

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082916\
 Data File : BM007328.D
 Acq On : 30 Aug 2016 02:46
 Operator : UM/SJ
 Sample : H4587-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA289MSD

Quant Time: Aug 30 04:04:10 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	174498	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	854376	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	647904	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1803663	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2673845	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2913237	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	3321	0.97	ng/uL	0.00
5) Phenol-d5	6.96	99	64893	3.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	185597	21.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	201950	16.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	145440	10.12	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	143055	22.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	162139	22.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	293123	20.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	585	0.03	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	1373681	24.58	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1487472	22.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	46409	4.40	ng/ul	0.00
57) Fluorene-d10	15.42	176	1189485	24.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	264945	23.36	ng/ul	0.00
70) Anthracene-d10	17.27	188	2143292	25.44	ng/ul	0.00
76) Pyrene-d10	19.56	212	2829893	25.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	3431453	25.57	ng/ul	0.00

Target Compounds

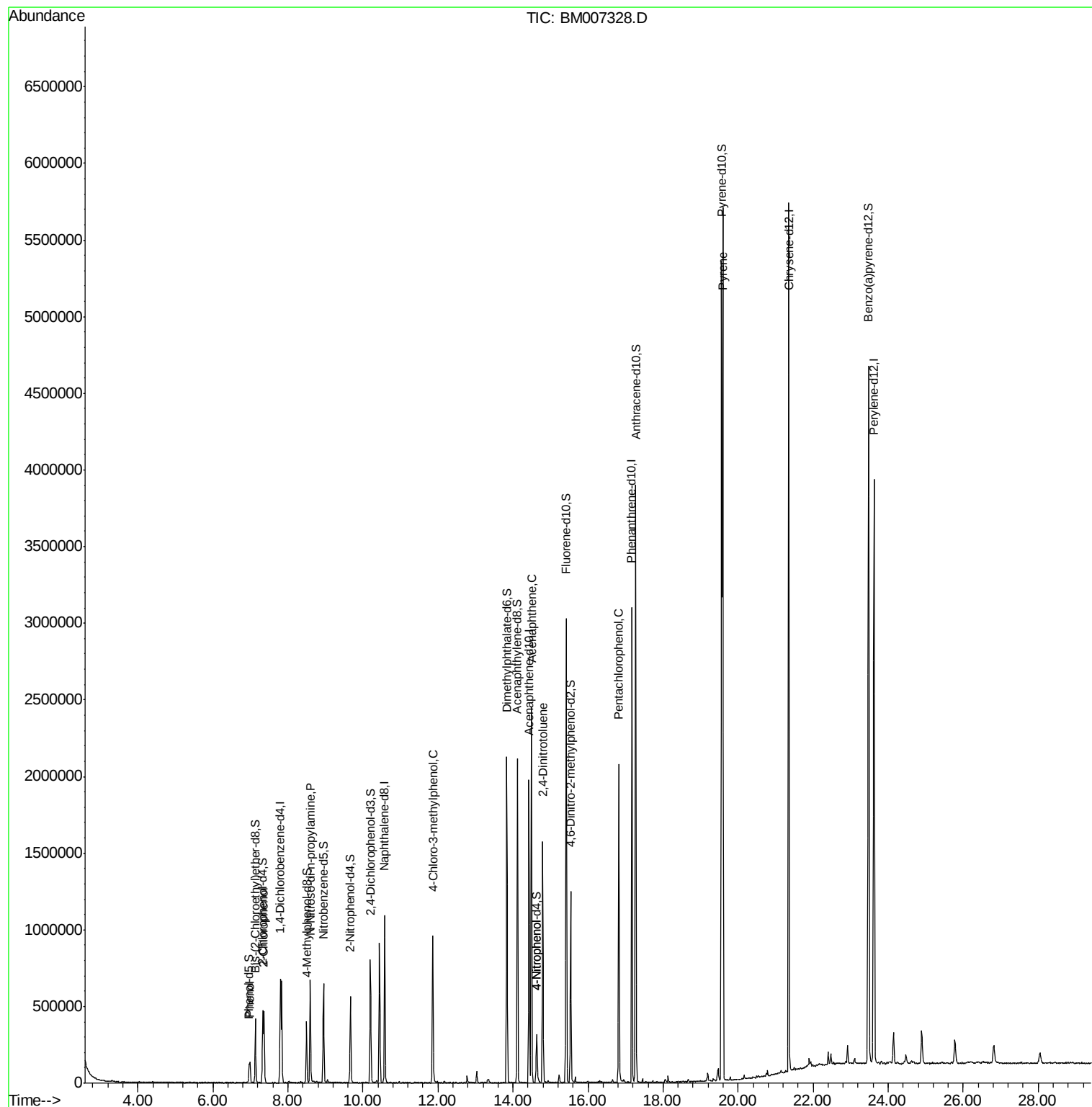
						Qvalue
6) Phenol	6.99	94	67339	3.94	ng/ul	94
10) 2-Chlorophenol	7.36	128	196084	15.72	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.59	70	250086	21.34	ng/ul	97
33) 4-Chloro-3-methylphenol	11.86	107	334252	18.64	ng/ul	96
49) Acenaphthene	14.49	153	960357	22.14	ng/ul	99
52) 4-Nitrophenol	14.64	109	50743	4.52	ng/ul	89
54) 2,4-Dinitrotoluene	14.79	165	421644	24.17	ng/ul	96
68) Pentachlorophenol	16.82	266	357094	24.27	ng/ul	99
77) Pyrene	19.59	202	3373555	23.52	ng/ul	96

