

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081916\
 Data File : BM007228.D
 Acq On : 19 Aug 2016 05:39
 Operator : UM/SJ
 Sample : H4479-11MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 19 09:11:31 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 19 09:10:25 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	295398	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1179824	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	684387	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1652921	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2160592	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2227781	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	32671	4.83	ng/uL	0.00
5) Phenol-d5	6.97	99	657553	27.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	382626	27.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	534869	28.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	536156	27.23	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	246283	28.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	274019	29.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	537495	28.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	673735	29.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1682850	29.76	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2007399	29.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	235140	23.20	ng/ul	0.00
57) Fluorene-d10	15.43	176	1406036	28.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	174600	19.12	ng/ul	0.00
70) Anthracene-d10	17.27	188	2318140	30.27	ng/ul	0.00
76) Pyrene-d10	19.57	212	2835693	31.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	3200217	31.41	ng/ul	0.00

Target Compounds

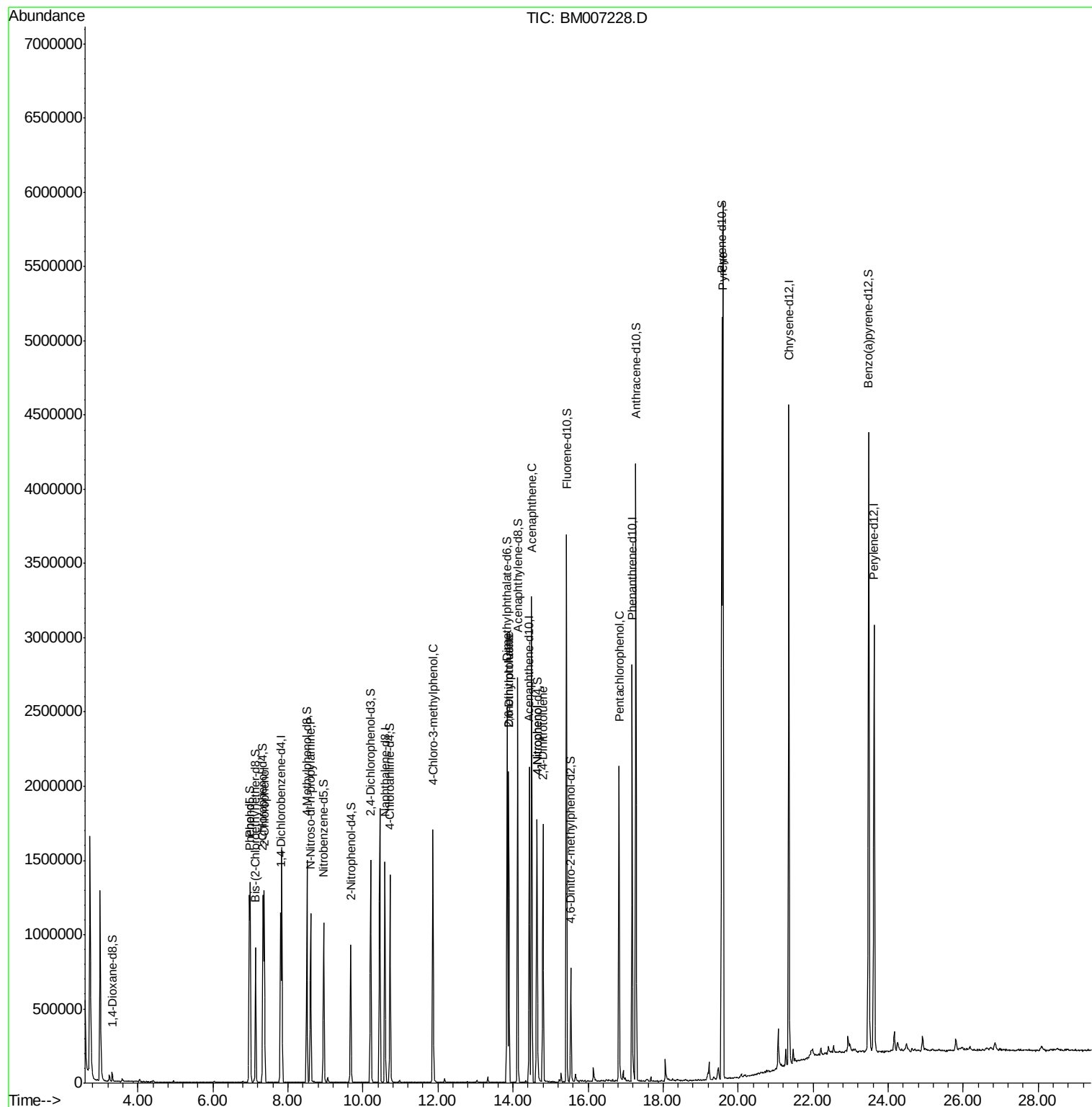
						Ovalue
6) Phenol	6.99	94	673869	26.73	ng/ul	96
10) 2-Chlorophenol	7.37	128	534242	27.40	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.60	70	429161	27.20	ng/ul	96
33) 4-Chloro-3-methylphenol	11.86	107	586032	28.08	ng/ul	95
44) Dimethylphthalate	13.89	163	1288221	22.79	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	13331	1.21	ng/ul#	51
49) Acenaphthene	14.50	153	1312429	28.91	ng/ul	99
52) 4-Nitrophenol	14.64	109	269091	26.12	ng/ul	89
54) 2,4-Dinitrotoluene	14.80	165	485254	29.94	ng/ul	100
68) Pentachlorophenol	16.83	266	370192	28.41	ng/ul	98
77) Pyrene	19.60	202	3495874	29.27	ng/ul	98

