

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM021516\
 Data File : BM004276.D
 Acq On : 16 Feb 2016 03:10
 Operator : SJ/UM
 Sample : H1416-19MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9QF3MS

Quant Time: Feb 16 05:54:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 16 02:45:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	36345	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	168676	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	92167	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	180610	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	165351	20.00	ng/ul	0.01
86) Perylene-d12	23.52	264	162426	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	1297	1.80	ng/uL	0.00
5) Phenol-d5	6.84	99	31206	10.69	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.98	67	51450	32.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	79989	30.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	54367	21.86	ng/ul	0.01
19) Nitrobenzene-d5	8.81	128	44638	34.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	51138	35.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	82904	31.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	9853	3.17	ng/ul	0.01
44) Dimethylphthalate-d6	13.72	166	253433	33.04	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	314418	33.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	10814	8.72	ng/ul	0.03
58) Fluorene-d10	15.31	176	213306	33.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	32186	29.26	ng/ul	0.00
71) Anthracene-d10	17.16	188	298118	33.76	ng/ul	0.00
79) Pyrene-d10	19.47	212	291620	33.23	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.37	264	295060	34.04	ng/ul	0.02

Target Compounds

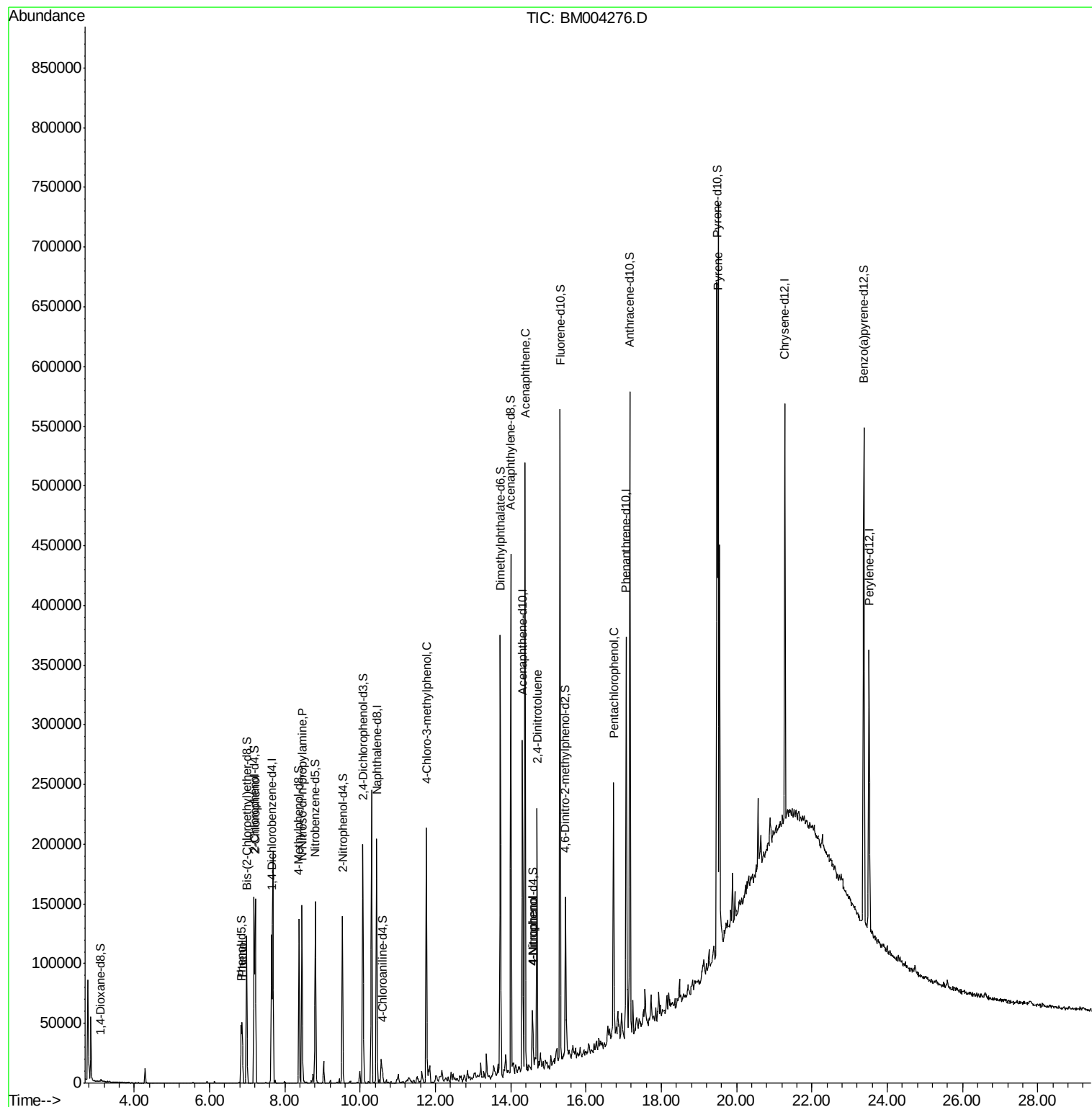
						Qvalue
6) Phenol	6.87	94	31497	10.13	ng/ul	98
10) 2-Chlorophenol	7.22	128	75918	28.21	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	61820	32.34	ng/ul	97
33) 4-Chloro-3-methylphenol	11.76	107	81208	26.93	ng/ul	98
50) Acenaphthene	14.37	153	211863	30.73	ng/ul	99
53) 4-Nitrophenol	14.59	109	8031	8.09	ng/ul	90
55) 2,4-Dinitrotoluene	14.70	165	70837	31.18	ng/ul	92
69) Pentachlorophenol	16.73	266	36768	33.77	ng/ul	100
80) Pyrene	19.50	202	360906	30.18	ng/ul	98

