

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\
 Data File : BM002154.D
 Acq On : 31 Jul 2015 13:49
 Operator : TP/UM
 Sample : G3065-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02A0

Quant Time: Aug 01 02:20:58 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 02:15:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	70713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	286227	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	170258	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	376917	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	473464	20.00	ng/ul	0.01
86) Perylene-d12	23.40	264	452575	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	7669	5.61	ng/uL	0.00
5) Phenol-d5	6.76	99	174459	34.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	94924	33.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	156130	36.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	144258	35.90	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	73418	36.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	87627	38.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	162398	37.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	179477	37.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	452669	36.30	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	552287	35.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	68465	32.89	ng/ul	0.00
58) Fluorene-d10	15.24	176	396699	36.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	55796	24.20	ng/ul	0.00
71) Anthracene-d10	17.09	188	598636	35.58	ng/ul	0.00
79) Pyrene-d10	19.40	212	675853	33.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	780212	35.56	ng/ul	0.01

Target Compounds

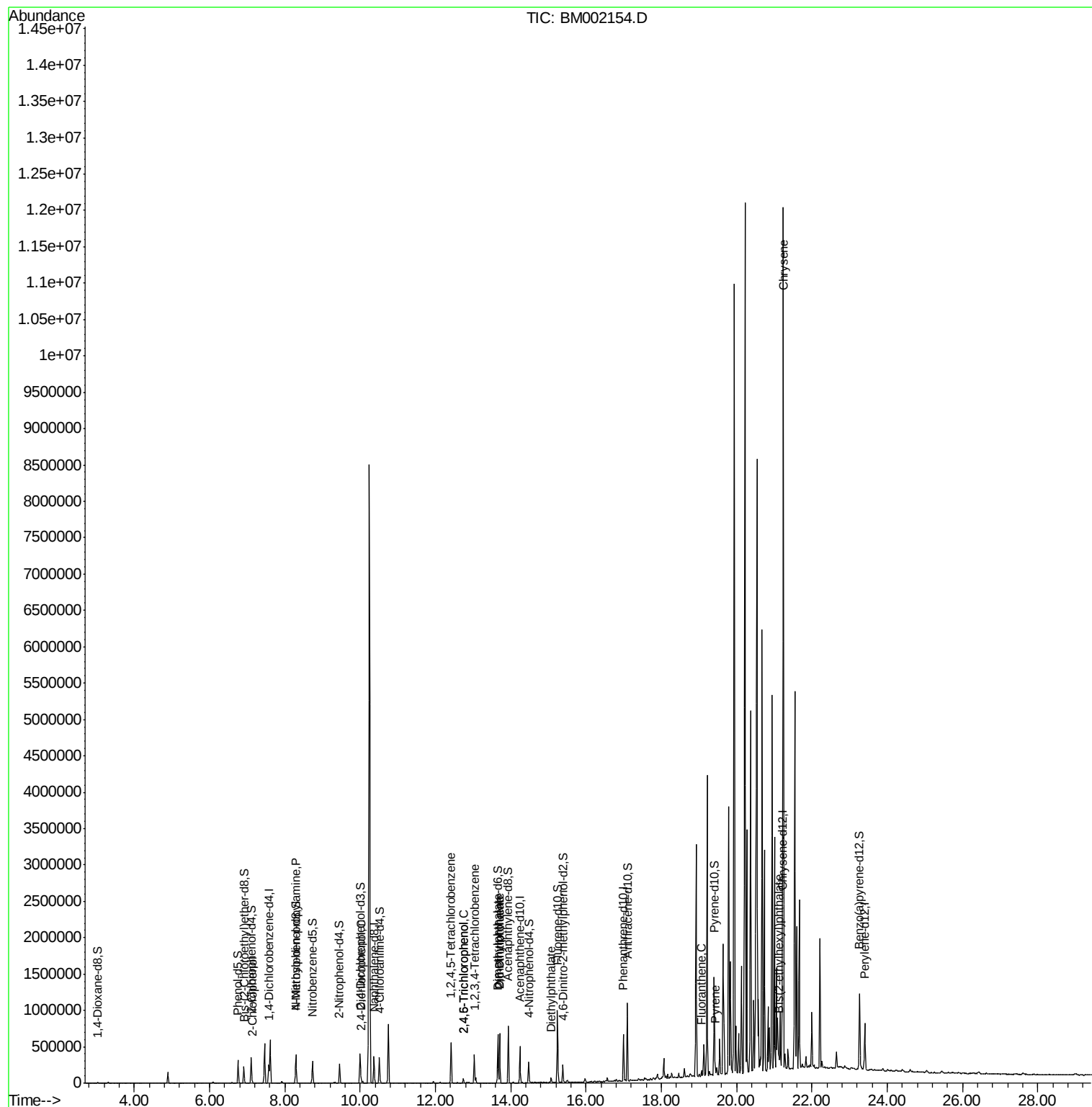
						Ovalue
10) 2-Chlorophenol	7.13	128	6869	1.60	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.29	70	3532	1.15	ng/ul#	1
27) 2,4-Dichlorophenol	10.02	162	14855	3.52	ng/ul#	79
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	188999	31.92	ng/ul	97
39) 2,4,6-Trichlorophenol	12.74	196	19789	5.69	ng/ul	97
40) 2,4,5-Trichlorophenol	12.74	196	19789	5.27	ng/ul	99
45) Dimethylphthalate	13.70	163	418175	33.58	ng/ul	100
46) 2,6-Dinitrotoluene	13.70	165	4612	1.82	ng/ul#	51
57) Diethylphthalate	15.07	149	38858	3.16	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	124834	21.83	ng/uL	99
77) Fluoranthene	19.06	202	50938	2.26	ng/ul	98
80) Pyrene	19.43	202	49110	1.91	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.12	149	17345	1.15	ng/ul	96
85) Chrysene	21.24	228	38135	1.55	ng/ul#	64

