

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022616\
 Data File : BM004434.D
 Acq On : 26 Feb 2016 19:28
 Operator : SJ/UM
 Sample : H1564-14MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9R26MSD

Quant Time: Feb 26 23:26:39 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 26 23:20:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	22602	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	99822	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	55273	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	115407	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	119417	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	117798	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	1594	3.72	ng/uL	0.00
5) Phenol-d5	6.80	99	32824	17.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	17884	18.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	31190	19.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	26478	15.63	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	14278	18.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	15922	18.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	27466	17.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	38821	19.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	92217	19.45	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	113638	20.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	9927	13.03	ng/ul	0.00
58) Fluorene-d10	15.27	176	80527	19.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	8627	12.17	ng/ul	0.00
71) Anthracene-d10	17.13	188	117767	20.83	ng/ul	0.00
79) Pyrene-d10	19.44	212	128000	22.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	131566	21.28	ng/ul	0.00

Target Compounds

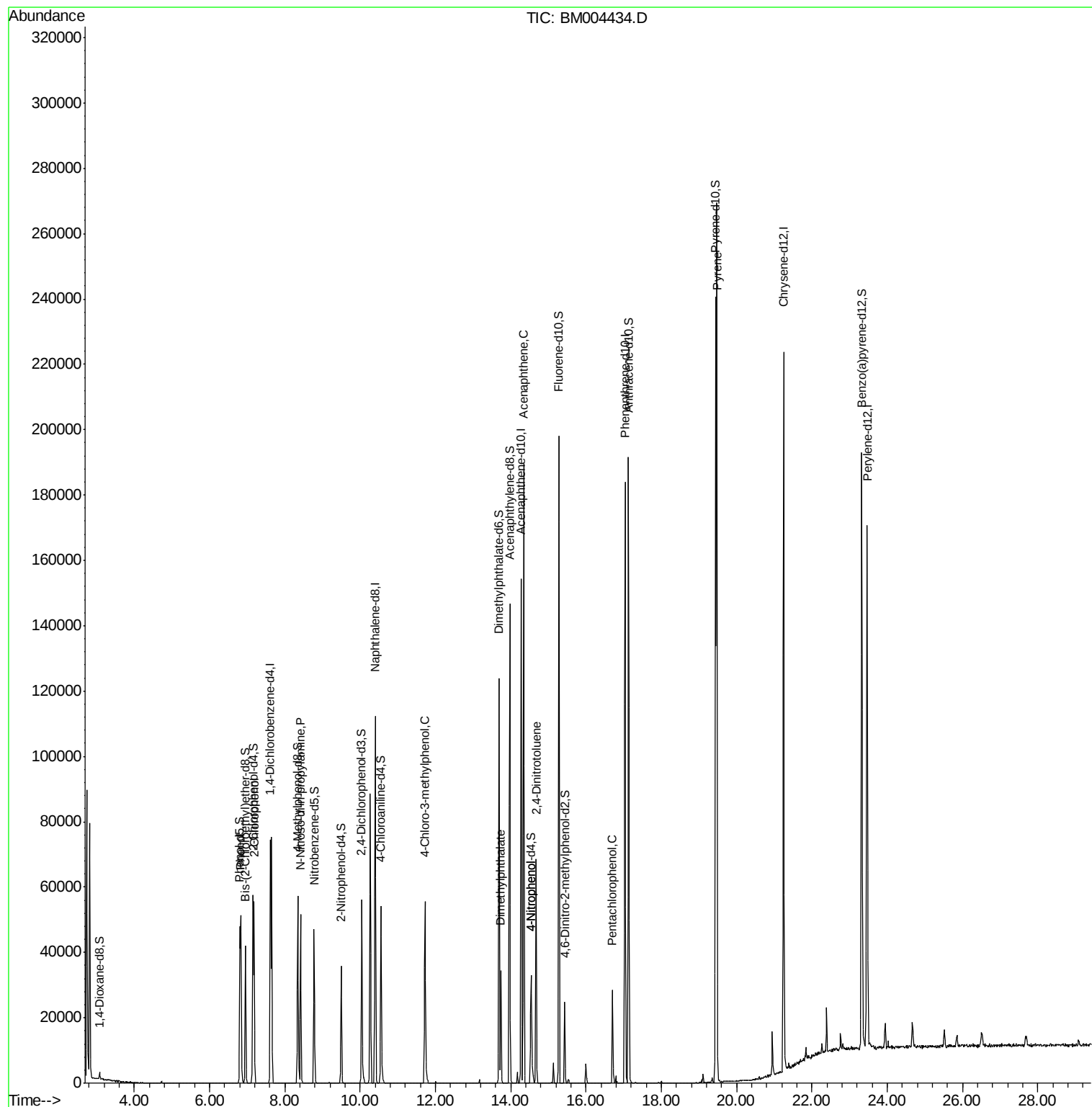
						Qvalue
6) Phenol	6.83	94	33862	16.75	ng/ul	98
10) 2-Chlorophenol	7.18	128	29620	17.43	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.42	70	20768	16.29	ng/ul	96
33) 4-Chloro-3-methylphenol	11.72	107	29141	15.10	ng/ul	99
45) Dimethylphthalate	13.74	163	26469	5.35	ng/ul	99
50) Acenaphthene	14.34	153	80176	19.45	ng/ul	98
53) 4-Nitrophenol	14.54	109	6960	12.22	ng/ul	88
55) 2,4-Dinitrotoluene	14.67	165	24646	16.64	ng/ul	95
69) Pentachlorophenol	16.70	266	8071	14.63	ng/ul	94
80) Pyrene	19.47	202	164636	21.09	ng/ul	99

