

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082916\
 Data File : BM007327.D
 Acq On : 30 Aug 2016 02:10
 Operator : UM/SJ
 Sample : H4587-03MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA289MS

Quant Time: Aug 30 04:04:02 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 30 04:03:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	174527	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	867427	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	648980	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1796908	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2690340	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2918350	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	2856	0.84	ng/uL	0.00
5) Phenol-d5	6.96	99	62219	3.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	179210	20.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	190391	15.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	135963	9.46	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	137522	21.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	160183	21.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	280991	18.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	1327	0.07	ng/ul	0.01
43) Dimethylphthalate-d6	13.83	166	1316592	23.52	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1440483	22.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	44066	4.17	ng/ul	0.00
57) Fluorene-d10	15.42	176	1146584	23.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	245934	21.77	ng/ul	0.00
70) Anthracene-d10	17.27	188	2069910	24.66	ng/ul	0.00
76) Pyrene-d10	19.56	212	2727508	24.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	3340957	24.86	ng/ul	0.00

Target Compounds

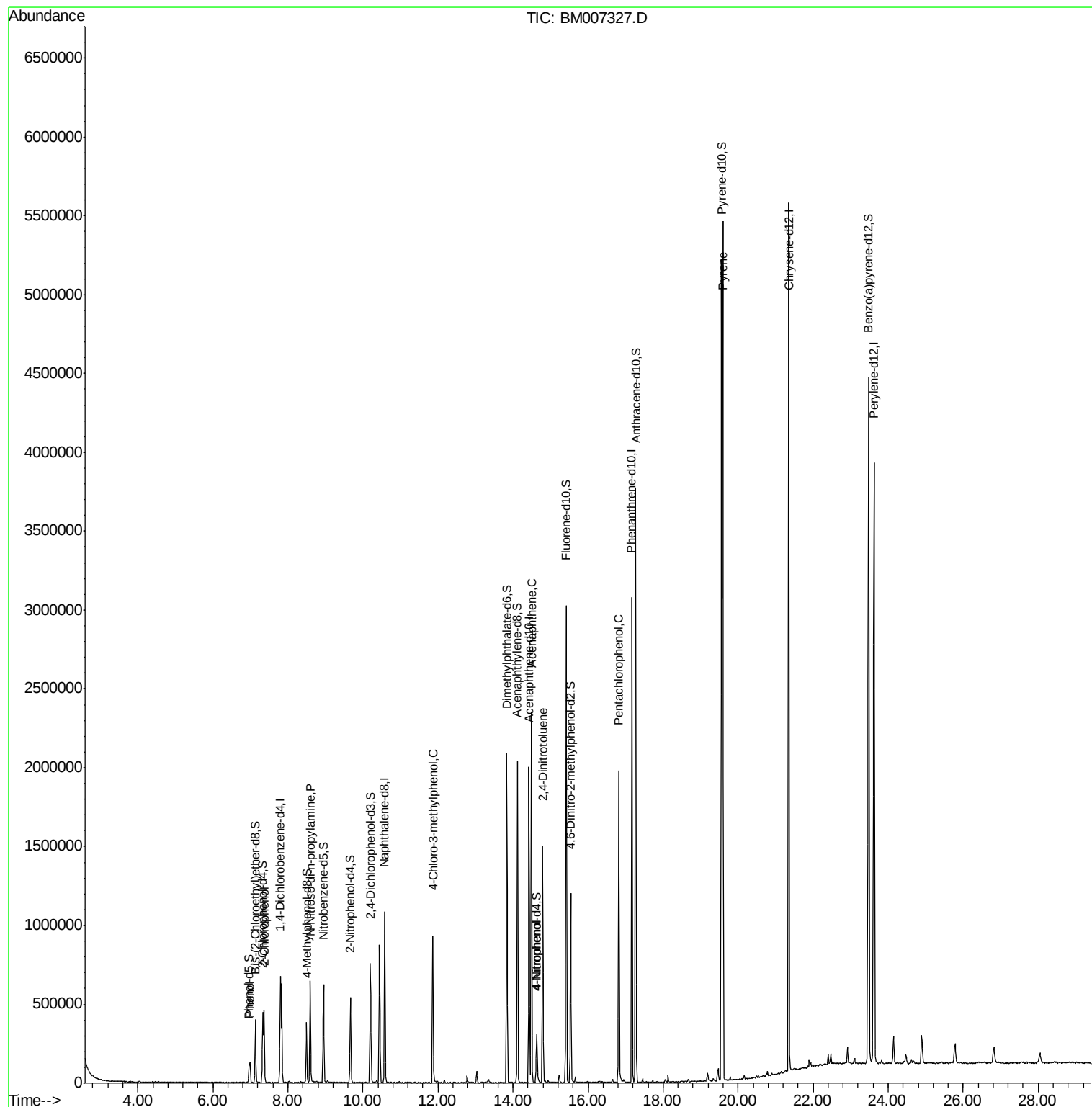
						Qvalue
6) Phenol	6.99	94	66094	3.87	ng/ul	93
10) 2-Chlorophenol	7.36	128	186926	14.98	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.59	70	241050	20.57	ng/ul	96
33) 4-Chloro-3-methylphenol	11.86	107	322819	17.74	ng/ul	96
49) Acenaphthene	14.49	153	924384	21.27	ng/ul	99
52) 4-Nitrophenol	14.64	109	50831	4.52	ng/ul#	78
54) 2,4-Dinitrotoluene	14.79	165	408834	23.40	ng/ul	99
68) Pentachlorophenol	16.82	266	337330	23.01	ng/ul	99
77) Pyrene	19.59	202	3251927	22.53	ng/ul	96