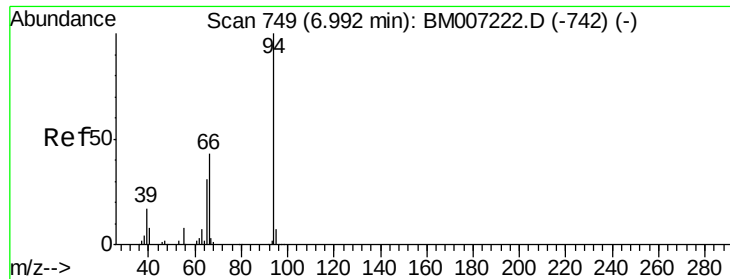
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 26.73 ng/ul

RT: 6.99 min Scan# 749

Delta R.T. 0.00 min

Lab File: BM007228.D

Acq: 19 Aug 2016 05:39

Instrument :

BNA_M

ClientSampled :

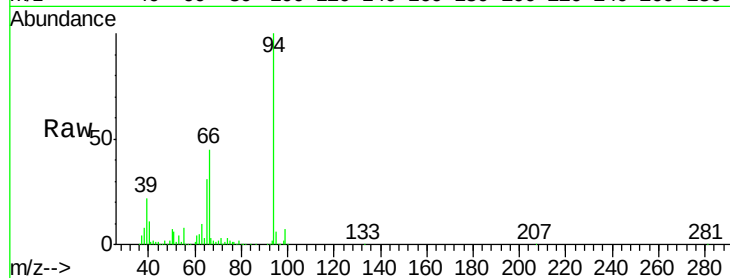
Tot Ion: 94 Resp: 673869

Ion Ratio Lower Upper

94 100

65 31.1 23.9 35.9

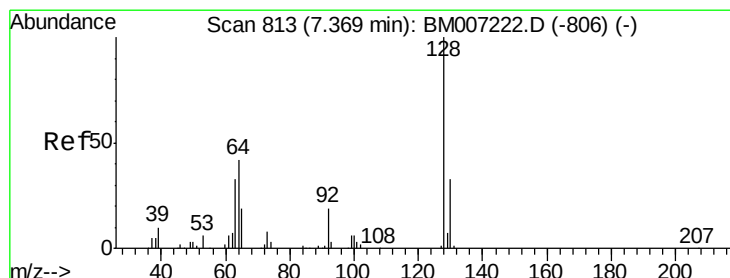
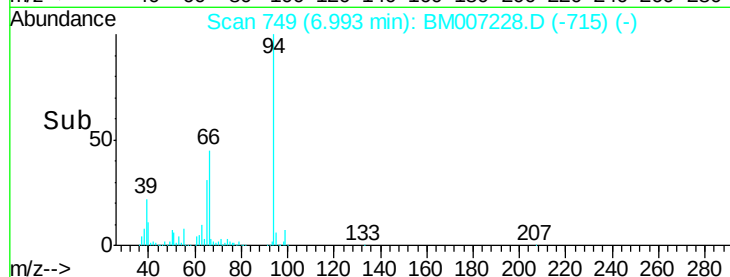
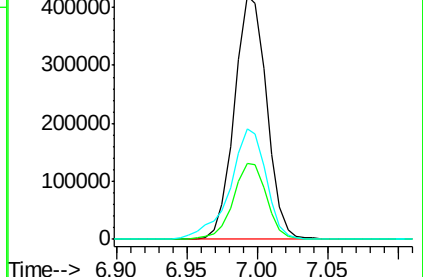
66 45.2 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007222.D (-742) (-)

