

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
 Data File : BM004824.D
 Acq On : 29 Mar 2016 16:59
 Operator : UM/SJ
 Sample : H1939-10MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9SG3MS

Quant Time: Mar 30 02:33:04 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 30 02:30:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	63429	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	312224	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	189564	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.21	188	445934	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	526738	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	456263	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	6081	3.31	ng/uL	0.00
5) Phenol-d5	6.99	99	145978	28.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	89338	30.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	115102	27.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	126168	30.03	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	58171	26.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	63111	26.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	118678	25.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	165034	29.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	418564	28.24	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	495865	27.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	61255	21.38	ng/ul	0.00
58) Fluorene-d10	15.46	176	358755	27.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	55609	23.73	ng/ul	0.00
71) Anthracene-d10	17.30	188	562342	27.39	ng/ul	0.00
79) Pyrene-d10	19.60	212	669717	27.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	650675	31.93	ng/ul	0.00

Target Compounds

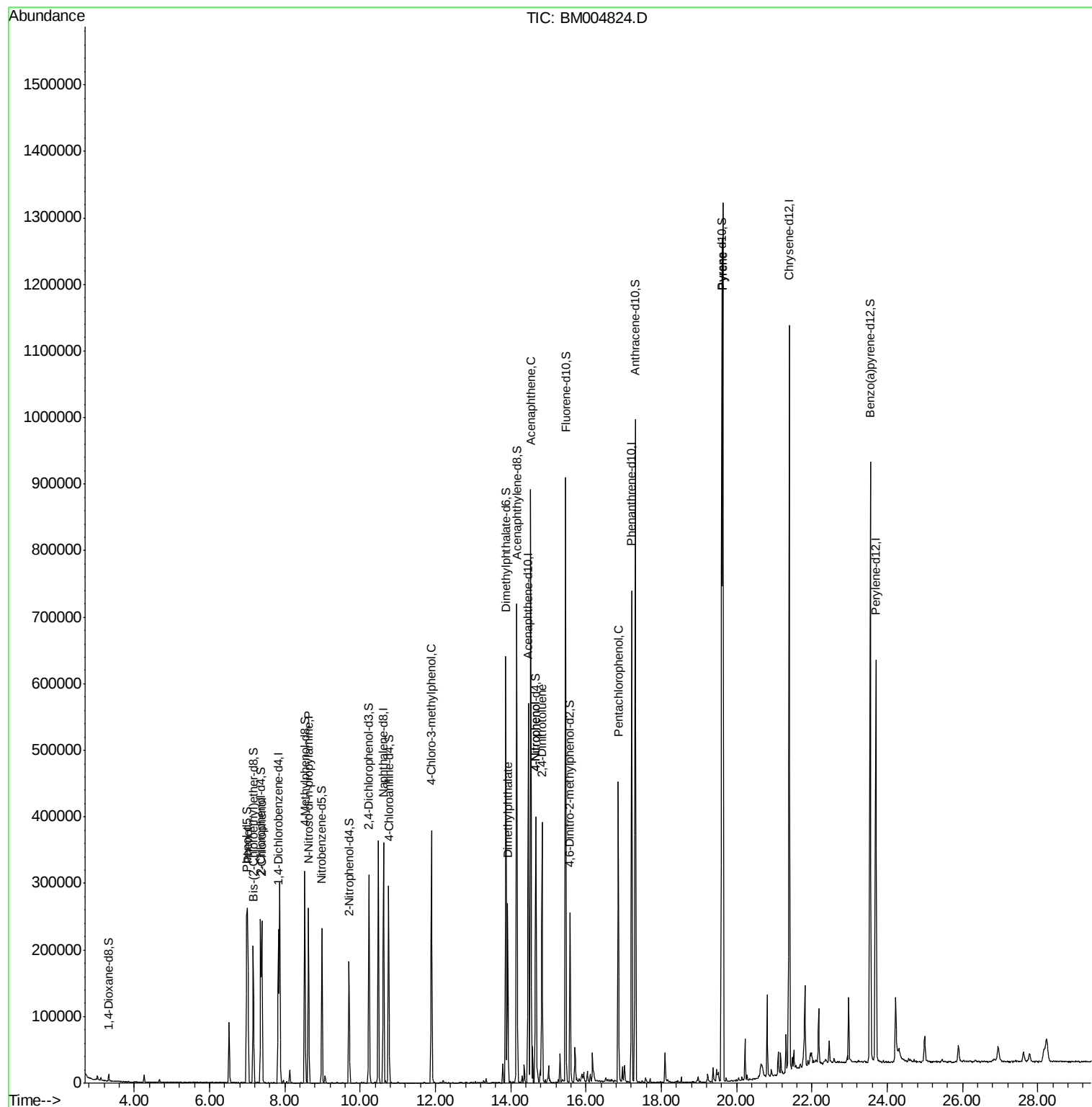
						Qvalue
6) Phenol	7.01	94	148194	27.02	ng/ul	98
10) 2-Chlorophenol	7.39	128	113465	25.62	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.63	70	100476	30.16	ng/ul	96
33) 4-Chloro-3-methylphenol	11.89	107	138747	25.87	ng/ul	99
45) Dimethylphthalate	13.92	163	169991	11.30	ng/ul	100
50) Acenaphthene	14.53	153	333161	25.35	ng/ul	99
53) 4-Nitrophenol	14.67	109	53307	22.95	ng/ul	90
55) 2,4-Dinitrotoluene	14.83	165	111461	27.59	ng/ul	92
69) Pentachlorophenol	16.86	266	75848	23.20	ng/ul	100
80) Pyrene	19.63	202	811334	25.42	ng/ul	99

