

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092616\
 Data File : BM007586.D
 Acq On : 27 Sep 2016 00:07
 Operator : UM/SJ
 Sample : H4866-15MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E43T1MSD

Quant Time: Sep 27 02:01:53 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 27 01:59:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	206607	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	952343	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	747170	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1743874	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	2571409	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	2517734	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	4443	1.06	ng/uL	0.00
5) Phenol-d5	6.95	99	88831	4.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	233499	23.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	247833	18.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	177362	11.33	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	167856	24.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	187119	24.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	334514	21.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	16906	1.04	ng/ul	0.01
43) Dimethylphthalate-d6	13.82	166	1436556	26.43	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1617182	25.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	42315	4.41	ng/ul	0.00
57) Fluorene-d10	15.40	176	1274294	26.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	251854	23.67	ng/ul	0.00
70) Anthracene-d10	17.25	188	2245591	28.02	ng/ul	0.00
76) Pyrene-d10	19.54	212	2928195	28.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	3190677	28.64	ng/ul	0.00

Target Compounds

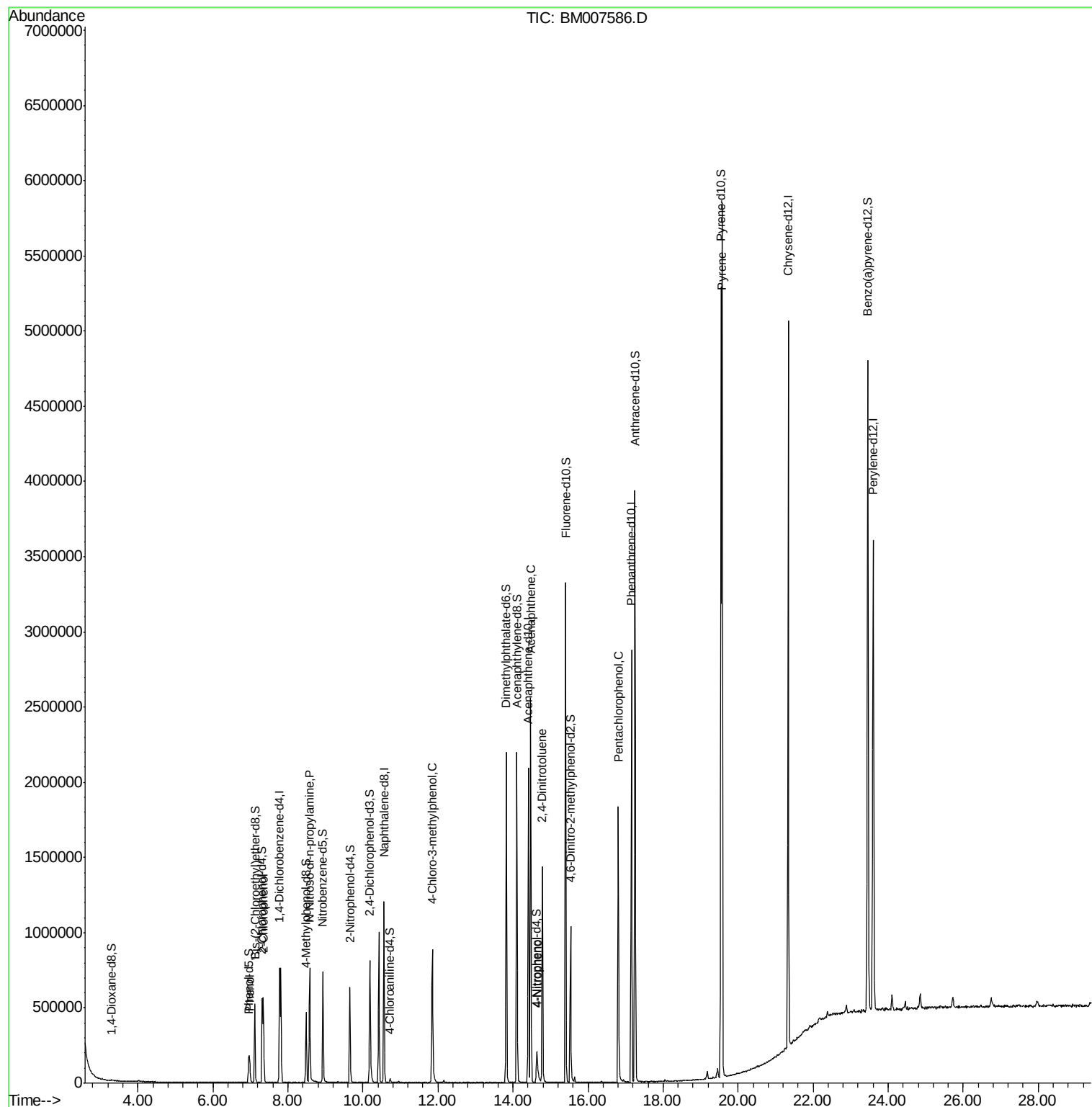
						Qvalue
6) Phenol	6.97	94	90829	4.88	ng/ul	96
10) 2-Chlorophenol	7.35	128	240147	17.98	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.58	70	295456	24.41	ng/ul	94
33) 4-Chloro-3-methylphenol	11.85	107	376749	20.38	ng/ul	94
49) Acenaphthene	14.47	153	1056233	24.53	ng/ul	99
52) 4-Nitrophenol	14.64	109	41683	4.17	ng/ul	93
54) 2,4-Dinitrotoluene	14.79	165	429571	26.64	ng/ul	98
68) Pentachlorophenol	16.81	266	346720	25.86	ng/ul	98
77) Pyrene	19.57	202	3466306	27.48	ng/ul	98