Ion 65.00 (64.70 to 65.70): BM007222.D (-742) (-)

Ion 66.00 (65.70 to 66.70): BM007222.D (-742) (-)



#10

2-Chlorophenol

Concen: 27.40 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. 0.00 min

Lab File: BM007228.D

Acq: 19 Aug 2016 05:39

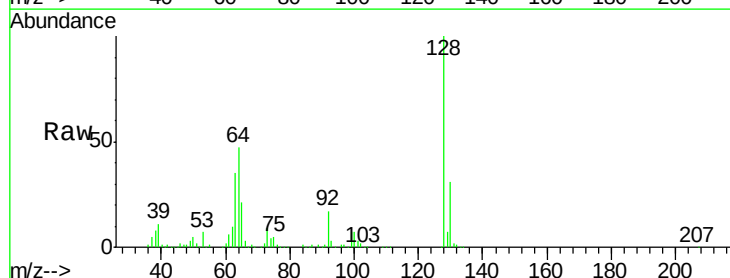
Tgt Ion: 128 Resp: 534242

Ion Ratio Lower Upper

128 100

64 46.6 37.5 56.3

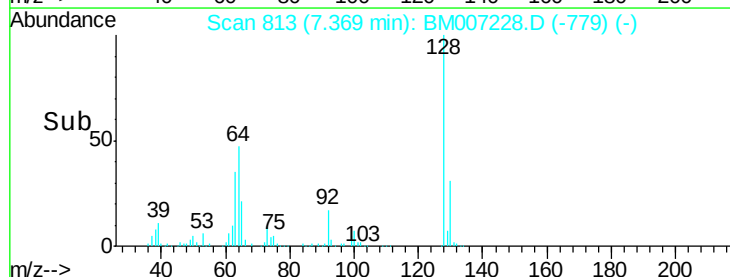
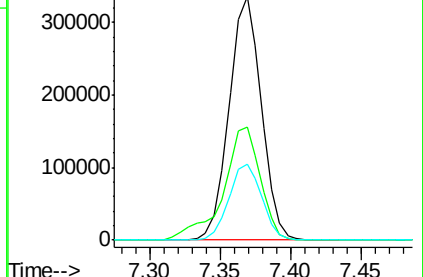
130 31.4 25.0 37.4

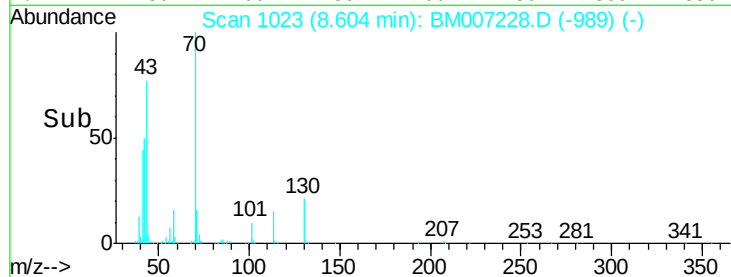
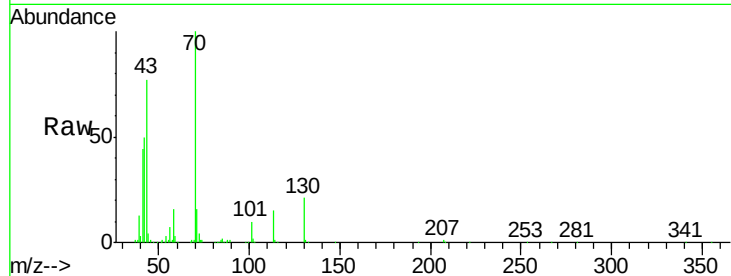
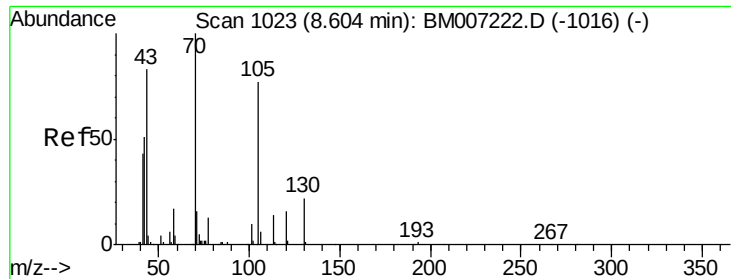


Abundance Ion 128.00 (127.70 to 128.70): BM007222.D (-806) (-)

Ion 64.00 (63.70 to 64.70): BM007222.D (-806) (-)