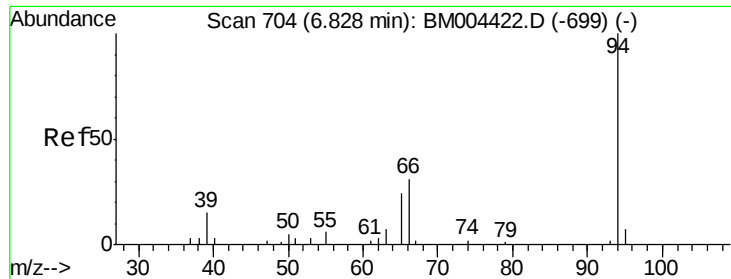
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 16.75 ng/ul

RT: 6.83 min Scan# 704

Delta R.T. 0.00 min

Lab File: BM004434.D

Acq: 26 Feb 2016 19:28

Instrument :

BNA_M

ClientSampleId :

D9R26MSD

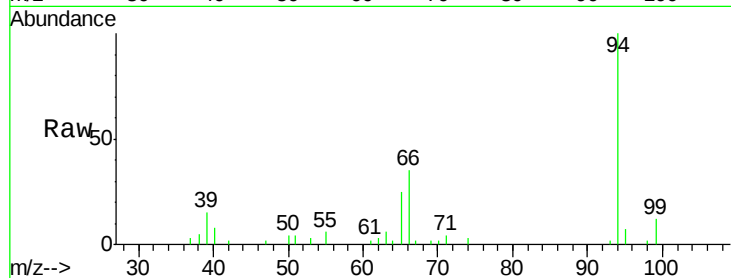
Tgt Ion: 94 Resp: 33862

Ion Ratio Lower Upper

94 100

65 25.1 21.0 31.6

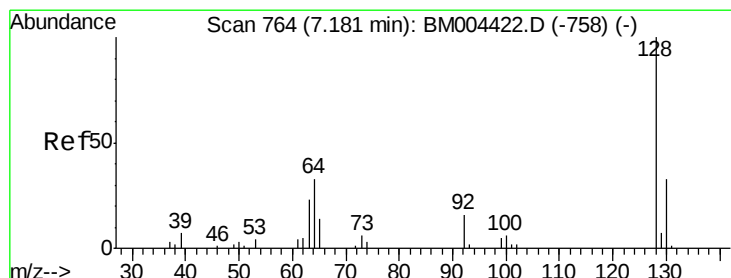
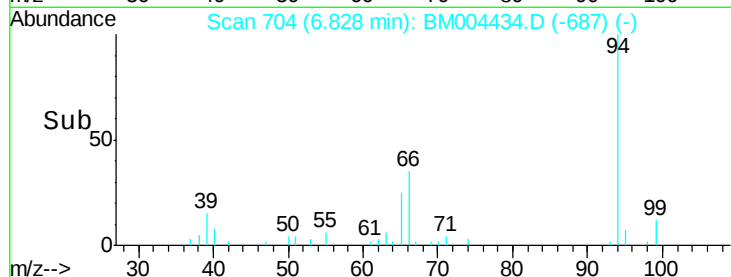
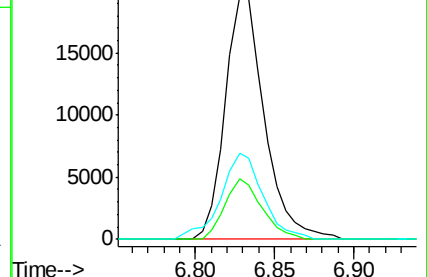
66 35.3 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004422.D (-699) (-)

