

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004532.D
 Acq On : 03 Mar 2016 14:48
 Operator : SJ/UM
 Sample : H1564-14MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9R26MSD

Quant Time: Mar 04 04:02:24 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 03 13:26:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	27413	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	132563	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	84376	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.01	188	193918	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	180123	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	137624	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	1724	3.38	ng/uL	0.00
5) Phenol-d5	6.79	99	41472	18.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	22330	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	38015	19.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	31880	16.38	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	19400	19.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	21930	19.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	38498	18.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	54640	21.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	146240	20.84	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	174180	20.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	20403	19.71	ng/ul	0.00
58) Fluorene-d10	15.26	176	128820	21.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	20641	16.39	ng/ul	0.00
71) Anthracene-d10	17.11	188	196033	20.66	ng/ul	0.00
79) Pyrene-d10	19.42	212	218141	22.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	155586	21.25	ng/ul	0.00

Target Compounds

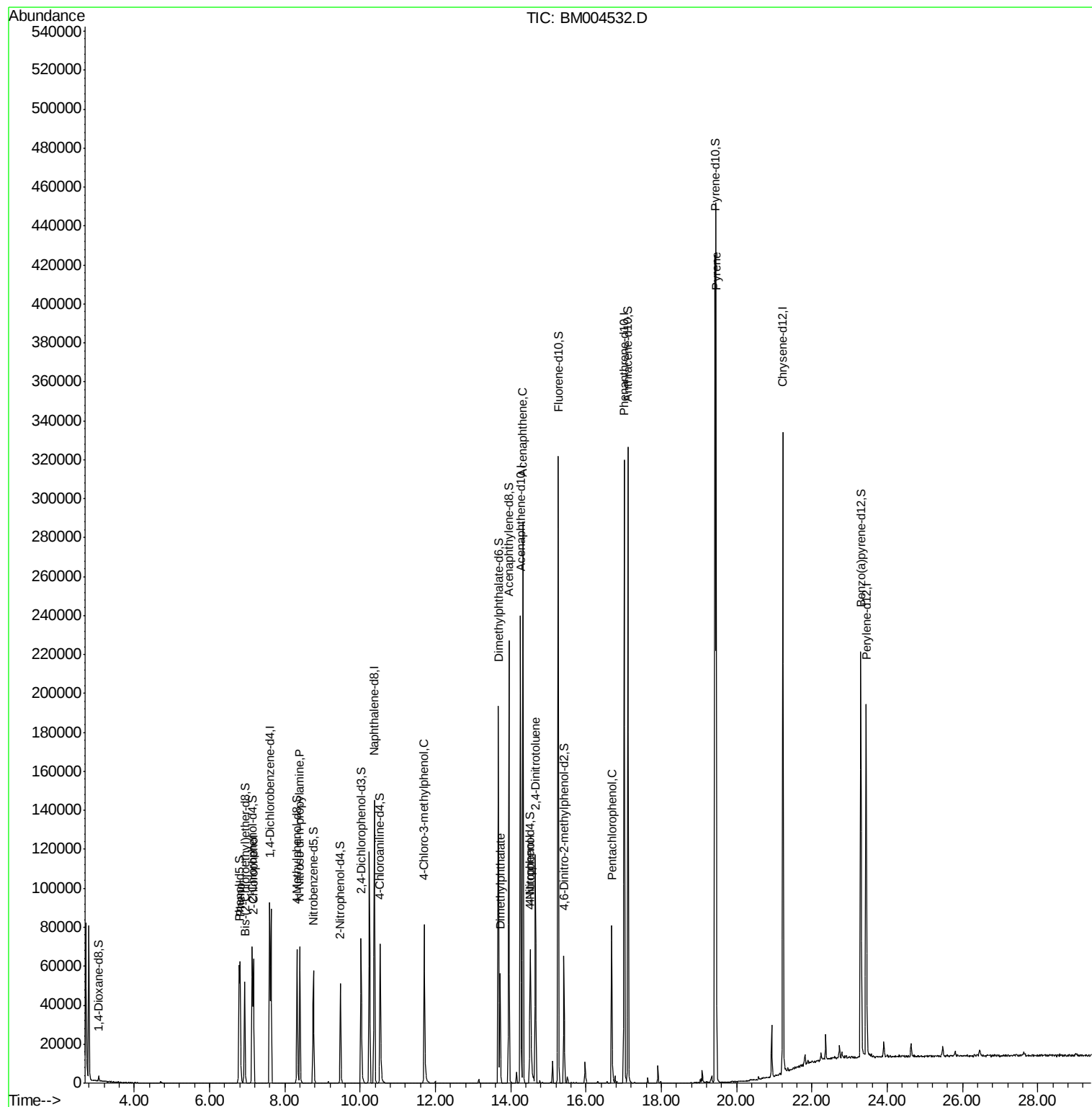
						Qvalue
6) Phenol	6.81	94	41855	17.91	ng/ul	98
10) 2-Chlorophenol	7.16	128	37045	18.01	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.40	70	28640	19.95	ng/ul	94
33) 4-Chloro-3-methylphenol	11.70	107	43866	18.48	ng/ul	97
45) Dimethylphthalate	13.72	163	42483	5.76	ng/ul	100
50) Acenaphthene	14.32	153	122696	19.69	ng/ul	99
53) 4-Nitrophenol	14.52	109	13714	19.28	ng/ul	90
55) 2,4-Dinitrotoluene	14.65	165	43970	20.34	ng/ul	91
69) Pentachlorophenol	16.68	266	18962	18.46	ng/ul	98
80) Pyrene	19.45	202	277799	21.25	ng/ul	99

