

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062316\
 Data File : BM005946.D
 Acq On : 24 Jun 2016 01:12
 Operator : UM/SJ
 Sample : HH3612-23MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Z39MSD

Quant Time: Jun 24 04:25:29 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 24 00:58:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	295087	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1358110	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	788202	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1853544	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	2119172	20.00	ng/ul	0.00
83) Perylene-d12	23.47	264	2136025	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	12370	1.67	ng/uL	0.00
5) Phenol-d5	6.83	99	476384	18.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	294520	18.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	362209	18.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	331514	16.65	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	175202	17.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	180645	17.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	344108	17.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	468492	21.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1112655	17.77	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1382739	17.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	177070	14.46	ng/ul	0.00
57) Fluorene-d10	15.30	176	979862	18.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	132008	14.30	ng/ul	0.00
70) Anthracene-d10	17.16	188	1513475	17.92	ng/ul	0.00
76) Pyrene-d10	19.45	212	1780741	18.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	1809243	18.80	ng/ul	0.00

Target Compounds

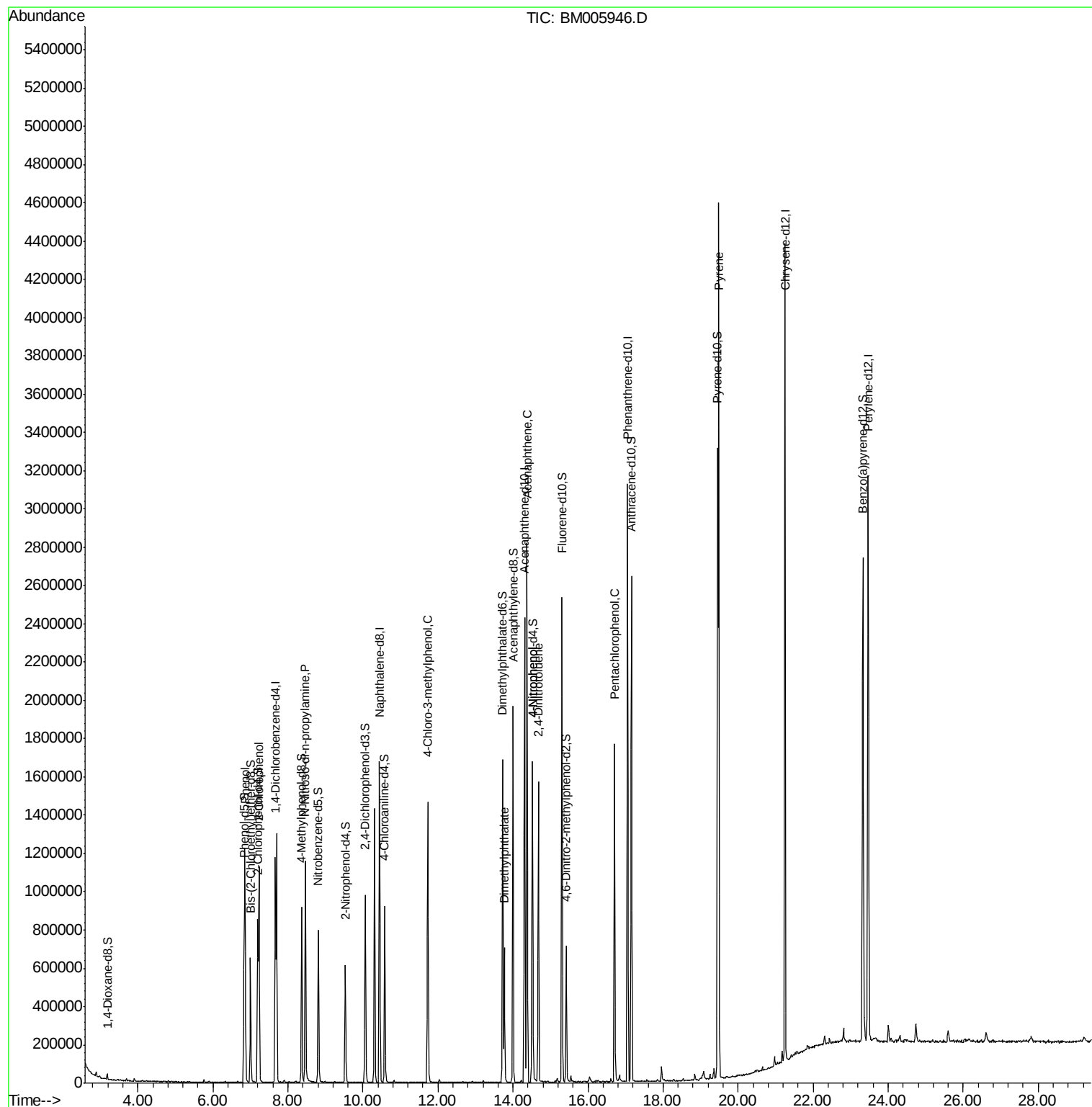
						Qvalue
6) Phenol	6.86	94	602997	21.81	ng/ul	98
10) 2-Chlorophenol	7.23	128	453100	21.67	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	398931	23.61	ng/ul	98
33) 4-Chloro-3-methylphenol	11.73	107	500046	21.14	ng/ul	98
44) Dimethylphthalate	13.77	163	442678	7.00	ng/ul	100
49) Acenaphthene	14.37	153	1147101	21.83	ng/ul	100
52) 4-Nitrophenol	14.52	109	238552	20.37	ng/ul	98
54) 2,4-Dinitrotoluene	14.67	165	403523	22.16	ng/ul	96
68) Pentachlorophenol	16.70	266	284422	22.49	ng/ul	99
77) Pyrene	19.48	202	2781544	21.46	ng/ul	100

