

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032916\
 Data File : BM004822.D
 Acq On : 29 Mar 2016 15:47
 Operator : UM/SJ
 Sample : H1939-08MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9SG2MSD

Quant Time: Mar 30 02:32:51 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	52609	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	256305	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	156830	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.21	188	374788	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	468190	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	443418	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	1229	0.81	ng/uL	0.00
5) Phenol-d5	6.99	99	27184	6.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	88819	36.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	91612	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	57019	16.36	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	60051	33.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	62440	32.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	107306	28.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	1347	0.30	ng/ul	0.02
44) Dimethylphthalate-d6	13.87	166	423687	34.56	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	511085	34.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	9223	3.89	ng/ul	0.00
58) Fluorene-d10	15.46	176	374215	35.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	60407	30.67	ng/ul	0.00
71) Anthracene-d10	17.30	188	602099	34.89	ng/ul	0.00
79) Pyrene-d10	19.60	212	713175	33.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	782207	39.49	ng/ul	0.00

Target Compounds

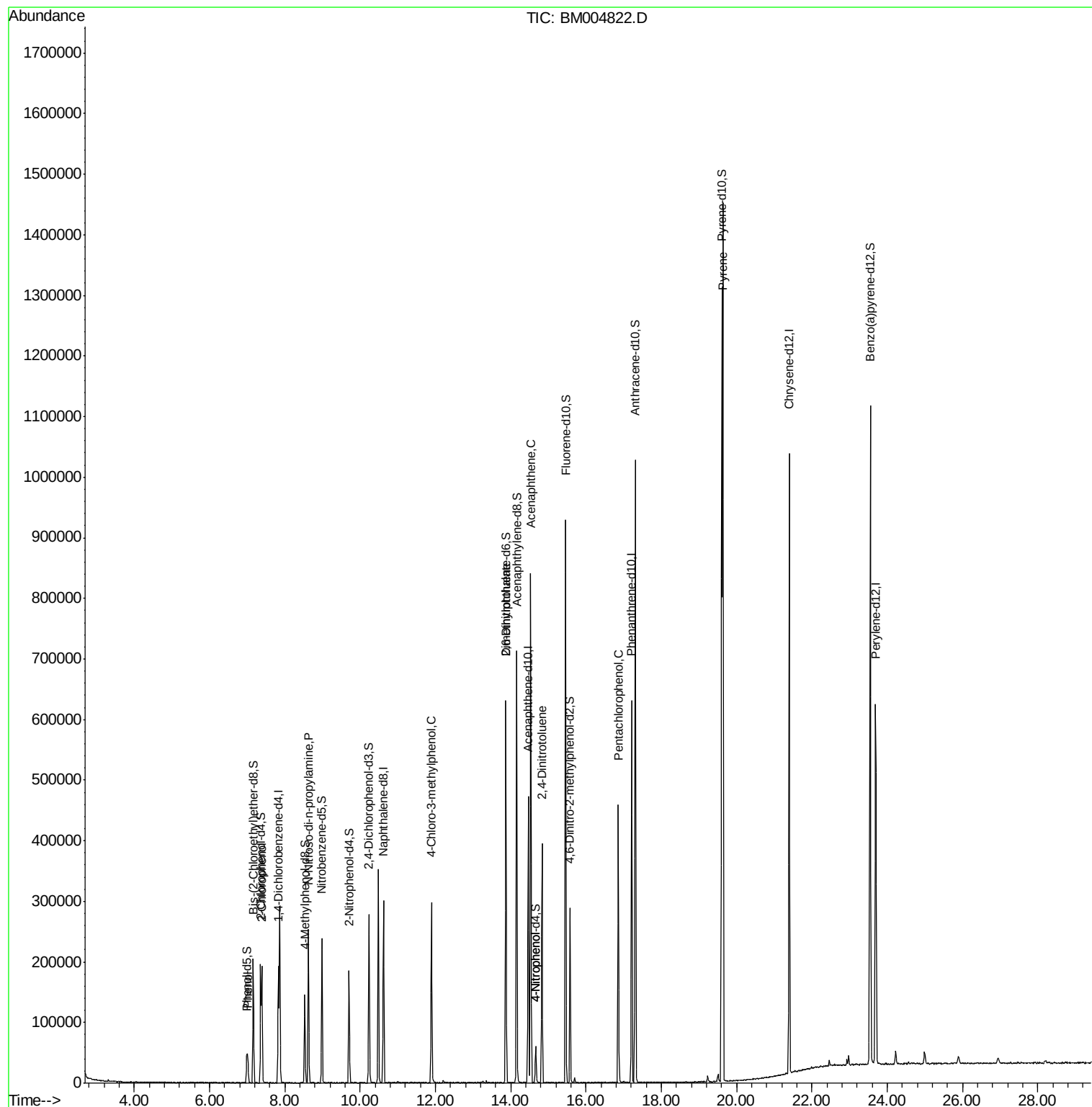
						Qvalue
6) Phenol	7.02	94	29178	6.41	ng/ul	97
10) 2-Chlorophenol	7.39	128	90599	24.66	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.63	70	98644	35.70	ng/ul	95
33) 4-Chloro-3-methylphenol	11.89	107	110675	25.14	ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	2762	1.25	ng/ul#	44
50) Acenaphthene	14.53	153	341498	31.41	ng/ul	98
53) 4-Nitrophenol	14.66	109	8271	4.30	ng/ul	89
55) 2,4-Dinitrotoluene	14.83	165	111225	33.28	ng/ul	94
69) Pentachlorophenol	16.86	266	77016	28.03	ng/ul	100
80) Pyrene	19.63	202	878022	30.94	ng/ul	99