Ion 130.00 (129.70 to 130.70): BM007222.D (-806) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 27.20 ng/ul

RT: 8.60 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BM007228.D

Acq: 19 Aug 2016 05:39

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 429161

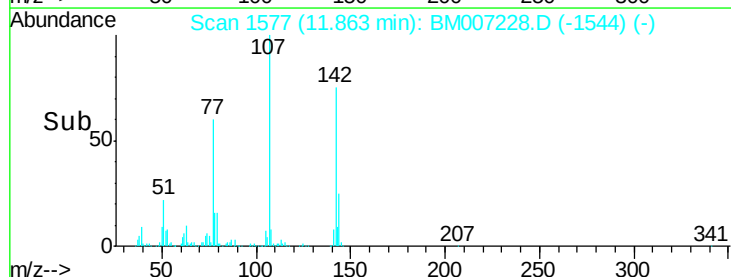
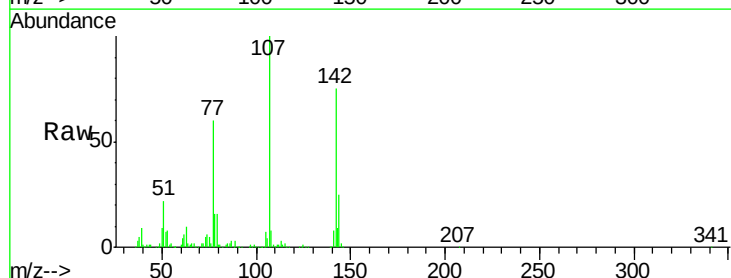
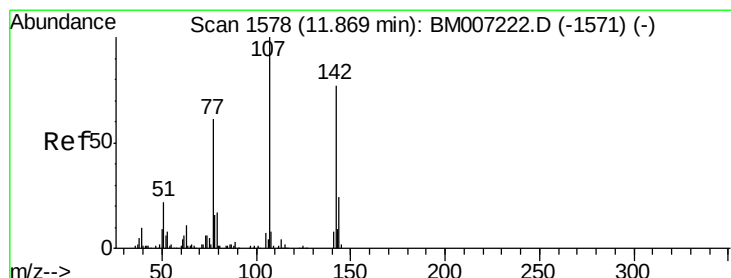
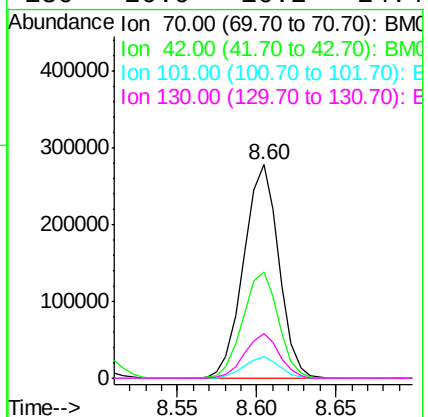
Ion Ratio Lower Upper

70 100

42 50.0 43.4 65.2

101 10.1 7.8 11.6

130 20.9 16.2 24.4



#33

4-Chloro-3-methylphenol

Concen: 28.08 ng/ul

RT: 11.86 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BM007228.D

Acq: 19 Aug 2016 05:39

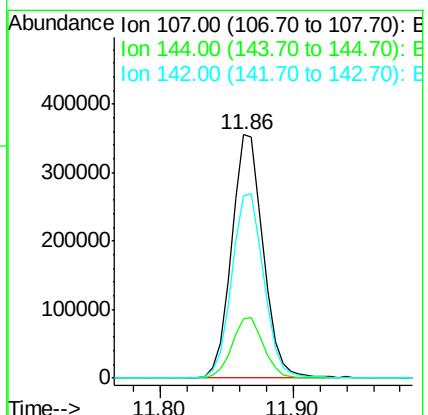
Tgt Ion: 107 Resp: 586032

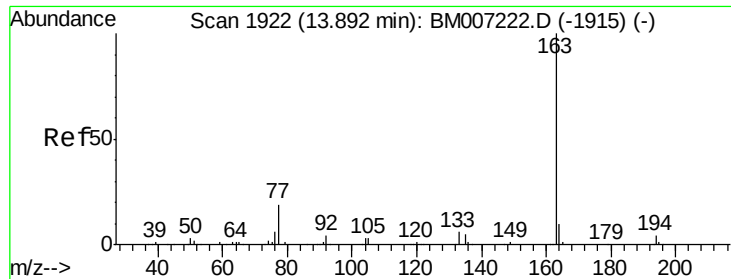
Ion Ratio Lower Upper

107 100

144 24.6 21.1 31.7

142 74.7 64.1 96.1





#44

Dimethylphthalate

Concen: 22.79 ng/ul

RT: 13.89 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM007228.D

Acq: 19 Aug 2016 05:39

Instrument :

