

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100416\
 Data File : BM007655.D
 Acq On : 04 Oct 2016 14:34
 Operator : UM/SJ
 Sample : H5033-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H1A01MSD

Quant Time: Oct 04 15:35:16 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 04 13:03:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	171667	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	826310	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	661581	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1527497	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	1894488	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	1669610	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	5793	1.66	ng/uL	0.00
5) Phenol-d5	6.95	99	117337	7.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	264787	32.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	285676	25.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	223383	17.17	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	194545	32.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	213741	31.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	385843	28.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	2670	0.19	ng/ul	0.04
43) Dimethylphthalate-d6	13.82	166	1737872	36.11	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1938999	34.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	56906	6.70	ng/ul	0.00
57) Fluorene-d10	15.40	176	1523125	36.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	299481	32.13	ng/ul	0.00
70) Anthracene-d10	17.24	188	2641270	37.63	ng/ul	0.00
76) Pyrene-d10	19.54	212	3289012	43.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.45	264	2792865	37.80	ng/ul	0.00

Target Compounds

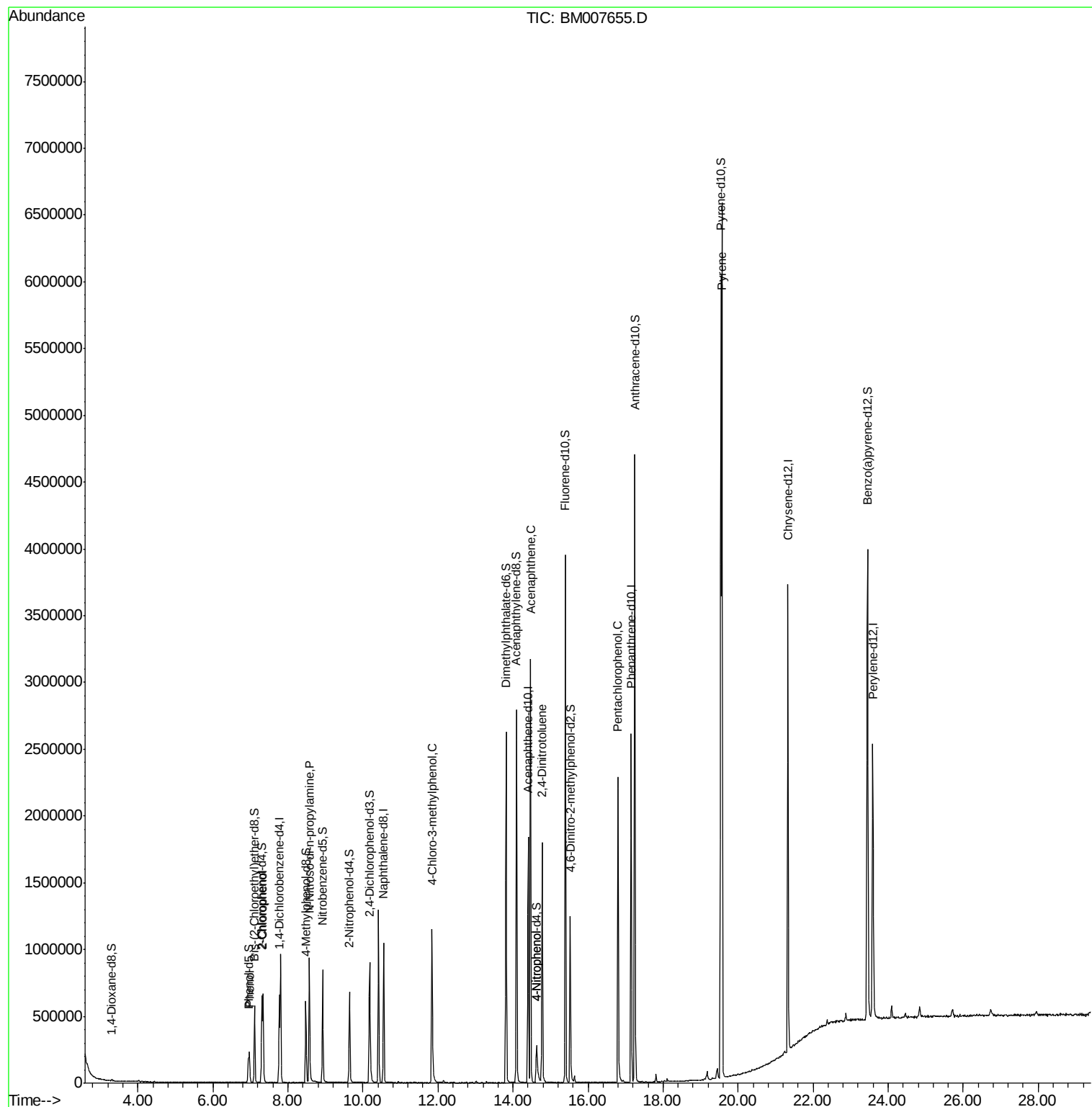
						Qvalue
6) Phenol	6.97	94	123066	7.96	ng/ul	99
10) 2-Chlorophenol	7.34	128	283281	25.53	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.57	70	362943	36.09	ng/ul	96
33) 4-Chloro-3-methylphenol	11.84	107	469888	29.29	ng/ul	93
49) Acenaphthene	14.47	153	1305718	34.25	ng/ul	98
52) 4-Nitrophenol	14.63	109	57123	6.46	ng/ul	99
54) 2,4-Dinitrotoluene	14.78	165	531895	37.25	ng/ul	99
68) Pentachlorophenol	16.80	266	413810	35.24	ng/ul	99
77) Pyrene	19.57	202	4038696	43.45	ng/ul	98

