

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
 Data File : BM007066.D
 Acq On : 13 Aug 2016 13:09
 Operator : UM/SJ
 Sample : H4389-18MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Aug 15 10:20:22 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	7.82	152	249679	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	979389	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	566180	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1356191	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1738977	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	1848392	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	23211	4.06	ng/uL	0.00
5) Phenol-d5	6.97	99	463887	22.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	273288	23.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	378567	23.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	364479	21.90	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	181213	25.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	197334	25.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	384293	24.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	429255	22.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1278652	27.33	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1511041	26.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	202365	24.13	ng/ul	0.00
57) Fluorene-d10	15.43	176	1096864	26.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	178647	23.84	ng/ul	-0.01
70) Anthracene-d10	17.28	188	1765481	28.10	ng/ul	0.00
76) Pyrene-d10	19.57	212	2167243	29.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	2475456	29.28	ng/ul	0.00

Target Compounds

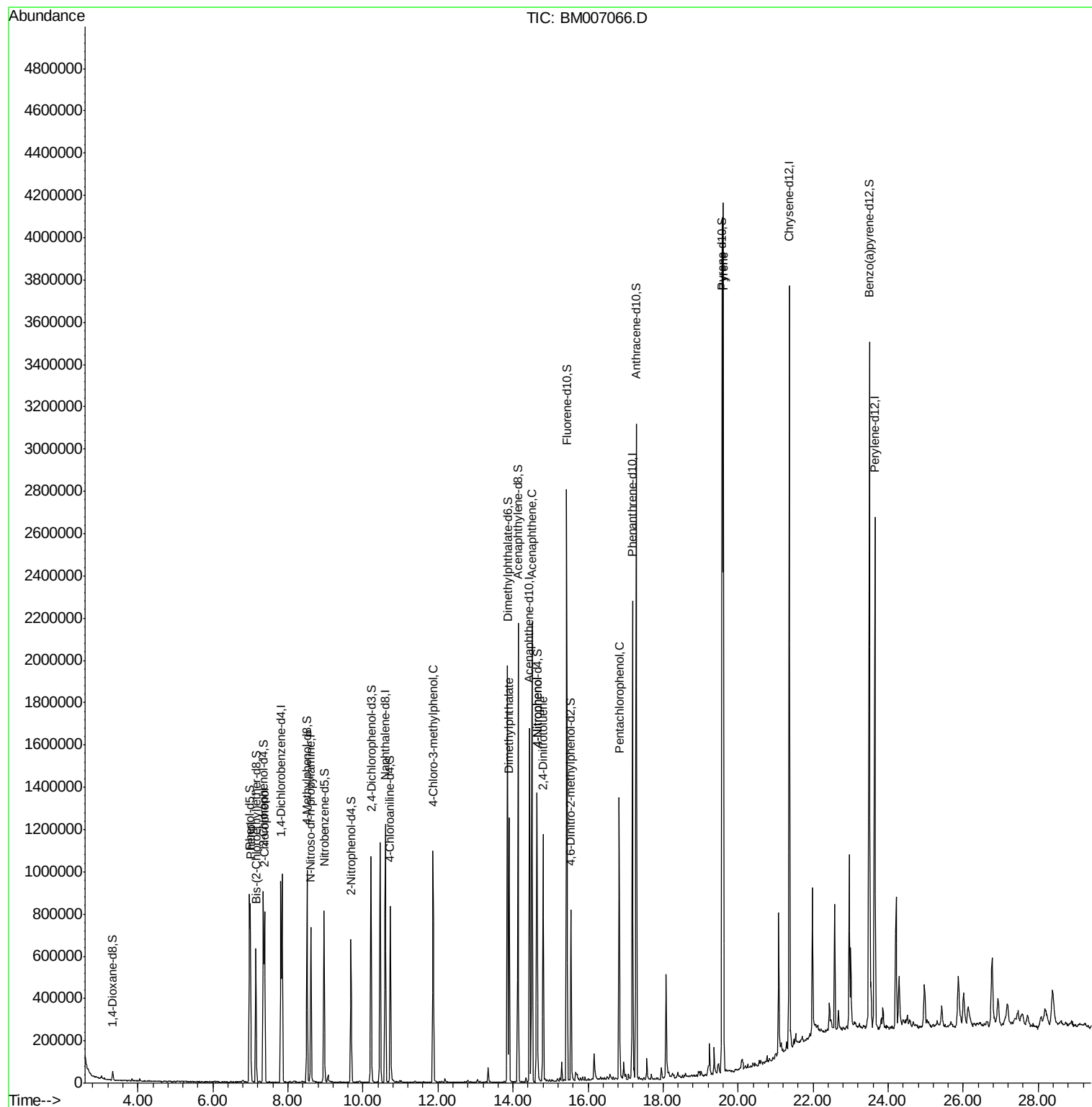
						Qvalue
6) Phenol	7.00	94	425855	19.99	ng/ul	98
10) 2-Chlorophenol	7.37	128	330898	20.08	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.61	70	275616	20.66	ng/ul	97
33) 4-Chloro-3-methylphenol	11.87	107	365113	21.07	ng/ul	97
44) Dimethylphthalate	13.90	163	765211	16.37	ng/ul	99
49) Acenaphthene	14.50	153	865547	23.05	ng/ul	99
52) 4-Nitrophenol	14.64	109	182849	21.46	ng/ul	94
54) 2,4-Dinitrotoluene	14.80	165	316095	23.57	ng/ul	98
68) Pentachlorophenol	16.83	266	244876	22.91	ng/ul	99
77) Pyrene	19.60	202	2438653	25.36	ng/ul	98

