

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081816\
 Data File : BM007192.D
 Acq On : 17 Aug 2016 22:57
 Operator : UM/SJ
 Sample : H4470-06MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHPX9MS

Quant Time: Aug 18 10:18:17 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 04:01:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	230376	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	912180	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	529754	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1266118	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1662097	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1746964	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	4151	0.79	ng/uL	0.00
5) Phenol-d5	6.97	99	76189	4.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	215825	20.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	240974	16.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	146012	9.51	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	141706	21.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	154078	21.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	279058	18.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	20724	1.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	905836	20.69	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1104904	21.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	24295	3.10	ng/ul	0.00
57) Fluorene-d10	15.43	176	799077	20.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	105679	15.10	ng/ul	0.00
70) Anthracene-d10	17.27	188	1290453	22.00	ng/ul	0.00
76) Pyrene-d10	19.57	212	1629194	23.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1881291	23.54	ng/ul	0.00

Target Compounds

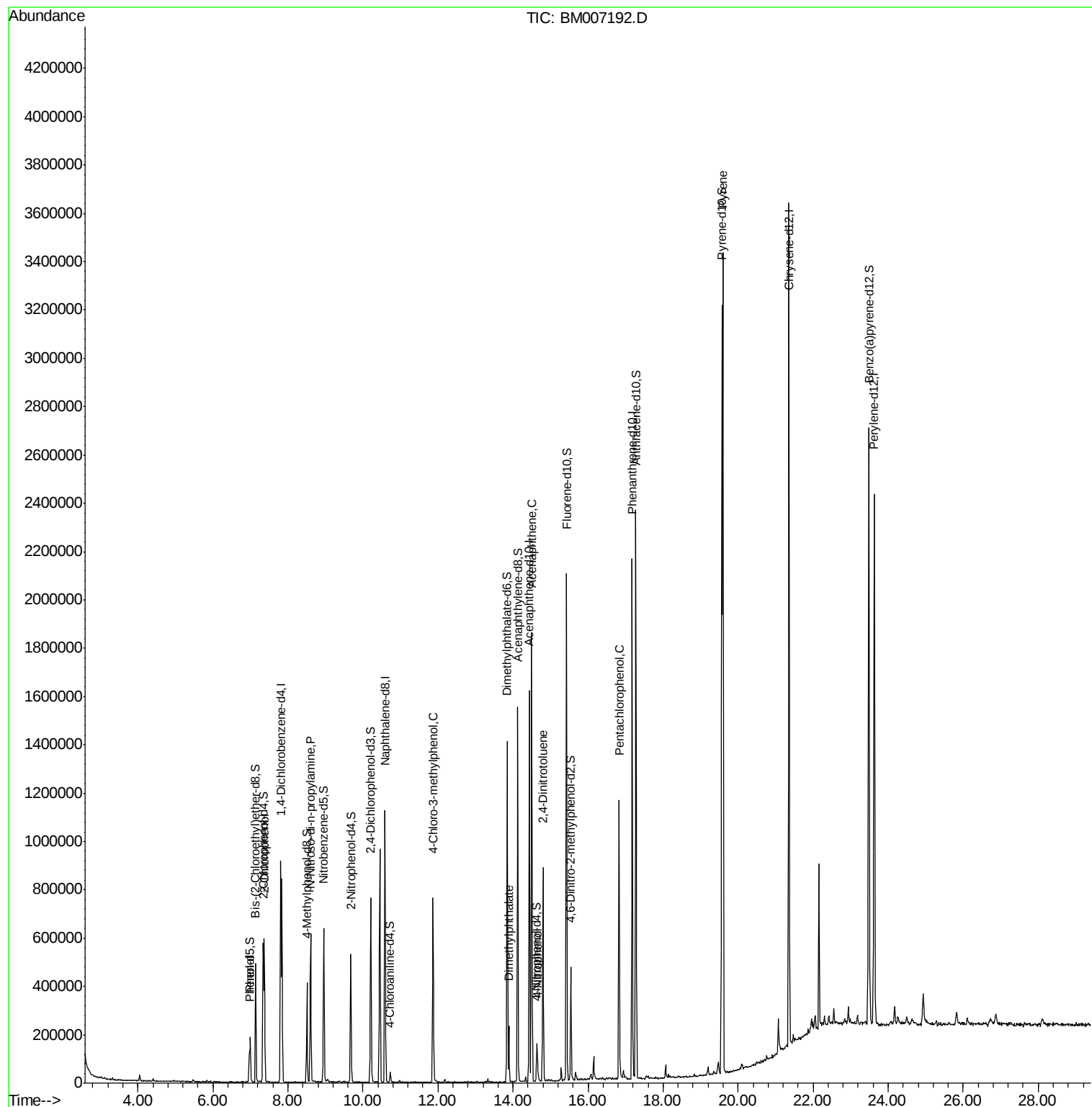
						Ovalue
6) Phenol	7.00	94	98892	5.03	ng/ul	95
10) 2-Chlorophenol	7.37	128	241567	15.89	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	234628	19.07	ng/ul	98
33) 4-Chloro-3-methylphenol	11.87	107	260737	16.16	ng/ul	96
44) Dimethylphthalate	13.89	163	145241	3.32	ng/ul	99
49) Acenaphthene	14.50	153	727494	20.70	ng/ul	98
52) 4-Nitrophenol	14.64	109	26135	3.28	ng/ul	94
54) 2,4-Dinitrotoluene	14.80	165	242574	19.33	ng/ul	100
68) Pentachlorophenol	16.83	266	207195	20.76	ng/ul	98
77) Pyrene	19.60	202	2017566	21.96	ng/ul	99

