

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007067.D
 Acq On : 13 Aug 2016 13:45
 Operator : UM/SJ
 Sample : H4389-19MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PR002-SS006-2430-01MSD

Quant Time: Aug 15 10:20:36 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 00:47:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	210095	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	826699	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	479656	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1127673	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1466383	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1568750	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	17025	3.54	ng/uL	0.00
5) Phenol-d5	6.97	99	337783	19.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	200245	20.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	271407	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	266747	19.05	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	130590	21.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	142975	22.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	283030	21.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	314768	19.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	927104	23.39	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1099336	23.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	150005	21.12	ng/ul	0.00
57) Fluorene-d10	15.43	176	794812	22.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	125588	20.15	ng/ul	-0.01
70) Anthracene-d10	17.28	188	1295793	24.80	ng/ul	0.00
76) Pyrene-d10	19.57	212	1592726	25.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	1855630	25.86	ng/ul	0.00

Target Compounds

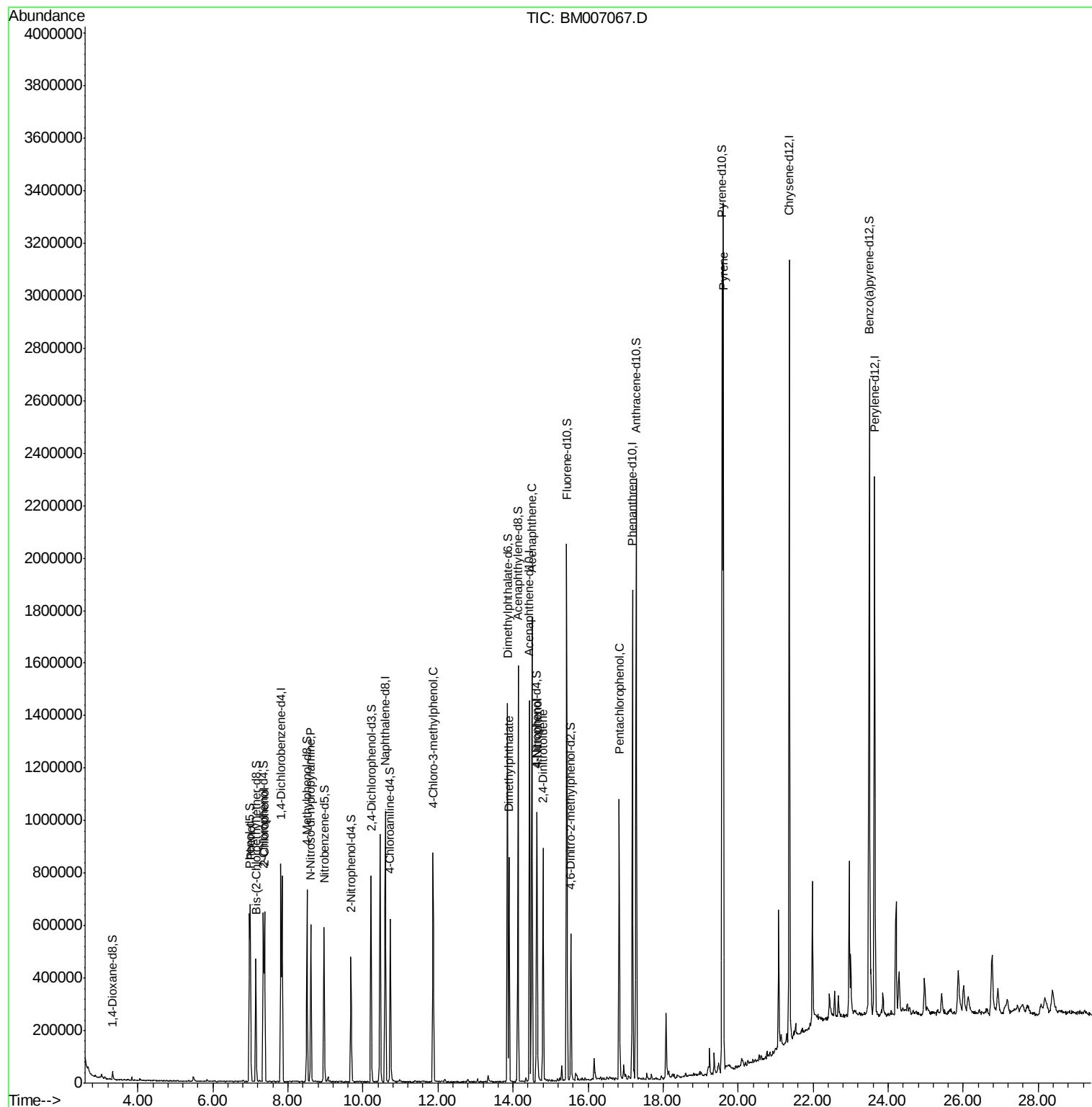
						Qvalue
6) Phenol	7.00	94	341428	19.05	ng/ul	98
10) 2-Chlorophenol	7.37	128	264224	19.06	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.61	70	221988	19.78	ng/ul	97
33) 4-Chloro-3-methylphenol	11.87	107	298168	20.39	ng/ul	95
44) Dimethylphthalate	13.90	163	523835	13.22	ng/ul	100
49) Acenaphthene	14.50	153	704431	22.14	ng/ul	96
52) 4-Nitrophenol	14.65	109	149076	20.65	ng/ul	94
54) 2,4-Dinitrotoluene	14.80	165	249960	22.00	ng/ul	95
68) Pentachlorophenol	16.83	266	196979	22.16	ng/ul	97
77) Pyrene	19.60	202	1992833	24.58	ng/ul	99