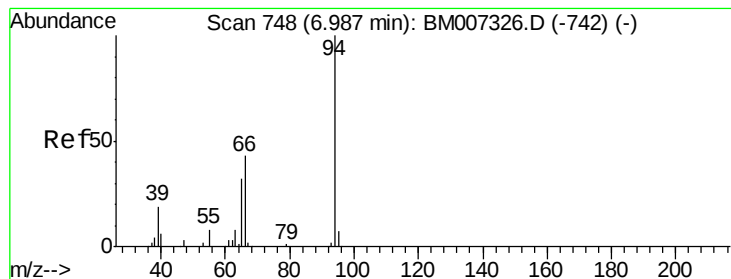
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.94 ng/ul

RT: 6.99 min Scan# 748

Delta R.T. -0.00 min

Lab File: BM007328.D

Acq: 30 Aug 2016 02:46

Instrument :

BNA_M

ClientSampleId :

DA289MSD

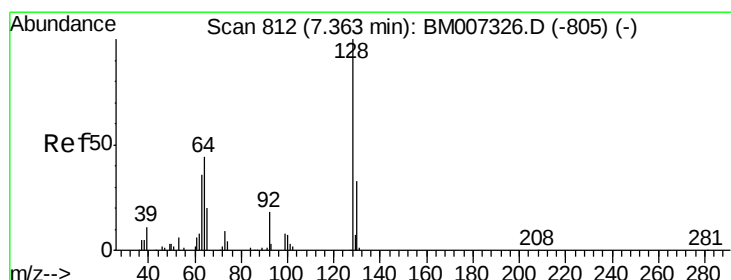
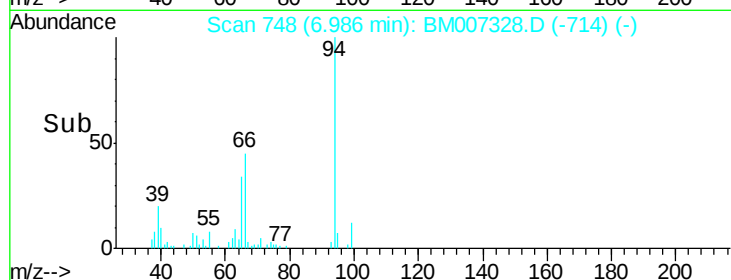
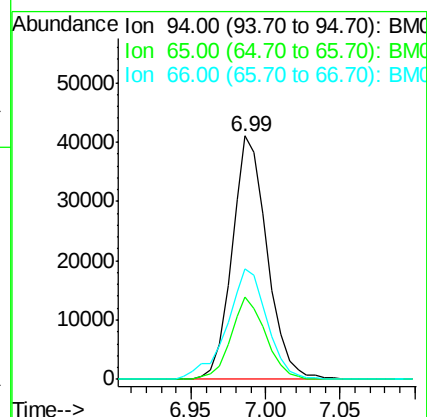
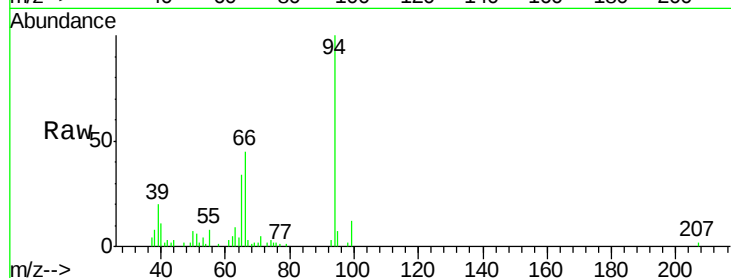
Tgt Ion: 94 Resp: 67339

