

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092316\
 Data File : BM007533.D
 Acq On : 23 Sep 2016 21:01
 Operator : UM/SJ
 Sample : H4855-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H9005MS

Quant Time: Sep 24 02:24:54 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 24 02:24:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	267589	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1287446	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	895233	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	2370301	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	3402275	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	3536877	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	5564	1.02	ng/uL	0.00
5) Phenol-d5	6.96	99	122128	5.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	301839	23.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	333496	19.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	242379	11.96	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	227997	24.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	265091	25.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	445615	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	72314	3.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1871503	28.74	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2113974	27.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	68107	5.93	ng/ul	0.00
57) Fluorene-d10	15.41	176	1597073	27.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	357605	24.72	ng/ul	0.00
70) Anthracene-d10	17.26	188	2695748	24.75	ng/ul	0.00
76) Pyrene-d10	19.56	212	3504998	25.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	3986074	25.47	ng/ul	0.00

Target Compounds

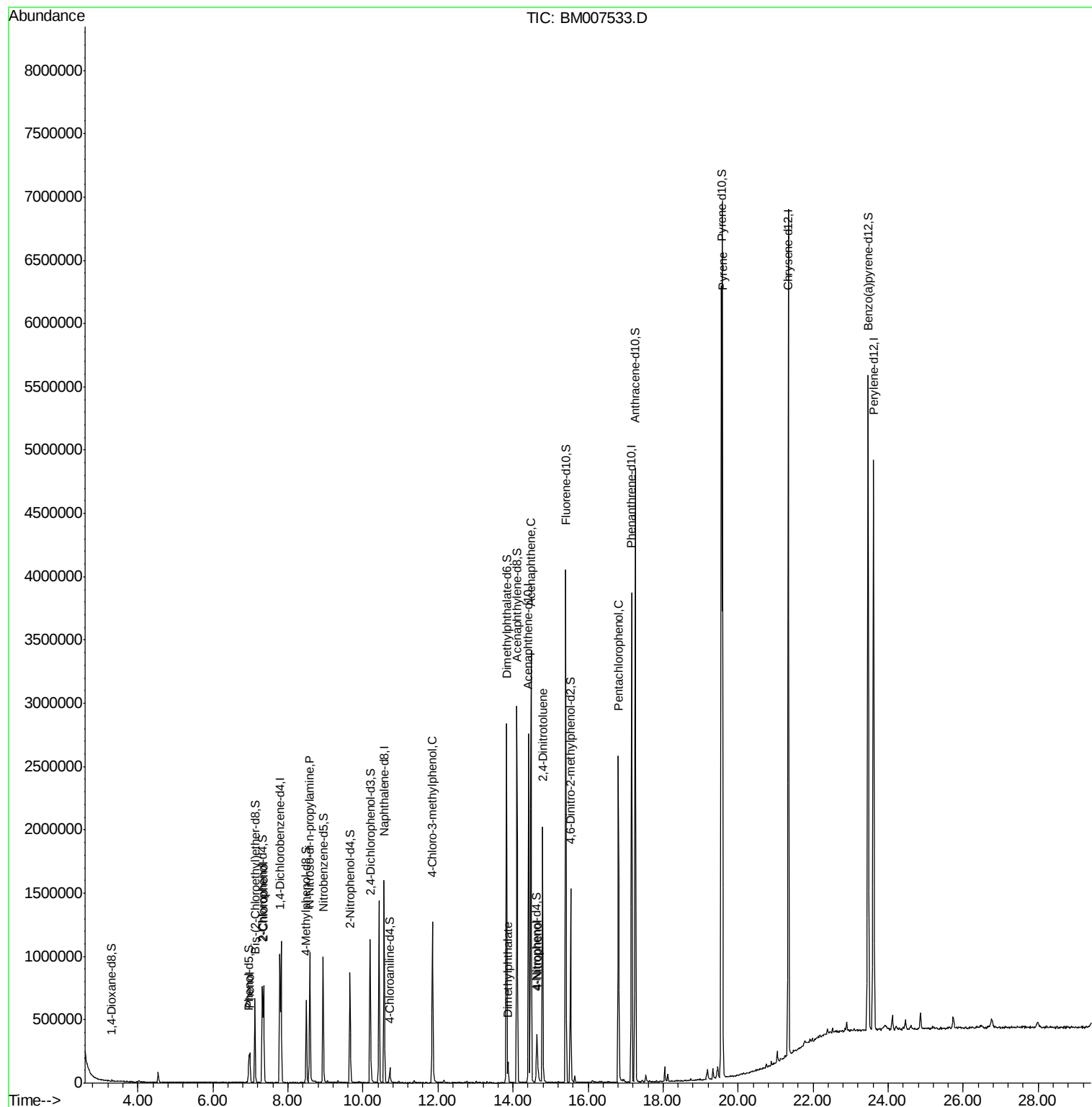
						Qvalue
6) Phenol	6.98	94	125209	5.20	ng/ul	95
10) 2-Chlorophenol	7.35	128	323929	18.73	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	399946	25.51	ng/ul	93
33) 4-Chloro-3-methylphenol	11.85	107	495421	19.82	ng/ul	91
44) Dimethylphthalate	13.87	163	99226	1.57	ng/ul	98
49) Acenaphthene	14.48	153	1380436	26.76	ng/ul	100
52) 4-Nitrophenol	14.64	109	71228	5.95	ng/ul	91
54) 2,4-Dinitrotoluene	14.79	165	566872	29.34	ng/ul	98
68) Pentachlorophenol	16.81	266	464087	25.47	ng/ul	98
77) Pyrene	19.59	202	4250975	25.47	ng/ul	96