Ion 65.00 (64.70 to 65.70): BM004422.D (-699) (-)

Ion 66.00 (65.70 to 66.70): BM004422.D (-699) (-)



#10

2-Chlorophenol

Concen: 17.43 ng/ul

RT: 7.18 min Scan# 764

Delta R.T. 0.00 min

Lab File: BM004434.D

Acq: 26 Feb 2016 19:28

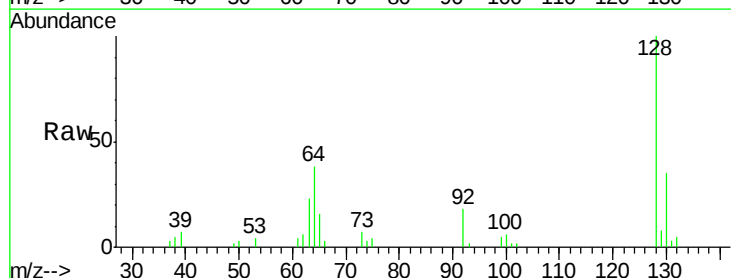
Tgt Ion: 128 Resp: 29620

Ion Ratio Lower Upper

128 100

64 38.4 31.9 47.9

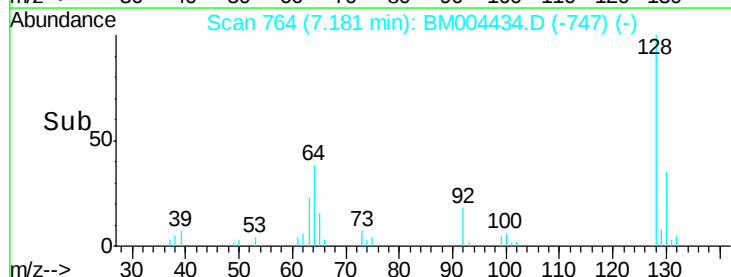
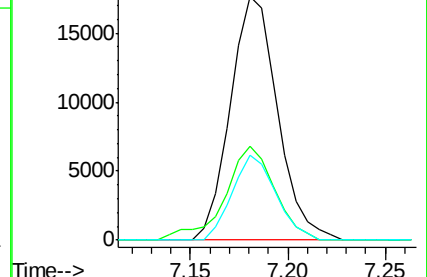
130 34.7 25.6 38.4

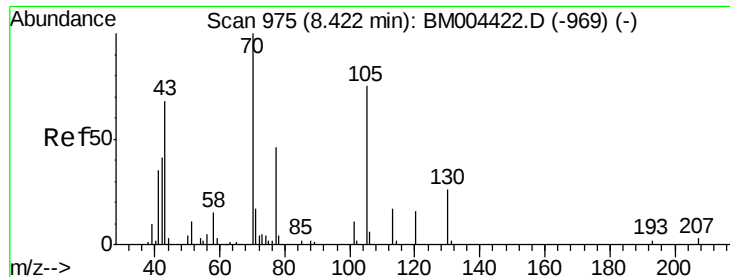


Abundance Ion 128.00 (127.70 to 128.70): BM004422.D (-758) (-)

Ion 64.00 (63.70 to 64.70): BM004422.D (-758) (-)

Ion 130.00 (129.70 to 130.70): BM004422.D (-758) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 16.29 ng/ul

RT: 8.42 min Scan# 974

Delta R.T. -0.01 min

Lab File: BM004434.D

Acq: 26 Feb 2016 19:28

Instrument :