Ion Ratio Lower Upper

94 100

65 33.8 23.9 35.9

66 45.2 33.5 50.3



#10

2-Chlorophenol

Concen: 15.72 ng/ul

RT: 7.36 min Scan# 812

Delta R.T. -0.00 min

Lab File: BM007328.D

Acq: 30 Aug 2016 02:46

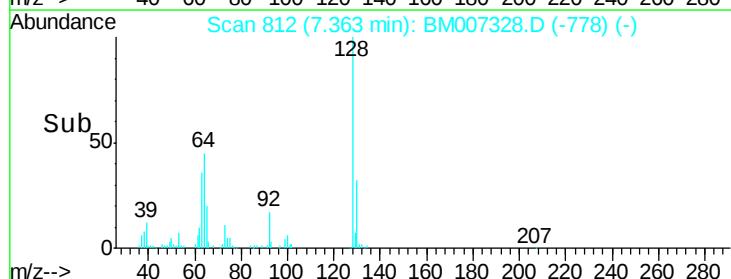
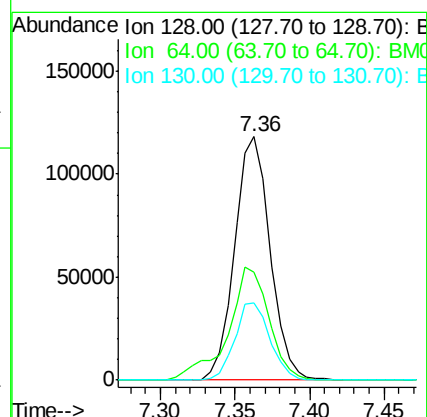
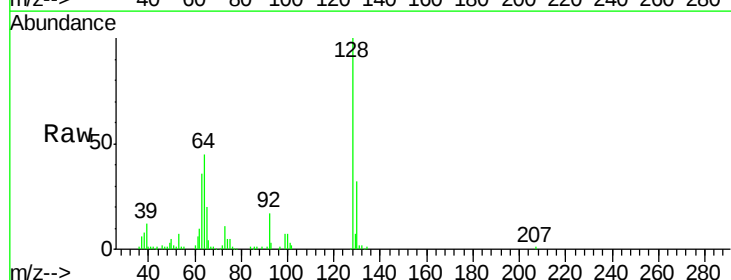
Tgt Ion: 128 Resp: 196084

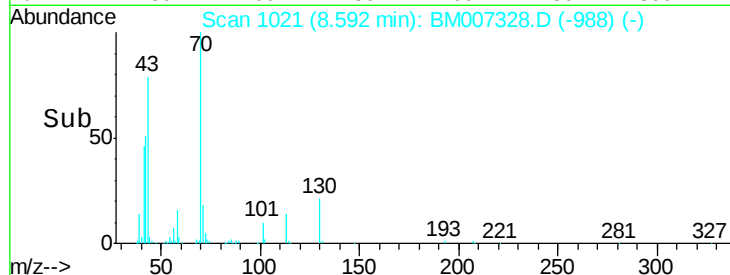
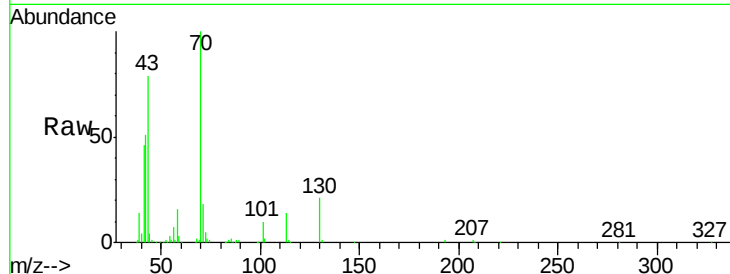
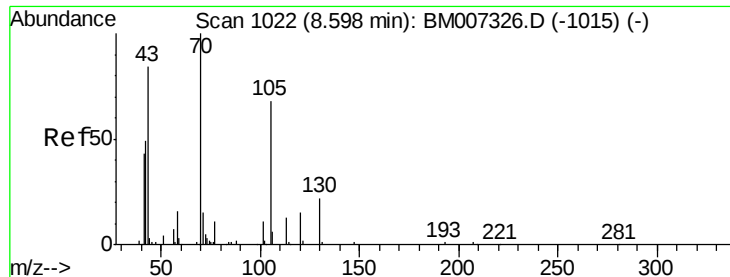
Ion Ratio Lower Upper

