

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092016\
 Data File : BM007494.D
 Acq On : 20 Sep 2016 13:39
 Operator : UM/SJ
 Sample : H4830-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4VH2MS

Quant Time: Sep 20 16:18:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 20 01:35:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	175675	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	830568	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	654590	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1484821	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	2141076	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	2218023	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	4621	1.34	ng/uL	0.00
5) Phenol-d5	6.96	99	98307	5.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	228466	26.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	254567	20.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	195142	13.48	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	167889	27.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	194594	27.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	339130	23.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	779	0.04	ng/ul	0.04
43) Dimethylphthalate-d6	13.83	166	1427969	25.29	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1626598	24.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	51679	4.85	ng/ul	0.00
57) Fluorene-d10	15.41	176	1222858	25.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	252037	26.99	ng/ul	0.00
70) Anthracene-d10	17.26	188	2080392	29.99	ng/ul	0.00
76) Pyrene-d10	19.56	212	2600648	29.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	3005094	29.42	ng/ul	0.00

Target Compounds

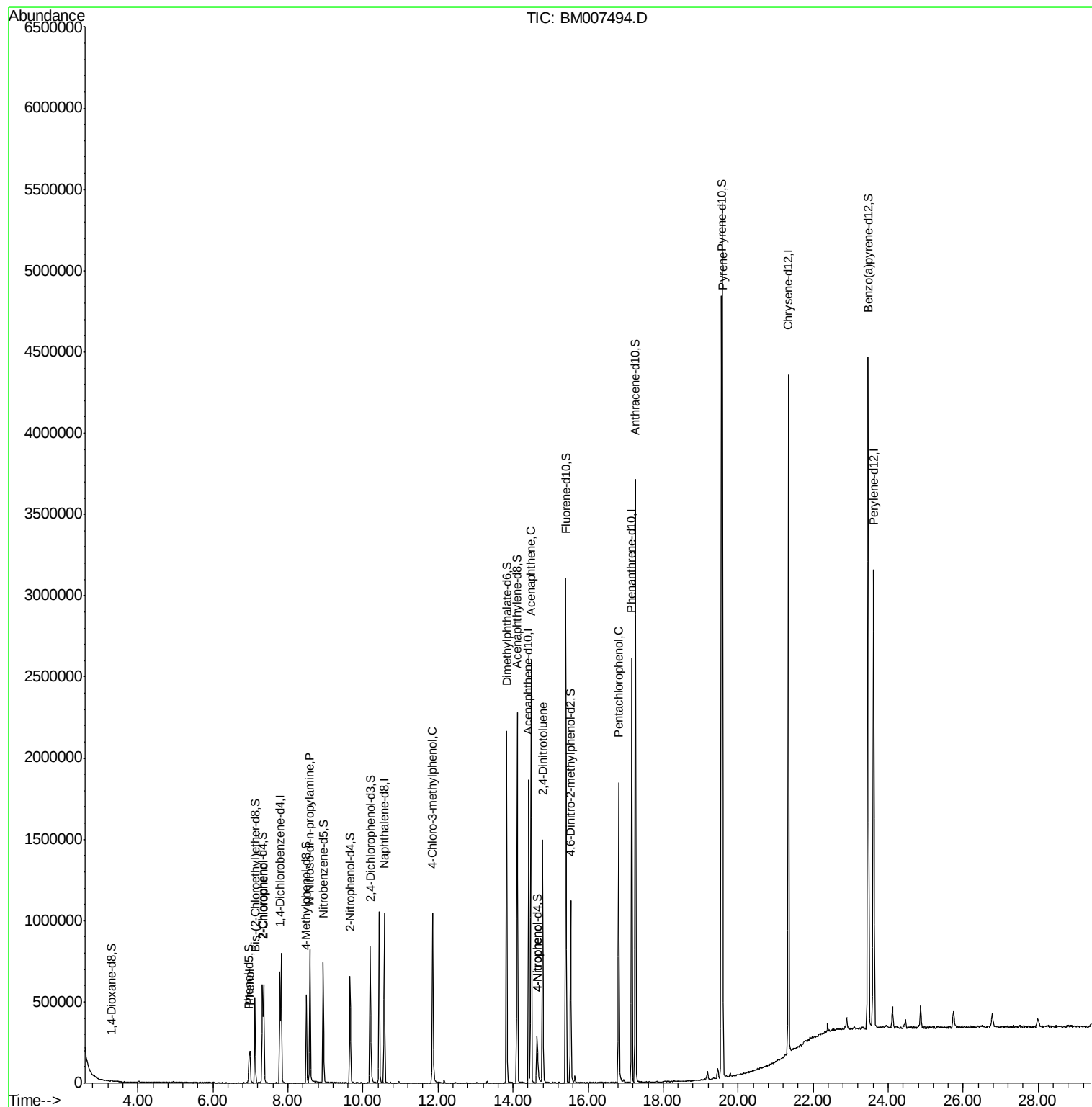
						Qvalue
6) Phenol	6.99	94	106474	6.19	ng/ul	99
10) 2-Chlorophenol	7.36	128	258773	20.60	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	310257	26.30	ng/ul	95
33) 4-Chloro-3-methylphenol	11.86	107	389704	22.36	ng/ul	94
49) Acenaphthene	14.48	153	1077165	24.58	ng/ul	99
52) 4-Nitrophenol	14.64	109	53564	4.72	ng/ul	95
54) 2,4-Dinitrotoluene	14.79	165	422844	23.99	ng/ul	98
68) Pentachlorophenol	16.82	266	326457	26.95	ng/ul	99
77) Pyrene	19.59	202	3219655	28.03	ng/ul	97