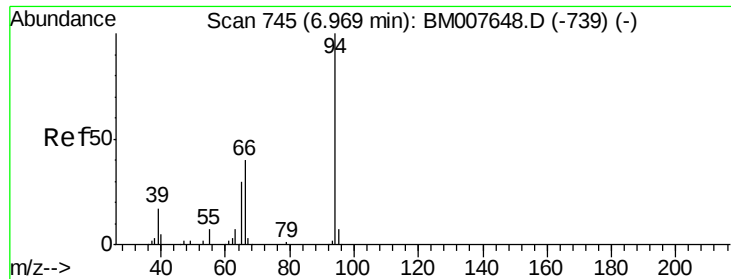
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 7.96 ng/ul

RT: 6.97 min Scan# 745

Delta R.T. -0.01 min

Lab File: BM007655.D

Acq: 04 Oct 2016 14:34

Instrument :

BNA_M

ClientSampleId :

H1A01MSD

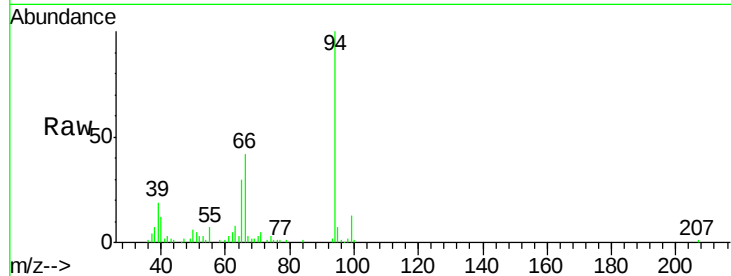
Tgt Ion: 94 Resp: 123066

Ion Ratio Lower Upper

94 100

65 29.6 23.9 35.9

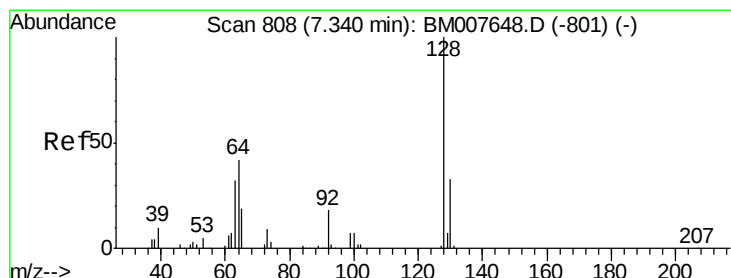
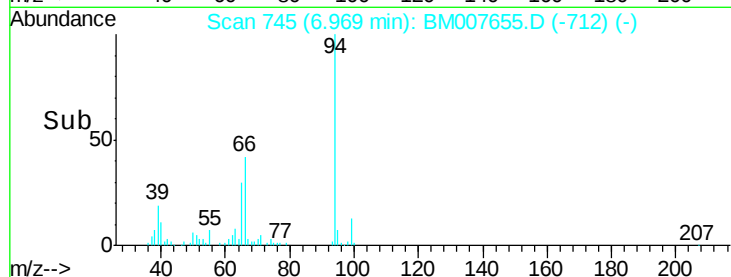
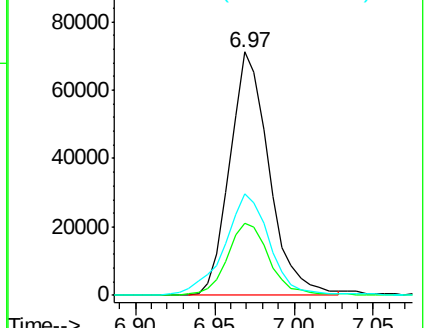