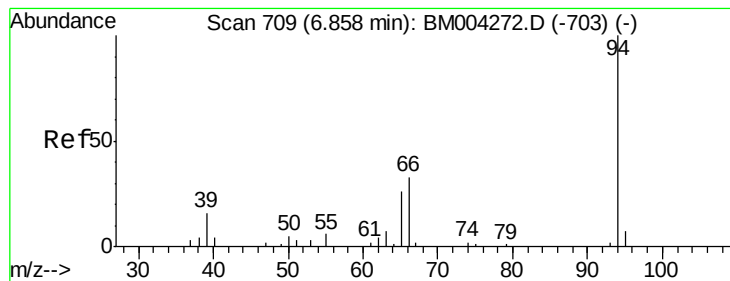
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 16 02:45:44 2016
Response via : Initial Calibration





#6

Phenol

Concen: 10.13 ng/ul

RT: 6.87 min Scan# 711

Delta R.T. 0.01 min

Lab File: BM004276.D

Acq: 16 Feb 2016 03:10

Instrument :

BNA_M

ClientSampleId :

D9QF3MS

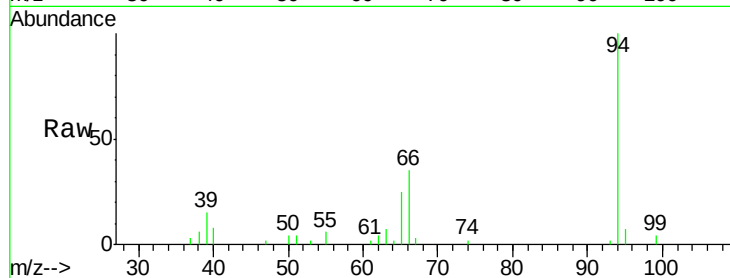
Tgt Ion: 94 Resp: 31497

Ion Ratio Lower Upper

94 100

65 25.0 21.0 31.6

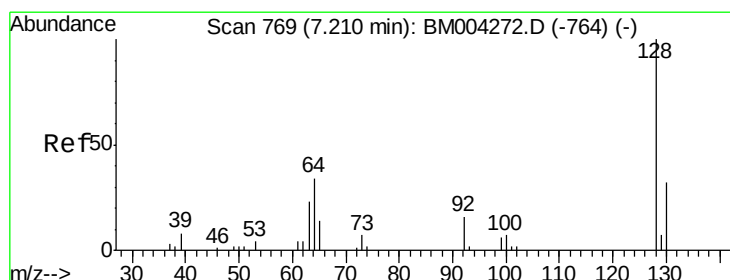
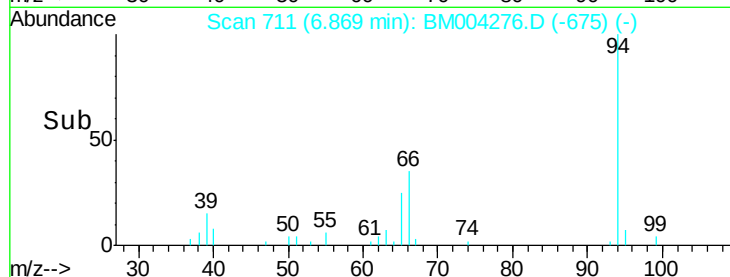
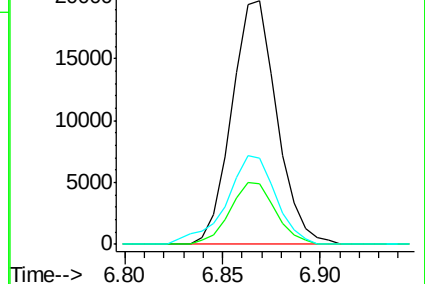