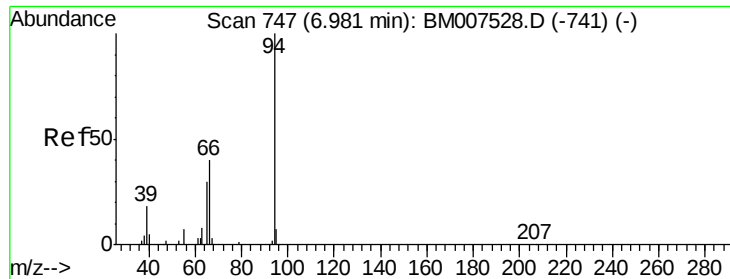
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 24 02:24:23 2016
Response via : Initial Calibration





#6

Phenol

Concen: 5.20 ng/ul

RT: 6.98 min Scan# 747

Delta R.T. -0.00 min

Lab File: BM007533.D

Acq: 23 Sep 2016 21:01

Instrument :

BNA_M

ClientSampleId :

H9005MS

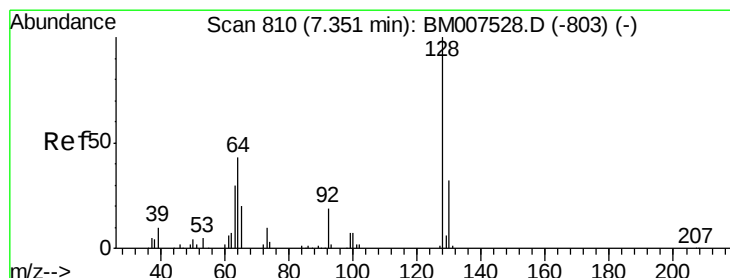
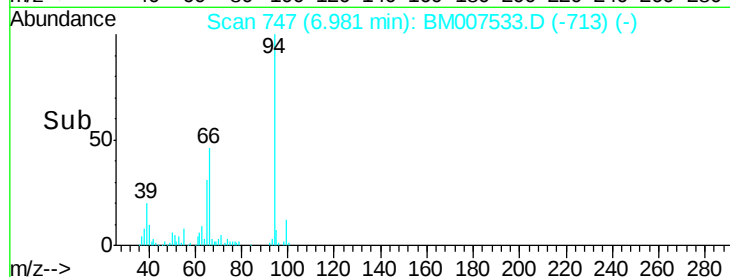
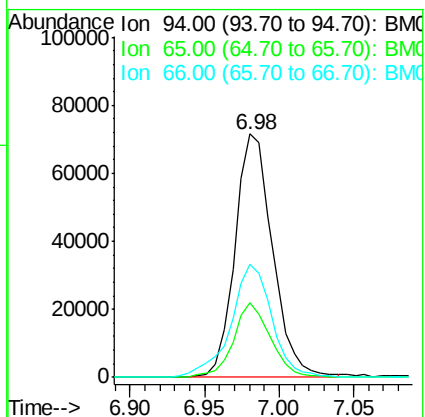
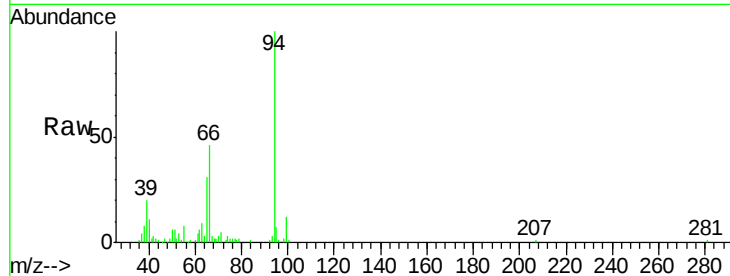
Tgt Ion: 94 Resp: 125209