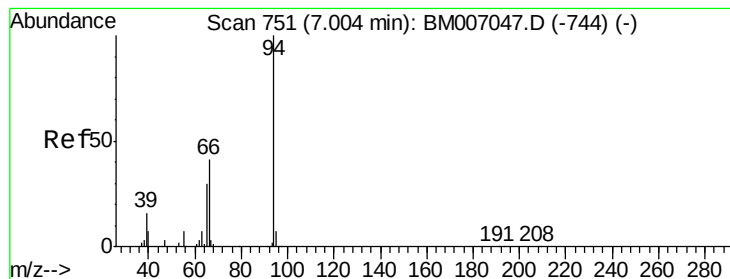
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 19.99 ng/ul

RT: 7.00 min Scan# 751

Delta R.T. -0.00 min

Lab File: BM007066.D

Acq: 13 Aug 2016 13:09

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-2430-01MS

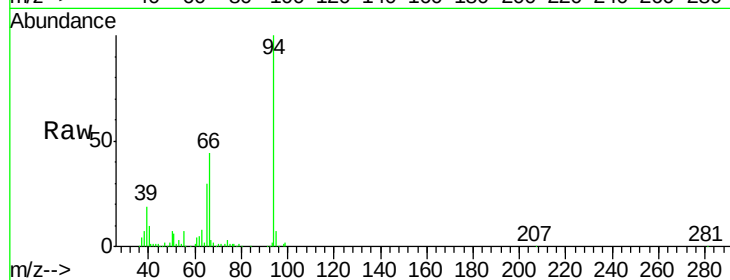
Tgt Ion: 94 Resp: 425855

Ion Ratio Lower Upper

94 100

65 30.3 23.9 35.9

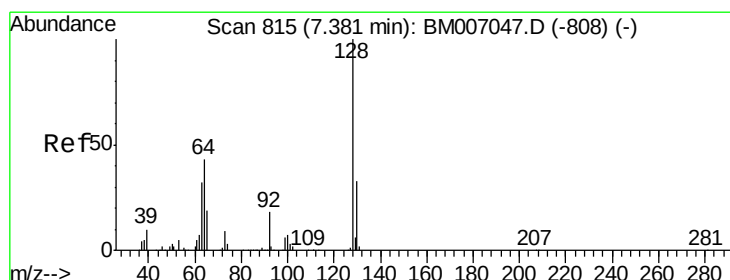
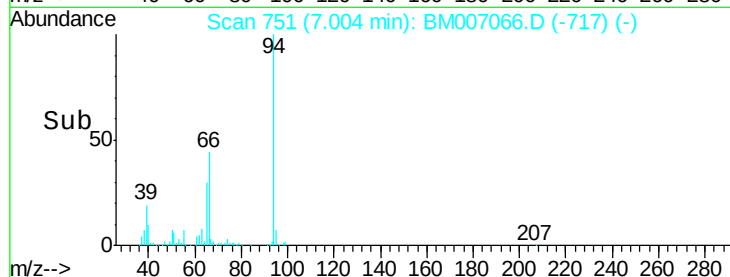
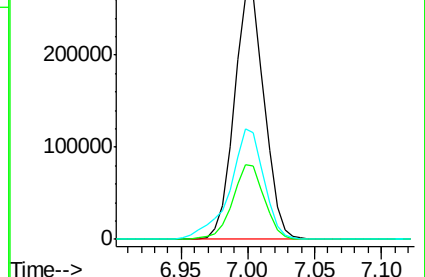
66 43.8 33.5 50.3