66 41.6 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007648.D (-739) (-)

Ion 65.00 (64.70 to 65.70): BM007648.D (-739) (-)

Ion 66.00 (65.70 to 66.70): BM007648.D (-739) (-)



#10

2-Chlorophenol

Concen: 25.53 ng/ul

RT: 7.34 min Scan# 808

Delta R.T. -0.00 min

Lab File: BM007655.D

Acq: 04 Oct 2016 14:34

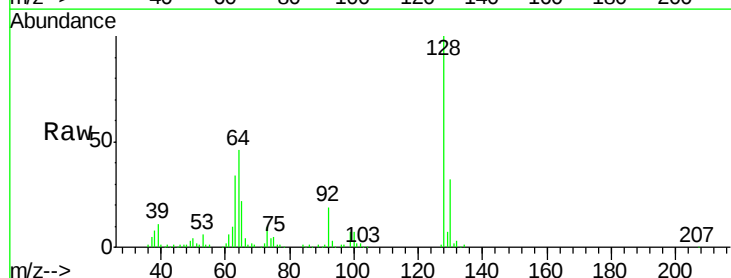
Tgt Ion: 128 Resp: 283281

Ion Ratio Lower Upper

128 100

64 45.8 37.5 56.3

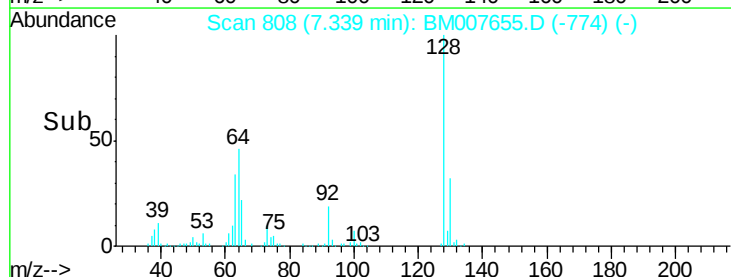
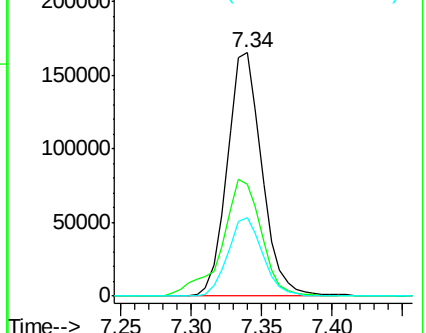
130 32.5 25.0 37.4