Ion Ratio Lower Upper

94 100

65 30.5 23.9 35.9

66 46.3 33.5 50.3



#10

2-Chlorophenol

Concen: 18.73 ng/ul

RT: 7.35 min Scan# 810

Delta R.T. -0.00 min

Lab File: BM007533.D

Acq: 23 Sep 2016 21:01

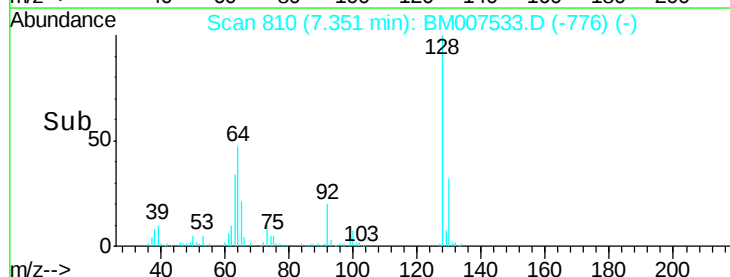
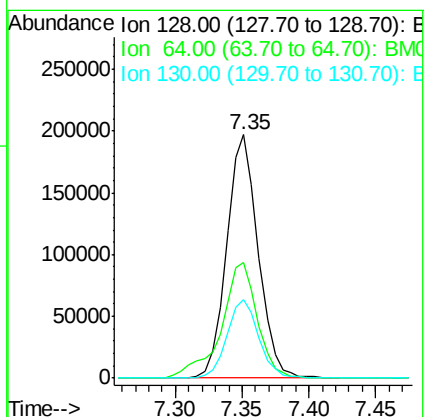
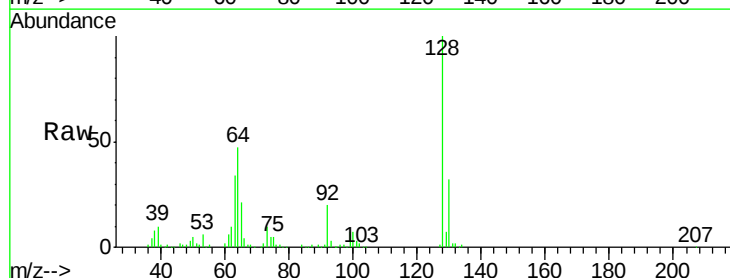
Tgt Ion: 128 Resp: 323929