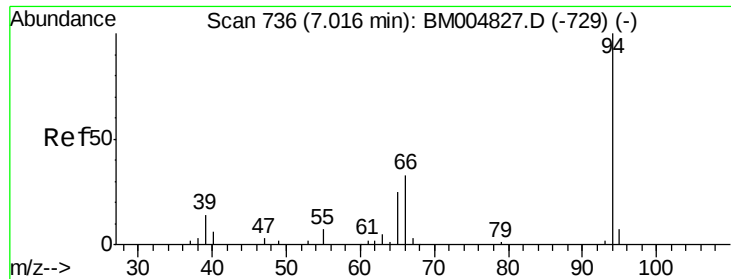
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 27.02 ng/ul

RT: 7.01 min Scan# 735

Delta R.T. -0.00 min

Lab File: BM004824.D

Acq: 29 Mar 2016 16:59

Instrument :

BNA_M

ClientSampleId :

D9SG3MS

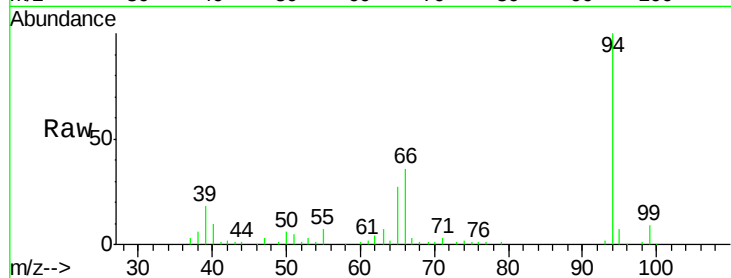
Tgt Ion: 94 Resp: 148194

Ion Ratio Lower Upper

94 100

65 27.0 21.0 31.6

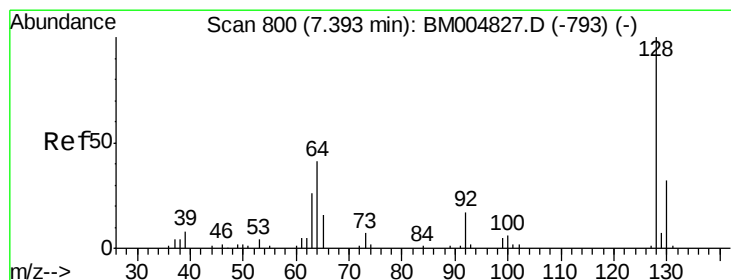
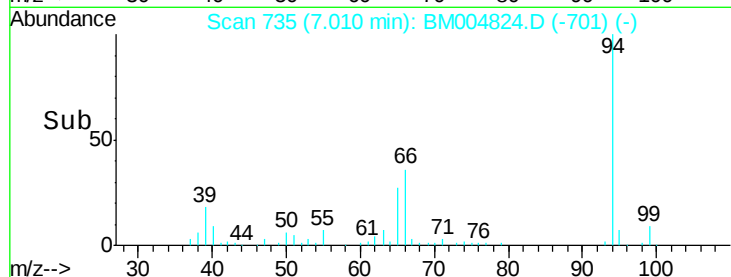
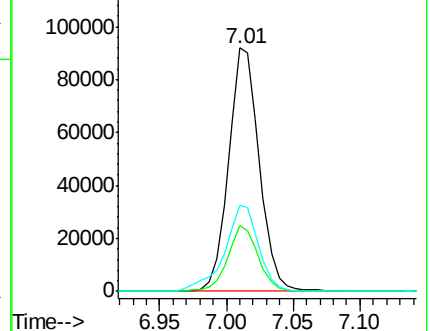
66 35.5 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004824.D (-729) (-)