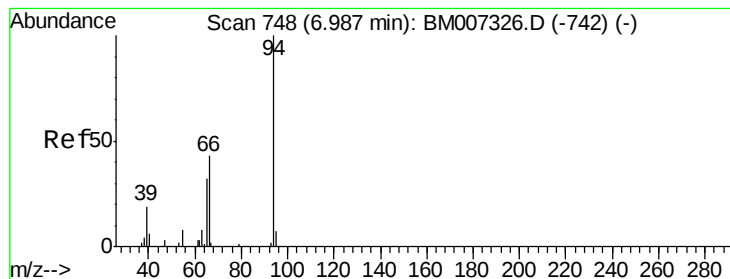
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.87 ng/ul

RT: 6.99 min Scan# 748

Delta R.T. 0.00 min

Lab File: BM007327.D

Acq: 30 Aug 2016 02:10

Instrument :

BNA_M

ClientSampleId :

DA289MS

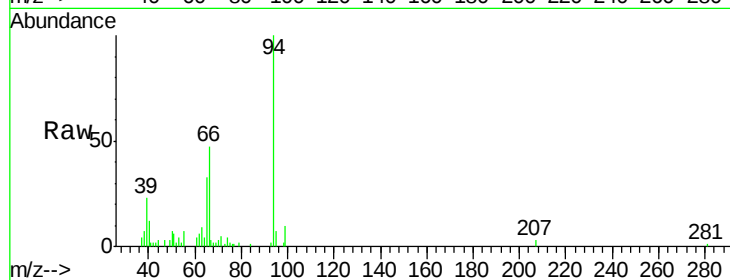
Tgt Ion: 94 Resp: 66094

Ion Ratio Lower Upper

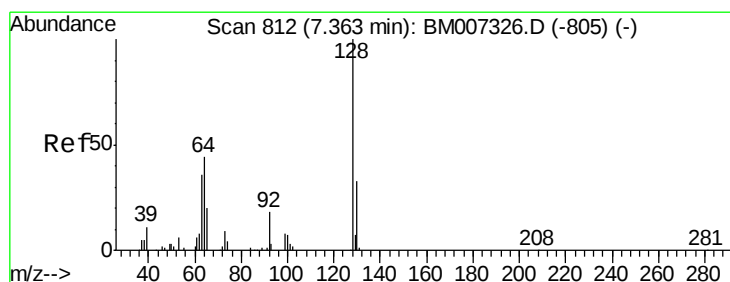
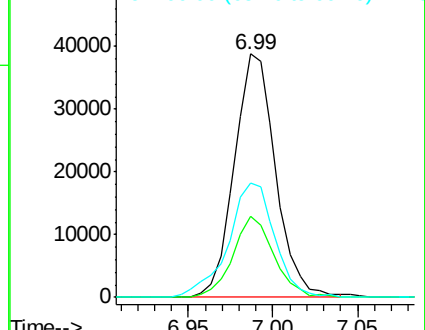
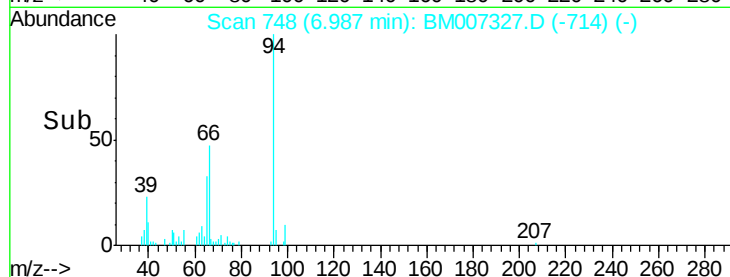