66 35.3 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM004276.D (-711) (-)

Ion 65.00 (64.70 to 65.70): BM004276.D (-711) (-)

Ion 66.00 (65.70 to 66.70): BM004276.D (-711) (-)



#10

2-Chlorophenol

Concen: 28.21 ng/ul

RT: 7.22 min Scan# 770

Delta R.T. 0.01 min

Lab File: BM004276.D

Acq: 16 Feb 2016 03:10

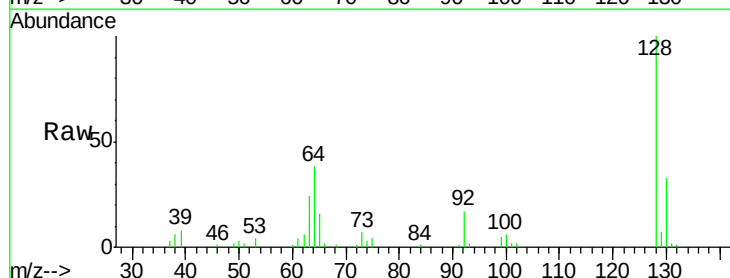
Tgt Ion: 128 Resp: 75918

Ion Ratio Lower Upper

128 100

64 37.8 31.9 47.9

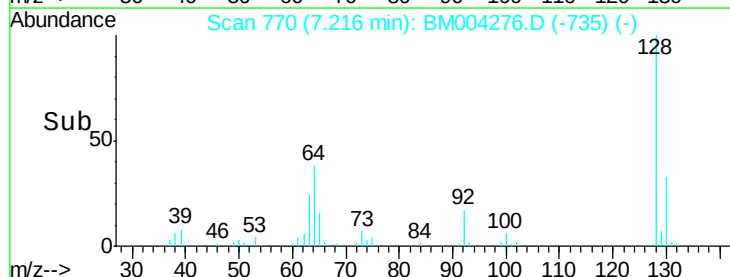
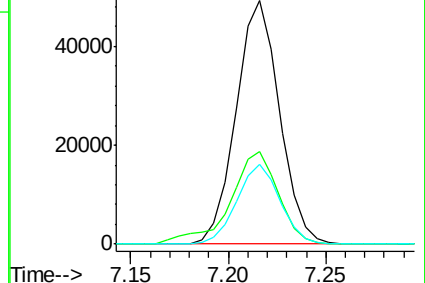
130 32.6 25.6 38.4