Ion 65.00 (64.70 to 65.70): BM004824.D (-729) (-)

Ion 66.00 (65.70 to 66.70): BM004824.D (-729) (-)



#10

2-Chlorophenol

Concen: 25.62 ng/ul

RT: 7.39 min Scan# 800

Delta R.T. 0.01 min

Lab File: BM004824.D

Acq: 29 Mar 2016 16:59

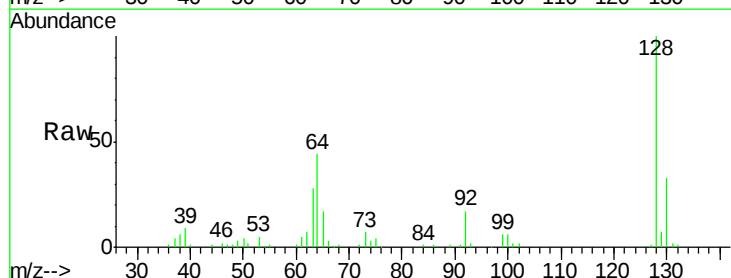
Tgt Ion: 128 Resp: 113465

Ion Ratio Lower Upper

128 100

64 44.1 31.9 47.9

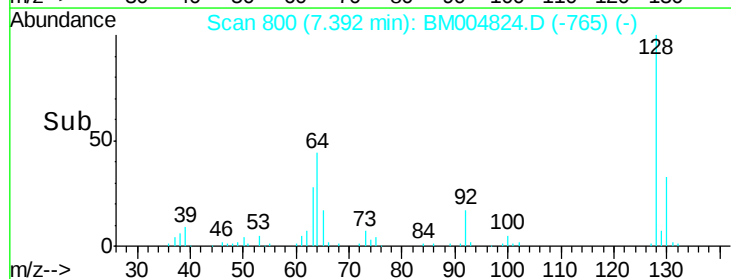
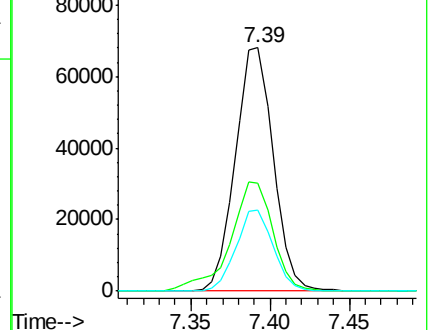
130 33.4 25.6 38.4

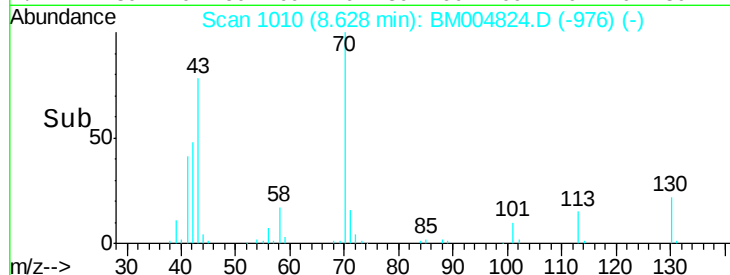
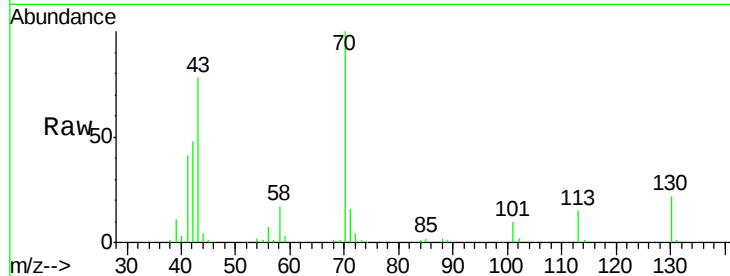
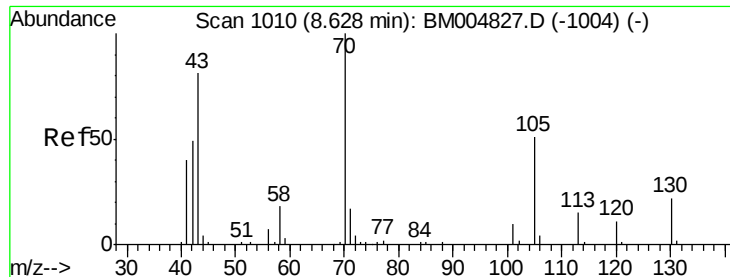