94 100

65 33.2 23.9 35.9

66 47.0 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007327.D (-714) (-)



#10

2-Chlorophenol

Concen: 14.98 ng/ul

RT: 7.36 min Scan# 812

Delta R.T. 0.00 min

Lab File: BM007327.D

Acq: 30 Aug 2016 02:10

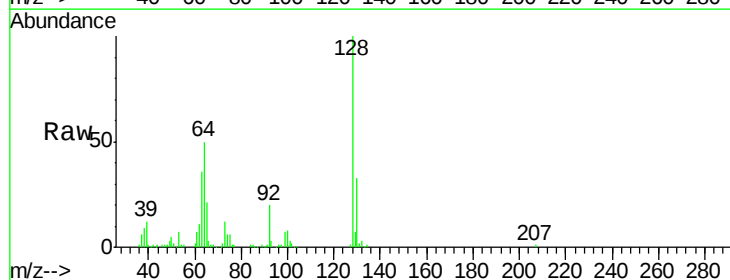
Tgt Ion: 128 Resp: 186926

Ion Ratio Lower Upper

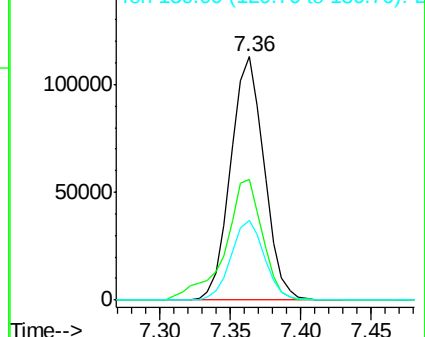
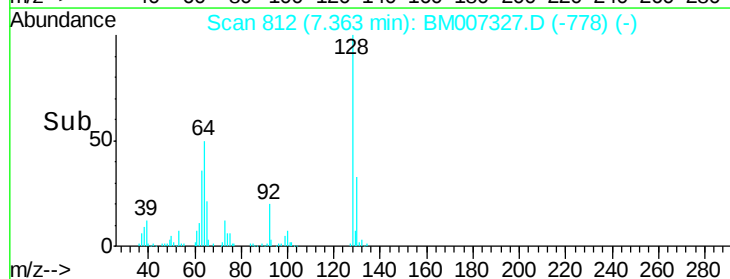
128 100