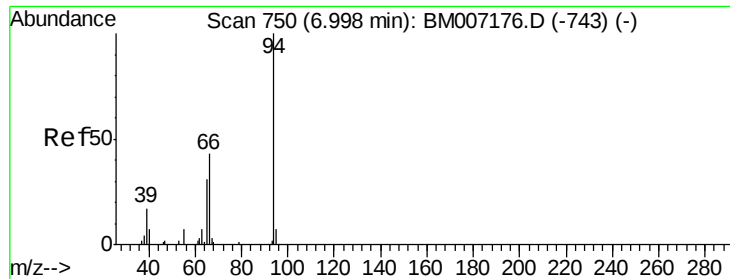
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 5.03 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. -0.00 min

Lab File: BM007192.D

Acq: 17 Aug 2016 22:57

Instrument :

BNA_M

ClientSampleId :

JHPX9MS

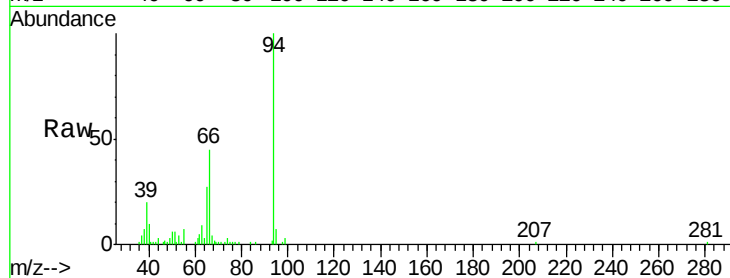
Tot Ion: 94 Resp: 98892

Ion Ratio Lower Upper

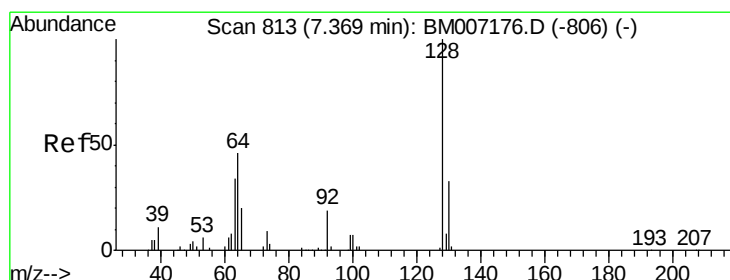
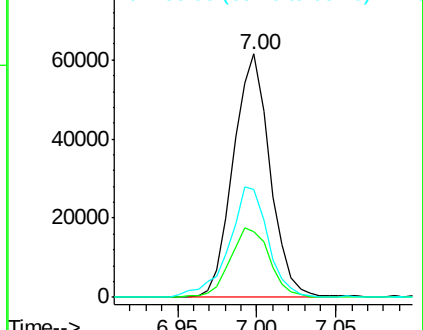
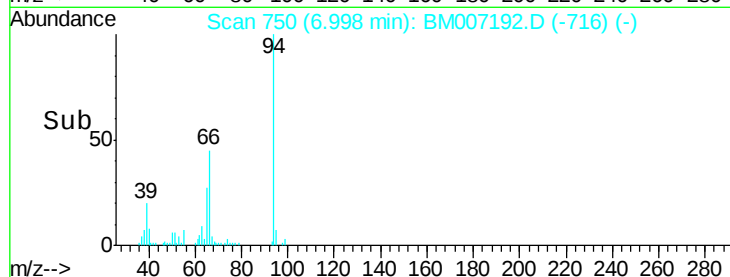
94 100