Abundance Ion 128.00 (127.70 to 128.70): BM004824.D (-793) (-)

Ion 64.00 (63.70 to 64.70): BM004824.D (-793) (-)

Ion 130.00 (129.70 to 130.70): BM004824.D (-793) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 30.16 ng/ul

RT: 8.63 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BM004824.D

Acq: 29 Mar 2016 16:59

Instrument :

BNA_M

ClientSampleId :

D9SG3MS

Tgt Ion: 70 Resp: 100476

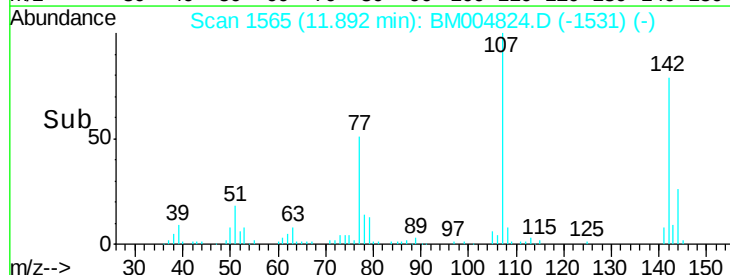
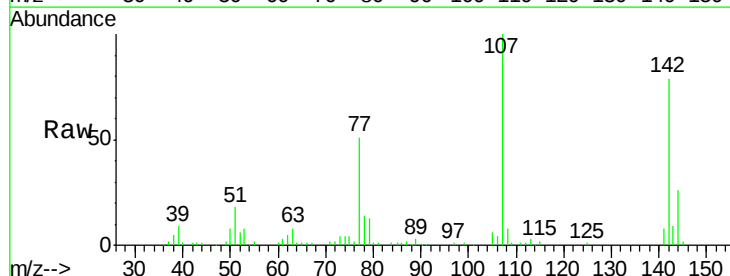
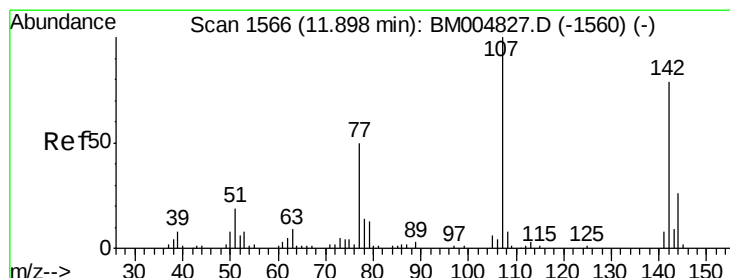
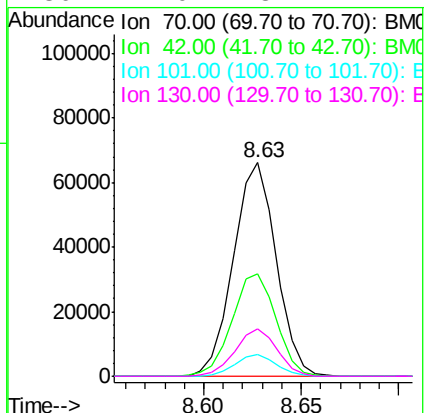
Ion Ratio Lower Upper