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: 20.08 ng/ul

RT: 7.37 min Scan# 814

Delta R.T. -0.01 min

Lab File: BM007066.D

Acq: 13 Aug 2016 13:09

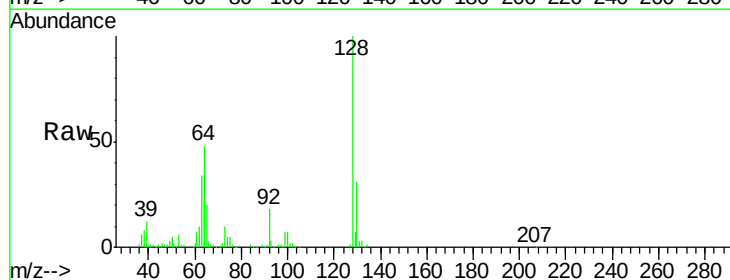
Tgt Ion: 128 Resp: 330898

Ion Ratio Lower Upper

128 100

64 47.6 37.5 56.3

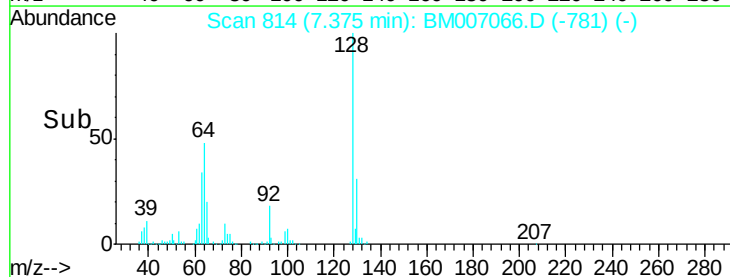
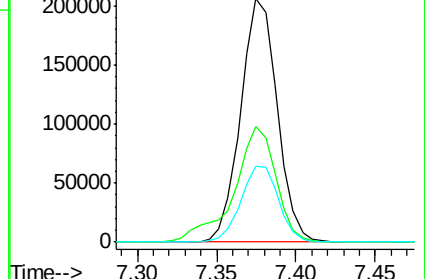
130 31.4 25.0 37.4

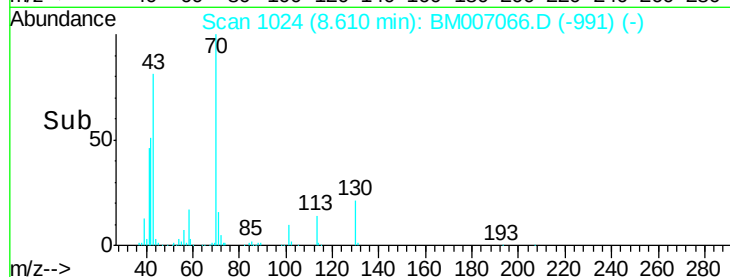
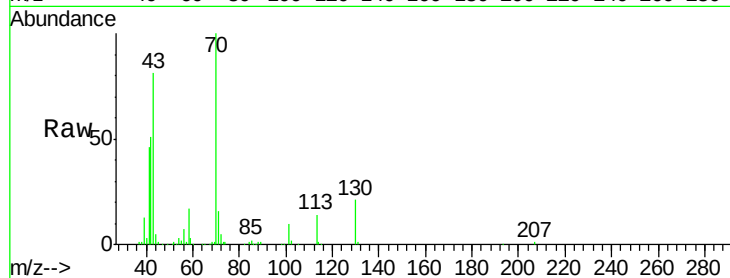
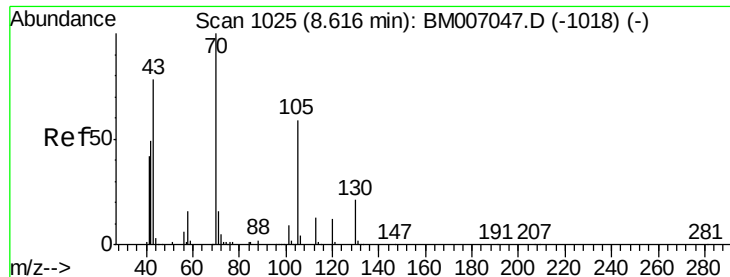