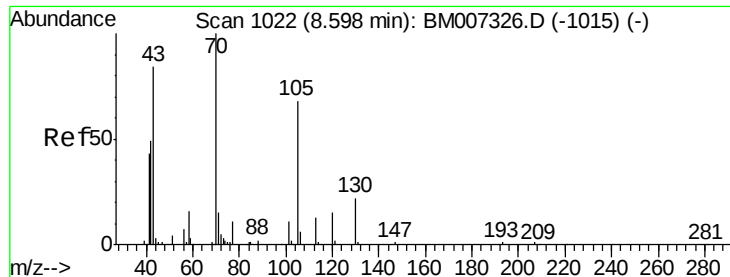
64 49.5 37.5 56.3

130 32.9 25.0 37.4



Abundance Ion 128.00 (127.70 to 128.70): BM007327.D (-778) (-)

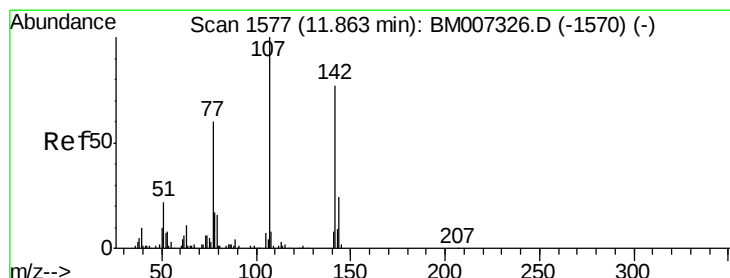
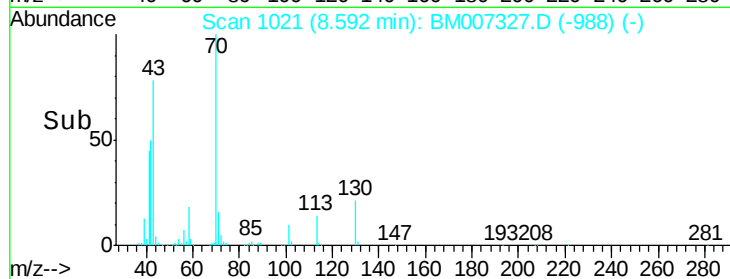
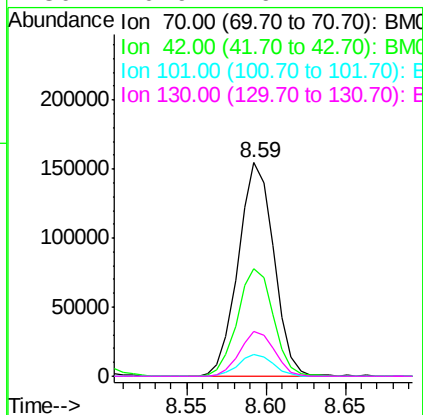
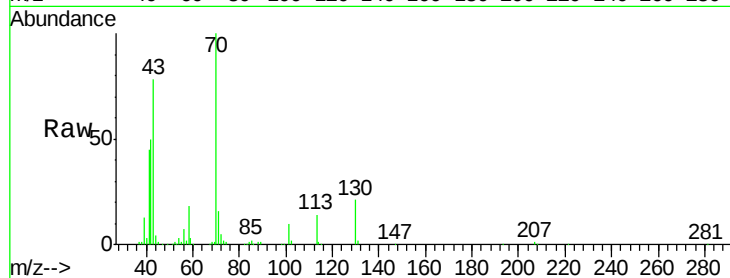




#15
N-Nitroso-di-n-propylamine
Concen: 20.57 ng/ul
RT: 8.59 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM007327.D
Acq: 30 Aug 2016 02:10