70 100

42 48.1 35.4 53.0

101 10.0 8.4 12.6

130 22.0 18.2 27.4



#33

4-Chloro-3-methylphenol

Concen: 25.87 ng/ul

RT: 11.89 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BM004824.D

Acq: 29 Mar 2016 16:59

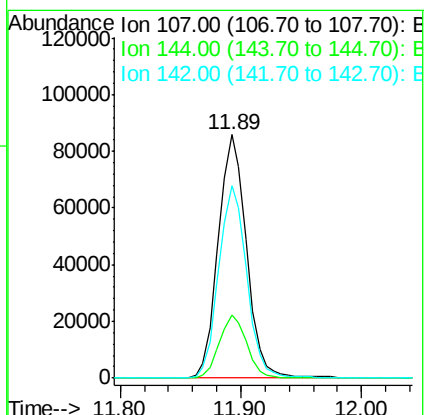
Tgt Ion: 107 Resp: 138747

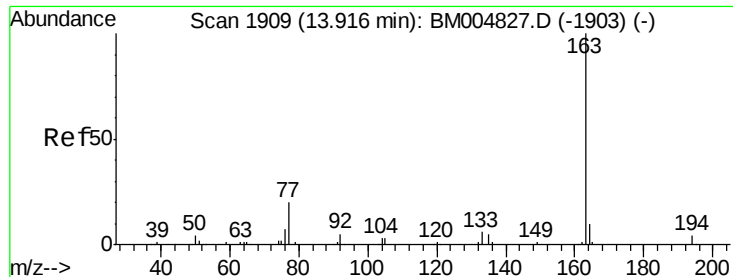
Ion Ratio Lower Upper

107 100

144 25.9 20.4 30.6

142 79.0 62.5 93.7

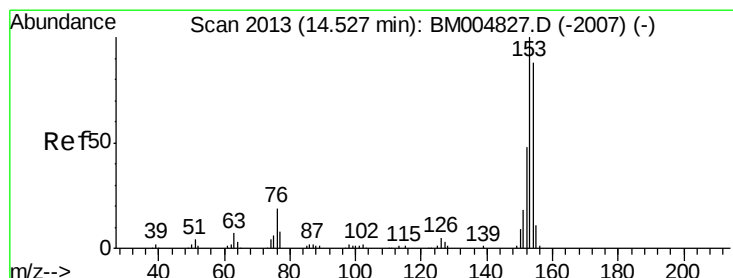
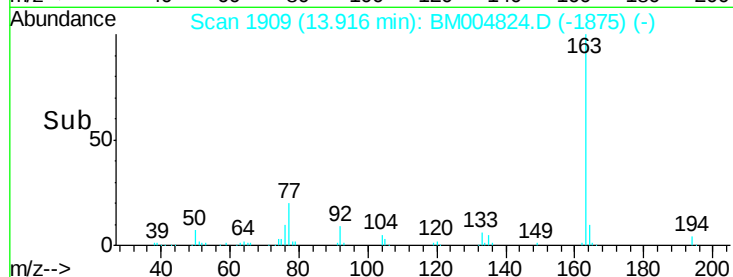
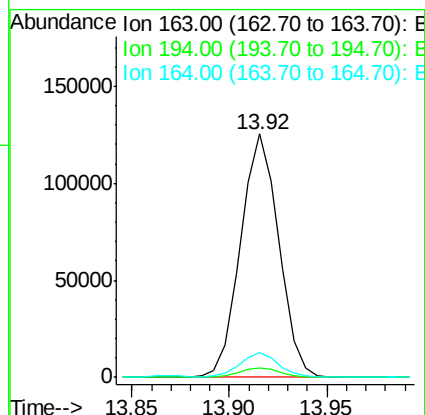
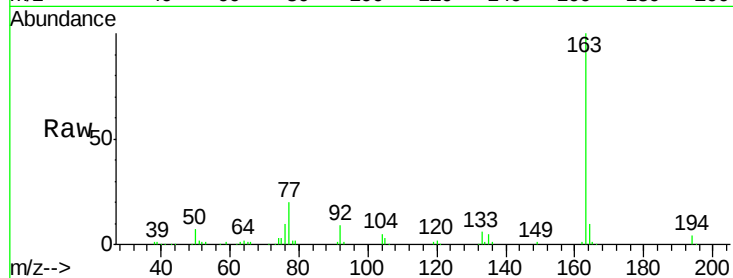




#45
Dimethylphthalate
Concen: 11.30 ng/ul
RT: 13.92 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BM004824.D
Acq: 29 Mar 2016 16:59