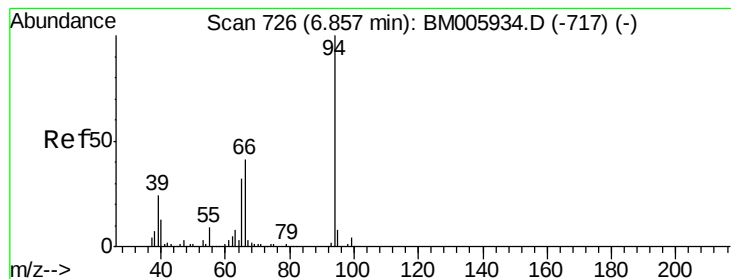
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 21.81 ng/ul

RT: 6.86 min Scan# 726

Delta R.T. 0.00 min

Lab File: BM005946.D

Acq: 24 Jun 2016 01:12

Instrument :

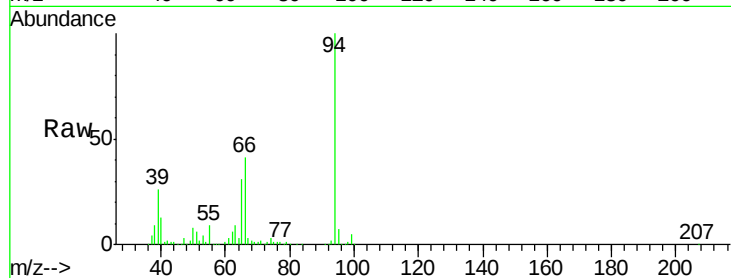
BNA_M

ClientSampleId :