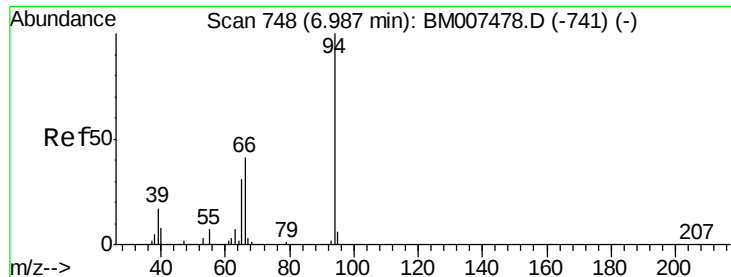
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.19 ng/ul

RT: 6.99 min Scan# 748

Delta R.T. -0.00 min

Lab File: BM007494.D

Acq: 20 Sep 2016 13:39

Instrument :

BNA_M

ClientSampleId :

A4VH2MS

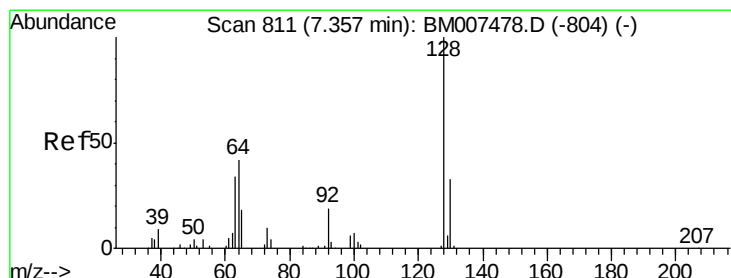
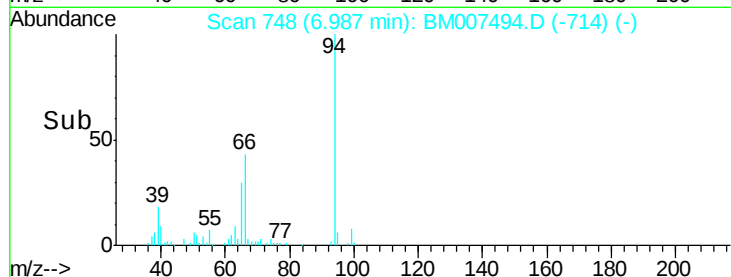
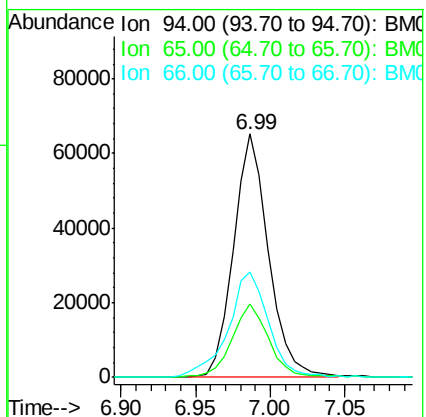
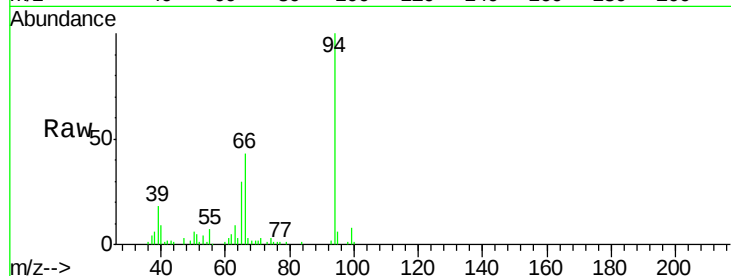