65 26.8 23.9 35.9

66 44.5 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007192.D (-716) (-)



#10

2-Chlorophenol

Concen: 15.89 ng/ul

RT: 7.37 min Scan# 813

Delta R.T. -0.01 min

Lab File: BM007192.D

Acq: 17 Aug 2016 22:57

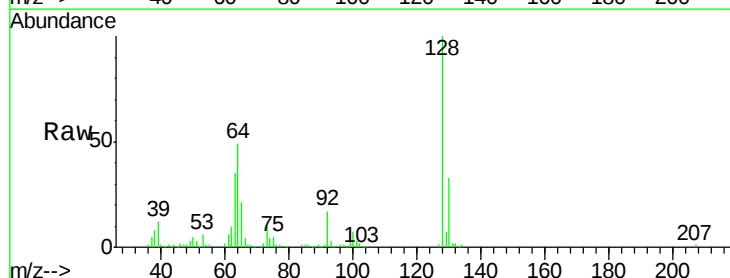
Tgt Ion: 128 Resp: 241567

Ion Ratio Lower Upper

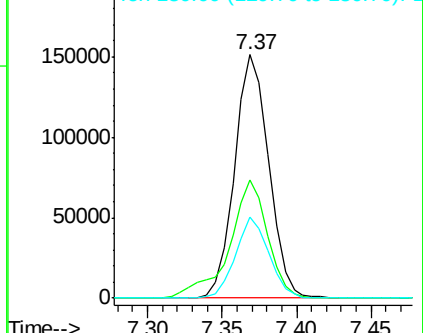
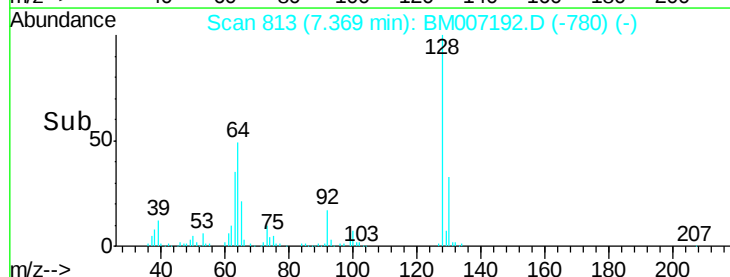
128 100

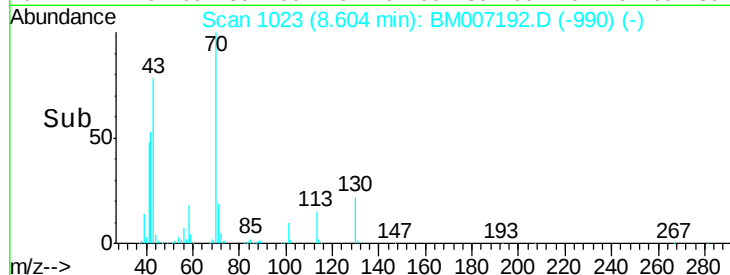
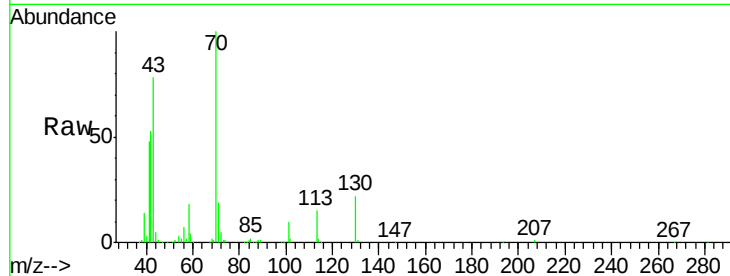
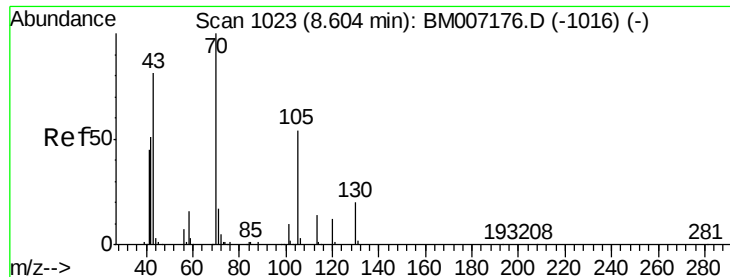
64 48.7 37.5 56.3