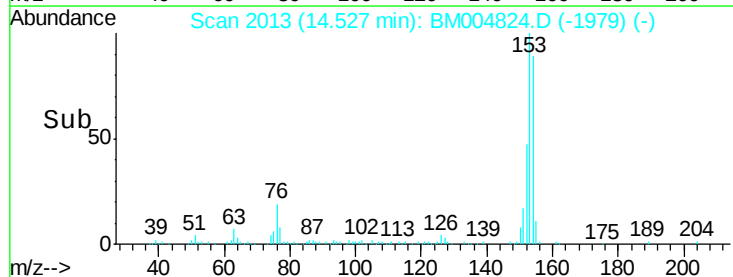
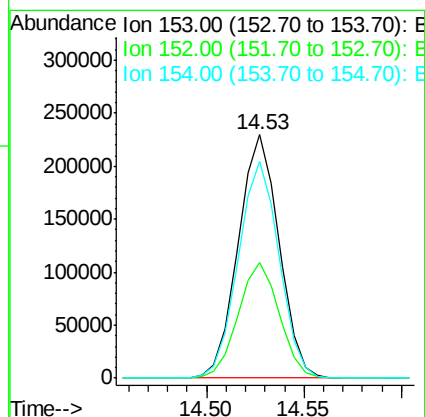
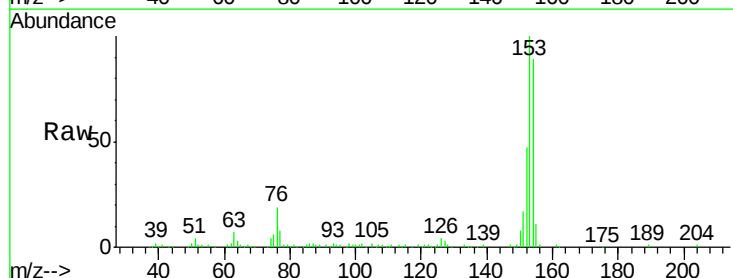
Instrument :
BNA_M
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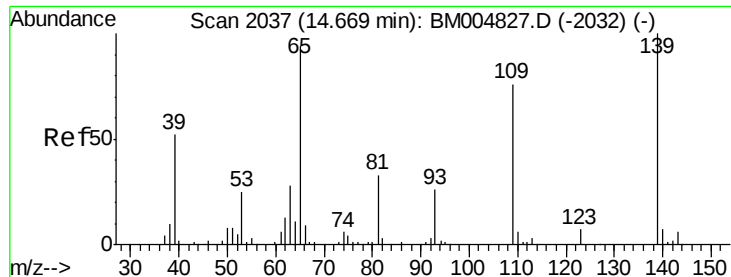
Tgt Ion:163 Resp: 169991
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.9 7.8 11.8



#50
Acenaphthene
Concen: 25.35 ng/ul
RT: 14.53 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BM004824.D
Acq: 29 Mar 2016 16:59

Tgt Ion:153 Resp: 333161
Ion Ratio Lower Upper
153 100
152 47.5 38.3 57.5
154 88.9 71.8 107.8





#53

4-Nitrophenol

Concen: 22.95 ng/ul

RT: 14.67 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BM004824.D

Acq: 29 Mar 2016 16:59

Instrument :

BNA_M

ClientSampleId :