Tgt Ion: 94 Resp: 106474

Ion Ratio Lower Upper

94 100

65 30.0 23.9 35.9

66 43.2 33.5 50.3



#10

2-Chlorophenol

Concen: 20.60 ng/ul

RT: 7.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BM007494.D

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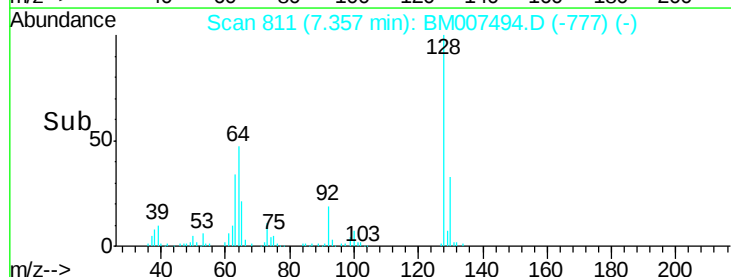
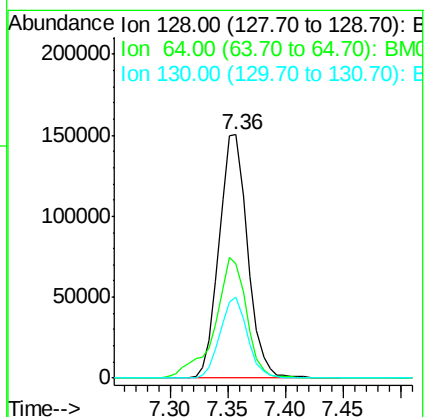
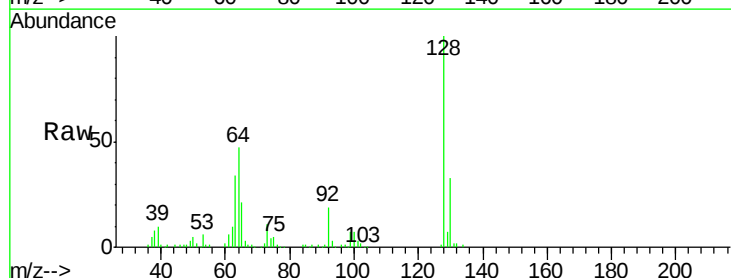
Tgt Ion: 128 Resp: 258773