BNA_M

ClientSampleId :

D9R26MSD

Tgt Ion: 70 Resp: 20768

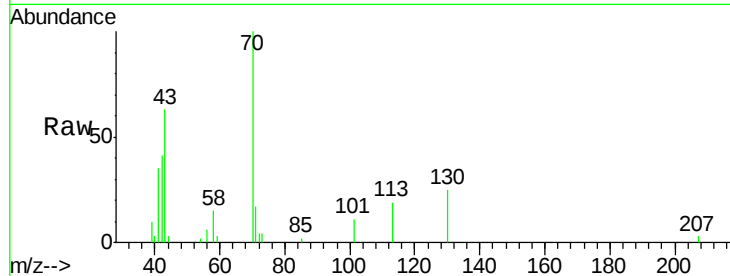
Ion Ratio Lower Upper

70 100

42 41.3 35.4 53.0

101 11.4 8.4 12.6

130 24.7 18.2 27.4

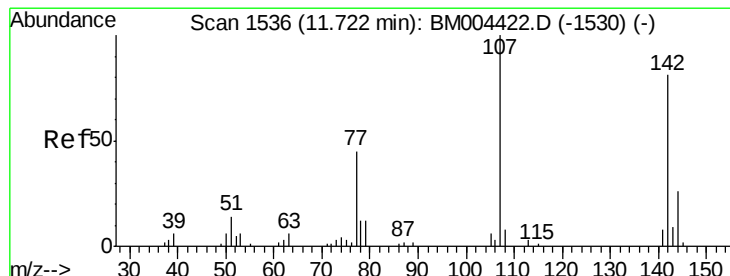
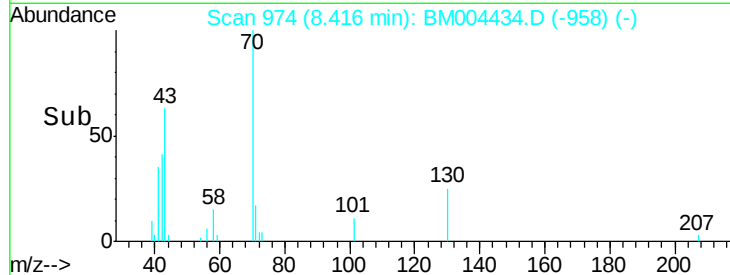
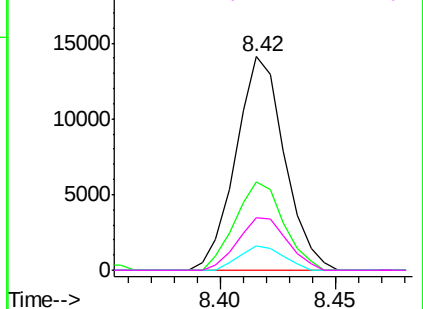