Abundance Ion 128.00 (127.70 to 128.70): BM007047.D (-808) (-)

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

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

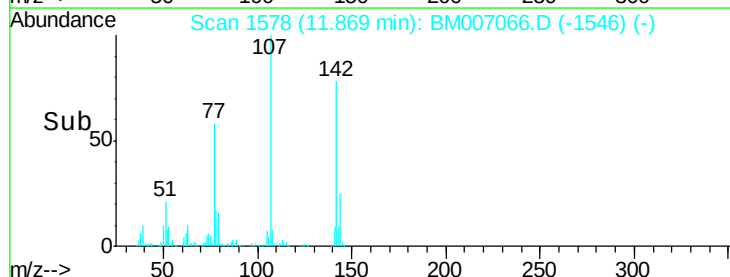
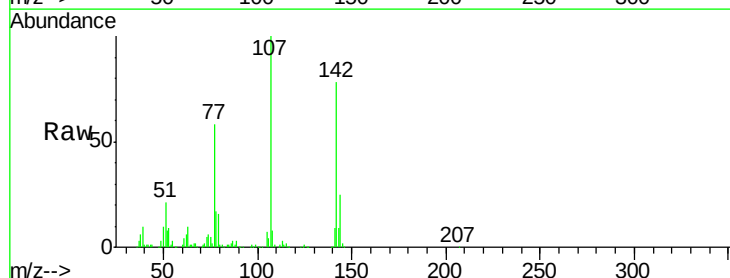
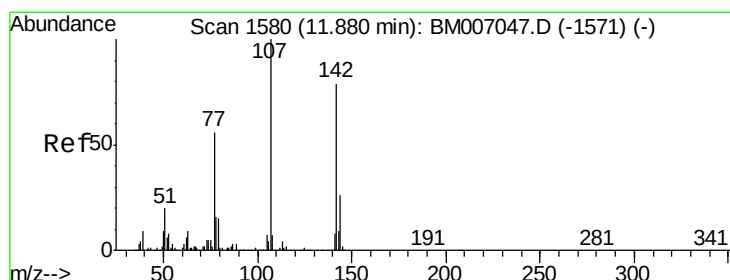
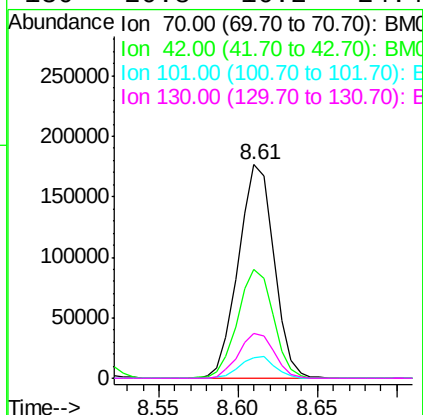




#15
N-Nitroso-di-n-propylamine
Concen: 20.66 ng/ul
RT: 8.61 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BM007066.D
Acq: 13 Aug 2016 13:09