128 100

64 44.6 37.5 56.3

130 31.9 25.0 37.4

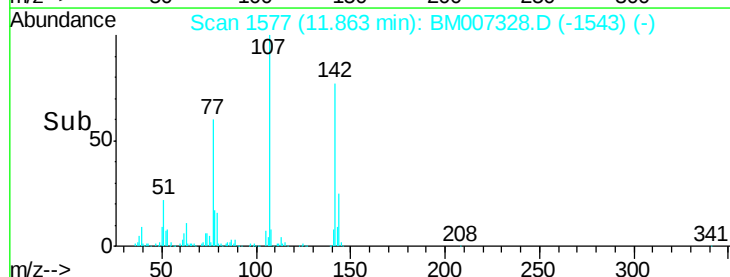
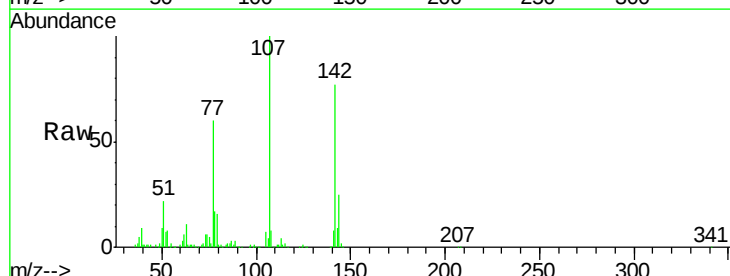
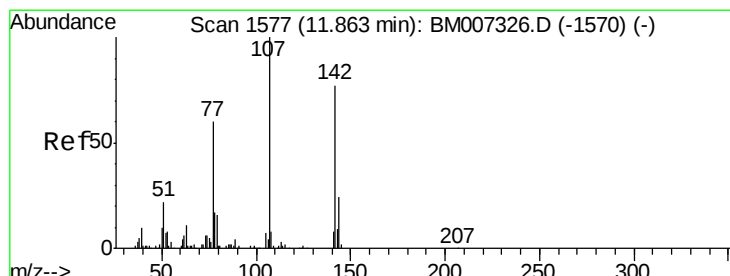
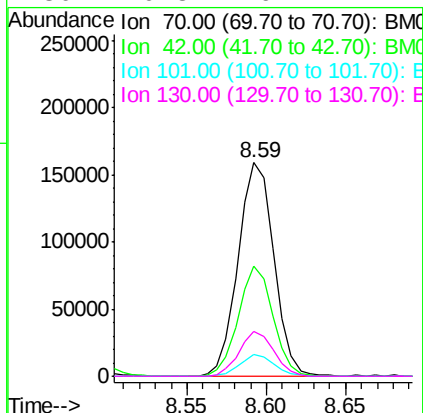




#15
N-Nitroso-di-n-propylamine
Concen: 21.34 ng/ul
RT: 8.59 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM007328.D
Acq: 30 Aug 2016 02:46

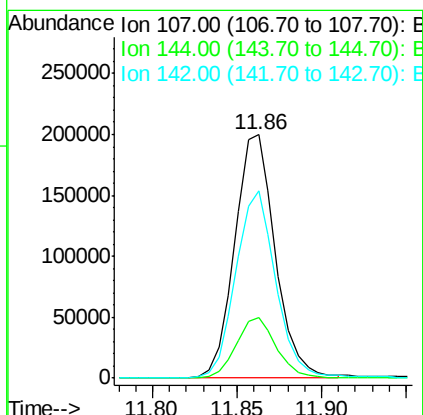
Instrument :
BNA_M
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DA289MSD

