

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021516\
 Data File : BM004259.D
 Acq On : 15 Feb 2016 14:08
 Operator : SJ/UM
 Sample : H1416-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9QB9

Quant Time: Feb 16 01:02:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 16 00:58:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	29300	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	135734	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	82942	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	189867	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	181593	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	151339	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	3929	6.76	ng/uL	0.00
5) Phenol-d5	6.83	99	90926	38.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	47966	37.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	81861	39.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	81260	40.53	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	41420	39.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	47509	40.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	84141	39.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	9022	3.60	ng/ul	0.01
44) Dimethylphthalate-d6	13.72	166	279406	40.48	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	335117	39.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	50512	45.24	ng/ul	0.00
58) Fluorene-d10	15.30	176	235950	40.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	41423	35.83	ng/ul	0.00
71) Anthracene-d10	17.16	188	365715	39.40	ng/ul	0.00
79) Pyrene-d10	19.47	212	397913	41.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	319385	39.55	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	6.79	77	3661	2.70	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.21	93	1979	1.03	ng/ul#	1
10) 2-Chlorophenol	7.21	128	92527	42.65	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.18	45	110133	59.03	ng/ul	98
14) Acetophenone	8.47	105	141660	44.34	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.36	70	1650	1.07	ng/ul#	1
17) Hexachloroethane	8.71	117	17282	20.00	ng/ul	95
20) Nitrobenzene	8.85	77	146474	61.66	ng/ul	96
23) 2-Nitrophenol	9.56	139	70555	53.82	ng/ul	95
27) 2,4-Dichlorophenol	10.09	162	59778	27.32	ng/ul	99
28) Naphthalene	10.48	128	128982	17.09	ng/ul	99
33) 4-Chloro-3-methylphenol	11.75	107	132480	54.59	ng/ul	99
35) 1-Methylnaphthalene	12.33	142	258001	50.11	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	60072	20.69	ng/ul	99
39) 2,4,6-Trichlorophenol	12.73	196	64983	35.40	ng/ul	99
40) 2,4,5-Trichlorophenol	12.73	196	64983	32.86	ng/ul	99
41) 1,1'-Biphenyl	13.13	154	304459	41.06	ng/ul	99
43) 2-Nitroaniline	13.39	65	52552	38.22	ng/ul	96
45) Dimethylphthalate	13.80	163	34191	4.74	ng/ul#	95
46) 2,6-Dinitrotoluene	13.90	165	69028	48.53	ng/ul	96
48) Acenaphthylene	14.03	152	493512	53.89	ng/ul	99
50) Acenaphthene	14.37	153	29907	4.82	ng/ul	98
53) 4-Nitrophenol	14.56	109	67476	75.56	ng/ul	96

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021516\
 Data File : BM004259.D
 Acq On : 15 Feb 2016 14:08
 Operator : SJ/UM
 Sample : H1416-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9QB9

Quant Time: Feb 16 01:02:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 16 00:58:01 2016
 Response via : Initial Calibration

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

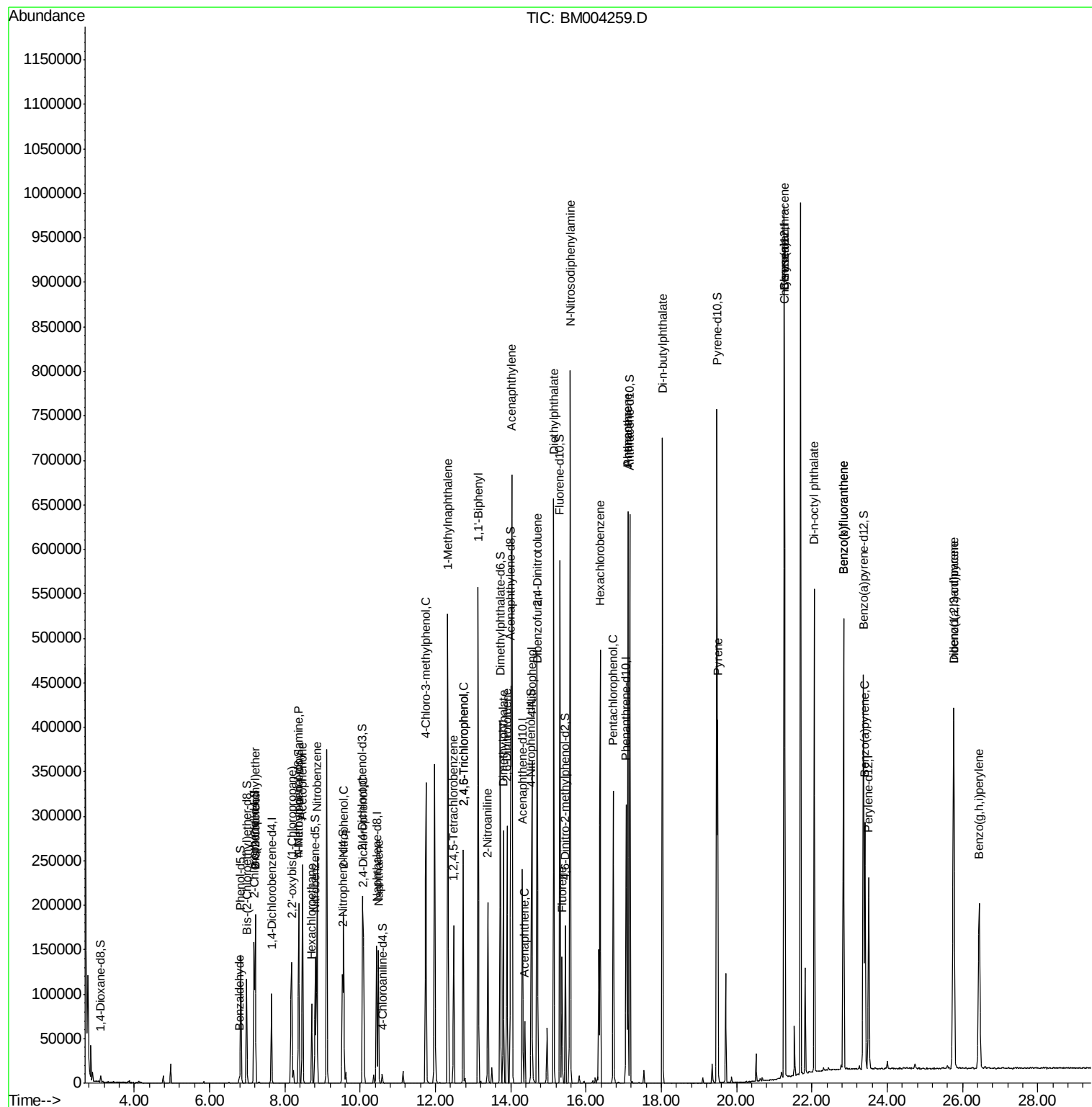
54) Dibenzofuran	14.71	168	187401	21.86	ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	119602	58.50	ng/ul	97
57) Diethylphthalate	15.14	149	381390	52.65	ng/ul	100
59) Fluorene	15.36	166	64570	9.35	ng/ul	98
65) N-Nitrosodiphenylamine	15.57	169	322821	50.39	ng/ul	99
67) Hexachlorobenzene	16.37	284	103210	41.75	ng/ul	92
69) Pentachlorophenol	16.72	266	58963	51.51	ng/ul	98
70) Phenanthrene	17.10	178	385302	33.55	ng/ul	99
72) Anthracene	17.10	178	385302	33.05	ng/ul	99
76) Di-n-butylphthalate	18.03	149	576133	45.40	ng/ul	100
80) Pyrene	19.50	202	233456	17.78	ng/ul	99
83) Benzo(a)anthracene	21.26	228	496618	42.48	ng/ul	99
85) Chrysene	21.26	228	496618	45.00	ng/ul	96
87) Di-n-octyl phthalate	22.06	149	411632	35.66	ng/ul#	97
88) Benzo(b)fluoranthene	22.84	252	345831	34.54	ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	298858	31.26	ng/ul	100
91) Benzo(a)pyrene	23.41	252	198977	20.90	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.76	276	101227	9.39	ng/ul#	73
93) Dibenzo(a,h)anthracene	25.76	278	438439	48.43	ng/ul	99
94) Benzo(g,h,i)perylene	26.44	276	230395	25.30	ng/ul	99

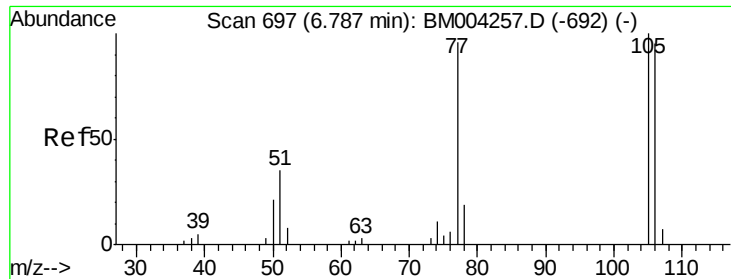
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021516\
Data File : BM004259.D
Acq On : 15 Feb 2016 14:08
Operator : SJ/UM
Sample : H1416-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9QB9

Quant Time: Feb 16 01:02:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 16 00:58:01 2016
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.70 ng/ul

RT: 6.79 min Scan# 698

Delta R.T. 0.01 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

Instrument :

BNA_M

ClientSampleId :

D9QB9

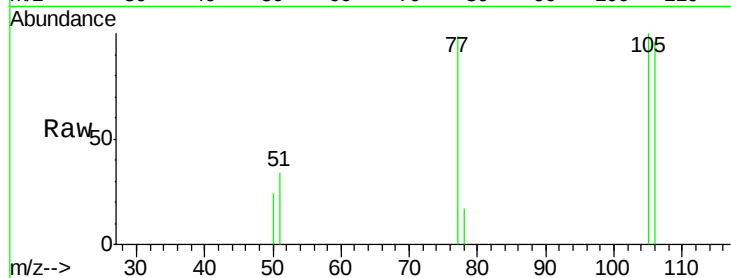
Tgt Ion: 77 Resp: 3661

Ion Ratio Lower Upper

77 100

105 101.3 80.6 120.8

106 96.8 77.7 116.5



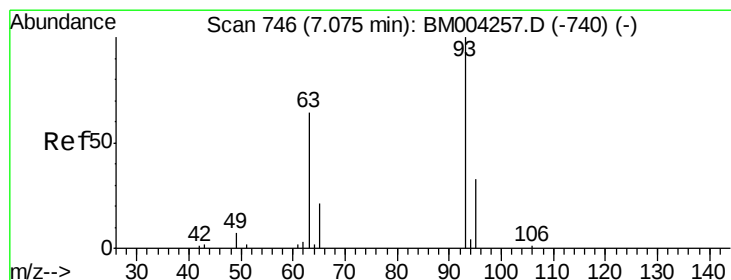
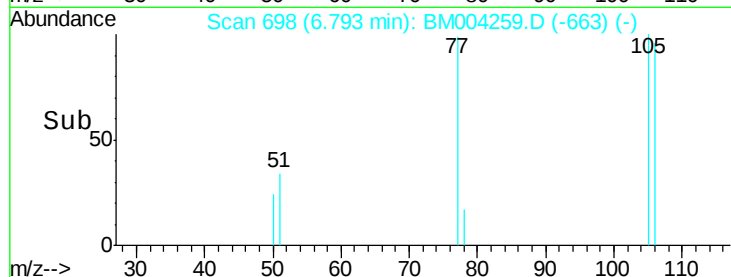
Abundance Ion 77.00 (76.70 to 77.70): BM004257.D (-692) (-)

Ion 105.00 (104.70 to 105.70): BM004257.D (-692) (-)

Ion 106.00 (105.70 to 106.70): BM004257.D (-692) (-)

6.79

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 1.03 ng/ul

RT: 7.21 min Scan# 769

Delta R.T. 0.14 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

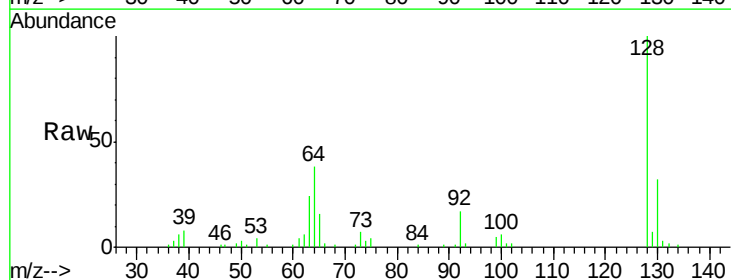
Tgt Ion: 93 Resp: 1979

Ion Ratio Lower Upper

93 100

63 1106.2 53.5 80.3#

95 0.0 26.2 39.2#



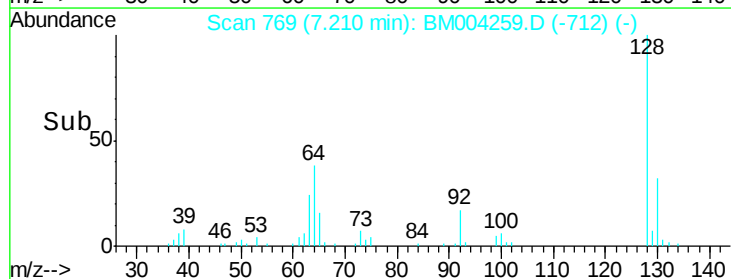
Abundance Ion 93.00 (92.70 to 93.70): BM004257.D (-740) (-)

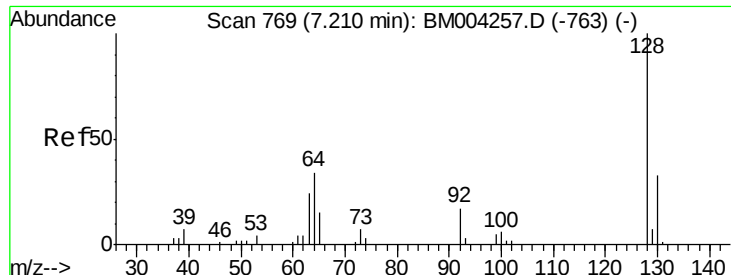
Ion 63.00 (62.70 to 63.70): BM004257.D (-740) (-)

Ion 95.00 (94.70 to 95.70): BM004257.D (-740) (-)

7.21

Time-->

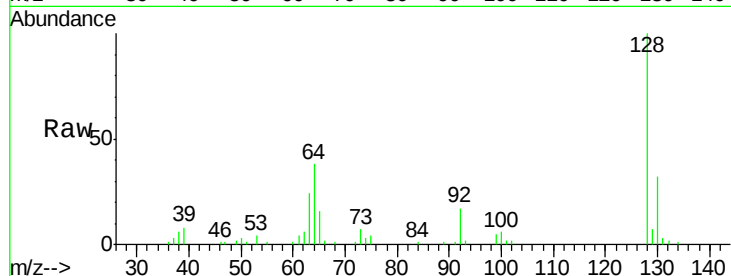




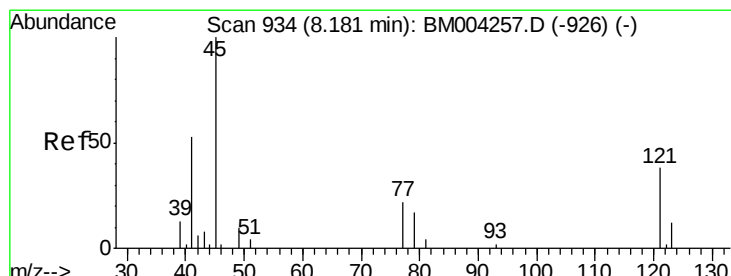
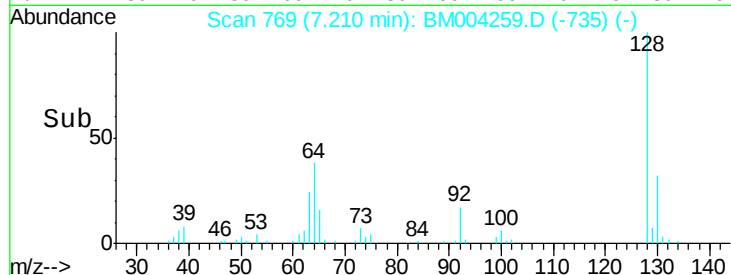
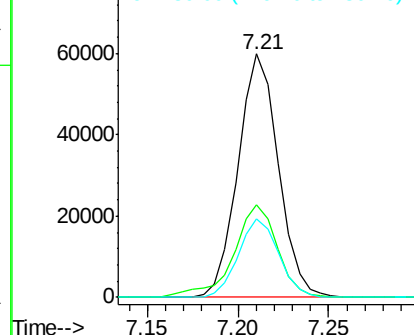
#10
 2-Chlorophenol
 Concen: 42.65 ng/ul
 RT: 7.21 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BM004259.D
 Acq: 15 Feb 2016 14:08