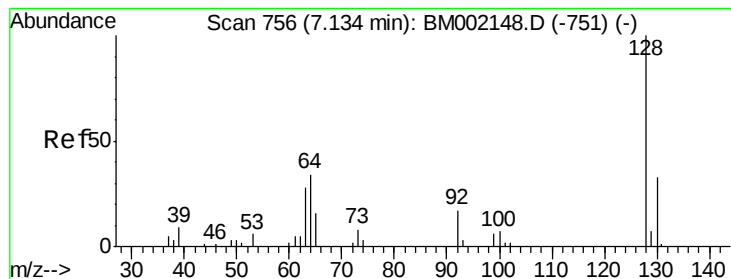
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073115\
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 02:15:30 2015
Response via : Initial Calibration





#10

2-Chlorophenol

Concen: 1.60 ng/ul

RT: 7.13 min Scan# 756

Delta R.T. 0.00 min

Lab File: BM002154.D

Acq: 31 Jul 2015 13:49

Instrument :

BNA_M

ClientSampleId :

C02A0

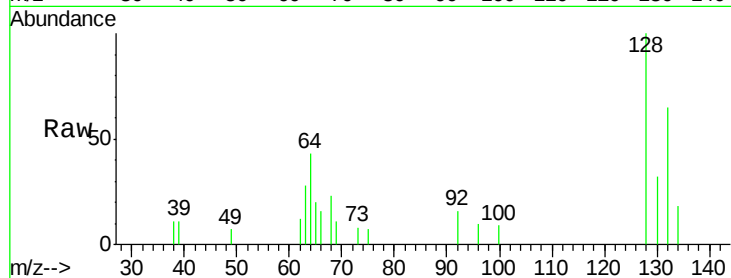
Tot Ion:128 Resp: 6869

Ion Ratio Lower Upper

128 100

64 43.2 33.4 50.0

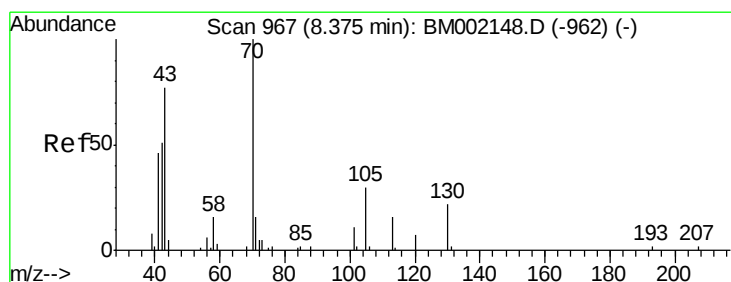
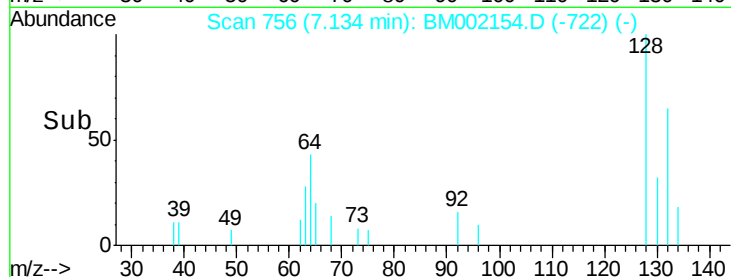
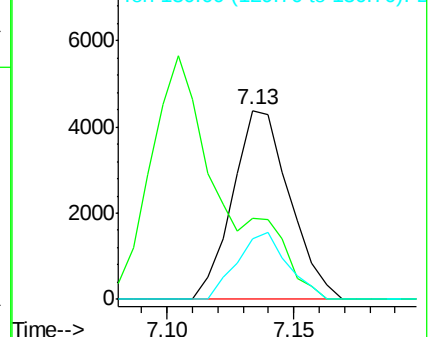
130 31.9 24.8 37.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#15

N-Nitroso-di-n-propylamine

Concen: 1.15 ng/ul

RT: 8.29 min Scan# 953

Delta R.T. -0.08 min

Lab File: BM002154.D

Acq: 31 Jul 2015 13:49

Tgt Ion: 70 Resp: 3532

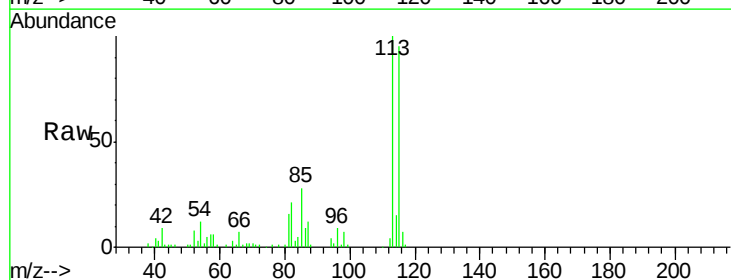
Ion Ratio Lower Upper

70 100

42 368.7 39.2 58.8#

101 0.0 8.6 12.8#

130 0.0 20.2 30.4#

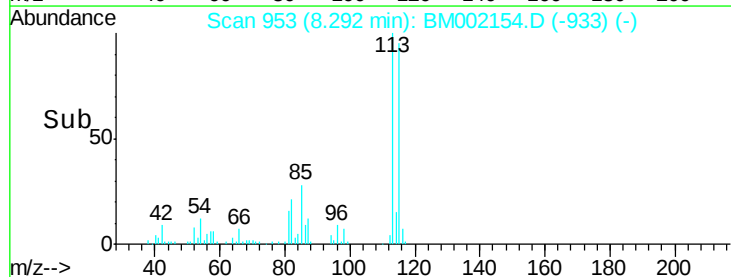
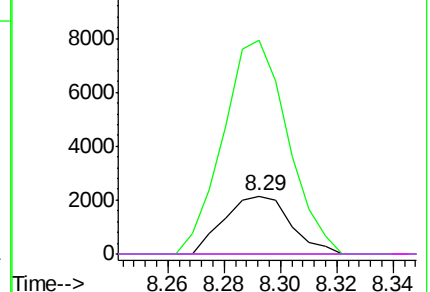