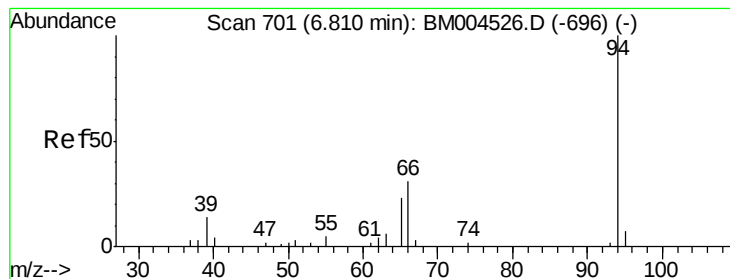
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 17.91 ng/ul

RT: 6.81 min Scan# 701

Delta R.T. 0.00 min

Lab File: BM004532.D

Acq: 03 Mar 2016 14:48

Instrument :

BNA_M

ClientSampleId :

D9R26MSD

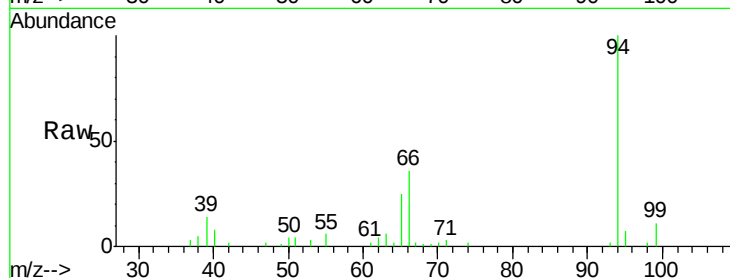
Tgt Ion: 94 Resp: 41855

Ion Ratio Lower Upper

94 100

65 24.8 21.0 31.6

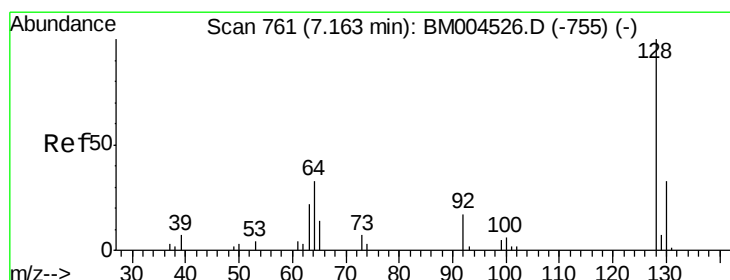
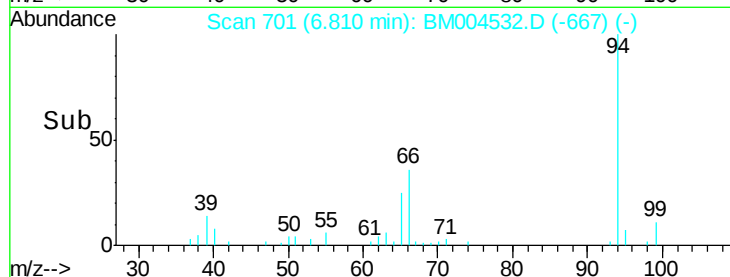
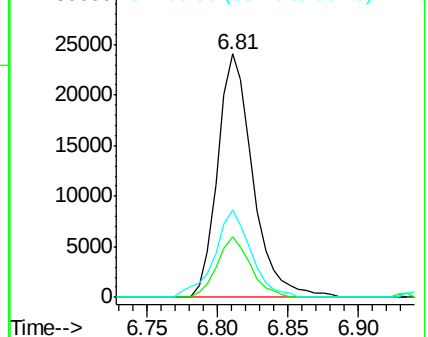
66 35.8 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004532.D (-667) (-)