BNA_M

ClientSampleId :

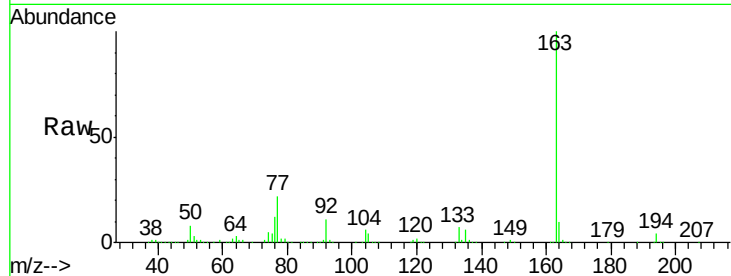
Tot Ion:163 Resp: 1288221

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

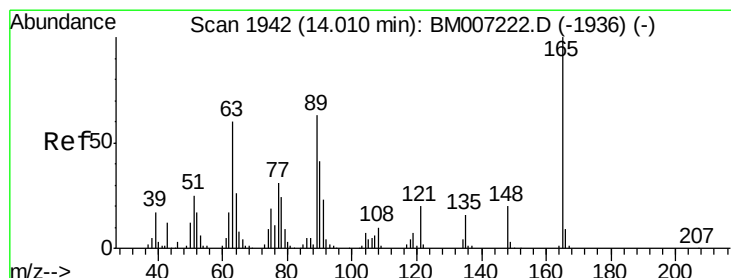
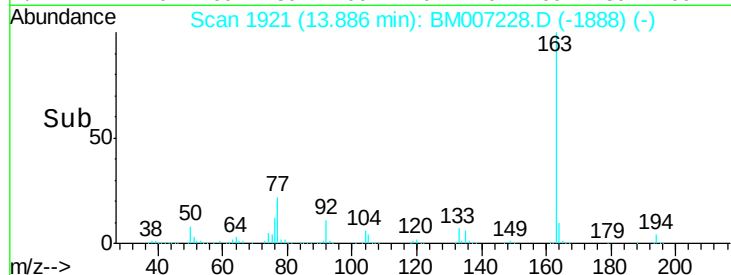
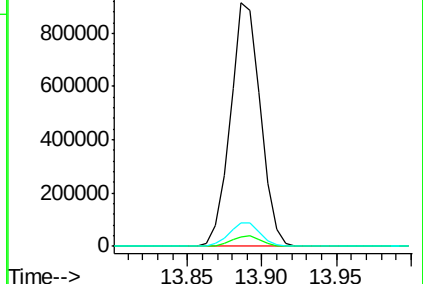
164 9.9 7.8 11.8



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



#45

2,6-Dinitrotoluene

Concen: 1.21 ng/ul

RT: 13.89 min Scan# 1921

Delta R.T. -0.12 min

Lab File: BM007228.D

Acq: 19 Aug 2016 05:39

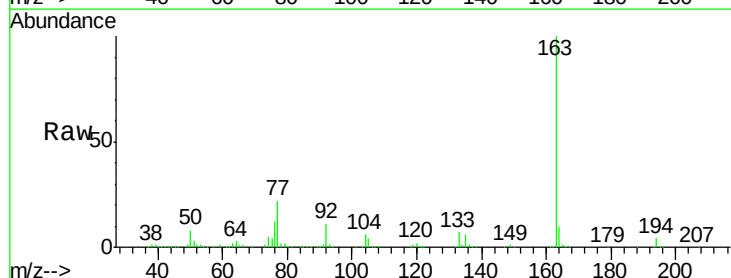
Tgt Ion:165 Resp: 13331

Ion Ratio Lower Upper

165 100

89 16.2 46.6 69.8#

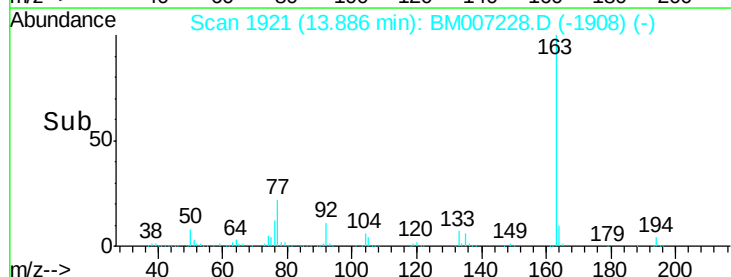
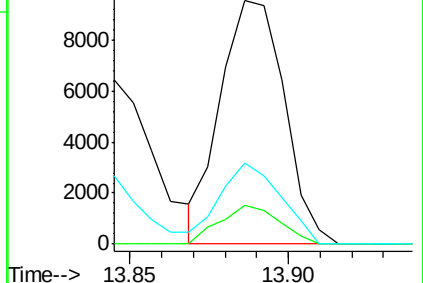
121 33.1 16.0 24.0#