D9Z39MSD

Tgt Ion: 94 Resp: 602997

Ion	Ratio	Lower	Upper
94	100		
65	31.2	24.5	36.7
66	41.0	31.7	47.5

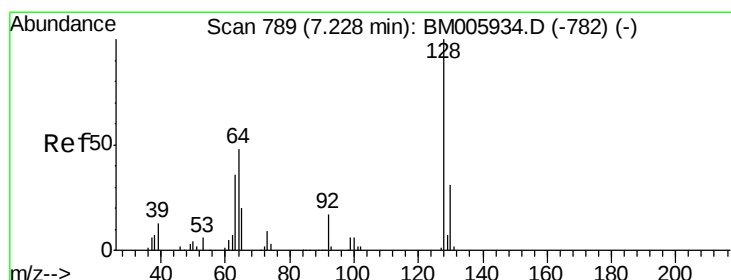
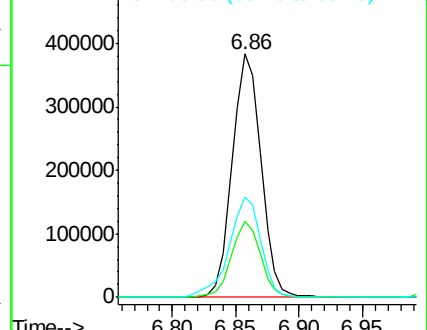
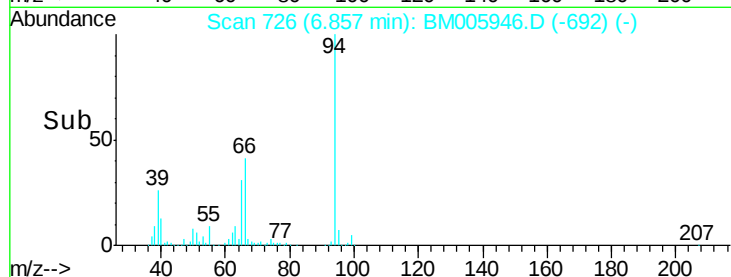


Abundance

Ion 94.00 (93.70 to 94.70): BM005934.D (-717) (-)

Ion 65.00 (64.70 to 65.70): BM005934.D (-717) (-)

Ion 66.00 (65.70 to 66.70): BM005934.D (-717) (-)



#10

2-Chlorophenol

Concen: 21.67 ng/ul

RT: 7.23 min Scan# 789

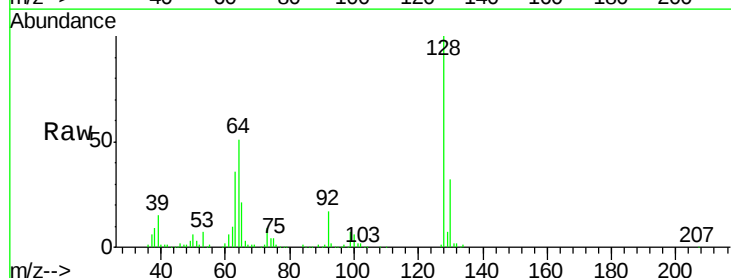
Delta R.T. -0.00 min

Lab File: BM005946.D

Acq: 24 Jun 2016 01:12

Tgt Ion: 128 Resp: 453100

Ion	Ratio	Lower	Upper
128	100		
64	51.3	41.7	62.5
130	31.5	25.9	38.9

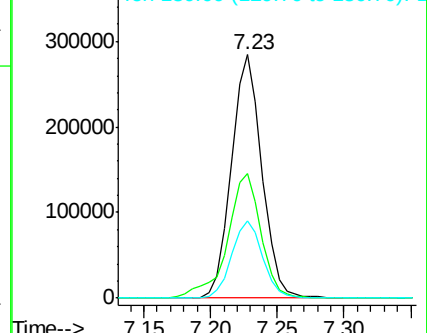
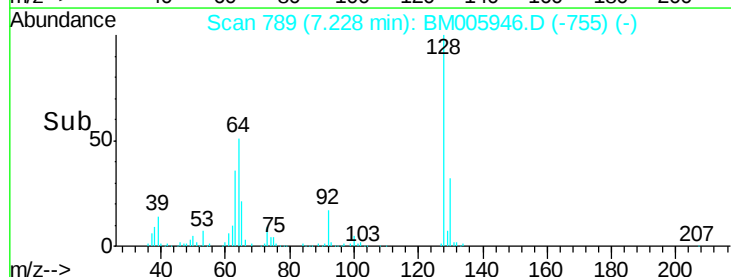


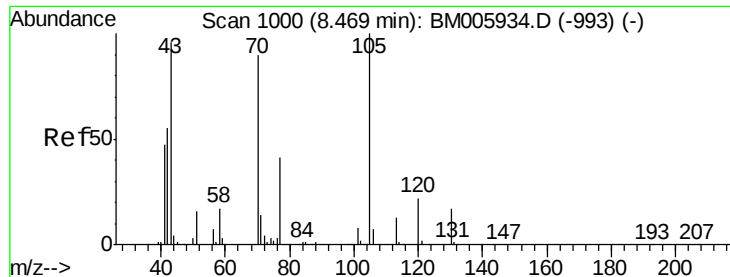
Abundance

Ion 128.00 (127.70 to 128.70): BM005934.D (-782) (-)