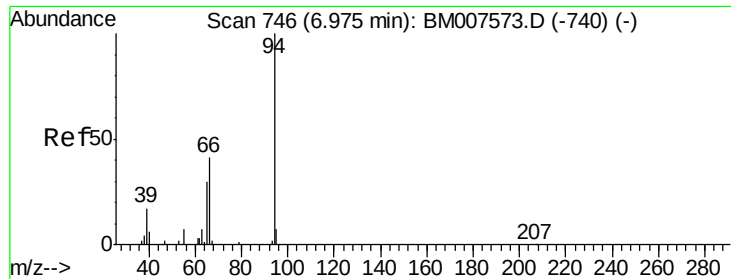
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.88 ng/ul

RT: 6.97 min Scan# 746

Delta R.T. -0.00 min

Lab File: BM007586.D

Acq: 27 Sep 2016 00:07

Instrument :

BNA_M

ClientSampleId :

E43T1MSD

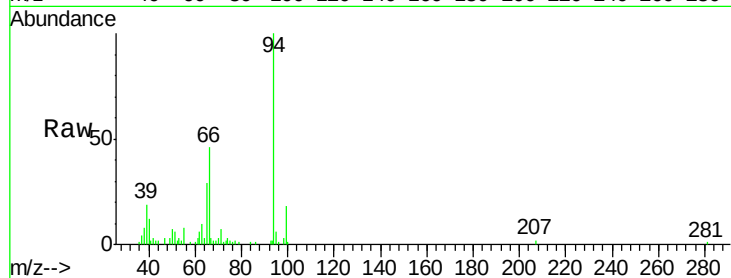
Tgt Ion: 94 Resp: 90829

Ion Ratio Lower Upper

94 100

65 28.9 23.9 35.9

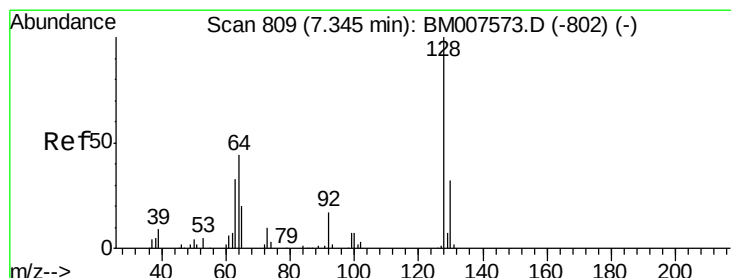
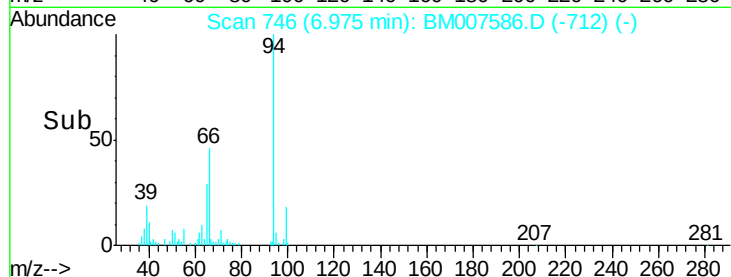
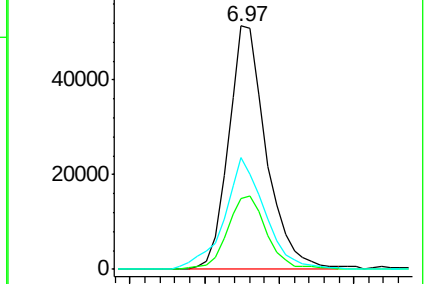
