

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 02:37:11 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

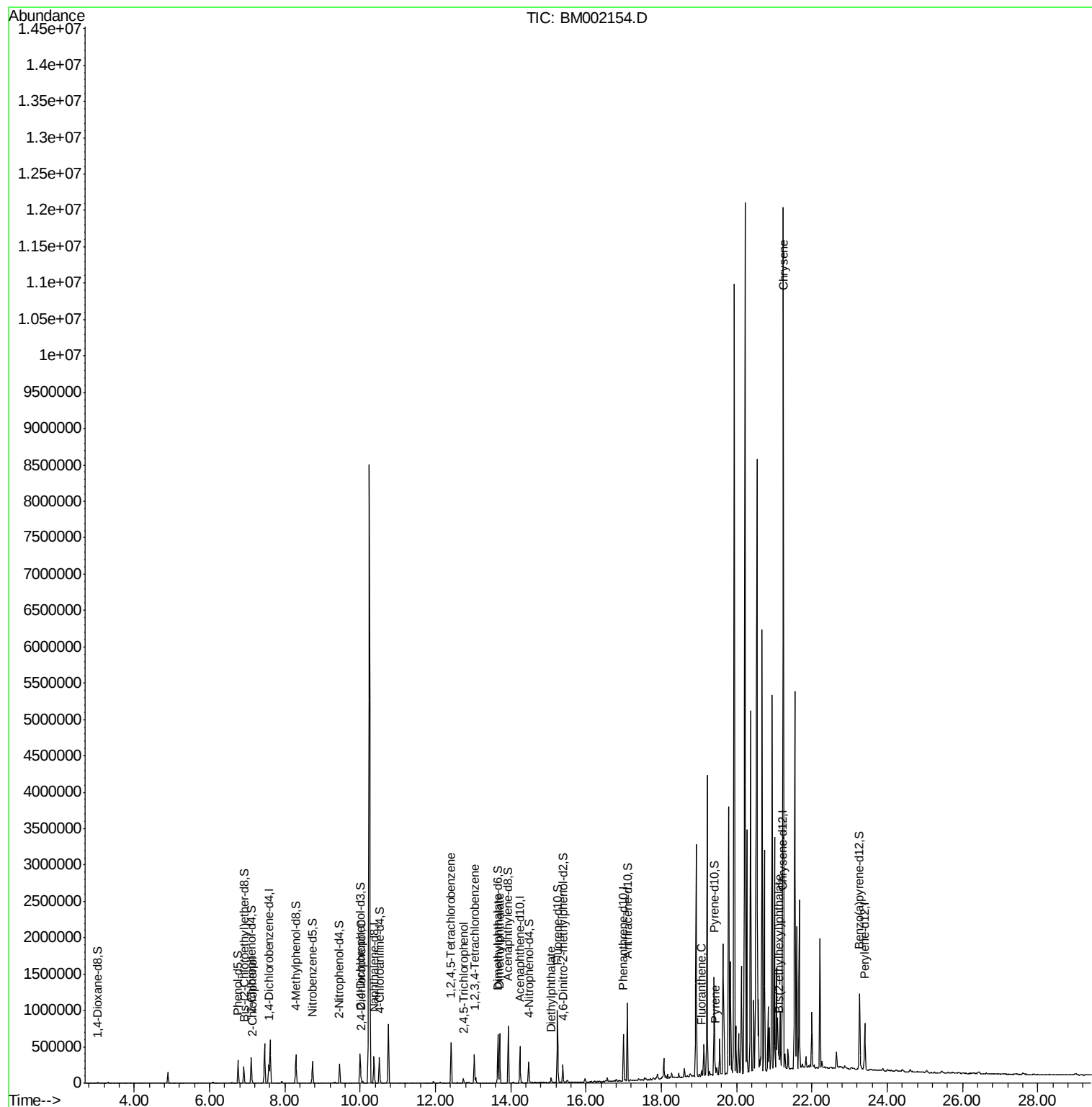
						Ovalue
10) 2-Chlorophenol	7.13	128	6869	1.60	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	14855	3.52	ng/ul#	79
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	188999	31.92	ng/ul	97
40) 2,4,5-Trichlorophenol	12.74	196	19789	5.27	ng/ul	99
45) Dimethylphthalate	13.70	163	418175	33.58	ng/ul	100
57) Diethylphthalate	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

