

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

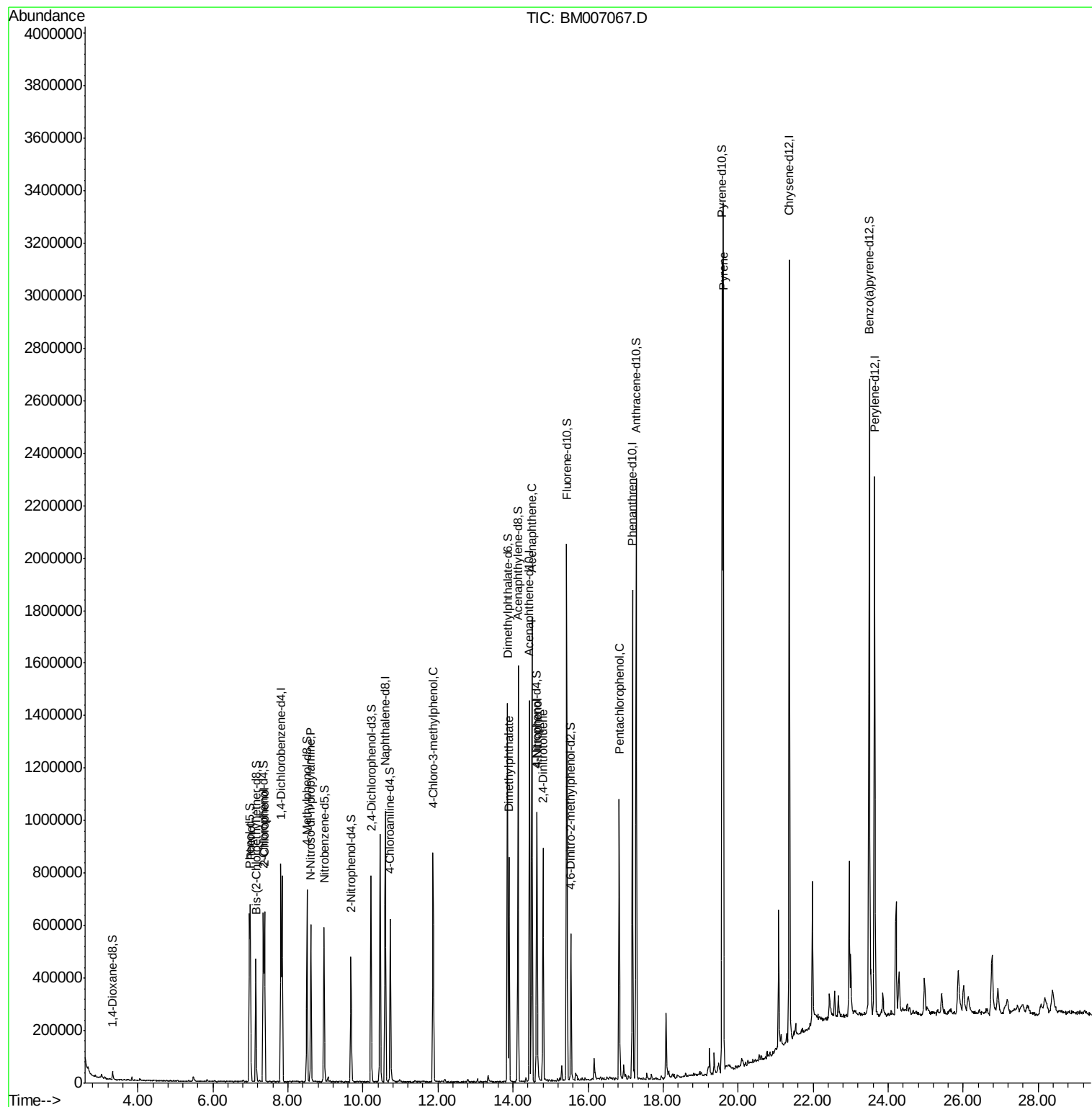
					Qvalue
6) Phenol	7.00	94	341428	19.05	ng/ul 98
10) 2-Chlorophenol	7.37	128	264224	19.06	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.61	70	221988	19.78	ng/ul 97
33) 4-Chloro-3-methylphenol	11.87	107	298168	20.39	ng/ul 95
44) Dimethylphthalate	13.90	163	523835	13.22	ng/ul 100
49) Acenaphthene	14.50	153	704431	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