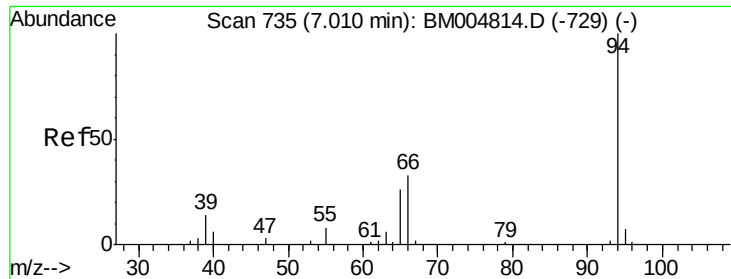
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 6.41 ng/ul

RT: 7.02 min Scan# 736

Delta R.T. 0.01 min

Lab File: BM004822.D

Acq: 29 Mar 2016 15:47

Instrument :

BNA_M

ClientSampleId :

D9SG2MSD

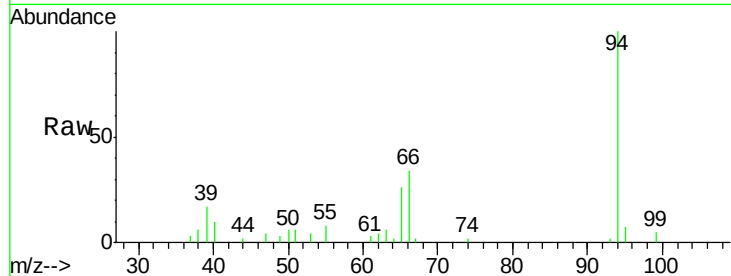
Tgt Ion: 94 Resp: 29178

Ion Ratio Lower Upper

94 100

65 26.1 21.0 31.6

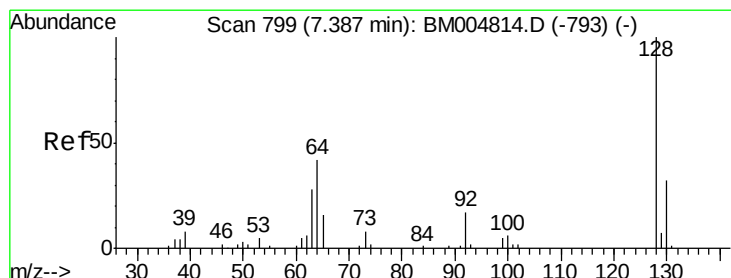
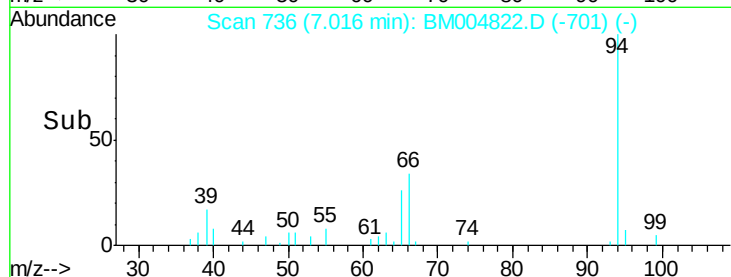
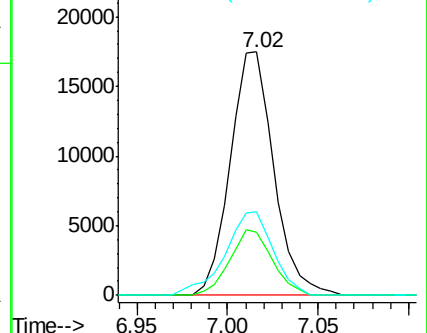
66 34.1 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004822.D (-736) (-)