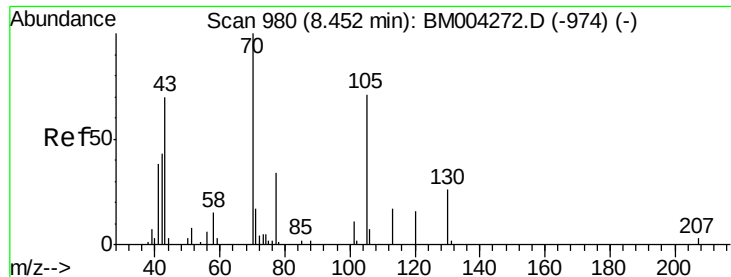


Abundance Ion 128.00 (127.70 to 128.70): BM004276.D (-770) (-)

Ion 64.00 (63.70 to 64.70): BM004276.D (-770) (-)

Ion 130.00 (129.70 to 130.70): BM004276.D (-770) (-)

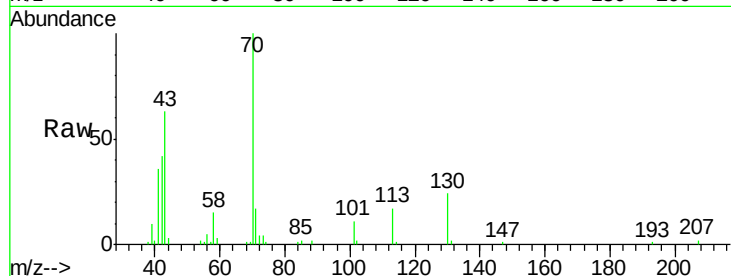




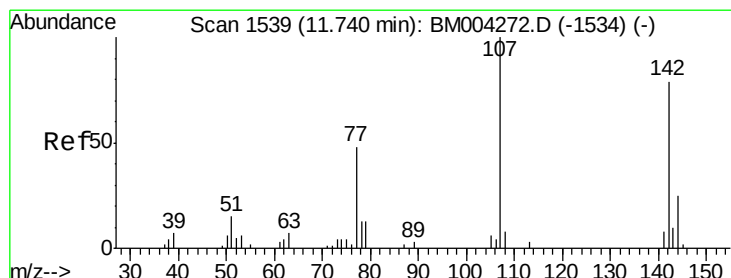
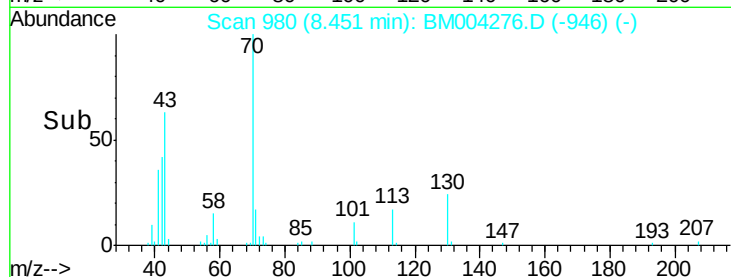
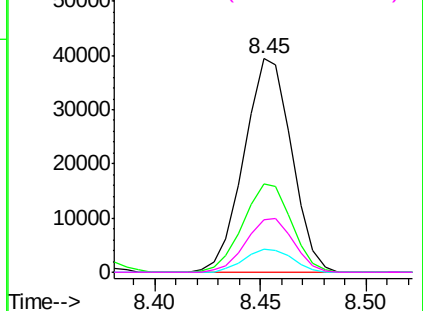
#15
N-Nitroso-di-n-propylamine
Concen: 32.34 ng/ul
RT: 8.45 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM004276.D
Acq: 16 Feb 2016 03:10

Instrument :
BNA_M
ClientSampleId :
D9QF3MS

Tgt Ion:	70	Resp:	61820
Ion	Ratio	Lower	Upper
70	100		
42	41.6	35.4	53.0
101	10.6	8.4	12.6
130	24.4	18.2	27.4