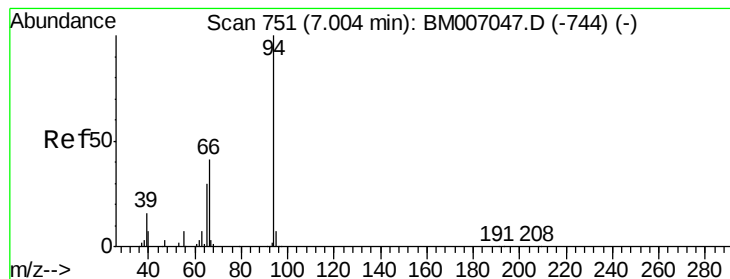
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 00:47:53 2016
Response via : Initial Calibration





#6

Phenol

Concen: 19.05 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. -0.01 min

Lab File: BM007067.D

Acq: 13 Aug 2016 13:45

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-2430-01MSD

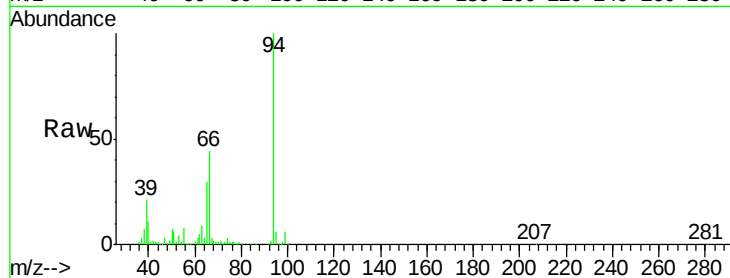
Tgt Ion: 94 Resp: 341428

Ion Ratio Lower Upper

94 100

65 30.2 23.9 35.9

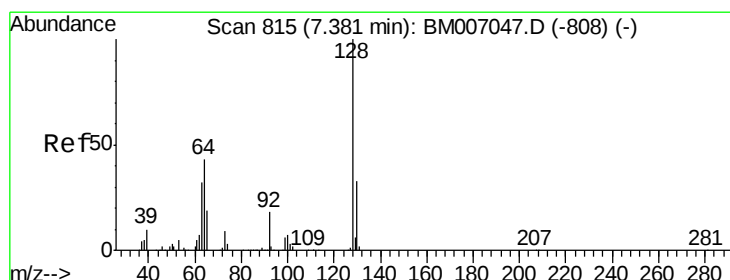
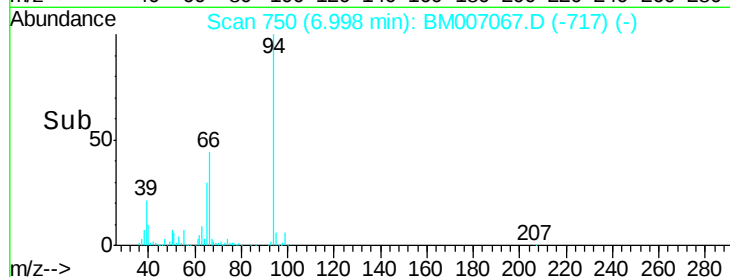
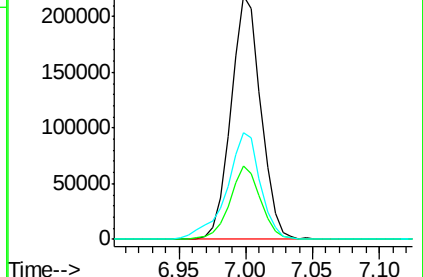
66 43.9 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007047.D (-744) (-)