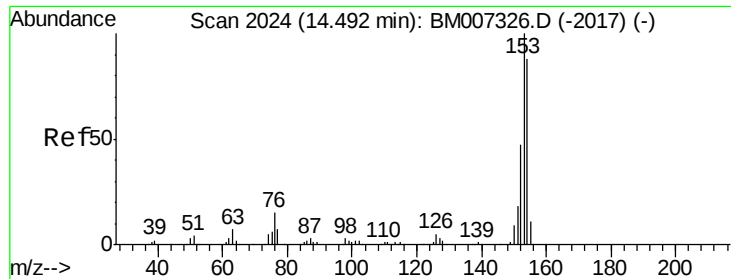
Tgt Ion:	70	Resp:	250086
Ion	Ratio	Lower	Upper
70	100		
42	51.5	43.4	65.2
101	10.0	7.8	11.6
130	20.8	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 18.64 ng/ul
RT: 11.86 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BM007328.D
Acq: 30 Aug 2016 02:46

Tgt Ion:	107	Resp:	334252
Ion	Ratio	Lower	Upper
107	100		
144	25.0	21.1	31.7
142	76.7	64.1	96.1





#49

Acenaphthene

Concen: 22.14 ng/ul

RT: 14.49 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BM007328.D

Acq: 30 Aug 2016 02:46

Instrument :

BNA_M

ClientSampleId :

DA289MSD

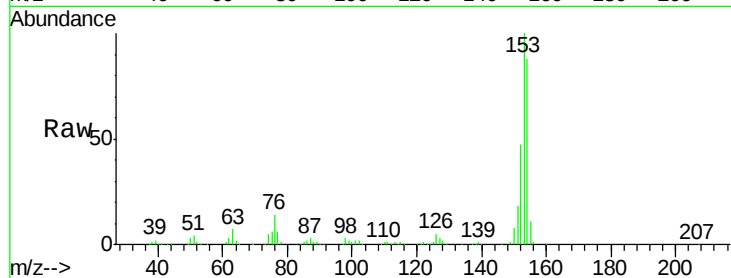
Tgt Ion:153 Resp: 960357

Ion Ratio Lower Upper

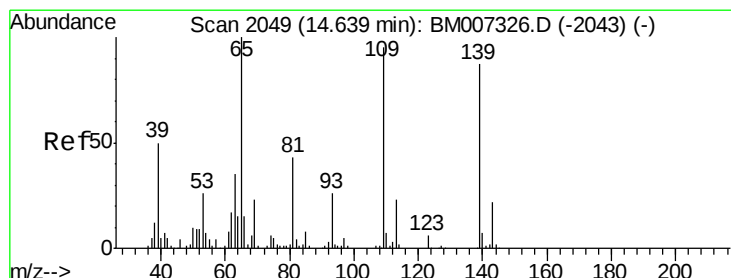
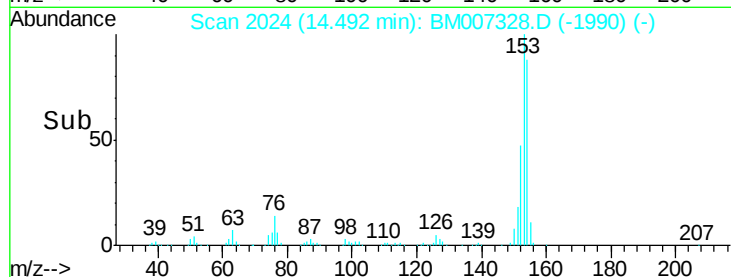
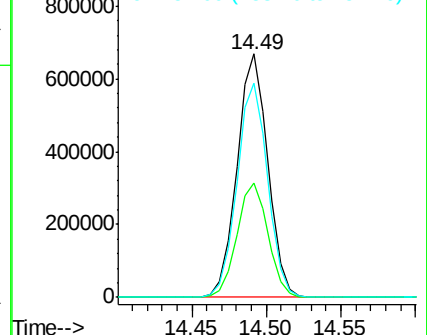
153 100