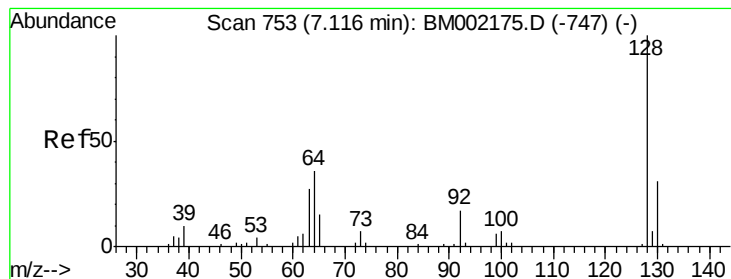
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

2-Chlorophenol

Concen: 1.60 ng/ul

RT: 7.13 min Scan# 756

Delta R.T. 0.00 min

Lab File: BM002154.D

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Instrument :

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ClientSampleId :

C02A0

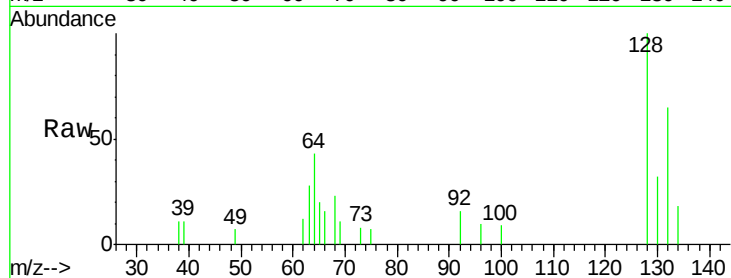
Tot Ion:128 Resp: 6869

Ion Ratio Lower Upper

128 100

64 43.2 33.4 50.0

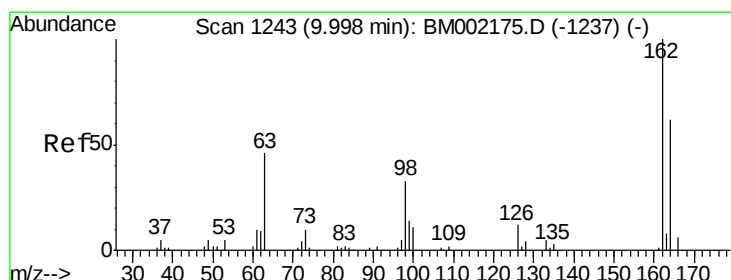
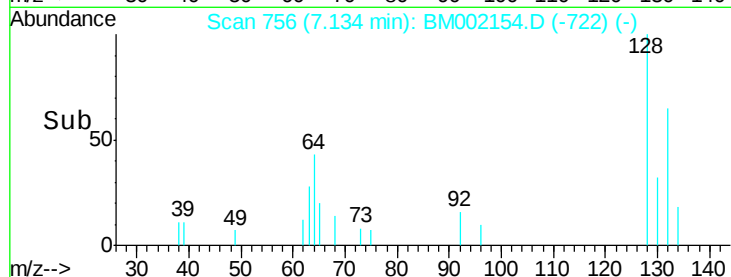
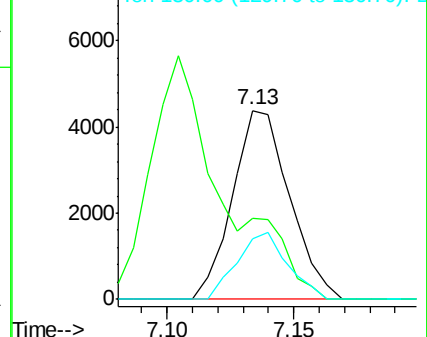
130 31.9 24.8 37.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM002154.D (-722) (-)