Abundance Ion 70.00 (69.70 to 70.70): BM0

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



#33

4-Chloro-3-methylphenol

Concen: 15.10 ng/ul

RT: 11.72 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BM004434.D

Acq: 26 Feb 2016 19:28

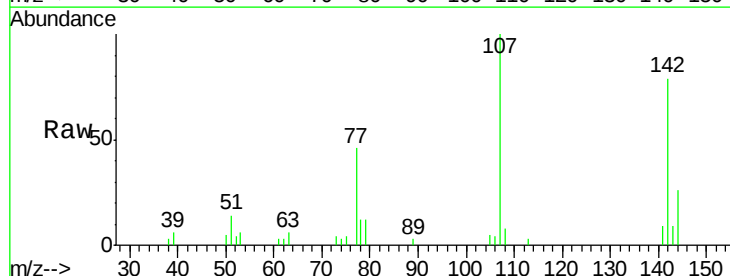
Tgt Ion:107 Resp: 29141

Ion Ratio Lower Upper

107 100

144 25.6 20.4 30.6

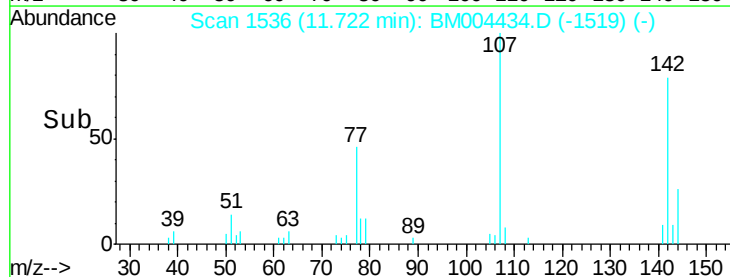
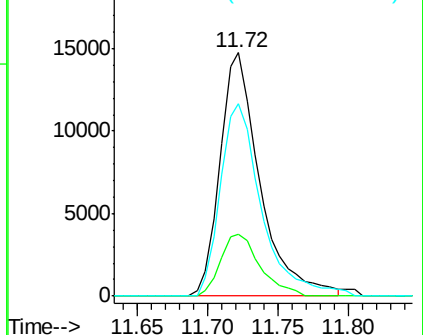
142 79.2 62.5 93.7

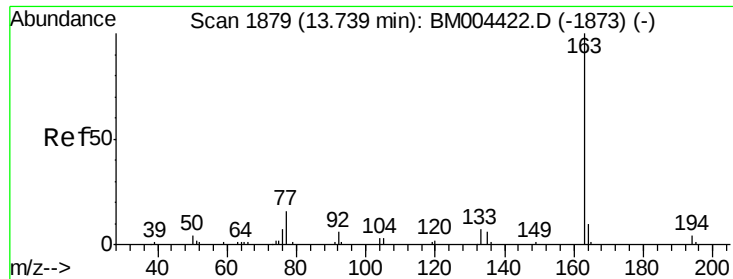


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

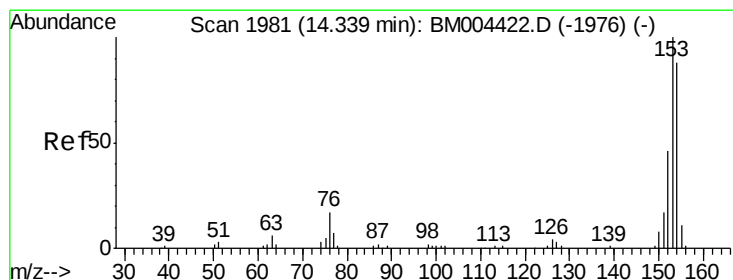
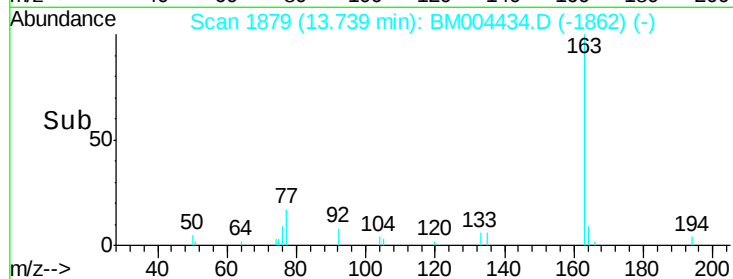
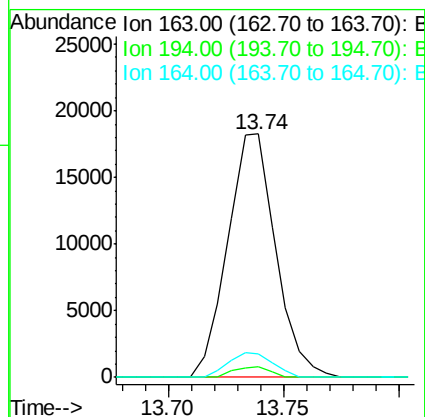
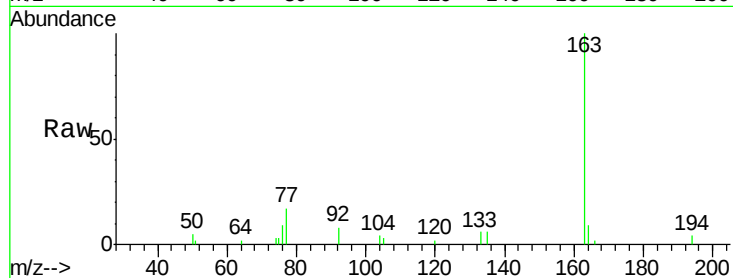