Ion 65.00 (64.70 to 65.70): BM007047.D (-744) (-)

Ion 66.00 (65.70 to 66.70): BM007047.D (-744) (-)



#10

2-Chlorophenol

Concen: 19.06 ng/ul

RT: 7.37 min Scan# 814

Delta R.T. -0.01 min

Lab File: BM007067.D

Acq: 13 Aug 2016 13:45

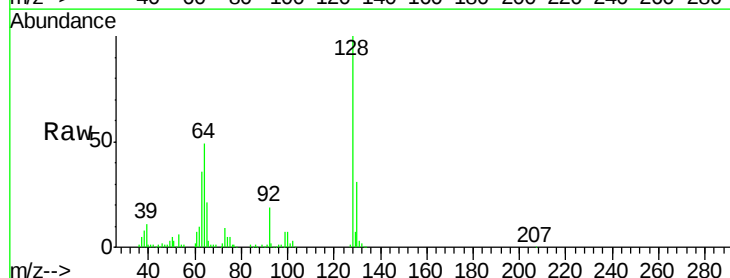
Tgt Ion: 128 Resp: 264224

Ion Ratio Lower Upper

128 100

64 48.5 37.5 56.3

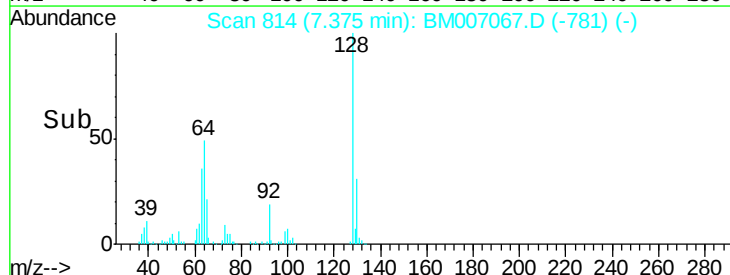
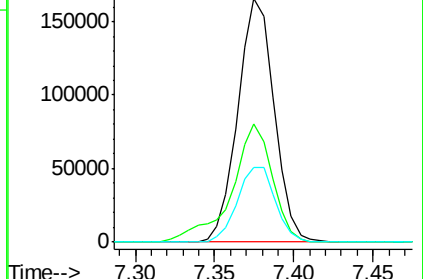
130 30.6 25.0 37.4

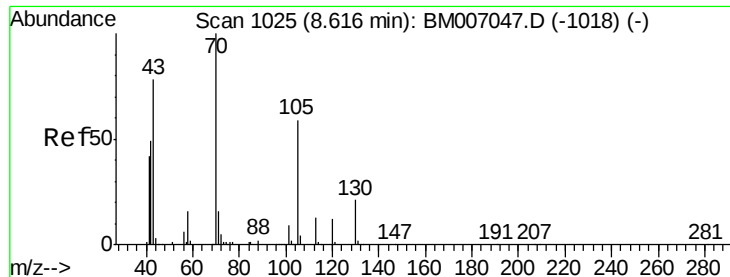


Abundance Ion 128.00 (127.70 to 128.70): BM007047.D (-808) (-)

Ion 64.00 (63.70 to 64.70): BM007047.D (-808) (-)

Ion 130.00 (129.70 to 130.70): BM007047.D (-808) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 19.78 ng/ul

