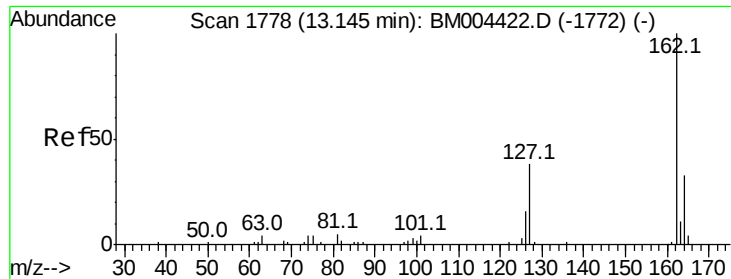


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

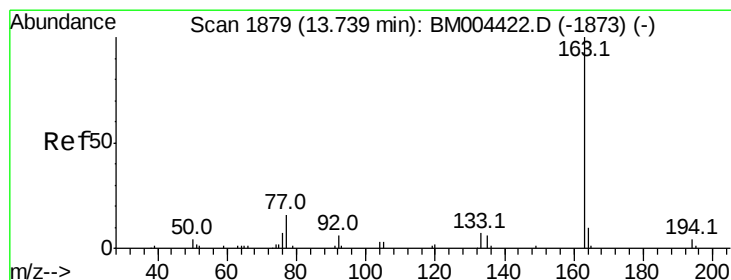
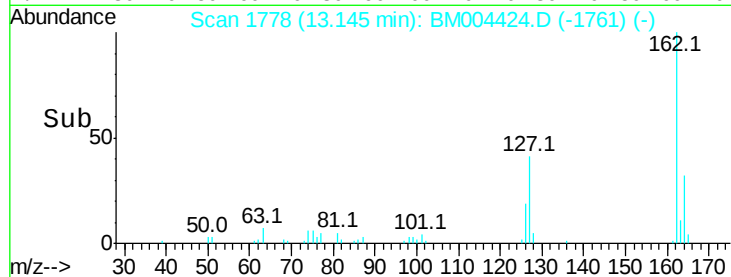
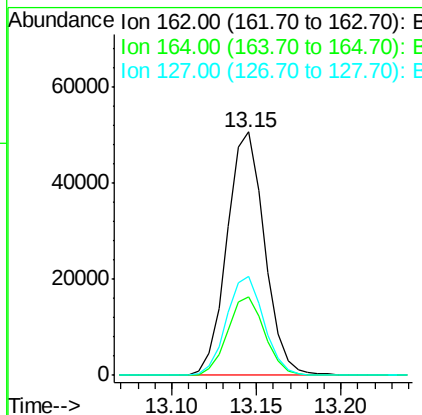
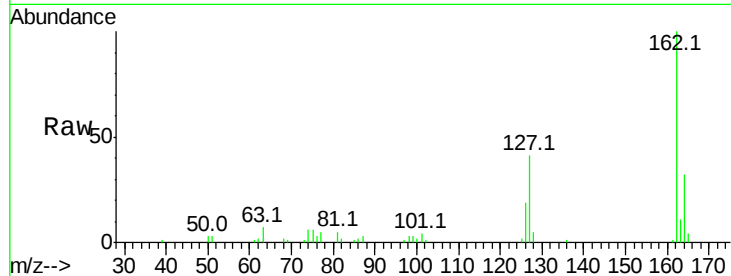




#42
2-Chloronaphthalene
Concen: 23.25 ng/ul
RT: 13.15 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BM004424.D
Acq: 26 Feb 2016 11:02

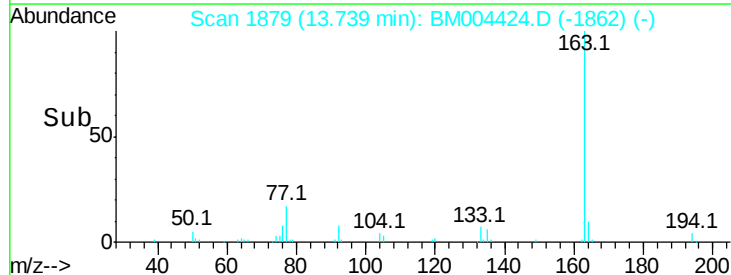
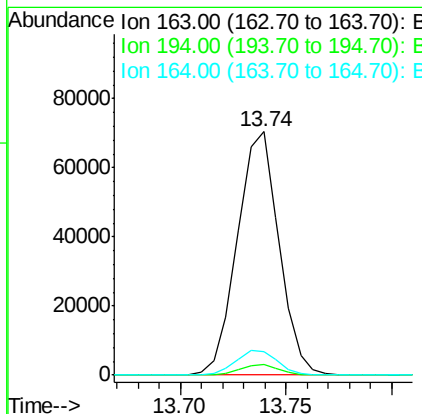
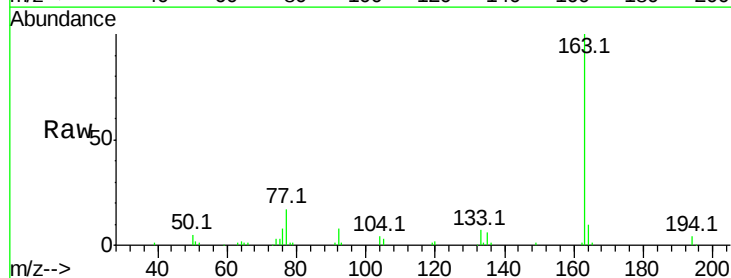
Instrument :
BNA_M
ClientSampleId :
D9R21

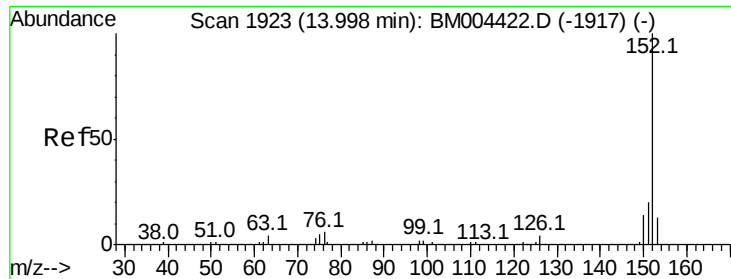
Tot Ion:162 Resp: 78583
Ion Ratio Lower Upper
162 100
164 32.1 25.9 38.9
127 40.8 34.1 51.1



#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

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





#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

Instrument :

BNA_M

ClientSampleId :

