

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082916\
 Data File : BM007320.D
 Acq On : 29 Aug 2016 21:57
 Operator : UM/SJ
 Sample : H4575-13MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA285MS

Quant Time: Aug 30 02:27:15 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 30 02:26:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	144619	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	718047	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	534786	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1500161	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2297068	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2577982	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	11165	3.95	ng/uL	0.00
5) Phenol-d5	6.96	99	255329	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	152383	21.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	204742	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	232886	19.55	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	113501	21.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	129272	21.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	238737	19.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	328021	21.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1039761	22.54	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1155038	21.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	177887	20.42	ng/ul	0.00
57) Fluorene-d10	15.42	176	889868	22.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	178744	18.95	ng/ul	0.00
70) Anthracene-d10	17.27	188	1560276	22.27	ng/ul	0.00
76) Pyrene-d10	19.56	212	2085708	21.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2667468	22.47	ng/ul	0.00

Target Compounds

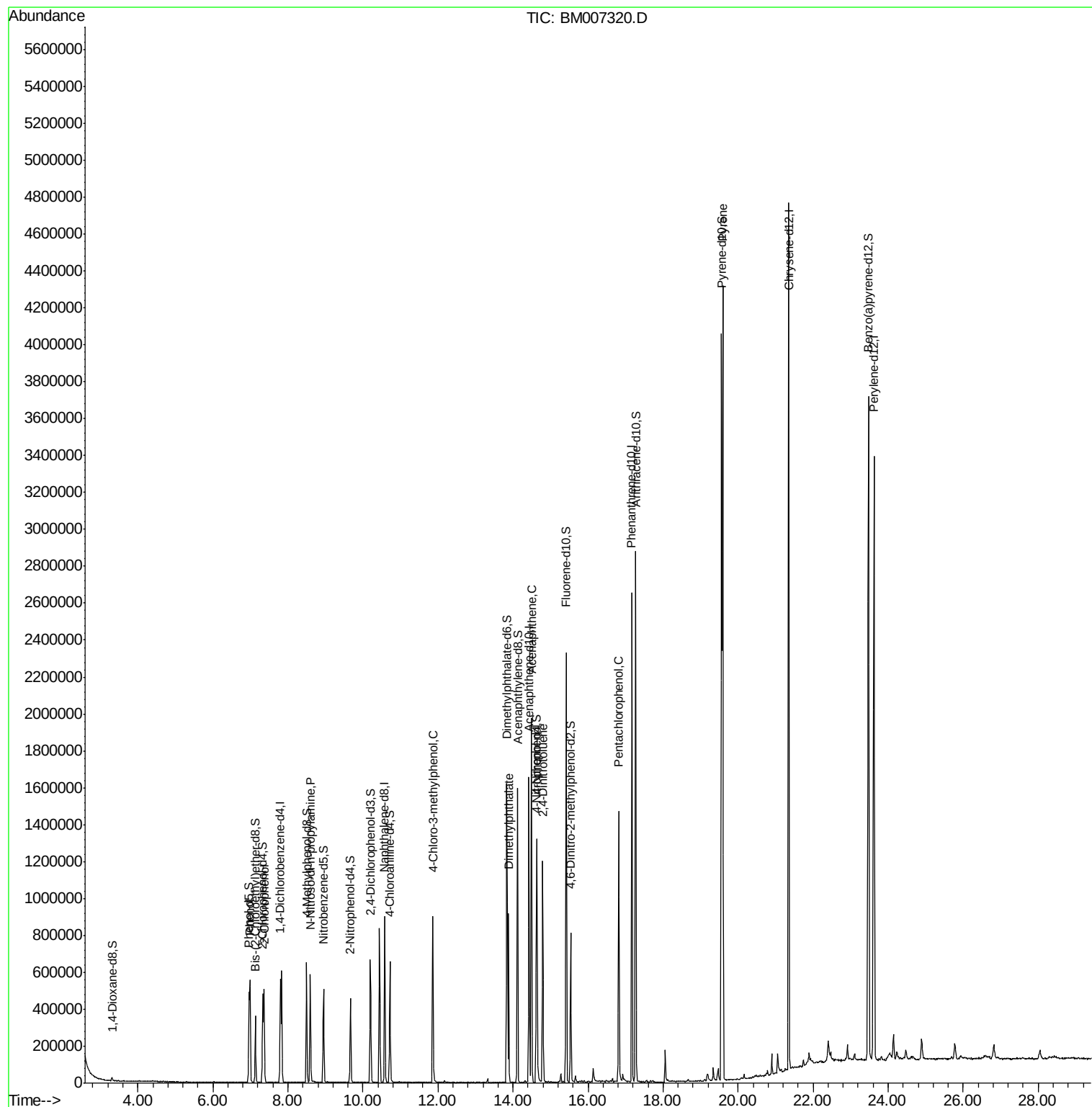
						Qvalue
6) Phenol	6.99	94	280921	19.83	ng/ul	94
10) 2-Chlorophenol	7.36	128	204432	19.77	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.59	70	217048	22.35	ng/ul	97
33) 4-Chloro-3-methylphenol	11.86	107	316878	21.03	ng/ul	93
44) Dimethylphthalate	13.88	163	547961	11.92	ng/ul	99
49) Acenaphthene	14.49	153	787243	21.99	ng/ul	99
52) 4-Nitrophenol	14.64	109	213234	23.01	ng/ul	85
54) 2,4-Dinitrotoluene	14.79	165	320004	22.23	ng/ul	96
68) Pentachlorophenol	16.82	266	256249	20.94	ng/ul	99
77) Pyrene	19.59	202	2660650	21.59	ng/ul	95