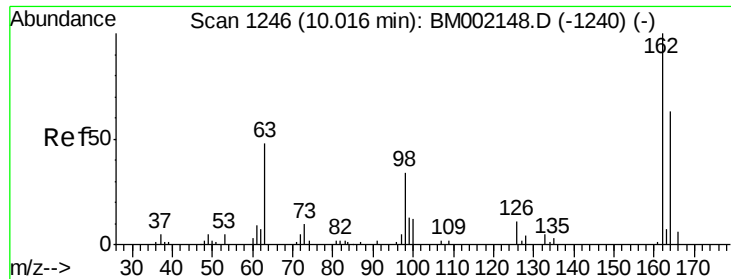
Abundance Ion 70.00 (69.70 to 70.70): BM0

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

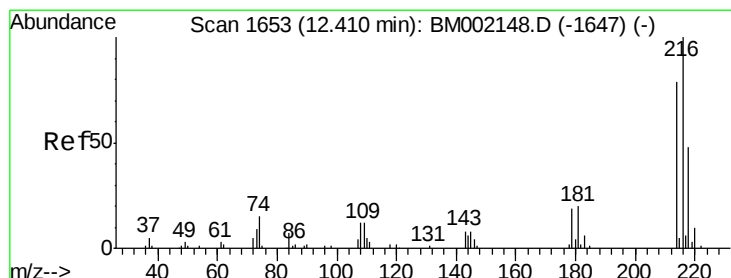
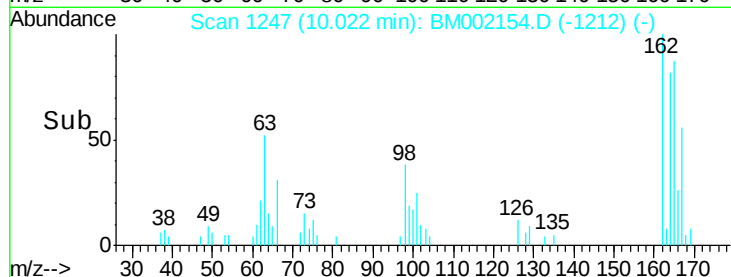
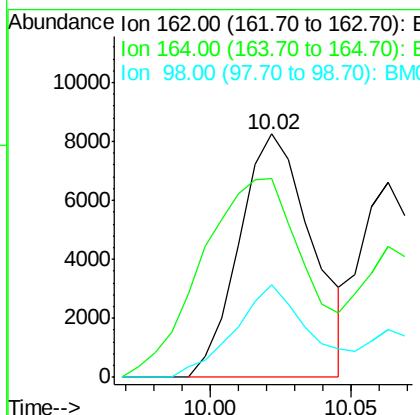
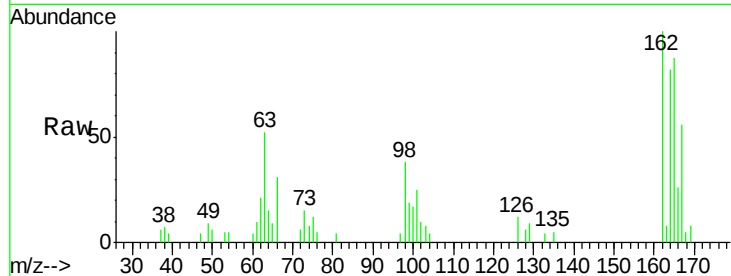




#27
 2,4-Dichlorophenol
 Concen: 3.52 ng/ul
 RT: 10.02 min Scan# 1247
 Delta R.T. 0.01 min
 Lab File: BM002154.D
 Acq: 31 Jul 2015 13:49

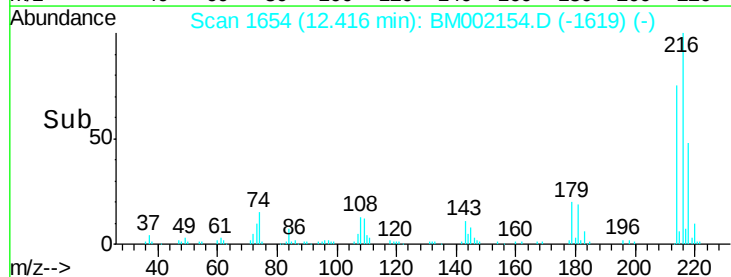
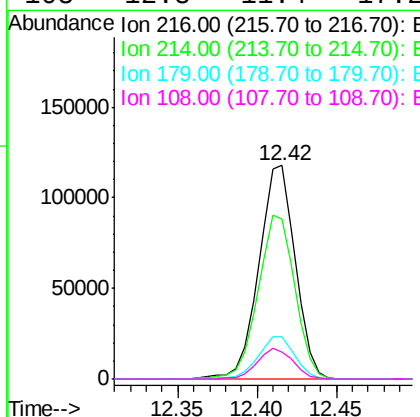
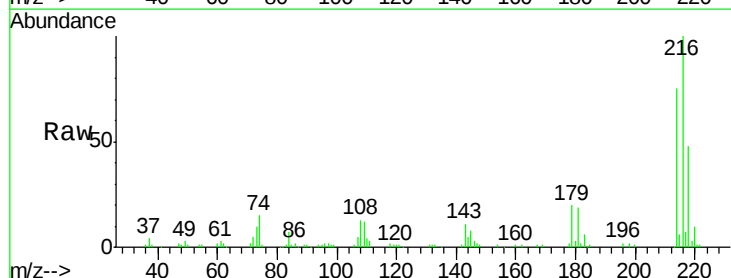
Instrument :
 BNA_M
 ClientSampleId :
 C02A0