152 46.8 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: BM007328.D

Acq: 30 Aug 2016 02:46

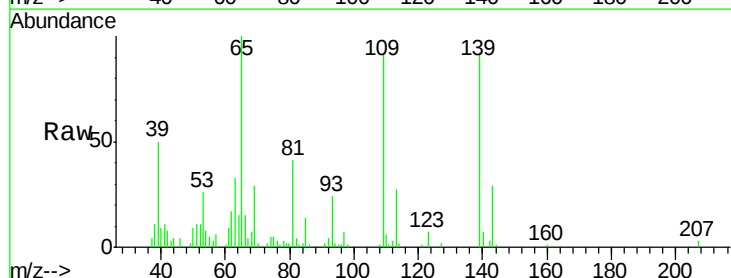
Tgt Ion:109 Resp: 50743

Ion Ratio Lower Upper

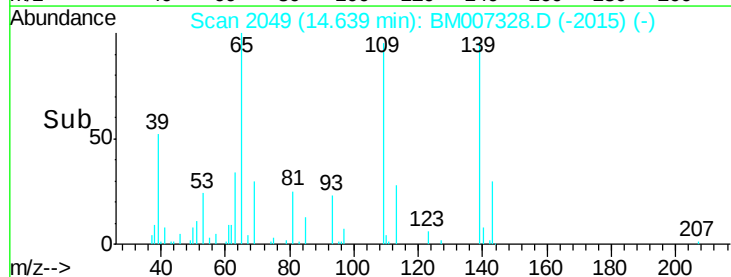
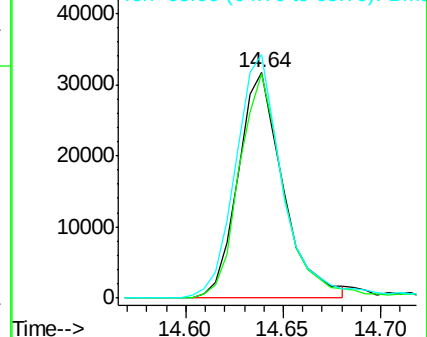
109 100

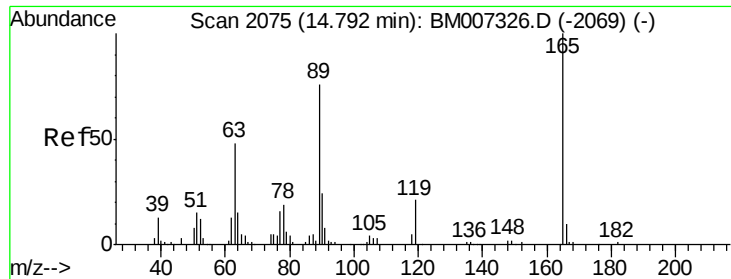
139 99.5 88.7 133.1

65 108.2 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: 24.17 ng/ul

RT: 14.79 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BM007328.D

Acq: 30 Aug 2016 02:46

Instrument :