Ion 65.00 (64.70 to 65.70): BM004822.D (-736) (-)

Ion 66.00 (65.70 to 66.70): BM004822.D (-736) (-)



#10

2-Chlorophenol

Concen: 24.66 ng/ul

RT: 7.39 min Scan# 800

Delta R.T. 0.01 min

Lab File: BM004822.D

Acq: 29 Mar 2016 15:47

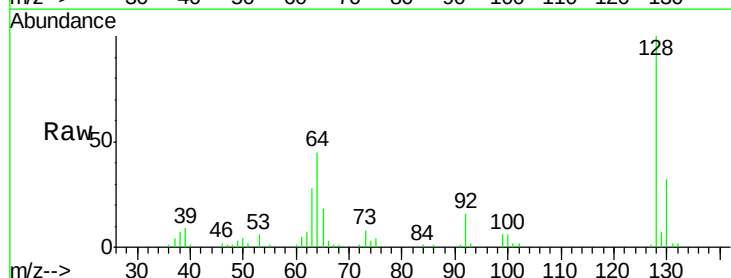
Tgt Ion: 128 Resp: 90599

Ion Ratio Lower Upper

128 100

64 45.0 31.9 47.9

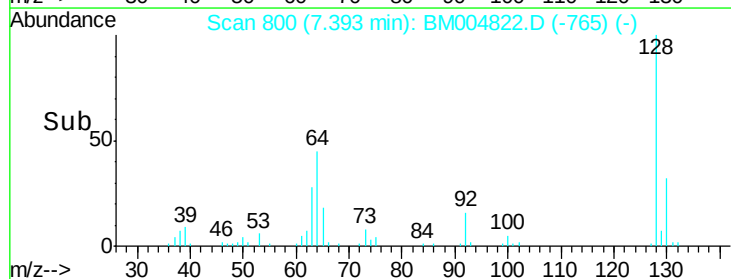
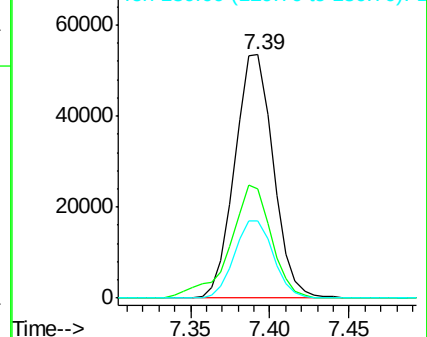
130 32.0 25.6 38.4

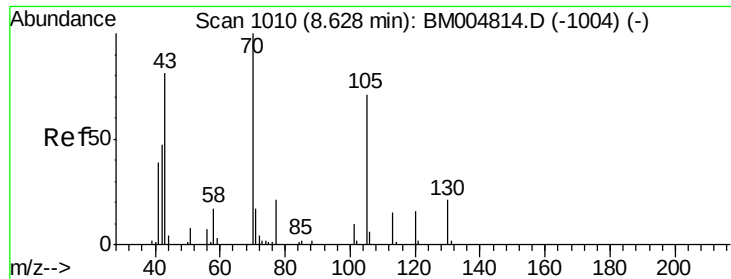


Abundance Ion 128.00 (127.70 to 128.70): BM004822.D (-799) (-)

Ion 64.00 (63.70 to 64.70): BM004822.D (-799) (-)

Ion 130.00 (129.70 to 130.70): BM004822.D (-799) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 35.70 ng/ul

RT: 8.63 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BM004822.D

Acq: 29 Mar 2016 15:47

Instrument :

BNA_M

ClientSampleId :