#45
Dimethylphthalate
Concen: 5.35 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BM004434.D
Acq: 26 Feb 2016 19:28

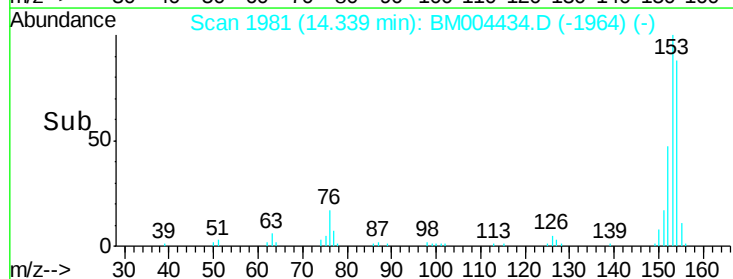
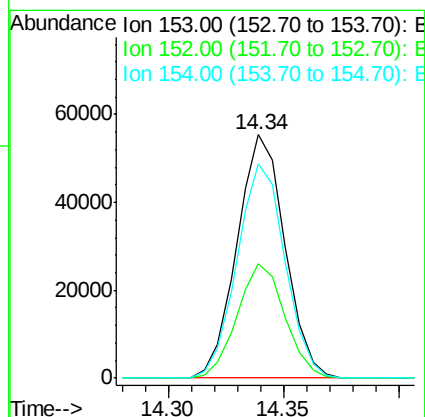
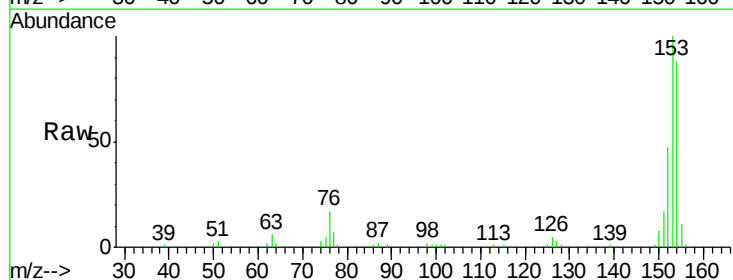
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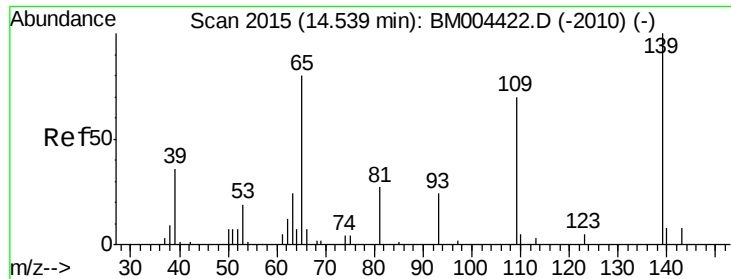
Tgt Ion:163 Resp: 26469
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 9.5 7.8 11.8



#50
Acenaphthene
Concen: 19.45 ng/ul
RT: 14.34 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM004434.D
Acq: 26 Feb 2016 19:28

Tgt Ion:153 Resp: 80176
Ion Ratio Lower Upper
153 100
152 47.0 38.3 57.5
154 88.1 71.8 107.8