Ion 64.00 (63.70 to 64.70): BM005934.D (-782) (-)

Ion 130.00 (129.70 to 130.70): BM005934.D (-782) (-)

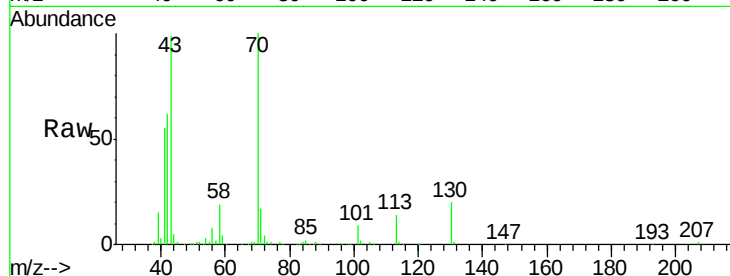




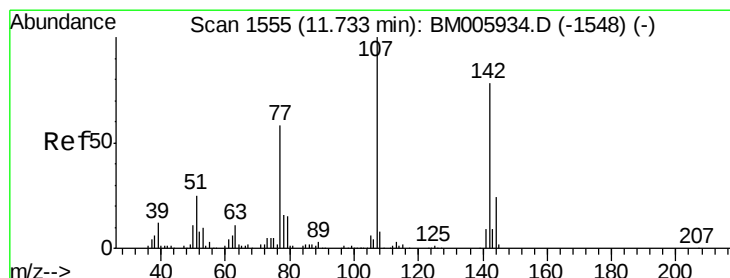
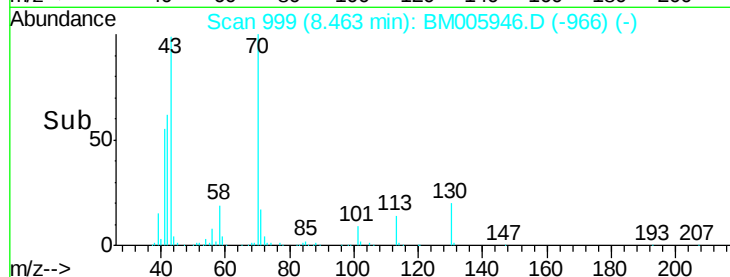
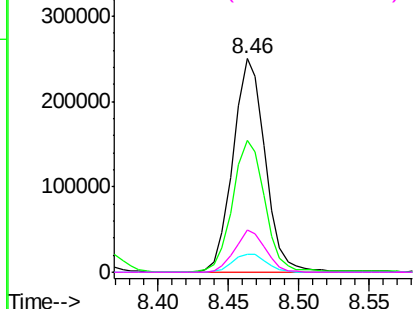
#15
N-Nitroso-di-n-propylamine
Concen: 23.61 ng/ul
RT: 8.46 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM005946.D
Acq: 24 Jun 2016 01:12

Instrument :
BNA_M
ClientSampleId :
D9Z39MSD

Tgt Ion: 70 Resp: 398931
Ion Ratio Lower Upper
70 100
42 61.7 50.3 75.5
101 8.6 7.4 11.0
130 19.5 15.1 22.7

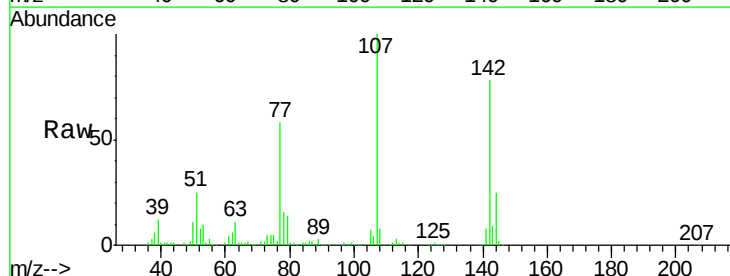


Abundance Ion 70.00 (69.70 to 70.70): BM005934.D (-993) (-)
Ion 42.00 (41.70 to 42.70): BM005934.D (-993) (-)
Ion 101.00 (100.70 to 101.70): BM005934.D (-993) (-)
Ion 130.00 (129.70 to 130.70): BM005934.D (-993) (-)