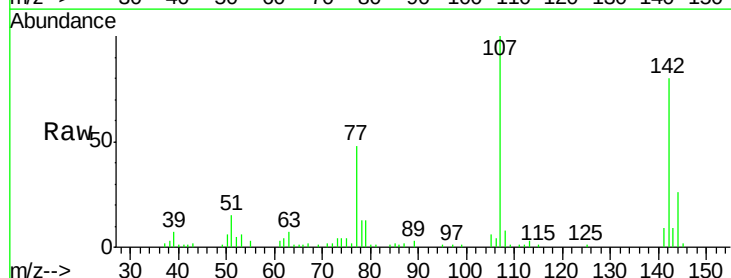


Abundance Ion 70.00 (69.70 to 70.70): BM004276.D (-946) (-)

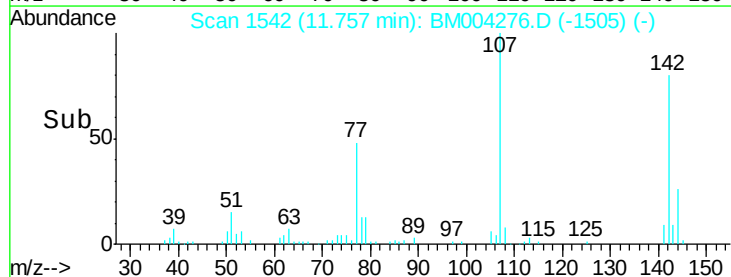
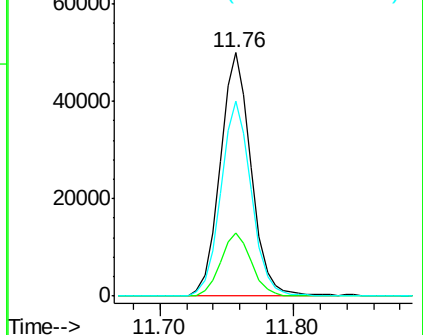


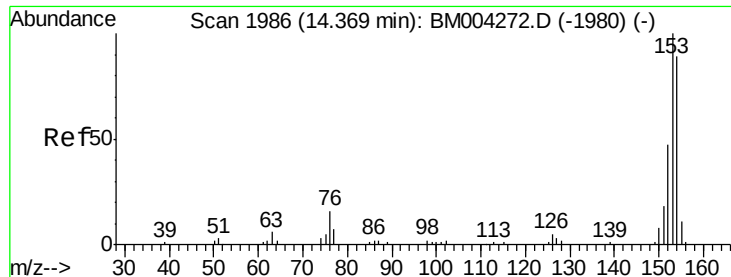
#33
4-Chloro-3-methylphenol
Concen: 26.93 ng/ul
RT: 11.76 min Scan# 1542
Delta R.T. 0.02 min
Lab File: BM004276.D
Acq: 16 Feb 2016 03:10

Tgt Ion:	107	Resp:	81208
Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.4	30.6
142	80.2	62.5	93.7



Abundance Ion 107.00 (106.70 to 107.70): BM004276.D (-1505) (-)





#50

Acenaphthene

Concen: 30.73 ng/ul

RT: 14.37 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BM004276.D

Acq: 16 Feb 2016 03:10

Instrument :

BNA_M

ClientSampleId :