D9R21

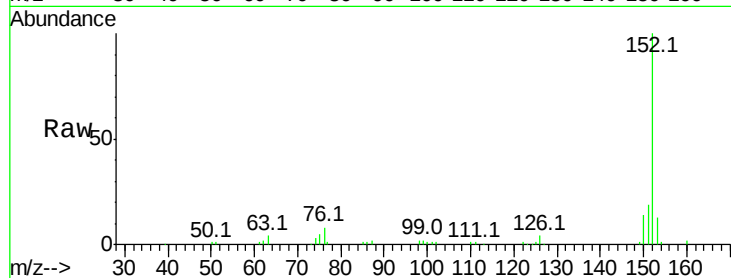
Tot Ion:152 Resp: 144011

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

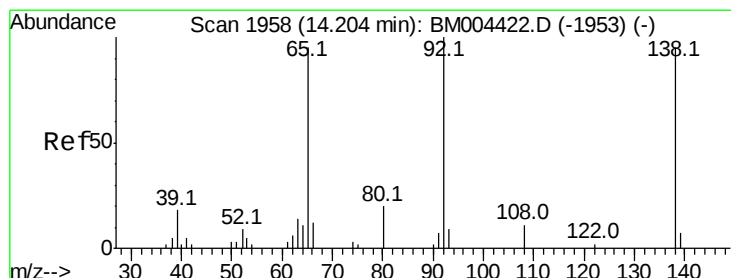
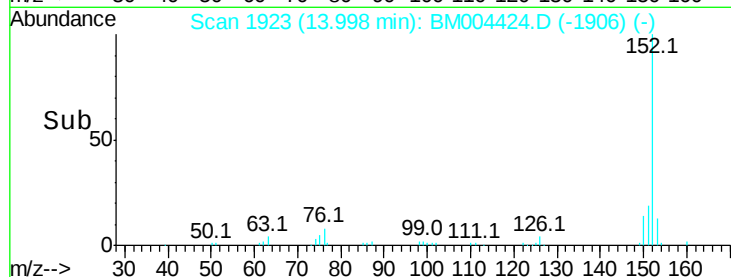
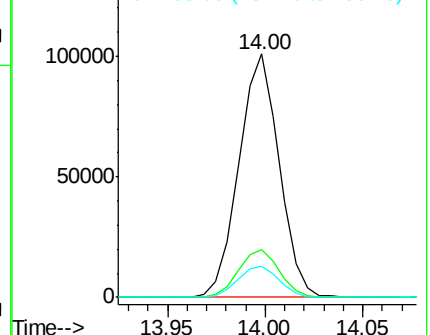
153 12.7 10.5 15.7



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

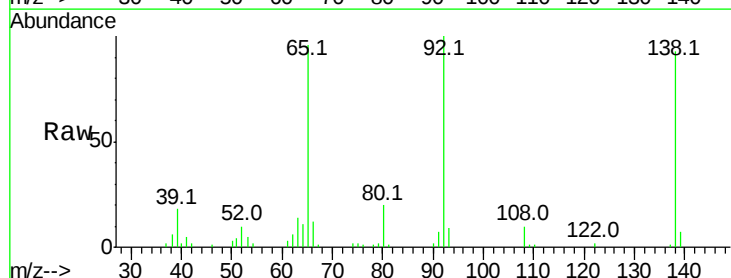
Tgt Ion:138 Resp: 49360

Ion Ratio Lower Upper

138 100

108 11.1 8.7 13.1

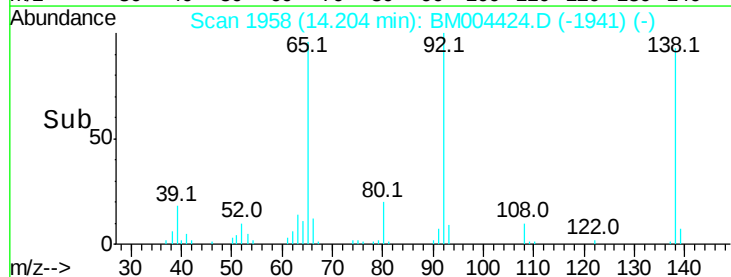
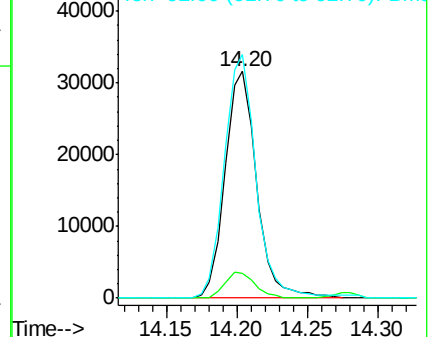
92 107.3 88.2 132.4

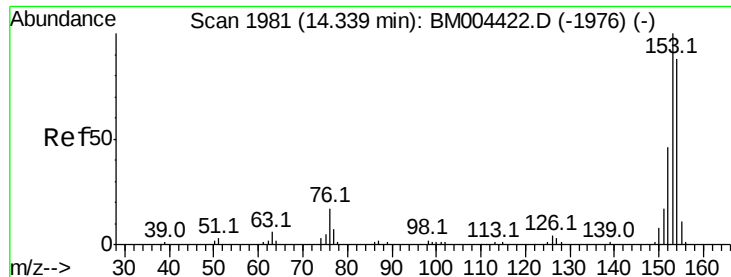


Abundance Ion 138.00 (137.70 to 138.70): E

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

Instrument :

BNA_M

ClientSampleId :

D9R21

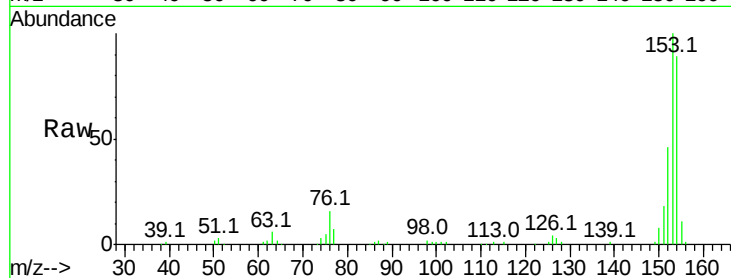
Tot Ion:153 Resp: 143084

Ion Ratio Lower Upper

153 100

152 46.4 38.3 57.5

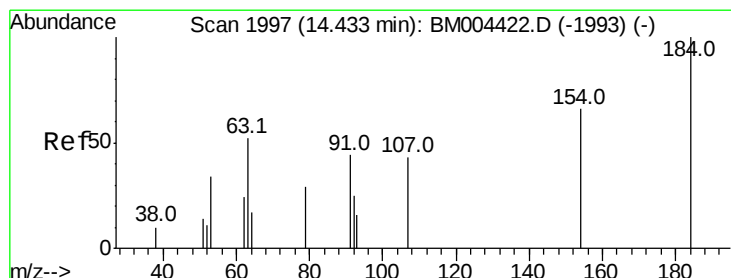
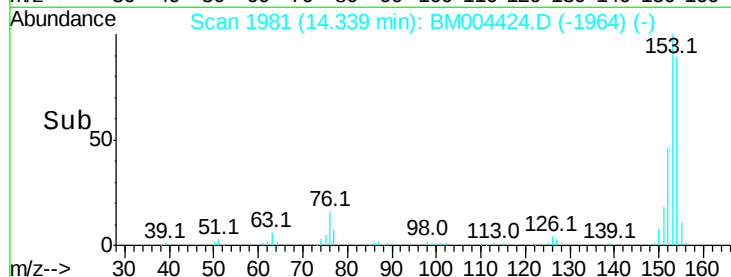
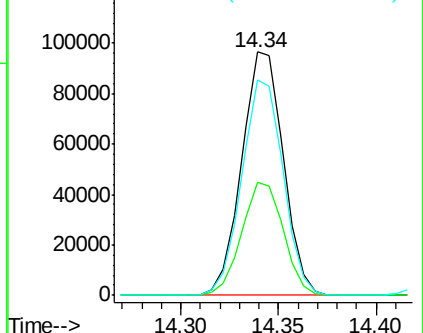
154 88.7 71.8 107.8