Ion 65.00 (64.70 to 65.70): BM004532.D (-667) (-)

Ion 66.00 (65.70 to 66.70): BM004532.D (-667) (-)



#10

2-Chlorophenol

Concen: 18.01 ng/ul

RT: 7.16 min Scan# 761

Delta R.T. 0.00 min

Lab File: BM004532.D

Acq: 03 Mar 2016 14:48

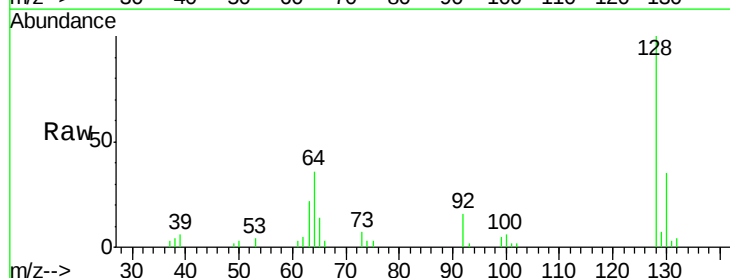
Tgt Ion: 128 Resp: 37045

Ion Ratio Lower Upper

128 100

64 35.9 31.9 47.9

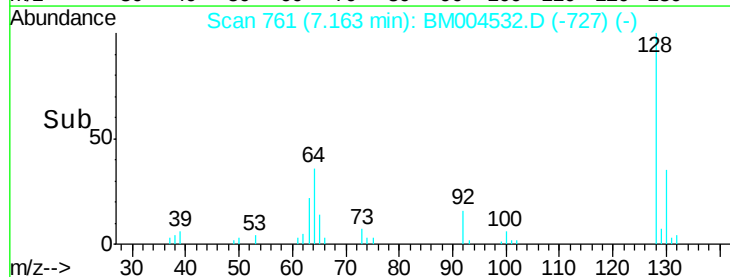
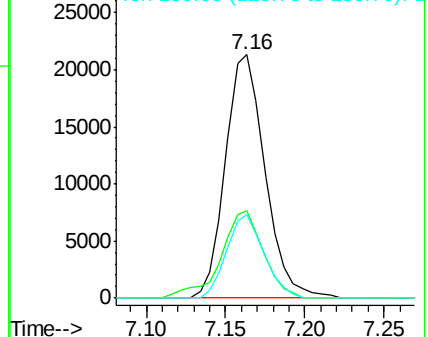
130 34.5 25.6 38.4

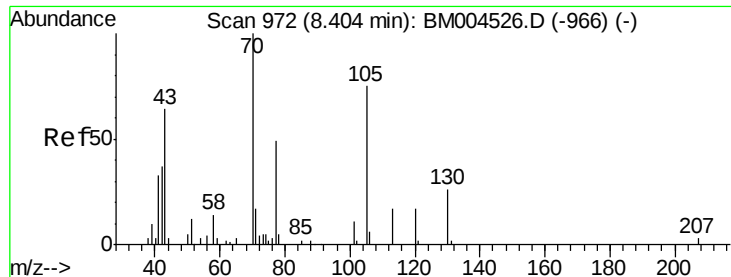


Abundance Ion 128.00 (127.70 to 128.70): BM004532.D (-727) (-)

Ion 64.00 (63.70 to 64.70): BM004532.D (-727) (-)

Ion 130.00 (129.70 to 130.70): BM004532.D (-727) (-)