Instrument :
 BNA_M
 ClientSampleId :
 D9QB9

Tgt Ion: 128 Resp: 92527
 Ion Ratio Lower Upper
 128 100
 64 38.1 31.9 47.9
 130 32.4 25.6 38.4

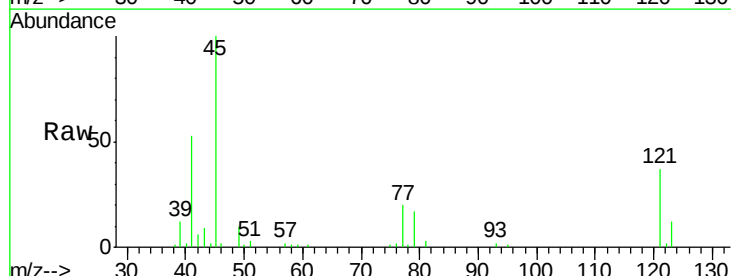


Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 64.00 (63.70 to 64.70): BM
 Ion 130.00 (129.70 to 130.70): E

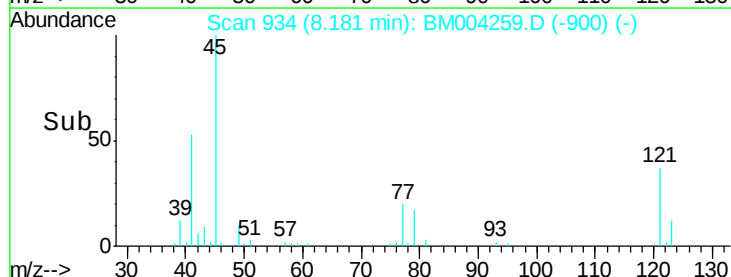
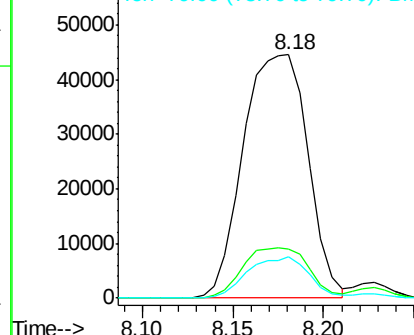


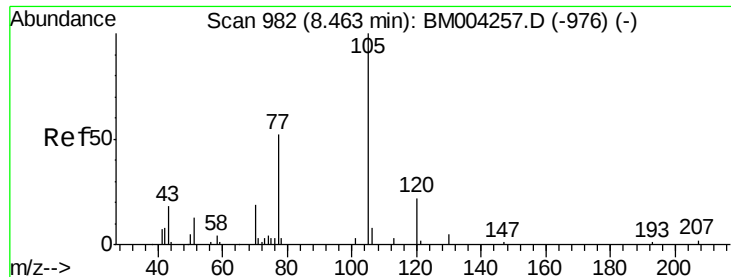
#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 59.03 ng/ul
 RT: 8.18 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BM004259.D
 Acq: 15 Feb 2016 14:08

Tgt Ion: 45 Resp: 110133
 Ion Ratio Lower Upper
 45 100
 77 20.2 15.9 23.9
 79 16.8 12.5 18.7



Abundance Ion 45.00 (44.70 to 45.70): BM
 Ion 77.00 (76.70 to 77.70): BM
 Ion 79.00 (78.70 to 79.70): BM





#14

Acetophenone

Concen: 44.34 ng/ul

RT: 8.47 min Scan# 983

Delta R.T. 0.01 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

Instrument :

BNA_M

ClientSampleId :

D9QB9

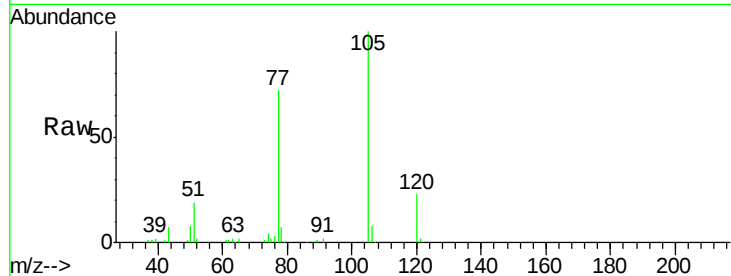
Tgt Ion: 105 Resp: 141660

Ion Ratio Lower Upper

105 100

77 71.6 59.0 88.4

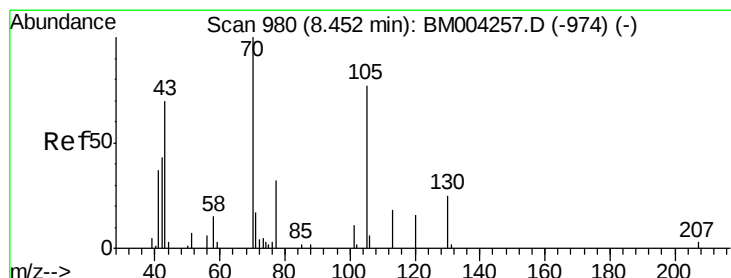
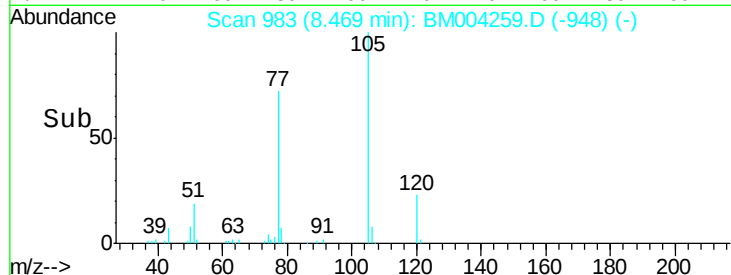
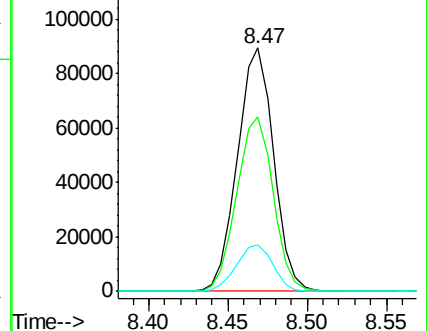
51 18.9 16.4 24.6



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#15

N-Nitroso-di-n-propylamine

Concen: 1.07 ng/ul

RT: 8.36 min Scan# 965

Delta R.T. -0.09 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

Tgt Ion: 70 Resp: 1650

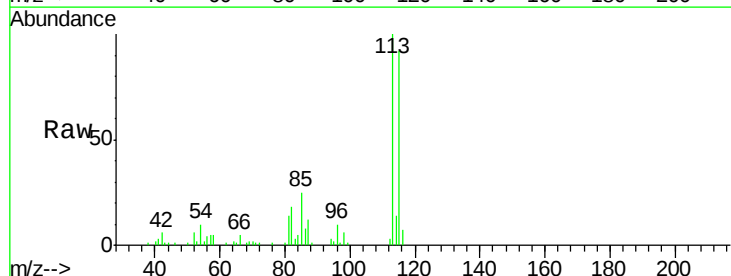
Ion Ratio Lower Upper

70 100

42 285.4 35.4 53.0#

101 0.0 8.4 12.6#

130 0.0 18.2 27.4#

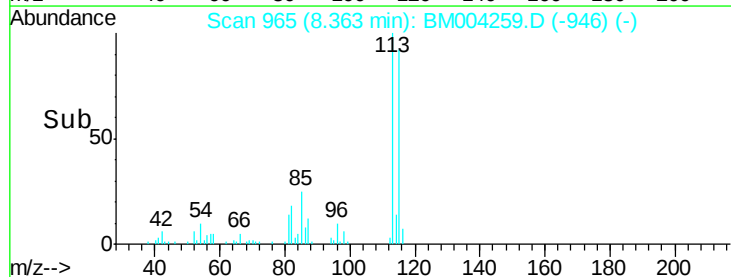
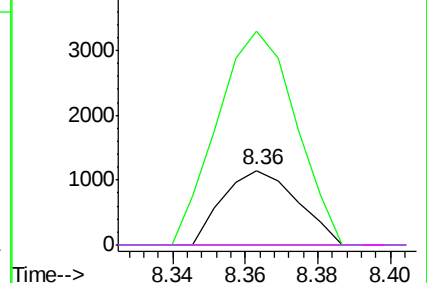


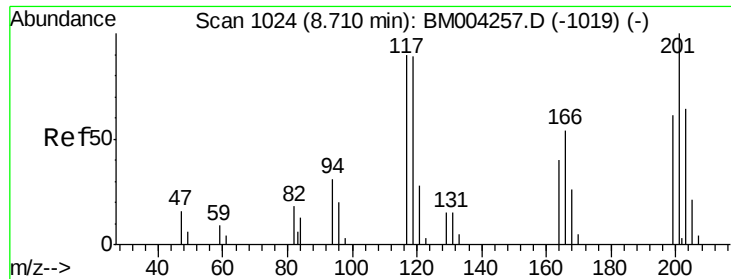
Abundance Ion 70.00 (69.70 to 70.70): BM0

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

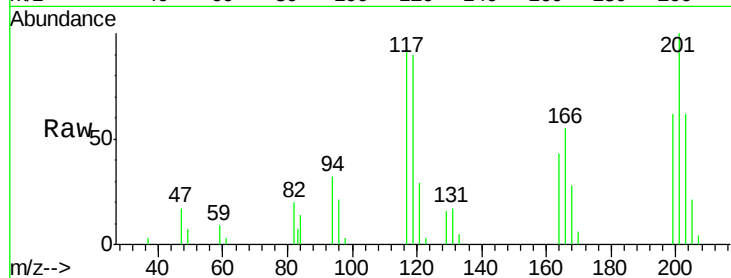




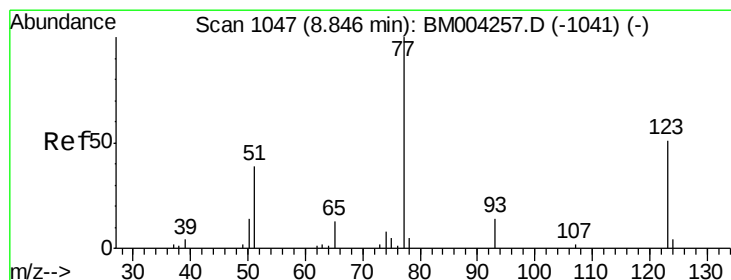
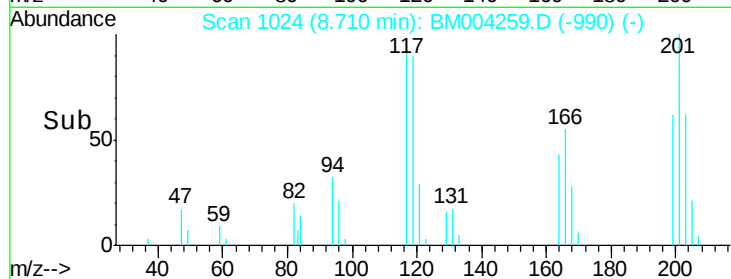
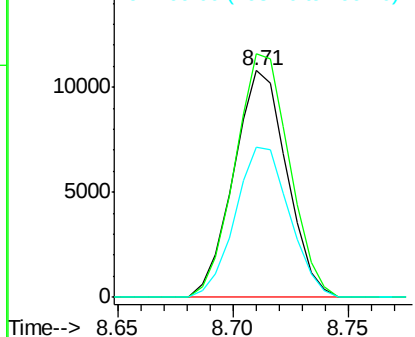
#17
Hexachloroethane
Concen: 20.00 ng/ul
RT: 8.71 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BM004259.D
Acq: 15 Feb 2016 14:08

Instrument :
BNA_M
ClientSampleId :
D9QB9

Tgt Ion: 117 Resp: 17282
Ion Ratio Lower Upper
117 100
201 107.4 81.5 122.3
199 66.4 50.6 76.0

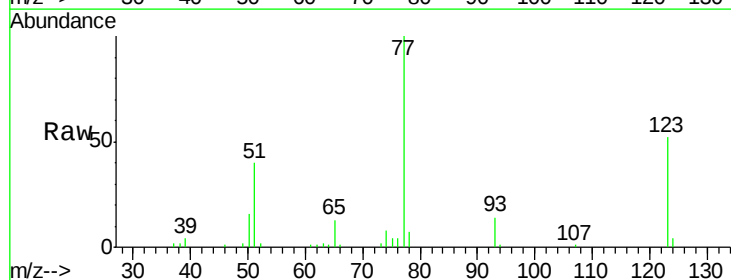


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

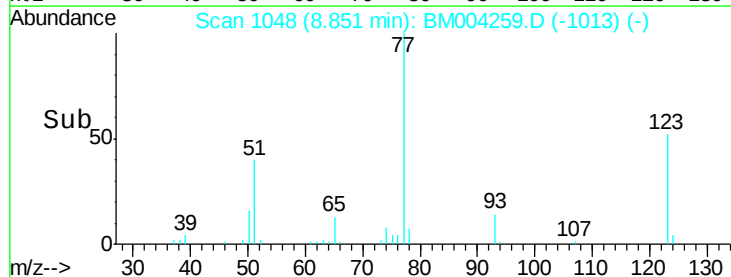
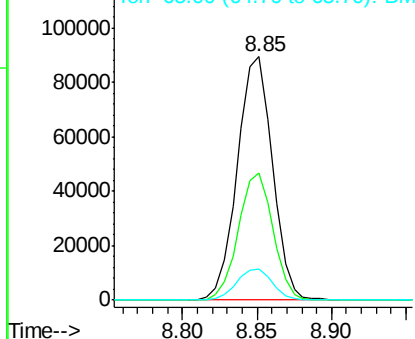


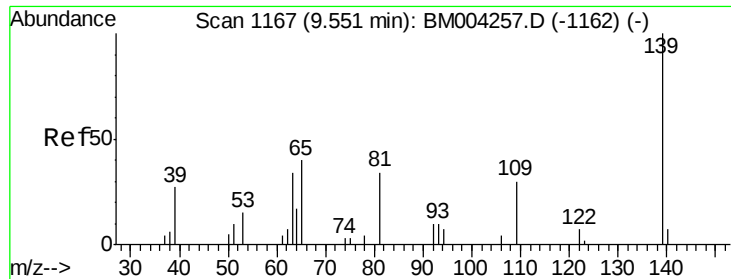
#20
Nitrobenzene
Concen: 61.66 ng/ul
RT: 8.85 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BM004259.D
Acq: 15 Feb 2016 14:08

Tgt Ion: 77 Resp: 146474
Ion Ratio Lower Upper
77 100
123 52.1 39.0 58.4
65 12.9 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