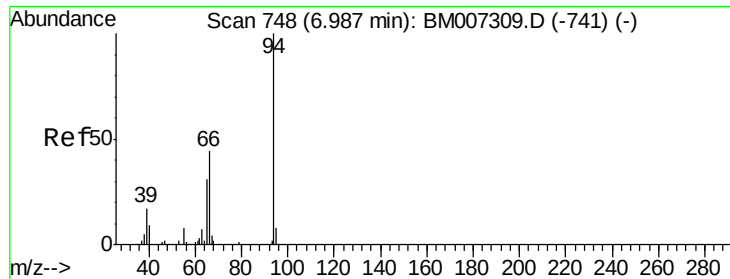
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 19.83 ng/ul

RT: 6.99 min Scan# 748

Delta R.T. 0.00 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

Instrument :

BNA_M

ClientSampleId :

DA285MS

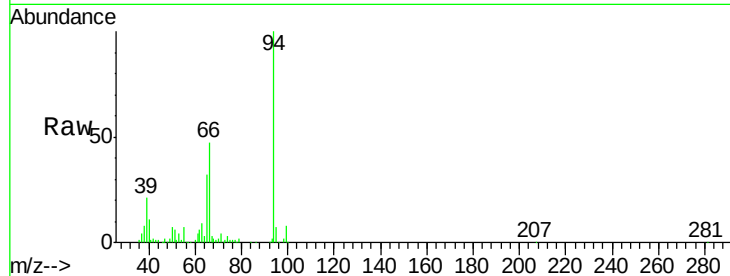
Tgt Ion: 94 Resp: 280921

Ion Ratio Lower Upper

94 100

65 31.7 23.9 35.9

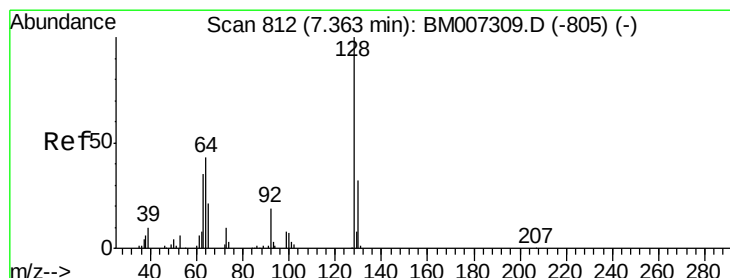
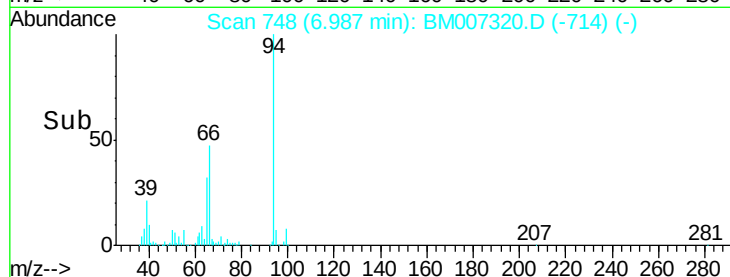
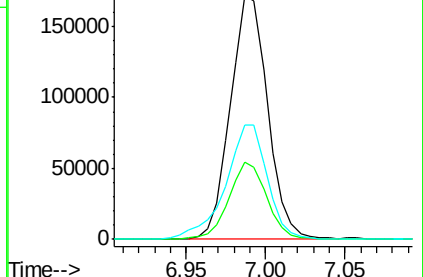
66 46.7 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007320.D (-714) (-)