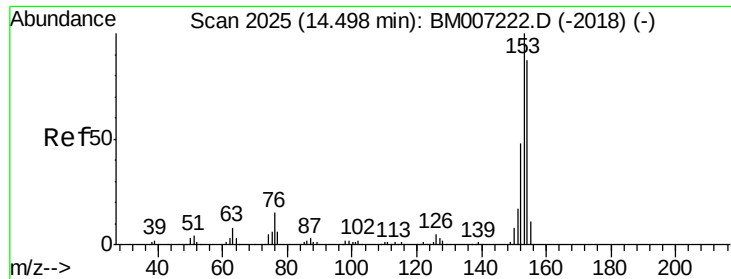


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#49

Acenaphthene

Concen: 28.91 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BM007228.D

Acq: 19 Aug 2016 05:39

Instrument :

BNA_M

ClientSampleId :

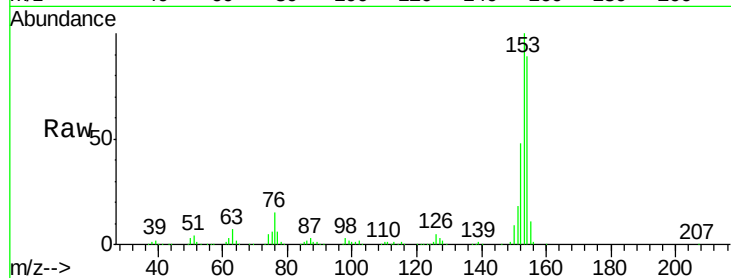
Tot Ion:153 Resp: 1312429

Ion Ratio Lower Upper

153 100

152 48.0 37.8 56.6

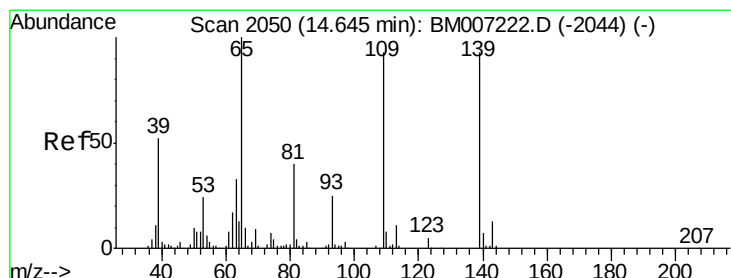
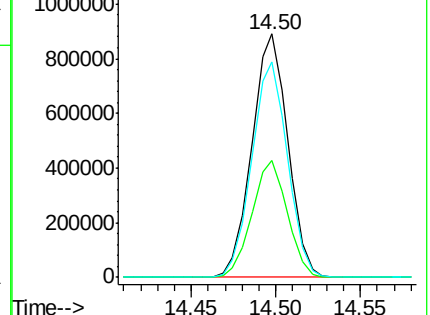
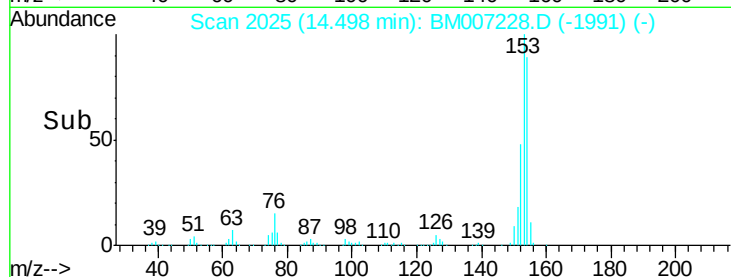
154 88.6 71.4 107.0



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: 26.12 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BM007228.D