D9SG2MSD

Tgt Ion: 70 Resp: 98644

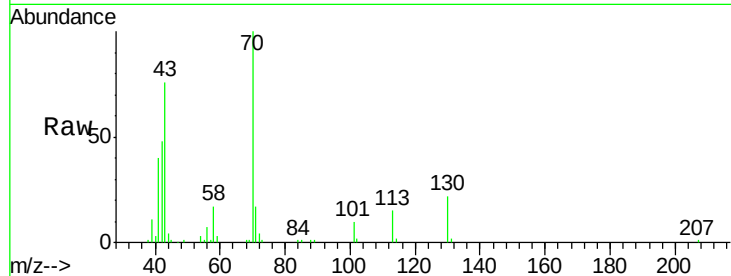
Ion Ratio Lower Upper

70 100

42 48.2 35.4 53.0

101 9.6 8.4 12.6

130 21.6 18.2 27.4

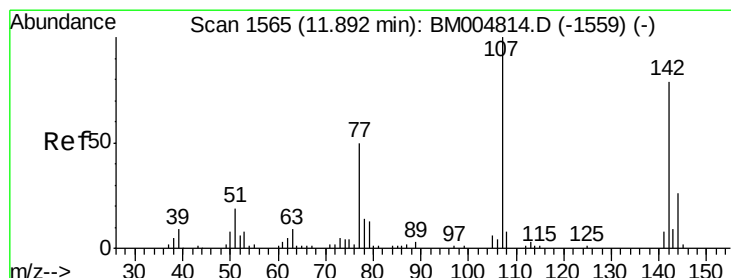
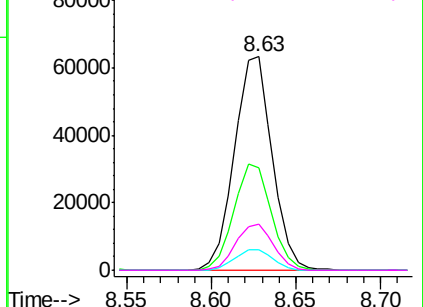
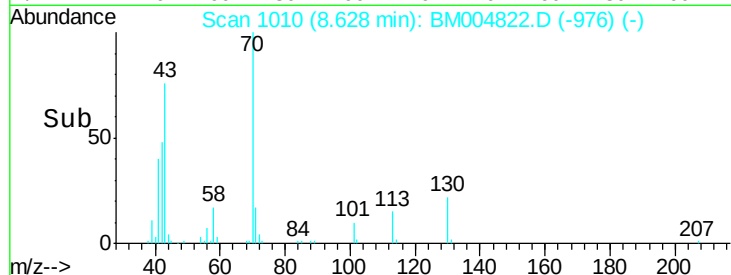


Abundance Ion 70.00 (69.70 to 70.70): BM004822.D (-976) (-)

Ion 42.00 (41.70 to 42.70): BM004822.D (-976) (-)

Ion 101.00 (100.70 to 101.70): BM004822.D (-976) (-)

Ion 130.00 (129.70 to 130.70): BM004822.D (-976) (-)