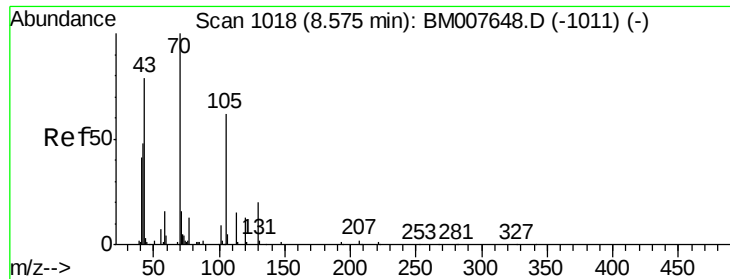


Abundance Ion 128.00 (127.70 to 128.70): BM007648.D (-801) (-)

Ion 64.00 (63.70 to 64.70): BM007648.D (-801) (-)

Ion 130.00 (129.70 to 130.70): BM007648.D (-801) (-)

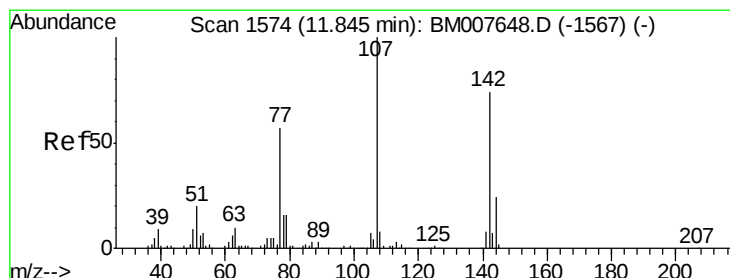
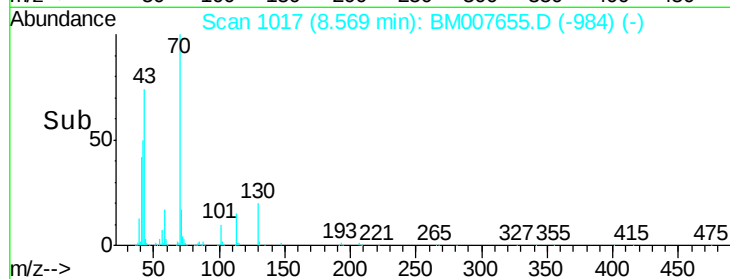
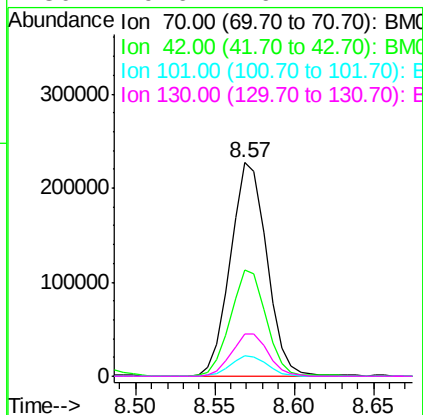
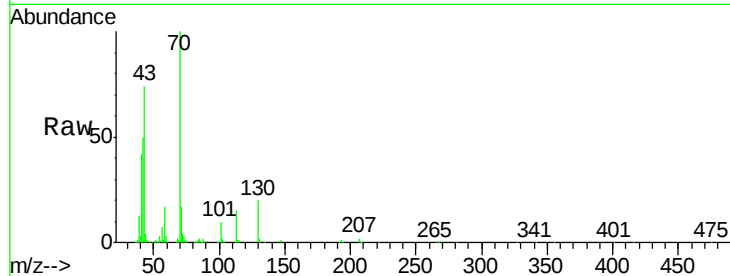




#15
N-Nitroso-di-n-propylamine
Concen: 36.09 ng/ul
RT: 8.57 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BM007655.D
Acq: 04 Oct 2016 14:34