Acq: 19 Aug 2016 05:39

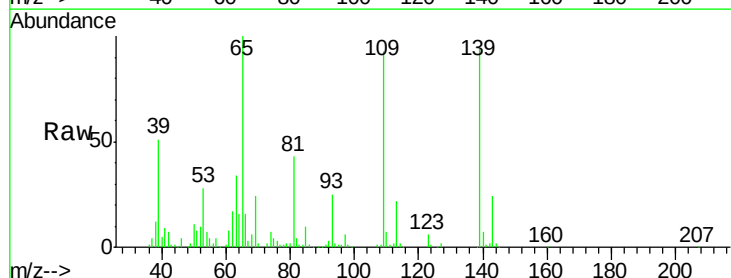
Tgt Ion:109 Resp: 269091

Ion Ratio Lower Upper

109 100

139 100.2 88.7 133.1

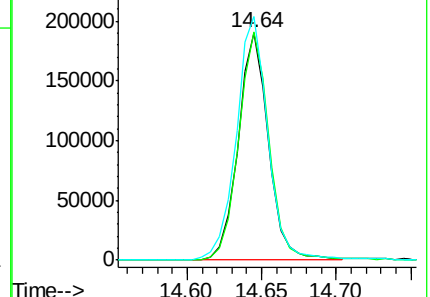
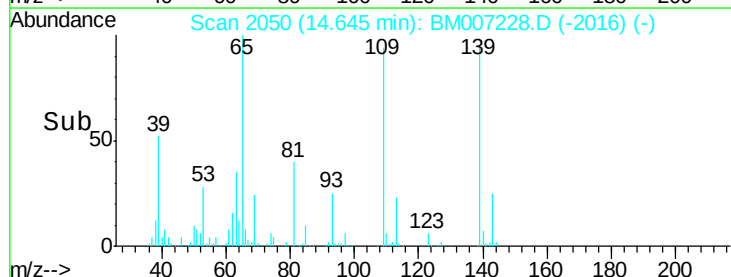
65 107.0 96.4 144.6

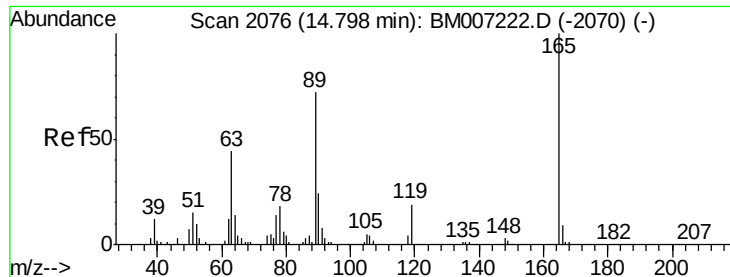


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

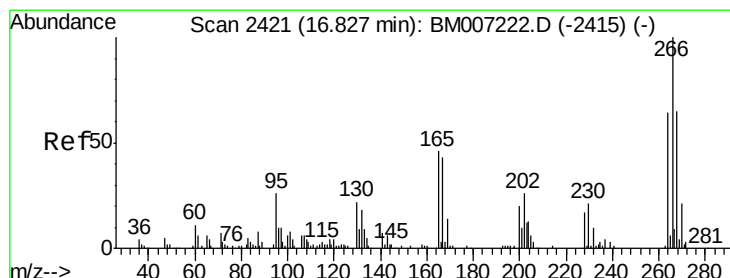
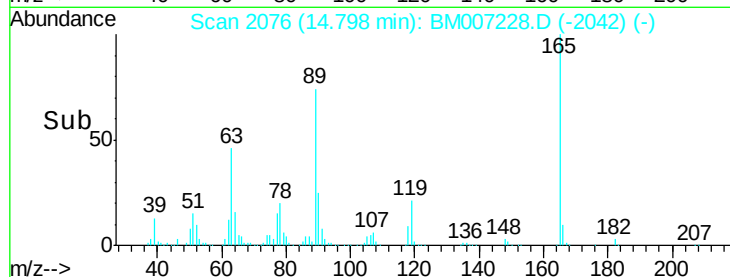
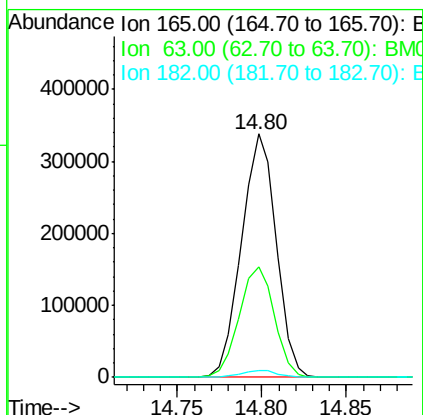
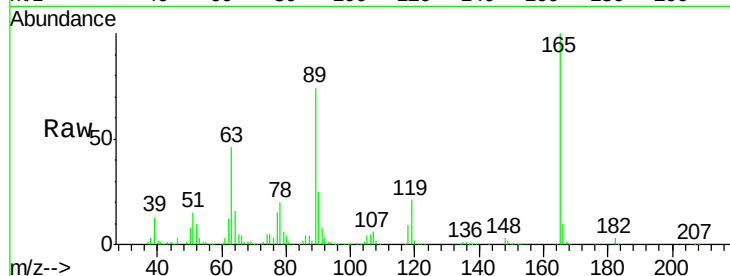