66 45.7 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007573.D (-740) (-)

Ion 65.00 (64.70 to 65.70): BM007573.D (-740) (-)

Ion 66.00 (65.70 to 66.70): BM007573.D (-740) (-)



#10

2-Chlorophenol

Concen: 17.98 ng/ul

RT: 7.35 min Scan# 809

Delta R.T. -0.00 min

Lab File: BM007586.D

Acq: 27 Sep 2016 00:07

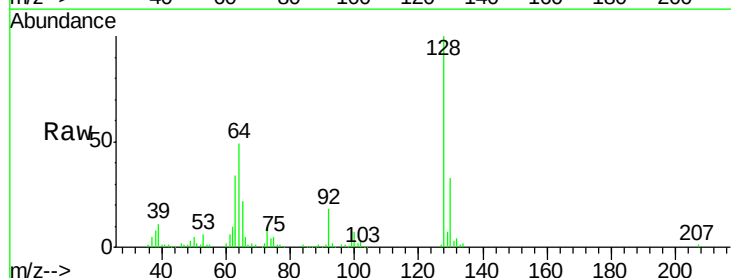
Tgt Ion: 128 Resp: 240147

Ion Ratio Lower Upper

128 100

64 49.0 37.5 56.3

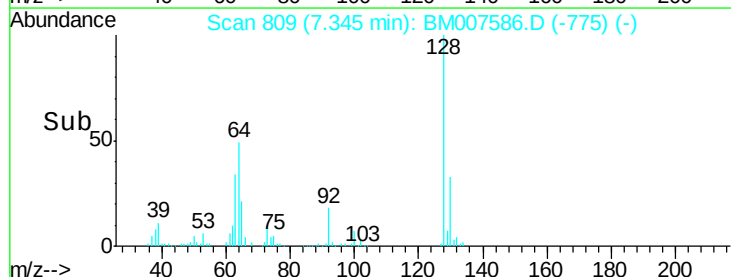
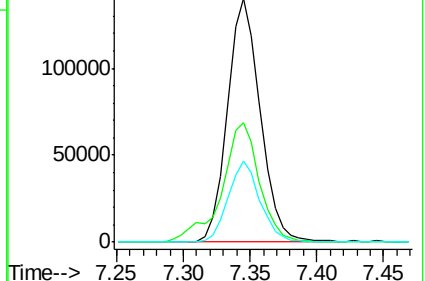
130 33.5 25.0 37.4