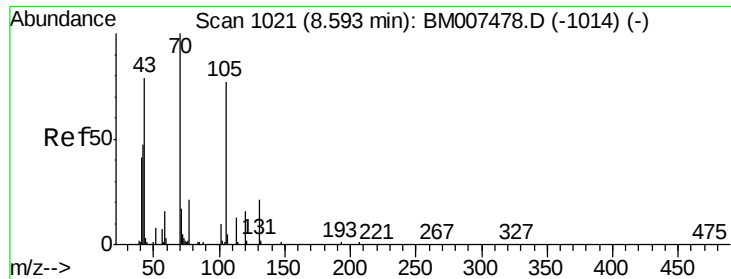
Ion Ratio Lower Upper

128 100

64 47.0 37.5 56.3

130 33.2 25.0 37.4

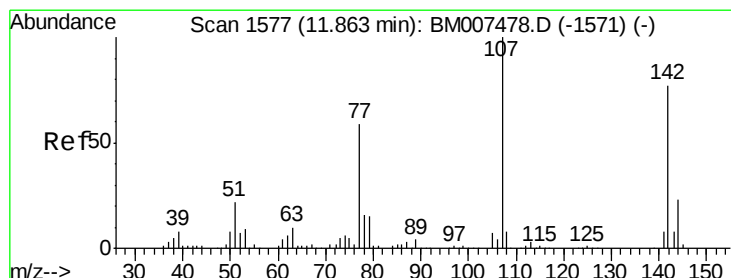
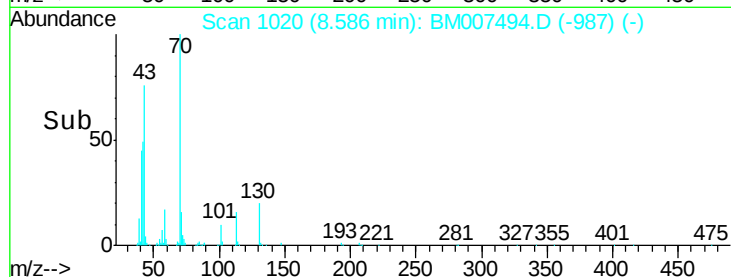
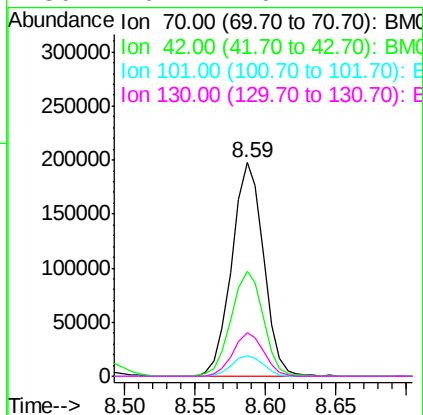
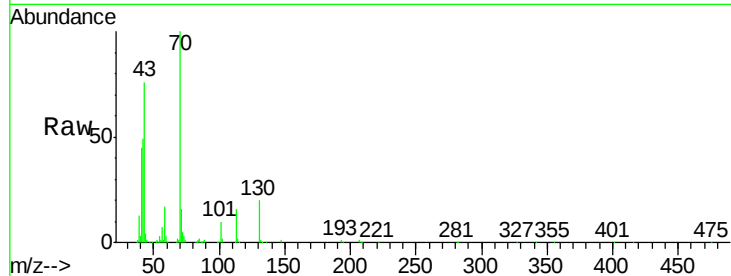




#15
N-Nitroso-di-n-propylamine
Concen: 26.30 ng/ul
RT: 8.59 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM007494.D
Acq: 20 Sep 2016 13:39