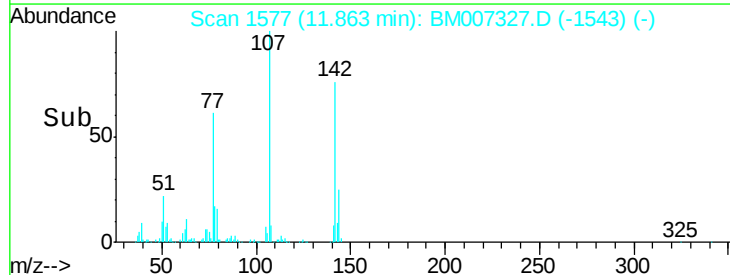
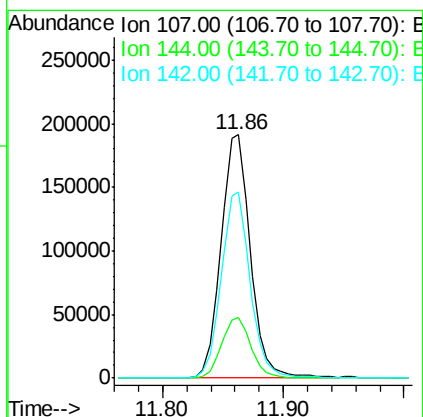
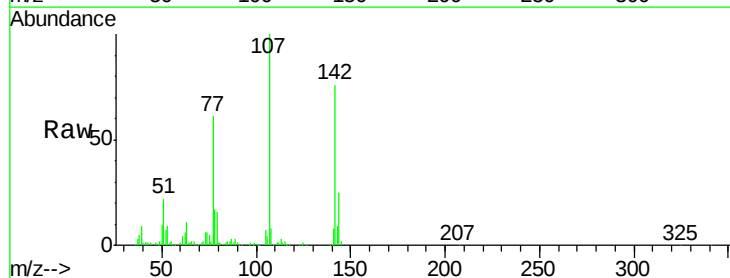
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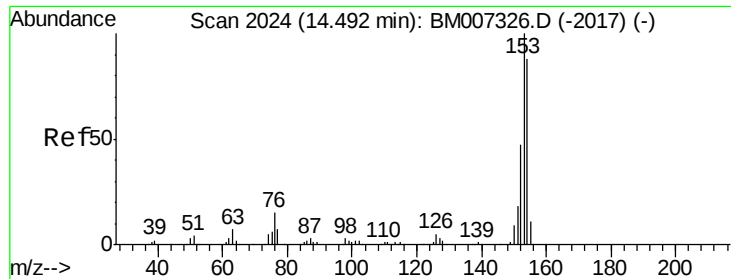
Tgt Ion:	70	Resp:	241050
Ion	Ratio	Lower	Upper
70	100		
42	50.2	43.4	65.2
101	10.2	7.8	11.6
130	20.9	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 17.74 ng/ul
RT: 11.86 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BM007327.D
Acq: 30 Aug 2016 02:10

Tgt Ion:	107	Resp:	322819
Ion	Ratio	Lower	Upper
107	100		
144	24.9	21.1	31.7
142	76.4	64.1	96.1





#49

Acenaphthene

Concen: 21.27 ng/ul

RT: 14.49 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BM007327.D

Acq: 30 Aug 2016 02:10

Instrument :

BNA_M

ClientSampleId :