Ion 65.00 (64.70 to 65.70): BM007320.D (-714) (-)

Ion 66.00 (65.70 to 66.70): BM007320.D (-714) (-)



#10

2-Chlorophenol

Concen: 19.77 ng/ul

RT: 7.36 min Scan# 812

Delta R.T. 0.00 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

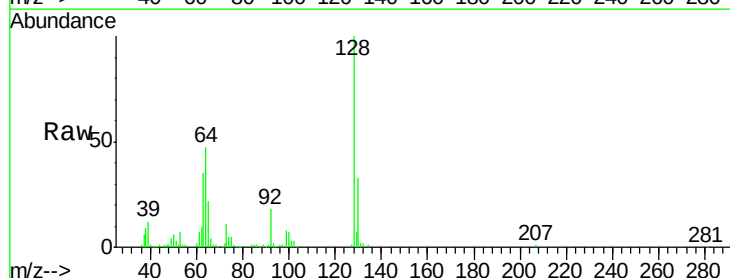
Tgt Ion: 128 Resp: 204432

Ion Ratio Lower Upper

128 100

64 47.4 37.5 56.3

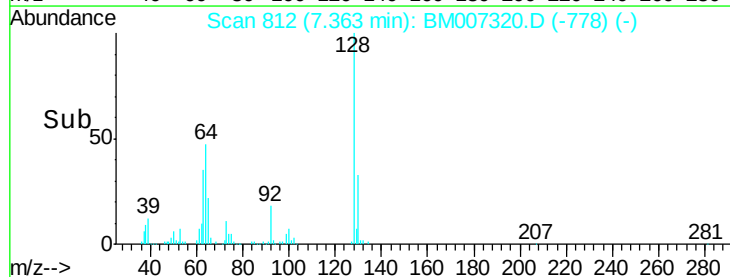
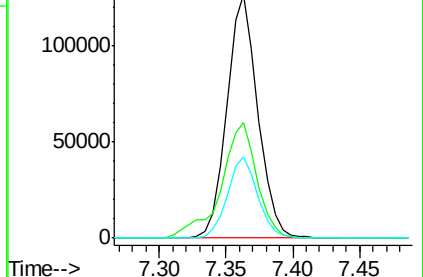
130 33.4 25.0 37.4

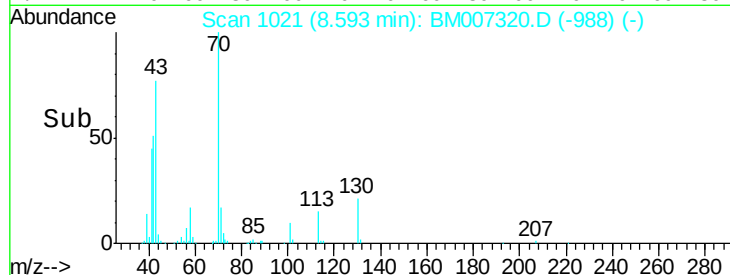
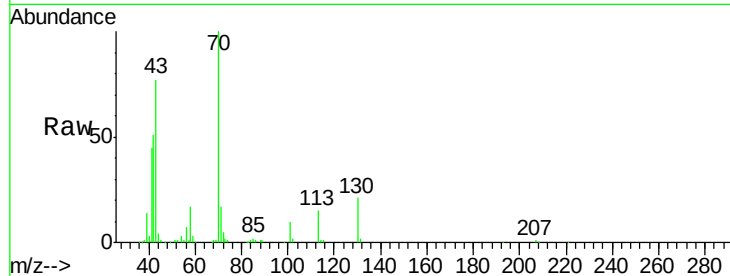
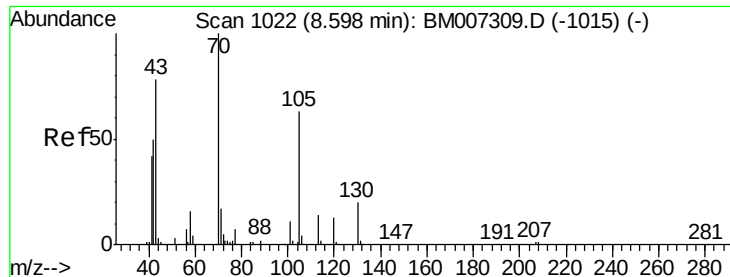