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

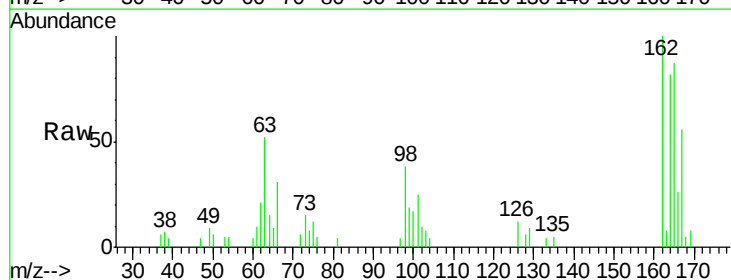
Tgt Ion:162 Resp: 14855

Ion Ratio Lower Upper

162 100

164 81.8 49.0 73.6#

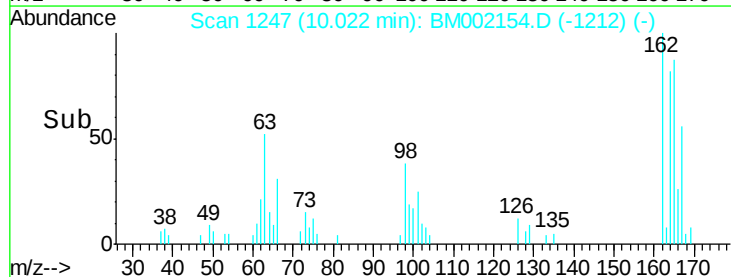
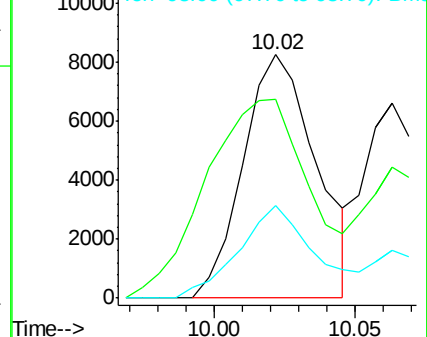
98 38.3 26.2 39.2

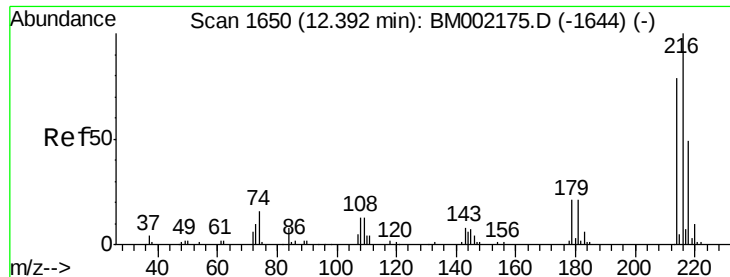


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM002154.D (-1212) (-)

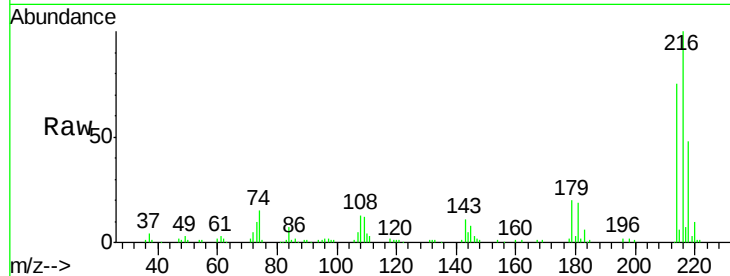




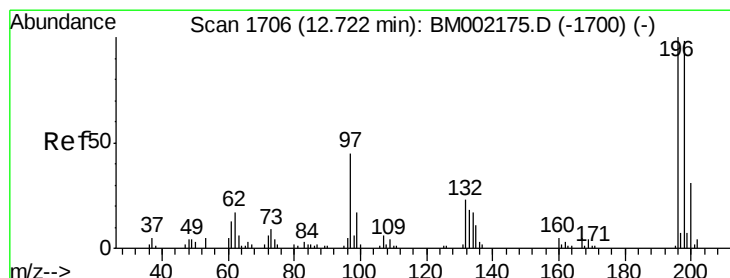
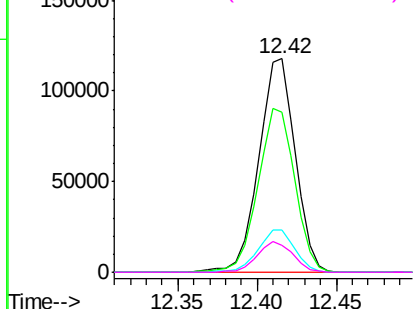
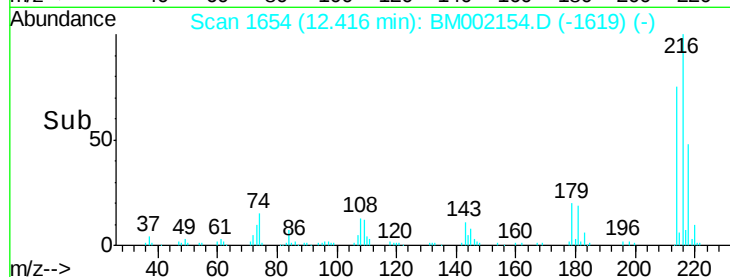
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.92 ng/ul
 RT: 12.42 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BM002154.D
 Acq: 31 Jul 2015 13:49