130 33.1 25.0 37.4



Abundance Ion 128.00 (127.70 to 128.70): BM007192.D (-780) (-)

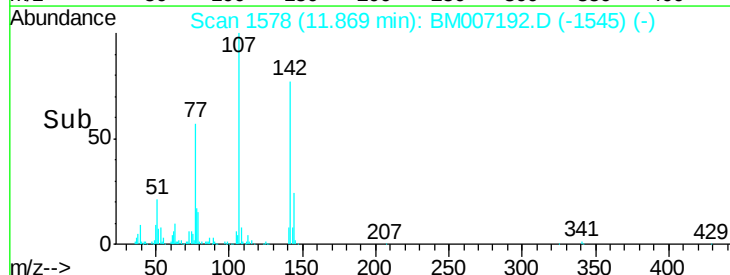
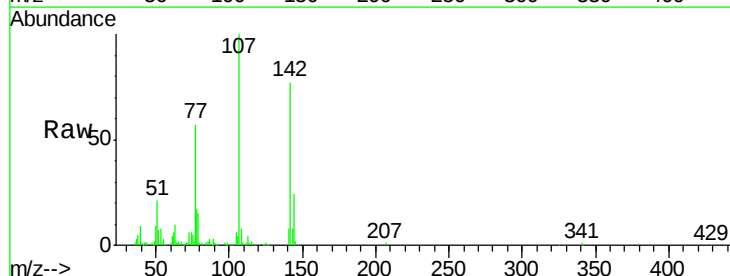
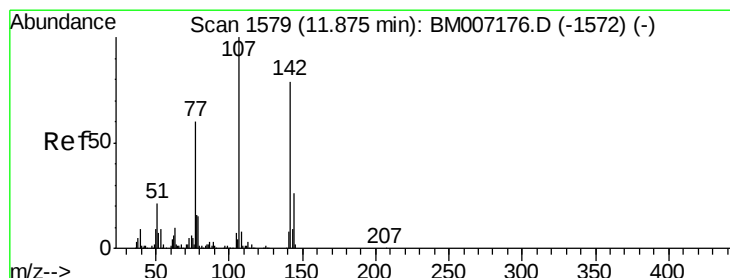
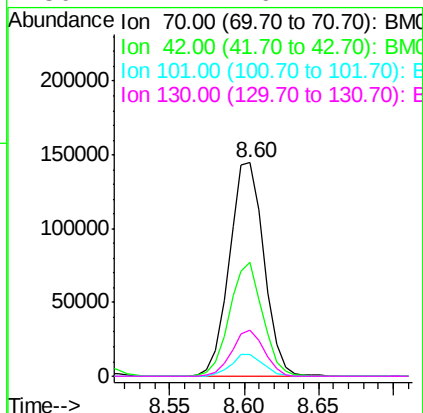




#15
N-Nitroso-di-n-propylamine
Concen: 19.07 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BM007192.D
Acq: 17 Aug 2016 22:57

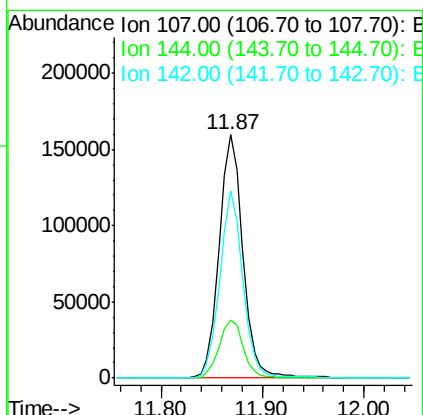
Instrument :
BNA_M
ClientSampleId :
JHPX9MS