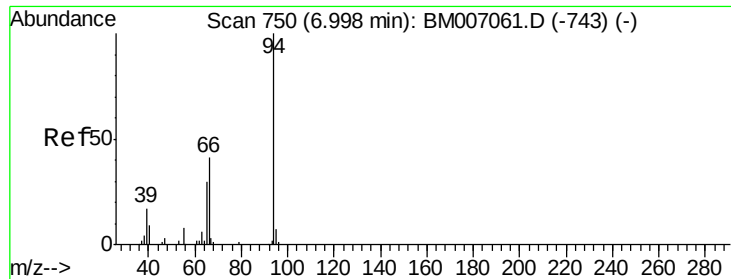
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

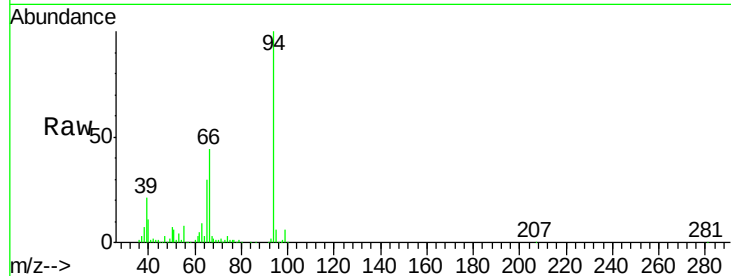
Tgt Ion: 94 Resp: 341428

Ion Ratio Lower Upper

94 100

65 30.2 23.9 35.9

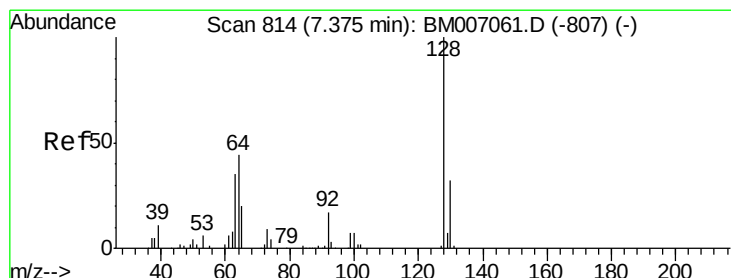
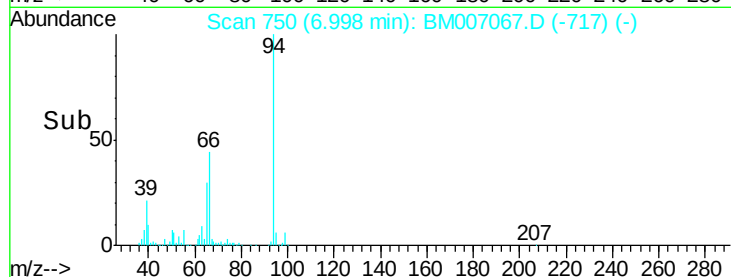
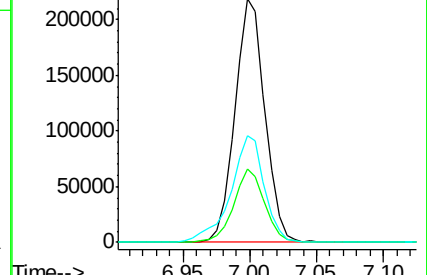
66 43.9 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007061.D (-743) (-)