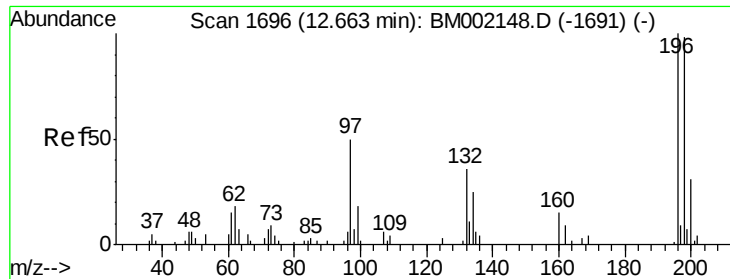
Tot Ion:162 Resp: 14855
 Ion Ratio Lower Upper
 162 100
 164 81.8 49.0 73.6#
 98 38.3 26.2 39.2



#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.92 ng/ul
 RT: 12.42 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BM002154.D
 Acq: 31 Jul 2015 13:49

Tgt Ion:216 Resp: 188999
 Ion Ratio Lower Upper
 216 100
 214 74.8 62.6 93.8
 179 19.6 15.8 23.6
 108 12.8 11.4 17.2

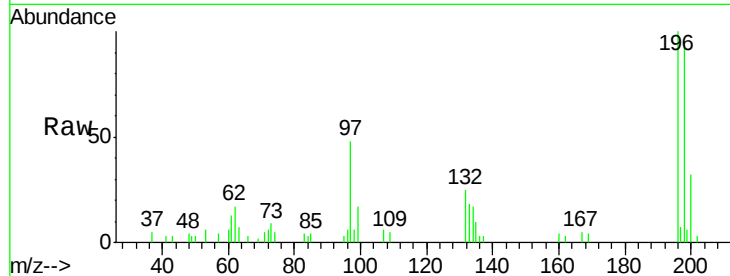




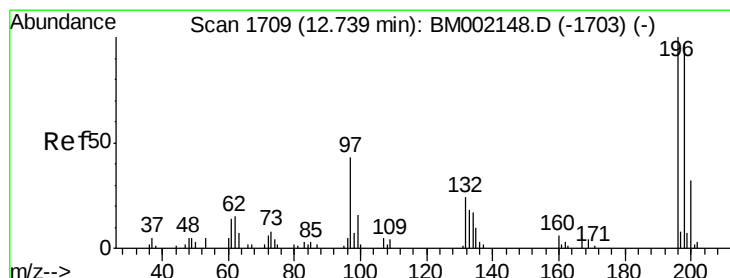
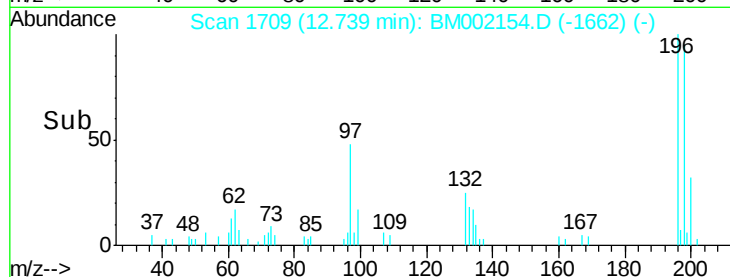
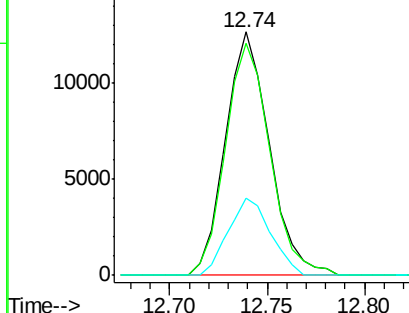
#39
 2,4,6-Trichlorophenol
 Concen: 5.69 ng/ul
 RT: 12.74 min Scan# 1709
 Delta R.T. 0.08 min
 Lab File: BM002154.D
 Acq: 31 Jul 2015 13:49

Instrument :
 BNA_M
 ClientSampleId :
 C02A0

Tot Ion:196 Resp: 19789
 Ion Ratio Lower Upper
 196 100
 198 95.2 79.1 118.7
 200 31.6 25.0 37.6