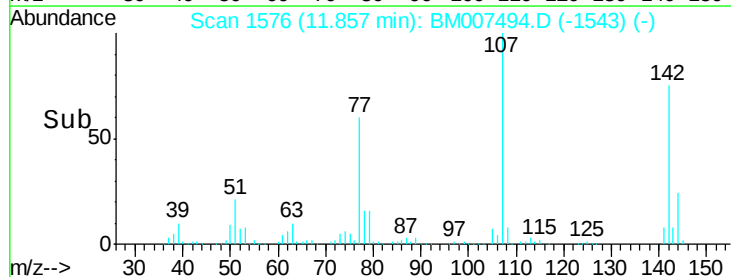
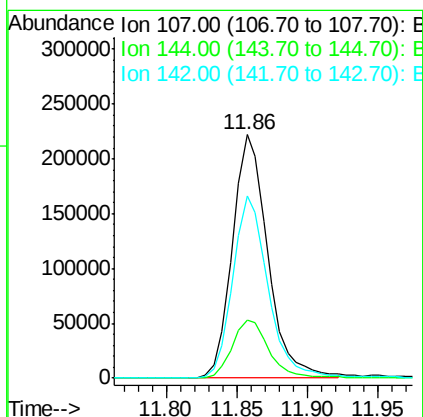
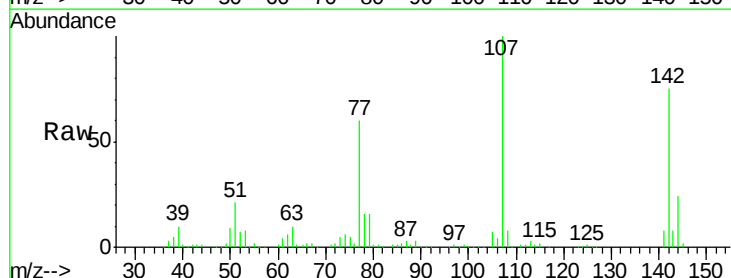
Instrument :
BNA_M
ClientSampleId :
A4VH2MS

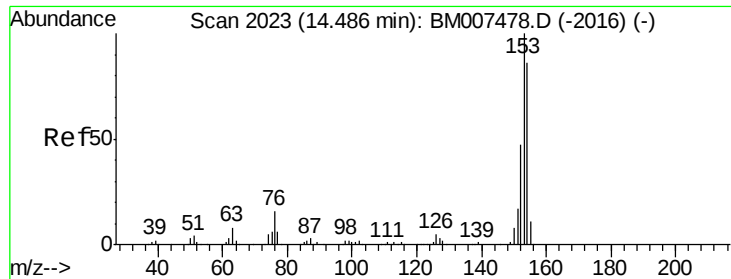
Tgt Ion:	70	Resp:	310257
Ion	Ratio	Lower	Upper
70	100		
42	49.2	43.4	65.2
101	9.6	7.8	11.6
130	20.4	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 22.36 ng/ul
RT: 11.86 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM007494.D
Acq: 20 Sep 2016 13:39

Tgt Ion:	107	Resp:	389704
Ion	Ratio	Lower	Upper
107	100		
144	23.8	21.1	31.7
142	74.7	64.1	96.1





#49

Acenaphthene

Concen: 24.58 ng/ul

RT: 14.48 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BM007494.D

Acq: 20 Sep 2016 13:39

Instrument :

BNA_M

ClientSampleId :