#54
 2,4-Dinitrotoluene
 Concen: 29.94 ng/ul
 RT: 14.80 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BM007228.D
 Acq: 19 Aug 2016 05:39

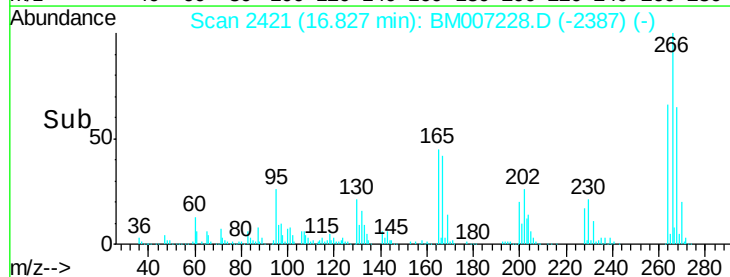
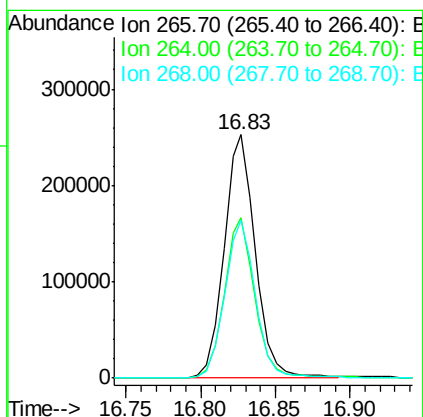
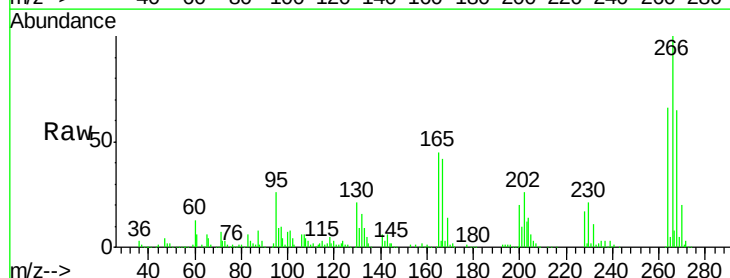
Instrument :
 BNA_M
 ClientSampleId :

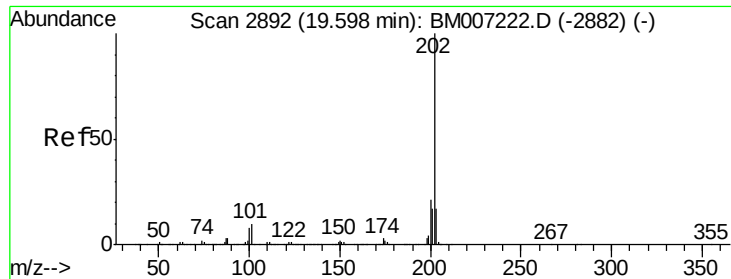
Tot Ion:165 Resp: 485254
 Ion Ratio Lower Upper
 165 100
 63 45.5 36.2 54.2
 182 2.8 2.2 3.4



#68
 Pentachlorophenol
 Concen: 28.41 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BM007228.D
 Acq: 19 Aug 2016 05:39

Tgt Ion:266 Resp: 370192
 Ion Ratio Lower Upper
 266 100
 264 66.0 50.6 75.8
 268 64.7 51.0 76.6

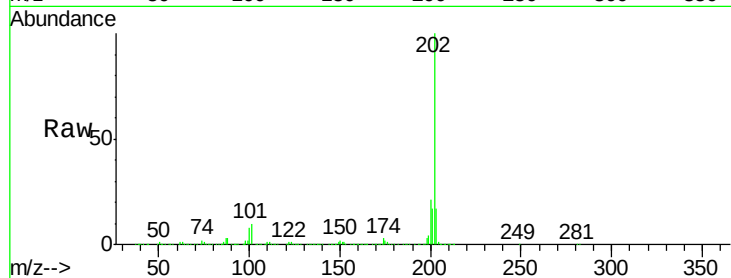




#77
 Pvrene
 Concen: 29.27 ng/ul
 RT: 19.60 min Scan# 2892
 Delta R.T. 0.00 min
 Lab File: BM007228.D
 Acq: 19 Aug 2016 05:39

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.4	12.6
100	7.7	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