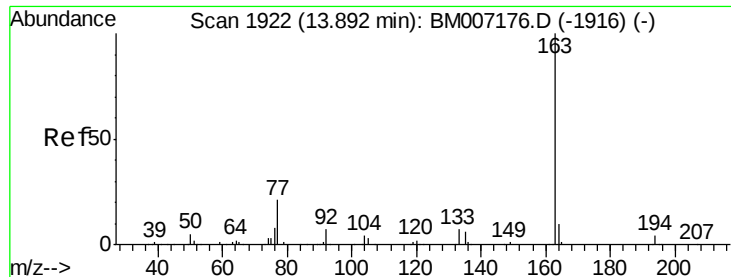
Tot Ion:	70	Resp:	234628
Ion	Ratio	Lower	Upper
70	100		
42	53.3	43.4	65.2
101	10.3	7.8	11.6
130	21.7	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 16.16 ng/ul
RT: 11.87 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BM007192.D
Acq: 17 Aug 2016 22:57

Tgt Ion:	107	Resp:	260737
Ion	Ratio	Lower	Upper
107	100		
144	24.0	21.1	31.7
142	76.7	64.1	96.1





#44

Dimethylphthalate

Concen: 3.32 ng/ul

RT: 13.89 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BM007192.D

Acq: 17 Aug 2016 22:57

Instrument :

BNA_M

ClientSampleId :

JHPX9MS

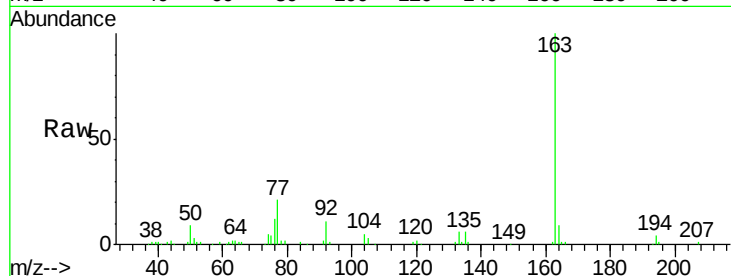
Tot Ion:163 Resp: 145241

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

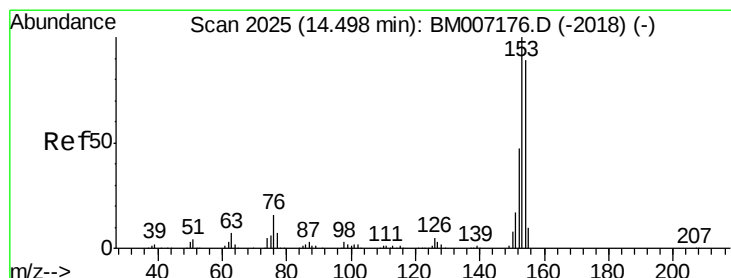
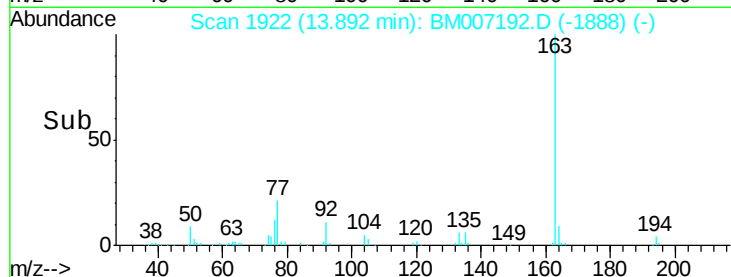
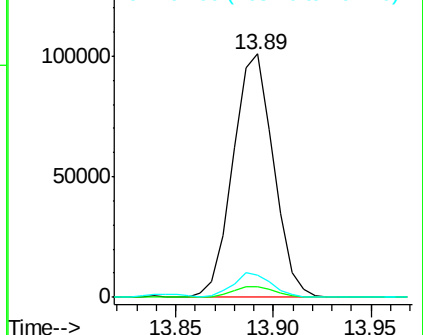
164 9.3 7.8 11.8