D9QF3MS

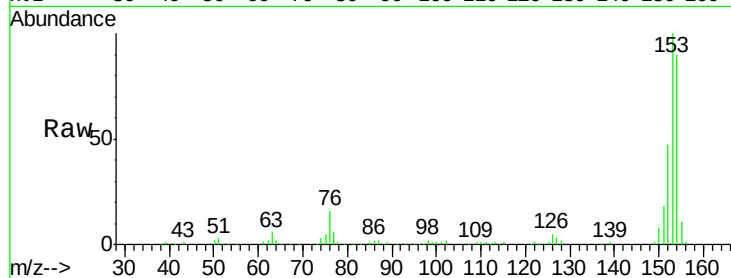
Tgt Ion:153 Resp: 211863

Ion Ratio Lower Upper

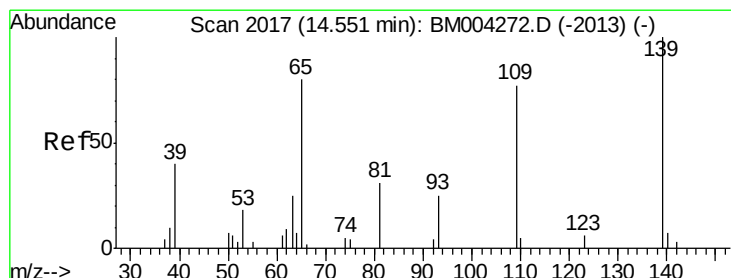
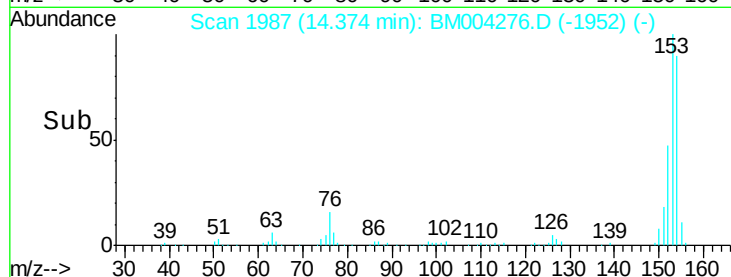
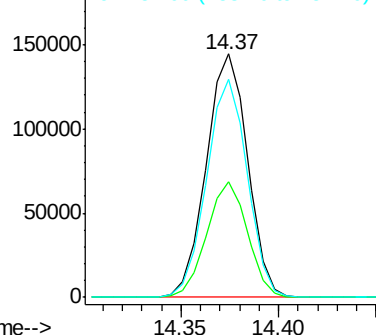
153 100

152 47.2 38.3 57.5

154 89.5 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: 8.09 ng/ul

RT: 14.59 min Scan# 2023

Delta R.T. 0.04 min

Lab File: BM004276.D

Acq: 16 Feb 2016 03:10

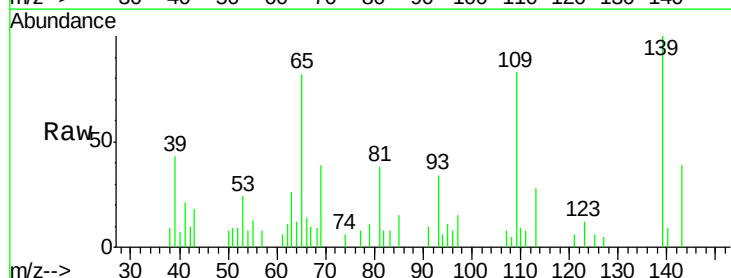
Tgt Ion:109 Resp: 8031

Ion Ratio Lower Upper

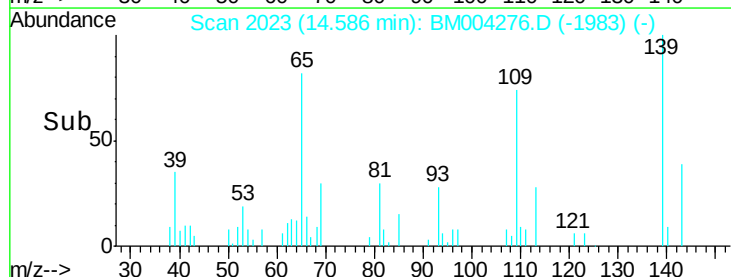
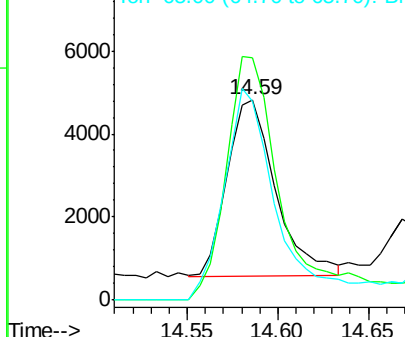
109 100