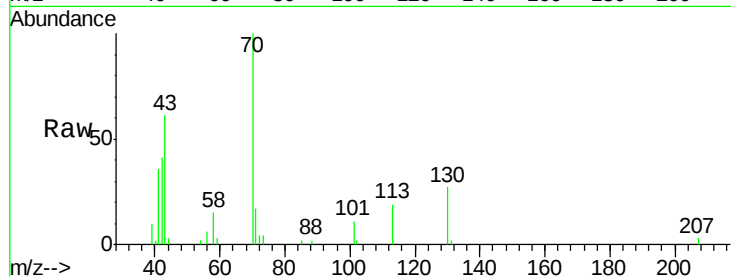




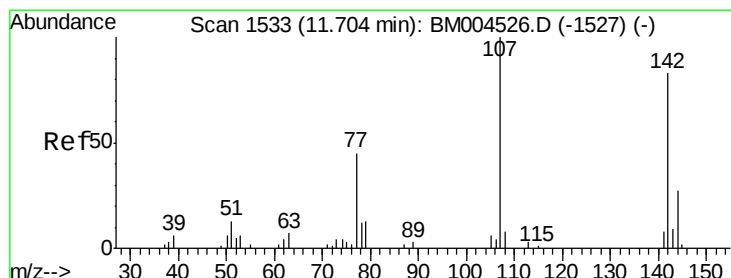
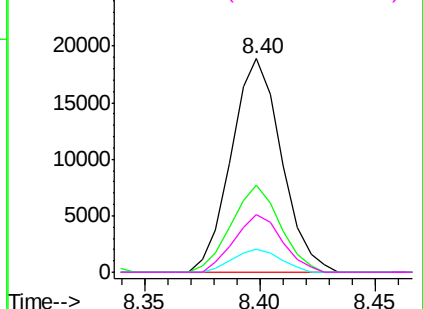
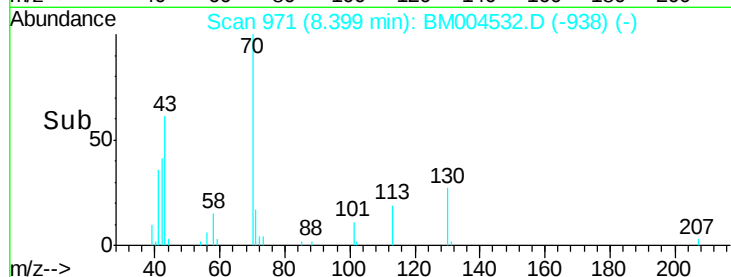
#15
N-Nitroso-di-n-propylamine
Concen: 19.95 ng/ul
RT: 8.40 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM004532.D
Acq: 03 Mar 2016 14:48

Instrument :
BNA_M
ClientSampleId :
D9R26MSD

Tgt Ion:	70	Resp:	28640
Ion	Ratio	Lower	Upper
70	100		
42	40.7	35.4	53.0
101	11.0	8.4	12.6
130	26.7	18.2	27.4

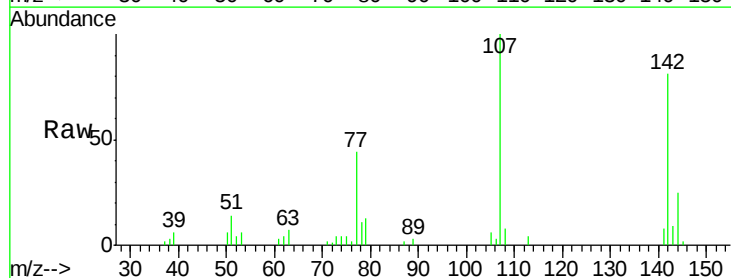


Abundance Ion 70.00 (69.70 to 70.70): BM004532.D (-938) (-)
Ion 42.00 (41.70 to 42.70): BM004532.D (-938) (-)
Ion 101.00 (100.70 to 101.70): BM004532.D (-938) (-)
Ion 130.00 (129.70 to 130.70): BM004532.D (-938) (-)

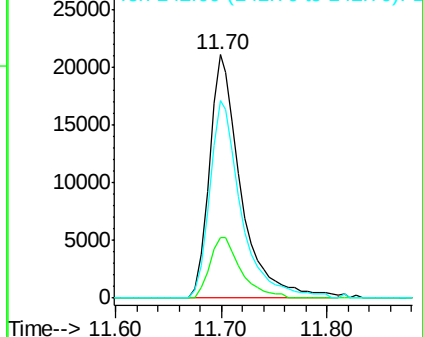
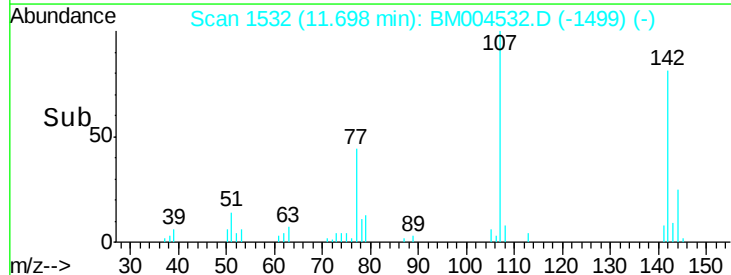