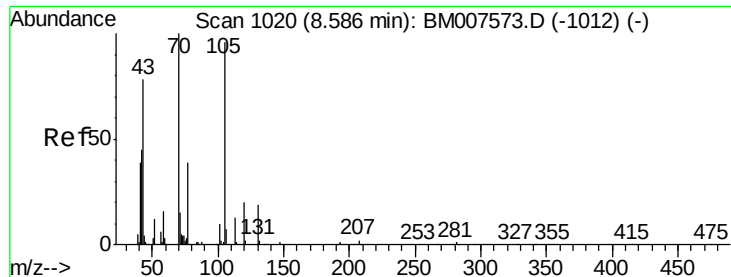


Abundance Ion 128.00 (127.70 to 128.70): BM007573.D (-802) (-)

Ion 64.00 (63.70 to 64.70): BM007573.D (-802) (-)

Ion 130.00 (129.70 to 130.70): BM007573.D (-802) (-)

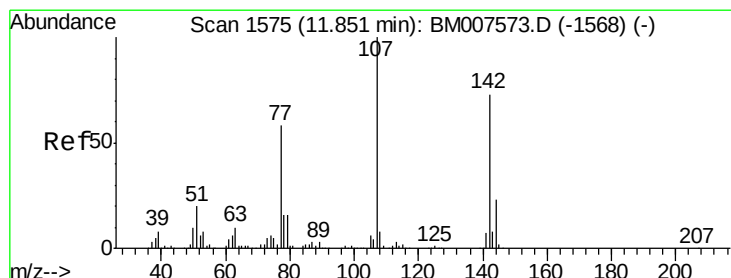
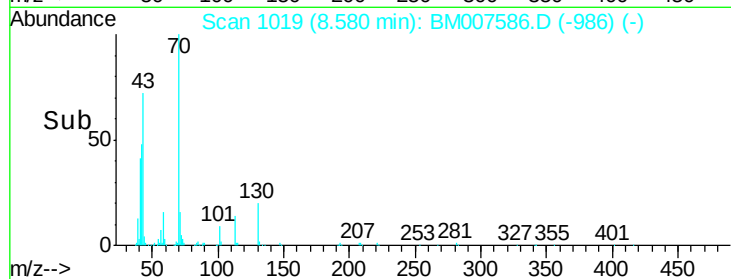
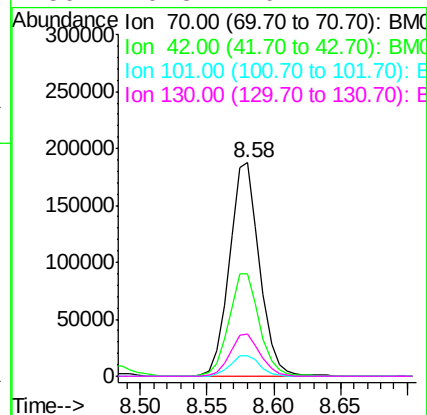
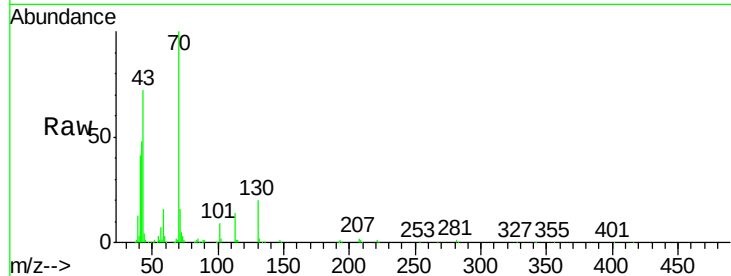




#15
N-Nitroso-di-n-propylamine
Concen: 24.41 ng/ul
RT: 8.58 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BM007586.D
Acq: 27 Sep 2016 00:07