#33

4-Chloro-3-methylphenol

Concen: 25.14 ng/ul

RT: 11.89 min Scan# 1565

Delta R.T. -0.00 min

Lab File: BM004822.D

Acq: 29 Mar 2016 15:47

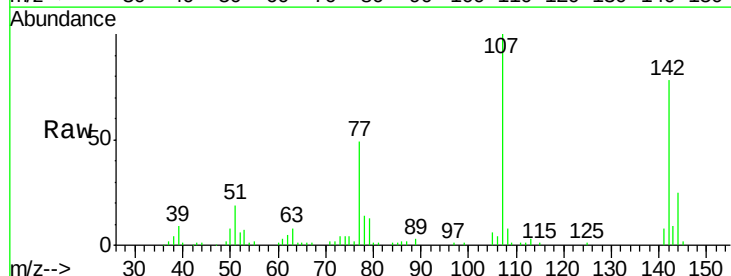
Tgt Ion: 107 Resp: 110675

Ion Ratio Lower Upper

107 100

144 25.4 20.4 30.6

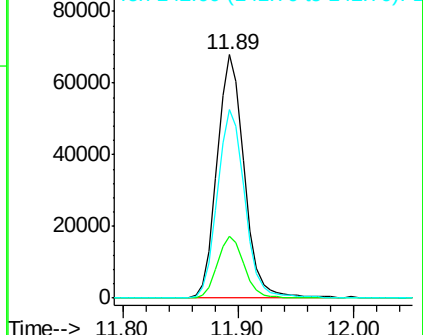
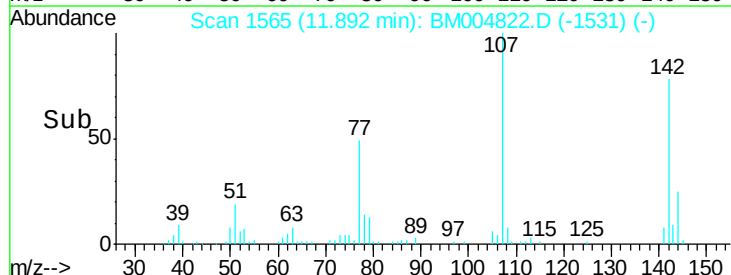
142 77.5 62.5 93.7

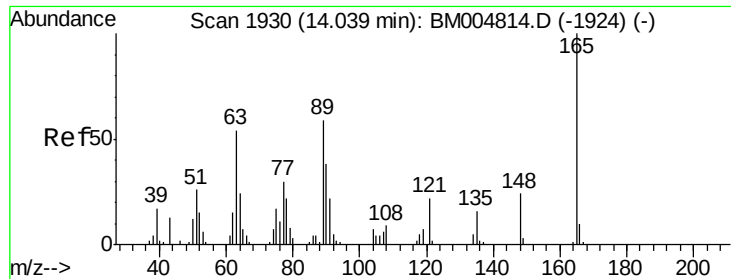


Abundance Ion 107.00 (106.70 to 107.70): BM004822.D (-1531) (-)

Ion 144.00 (143.70 to 144.70): BM004822.D (-1531) (-)

Ion 142.00 (141.70 to 142.70): BM004822.D (-1531) (-)

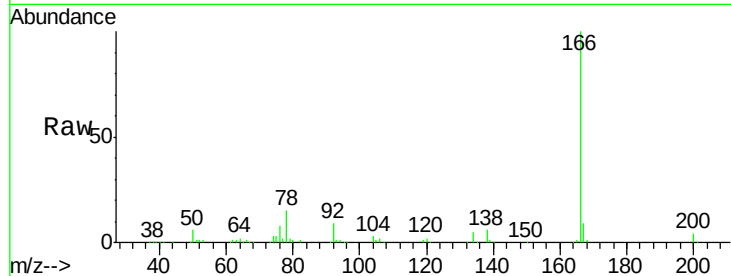




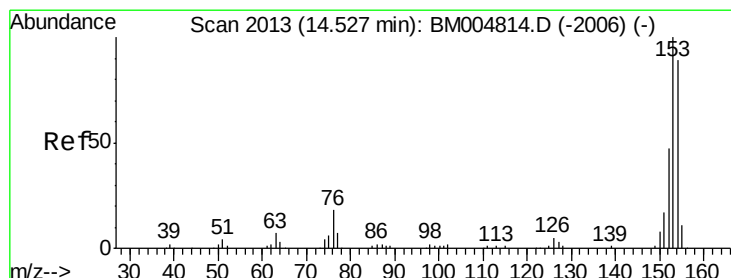
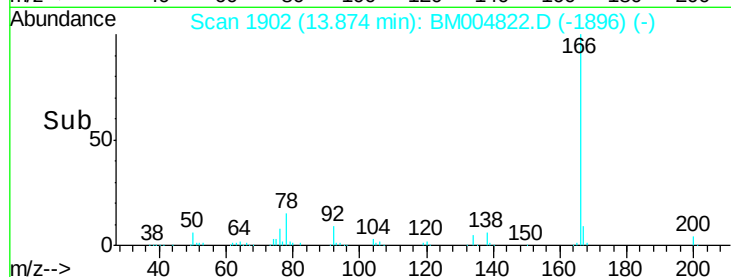
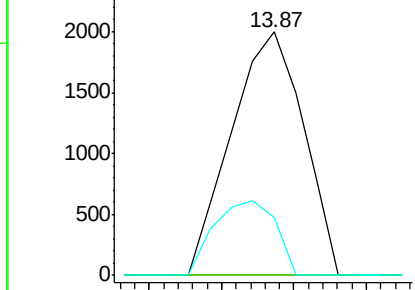
#46
 2,6-Dinitrotoluene
 Concen: 1.25 ng/ul
 RT: 13.87 min Scan# 1902
 Delta R.T. -0.16 min
 Lab File: BM004822.D
 Acq: 29 Mar 2016 15:47