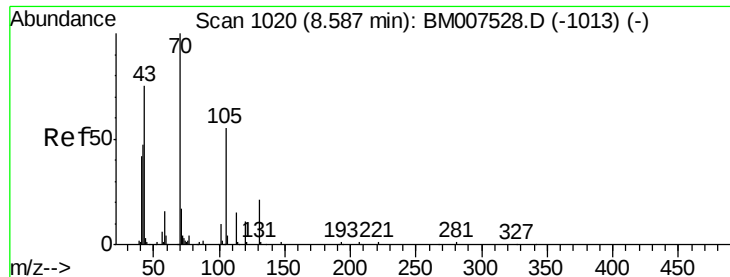
Ion Ratio Lower Upper

128 100

64 47.5 37.5 56.3

130 32.2 25.0 37.4

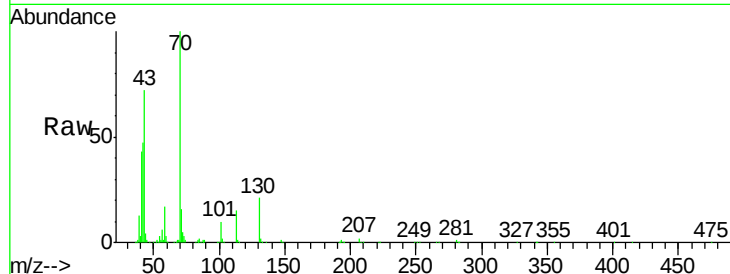




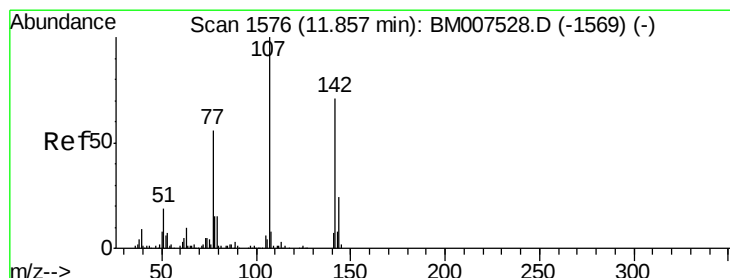
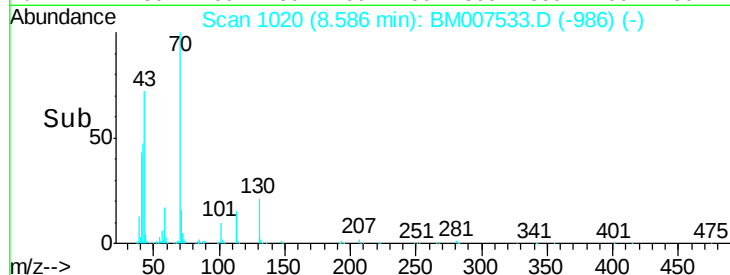
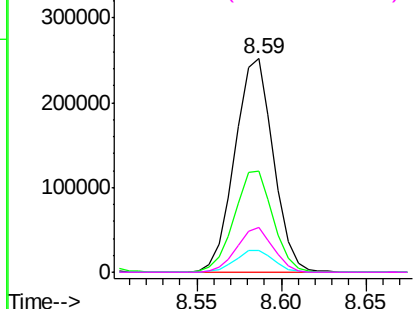
#15
N-Nitroso-di-n-propylamine
Concen: 25.51 ng/ul
RT: 8.59 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BM007533.D
Acq: 23 Sep 2016 21:01

Instrument :
BNA_M
ClientSampleId :
H9005MS

Tgt Ion:	70	Resp:	399946
Ion	Ratio	Lower	Upper
70	100		
42	47.2	43.4	65.2
101	10.1	7.8	11.6
130	21.0	16.2	24.4

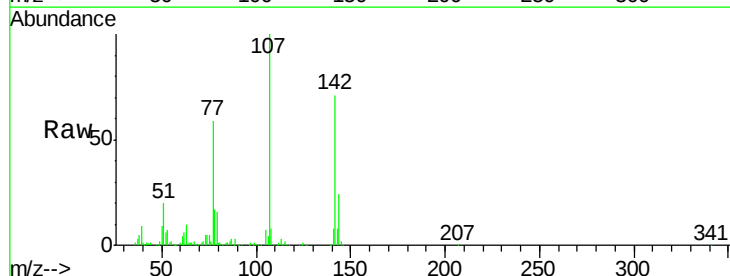


Abundance Ion 70.00 (69.70 to 70.70): BM007528.D (-1013) (-)
Ion 42.00 (41.70 to 42.70): BM007528.D (-1013) (-)
Ion 101.00 (100.70 to 101.70): BM007528.D (-1013) (-)
Ion 130.00 (129.70 to 130.70): BM007528.D (-1013) (-)

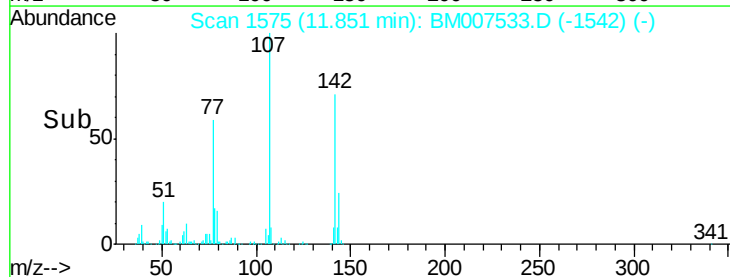
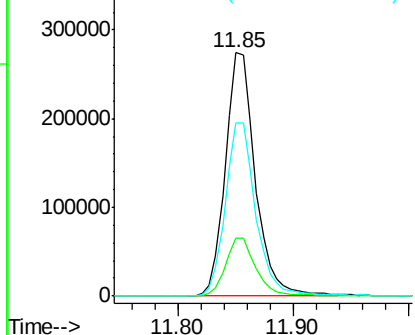