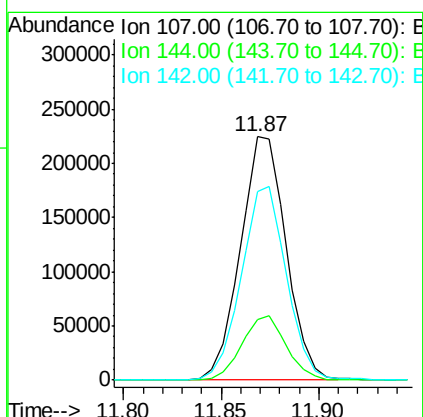
Instrument :
BNA_M
ClientSampleId :
PR002-SS006-2430-01MS

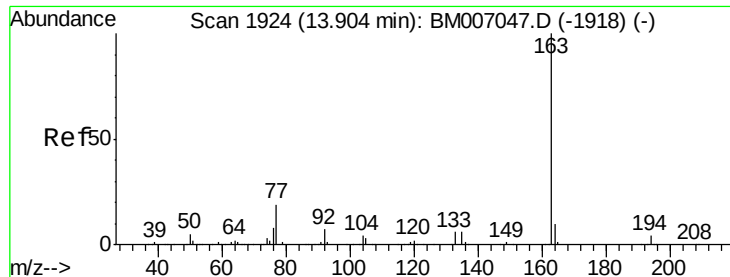
Tgt Ion:	70	Resp:	275616
Ion	Ratio	Lower	Upper
70	100		
42	51.0	43.4	65.2
101	9.8	7.8	11.6
130	20.8	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 21.07 ng/ul
RT: 11.87 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BM007066.D
Acq: 13 Aug 2016 13:09

Tgt Ion:	107	Resp:	365113
Ion	Ratio	Lower	Upper
107	100		
144	25.1	21.1	31.7
142	77.6	64.1	96.1





#44

Dimethylphthalate

Concen: 16.37 ng/ul

RT: 13.90 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM007066.D

Acq: 13 Aug 2016 13:09

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-2430-01MS

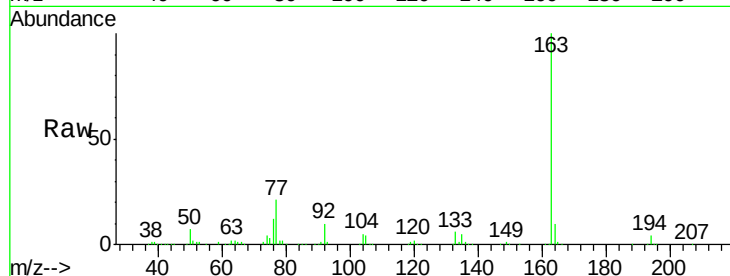
Tgt Ion:163 Resp: 765211

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

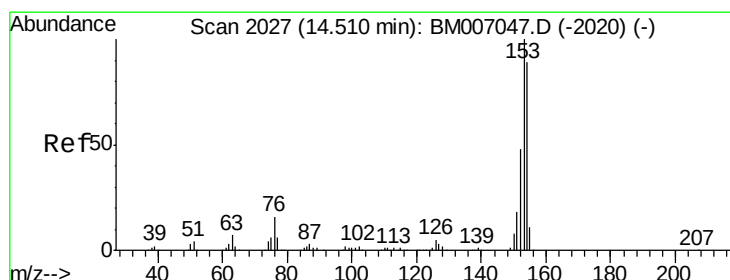
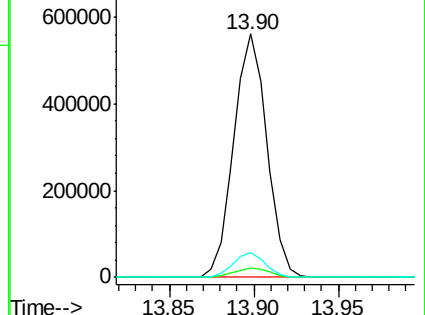
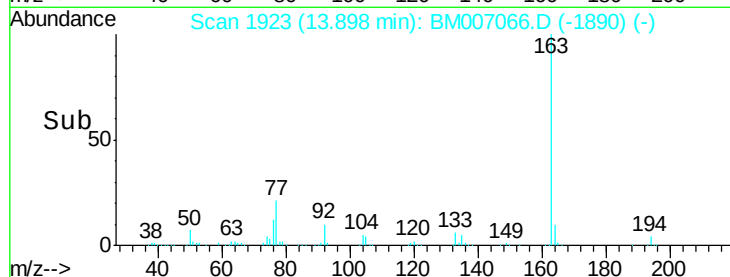
164 10.3 7.8 11.8