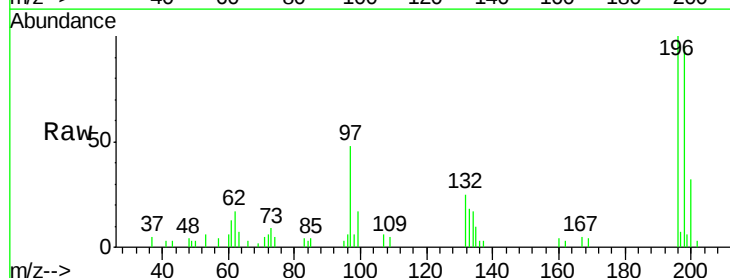


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

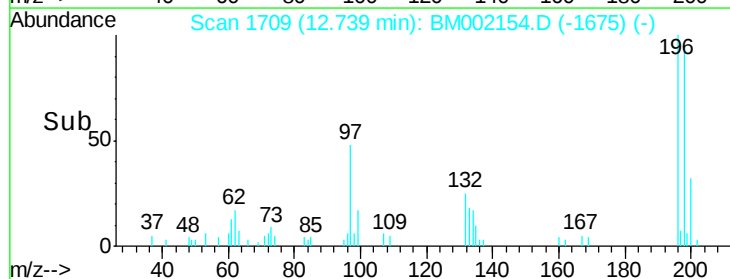
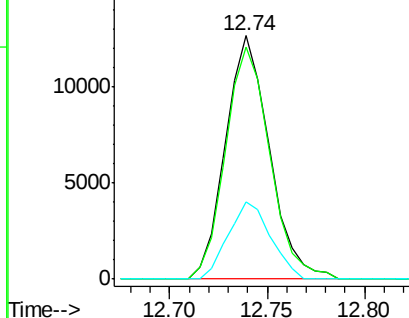


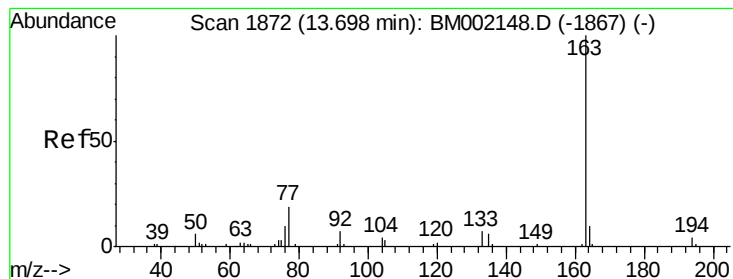
#40
 2,4,5-Trichlorophenol
 Concen: 5.27 ng/ul
 RT: 12.74 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BM002154.D
 Acq: 31 Jul 2015 13:49

Tgt Ion:196 Resp: 19789
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.8 115.2
 200 31.6 24.3 36.5



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





#45

Dimethylphthalate

Concen: 33.58 ng/ul

RT: 13.70 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BM002154.D

Acq: 31 Jul 2015 13:49

Instrument :

BNA_M

ClientSampleId :

C02A0

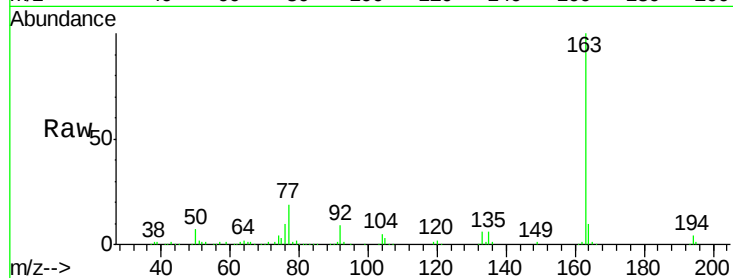
Tot Ion:163 Resp: 418175

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

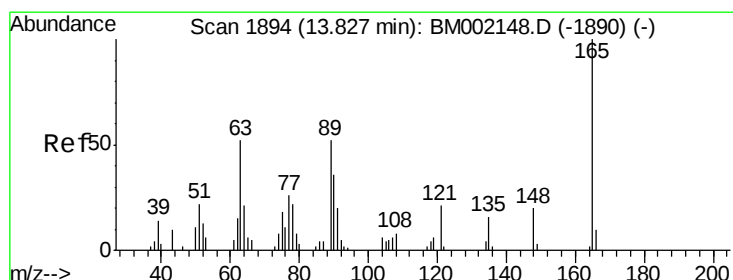
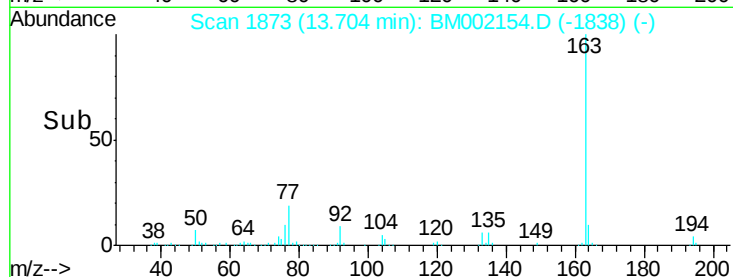
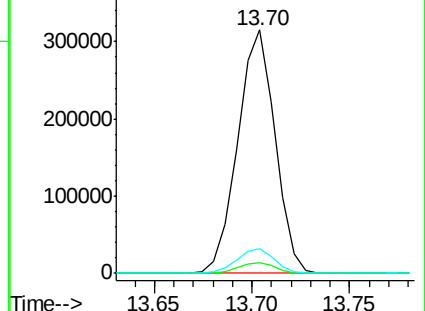
164 9.9 8.0 12.0