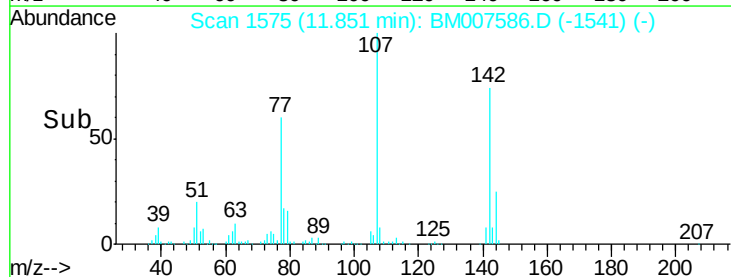
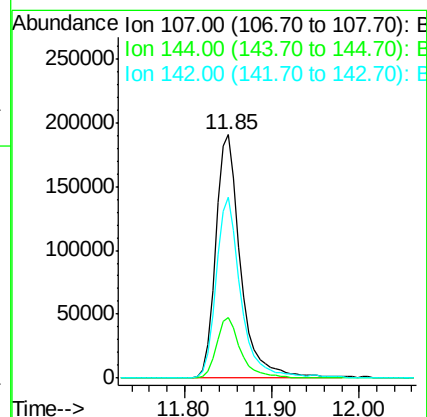
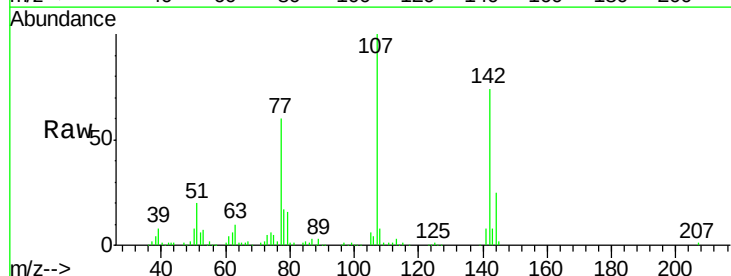
Instrument :
BNA_M
ClientSampleId :
E43T1MSD

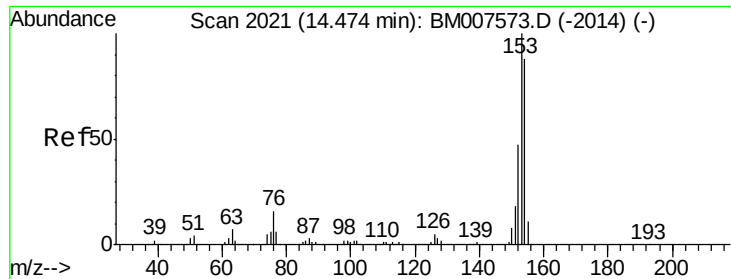
Tgt Ion:	70	Resp:	295456
Ion	Ratio	Lower	Upper
70	100		
42	47.7	43.4	65.2
101	9.5	7.8	11.6
130	19.8	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 20.38 ng/ul
RT: 11.85 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BM007586.D
Acq: 27 Sep 2016 00:07

Tgt Ion:	107	Resp:	376749
Ion	Ratio	Lower	Upper
107	100		
144	24.8	21.1	31.7
142	74.1	64.1	96.1





#49

Acenaphthene

Concen: 24.53 ng/ul

RT: 14.47 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BM007586.D

Acq: 27 Sep 2016 00:07

Instrument :

BNA_M

ClientSampleId :