Ion 65.00 (64.70 to 65.70): BM007061.D (-743) (-)

Ion 66.00 (65.70 to 66.70): BM007061.D (-743) (-)



#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

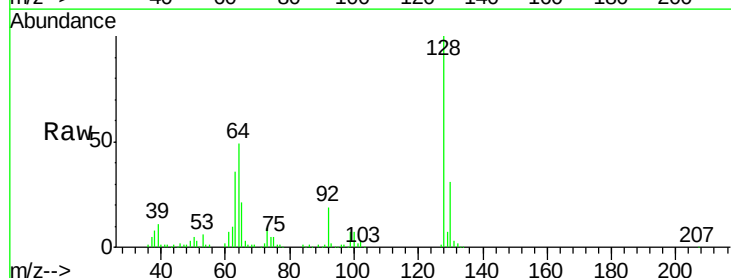
Tgt Ion: 128 Resp: 264224

Ion Ratio Lower Upper

128 100

64 48.5 37.5 56.3

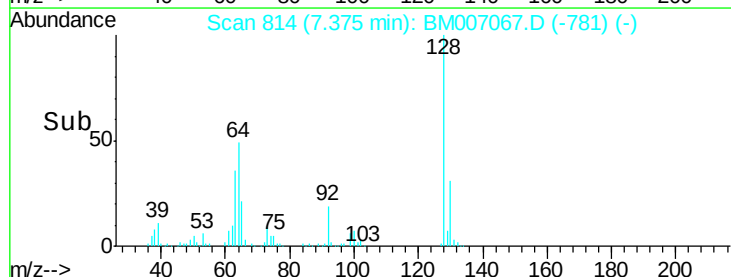
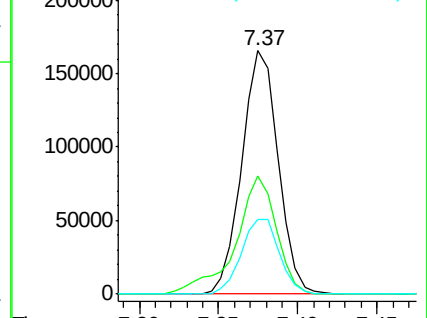
130 30.6 25.0 37.4

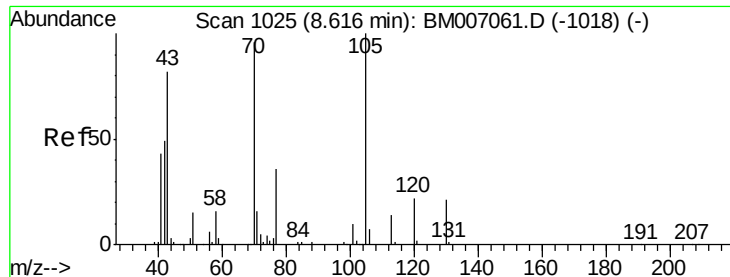


Abundance Ion 128.00 (127.70 to 128.70): BM007061.D (-807) (-)

Ion 64.00 (63.70 to 64.70): BM007061.D (-807) (-)

Ion 130.00 (129.70 to 130.70): BM007061.D (-807) (-)