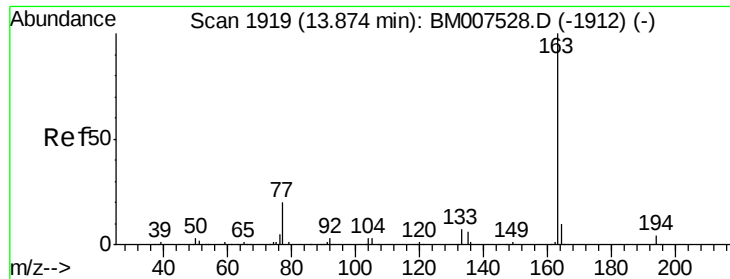
#33
4-Chloro-3-methylphenol
Concen: 19.82 ng/ul
RT: 11.85 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BM007533.D
Acq: 23 Sep 2016 21:01

Tgt Ion:	107	Resp:	495421
Ion	Ratio	Lower	Upper
107	100		
144	23.8	21.1	31.7
142	71.4	64.1	96.1



Abundance Ion 107.00 (106.70 to 107.70): BM007528.D (-1569) (-)
Ion 144.00 (143.70 to 144.70): BM007528.D (-1569) (-)
Ion 142.00 (141.70 to 142.70): BM007528.D (-1569) (-)





#44

Dimethylphthalate

Concen: 1.57 ng/ul

RT: 13.87 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BM007533.D

Acq: 23 Sep 2016 21:01

Instrument :

BNA_M

ClientSampleId :

H9005MS

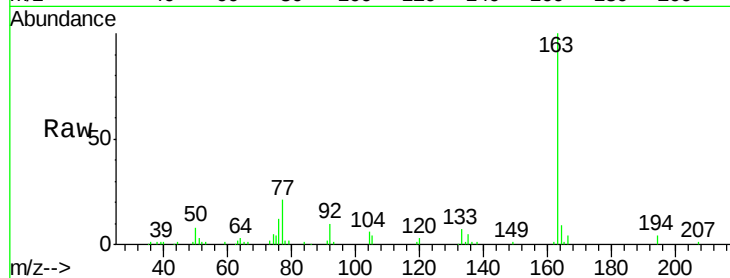
Tgt Ion:163 Resp: 99226

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

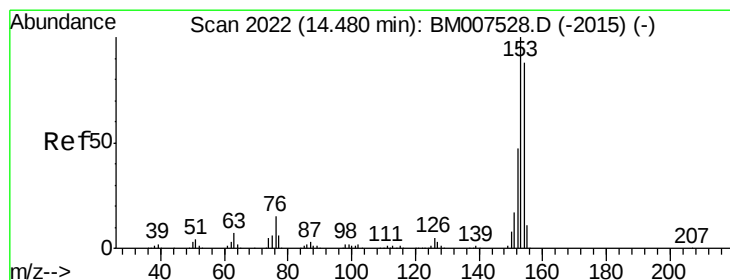
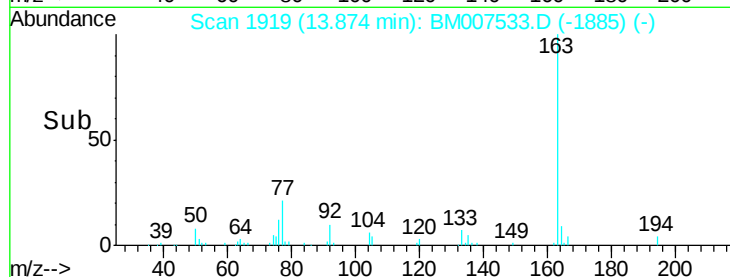
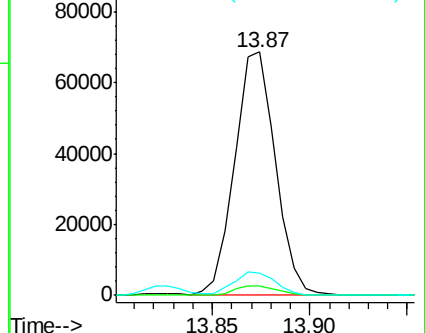
164 9.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 26.76 ng/ul