Abundance Ion 128.00 (127.70 to 128.70): BM007320.D (-778) (-)

Ion 64.00 (63.70 to 64.70): BM007320.D (-778) (-)

Ion 130.00 (129.70 to 130.70): BM007320.D (-778) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 22.35 ng/ul

RT: 8.59 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

Instrument :

BNA_M

ClientSampleId :

DA285MS

Tgt Ion: 70 Resp: 217048

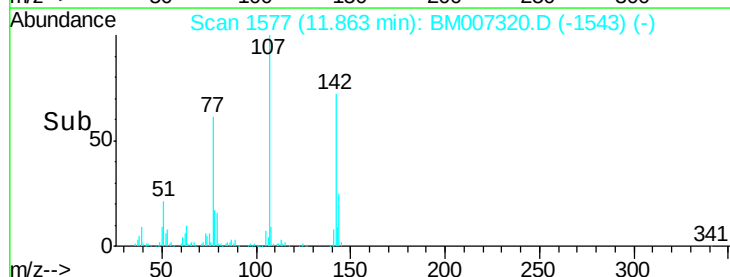
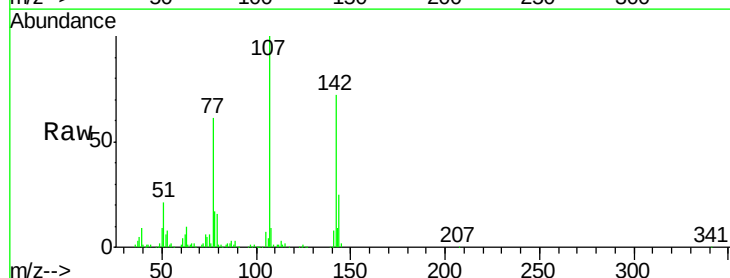
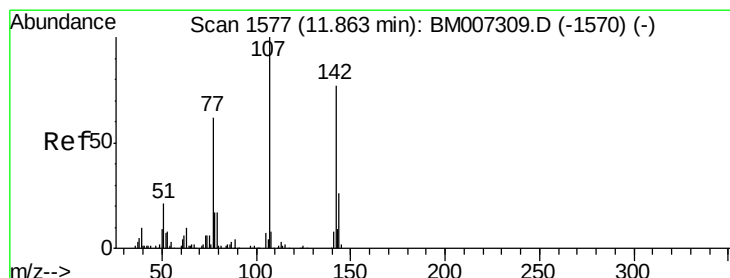
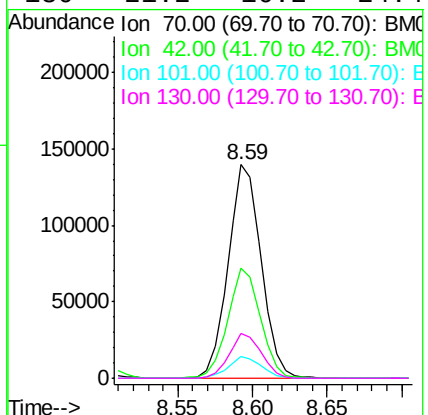
Ion	Ratio	Lower	Upper
70	100		
42	51.3	43.4	65.2
101	10.1	7.8	11.6
130	21.2	16.2	24.4