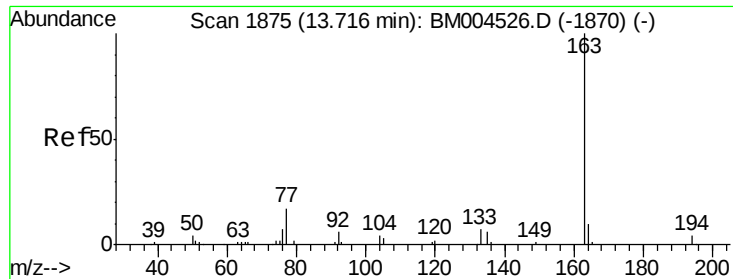
#33
4-Chloro-3-methylphenol
Concen: 18.48 ng/ul
RT: 11.70 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BM004532.D
Acq: 03 Mar 2016 14:48

Tgt Ion:	107	Resp:	43866
Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.4	30.6
142	81.4	62.5	93.7



Abundance Ion 107.00 (106.70 to 107.70): BM004532.D (-1499) (-)
Ion 144.00 (143.70 to 144.70): BM004532.D (-1499) (-)
Ion 142.00 (141.70 to 142.70): BM004532.D (-1499) (-)

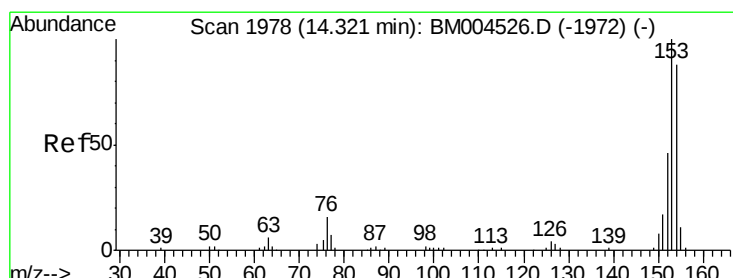
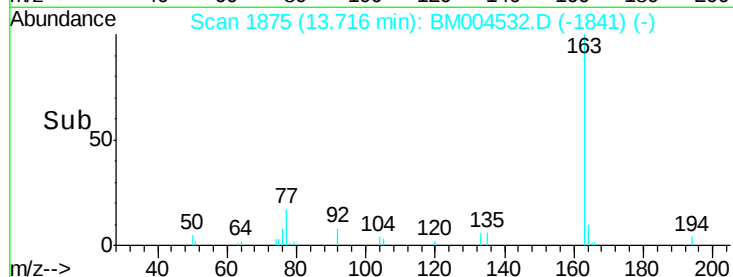
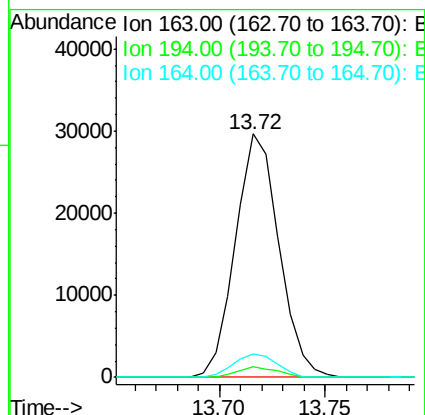
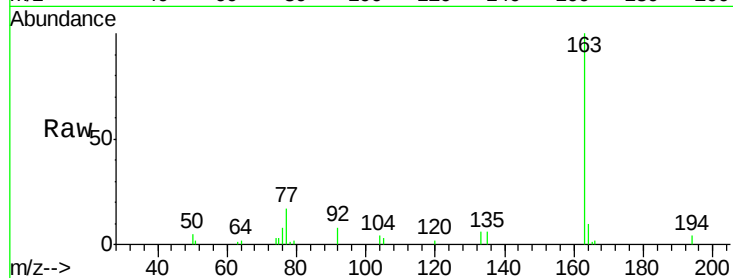