RT: 14.48 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BM007533.D

Acq: 23 Sep 2016 21:01

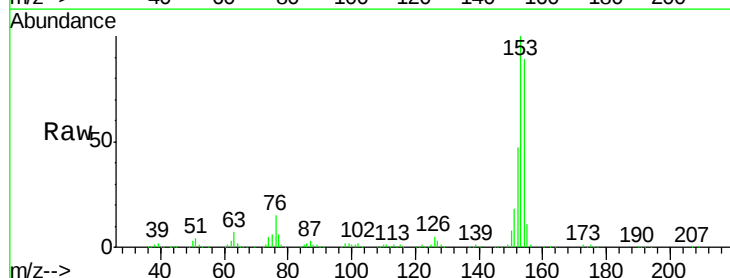
Tgt Ion:153 Resp: 1380436

Ion Ratio Lower Upper

153 100

152 47.0 37.8 56.6

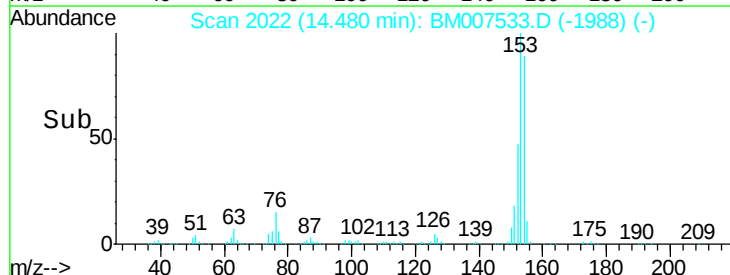
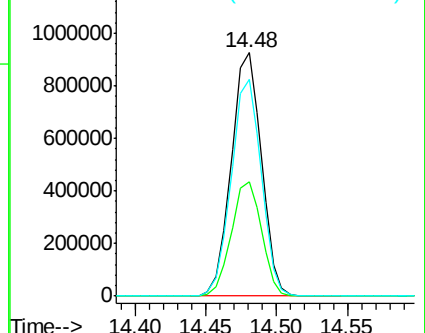
154 89.0 71.4 107.0

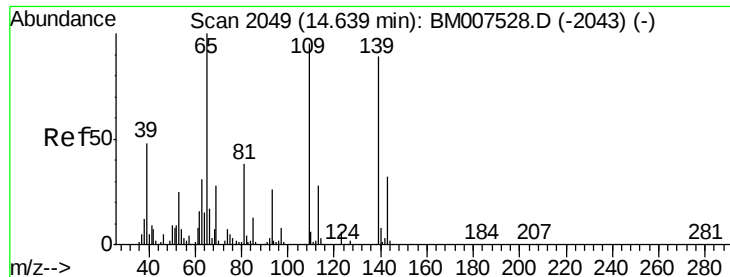


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 5.95 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. 0.01 min

Lab File: BM007533.D

Acq: 23 Sep 2016 21:01

Instrument :

BNA_M

ClientSampleId :