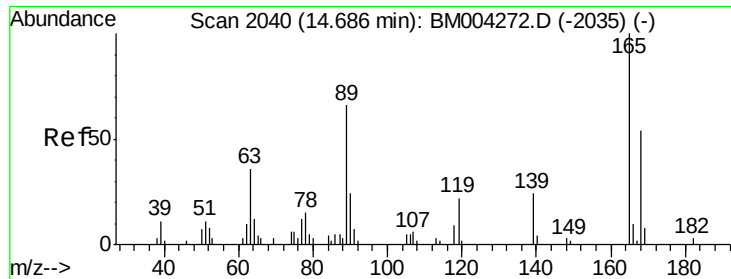
139 120.6 103.7 155.5

65 99.0 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): E

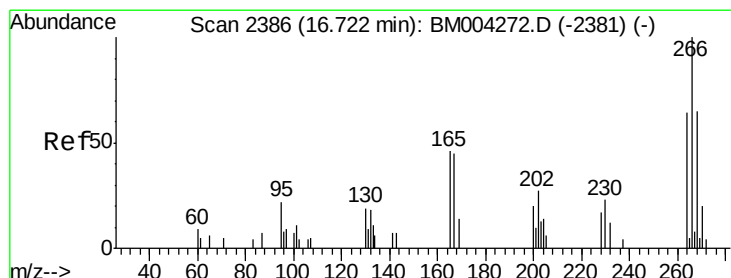
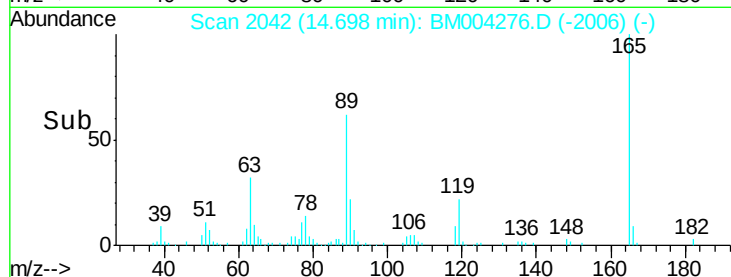
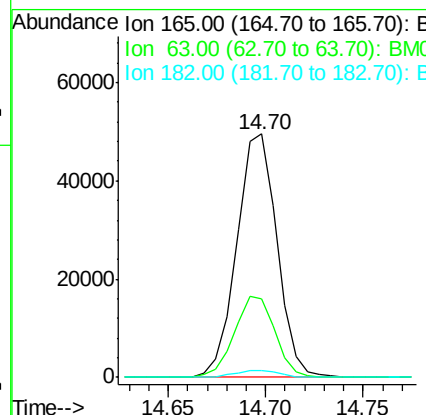
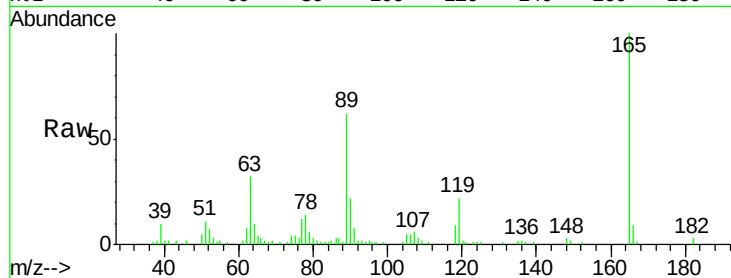




#55
 2,4-Dinitrotoluene
 Concen: 31.18 ng/ul
 RT: 14.70 min Scan# 2042
 Delta R.T. 0.01 min
 Lab File: BM004276.D
 Acq: 16 Feb 2016 03:10