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: 23.05 ng/ul

RT: 14.50 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BM007066.D

Acq: 13 Aug 2016 13:09

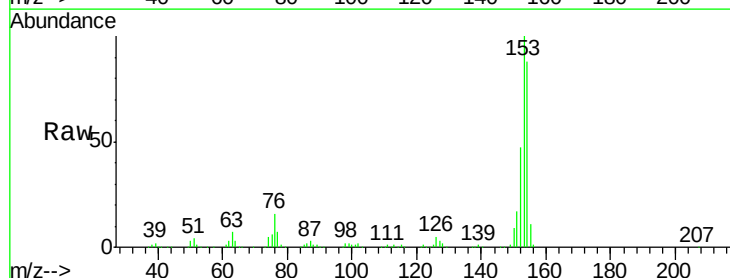
Tgt Ion:153 Resp: 865547

Ion Ratio Lower Upper

153 100

152 46.6 37.8 56.6

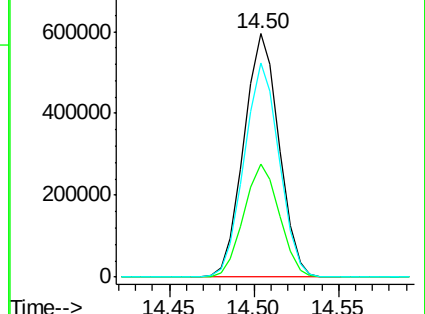
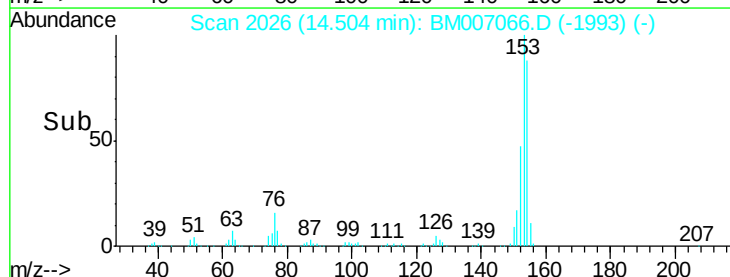
154 88.2 71.4 107.0

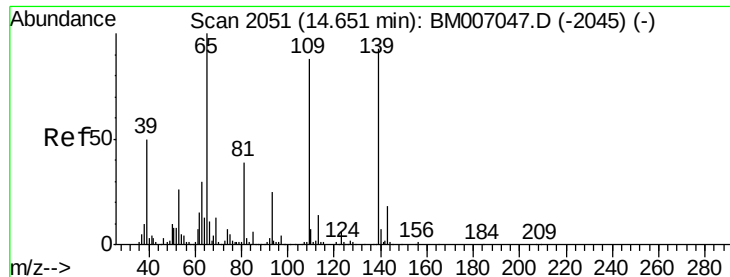


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 21.46 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM007066.D

Acq: 13 Aug 2016 13:09

Instrument :

BNA_M

ClientSampleId :