D9SG3MS

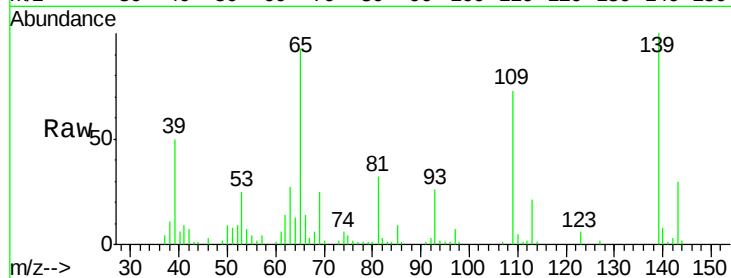
Tgt Ion:109 Resp: 53307

Ion Ratio Lower Upper

109 100

139 136.9 103.7 155.5

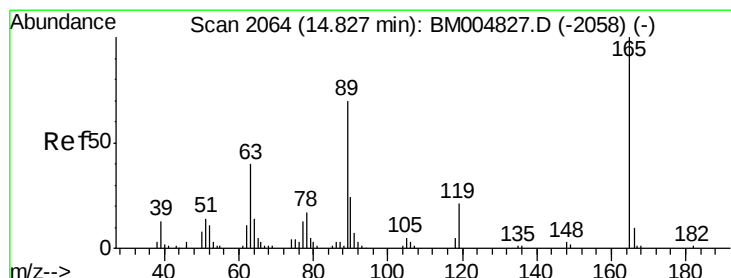
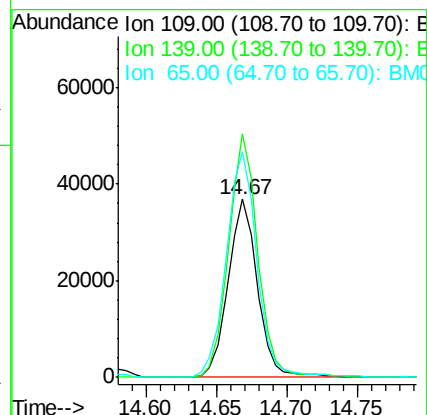
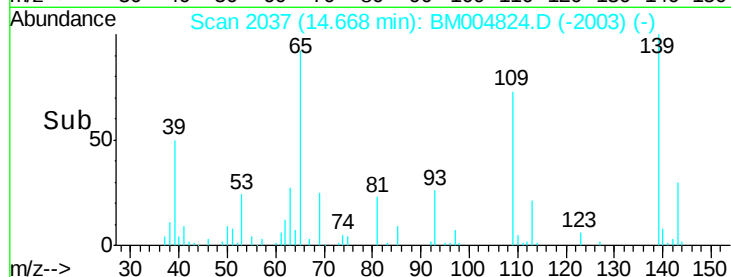
65 127.0 89.4 134.2



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#55

2,4-Dinitrotoluene

Concen: 27.59 ng/ul

RT: 14.83 min Scan# 2064

Delta R.T. 0.01 min

Lab File: BM004824.D

Acq: 29 Mar 2016 16:59

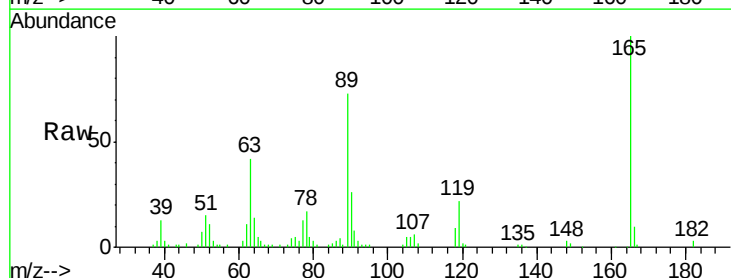
Tgt Ion:165 Resp: 111461

Ion Ratio Lower Upper

165 100

63 42.1 29.8 44.6

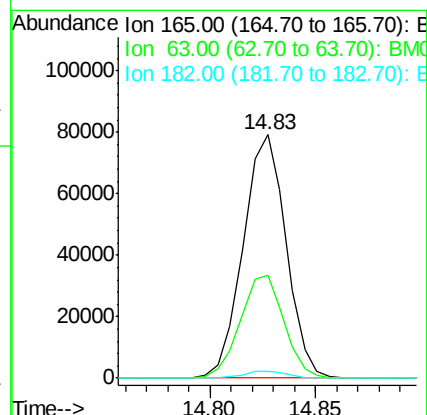
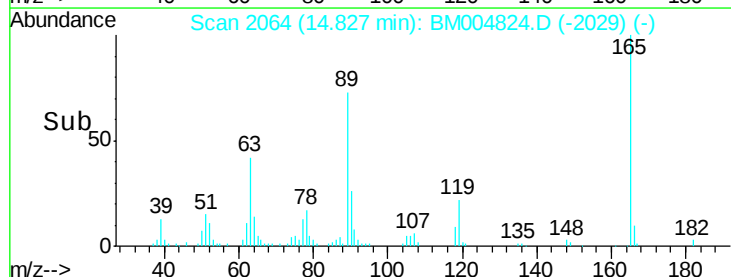
182 2.7 2.2 3.4