70 100

42 51.3 43.4 65.2

101 10.1 7.8 11.6

130 21.2 16.2 24.4



#33

4-Chloro-3-methylphenol

Concen: 21.03 ng/ul

RT: 11.86 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

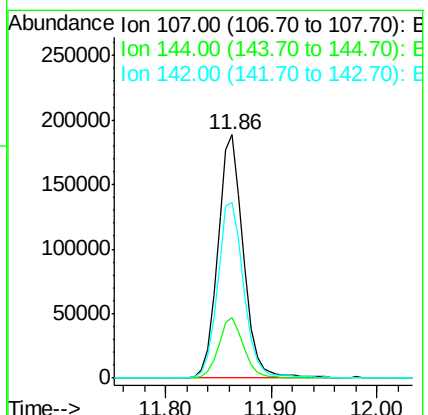
Tgt Ion: 107 Resp: 316878

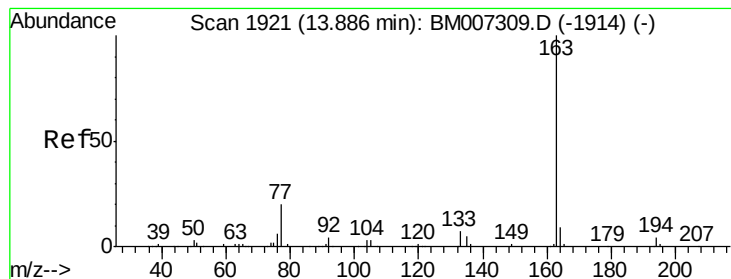
Ion	Ratio	Lower	Upper
107	100		
144	24.6	21.1	31.7
142	72.4	64.1	96.1

107 100

144 24.6 21.1 31.7

142 72.4 64.1 96.1





#44

Dimethylphthalate

Concen: 11.92 ng/ul

RT: 13.88 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

Instrument :

BNA_M

ClientSampleId :

DA285MS

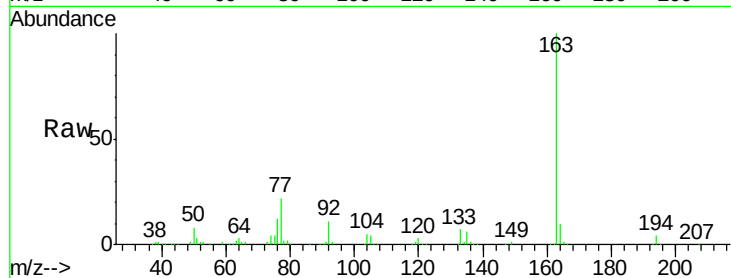
Tgt Ion:163 Resp: 547961

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

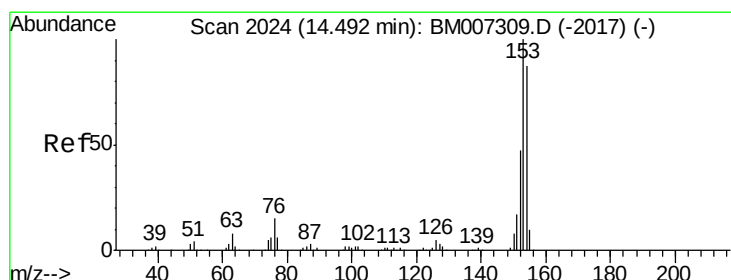
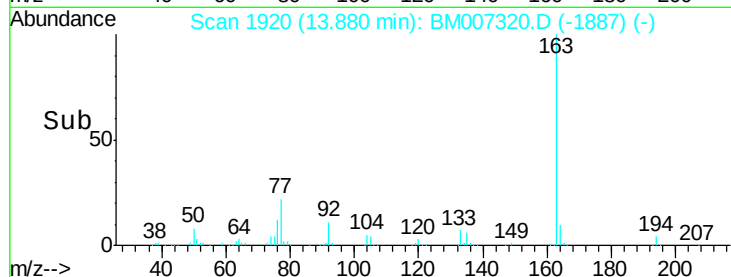
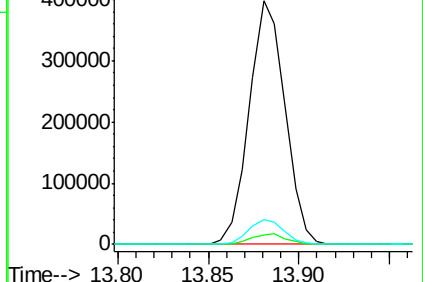
164 10.0 7.8 11.8