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: 1.82 ng/ul

RT: 13.70 min Scan# 1873

Delta R.T. -0.12 min

Lab File: BM002154.D

Acq: 31 Jul 2015 13:49

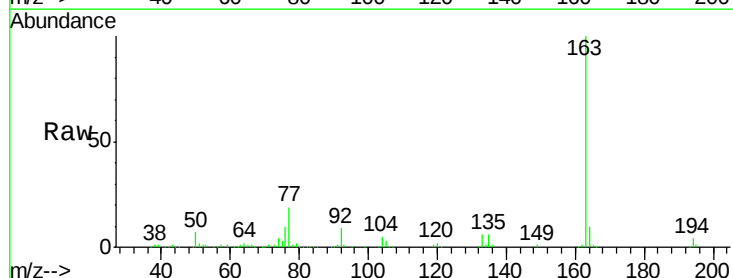
Tgt Ion:165 Resp: 4612

Ion Ratio Lower Upper

165 100

89 13.4 42.7 64.1#

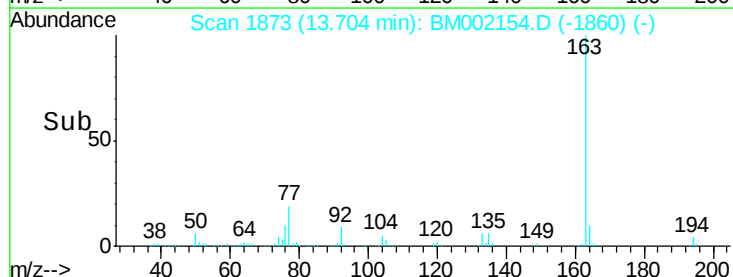
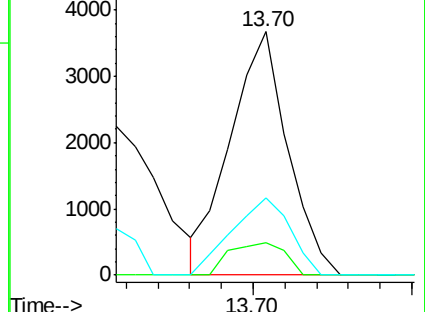
121 31.6 14.8 22.2#

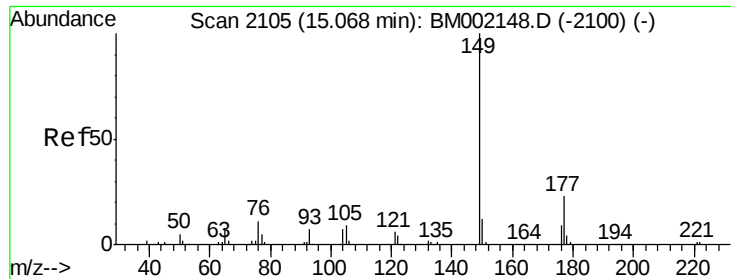


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E

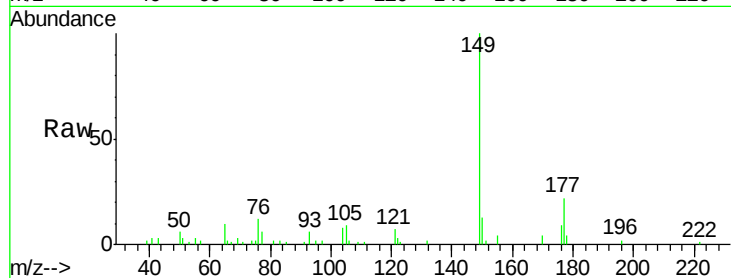




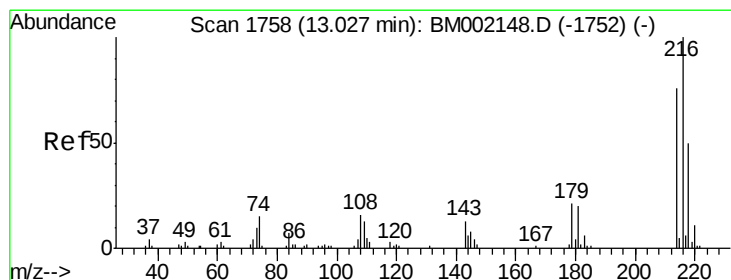
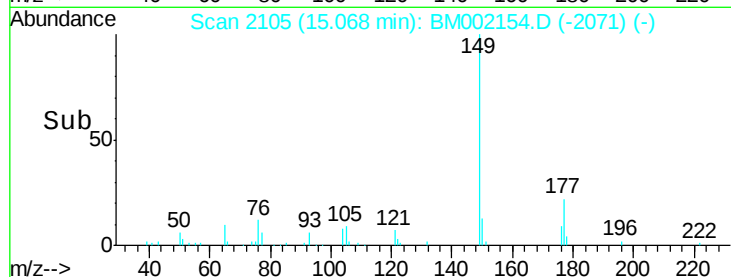
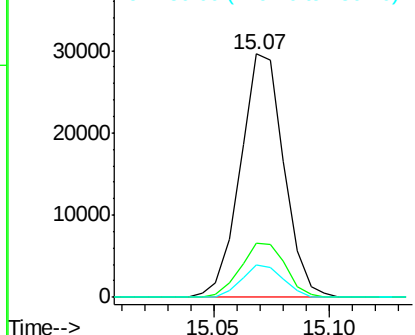
#57
Diethylphthalate
Concen: 3.16 ng/ul
RT: 15.07 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM002154.D
Acq: 31 Jul 2015 13:49

Instrument :
BNA_M
ClientSampleId :
C02A0

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.4	27.6
150	13.2	10.1	15.1

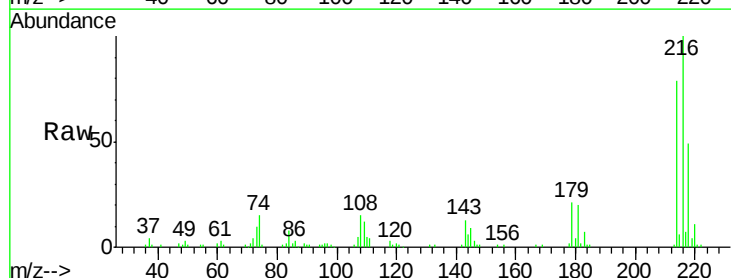


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

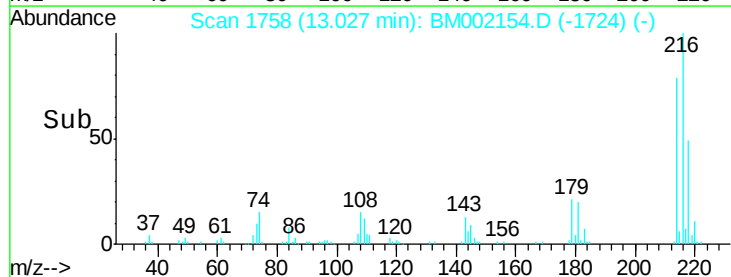
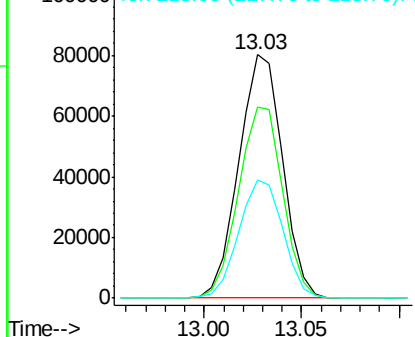