RT: 8.61 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BM007067.D

Acq: 13 Aug 2016 13:45

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-2430-01MSD

Tgt Ion: 70 Resp: 221988

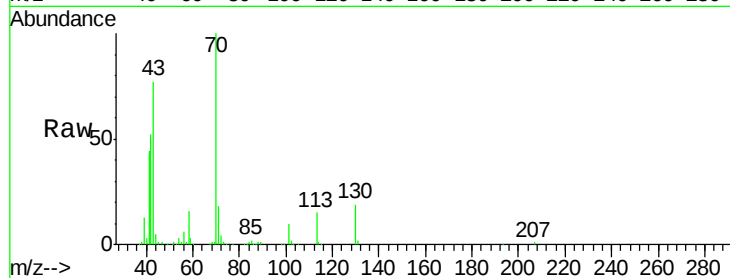
Ion Ratio Lower Upper

70 100

42 51.8 43.4 65.2

101 10.3 7.8 11.6

130 19.3 16.2 24.4



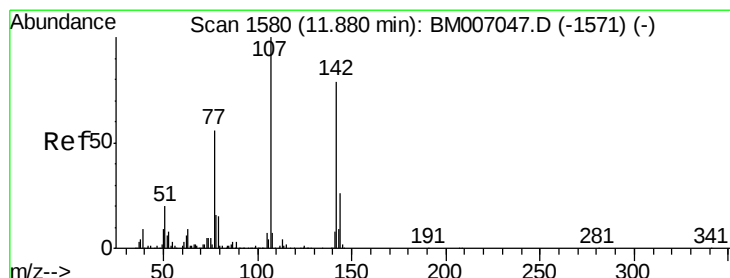
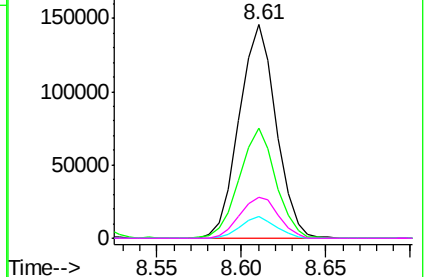
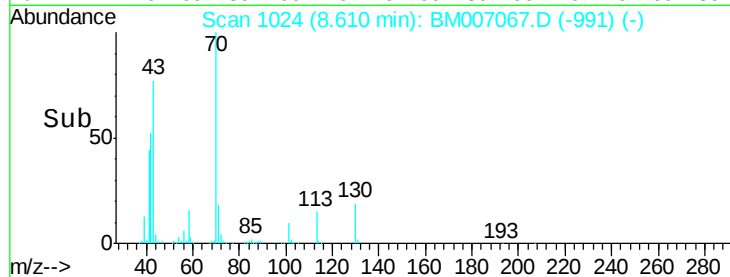
Abundance Ion 70.00 (69.70 to 70.70): BM007047.D (-1018) (-)

Ion 42.00 (41.70 to 42.70): BM007047.D (-1018) (-)

Ion 101.00 (100.70 to 101.70): BM007047.D (-1018) (-)

Ion 130.00 (129.70 to 130.70): BM007047.D (-1018) (-)