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

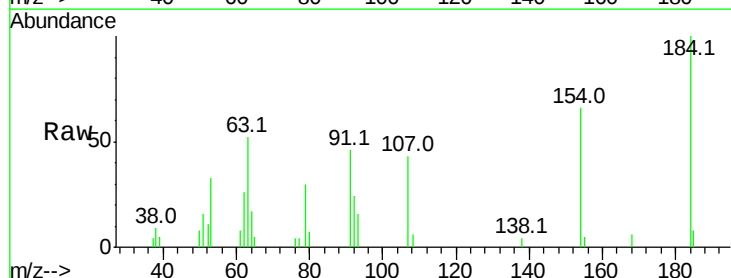
Tgt Ion:184 Resp: 18285

Ion Ratio Lower Upper

184 100

63 52.4 46.5 69.7

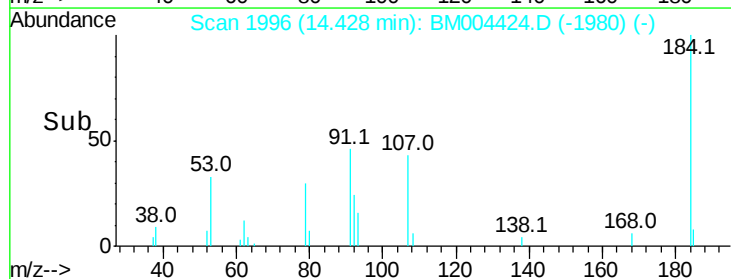
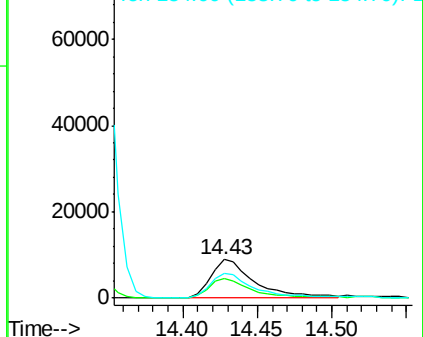
154 65.7 54.6 82.0

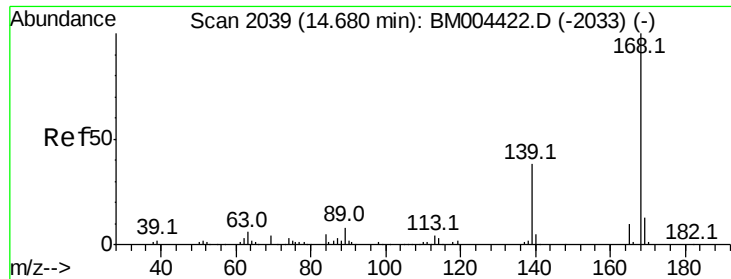


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

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

Instrument :

BNA_M

ClientSampleId :

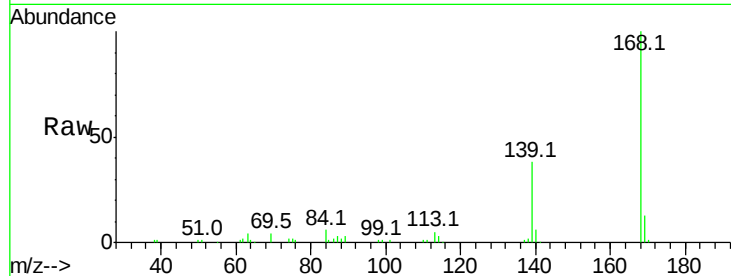
D9R21

Tot Ion:168 Resp: 115155

Ion Ratio Lower Upper

168 100

139 38.2 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.68

80000

60000

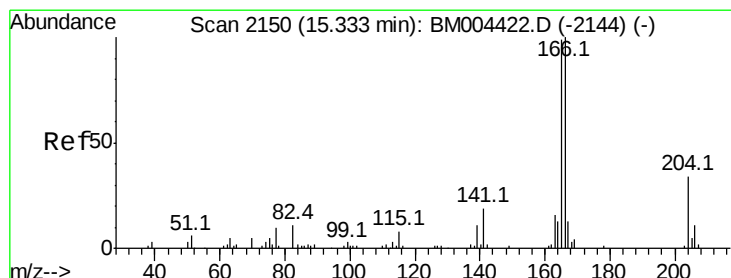
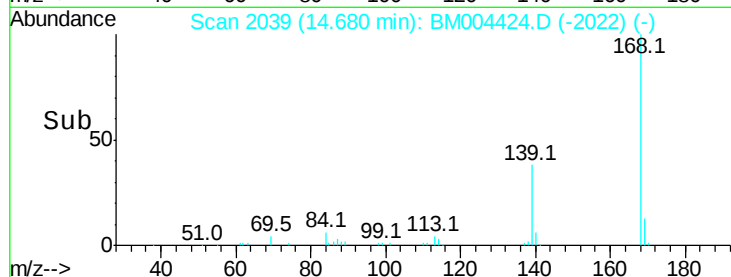
40000