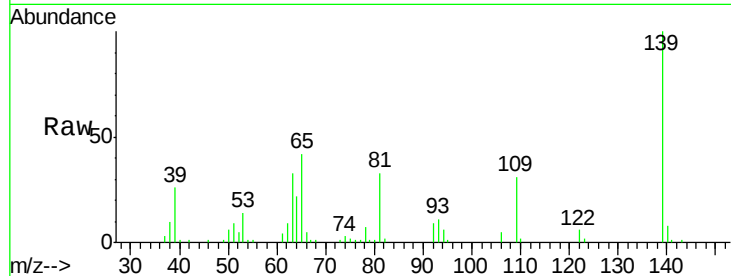




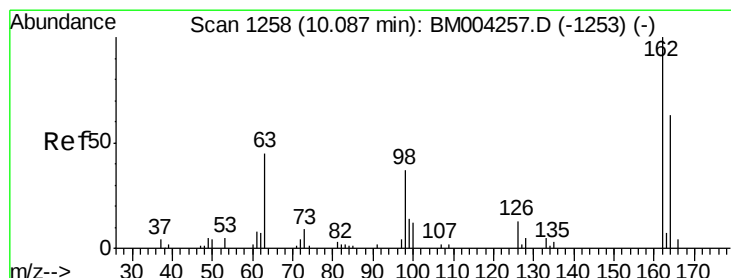
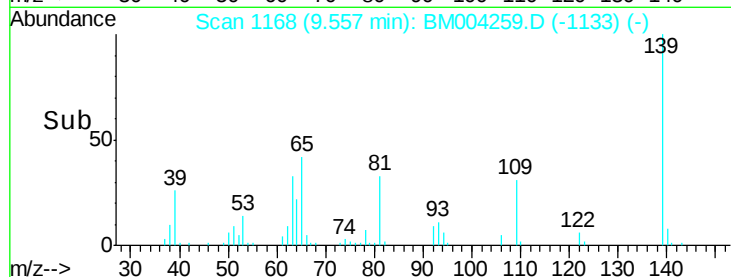
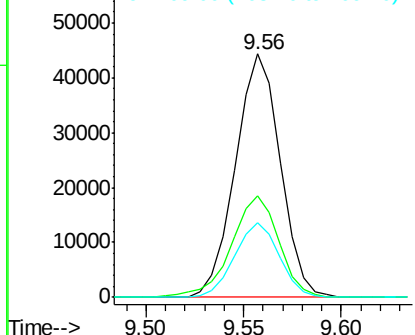
#23
 2-Nitrophenol
 Concen: 53.82 ng/ul
 RT: 9.56 min Scan# 1168
 Delta R.T. 0.01 min
 Lab File: BM004259.D
 Acq: 15 Feb 2016 14:08

Instrument :
 BNA_M
 ClientSampleId :
 D9QB9

Tgt Ion	Ratio	Lower	Upper
139	100		
65	41.7	36.3	54.5
109	30.6	26.4	39.6

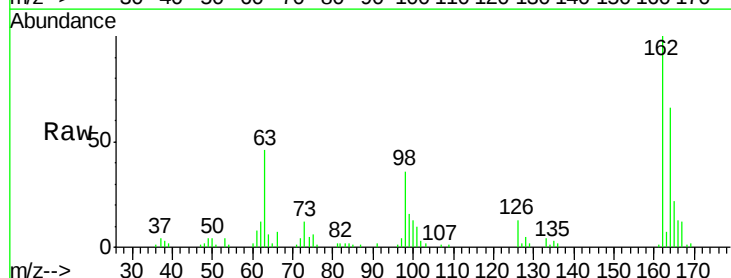


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BM004259.D (-1133) (-)
 Ion 109.00 (108.70 to 109.70): E

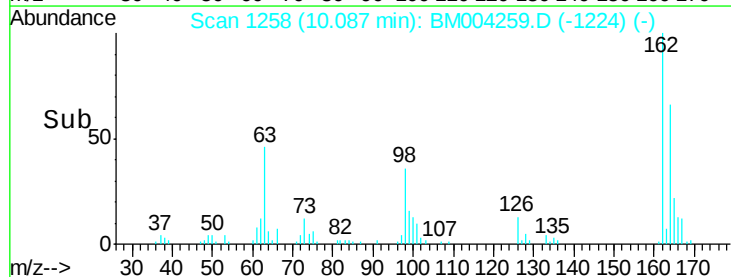
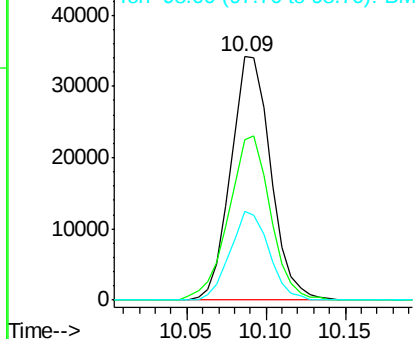


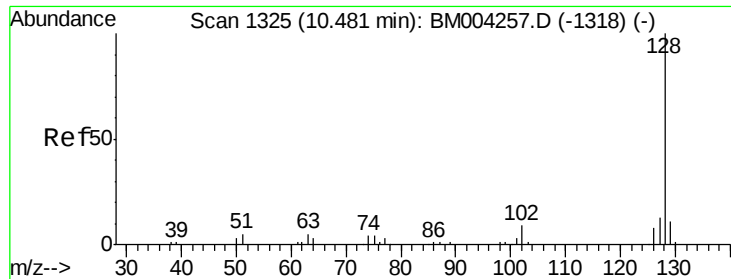
#27
 2,4-Dichlorophenol
 Concen: 27.32 ng/ul
 RT: 10.09 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BM004259.D
 Acq: 15 Feb 2016 14:08

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.0	52.1	78.1
98	36.2	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): BM004259.D (-1224) (-)

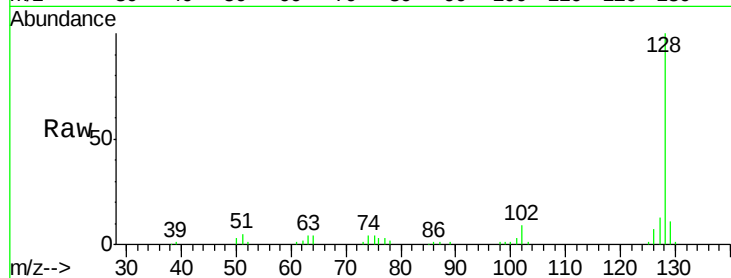




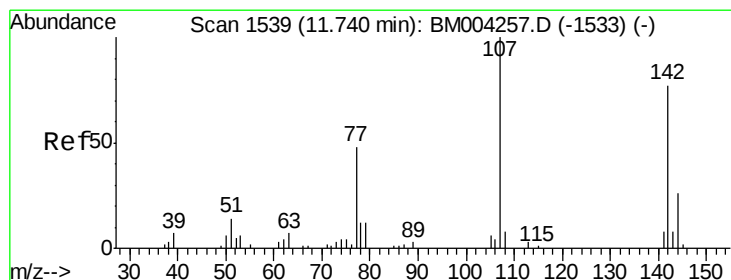
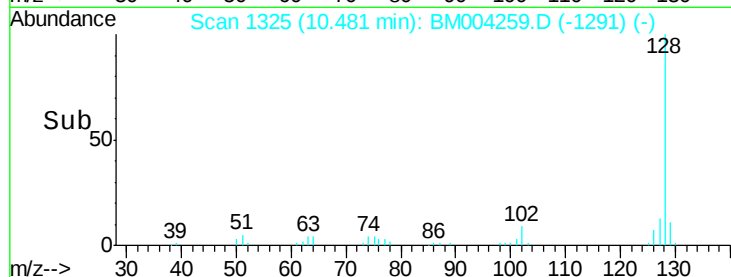
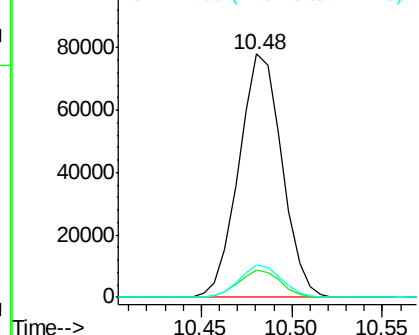
#28
Naphthalene
Concen: 17.09 ng/ul
RT: 10.48 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BM004259.D
Acq: 15 Feb 2016 14:08

Instrument :
BNA_M
ClientSampleId :
D9QB9

Tgt Ion:128 Resp: 128982
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.4 10.5 15.7

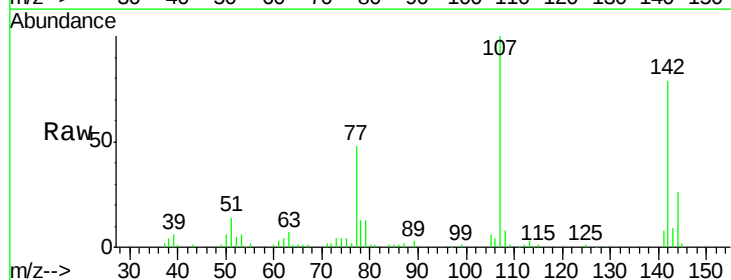


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

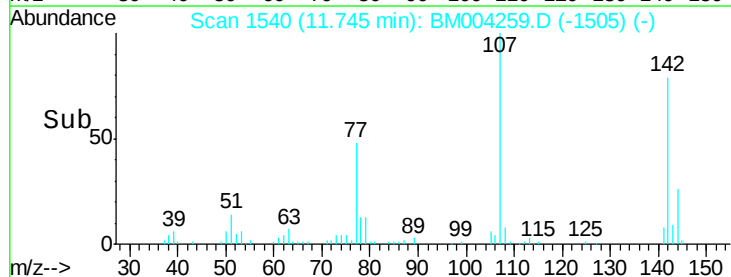
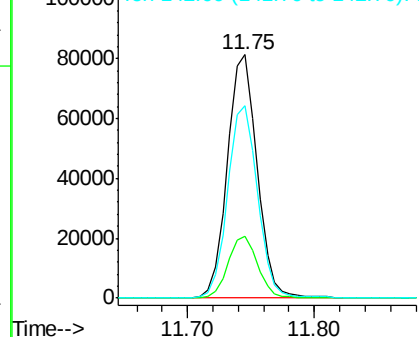


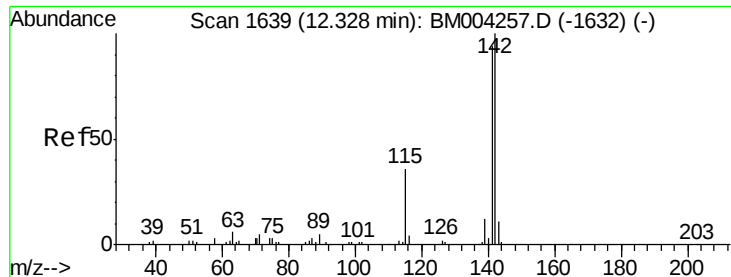
#33
4-Chloro-3-methylphenol
Concen: 54.59 ng/ul
RT: 11.75 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BM004259.D
Acq: 15 Feb 2016 14:08

Tgt Ion:107 Resp: 132480
Ion Ratio Lower Upper
107 100
144 25.6 20.4 30.6
142 79.2 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

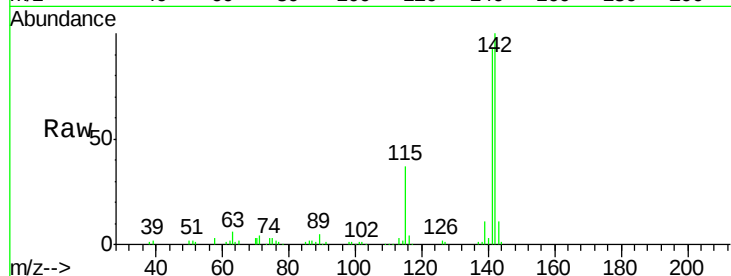




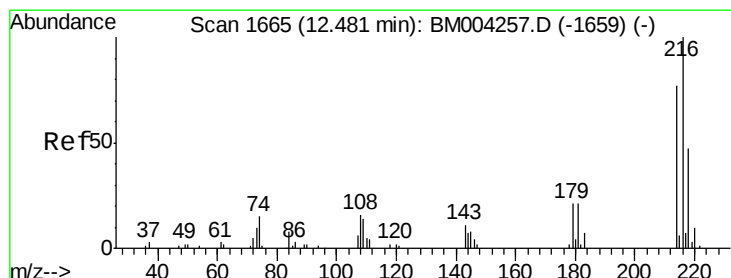
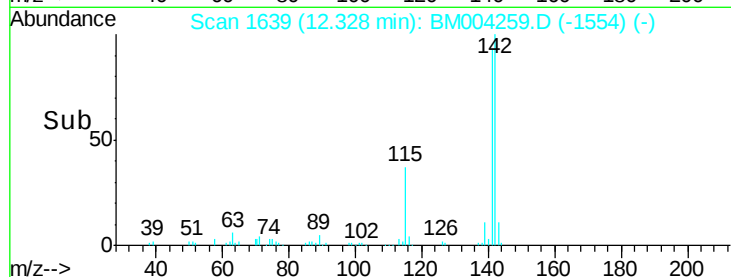
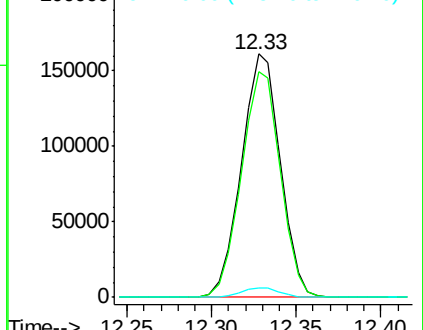
#35
 1-Methylnaphthalene
 Concen: 50.11 ng/ul
 RT: 12.33 min Scan# 1639
 Delta R.T. -0.00 min
 Lab File: BM004259.D
 Acq: 15 Feb 2016 14:08

Instrument :
 BNA_M
 ClientSampleId :
 D9QB9

Tgt Ion:142 Resp: 258001
 Ion Ratio Lower Upper
 142 100
 141 92.9 74.9 112.3
 116 3.9 3.1 4.7

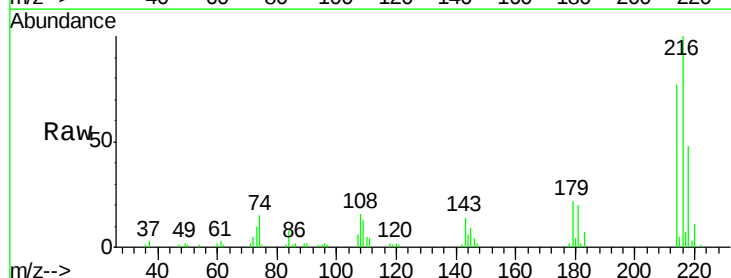


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

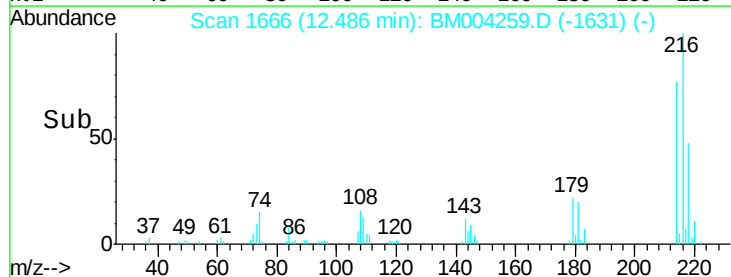
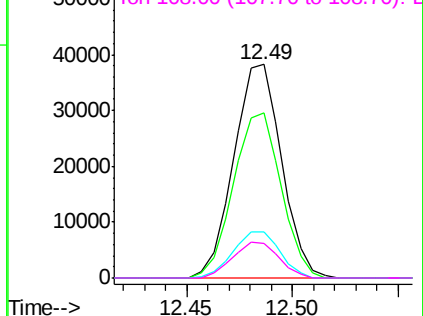


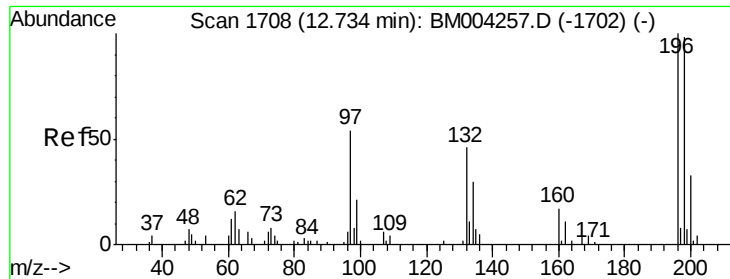
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.69 ng/ul
 RT: 12.49 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BM004259.D
 Acq: 15 Feb 2016 14:08

Tgt Ion:216 Resp: 60072
 Ion Ratio Lower Upper
 216 100
 214 77.3 62.5 93.7
 179 21.6 18.2 27.2
 108 16.4 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