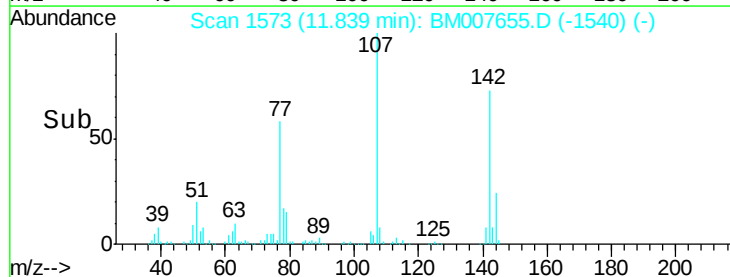
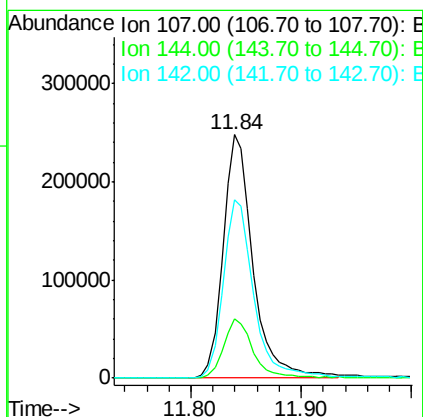
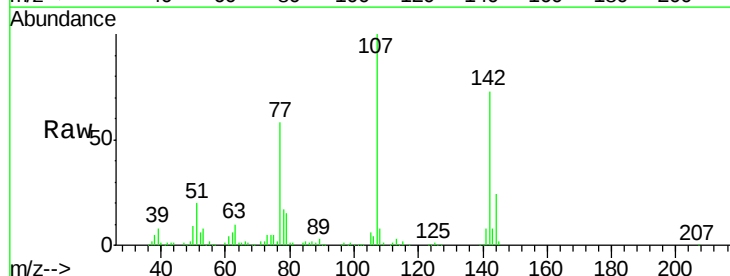
Instrument :
BNA_M
ClientSampleId :
H1A01MSD

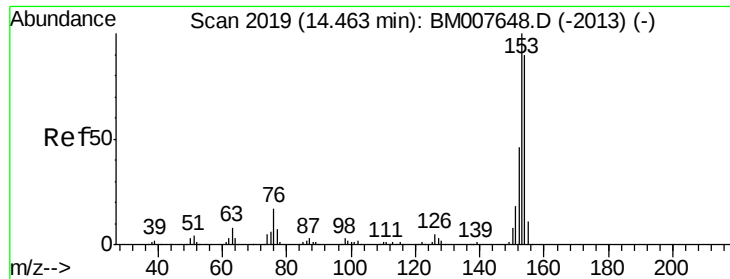
Tgt Ion:	70	Resp:	362943
Ion	Ratio	Lower	Upper
70	100		
42	49.9	43.4	65.2
101	9.6	7.8	11.6
130	19.6	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 29.29 ng/ul
RT: 11.84 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BM007655.D
Acq: 04 Oct 2016 14:34

Tgt Ion:	107	Resp:	469888
Ion	Ratio	Lower	Upper
107	100		
144	24.4	21.1	31.7
142	73.1	64.1	96.1





#49

Acenaphthene

Concen: 34.25 ng/ul

RT: 14.47 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BM007655.D

Acq: 04 Oct 2016 14:34

Instrument :

BNA_M

ClientSampleId :