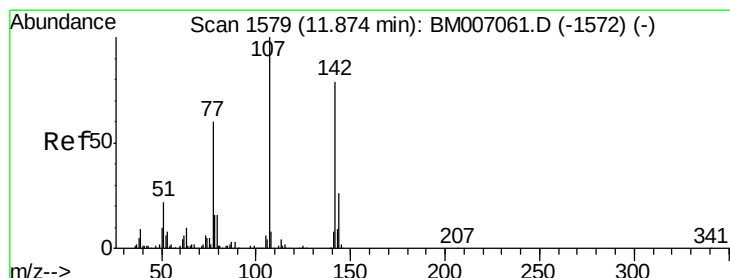
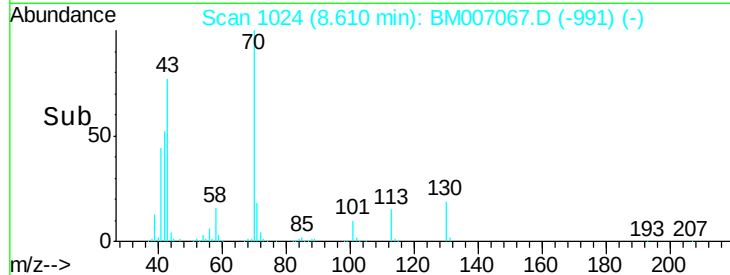
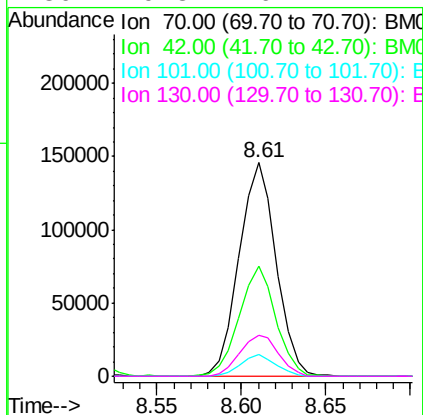
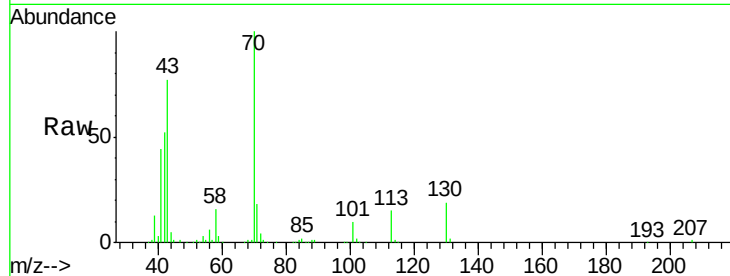




#15
N-Nitroso-di-n-propylamine
Concen: 19.78 ng/ul
RT: 8.61 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BM007067.D
Acq: 13 Aug 2016 13:45

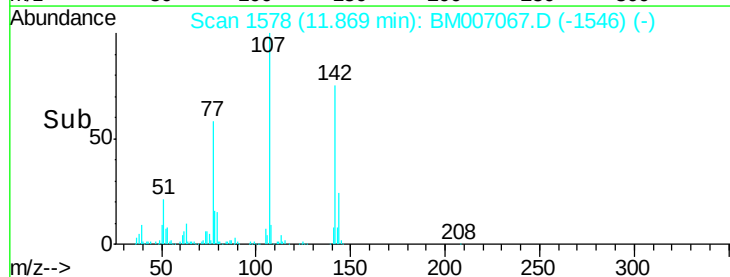
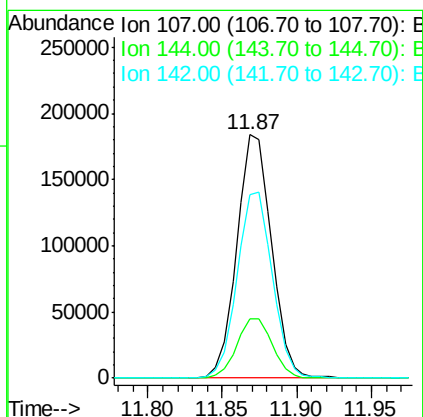
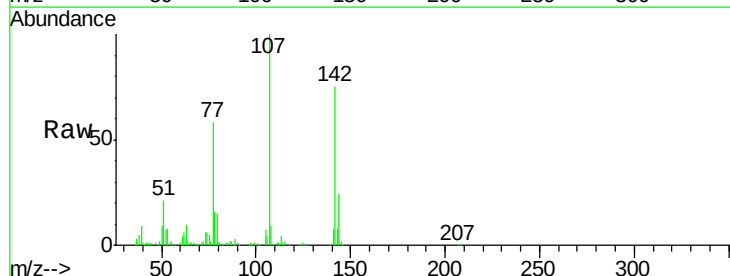
Instrument :
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ClientSampleId :
PR002-SS006-2430-01MSD