PR002-SS006-2430-01MS

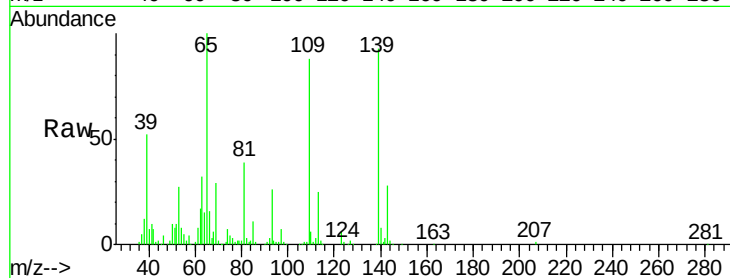
Tgt Ion:109 Resp: 182849

Ion Ratio Lower Upper

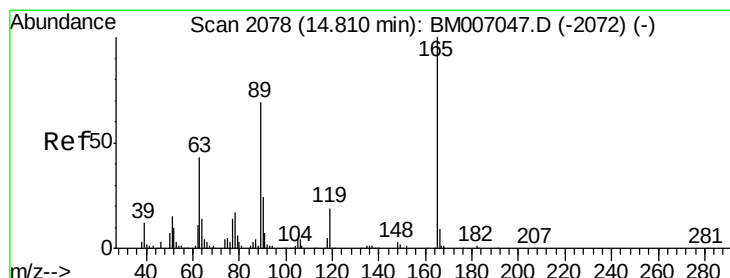
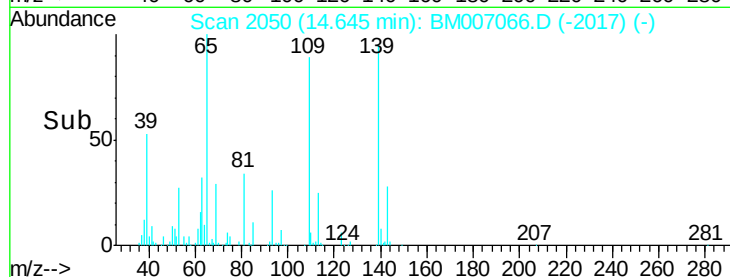
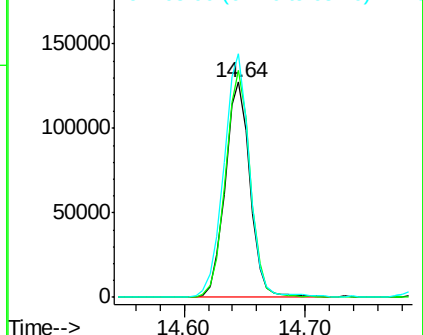
109 100

139 105.6 88.7 133.1

65 113.2 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: 23.57 ng/ul

RT: 14.80 min Scan# 2077

Delta R.T. -0.01 min

Lab File: BM007066.D

Acq: 13 Aug 2016 13:09

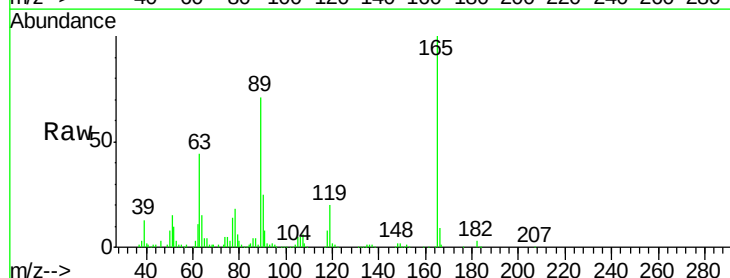
Tgt Ion:165 Resp: 316095

Ion Ratio Lower Upper

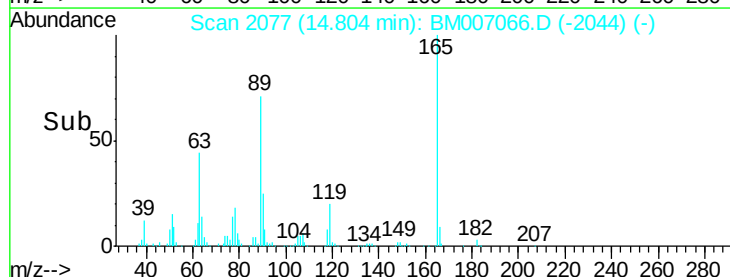
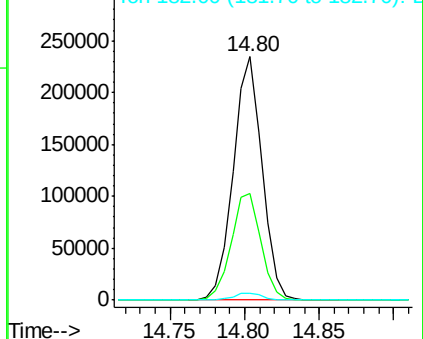
165 100