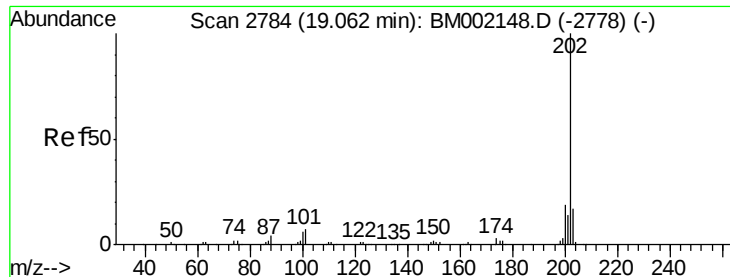
#73
1,2,3,4-Tetrachlorobenzene
Concen: 21.83 ng/uL
RT: 13.03 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BM002154.D
Acq: 31 Jul 2015 13:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.7	94.1
218	48.8	40.2	60.2



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E

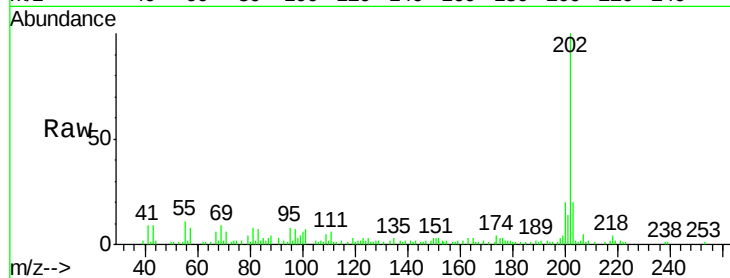




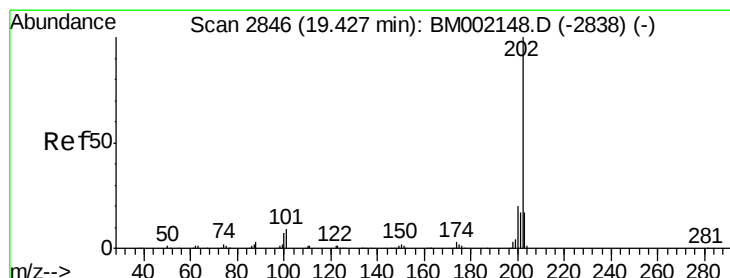
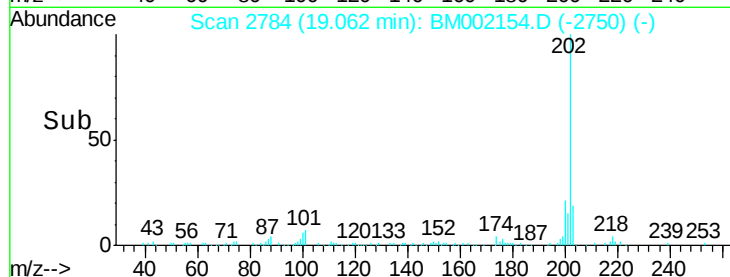
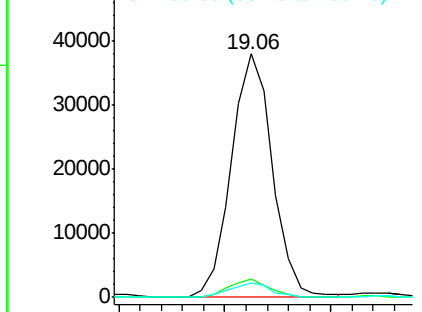
#77
Fluoranthene
Concen: 2.26 ng/ul
RT: 19.06 min Scan# 2784
Delta R.T. 0.00 min
Lab File: BM002154.D
Acq: 31 Jul 2015 13:49

Instrument :
BNA_M
ClientSampleId :
C02A0

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.2	9.4
100	5.8	5.2	7.8

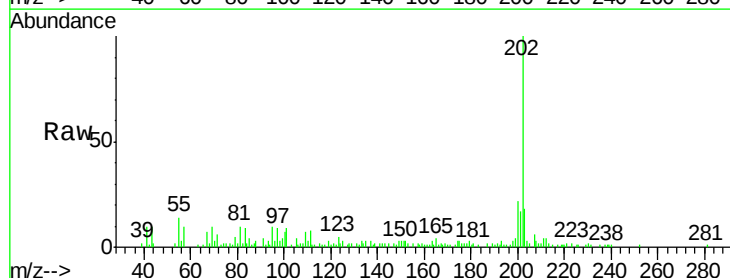


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

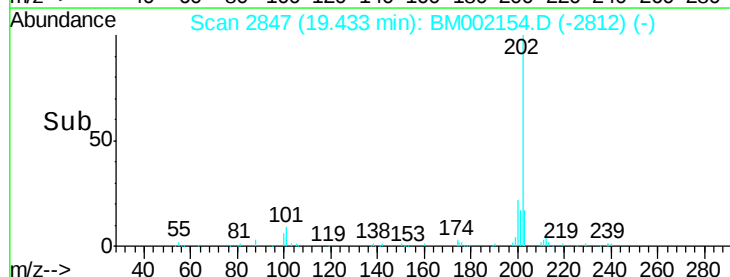
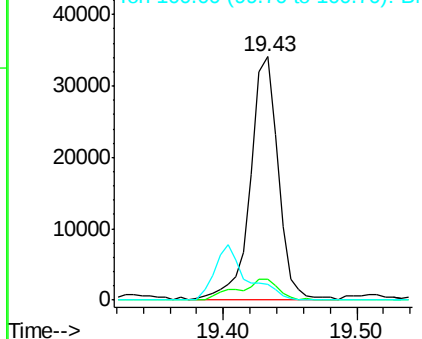