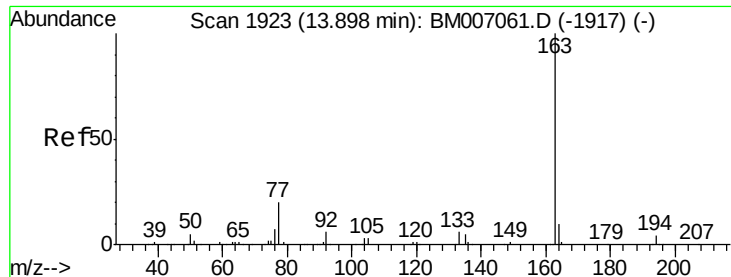
Tgt Ion:	70	Resp:	221988
Ion	Ratio	Lower	Upper
70	100		
42	51.8	43.4	65.2
101	10.3	7.8	11.6
130	19.3	16.2	24.4



#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





#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

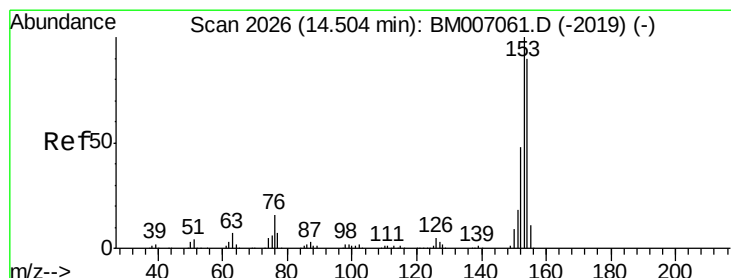
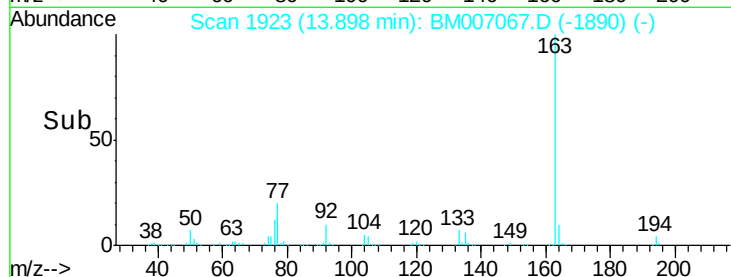
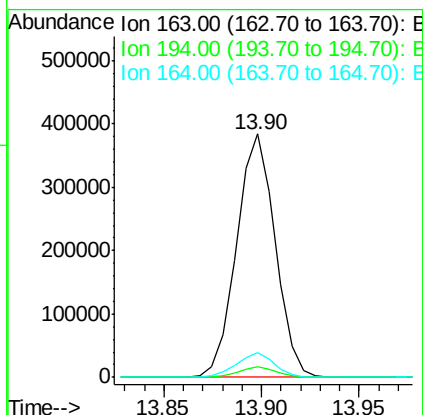
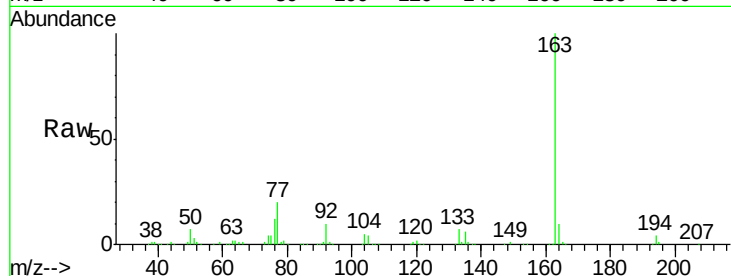
Instrument :