#45
Dimethylphthalate
Concen: 5.76 ng/ul
RT: 13.72 min Scan# 1875
Delta R.T. 0.00 min
Lab File: BM004532.D
Acq: 03 Mar 2016 14:48

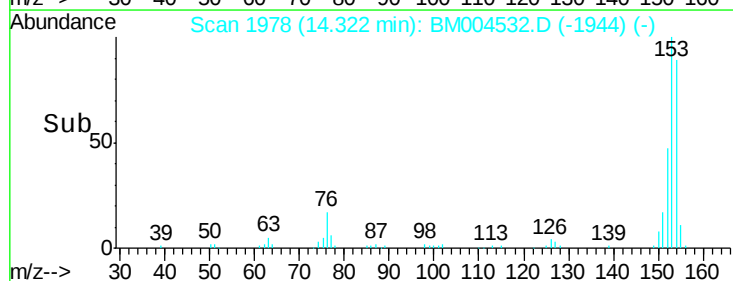
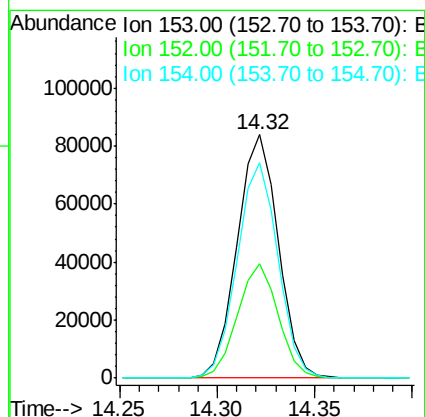
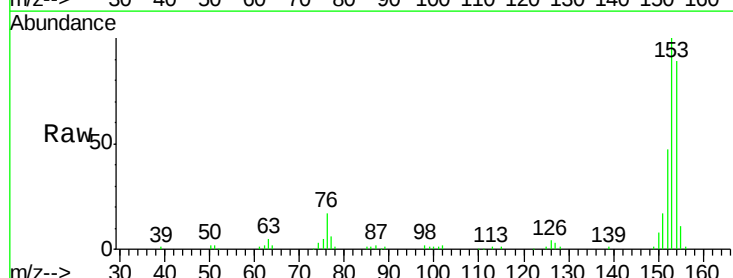
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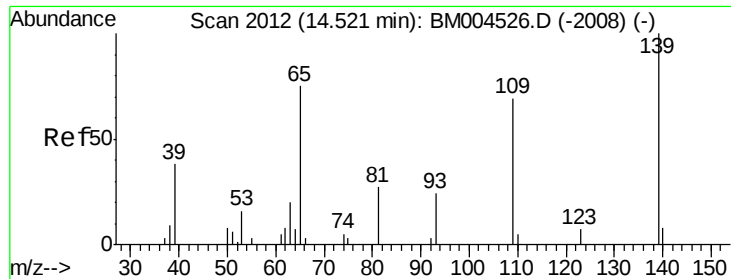
Tgt Ion:163 Resp: 42483
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 9.9 7.8 11.8



#50
Acenaphthene
Concen: 19.69 ng/ul
RT: 14.32 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM004532.D
Acq: 03 Mar 2016 14:48

Tgt Ion:153 Resp: 122696
Ion Ratio Lower Upper
153 100
152 47.0 38.3 57.5
154 88.8 71.8 107.8





#53

4-Nitrophenol

Concen: 19.28 ng/ul

RT: 14.52 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BM004532.D

Acq: 03 Mar 2016 14:48

Instrument :

BNA_M

ClientSampleId :