A4VH2MS

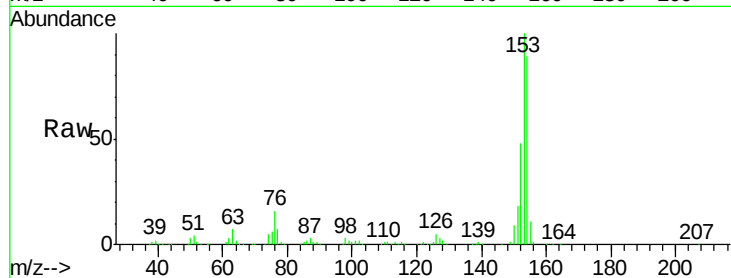
Tgt Ion:153 Resp: 1077165

Ion Ratio Lower Upper

153 100

152 48.2 37.8 56.6

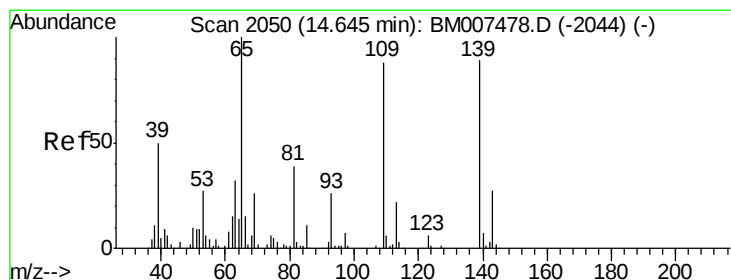
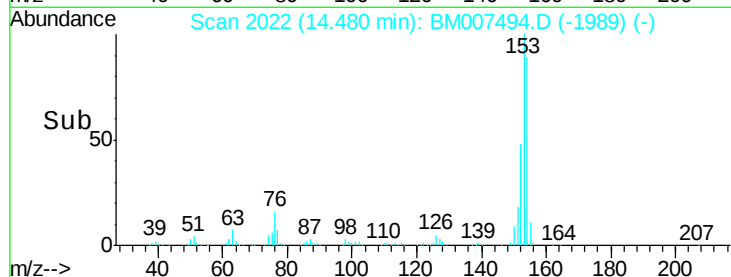
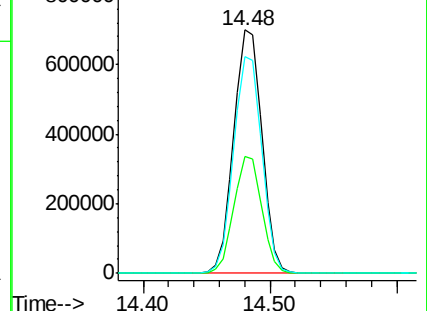
154 89.2 71.4 107.0



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: 4.72 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BM007494.D

Acq: 20 Sep 2016 13:39

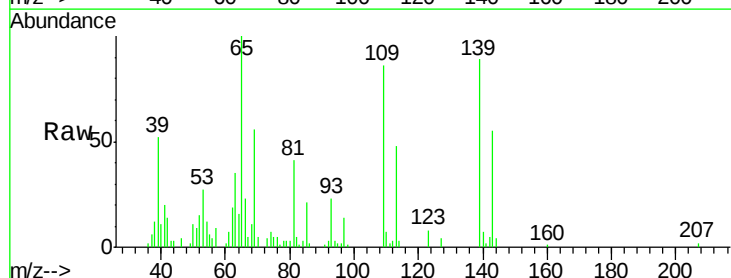
Tgt Ion:109 Resp: 53564

Ion Ratio Lower Upper

109 100

139 103.7 88.7 133.1

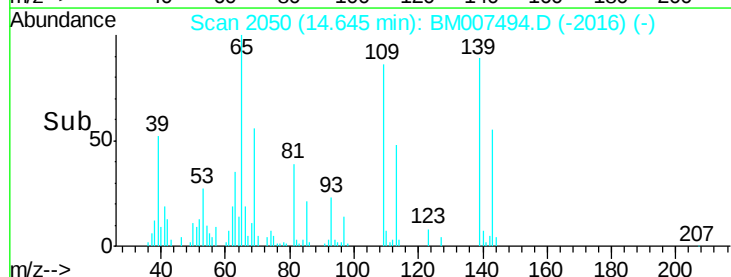
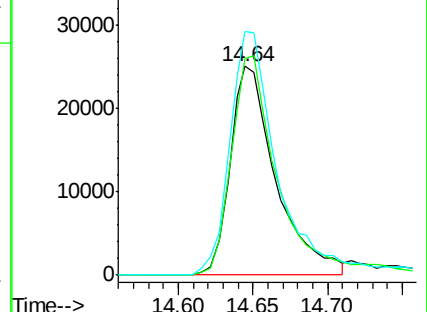
65 116.6 96.4 144.6