20000

0

14.65 14.70

Time-->



#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

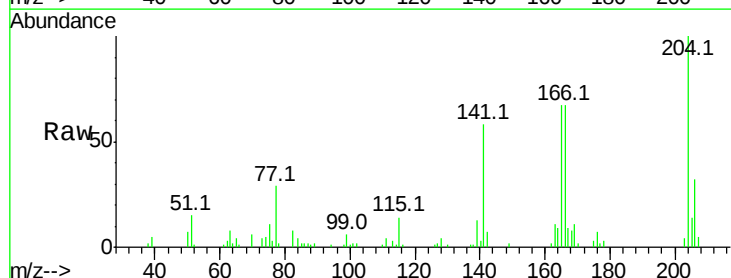
Tgt Ion:166 Resp: 37403

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

15.33

30000

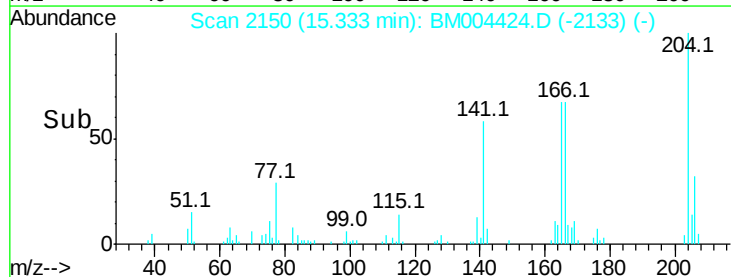
20000

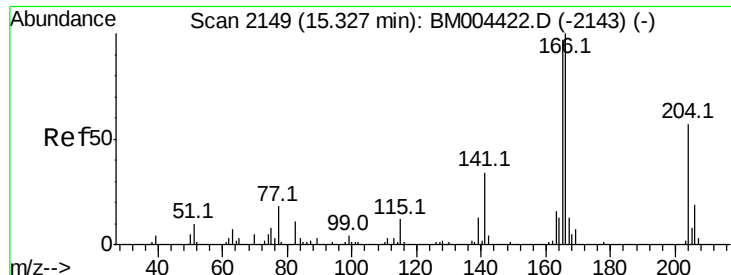
10000

0

15.30 15.35

Time-->





#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

Instrument :

BNA_M

ClientSampleId :

D9R21

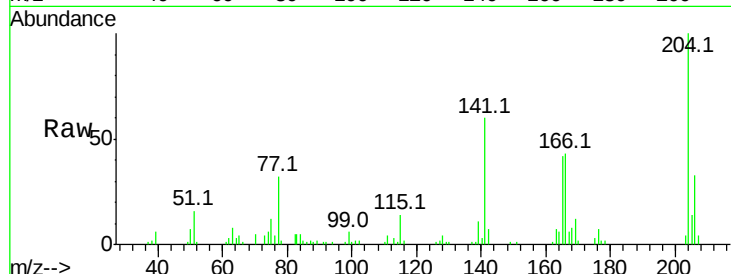
Tot Ion:204 Resp: 76268

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.4

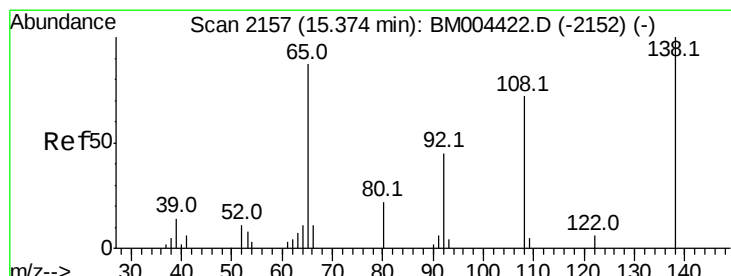
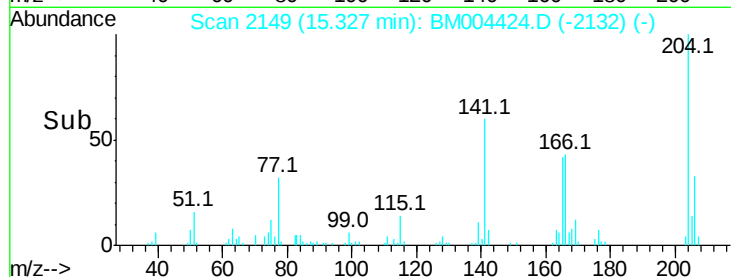
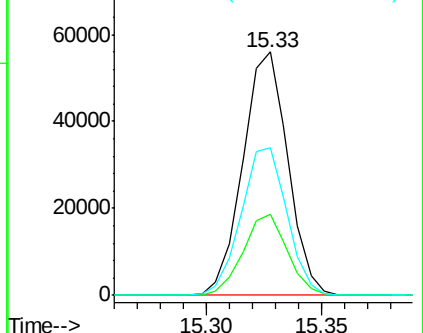
141 60.5 54.6 81.8



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

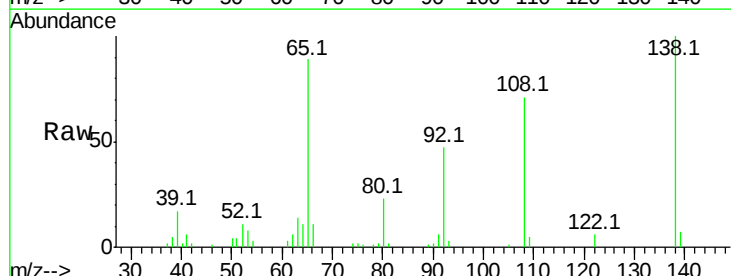
Tgt Ion:138 Resp: 63019

Ion Ratio Lower Upper

138 100

92 46.7 40.6 60.8

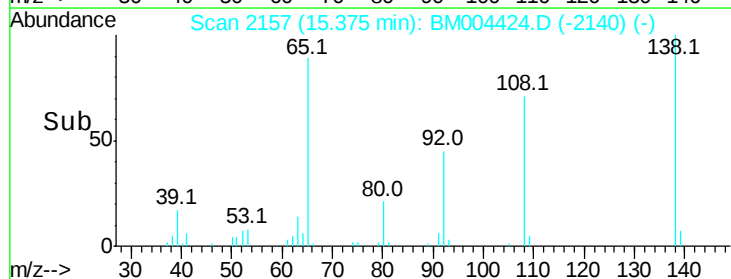
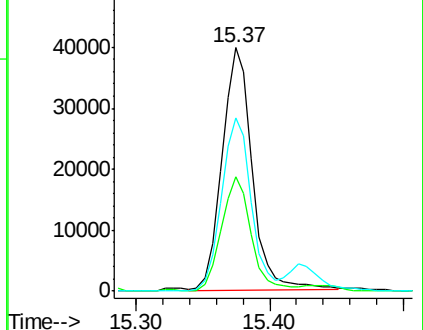
108 71.1 67.0 100.6

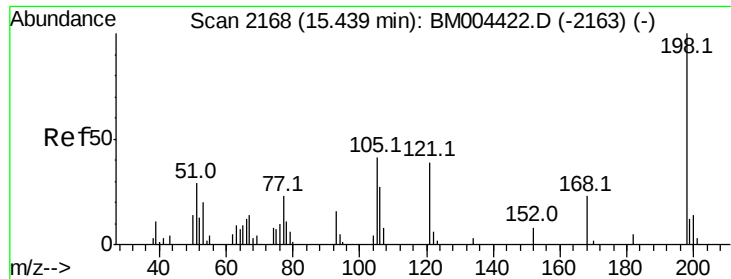


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#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

Instrument :

BNA_M

ClientSampleId :