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



#49

Acenaphthene

Concen: 22.14 ng/ul

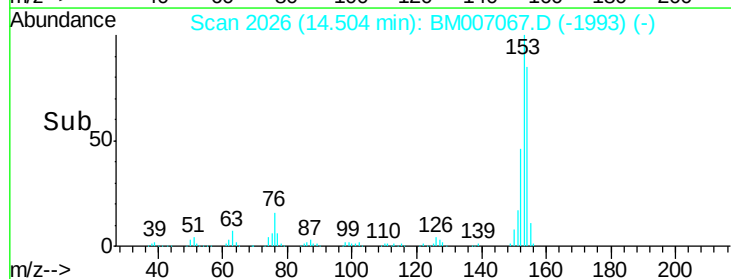
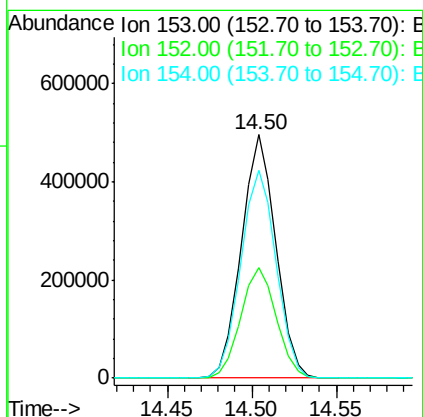
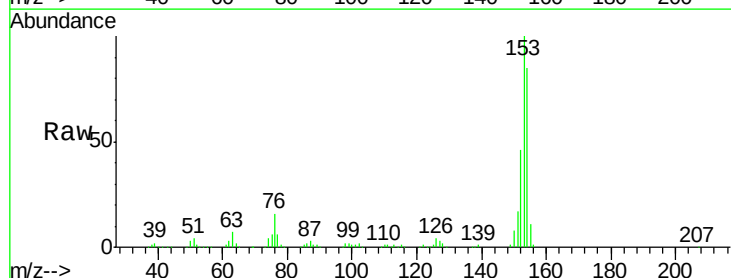
RT: 14.50 min Scan# 2026