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: 20.70 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BM007192.D

Acq: 17 Aug 2016 22:57

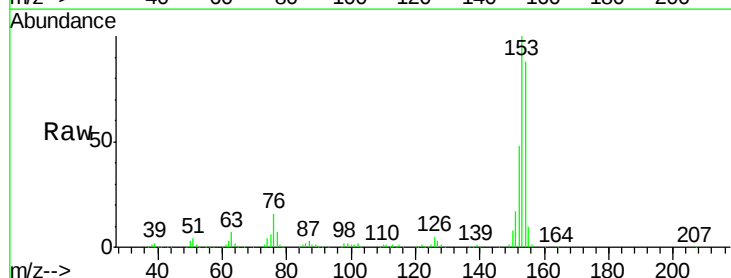
Tgt Ion:153 Resp: 727494

Ion Ratio Lower Upper

153 100

152 48.3 37.8 56.6

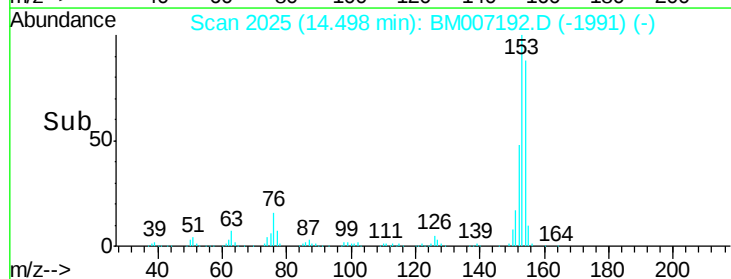
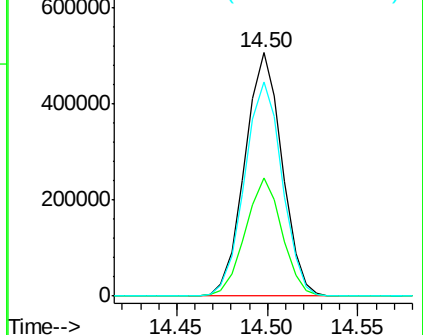
154 87.7 71.4 107.0

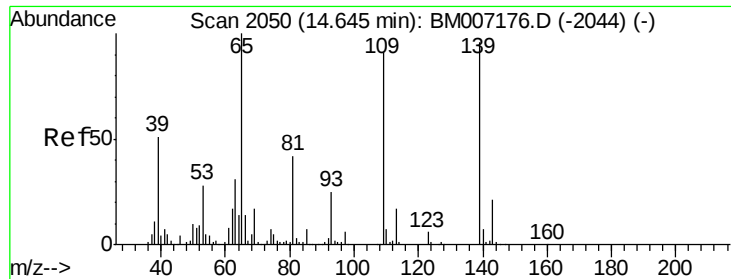


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 3.28 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BM007192.D

Acq: 17 Aug 2016 22:57

Instrument :

BNA_M

ClientSampleId :