D9R21

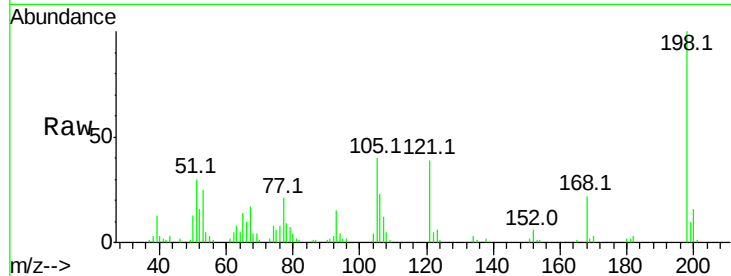
Tot Ion:198 Resp: 54687

Ion Ratio Lower Upper

198 100

182 3.0 3.1 4.7#

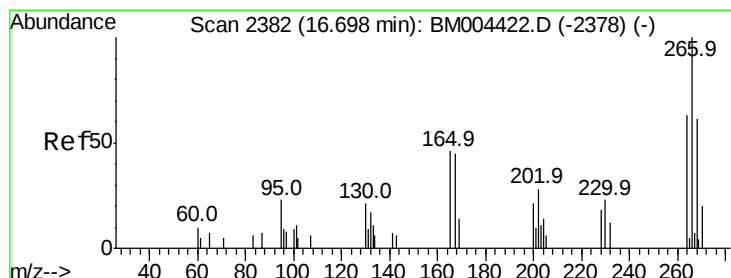
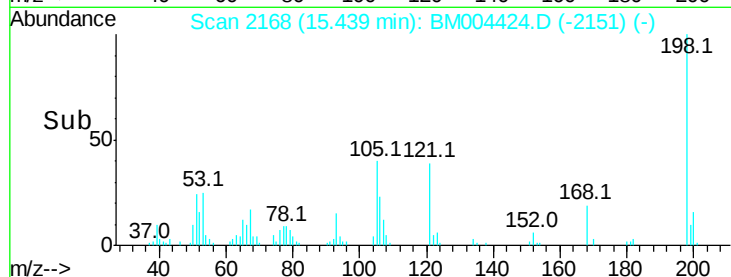
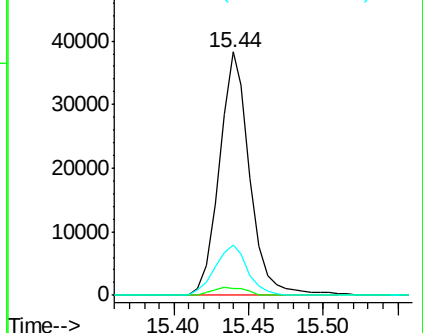
77 20.5 20.1 30.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM



#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

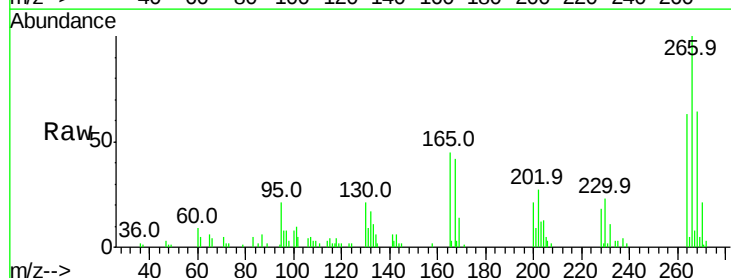
Tgt Ion:266 Resp: 46328

Ion Ratio Lower Upper

266 100

264 63.1 50.5 75.7

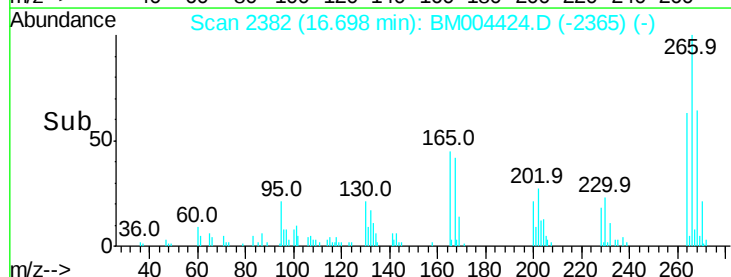
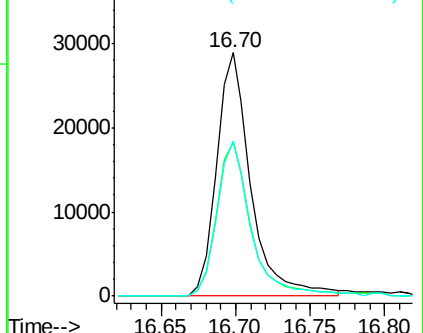
268 63.8 50.9 76.3

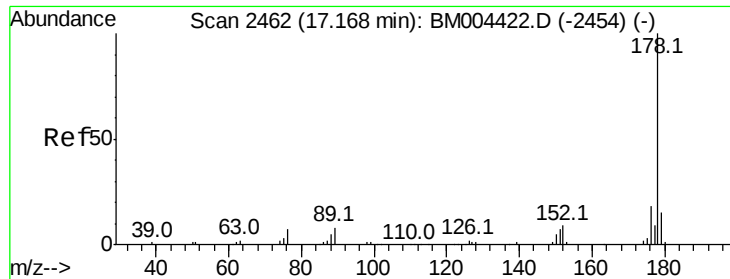


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

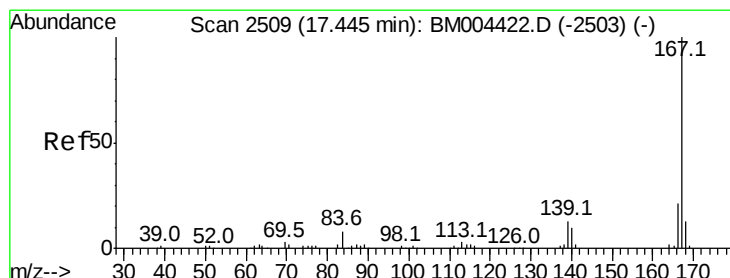
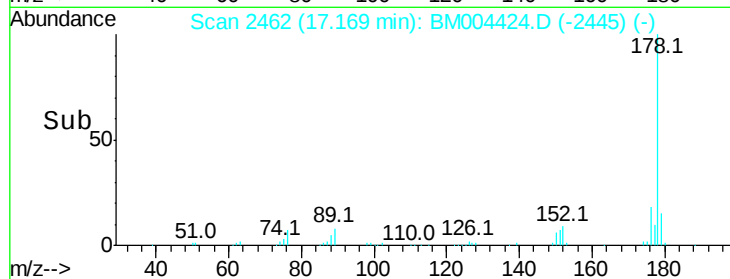
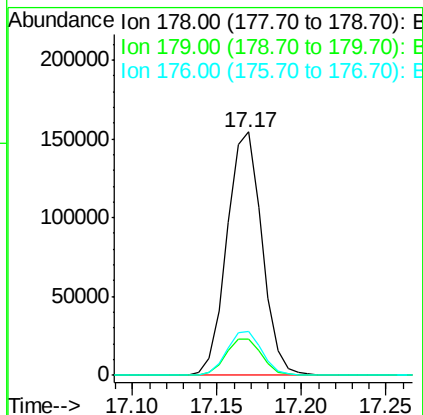
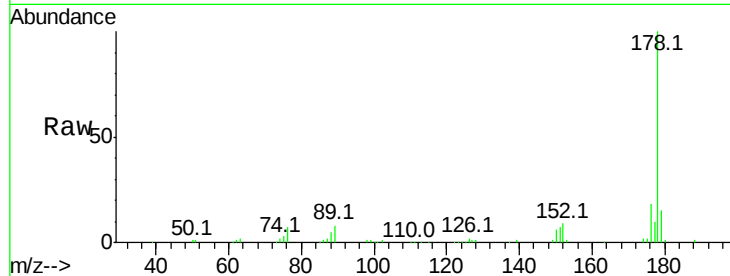