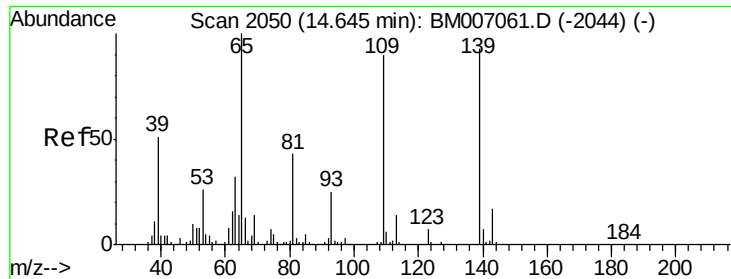
Delta R.T. -0.01 min

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

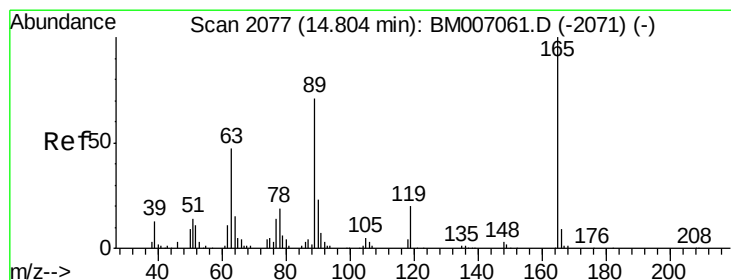
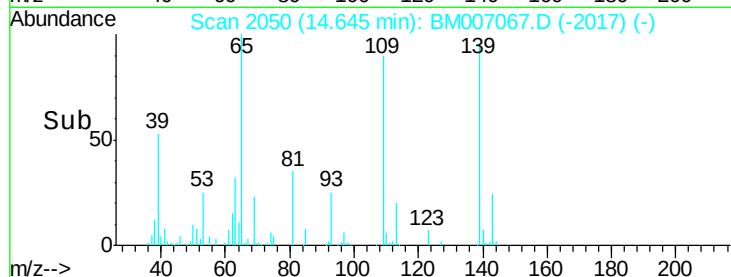
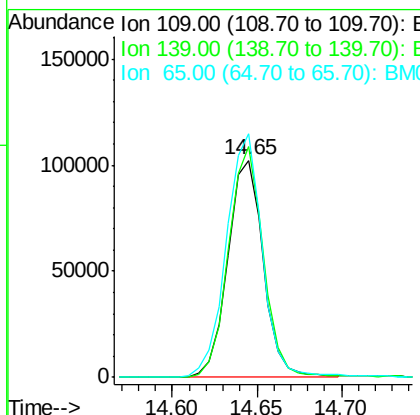
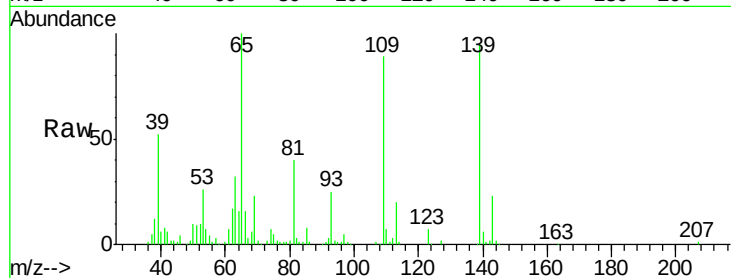




#52
4-Nitrophenol
Concen: 20.65 ng/ul
RT: 14.65 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM007067.D
Acq: 13 Aug 2016 13:45

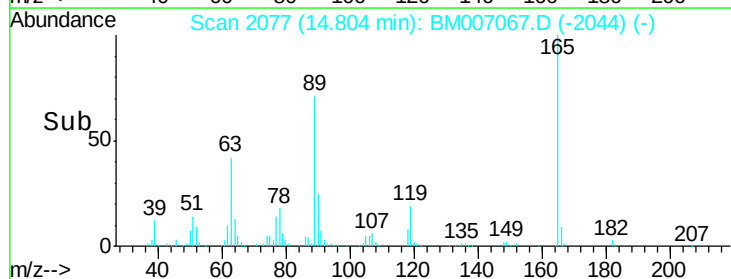
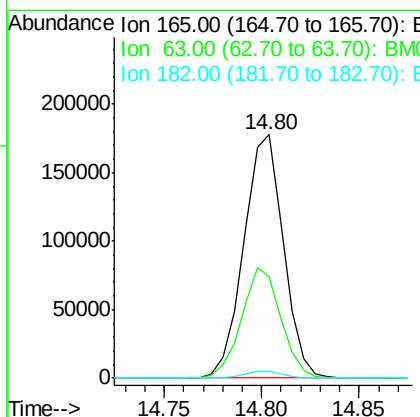
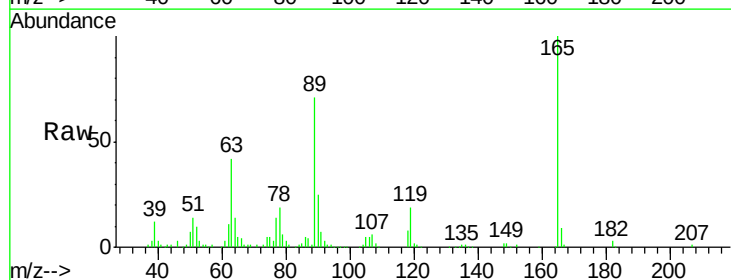
Instrument :
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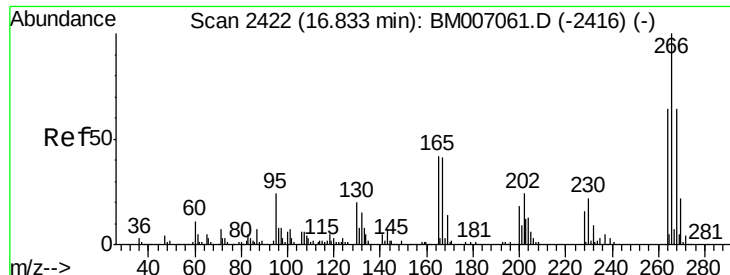
Tgt Ion	Ratio	Lower	Upper
109	100		
139	106.4	88.7	133.1
65	112.3	96.4	144.6