H9005MS

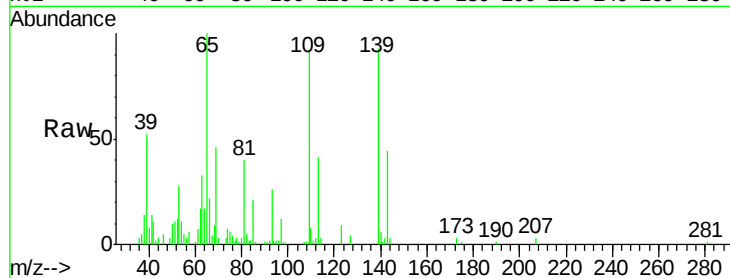
Tgt Ion:109 Resp: 71228

Ion Ratio Lower Upper

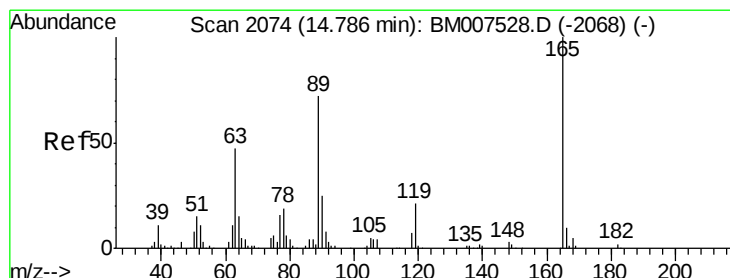
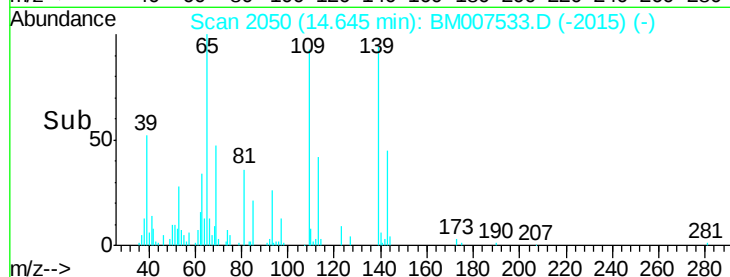
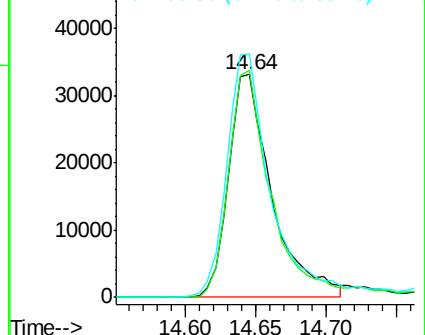
109 100

139 101.6 88.7 133.1

65 109.2 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: 29.34 ng/ul

RT: 14.79 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BM007533.D

Acq: 23 Sep 2016 21:01

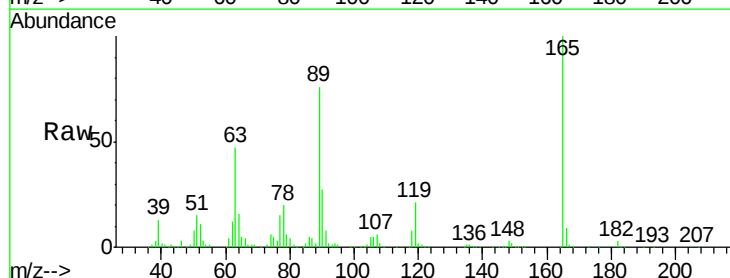
Tgt Ion:165 Resp: 566872

Ion Ratio Lower Upper

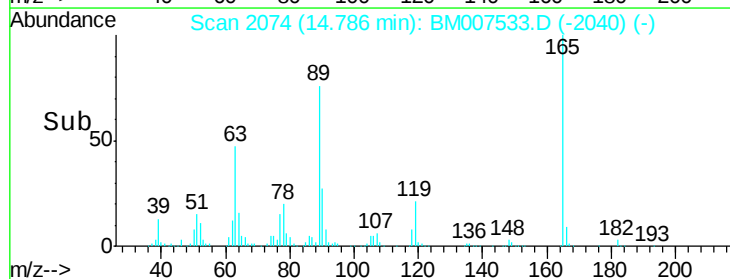
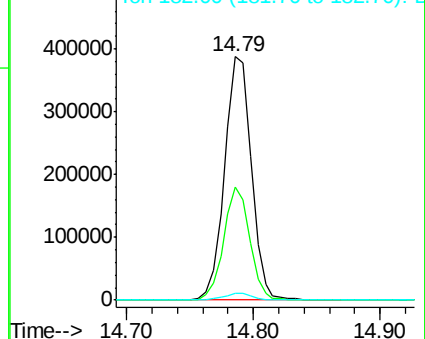
165 100