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



#49

Acenaphthene

Concen: 21.99 ng/ul

RT: 14.49 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

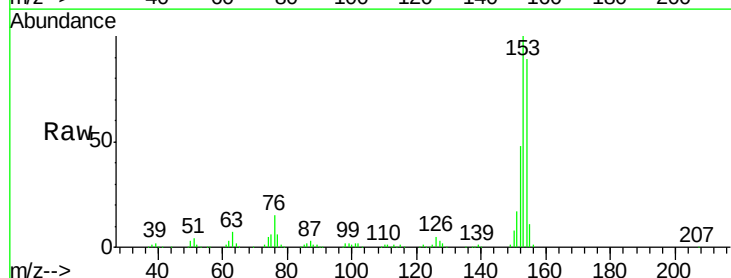
Tgt Ion:153 Resp: 787243

Ion Ratio Lower Upper

153 100

152 47.5 37.8 56.6

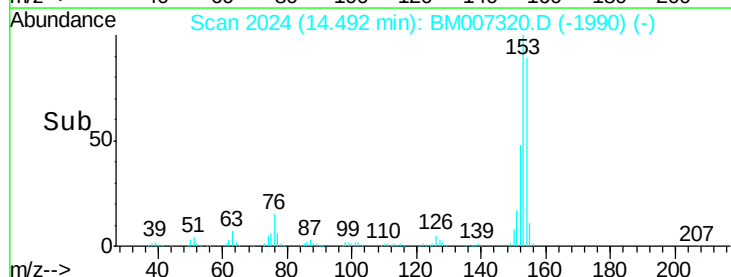
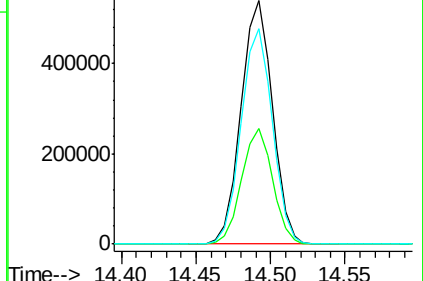
154 88.5 71.4 107.0

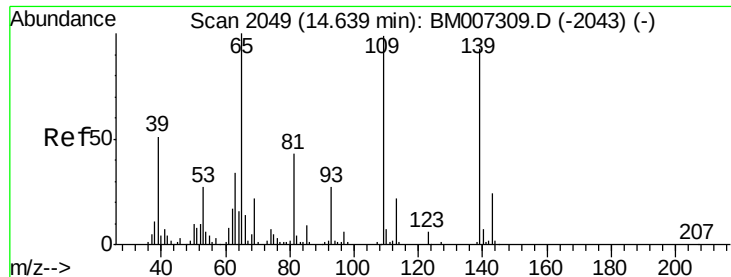


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 23.01 ng/ul

RT: 14.64 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

Instrument :

BNA_M

ClientSampleId :