#72
 Anthracene
 Concen: 34.10 ng/ul
 RT: 17.17 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BM004424.D
 Acq: 26 Feb 2016 11:02

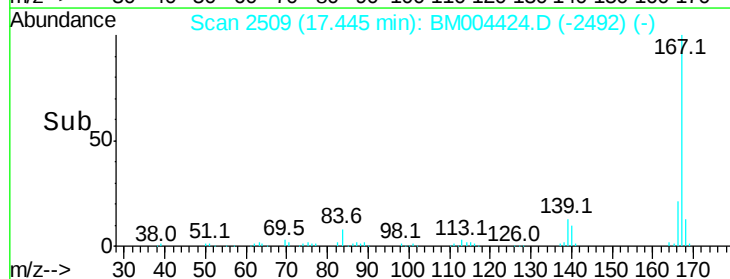
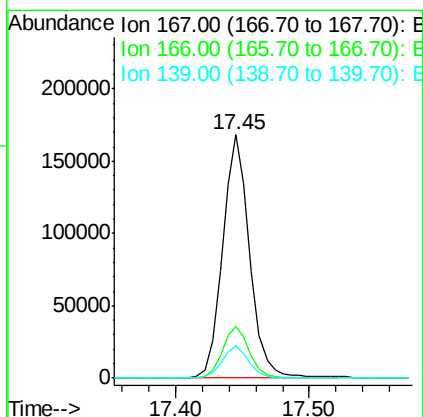
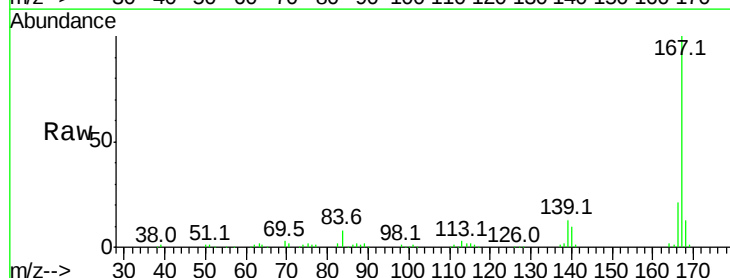
Instrument :
 BNA_M
 ClientSampleId :
 D9R21

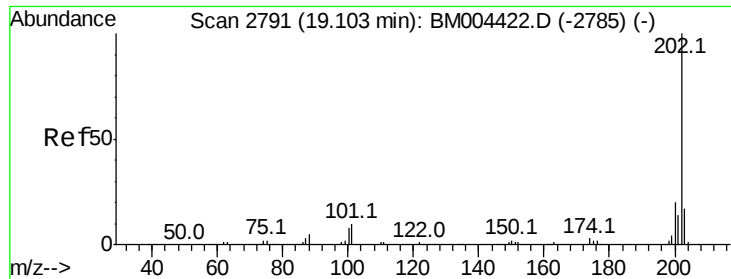
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.1	18.1
176	18.2	14.8	22.2



#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

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

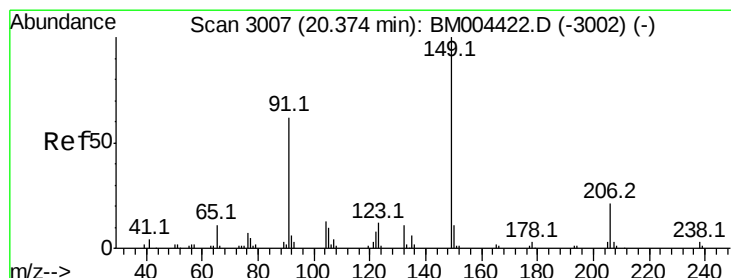
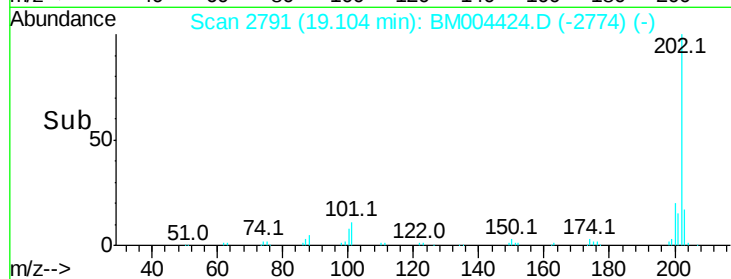
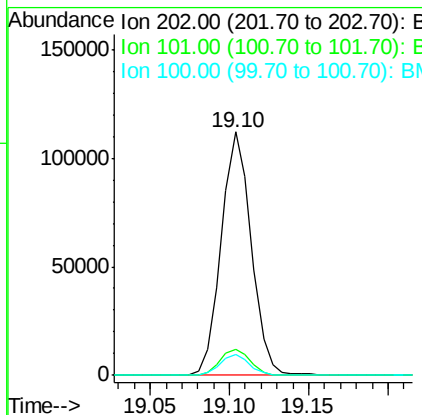
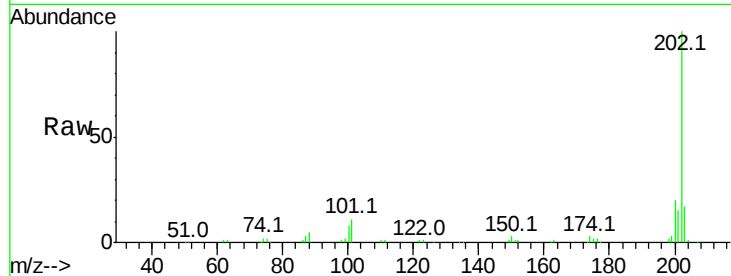




#77
Fluoranthene
 Concen: 20.28 ng/ul
 RT: 19.10 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: BM004424.D
 Acq: 26 Feb 2016 11:02