JHPX9MS

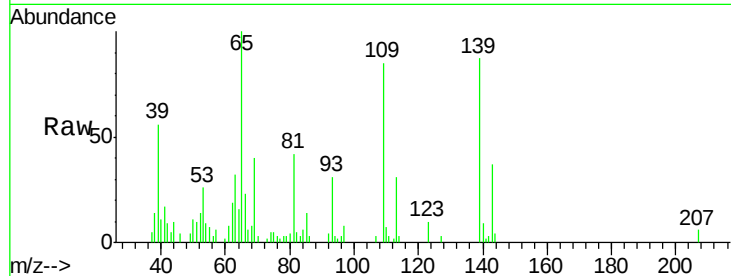
Tot Ion:109 Resp: 26135

Ion Ratio Lower Upper

109 100

139 102.1 88.7 133.1

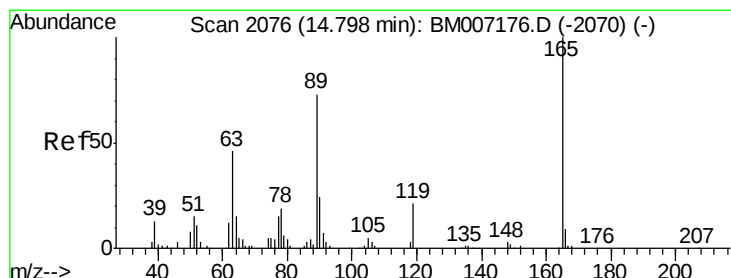
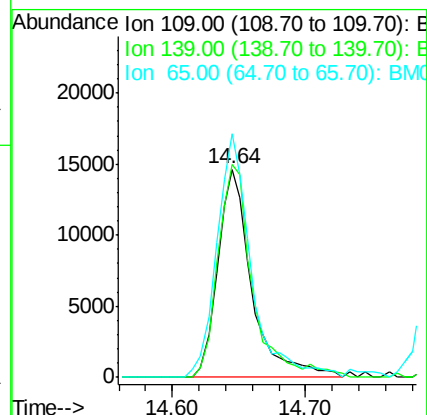
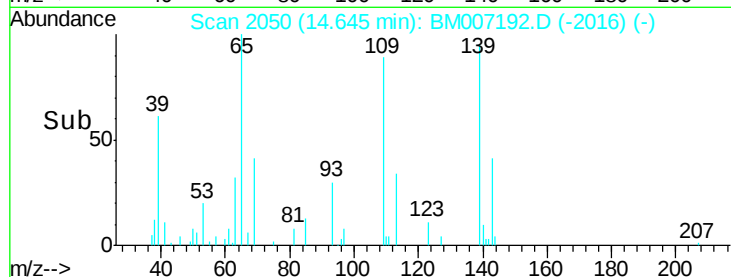
65 117.0 96.4 144.6



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: 19.33 ng/ul

RT: 14.80 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BM007192.D

Acq: 17 Aug 2016 22:57

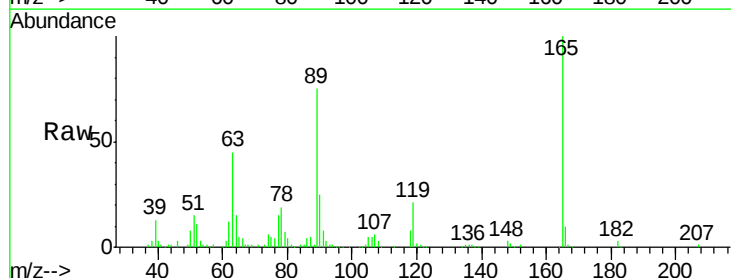
Tgt Ion:165 Resp: 242574

Ion Ratio Lower Upper

165 100

63 45.1 36.2 54.2

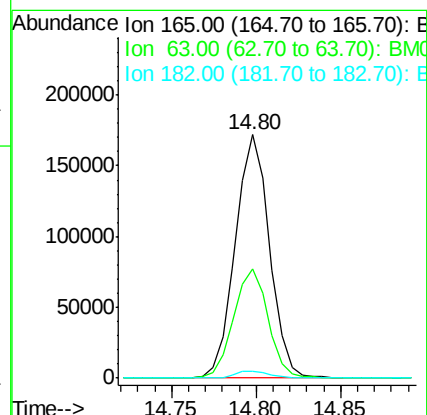
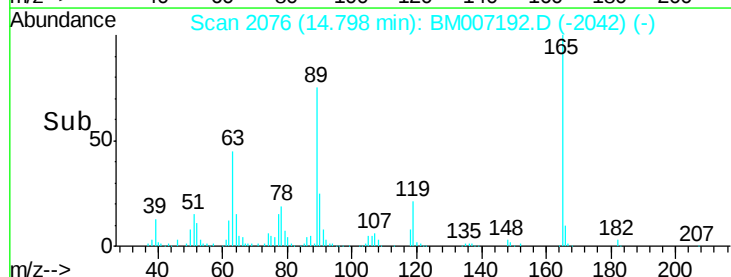
182 2.6 2.2 3.4