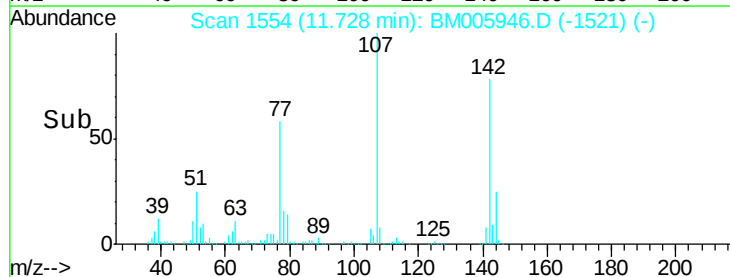
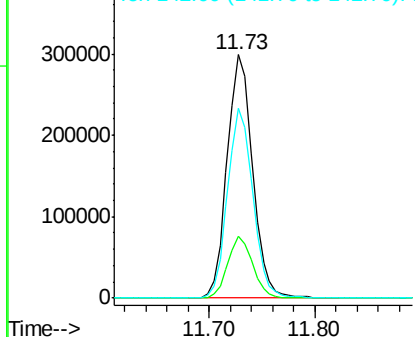


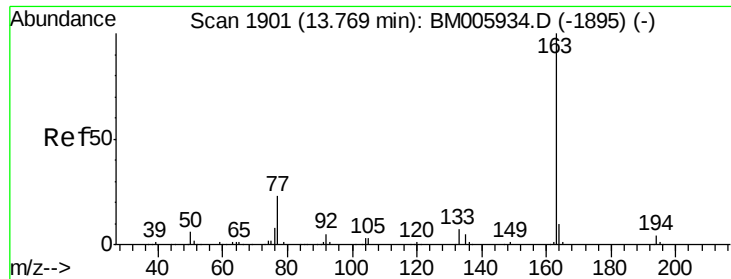
#33
4-Chloro-3-methylphenol
Concen: 21.14 ng/ul
RT: 11.73 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BM005946.D
Acq: 24 Jun 2016 01:12

Tgt Ion: 107 Resp: 500046
Ion Ratio Lower Upper
107 100
144 25.1 20.1 30.1
142 77.8 63.8 95.6



Abundance Ion 107.00 (106.70 to 107.70): BM005934.D (-1548) (-)
Ion 144.00 (143.70 to 144.70): BM005934.D (-1548) (-)
Ion 142.00 (141.70 to 142.70): BM005934.D (-1548) (-)