D9R26MSD

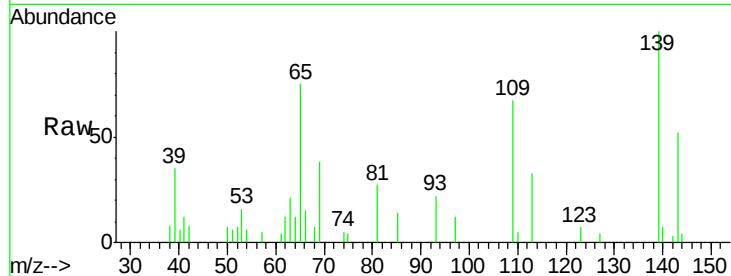
Tgt Ion:109 Resp: 13714

Ion Ratio Lower Upper

109 100

139 150.2 103.7 155.5

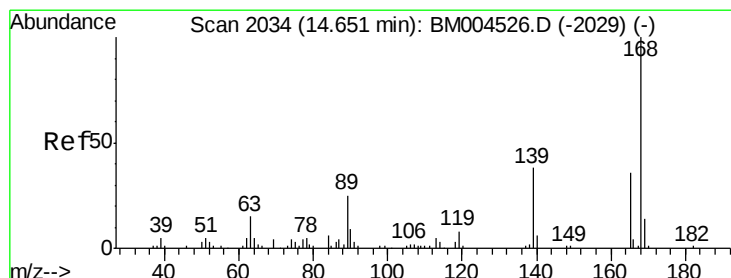
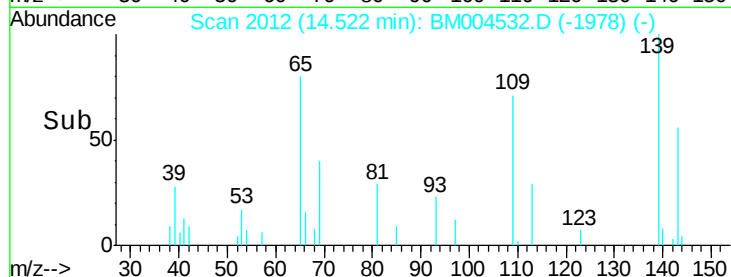
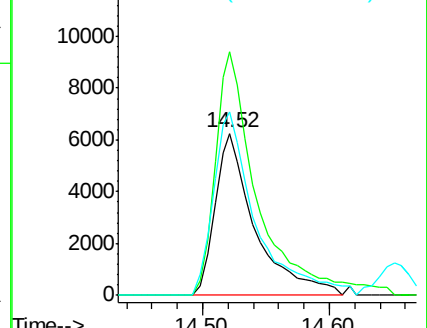
65 113.4 89.4 134.2



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: 20.34 ng/ul

RT: 14.65 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BM004532.D

Acq: 03 Mar 2016 14:48

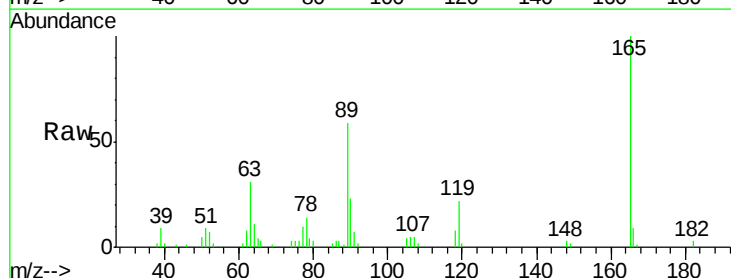
Tgt Ion:165 Resp: 43970

Ion Ratio Lower Upper

165 100

63 31.4 29.8 44.6

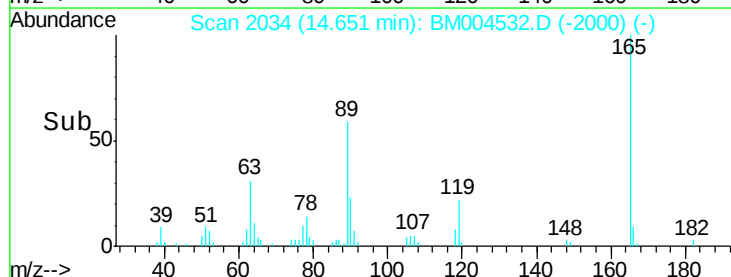
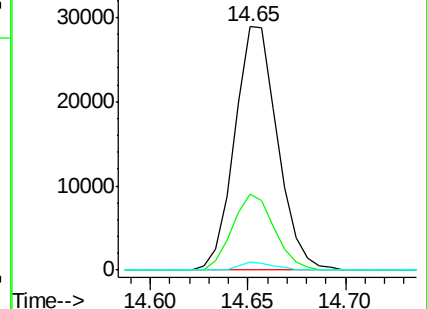
182 3.3 2.2 3.4