Time-->



#33

4-Chloro-3-methylphenol

Concen: 20.39 ng/ul

RT: 11.87 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BM007067.D

Acq: 13 Aug 2016 13:45

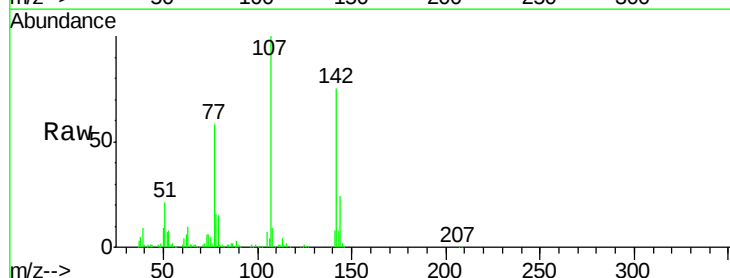
Tgt Ion: 107 Resp: 298168

Ion Ratio Lower Upper

107 100

144 24.2 21.1 31.7

142 75.3 64.1 96.1

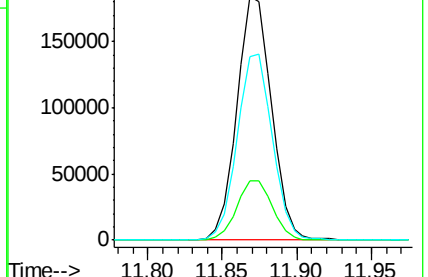
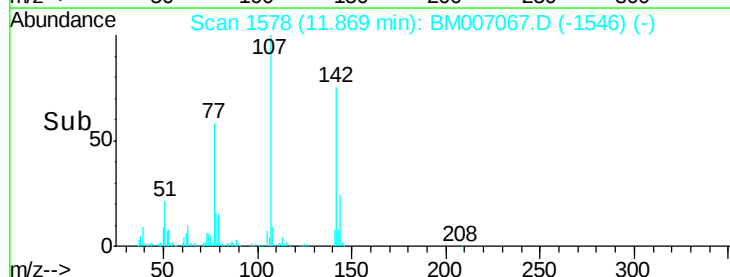


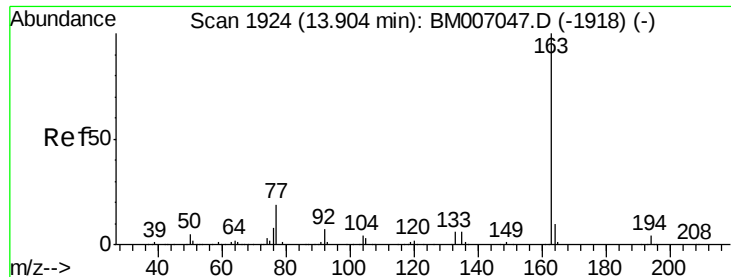
Abundance Ion 107.00 (106.70 to 107.70): BM007047.D (-1571) (-)

Ion 144.00 (143.70 to 144.70): BM007047.D (-1571) (-)

Ion 142.00 (141.70 to 142.70): BM007047.D (-1571) (-)

Time-->





#44

Dimethylphthalate

Concen: 13.22 ng/ul

RT: 13.90 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM007067.D

Acq: 13 Aug 2016 13:45

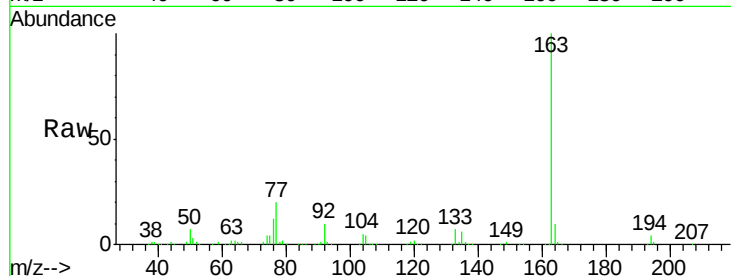
Instrument :

BNA_M

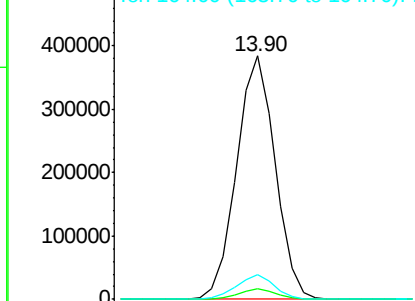
ClientSampleId :

PR002-SS006-2430-01MSD

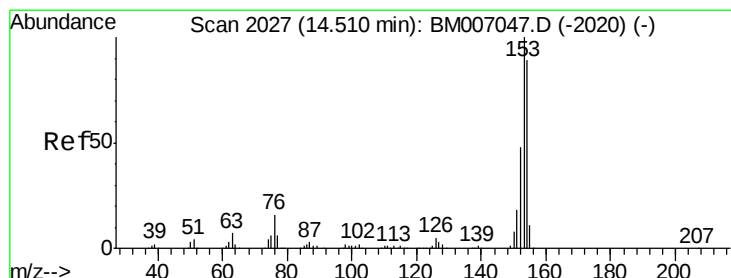
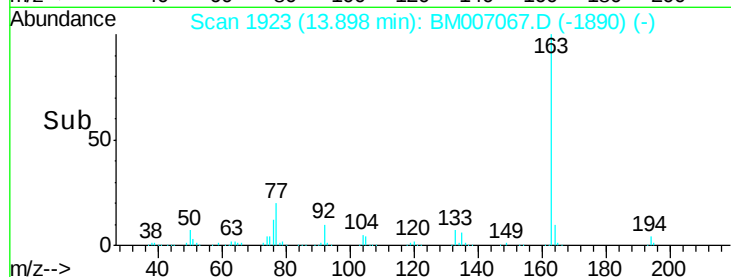
Tgt Ion:163	Resp:	523835
Ion Ratio	Lower	Upper
163	100	
194	4.2	3.4 5.2
164	10.0	7.8 11.8