Instrument :
 BNA_M
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 C02A0

Tot 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

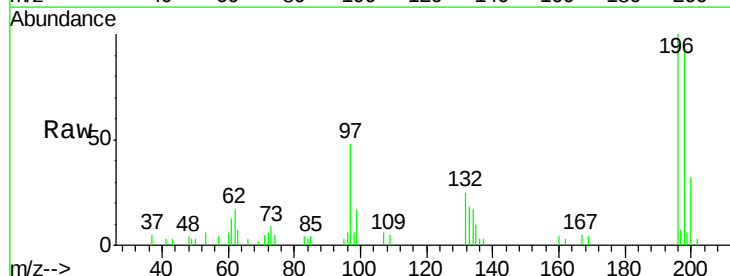


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

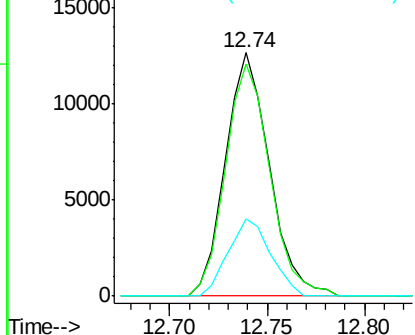
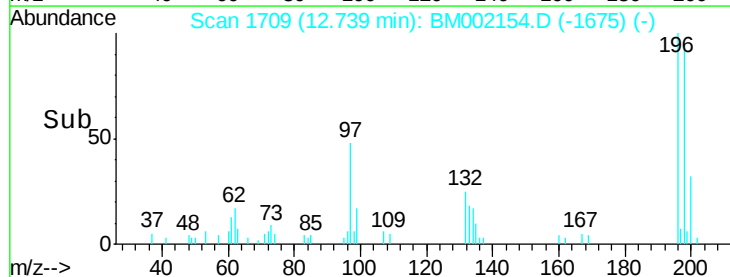


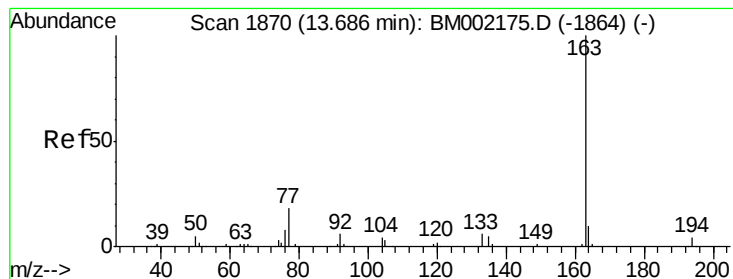
#40
 2,4,5-Trichlorophenol
 Concen: 5.27 ng/ul
 RT: 12.74 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BM002154.D
 Acq: 31 Jul 2015 13:49