DA289MS

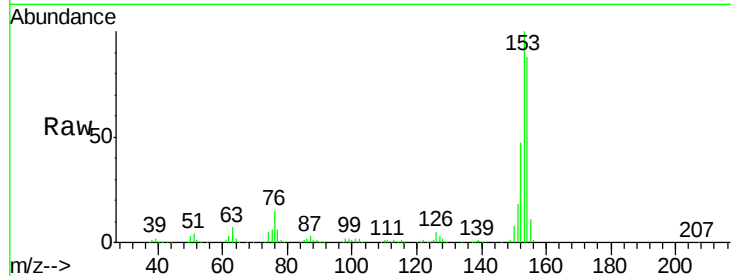
Tgt Ion:153 Resp: 924384

Ion Ratio Lower Upper

153 100

152 47.0 37.8 56.6

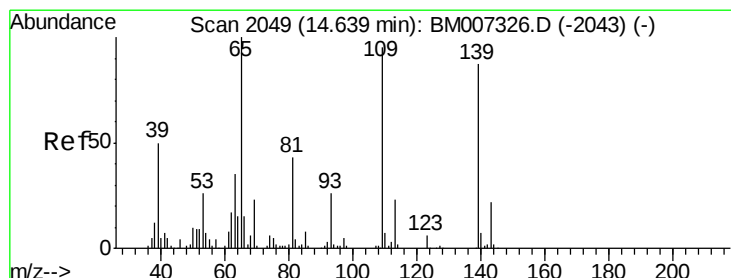
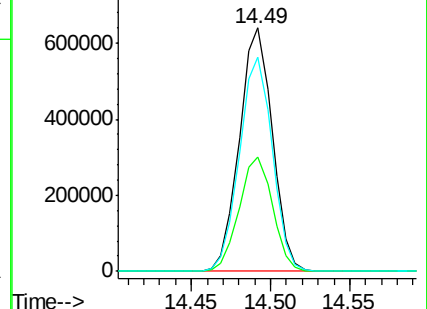
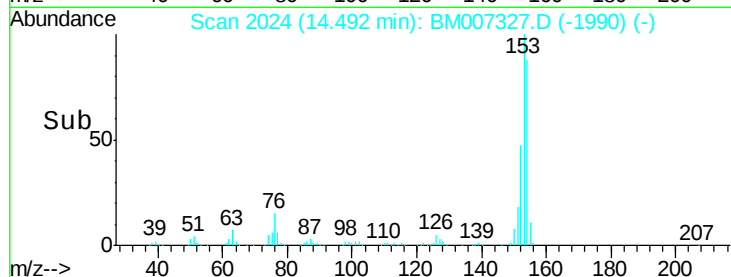
154 87.8 71.4 107.0



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: 4.52 ng/ul

RT: 14.64 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BM007327.D

Acq: 30 Aug 2016 02:10

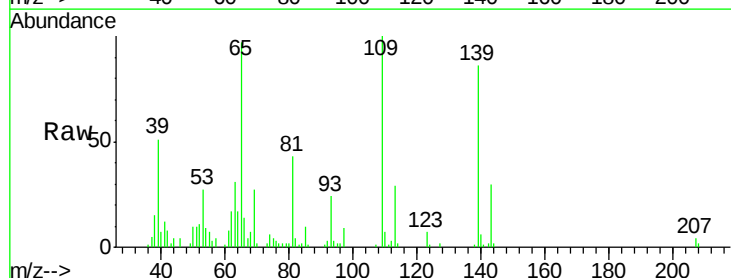
Tgt Ion:109 Resp: 50831

Ion Ratio Lower Upper

109 100

139 85.5 88.7 133.1#

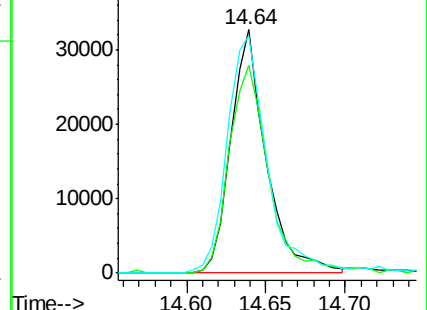
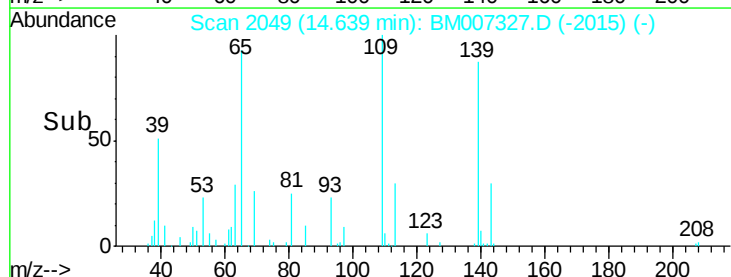
65 97.4 96.4 144.6