Instrument :
 BNA_M
 ClientSampleId :
 D9SG2MSD

Tgt Ion:165 Resp: 2762
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.4 63.6#
 121 23.7 16.6 24.8

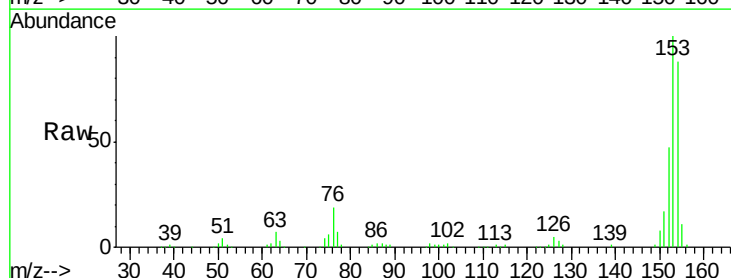


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BM
 Ion 121.00 (120.70 to 121.70): E

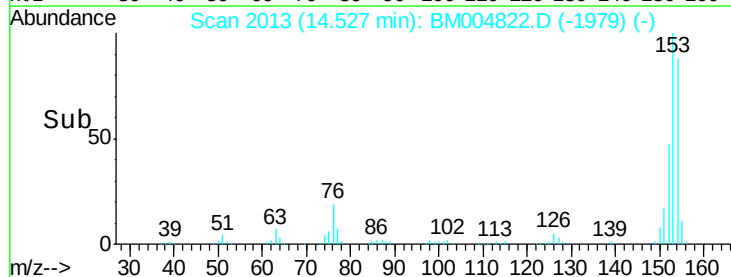
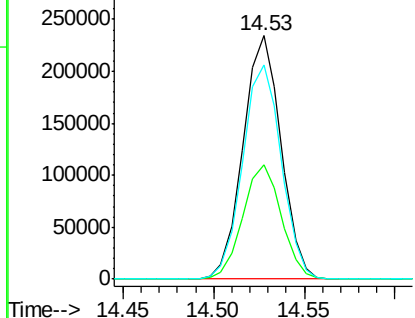


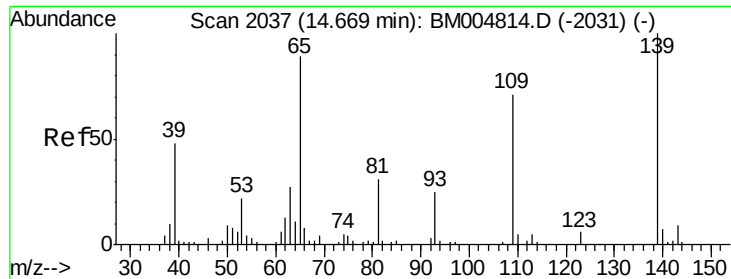
#50
 Acenaphthene
 Concen: 31.41 ng/ul
 RT: 14.53 min Scan# 2013
 Delta R.T. -0.00 min
 Lab File: BM004822.D
 Acq: 29 Mar 2016 15:47

Tgt Ion:153 Resp: 341498
 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: 4.30 ng/ul

RT: 14.66 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BM004822.D

Acq: 29 Mar 2016 15:47

Instrument :

BNA_M

ClientSampleId :