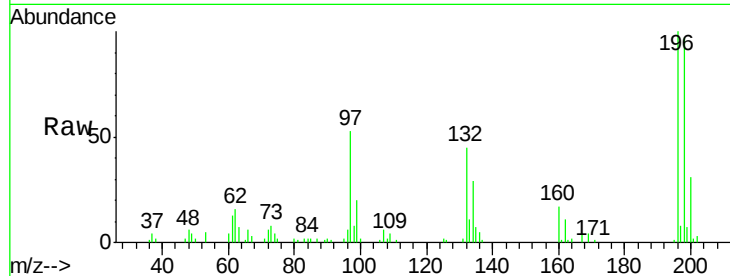




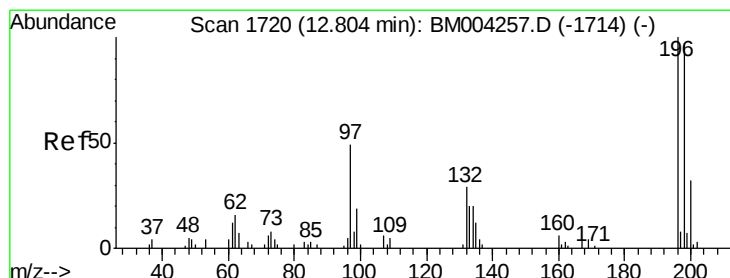
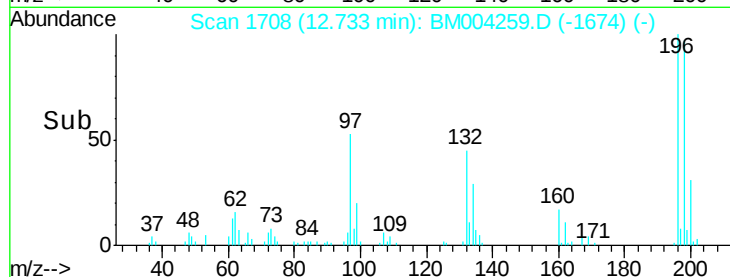
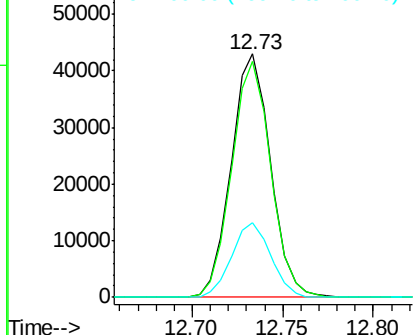
#39
 2,4,6-Trichlorophenol
 Concen: 35.40 ng/ul
 RT: 12.73 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BM004259.D
 Acq: 15 Feb 2016 14:08

Instrument :
 BNA_M
 ClientSampleId :
 D9QB9

Tgt Ion:196 Resp: 64983
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.6 114.8
 200 30.6 24.7 37.1

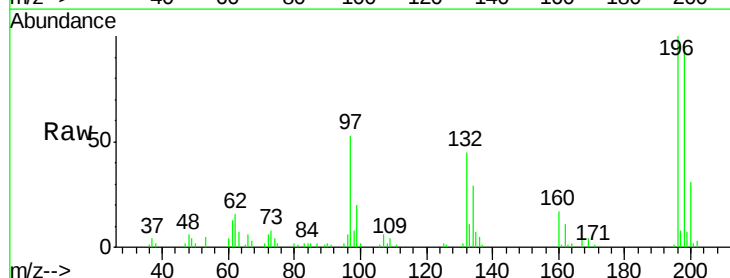


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

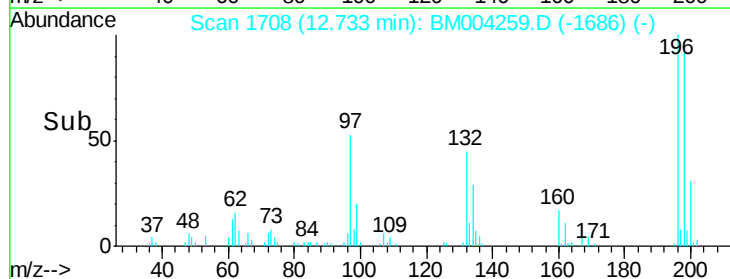
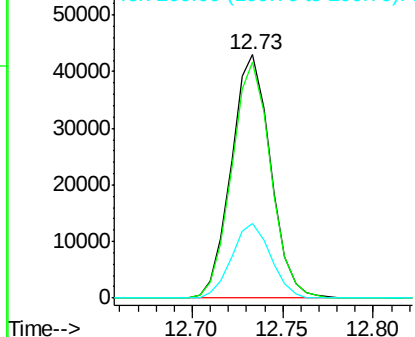


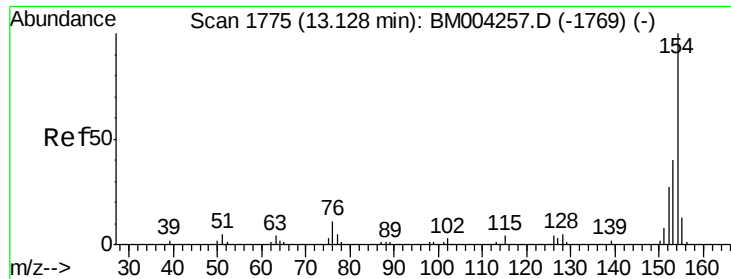
#40
 2,4,5-Trichlorophenol
 Concen: 32.86 ng/ul
 RT: 12.73 min Scan# 1708
 Delta R.T. -0.07 min
 Lab File: BM004259.D
 Acq: 15 Feb 2016 14:08

Tgt Ion:196 Resp: 64983
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.9 115.3
 200 30.6 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

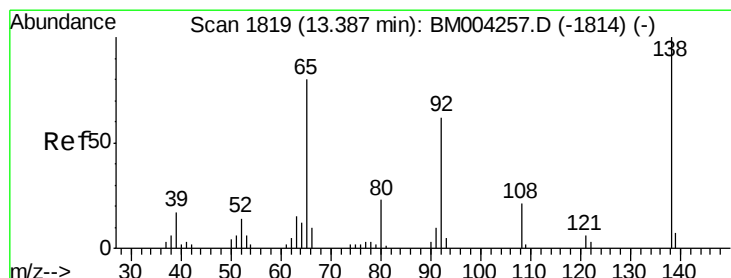
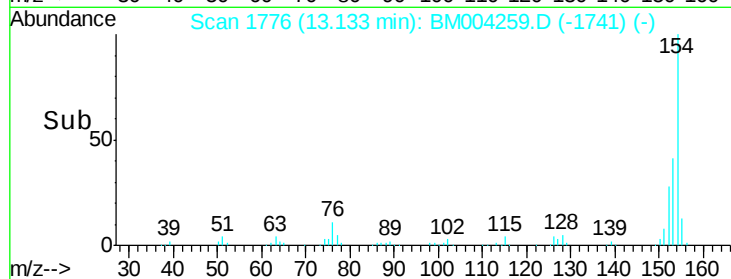
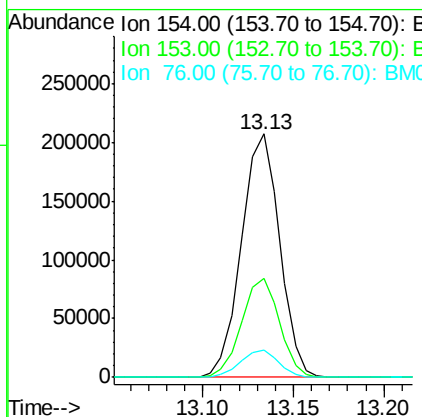
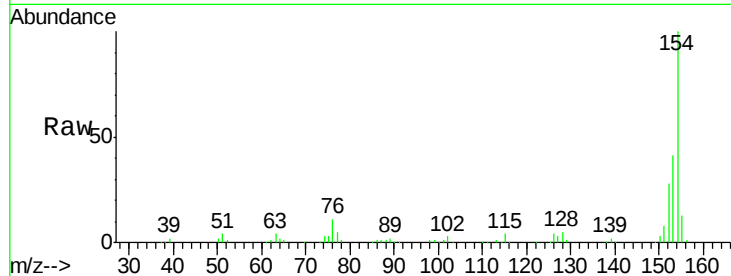




#41
 1,1'-Biphenyl
 Concen: 41.06 ng/ul
 RT: 13.13 min Scan# 1776
 Delta R.T. 0.01 min
 Lab File: BM004259.D
 Acq: 15 Feb 2016 14:08

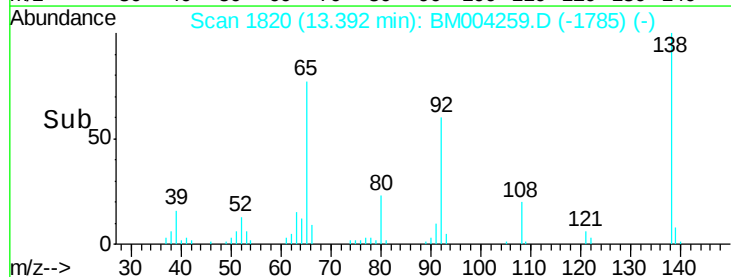
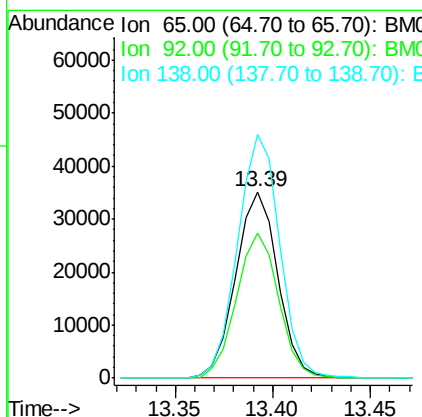
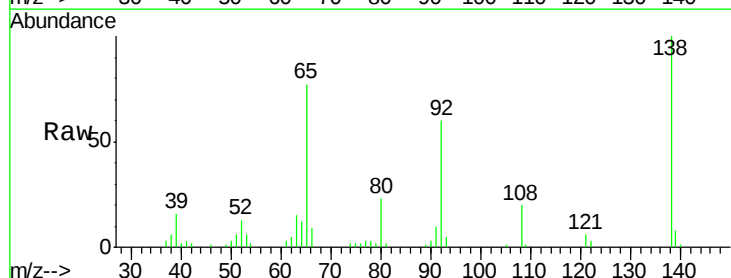
Instrument :
 BNA_M
 ClientSampled :
 D9QB9

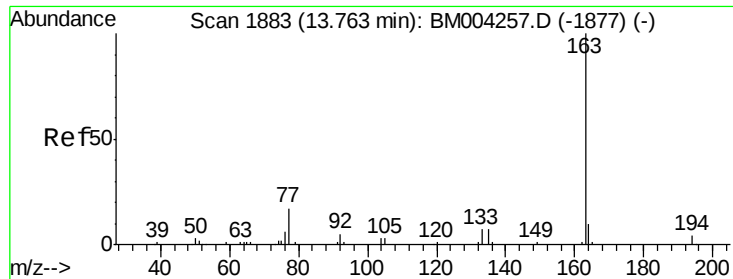
Tgt Ion: 154 Resp: 304459
 Ion Ratio Lower Upper
 154 100
 153 40.7 32.1 48.1
 76 11.1 9.5 14.3



#43
 2-Nitroaniline
 Concen: 38.22 ng/ul
 RT: 13.39 min Scan# 1820
 Delta R.T. 0.01 min
 Lab File: BM004259.D
 Acq: 15 Feb 2016 14:08

Tgt Ion: 65 Resp: 52552
 Ion Ratio Lower Upper
 65 100
 92 78.0 60.4 90.6
 138 130.5 99.8 149.6





#45

Dimethylphthalate

Concen: 4.74 ng/ul

RT: 13.80 min Scan# 1890

Delta R.T. 0.04 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

Instrument :

BNA_M

ClientSampleId :

D9QB9

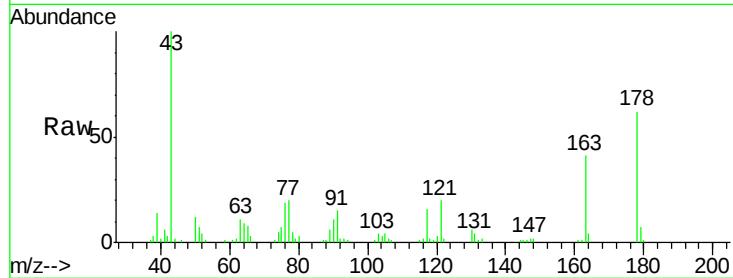
Tgt Ion:163 Resp: 34191

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

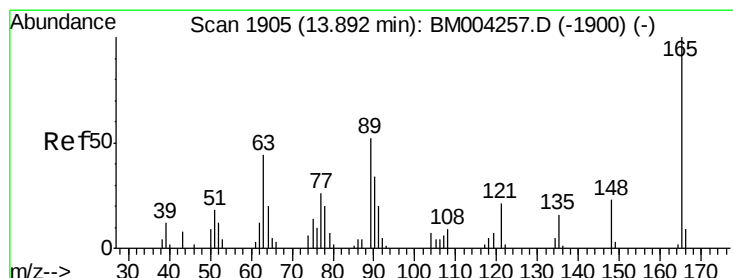
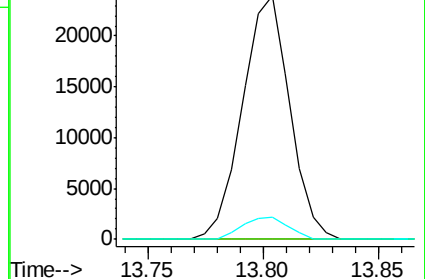
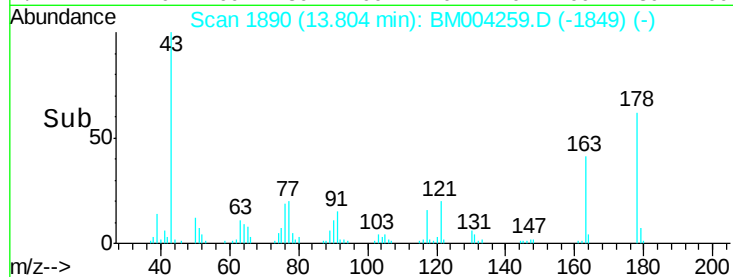
164 9.1 7.8 11.8



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



#46

2,6-Dinitrotoluene

Concen: 48.53 ng/ul

RT: 13.90 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

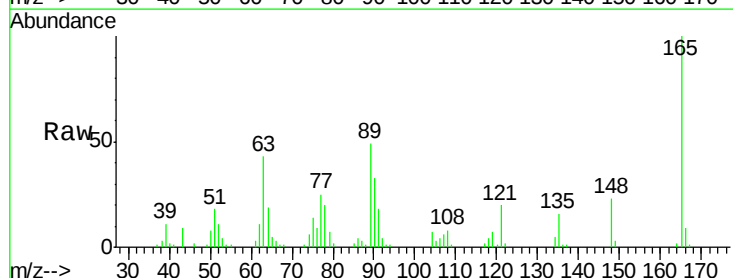
Tgt Ion:165 Resp: 69028

Ion Ratio Lower Upper

165 100

89 49.2 42.4 63.6

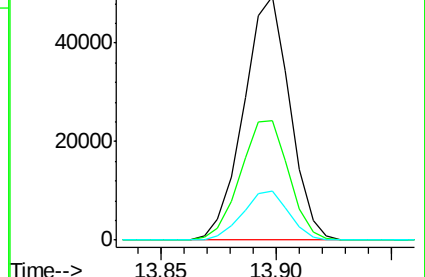
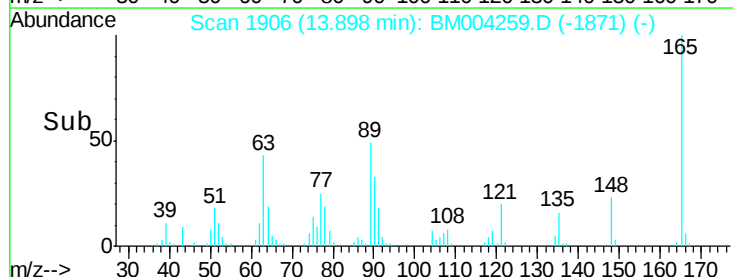
121 20.1 16.6 24.8