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

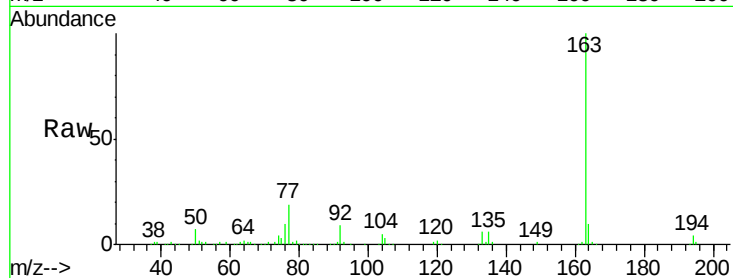
Tot Ion:163 Resp: 418175

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

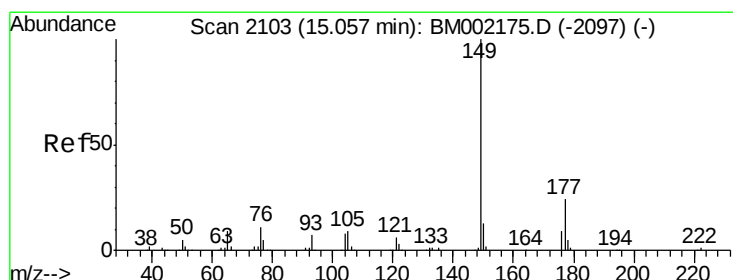
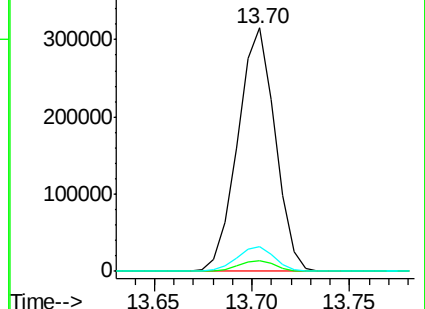
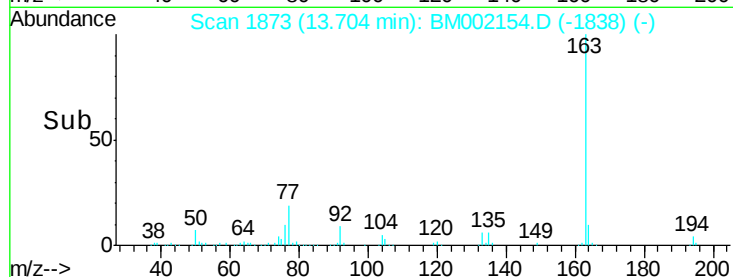
164 9.9 8.0 12.0



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



#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

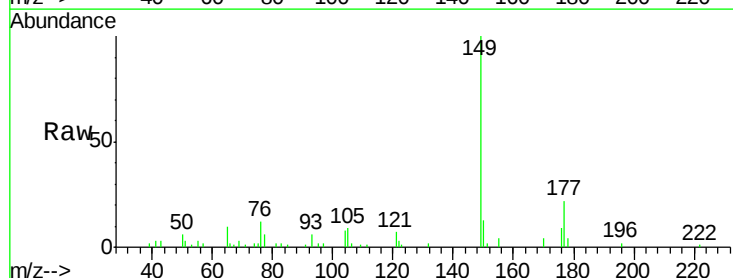
Tgt Ion:149 Resp: 38858

Ion Ratio Lower Upper

149 100

177 22.4 18.4 27.6

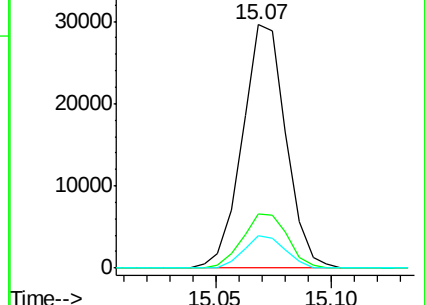
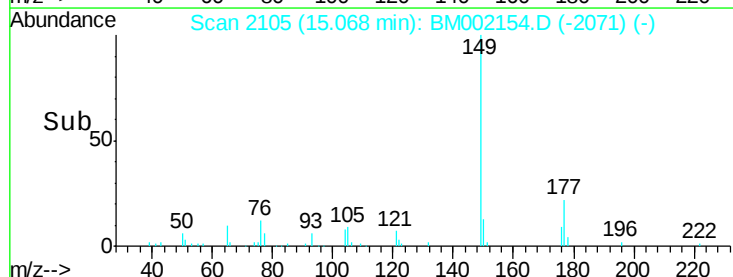
150 13.2 10.1 15.1