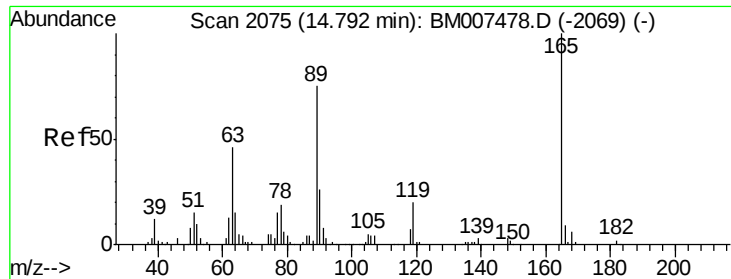


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

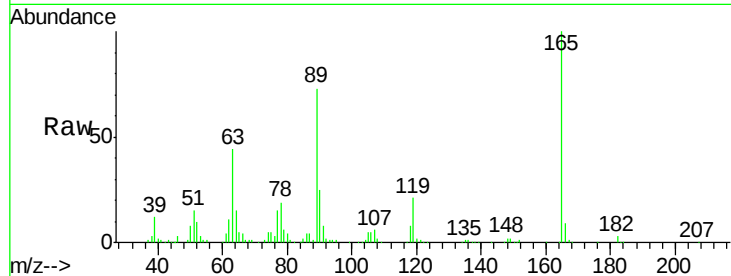




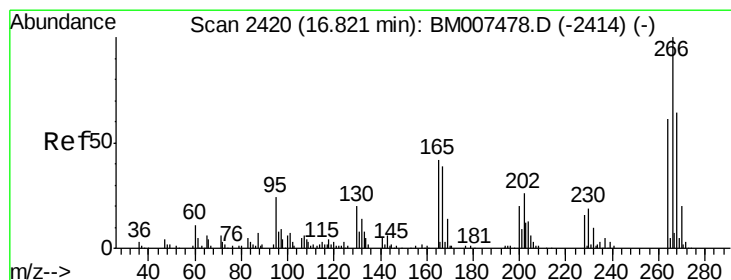
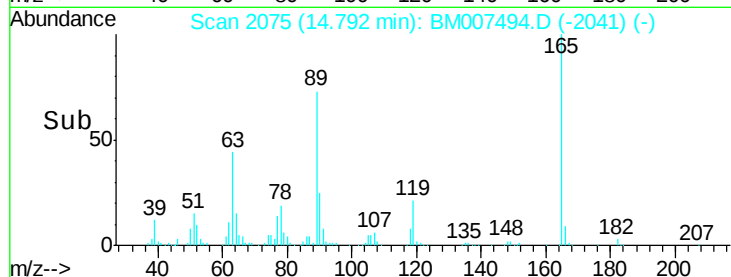
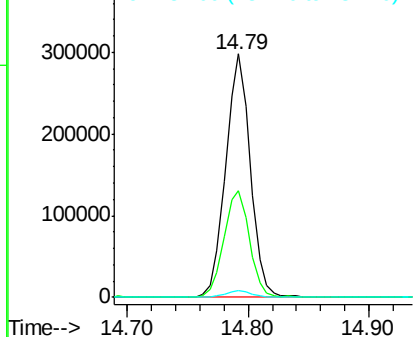
#54
 2,4-Dinitrotoluene
 Concen: 23.99 ng/ul
 RT: 14.79 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BM007494.D
 Acq: 20 Sep 2016 13:39

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:165 Resp: 422844
 Ion Ratio Lower Upper
 165 100
 63 44.0 36.2 54.2
 182 2.6 2.2 3.4