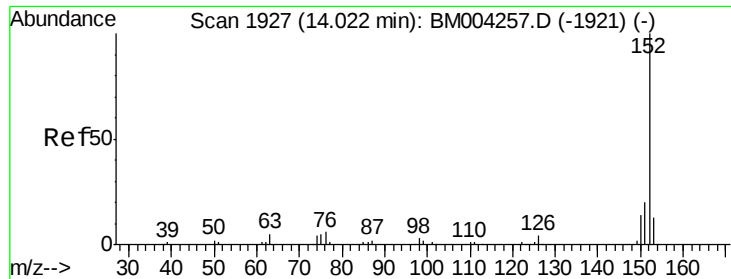


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 53.89 ng/ul

RT: 14.03 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

Instrument :

BNA_M

ClientSampleId :

D9QB9

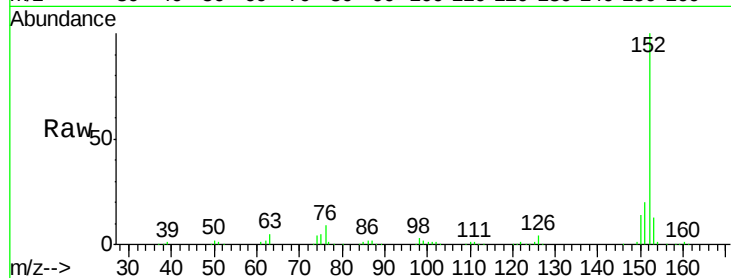
Tgt Ion:152 Resp: 493512

Ion Ratio Lower Upper

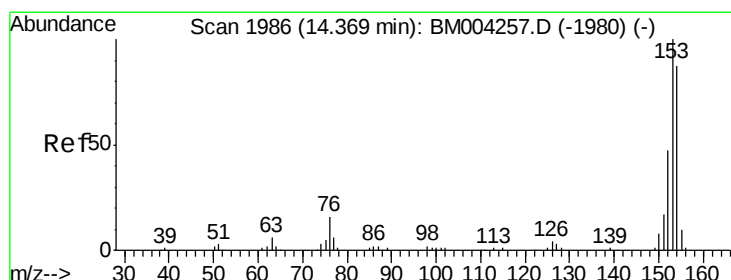
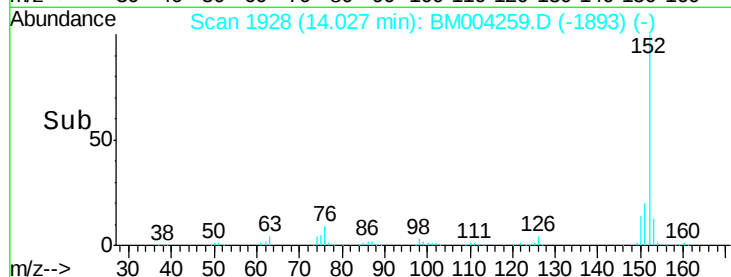
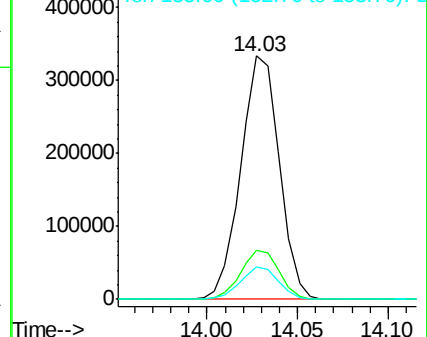
152 100

151 19.9 15.7 23.5

153 13.3 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



#50

Acenaphthene

Concen: 4.82 ng/ul

RT: 14.37 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

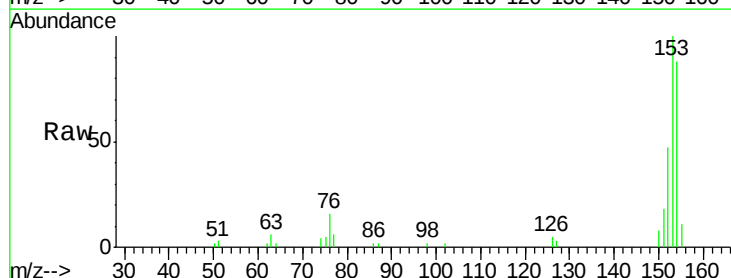
Tgt Ion:153 Resp: 29907

Ion Ratio Lower Upper

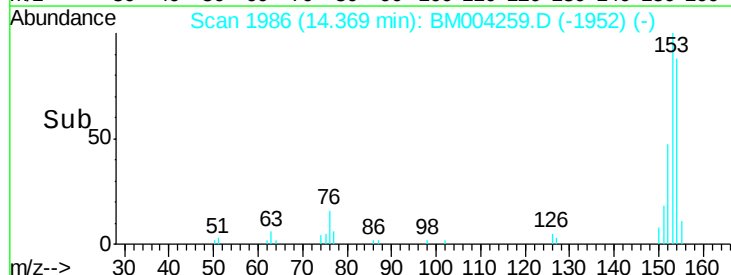
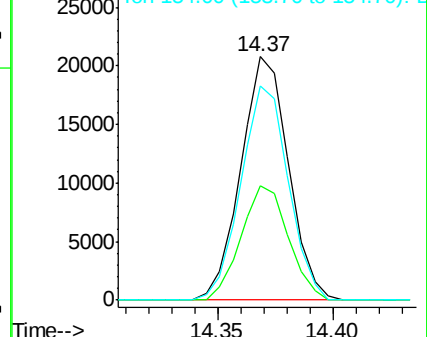
153 100

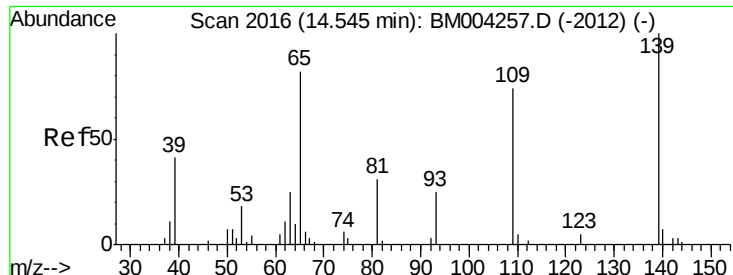
152 47.1 38.3 57.5

154 88.0 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

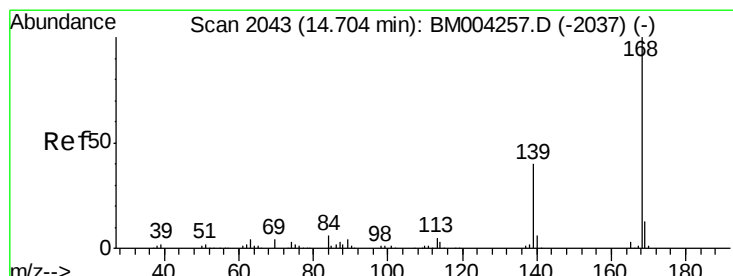
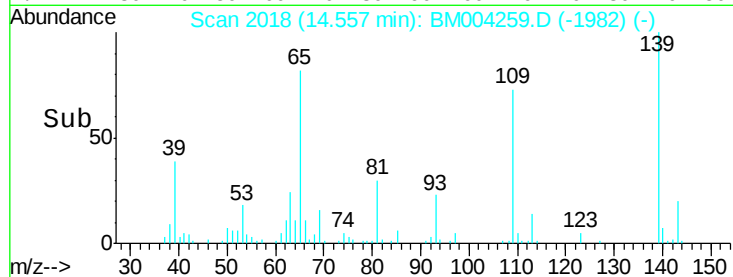
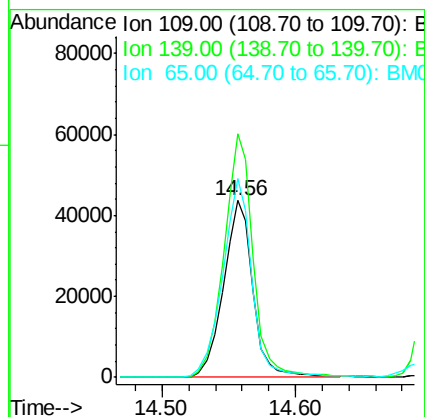
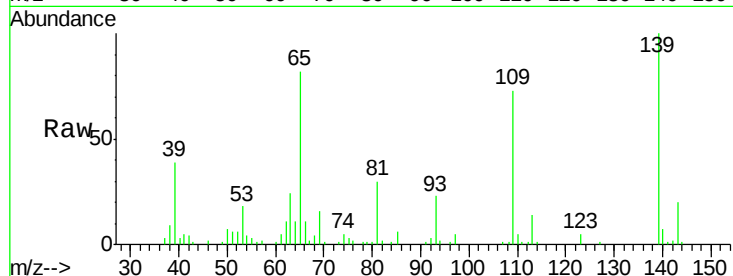




#53
 4-Nitrophenol
 Concen: 75.56 ng/ul
 RT: 14.56 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BM004259.D
 Acq: 15 Feb 2016 14:08

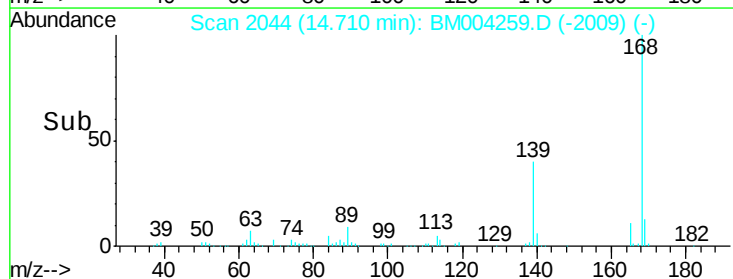
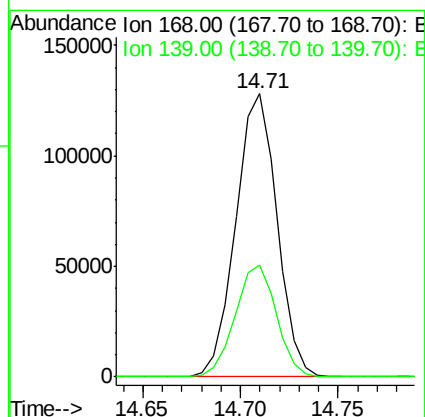
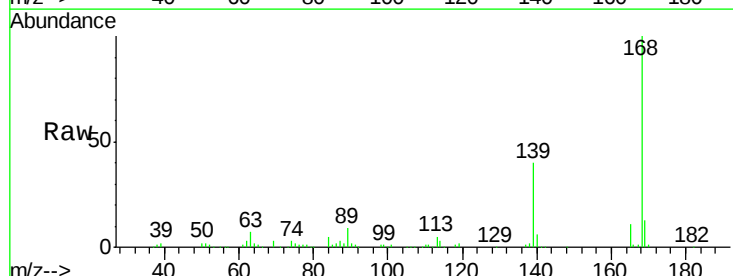
Instrument :
 BNA_M
 ClientSampleId :
 D9QB9

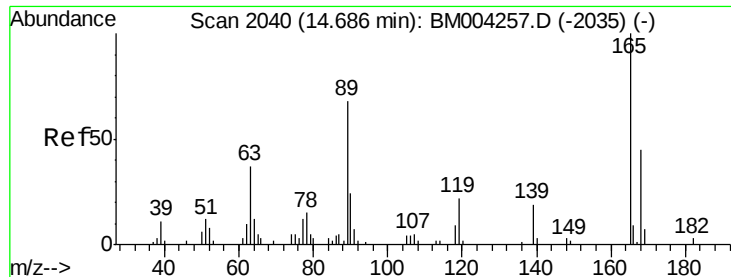
Tgt Ion:109 Resp: 67476
 Ion Ratio Lower Upper
 109 100
 139 137.6 103.7 155.5
 65 112.2 89.4 134.2



#54
 Dibenzofuran
 Concen: 21.86 ng/ul
 RT: 14.71 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BM004259.D
 Acq: 15 Feb 2016 14:08

Tgt Ion:168 Resp: 187401
 Ion Ratio Lower Upper
 168 100
 139 39.6 32.2 48.2





#55

2,4-Dinitrotoluene

Concen: 58.50 ng/ul

RT: 14.69 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

Instrument :

BNA_M

ClientSampleId :

D9QB9

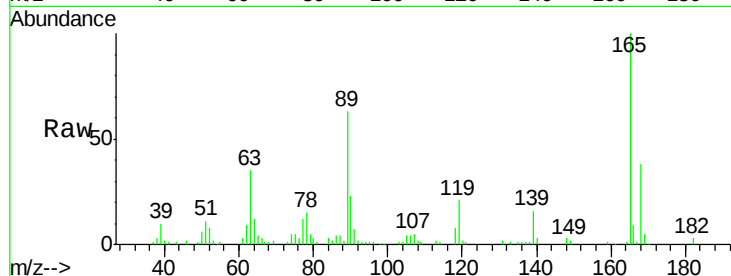
Tgt Ion:165 Resp: 119602

Ion Ratio Lower Upper

165 100

63 35.2 29.8 44.6

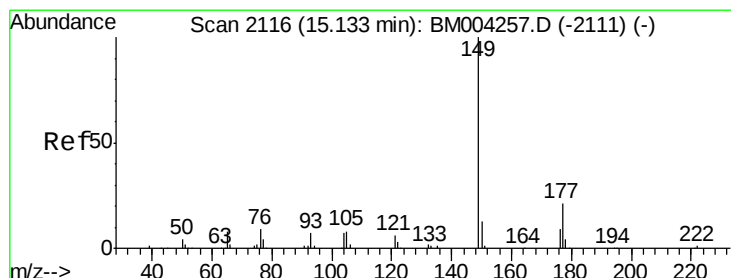
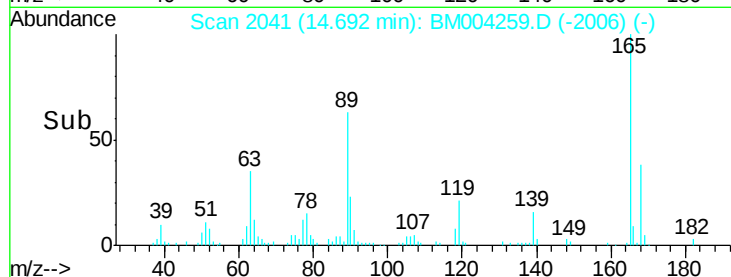
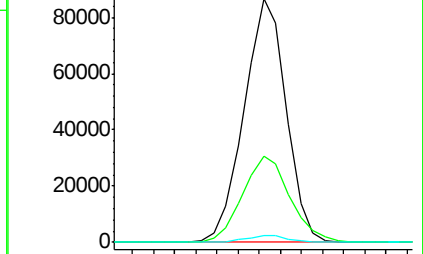
182 3.0 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E