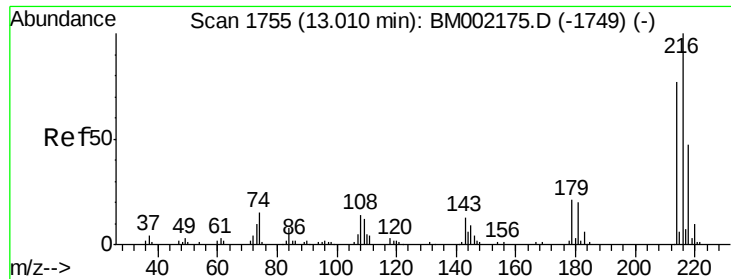


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

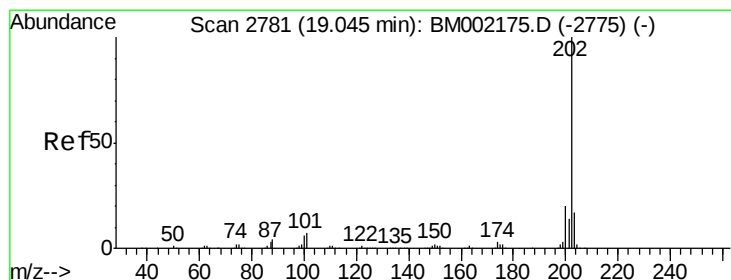
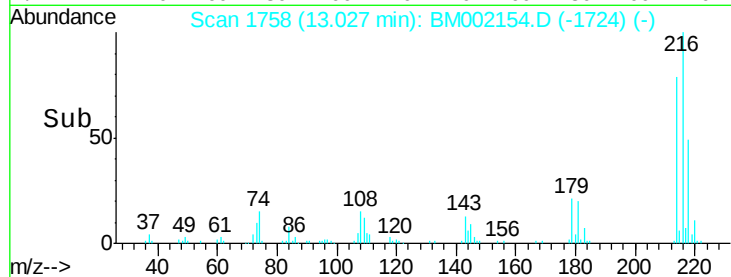
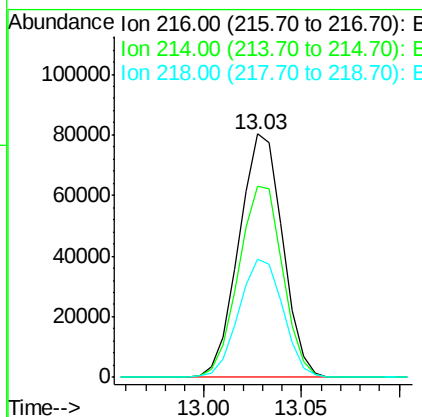
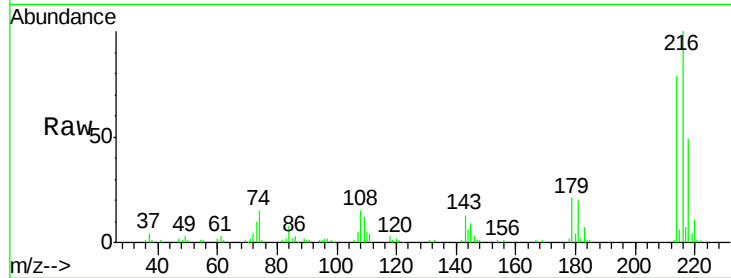




#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 21.83 ng/uL
 RT: 13.03 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BM002154.D
 Acq: 31 Jul 2015 13:49