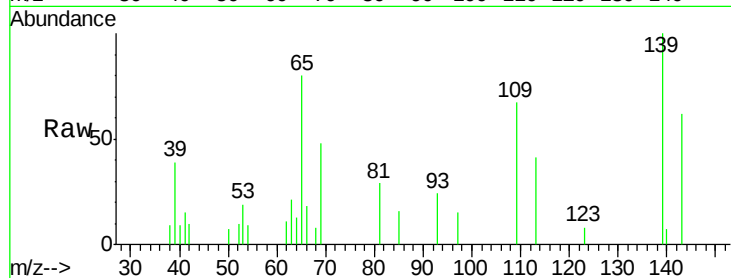




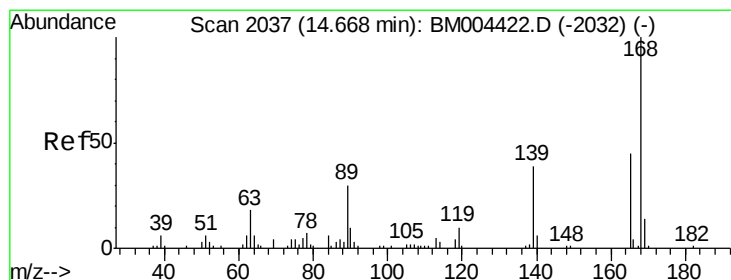
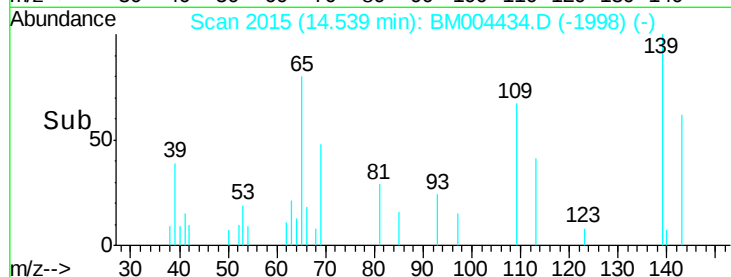
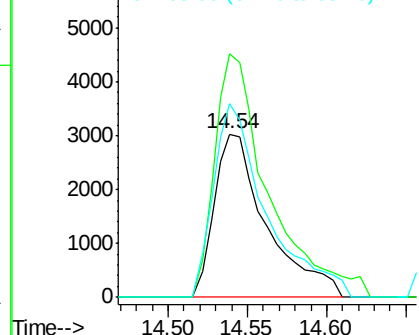
#53
4-Nitrophenol
Concen: 12.22 ng/ul
RT: 14.54 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BM004434.D
Acq: 26 Feb 2016 19:28

Instrument :
BNA_M
ClientSampleId :
D9R26MSD

Tgt Ion:109 Resp: 6960
Ion Ratio Lower Upper
109 100
139 149.0 103.7 155.5
65 118.7 89.4 134.2

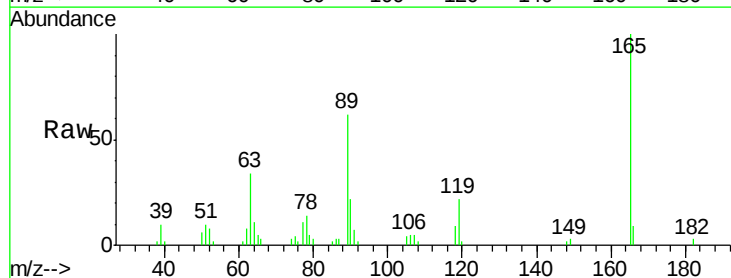


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

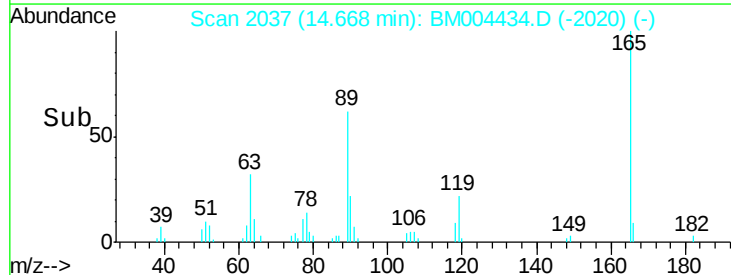
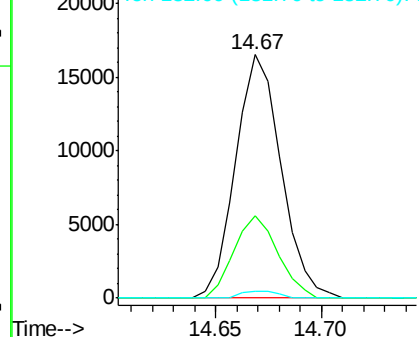


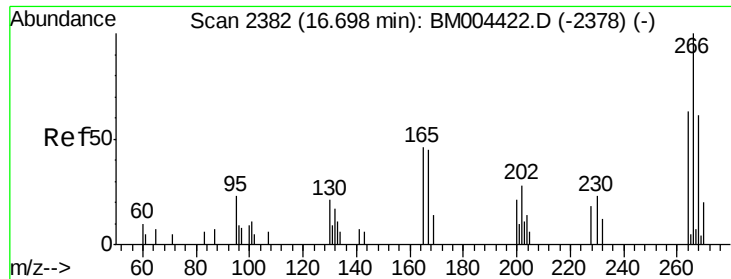
#55
2,4-Dinitrotoluene
Concen: 16.64 ng/ul
RT: 14.67 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BM004434.D
Acq: 26 Feb 2016 19:28