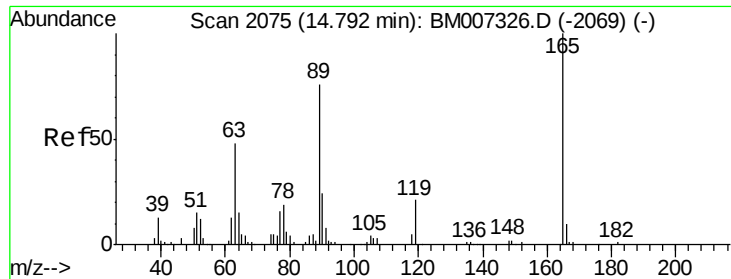


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

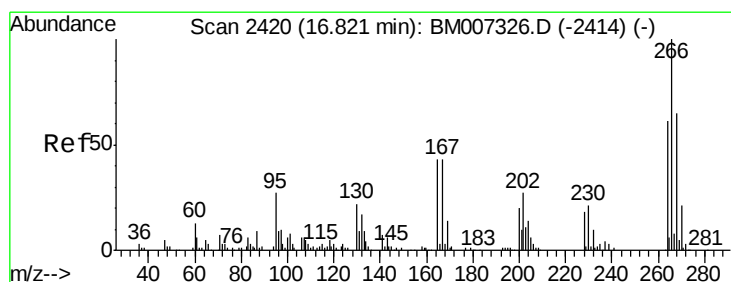
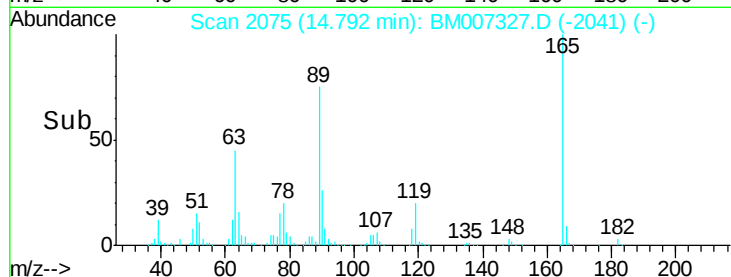
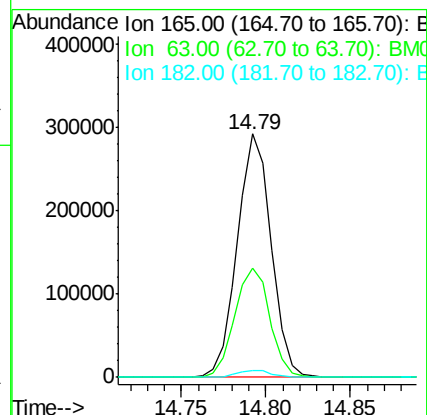
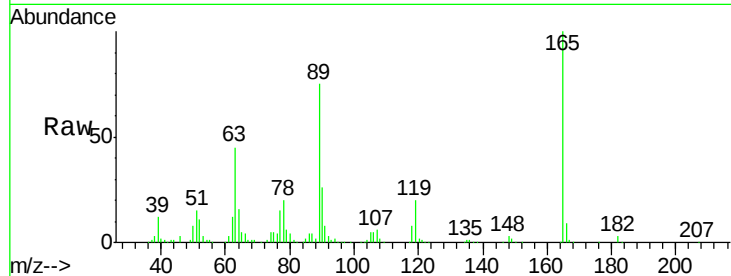




#54
 2,4-Dinitrotoluene
 Concen: 23.40 ng/ul
 RT: 14.79 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BM007327.D
 Acq: 30 Aug 2016 02:10