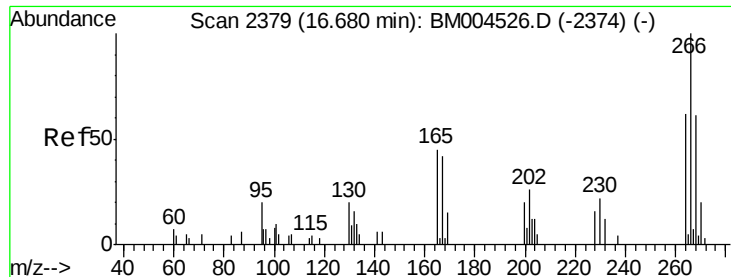


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

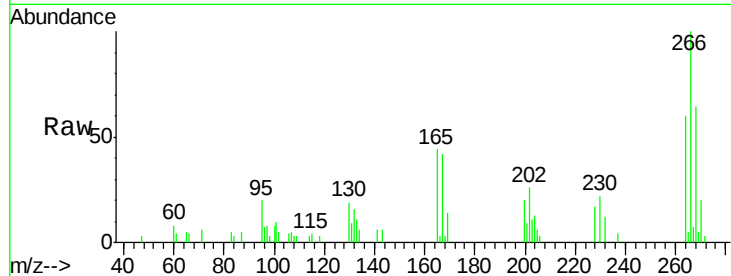




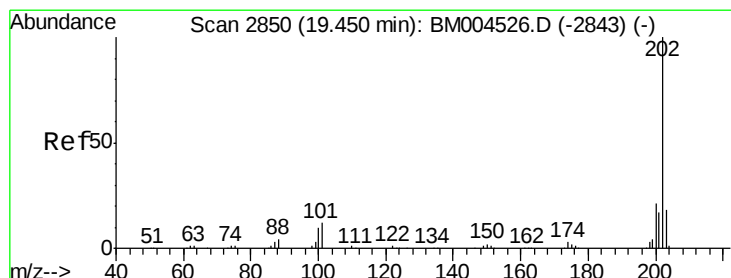
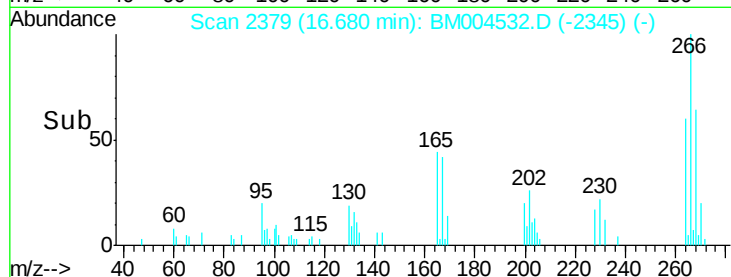
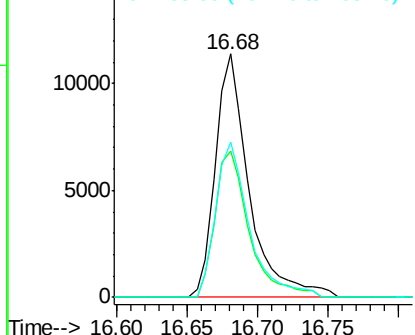
#69
 Pentachlorophenol
 Concen: 18.46 ng/ul
 RT: 16.68 min Scan# 2379
 Delta R.T. 0.00 min
 Lab File: BM004532.D
 Acq: 03 Mar 2016 14:48

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Tgt Ion:266 Resp: 18962
 Ion Ratio Lower Upper
 266 100
 264 60.4 50.5 75.7
 268 63.9 50.9 76.3

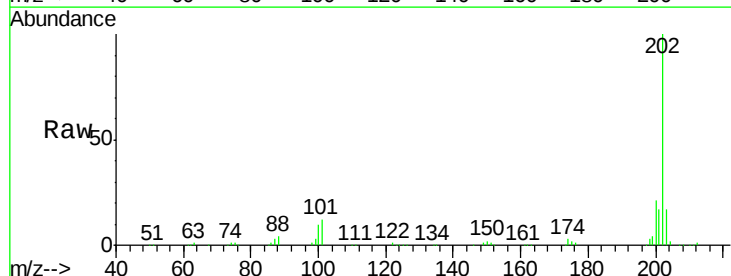


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 21.25 ng/ul
 RT: 19.45 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: BM004532.D
 Acq: 03 Mar 2016 14:48

Tgt Ion:202 Resp: 277799
 Ion Ratio Lower Upper
 202 100
 101 12.5 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