D9SG2MSD

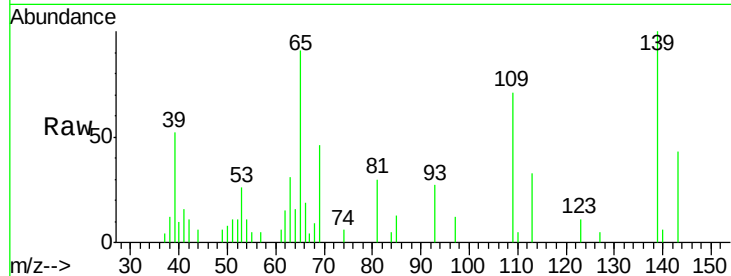
Tgt Ion:109 Resp: 8271

Ion Ratio Lower Upper

109 100

139 139.9 103.7 155.5

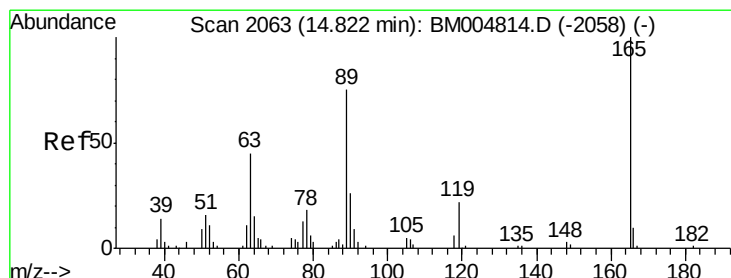
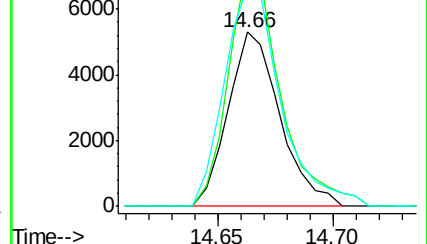
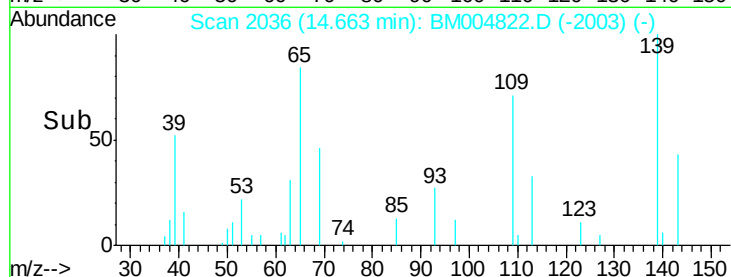
65 126.9 89.4 134.2



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: 33.28 ng/ul

RT: 14.83 min Scan# 2064

Delta R.T. 0.01 min

Lab File: BM004822.D

Acq: 29 Mar 2016 15:47

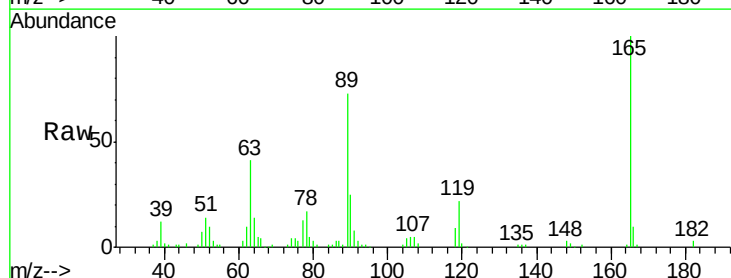
Tgt Ion:165 Resp: 111225

Ion Ratio Lower Upper

165 100

63 41.3 29.8 44.6

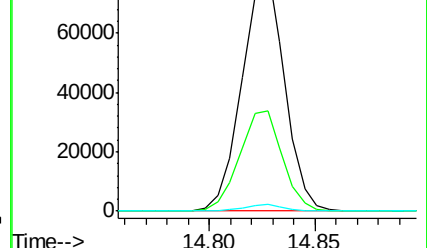
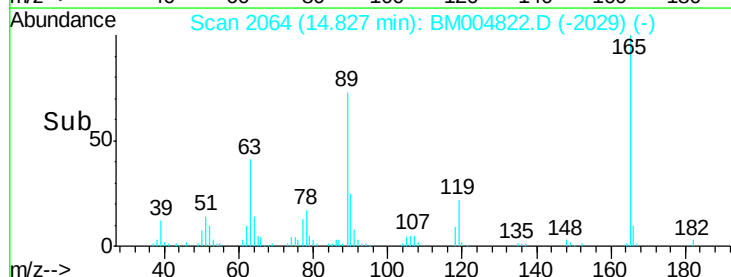
182 2.8 2.2 3.4