#57

Diethylphthalate

Concen: 52.65 ng/ul

RT: 15.14 min Scan# 2117

Delta R.T. 0.01 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

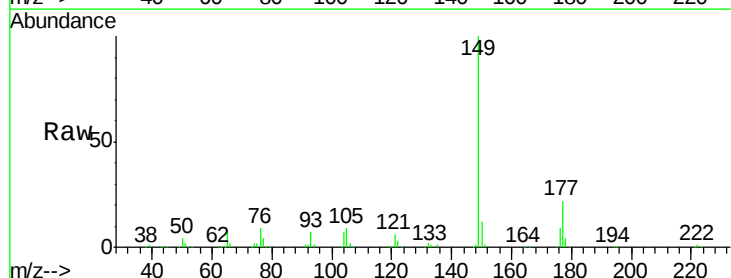
Tgt Ion:149 Resp: 381390

Ion Ratio Lower Upper

149 100

177 21.8 17.4 26.2

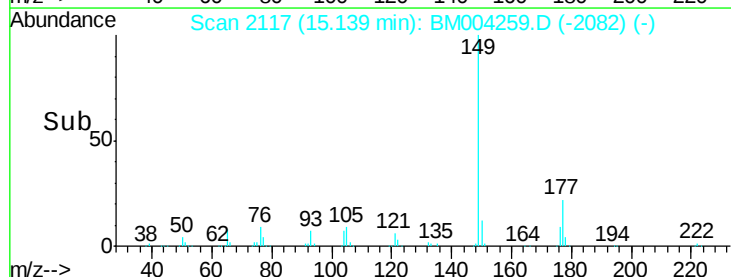
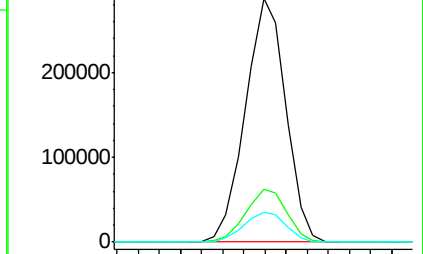
150 12.4 10.0 15.0

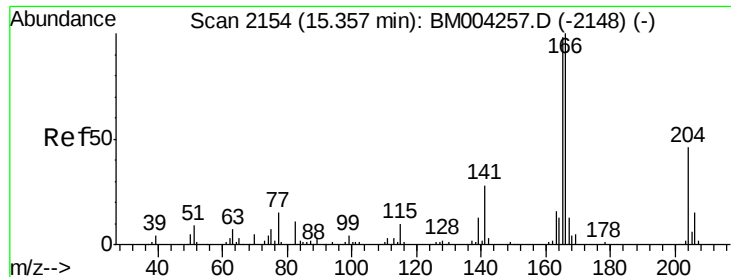


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 9.35 ng/ul

RT: 15.36 min Scan# 2155

Delta R.T. 0.01 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

Instrument :

BNA_M

ClientSampleId :

D9QB9

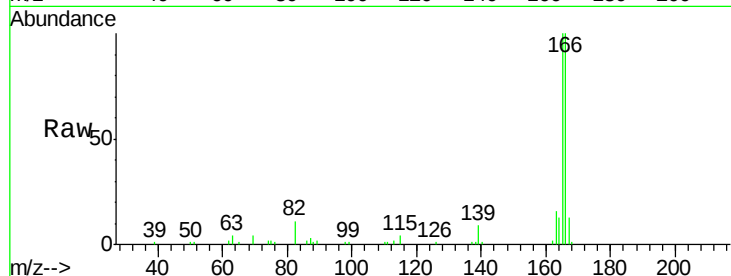
Tgt Ion:166 Resp: 64570

Ion Ratio Lower Upper

166 100

165 99.6 78.5 117.7

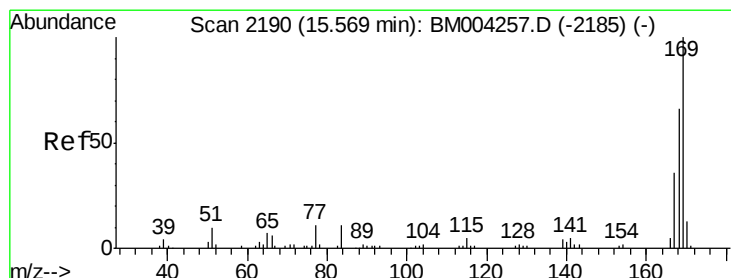
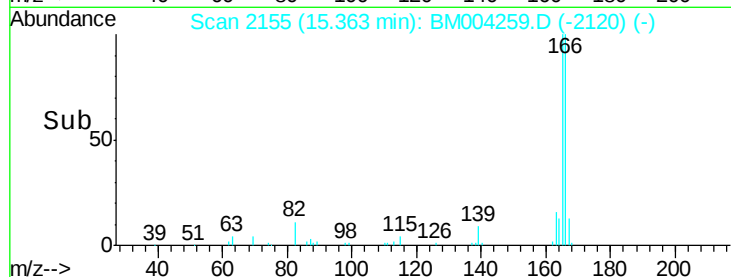
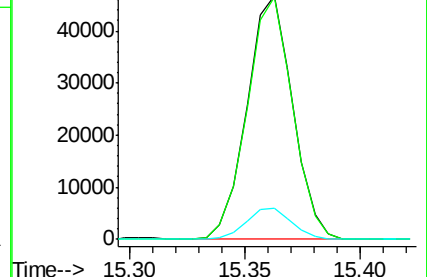
167 12.8 10.7 16.1



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



#65

N-Nitrosodiphenylamine

Concen: 50.39 ng/ul

RT: 15.57 min Scan# 2191

Delta R.T. 0.01 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

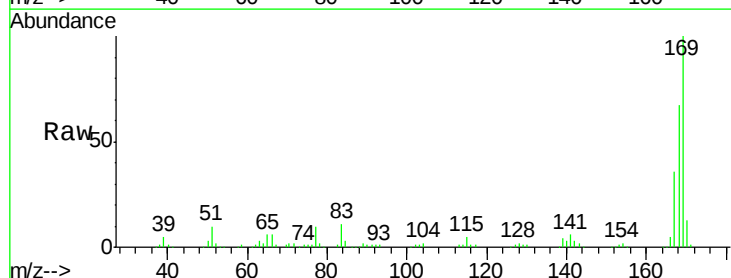
Tgt Ion:169 Resp: 322821

Ion Ratio Lower Upper

169 100

168 66.6 53.8 80.8

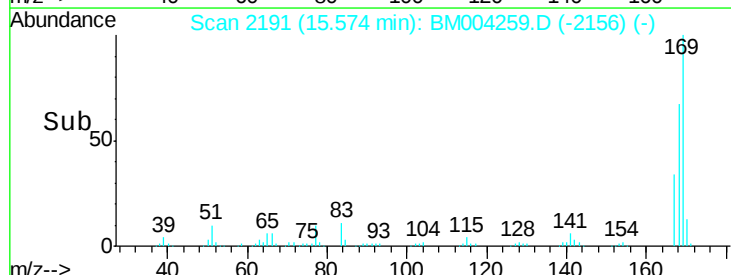
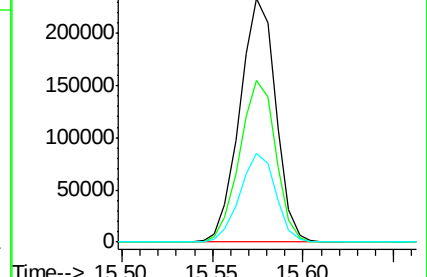
167 36.2 29.3 43.9

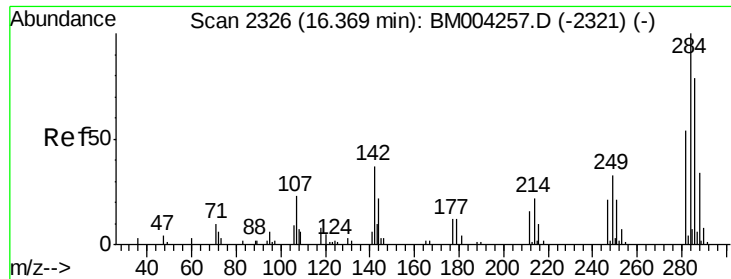


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

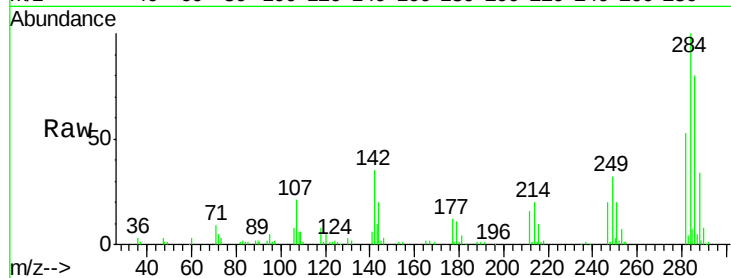




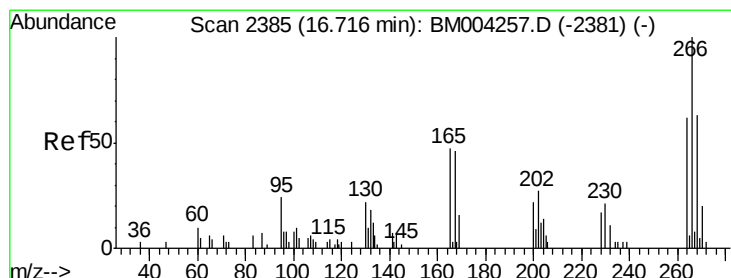
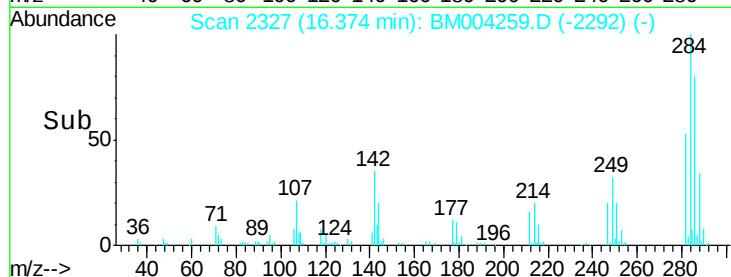
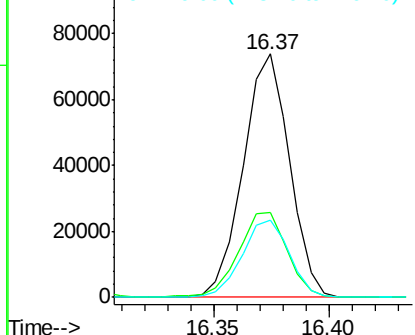
#67
Hexachlorobenzene
Concen: 41.75 ng/ul
RT: 16.37 min Scan# 2327
Delta R.T. 0.01 min
Lab File: BM004259.D
Acq: 15 Feb 2016 14:08

Instrument :
BNA_M
ClientSampleId :
D9QB9

Tgt Ion:284 Resp: 103210
Ion Ratio Lower Upper
284 100
142 34.6 33.1 49.7
249 31.7 27.1 40.7

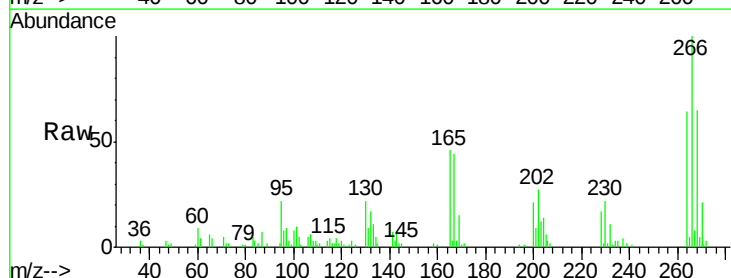


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

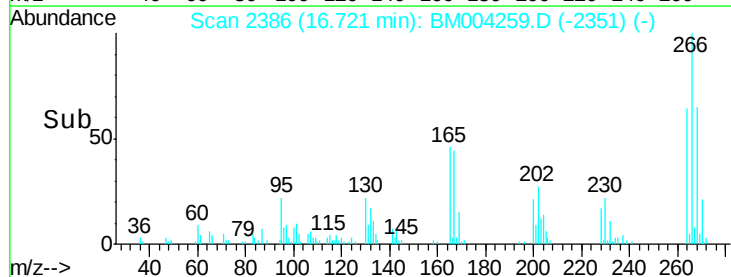
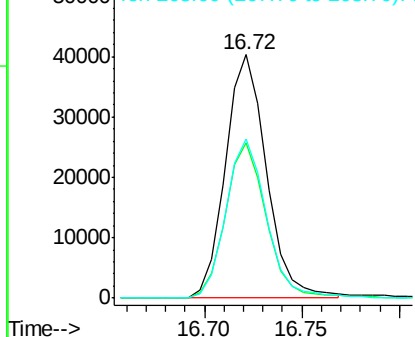


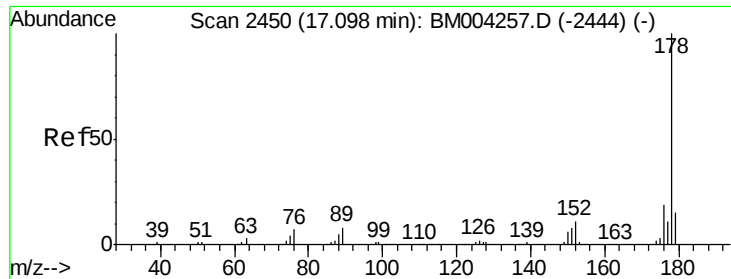
#69
Pentachlorophenol
Concen: 51.51 ng/ul
RT: 16.72 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BM004259.D
Acq: 15 Feb 2016 14:08

Tgt Ion:266 Resp: 58963
Ion Ratio Lower Upper
266 100
264 64.0 50.5 75.7
268 65.1 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

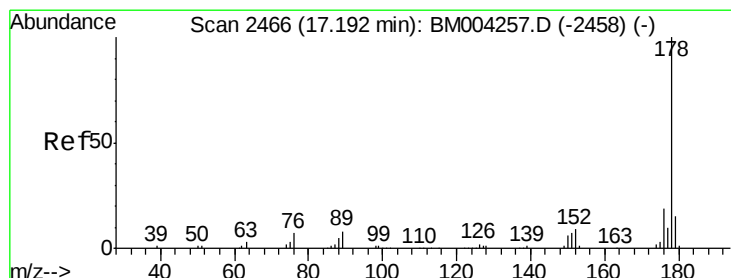
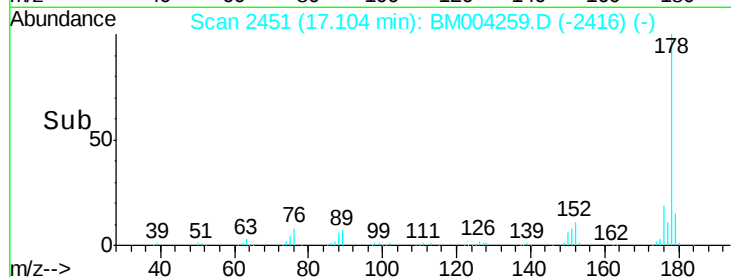
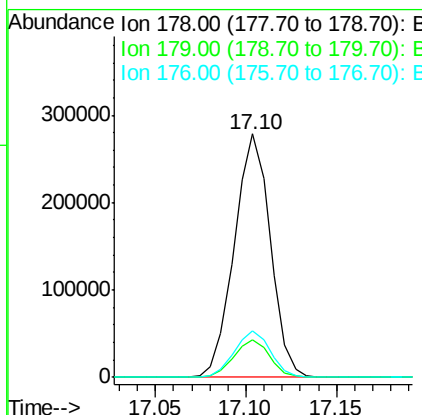
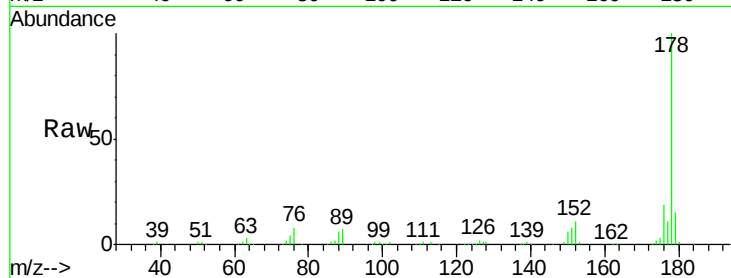




#70
Phenanthrene
Concen: 33.55 ng/ul
RT: 17.10 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BM004259.D
Acq: 15 Feb 2016 14:08