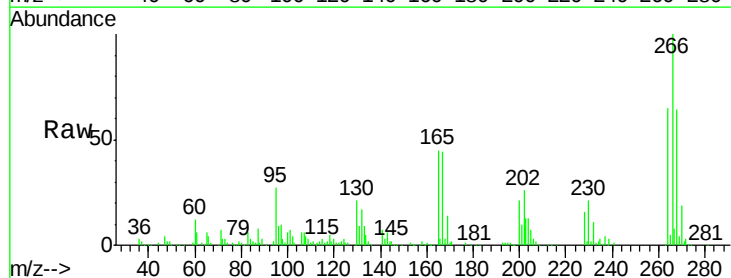


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 182.00 (181.70 to 182.70): E

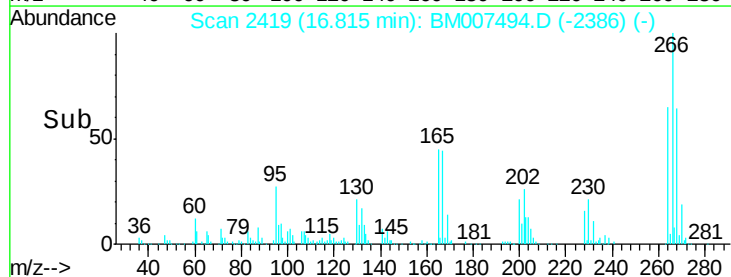
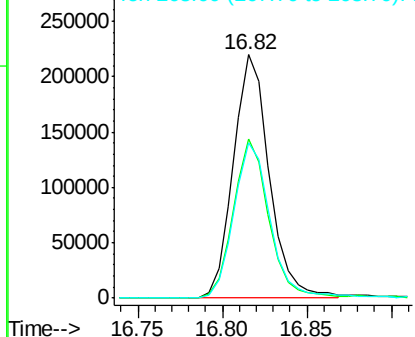


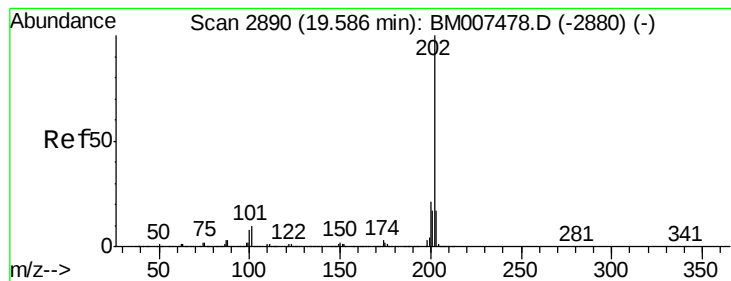
#68
 Pentachlorophenol
 Concen: 26.95 ng/ul
 RT: 16.82 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BM007494.D
 Acq: 20 Sep 2016 13:39

Tgt Ion:266 Resp: 326457
 Ion Ratio Lower Upper
 266 100
 264 65.2 50.6 75.8
 268 63.7 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: 28.03 ng/ul

RT: 19.59 min Scan# 2890

Delta R.T. -0.00 min

Lab File: BM007494.D

Acq: 20 Sep 2016 13:39

Instrument :

BNA_M

ClientSampleId :

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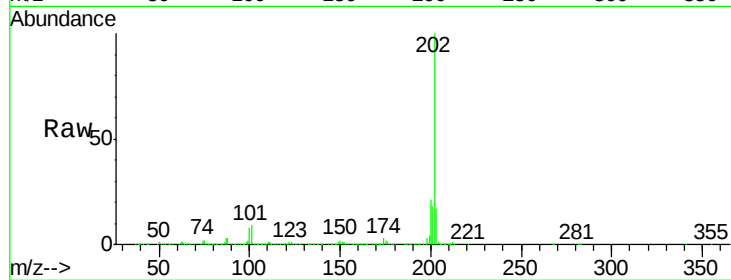
Tgt Ion: 202 Resp: 3219655

Ion Ratio Lower Upper

202 100

101 9.4 8.4 12.6

100 7.8 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