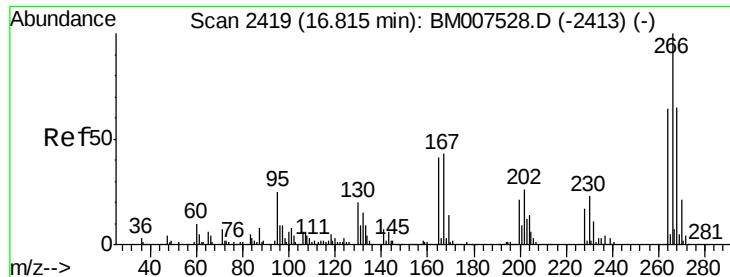
63 46.7 36.2 54.2

182 2.9 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

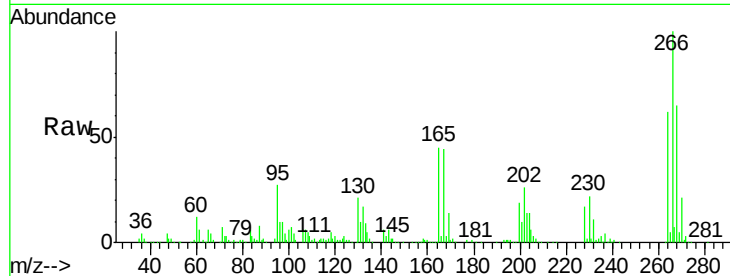




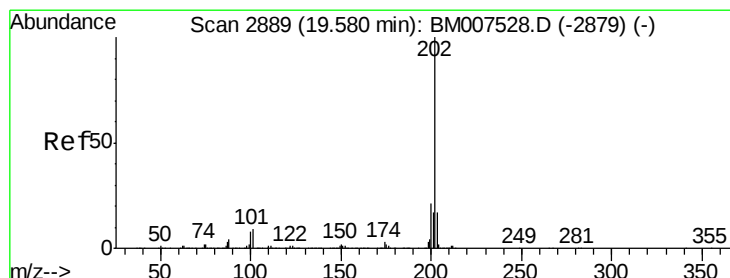
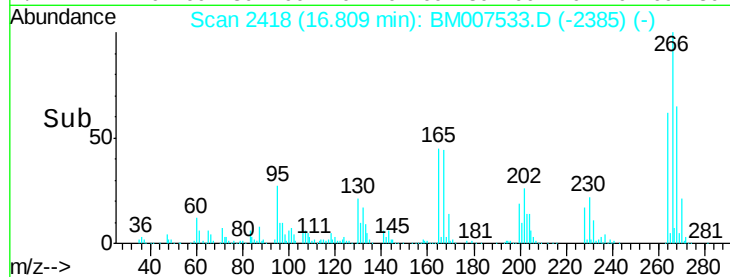
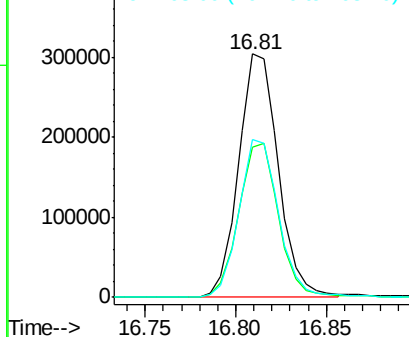
#68
 Pentachlorophenol
 Concen: 25.47 ng/ul
 RT: 16.81 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BM007533.D
 Acq: 23 Sep 2016 21:01

Instrument :
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 H9005MS

Tgt Ion:266 Resp: 464087
 Ion Ratio Lower Upper
 266 100
 264 61.5 50.6 75.8
 268 65.0 51.0 76.6

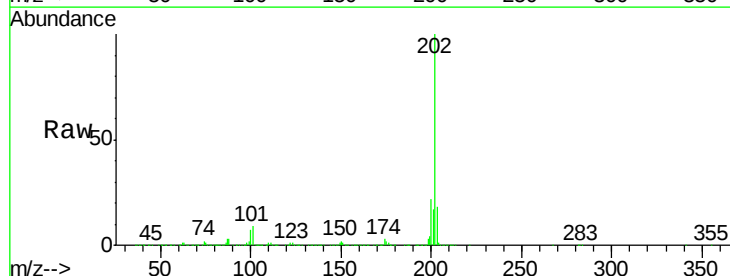


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 25.47 ng/ul
 RT: 19.59 min Scan# 2890
 Delta R.T. 0.01 min
 Lab File: BM007533.D
 Acq: 23 Sep 2016 21:01

Tgt Ion:202 Resp: 4250975
 Ion Ratio Lower Upper
 202 100
 101 9.0 8.4 12.6
 100 7.4 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