H1A01MSD

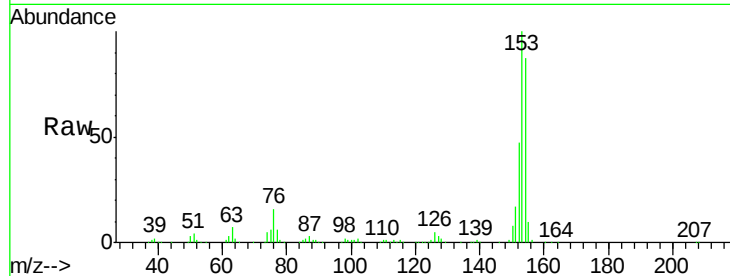
Tgt Ion:153 Resp: 1305718

Ion Ratio Lower Upper

153 100

152 46.8 37.8 56.6

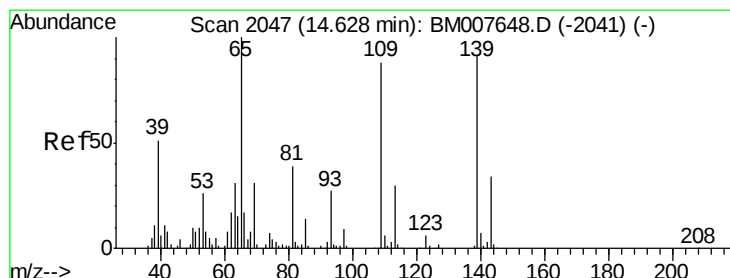
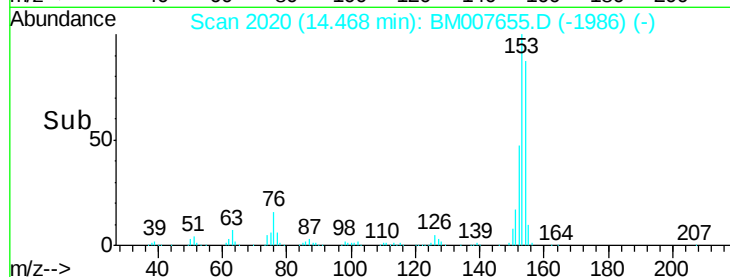
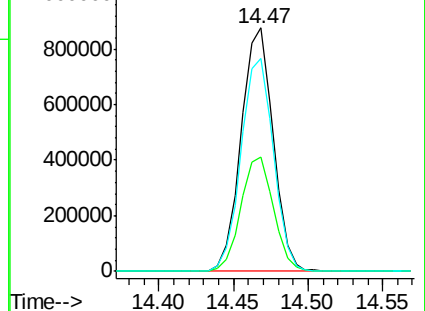
154 87.3 71.4 107.0



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



#52

4-Nitrophenol

Concen: 6.46 ng/ul

RT: 14.63 min Scan# 2048

Delta R.T. -0.00 min

Lab File: BM007655.D

Acq: 04 Oct 2016 14:34

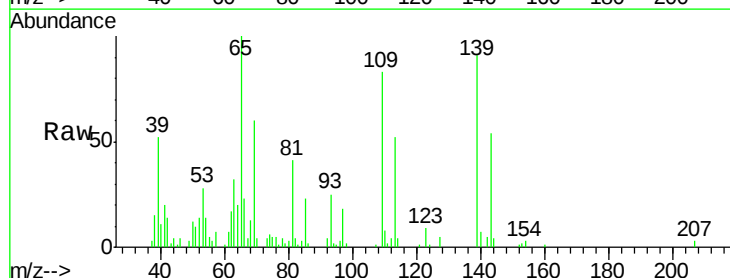
Tgt Ion:109 Resp: 57123

Ion Ratio Lower Upper

109 100

139 109.6 88.7 133.1

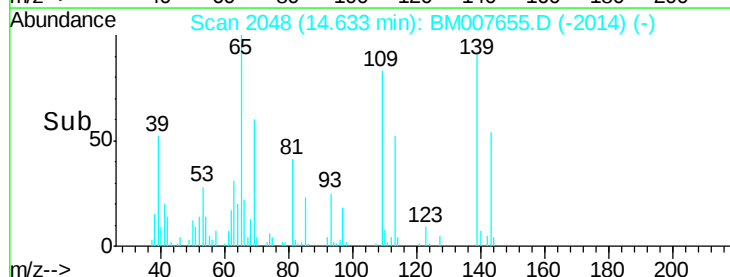
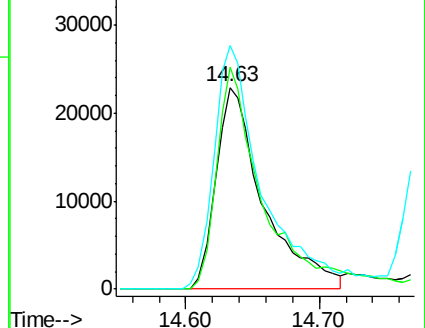
65 120.6 96.4 144.6