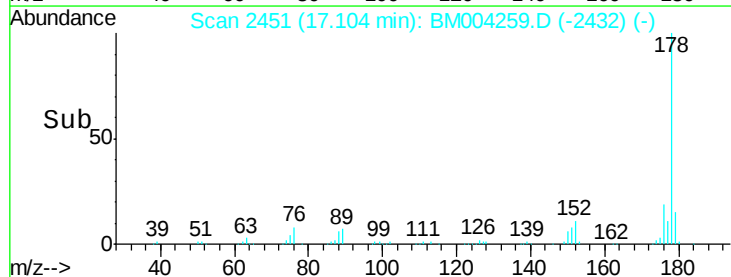
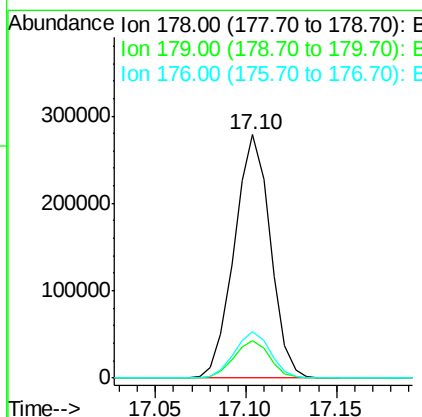
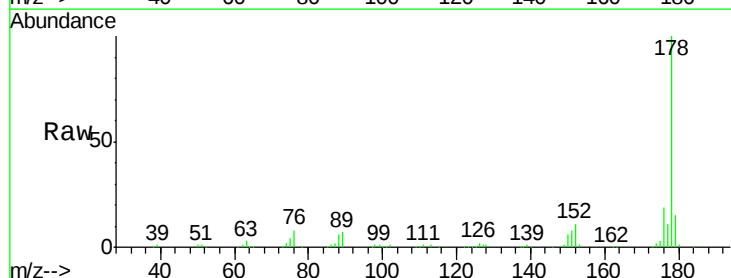
Instrument :
BNA_M
ClientSampleId :
D9QB9

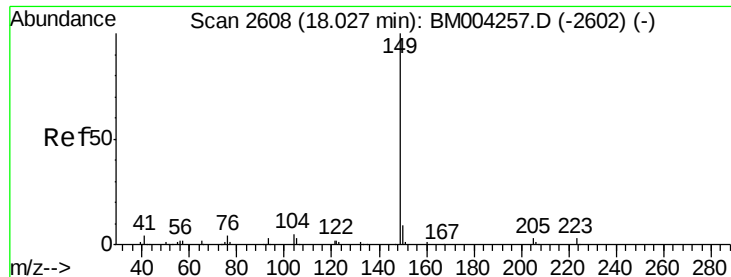
Tgt Ion:178 Resp: 385302
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 19.1 15.6 23.4



#72
Anthracene
Concen: 33.05 ng/ul
RT: 17.10 min Scan# 2451
Delta R.T. -0.09 min
Lab File: BM004259.D
Acq: 15 Feb 2016 14:08

Tgt Ion:178 Resp: 385302
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 19.1 14.8 22.2

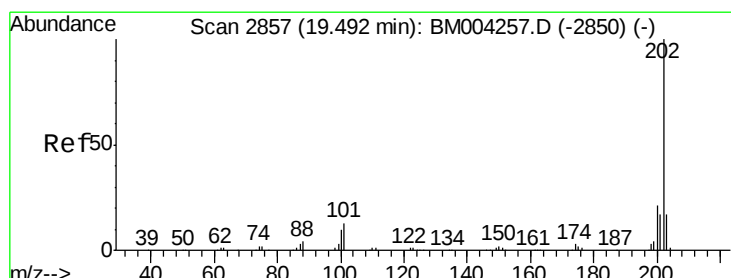
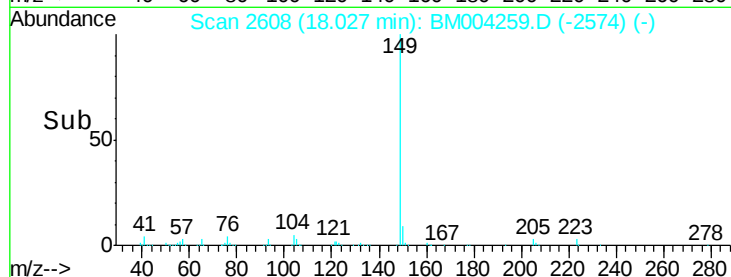
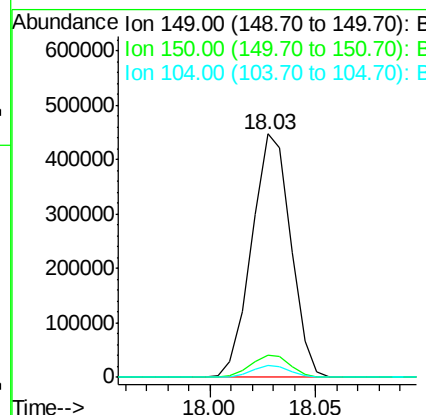
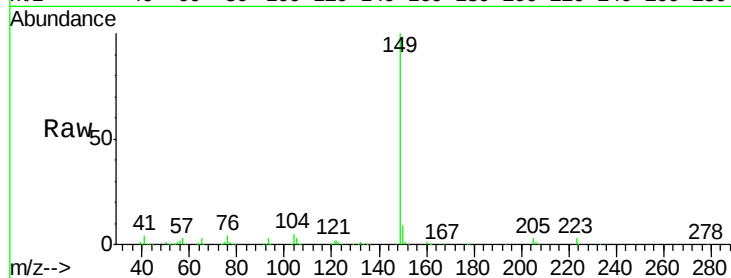




#76
Di-n-butylphthalate
Concen: 45.40 ng/ul
RT: 18.03 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BM004259.D
Acq: 15 Feb 2016 14:08

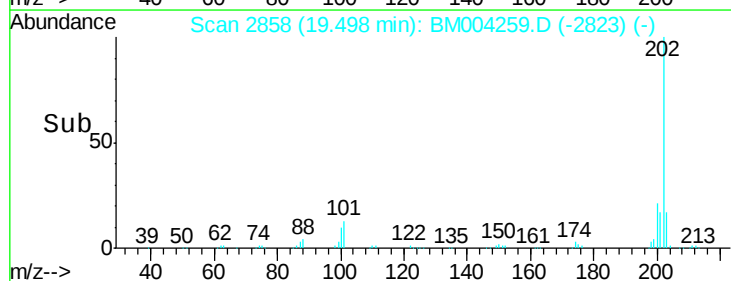
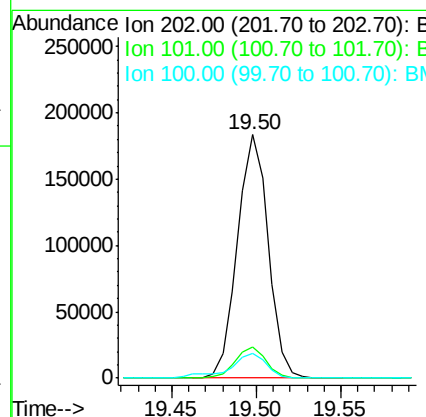
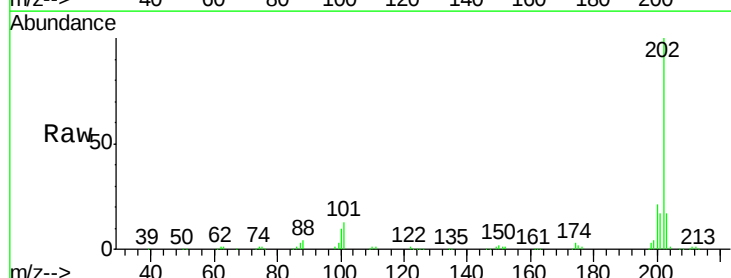
Instrument :
BNA_M
ClientSampleId :
D9QB9

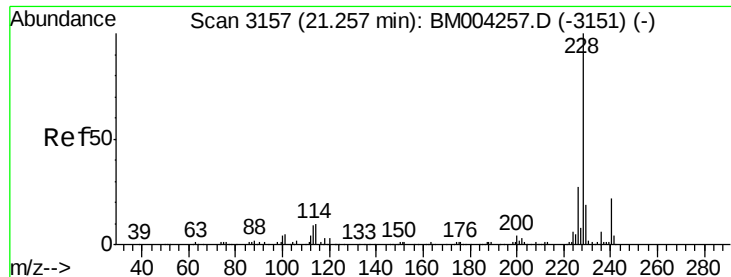
Tgt Ion:149 Resp: 576133
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.7 4.0 6.0



#80
Pyrene
Concen: 17.78 ng/ul
RT: 19.50 min Scan# 2858
Delta R.T. 0.01 min
Lab File: BM004259.D
Acq: 15 Feb 2016 14:08

Tgt Ion:202 Resp: 233456
Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.2
100 10.2 8.5 12.7





#83

Benzo(a)anthracene

Concen: 42.48 ng/ul

RT: 21.26 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

Instrument :

BNA_M

ClientSampleId :

D9QB9

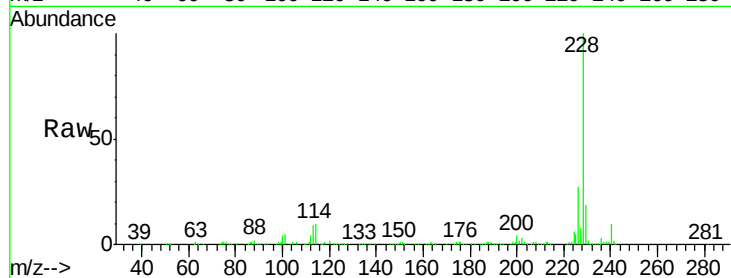
Tgt Ion:228 Resp: 496618

Ion Ratio Lower Upper

228 100

229 19.5 15.7 23.5

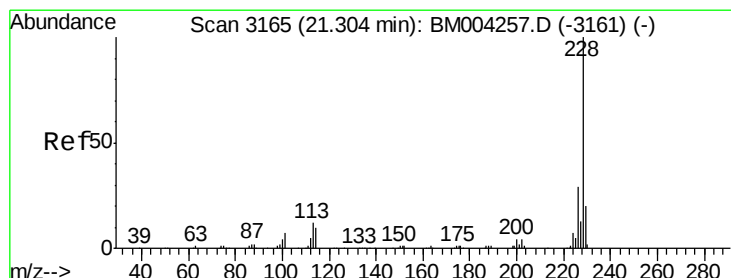
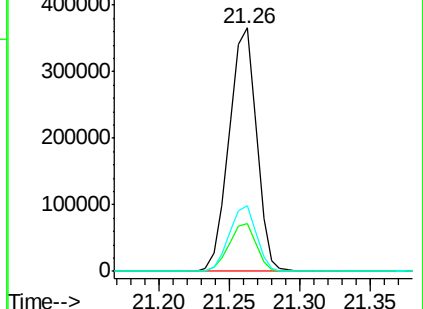
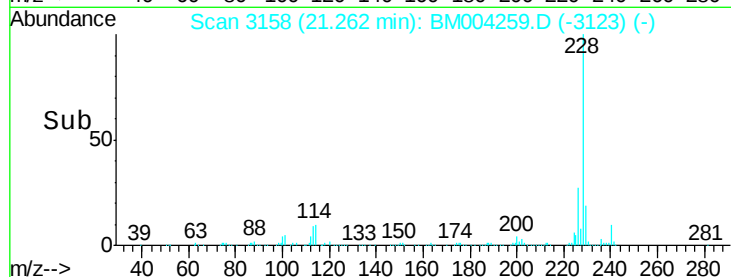
226 26.8 21.8 32.6



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



#85

Chrysene

Concen: 45.00 ng/ul

RT: 21.26 min Scan# 3158

Delta R.T. -0.04 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

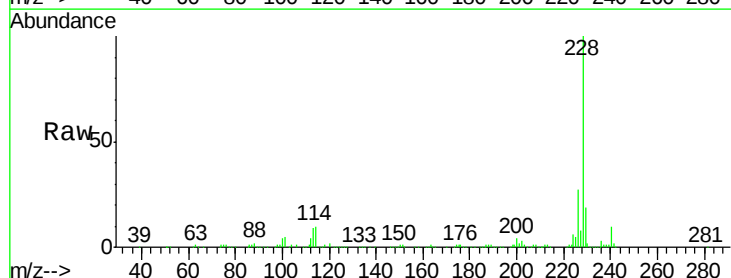
Tgt Ion:228 Resp: 496618

Ion Ratio Lower Upper

228 100

226 26.8 24.0 36.0

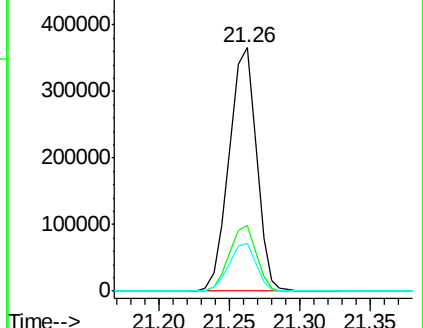
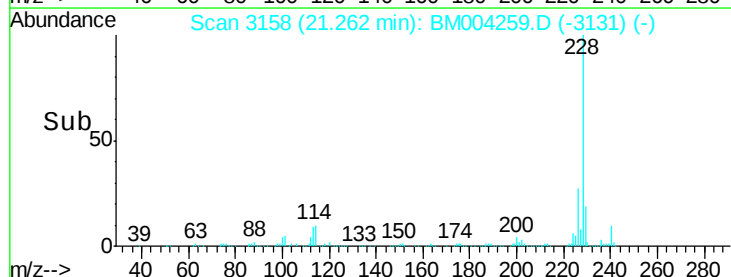
229 19.5 15.6 23.4

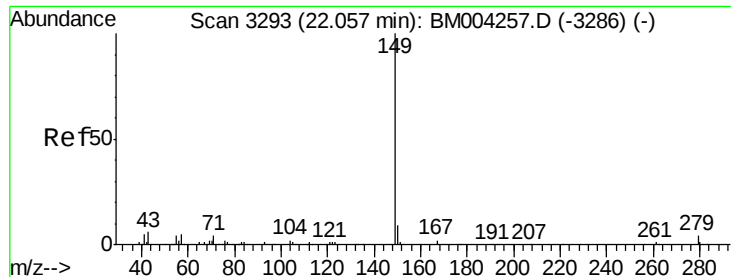


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

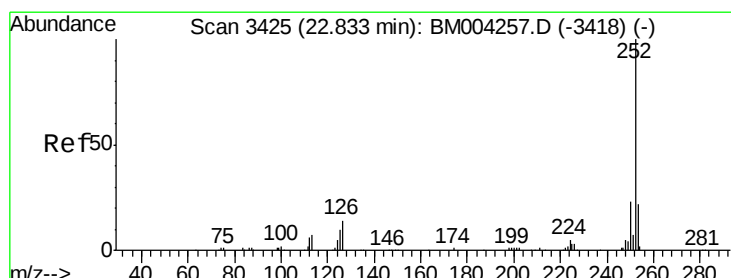
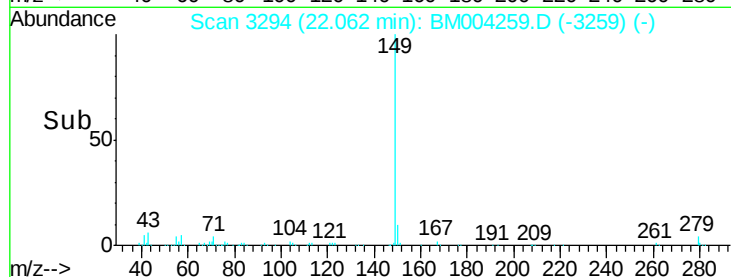
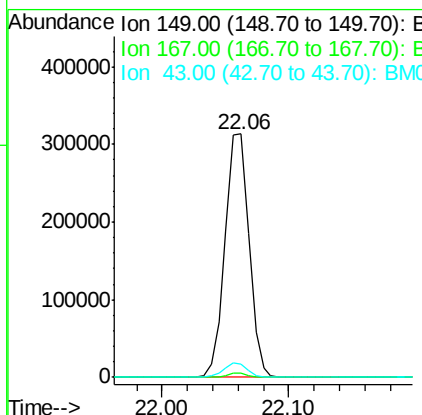
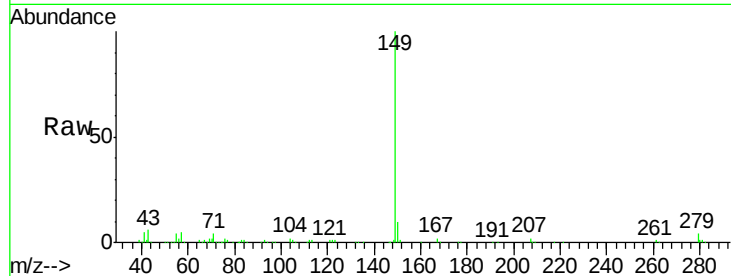