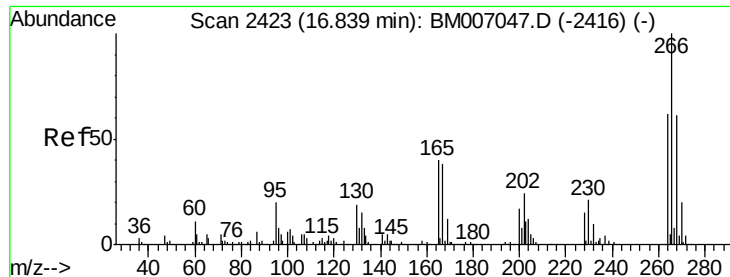
63 43.6 36.2 54.2

182 2.6 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

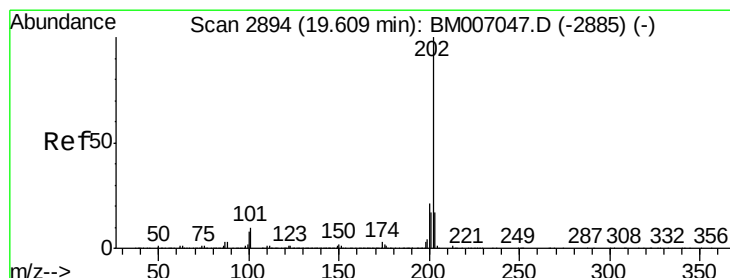
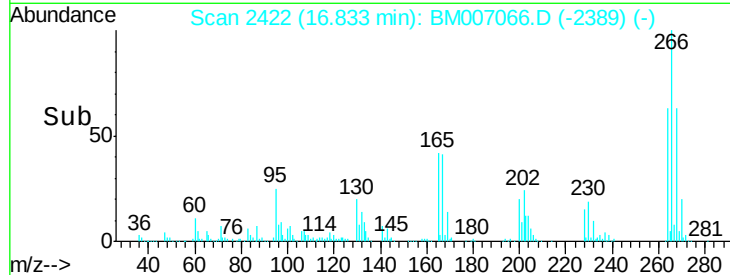
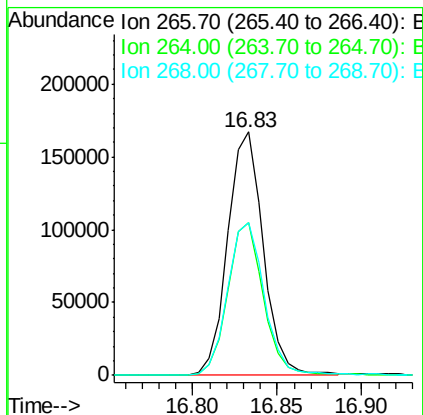
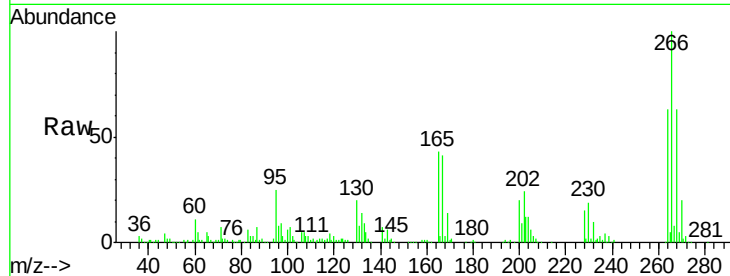




#68
 Pentachlorophenol
 Concen: 22.91 ng/ul
 RT: 16.83 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BM007066.D
 Acq: 13 Aug 2016 13:09

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

Tgt Ion:266 Resp: 244876
 Ion Ratio Lower Upper
 266 100
 264 62.6 50.6 75.8
 268 62.7 51.0 76.6



#77
 Pyrene
 Concen: 25.36 ng/ul
 RT: 19.60 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BM007066.D
 Acq: 13 Aug 2016 13:09

Tgt Ion:202 Resp: 2438653
 Ion Ratio Lower Upper
 202 100
 101 9.8 8.4 12.6
 100 8.1 6.9 10.3