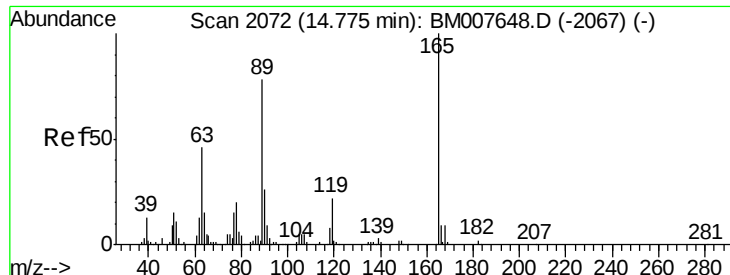


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

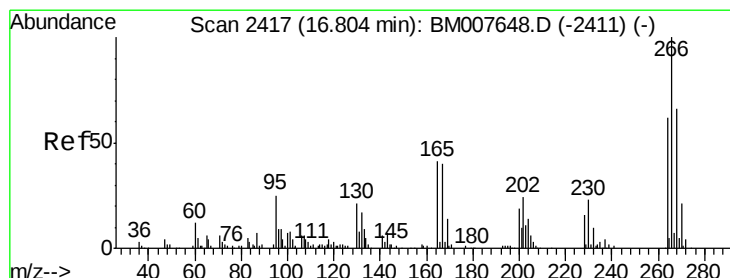
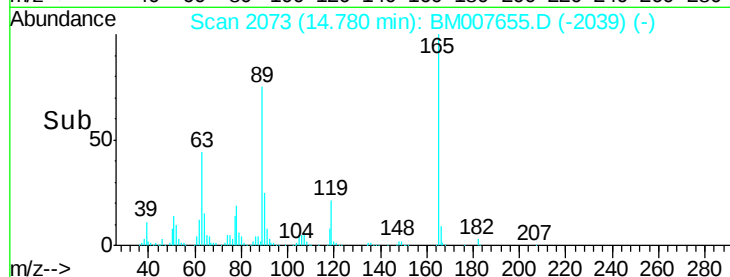
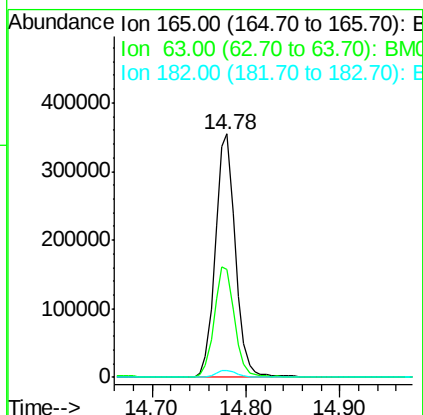
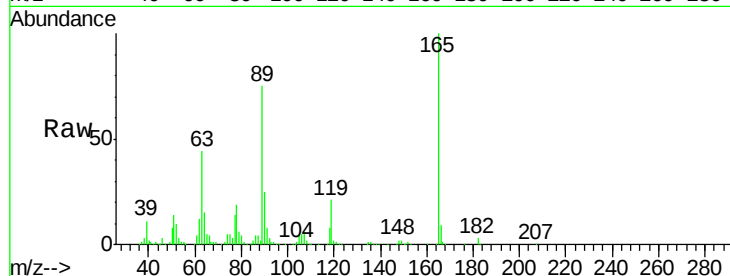




#54
2,4-Dinitrotoluene
Concen: 37.25 ng/ul
RT: 14.78 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BM007655.D
Acq: 04 Oct 2016 14:34