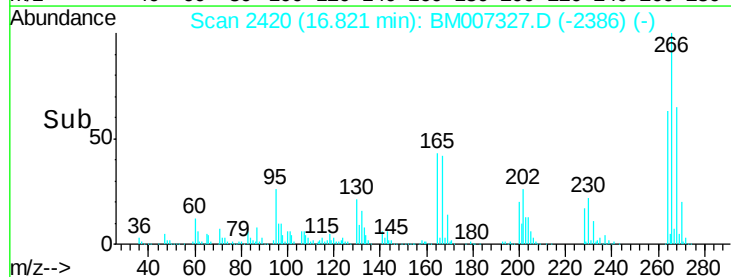
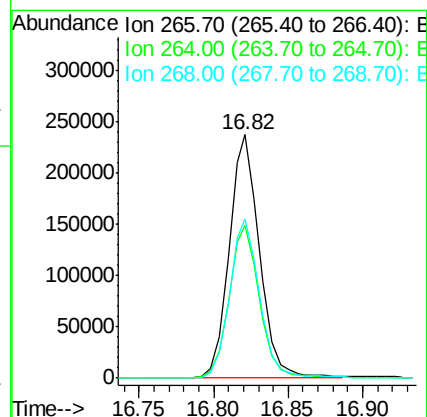
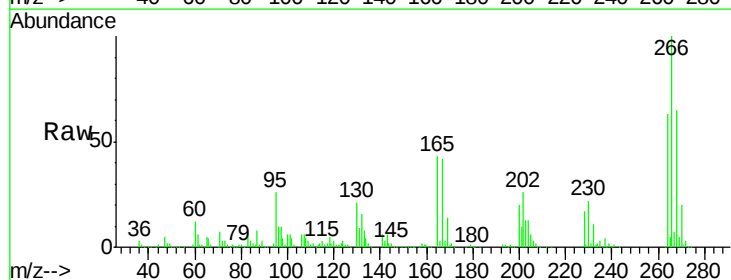
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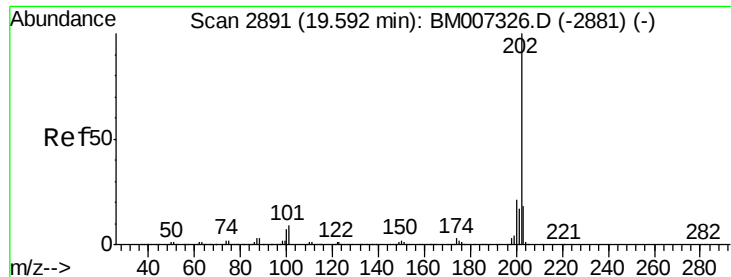
Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.6	36.2	54.2
182	2.9	2.2	3.4



#68
 Pentachlorophenol
 Concen: 23.01 ng/ul
 RT: 16.82 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BM007327.D
 Acq: 30 Aug 2016 02:10

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.6	75.8
268	65.2	51.0	76.6

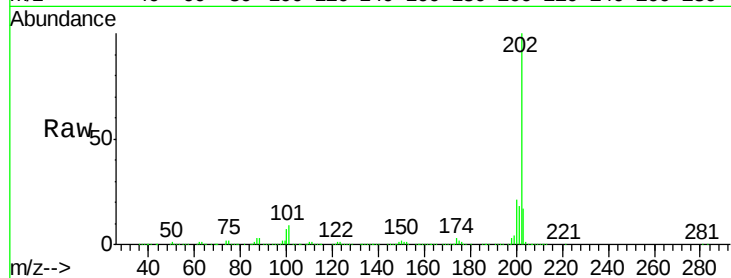




#77
 Pyrene
 Concen: 22.53 ng/ul
 RT: 19.59 min Scan# 2891
 Delta R.T. 0.00 min
 Lab File: BM007327.D
 Acq: 30 Aug 2016 02:10

Instrument :
 BNA_M
 ClientSampleId :
 DA289MS

Tgt Ion: 202 Resp: 3251927
 Ion Ratio Lower Upper
 202 100
 101 9.0 8.4 12.6
 100 7.2 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