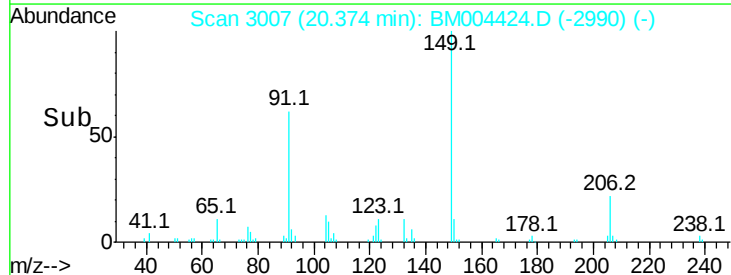
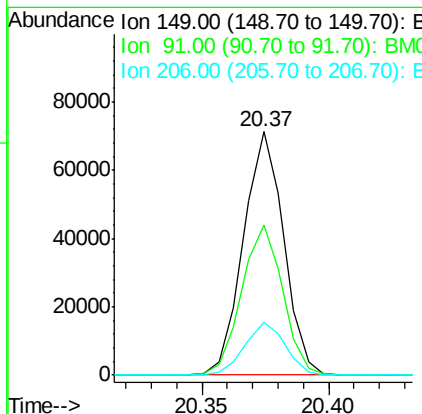
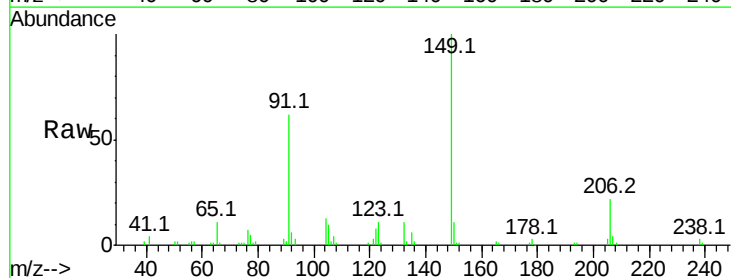
Instrument :
 BNA_M
 ClientSampleId :
 D9R21

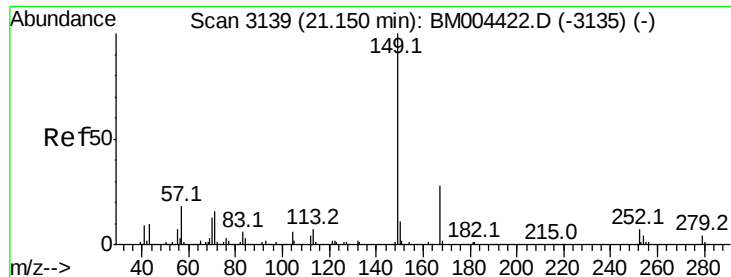
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.8	13.2
100	8.4	6.6	9.8



#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

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





#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

ClientSampled :

D9R21

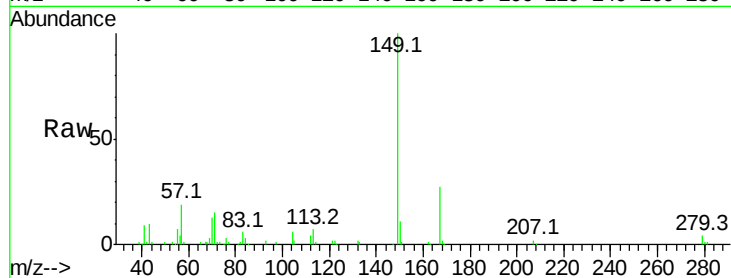
Tot Ion:149 Resp: 116284

Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

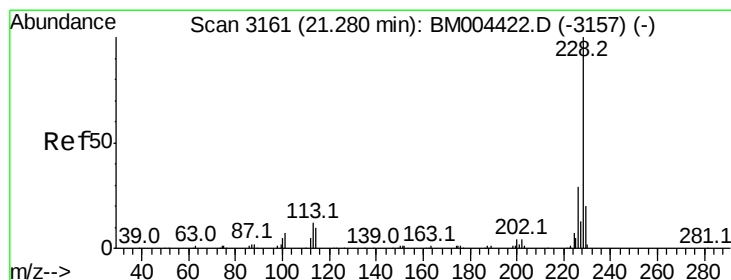
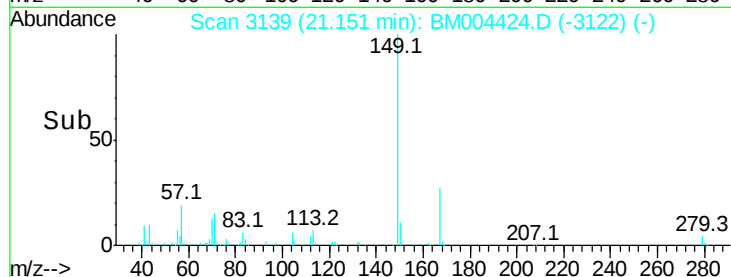
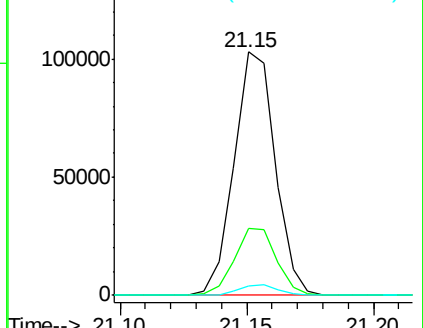
279 3.9 3.0 4.4



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

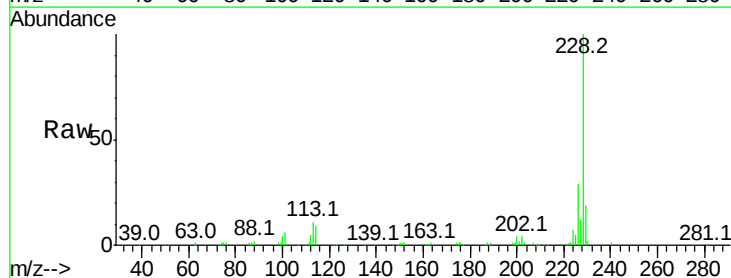
Tgt Ion:228 Resp: 231597

Ion Ratio Lower Upper

228 100

226 29.0 24.0 36.0

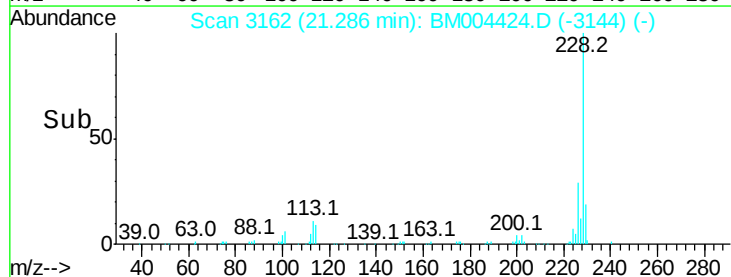
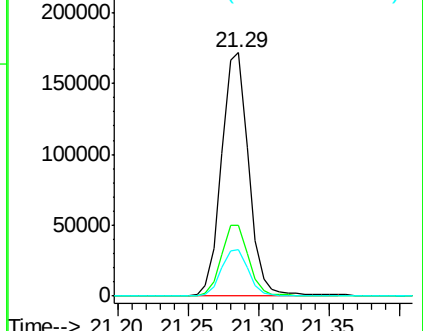
229 19.2 15.6 23.4