DA285MS

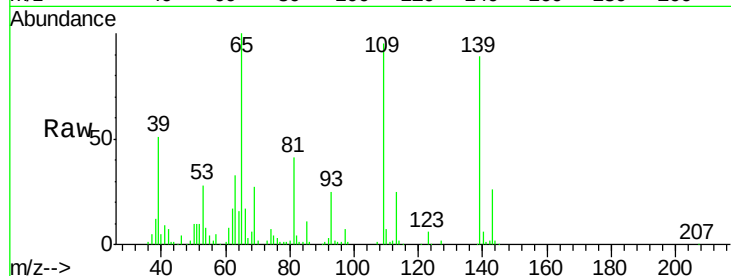
Tgt Ion:109 Resp: 213234

Ion Ratio Lower Upper

109 100

139 93.8 88.7 133.1

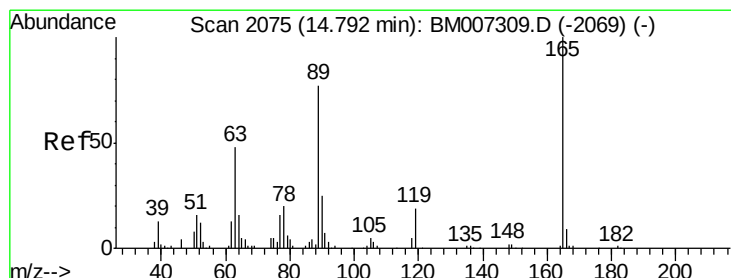
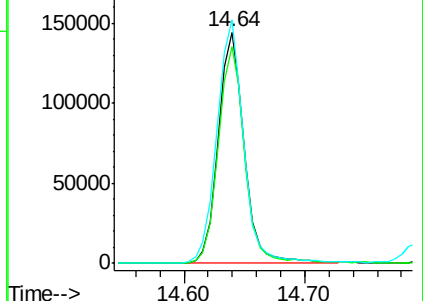
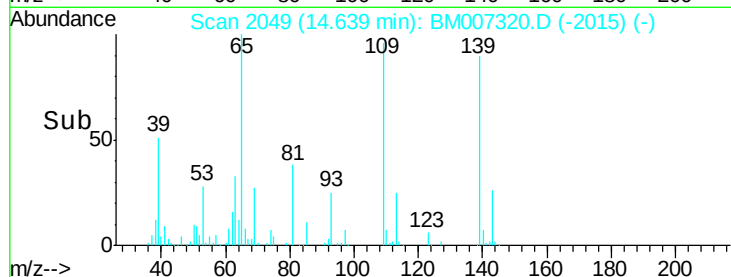
65 105.4 96.4 144.6



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: 22.23 ng/ul

RT: 14.79 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BM007320.D

Acq: 29 Aug 2016 21:57

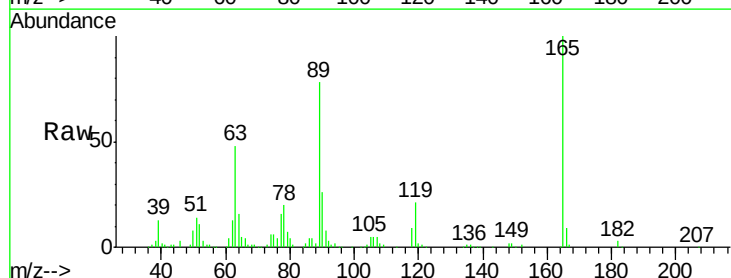
Tgt Ion:165 Resp: 320004

Ion Ratio Lower Upper

165 100

63 47.6 36.2 54.2

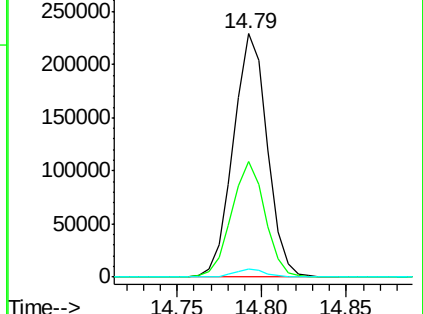
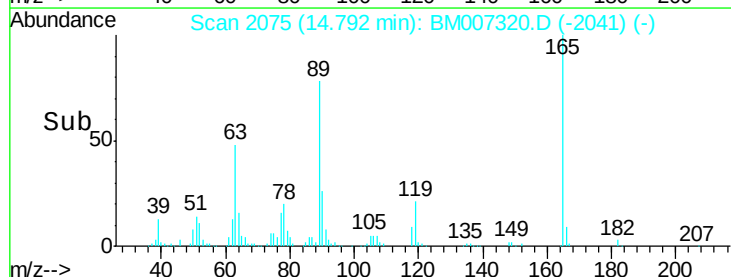
182 3.3 2.2 3.4