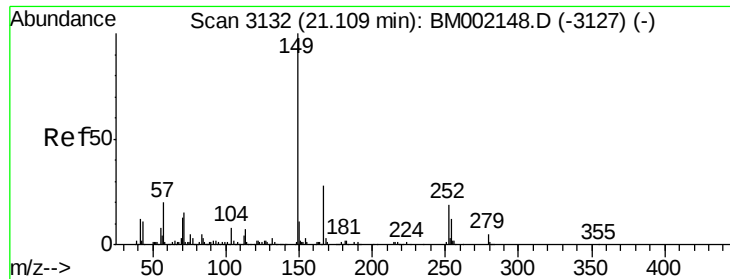
#80
Pyrene
Concen: 1.91 ng/ul
RT: 19.43 min Scan# 2847
Delta R.T. 0.01 min
Lab File: BM002154.D
Acq: 31 Jul 2015 13:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.4	11.2
100	6.6	6.3	9.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.15 ng/ul

RT: 21.12 min Scan# 3133

Delta R.T. 0.01 min

Lab File: BM002154.D

Acq: 31 Jul 2015 13:49

Instrument :

BNA_M

ClientSampleId :

C02A0

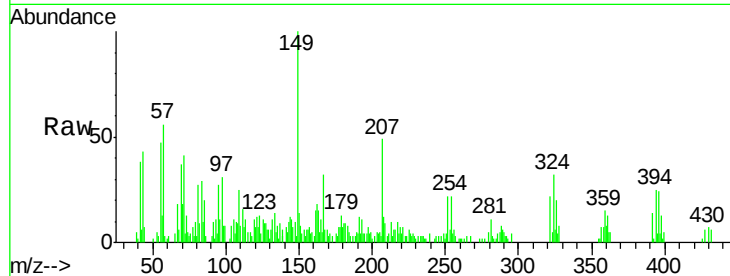
Tot Ion:149 Resp: 17345

Ion Ratio Lower Upper

149 100

167 31.8 23.6 35.4

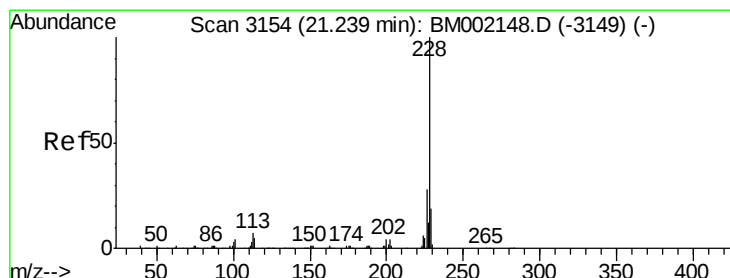
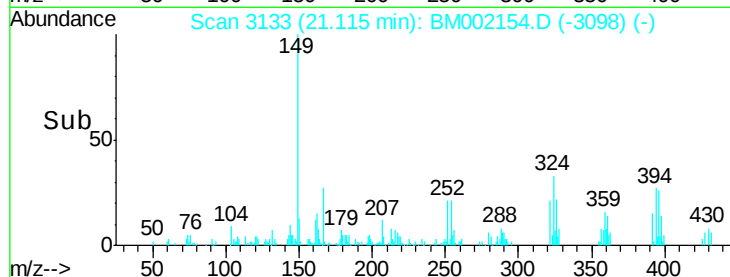
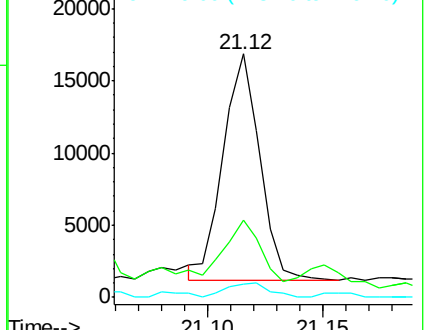
279 5.5 4.2 6.4



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: 1.55 ng/ul

RT: 21.24 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BM002154.D

Acq: 31 Jul 2015 13:49

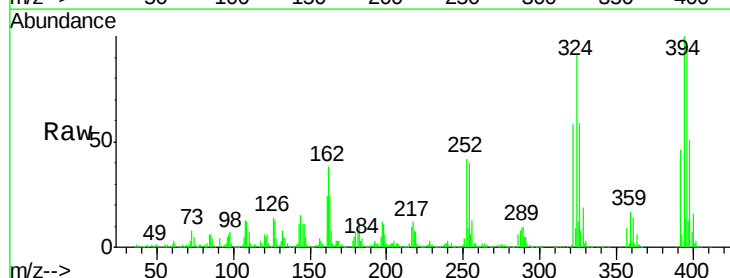
Tgt Ion:228 Resp: 38135

Ion Ratio Lower Upper

228 100

226 37.2 22.3 33.5#

229 48.2 15.5 23.3#



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