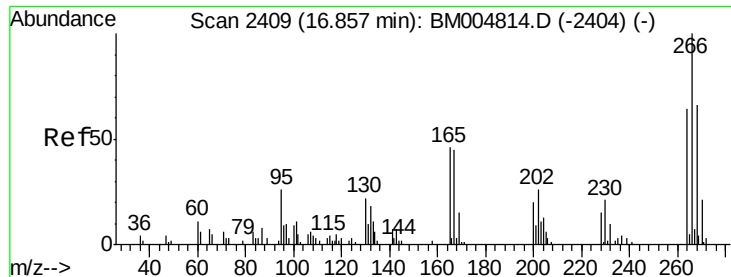


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

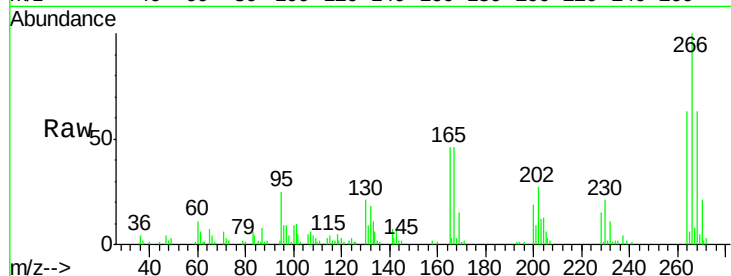




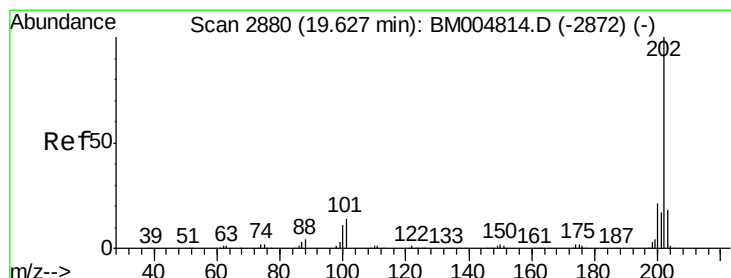
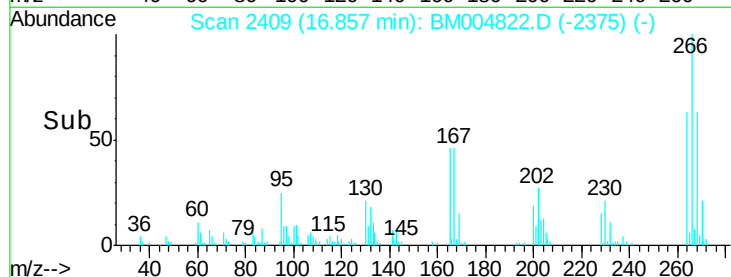
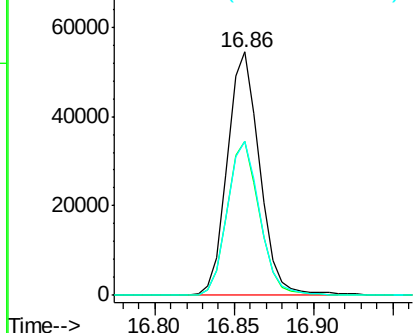
#69
 Pentachlorophenol
 Concen: 28.03 ng/ul
 RT: 16.86 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BM004822.D
 Acq: 29 Mar 2016 15:47

Instrument :
 BNA_M
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 D9SG2MSD

Tgt Ion:266 Resp: 77016
 Ion Ratio Lower Upper
 266 100
 264 63.1 50.5 75.7
 268 63.2 50.9 76.3

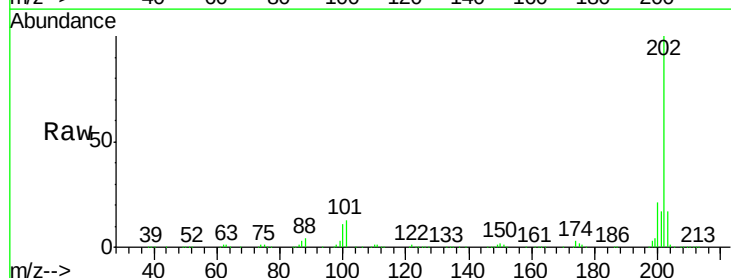


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 30.94 ng/ul
 RT: 19.63 min Scan# 2881
 Delta R.T. 0.01 min
 Lab File: BM004822.D
 Acq: 29 Mar 2016 15:47

Tgt Ion:202 Resp: 878022
 Ion Ratio Lower Upper
 202 100
 101 13.0 10.2 15.2
 100 10.5 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