E43T1MSD

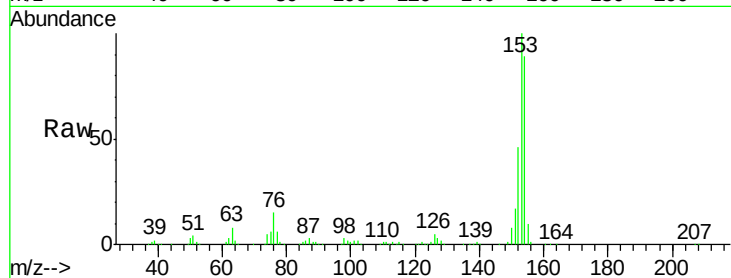
Tgt Ion:153 Resp: 1056233

Ion Ratio Lower Upper

153 100

152 46.4 37.8 56.6

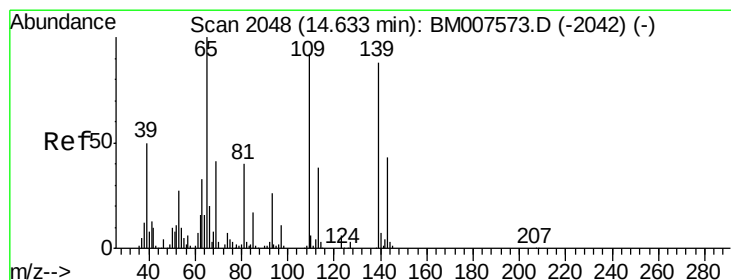
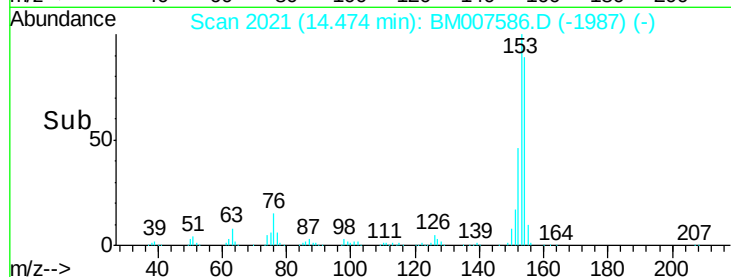
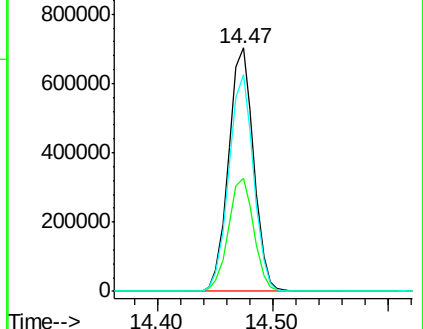
154 89.1 71.4 107.0



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: 4.17 ng/ul

RT: 14.64 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BM007586.D

Acq: 27 Sep 2016 00:07

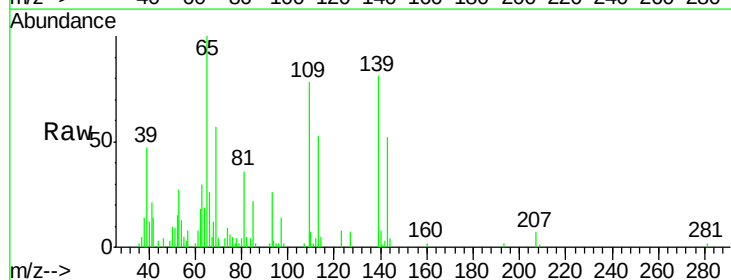
Tgt Ion:109 Resp: 41683

Ion Ratio Lower Upper

109 100

139 103.7 88.7 133.1

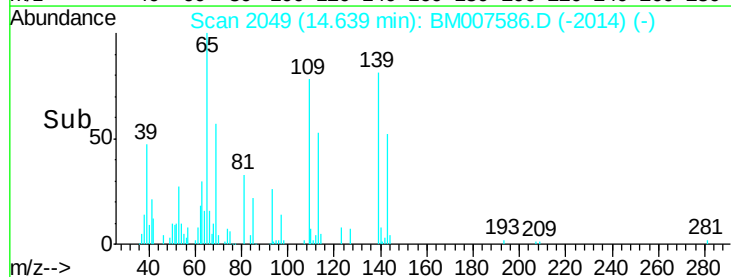
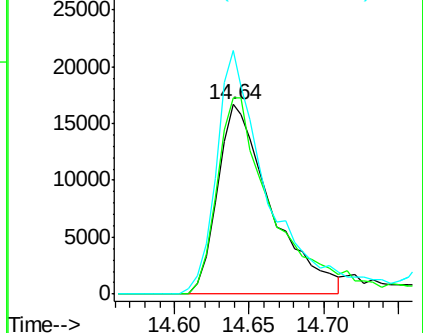
65 128.3 96.4 144.6