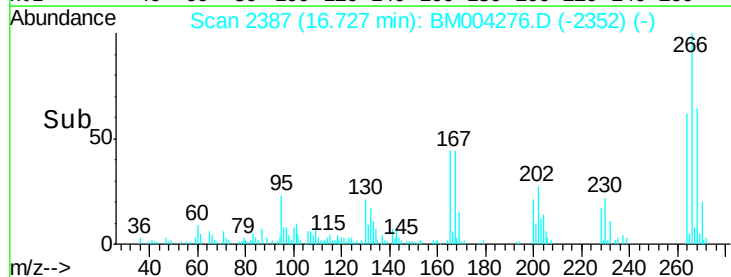
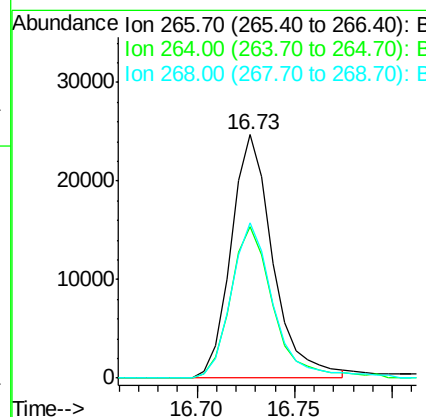
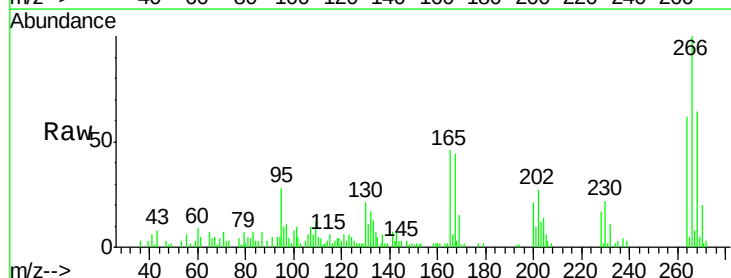
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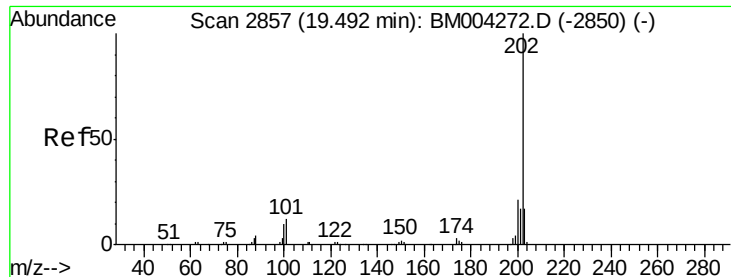
Tgt Ion:165 Resp: 70837
 Ion Ratio Lower Upper
 165 100
 63 32.3 29.8 44.6
 182 2.8 2.2 3.4



#69
 Pentachlorophenol
 Concen: 33.77 ng/ul
 RT: 16.73 min Scan# 2387
 Delta R.T. 0.01 min
 Lab File: BM004276.D
 Acq: 16 Feb 2016 03:10

Tgt Ion:266 Resp: 36768
 Ion Ratio Lower Upper
 266 100
 264 62.4 50.5 75.7
 268 63.7 50.9 76.3





#80

Pyrene

Concen: 30.18 ng/ul

RT: 19.50 min Scan# 2859

Delta R.T. 0.01 min

Lab File: BM004276.D

Acq: 16 Feb 2016 03:10

Instrument :

BNA_M

ClientSampleId :

D9QF3MS

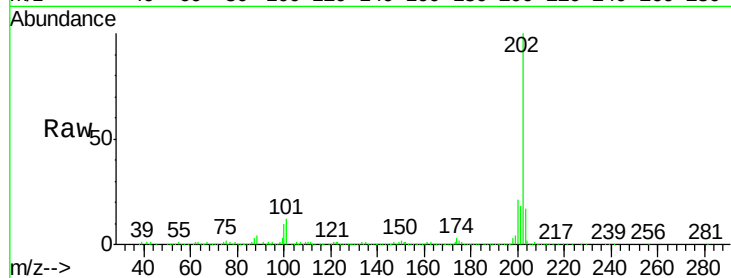
Tgt Ion: 202 Resp: 360906

Ion Ratio Lower Upper

202 100

101 12.1 10.2 15.2

100 9.9 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