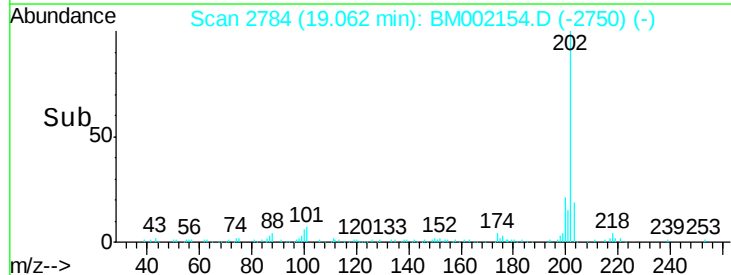
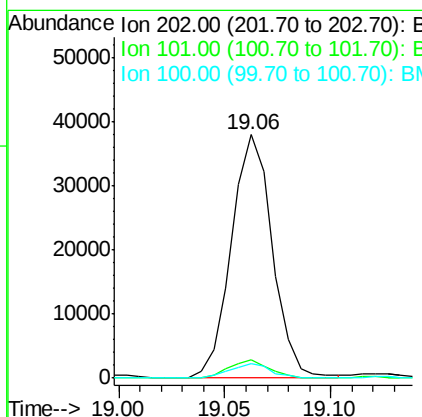
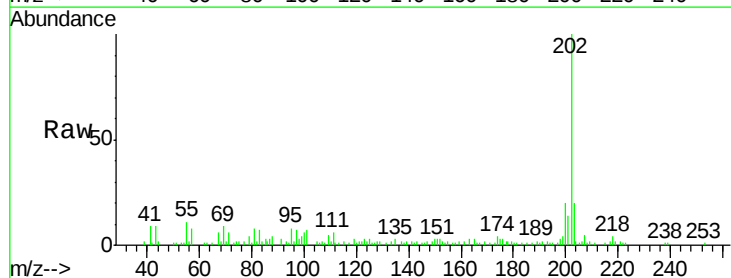
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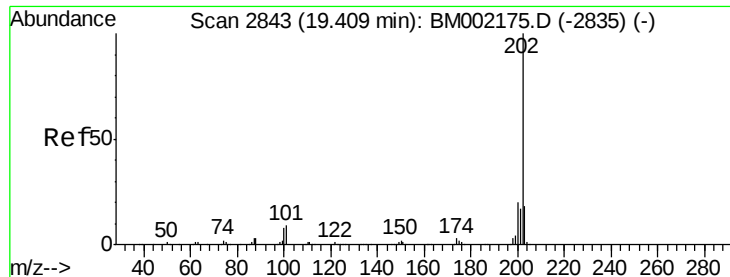
Tot Ion:216 Resp: 124834
 Ion Ratio Lower Upper
 216 100
 214 78.7 62.7 94.1
 218 48.8 40.2 60.2



#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

Tgt Ion:202 Resp: 50938
 Ion Ratio Lower Upper
 202 100
 101 7.4 6.2 9.4
 100 5.8 5.2 7.8

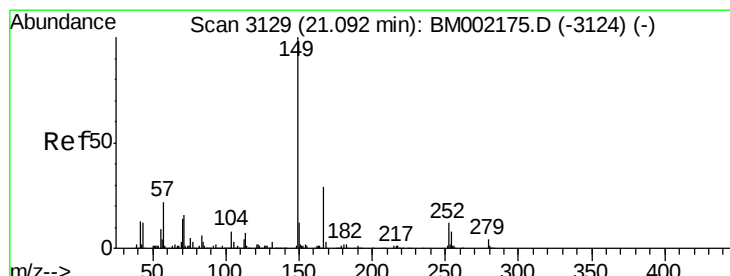
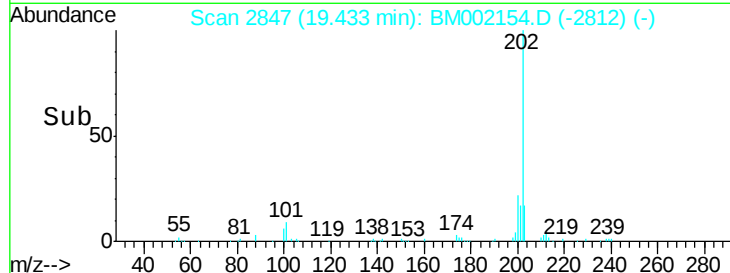
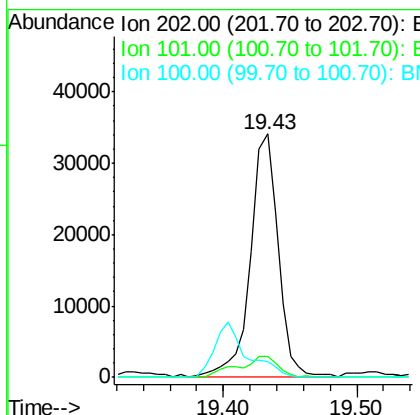
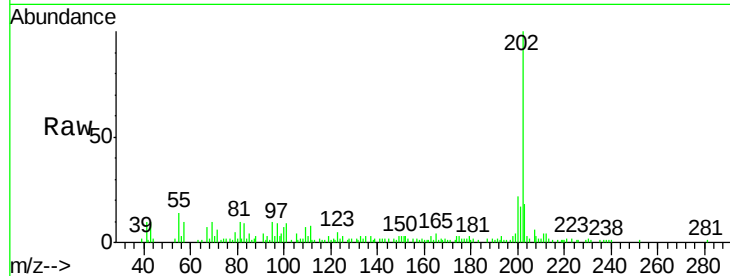