BNA_M

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DA289MSD

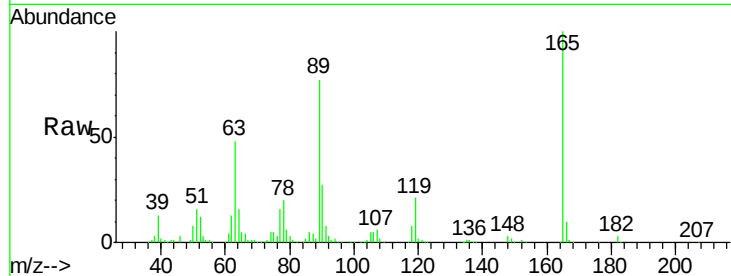
Tgt Ion:165 Resp: 421644

Ion Ratio Lower Upper

165 100

63 48.1 36.2 54.2

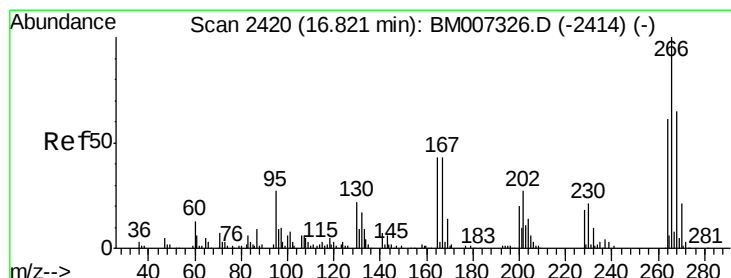
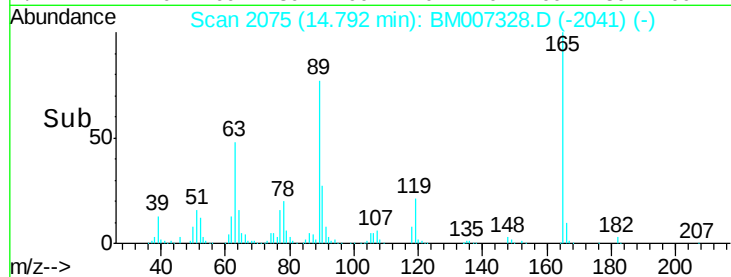
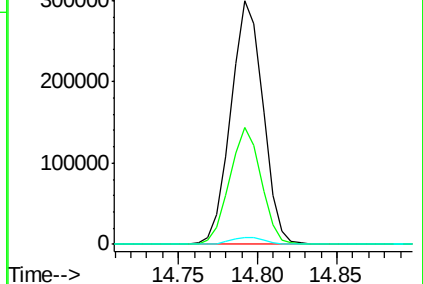
182 2.7 2.2 3.4



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: 24.27 ng/ul

RT: 16.82 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BM007328.D

Acq: 30 Aug 2016 02:46

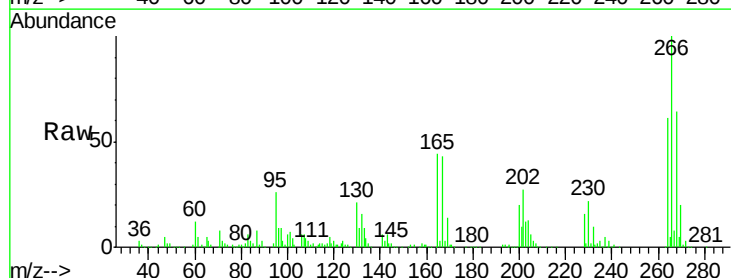
Tgt Ion:266 Resp: 357094

Ion Ratio Lower Upper

266 100

264 61.0 50.6 75.8

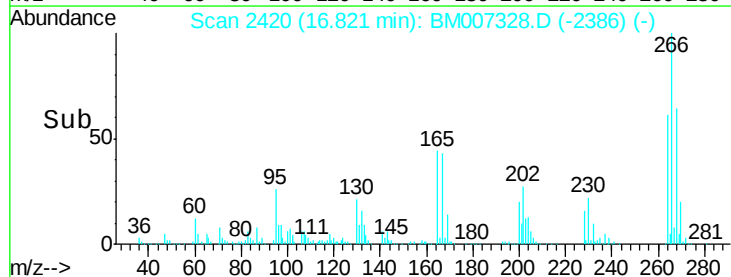
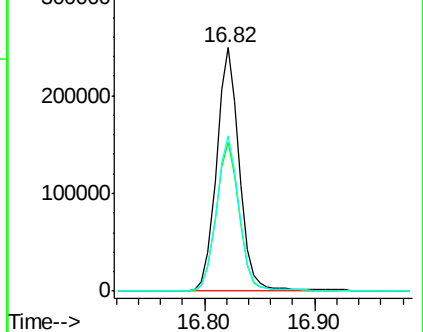
268 63.9 51.0 76.6

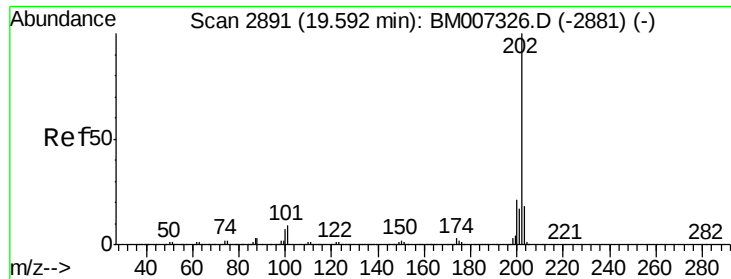


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#77
 Pyrene
 Concen: 23.52 ng/ul
 RT: 19.59 min Scan# 2891
 Delta R.T. -0.00 min
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 Acq: 30 Aug 2016 02:46

Instrument :
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Tgt Ion:202 Resp: 3373555
 Ion Ratio Lower Upper
 202 100
 101 9.0 8.4 12.6
 100 7.4 6.9 10.3