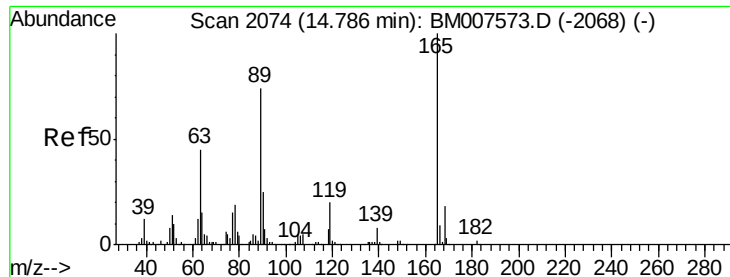


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

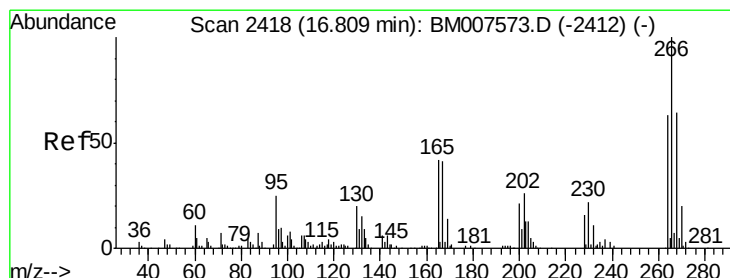
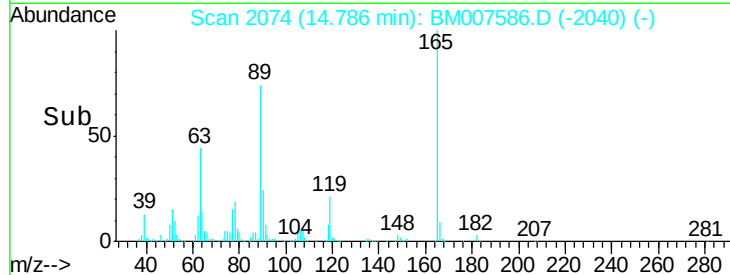
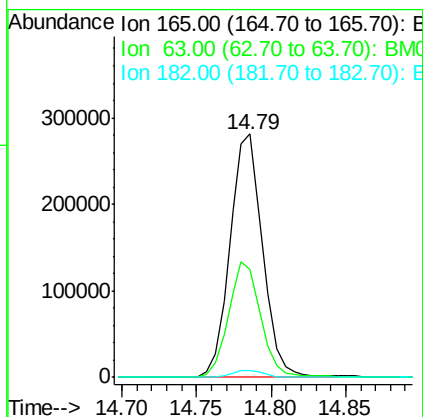
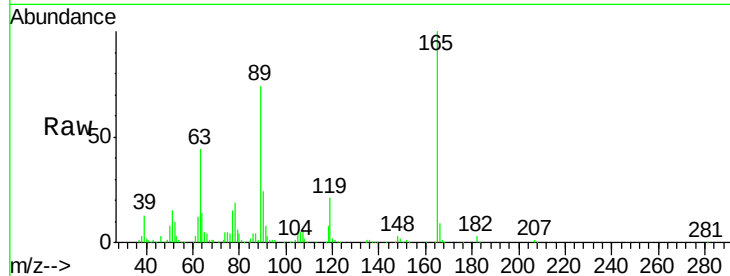




#54
 2,4-Dinitrotoluene
 Concen: 26.64 ng/ul
 RT: 14.79 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BM007586.D
 Acq: 27 Sep 2016 00:07