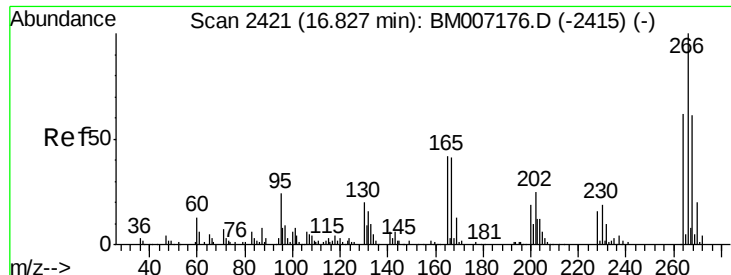


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

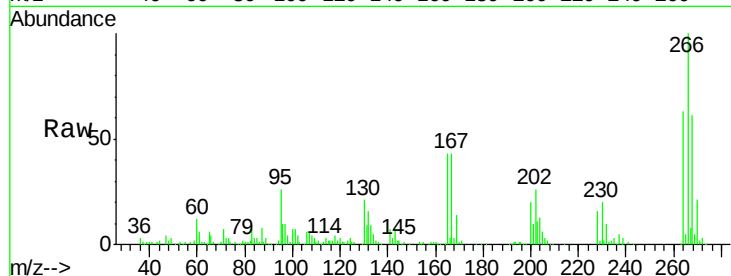




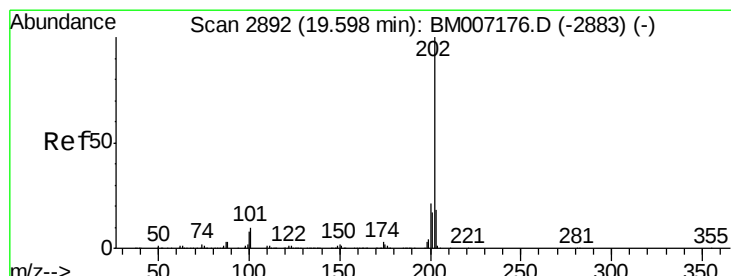
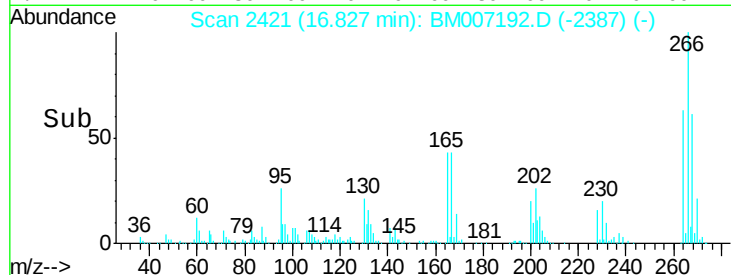
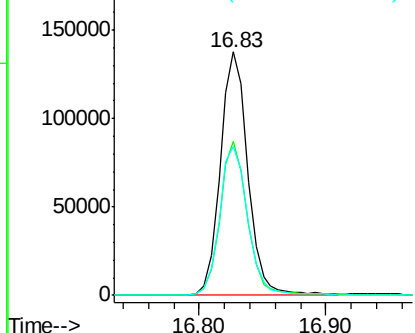
#68
 Pentachlorophenol
 Concen: 20.76 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BM007192.D
 Acq: 17 Aug 2016 22:57

Instrument :
 BNA_M
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 JHPX9MS

Tot Ion:266 Resp: 207195
 Ion Ratio Lower Upper
 266 100
 264 63.5 50.6 75.8
 268 61.1 51.0 76.6

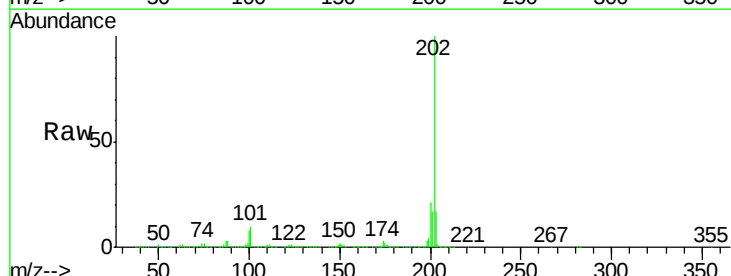


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 21.96 ng/ul
 RT: 19.60 min Scan# 2892
 Delta R.T. -0.00 min
 Lab File: BM007192.D
 Acq: 17 Aug 2016 22:57

Tgt Ion:202 Resp: 2017566
 Ion Ratio Lower Upper
 202 100
 101 10.1 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