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



Time-->



#49

Acenaphthene

Concen: 22.14 ng/ul

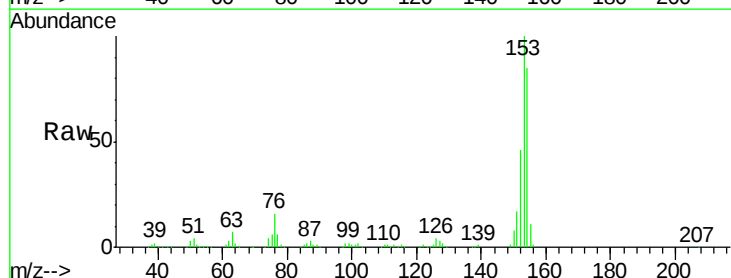
RT: 14.50 min Scan# 2026

Delta R.T. -0.01 min

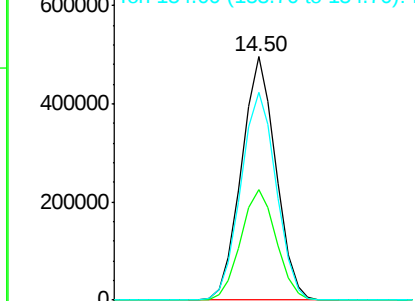
Lab File: BM007067.D

Acq: 13 Aug 2016 13:45

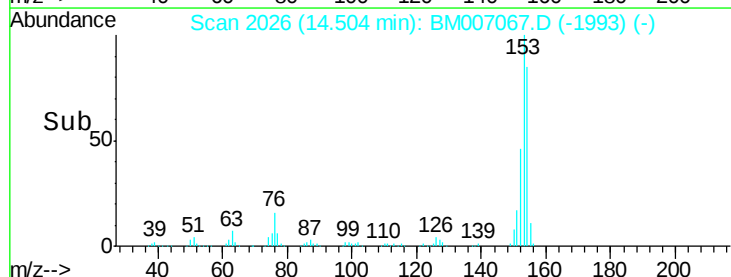
Tgt Ion:153	Resp:	704431
Ion Ratio	Lower	Upper
153	100	
152	45.5	37.8 56.6
154	85.4	71.4 107.0