Tgt Ion:165 Resp: 24646
Ion Ratio Lower Upper
165 100
63 33.9 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





#69

Pentachlorophenol

Concen: 14.63 ng/ul

RT: 16.70 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BM004434.D

Acq: 26 Feb 2016 19:28

Instrument :

BNA_M

ClientSampleId :

D9R26MSD

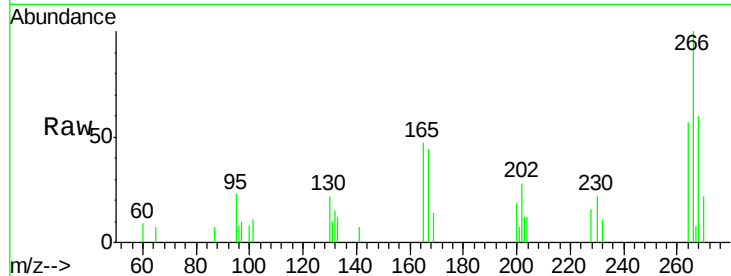
Tgt Ion:266 Resp: 8071

Ion Ratio Lower Upper

266 100

264 57.4 50.5 75.7

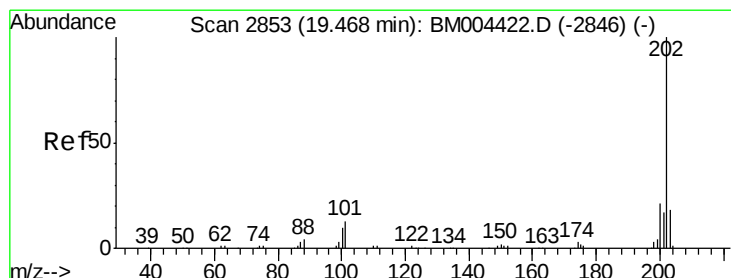
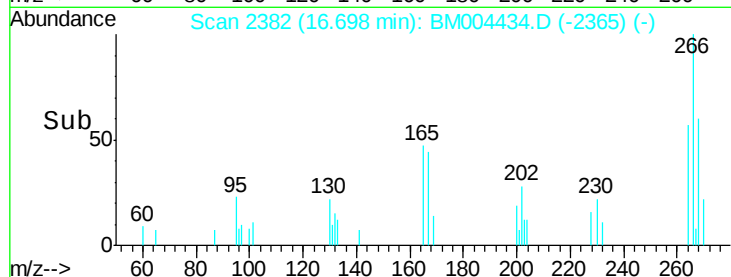
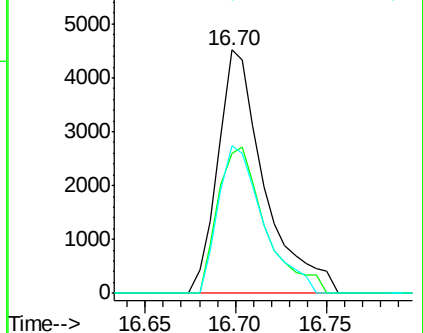
268 60.4 50.9 76.3



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: 21.09 ng/ul

RT: 19.47 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BM004434.D

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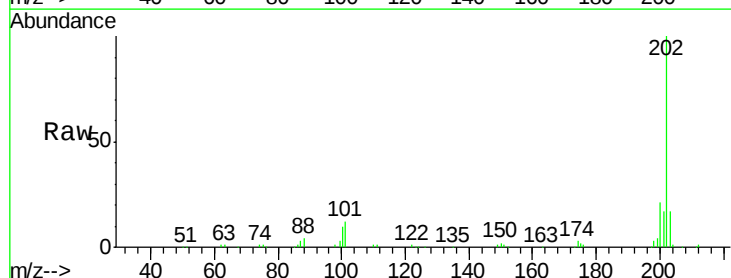
Tgt Ion:202 Resp: 164636

Ion Ratio Lower Upper

202 100

101 12.3 10.2 15.2

100 10.2 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