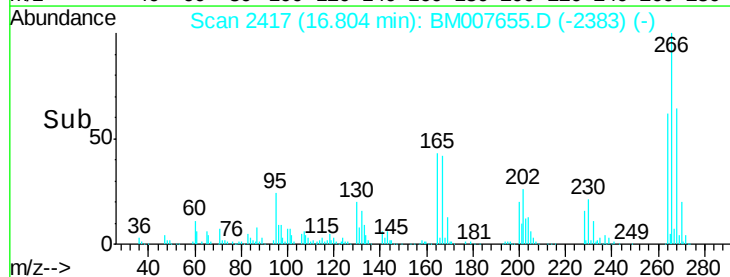
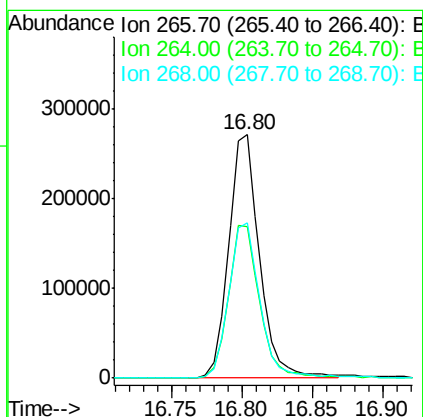
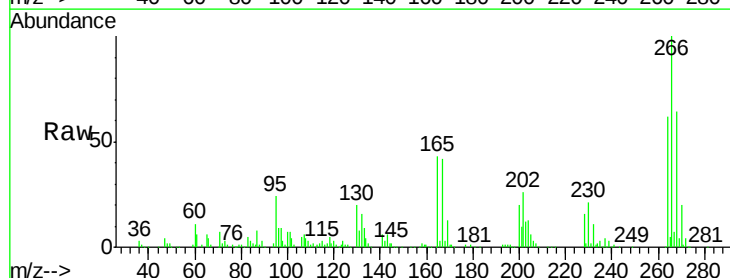
Instrument :
BNA_M
ClientSampleId :
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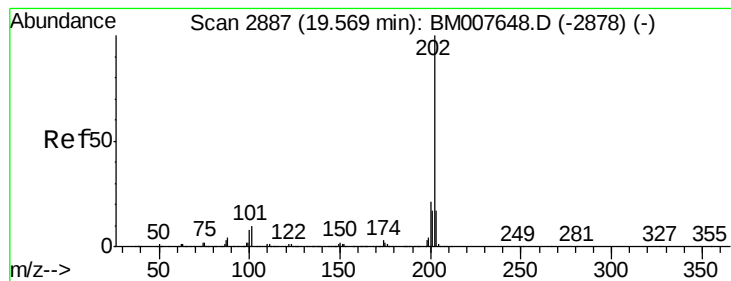
Tgt Ion:165 Resp: 531895
Ion Ratio Lower Upper
165 100
63 44.5 36.2 54.2
182 2.9 2.2 3.4



#68
Pentachlorophenol
Concen: 35.24 ng/ul
RT: 16.80 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM007655.D
Acq: 04 Oct 2016 14:34

Tgt Ion:266 Resp: 413810
Ion Ratio Lower Upper
266 100
264 62.3 50.6 75.8
268 63.6 51.0 76.6





#77

Pyrene

Concen: 43.45 ng/ul

RT: 19.57 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BM007655.D

Acq: 04 Oct 2016 14:34

Instrument :

BNA_M

ClientSampleId :

H1A01MSD

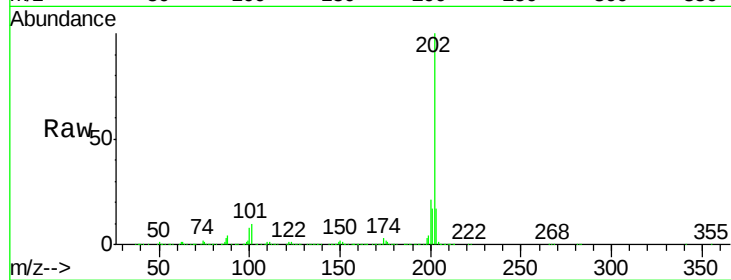
Tgt Ion: 202 Resp: 4038696

Ion Ratio Lower Upper

202 100

101 9.5 8.4 12.6

100 8.2 6.9 10.3



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