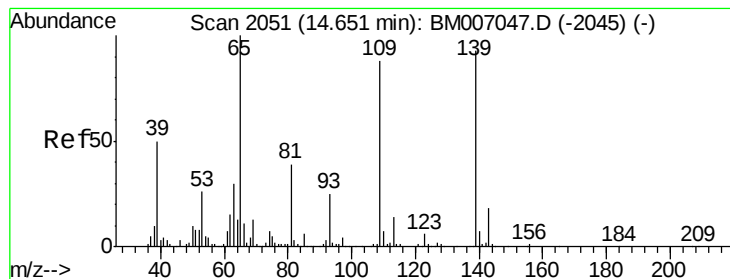


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#52

4-Nitrophenol

Concen: 20.65 ng/ul

RT: 14.65 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM007067.D

Acq: 13 Aug 2016 13:45

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-2430-01MSD

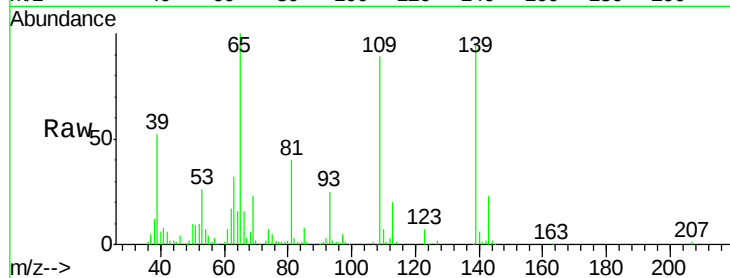
Tgt Ion:109 Resp: 149076

Ion Ratio Lower Upper

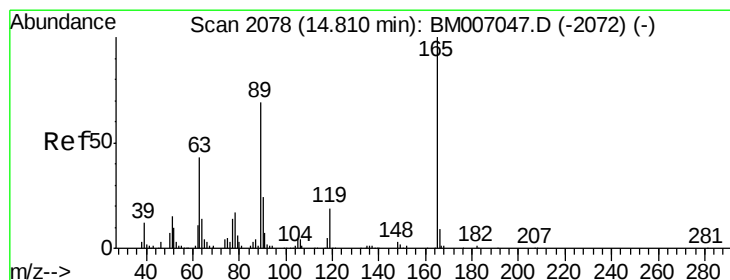
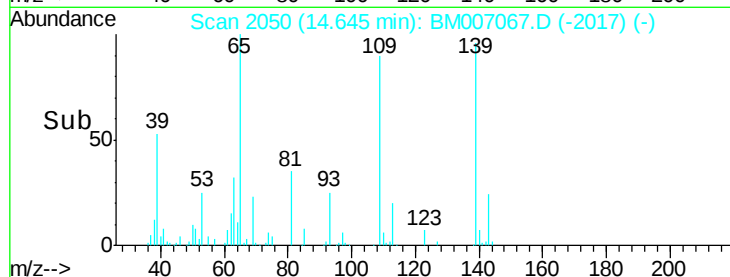
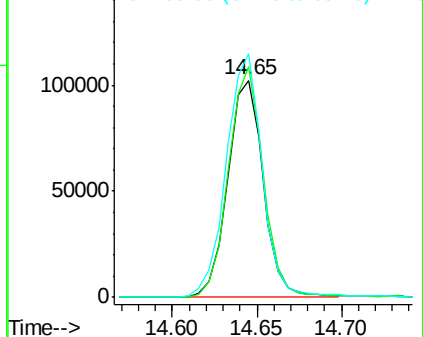
109 100

139 106.4 88.7 133.1

65 112.3 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: 22.00 ng/ul

RT: 14.80 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BM007067.D

Acq: 13 Aug 2016 13:45

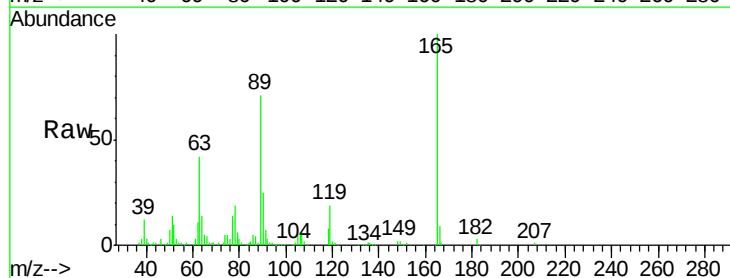
Tgt Ion:165 Resp: 249960

Ion Ratio Lower Upper

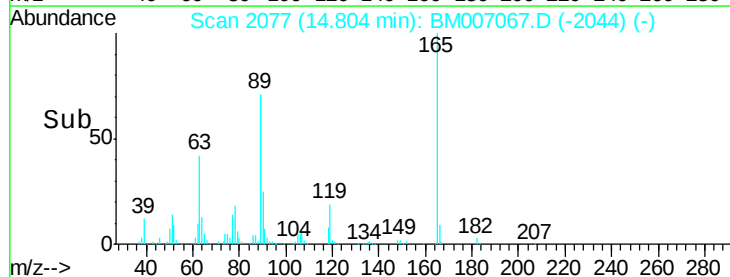
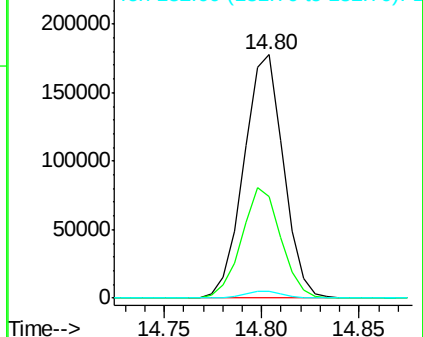
165 100