#87
 Di-n-octyl phthalate
 Concen: 35.66 ng/ul
 RT: 22.06 min Scan# 3294
 Delta R.T. 0.01 min
 Lab File: BM004259.D
 Acq: 15 Feb 2016 14:08

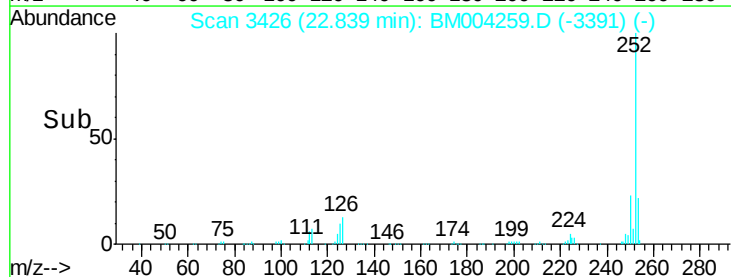
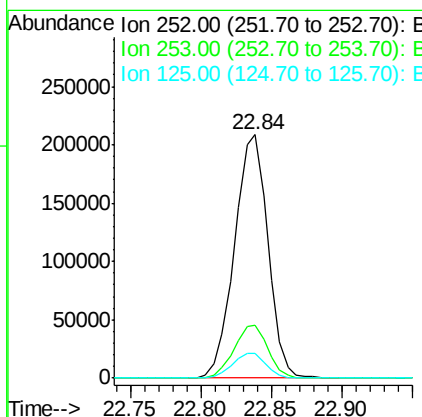
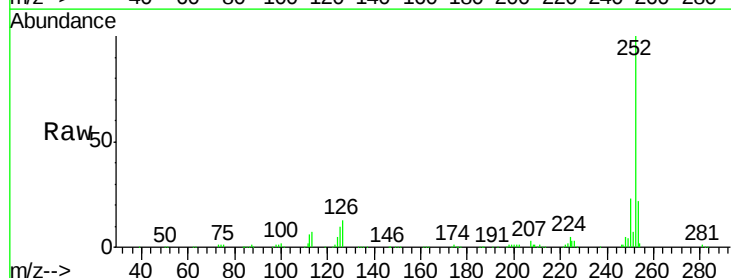
Instrument :
 BNA_M
 ClientSampleId :
 D9QB9

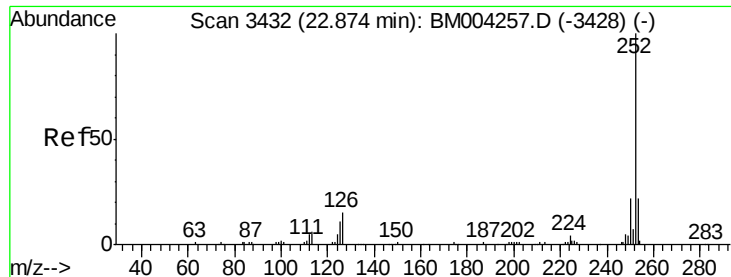
Tgt Ion:149 Resp: 411632
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 5.6 5.6 8.4#



#88
 Benzo(b)fluoranthene
 Concen: 34.54 ng/ul
 RT: 22.84 min Scan# 3426
 Delta R.T. 0.01 min
 Lab File: BM004259.D
 Acq: 15 Feb 2016 14:08

Tgt Ion:252 Resp: 345831
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 10.0 8.5 12.7





#89

Benzo(k)fluoranthene

Concen: 31.26 ng/u1

RT: 22.84 min Scan# 3426

Delta R.T. -0.04 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

Instrument :

BNA_M

ClientSampleId :

D9QB9

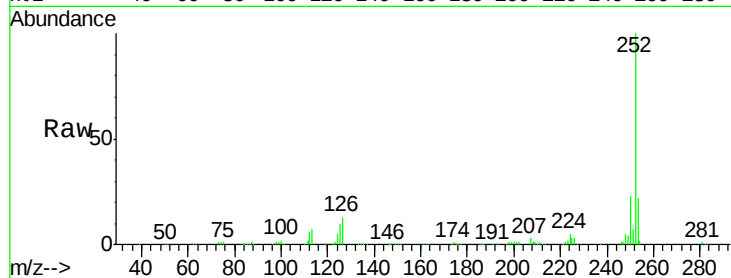
Tgt Ion:252 Resp: 298858

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

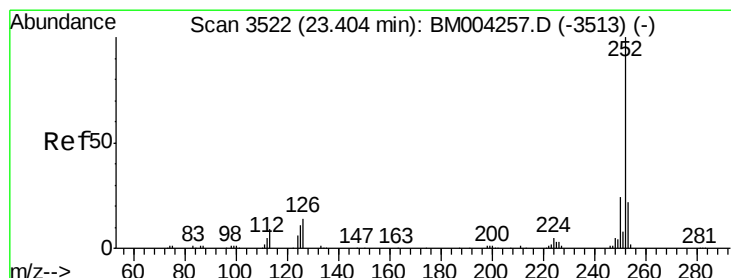
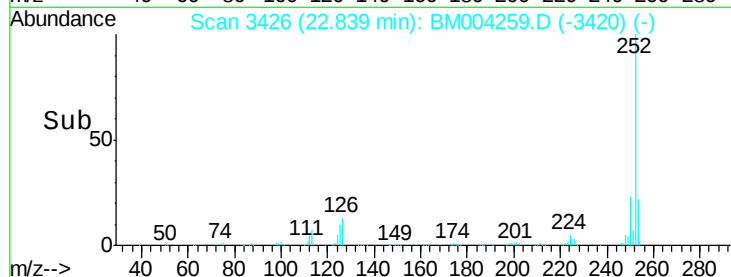
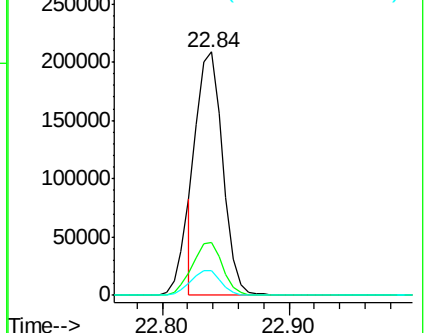
125 10.0 8.2 12.2



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: 20.90 ng/u1

RT: 23.41 min Scan# 3523

Delta R.T. 0.01 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

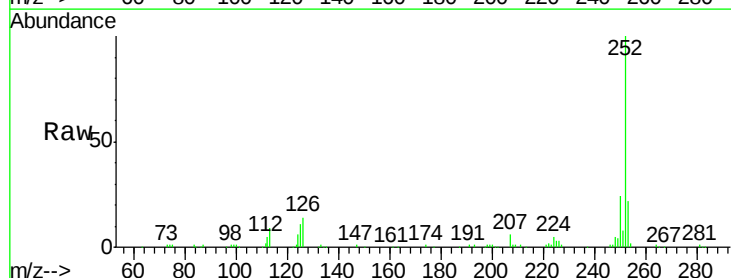
Tgt Ion:252 Resp: 198977

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

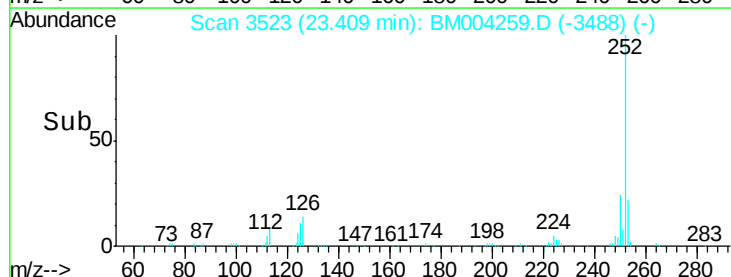
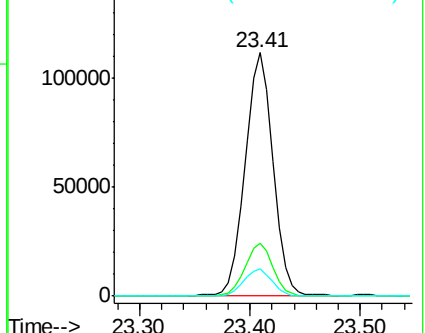
125 11.4 9.0 13.6

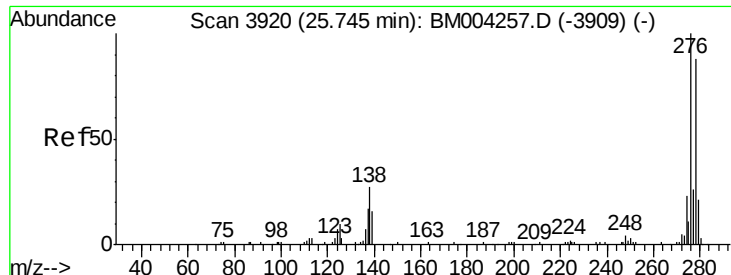


Abundance Ion 252.00 (251.70 to 252.70): E

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: 9.39 ng/ul

RT: 25.76 min Scan# 3923

Delta R.T. 0.02 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

Instrument :

BNA_M

ClientSampleId :

D9QB9

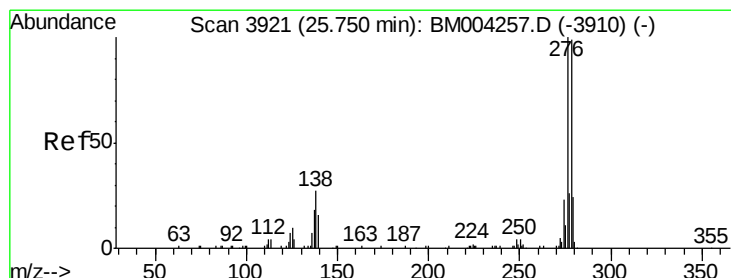
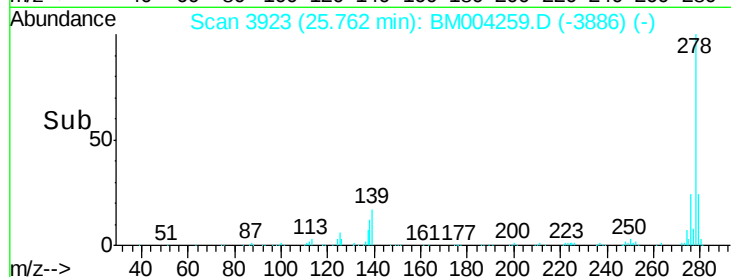
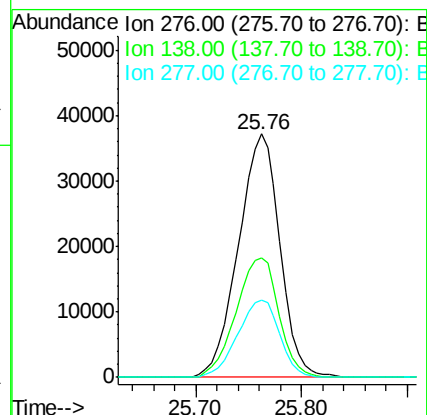
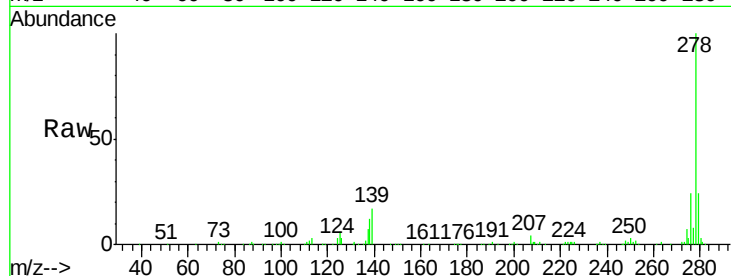
Tgt Ion:276 Resp: 101227

Ion Ratio Lower Upper

276 100

138 48.9 22.3 33.5#

277 32.0 20.2 30.2#



#93

Dibenzo(a,h)anthracene

Concen: 48.43 ng/ul

RT: 25.76 min Scan# 3923

Delta R.T. 0.01 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

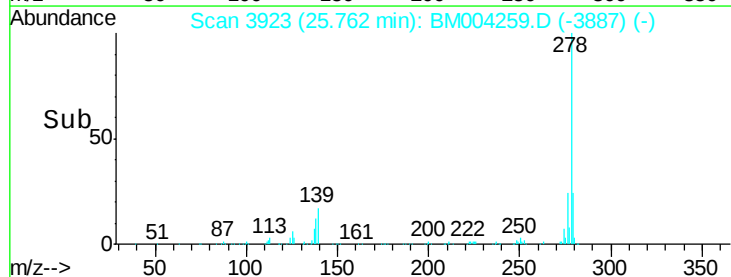
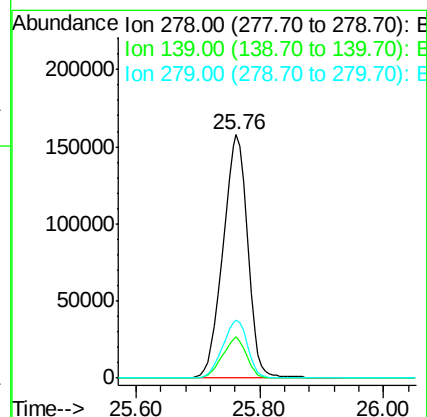
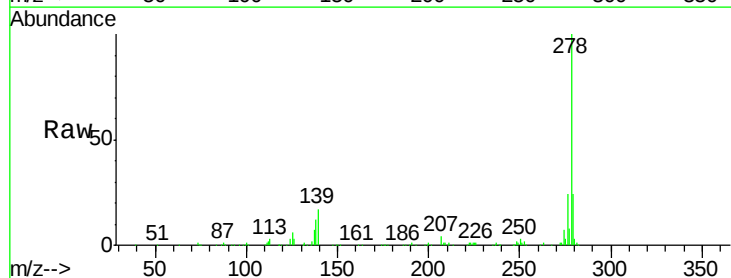
Tgt Ion:278 Resp: 438439

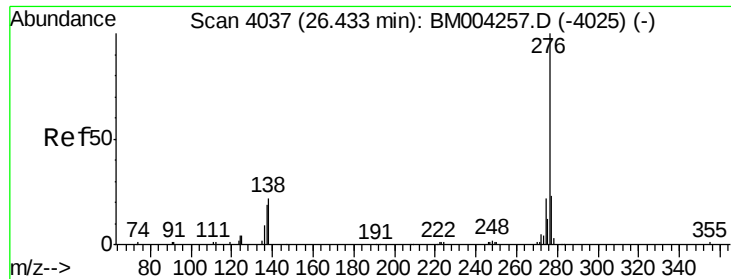
Ion Ratio Lower Upper

278 100

139 16.8 13.9 20.9

279 23.6 19.0 28.4





#94

Benzo(g,h,i)perylene

Concen: 25.30 ng/ul

RT: 26.44 min Scan# 4038

Delta R.T. 0.01 min

Lab File: BM004259.D

Acq: 15 Feb 2016 14:08

Instrument :

BNA_M

ClientSampleId :

D9QB9

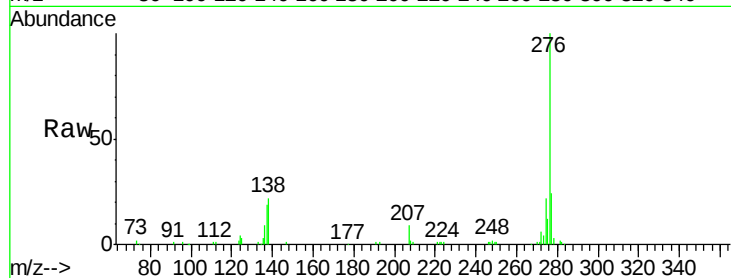
Tgt Ion: 276 Resp: 230395

Ion Ratio Lower Upper

276 100

138 22.4 18.9 28.3

277 23.9 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