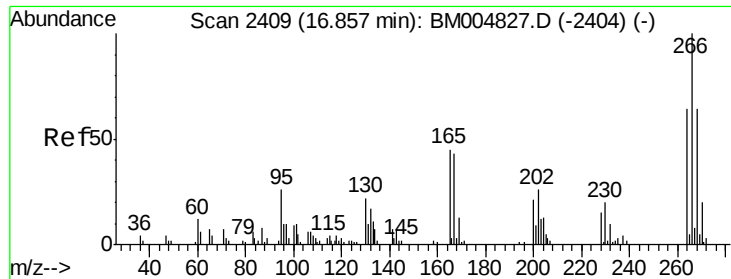


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 23.20 ng/ul

RT: 16.86 min Scan# 2409

Delta R.T. -0.00 min

Lab File: BM004824.D

Acq: 29 Mar 2016 16:59

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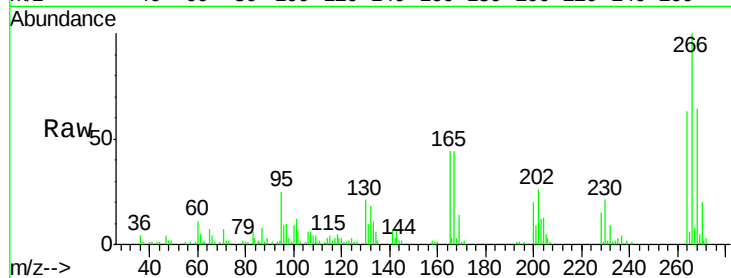
Tgt Ion:266 Resp: 75848

Ion Ratio Lower Upper

266 100

264 62.7 50.5 75.7

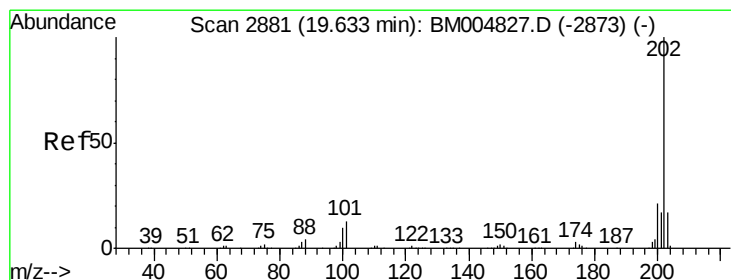
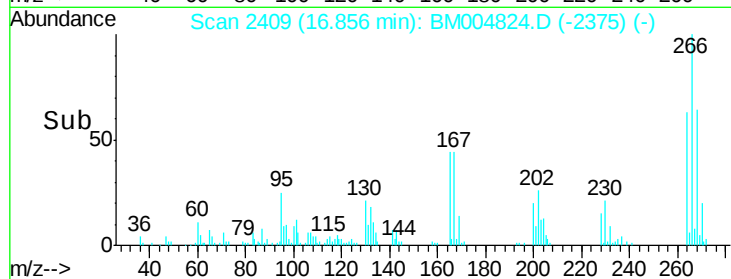
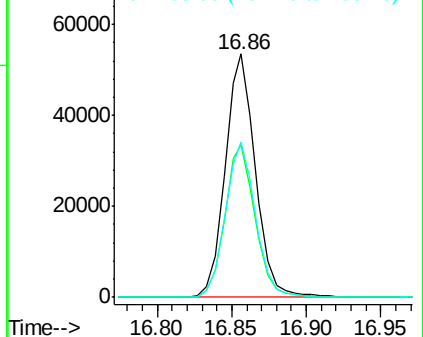
268 63.5 50.9 76.3



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



#80

Pyrene

Concen: 25.42 ng/ul

RT: 19.63 min Scan# 2881

Delta R.T. 0.01 min

Lab File: BM004824.D

Acq: 29 Mar 2016 16:59

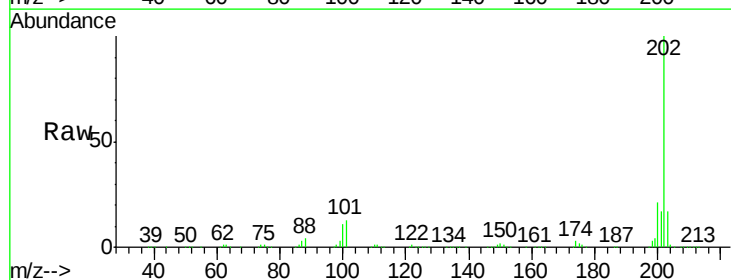
Tgt Ion:202 Resp: 811334

Ion Ratio Lower Upper

202 100

101 13.1 10.2 15.2

100 10.7 8.5 12.7



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