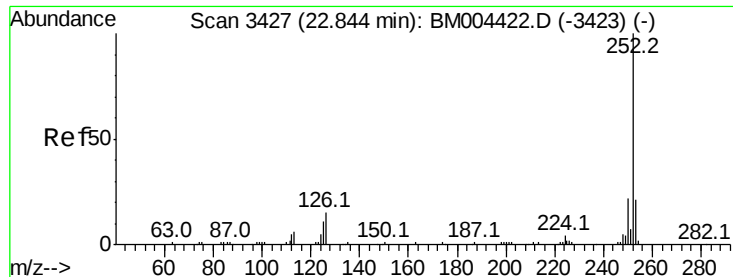


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#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

Instrument :

BNA_M

ClientSampleId :

D9R21

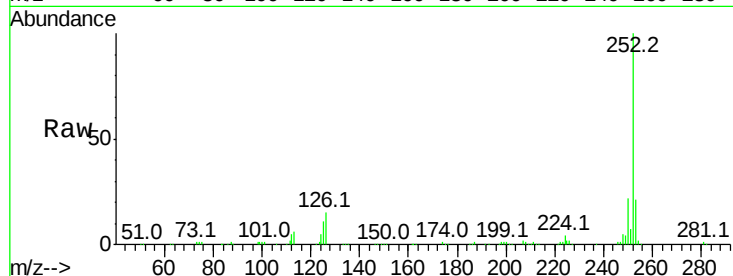
Tot Ion:252 Resp: 294182

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

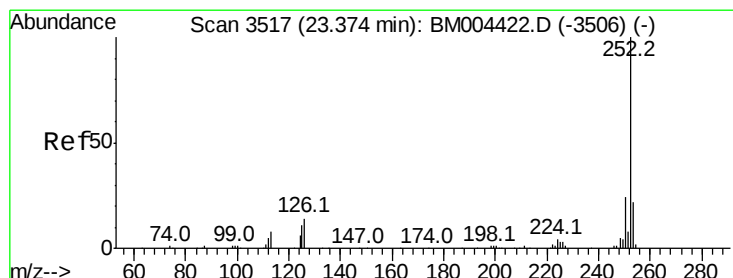
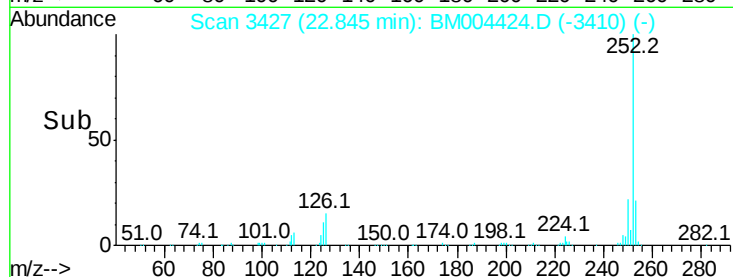
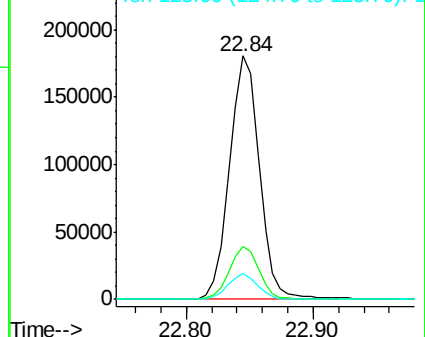
125 10.8 8.2 12.2



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

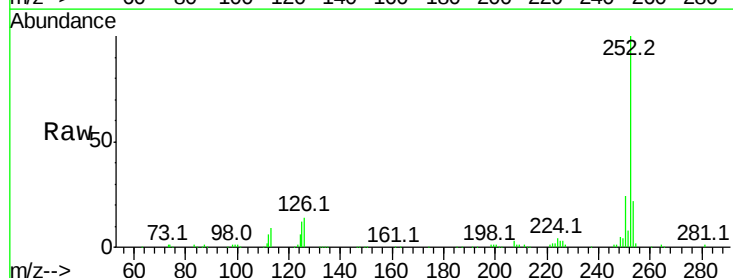
Tgt Ion:252 Resp: 284851

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

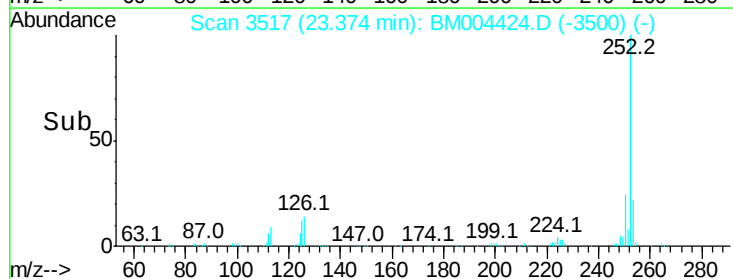
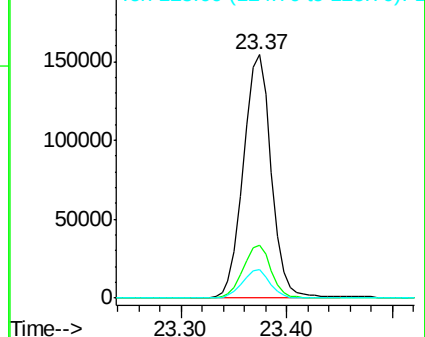
125 11.6 9.0 13.6

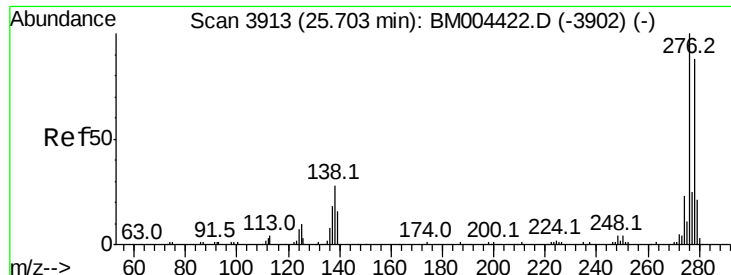


Abundance Ion 252.00 (251.70 to 252.70): E

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

Instrument :

BNA_M

ClientSampleId :

D9R21

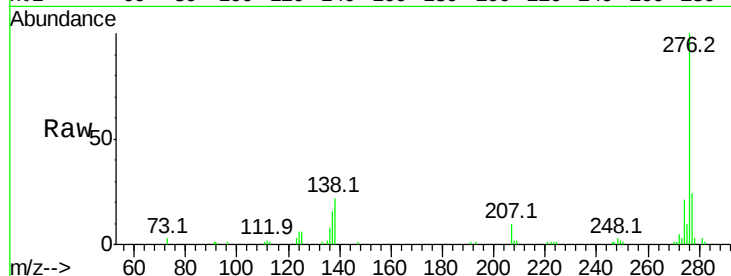
Tot Ion:276 Resp: 126763

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