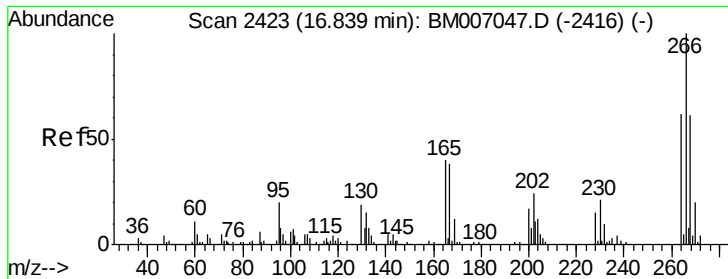
63 41.9 36.2 54.2

182 2.8 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

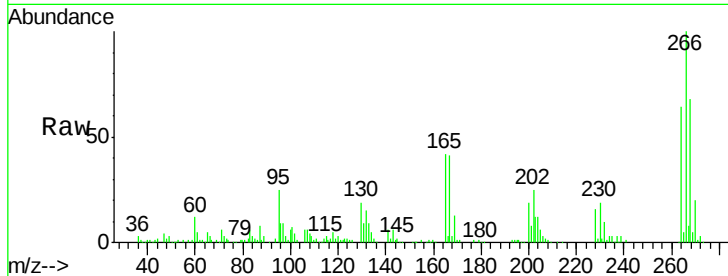




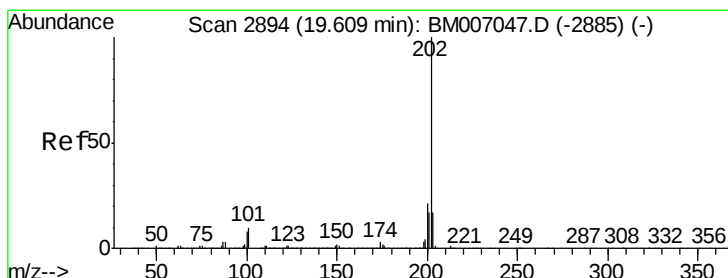
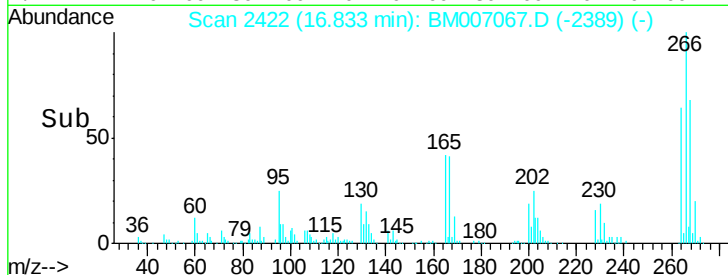
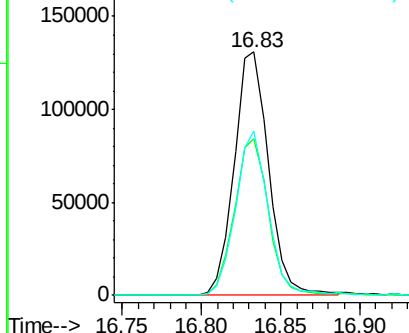
#68
 Pentachlorophenol
 Concen: 22.16 ng/ul
 RT: 16.83 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BM007067.D
 Acq: 13 Aug 2016 13:45

Instrument :
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 PR002-SS006-2430-01MSD

Tgt Ion:266 Resp: 196979
 Ion Ratio Lower Upper
 266 100
 264 64.2 50.6 75.8
 268 67.5 51.0 76.6

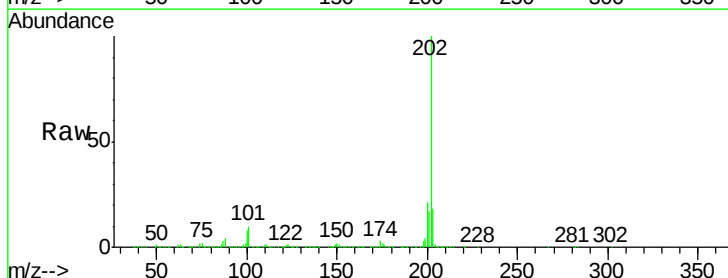


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 24.58 ng/ul
 RT: 19.60 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BM007067.D
 Acq: 13 Aug 2016 13:45

Tgt Ion:202 Resp: 1992833
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.4 12.6
 100 8.1 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