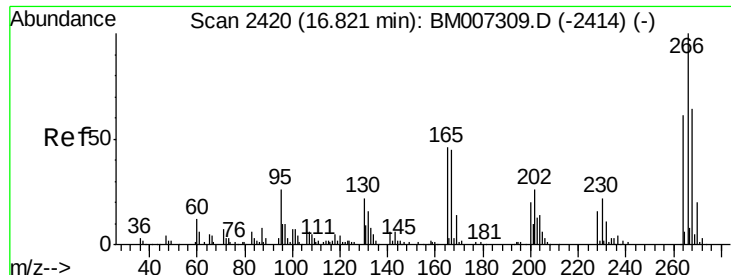


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

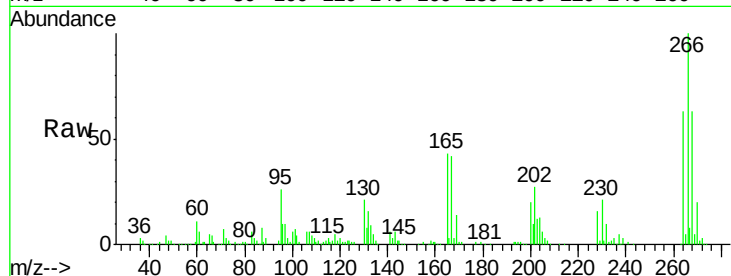




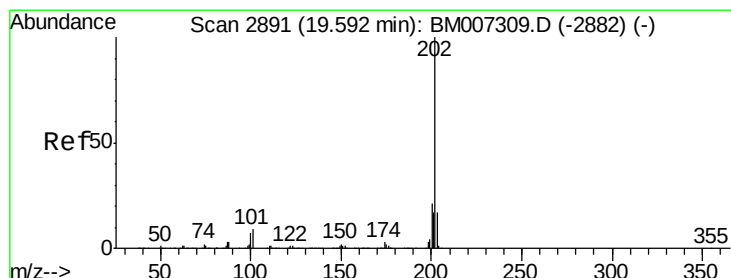
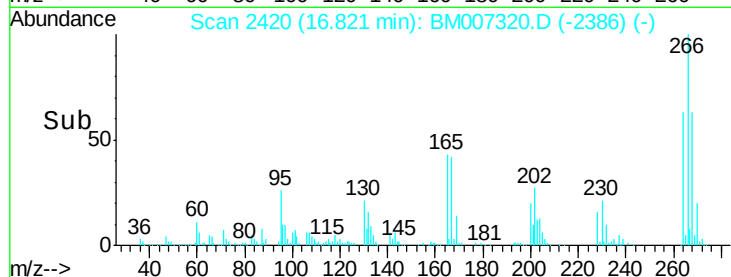
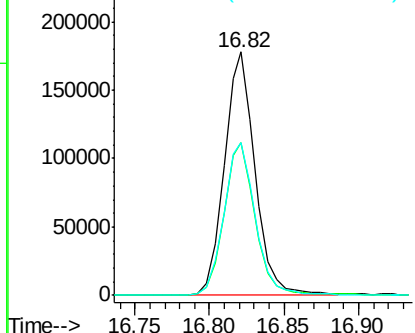
#68
 Pentachlorophenol
 Concen: 20.94 ng/ul
 RT: 16.82 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BM007320.D
 Acq: 29 Aug 2016 21:57

Instrument :
 BNA_M
 ClientSampleId :
 DA285MS

Tgt Ion:266 Resp: 256249
 Ion Ratio Lower Upper
 266 100
 264 62.8 50.6 75.8
 268 63.0 51.0 76.6

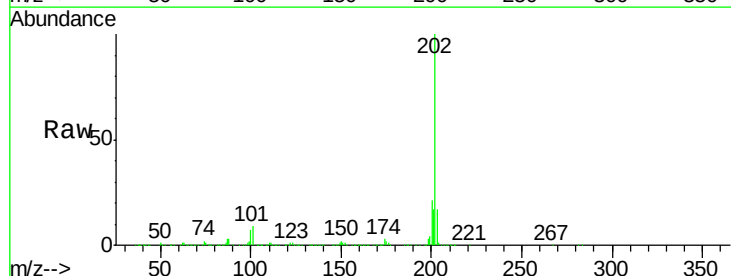


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 21.59 ng/ul
 RT: 19.59 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BM007320.D
 Acq: 29 Aug 2016 21:57

Tgt Ion:202 Resp: 2660650
 Ion Ratio Lower Upper
 202 100
 101 8.7 8.4 12.6
 100 7.0 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