#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	Ratio	Lower	Upper
165	100		
63	41.9	36.2	54.2
182	2.8	2.2	3.4

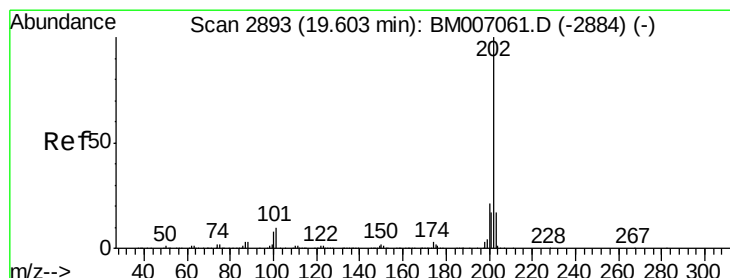
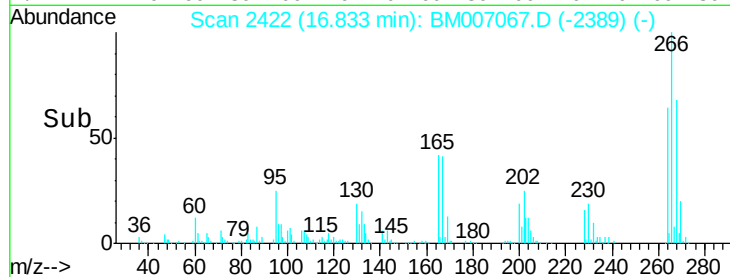
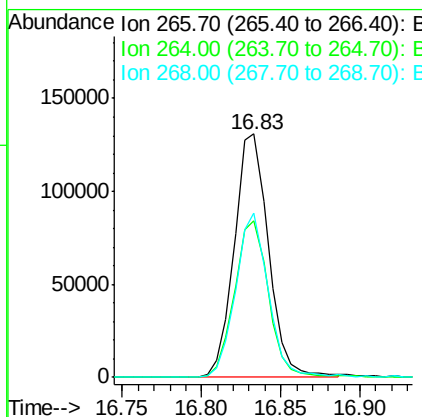
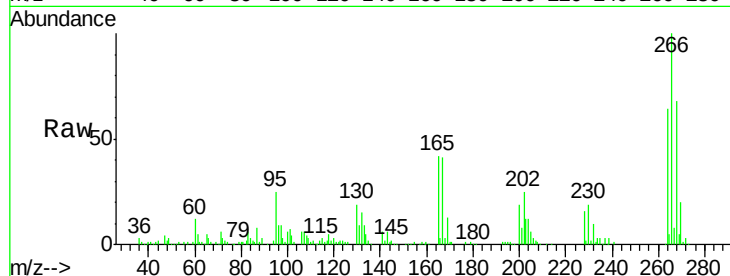




#68
 Pentachlorophenol
 Concen: 22.16 ng/ul
 RT: 16.83 min Scan# 2422
 Delta R.T. -0.01 min
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 BNA_M
 ClientSampleId :
 PR002-SS006-2430-01MSD

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



#77
 Pyrene
 Concen: 24.58 ng/ul
 RT: 19.60 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BM007067.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.4	12.6
100	8.1	6.9	10.3