#80
Pvrene
Concen: 1.91 ng/ul
RT: 19.43 min Scan# 2847
Delta R.T. 0.01 min
Lab File: BM002154.D
Acq: 31 Jul 2015 13:49

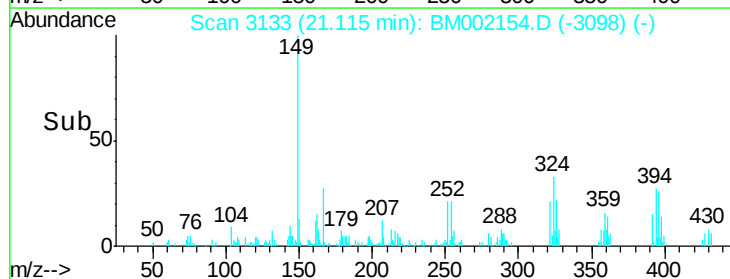
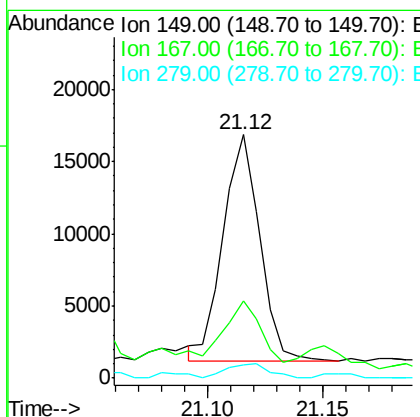
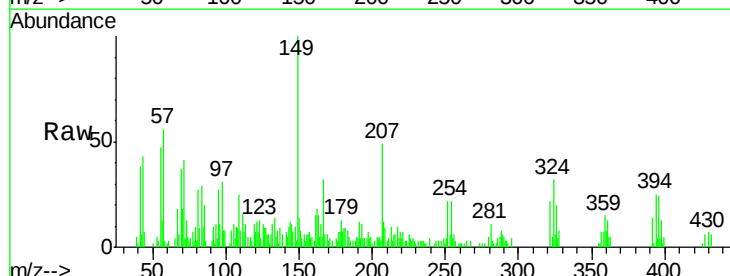
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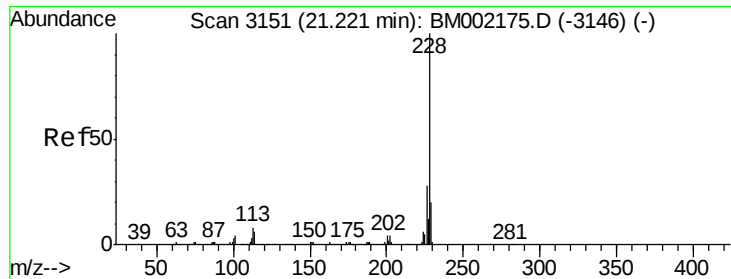
Tot Ion:202 Resp: 49110
Ion Ratio Lower Upper
202 100
101 8.7 7.4 11.2
100 6.6 6.3 9.5



#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

Tgt Ion:149 Resp: 17345
Ion Ratio Lower Upper
149 100
167 31.8 23.6 35.4
279 5.5 4.2 6.4





#85
 Chrvsene
 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

Instrument :
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Tot Ion	Ratio	Lower	Upper
228	100		
226	37.2	22.3	33.5#
229	48.2	15.5	23.3#