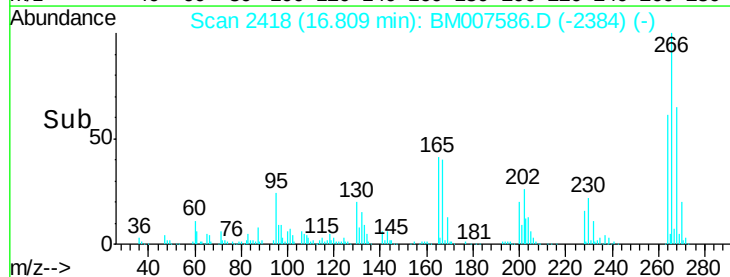
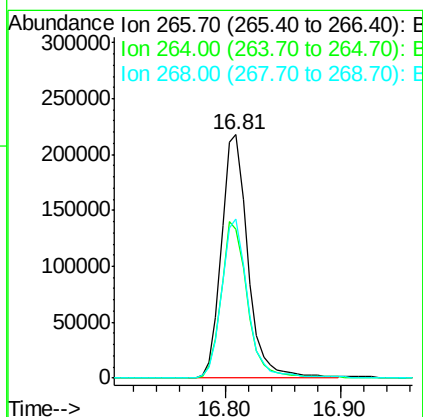
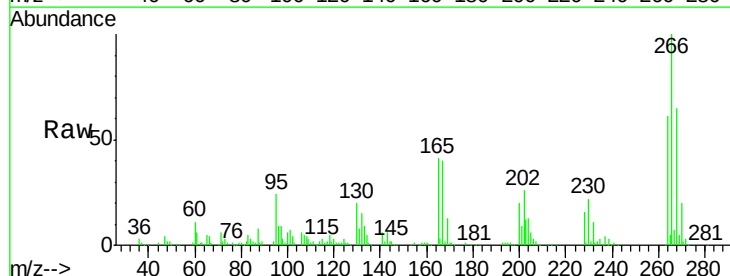
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 BNA_M
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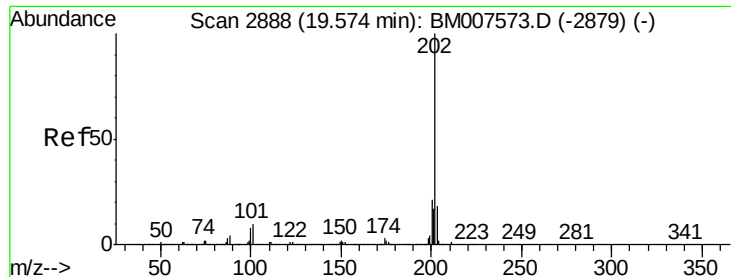
Tgt Ion:165 Resp: 429571
 Ion Ratio Lower Upper
 165 100
 63 44.1 36.2 54.2
 182 2.8 2.2 3.4



#68
 Pentachlorophenol
 Concen: 25.86 ng/ul
 RT: 16.81 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BM007586.D
 Acq: 27 Sep 2016 00:07

Tgt Ion:266 Resp: 346720
 Ion Ratio Lower Upper
 266 100
 264 61.3 50.6 75.8
 268 65.4 51.0 76.6





#77

Pyrene

Concen: 27.48 ng/ul

RT: 19.57 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BM007586.D

Acq: 27 Sep 2016 00:07

Instrument :

BNA_M

ClientSampleId :

E43T1MSD

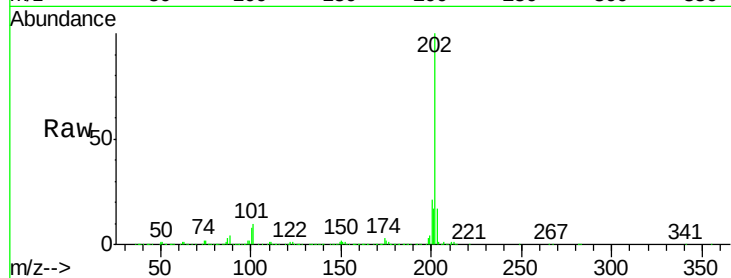
Tgt Ion: 202 Resp: 3466306

Ion Ratio Lower Upper

202 100

101 9.7 8.4 12.6

100 8.3 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