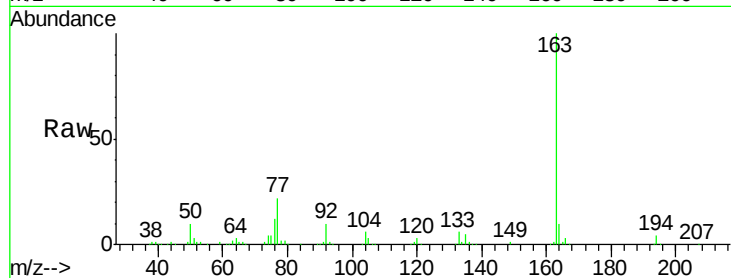




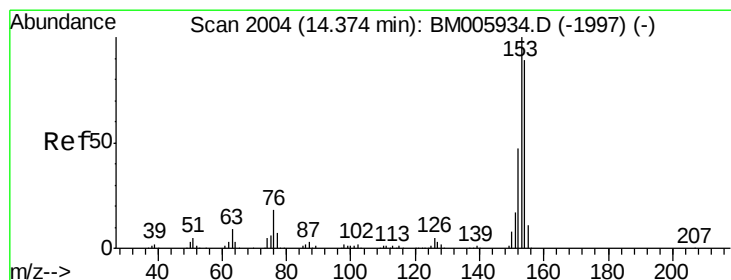
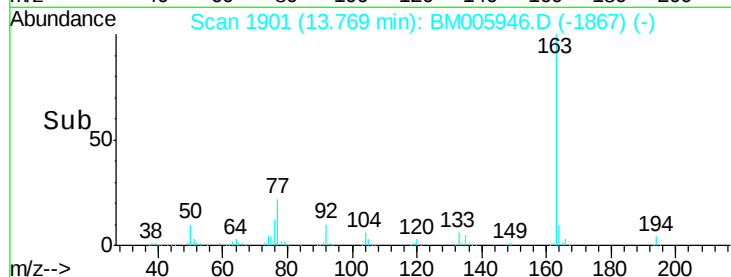
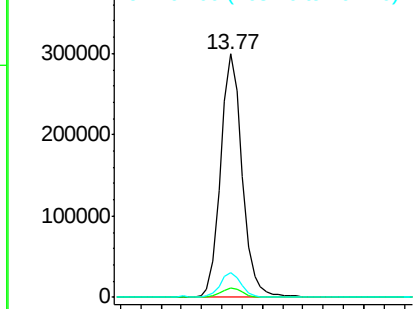
#44
Dimethylphthalate
Concen: 7.00 ng/ul
RT: 13.77 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BM005946.D
Acq: 24 Jun 2016 01:12

Instrument :
BNA_M
ClientSampleId :
D9Z39MSD

Tgt Ion:163 Resp: 442678
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.0 7.9 11.9

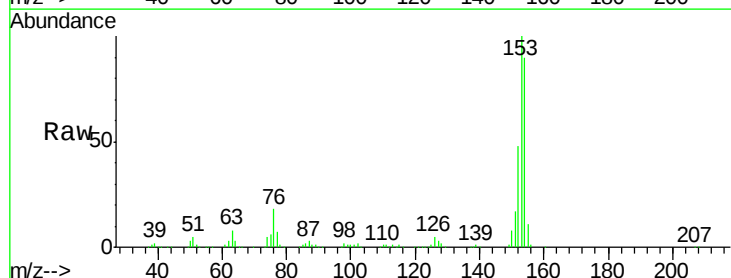


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

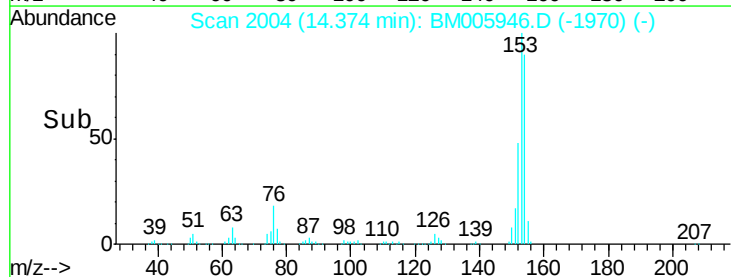
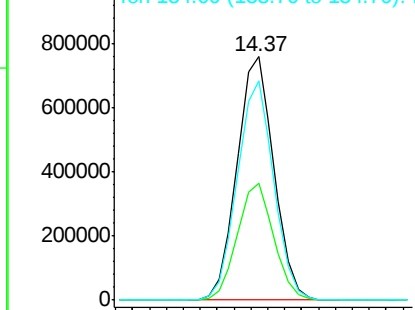


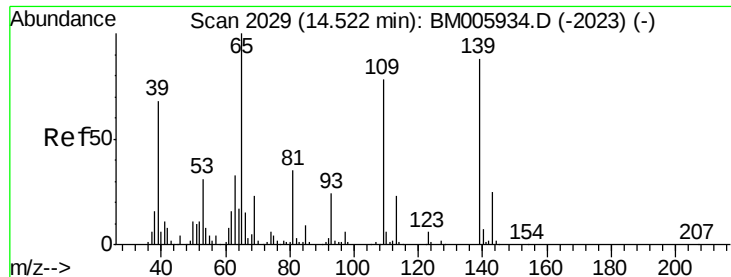
#49
Acenaphthene
Concen: 21.83 ng/ul
RT: 14.37 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BM005946.D
Acq: 24 Jun 2016 01:12

Tgt Ion:153 Resp: 1147101
Ion Ratio Lower Upper
153 100
152 47.8 38.4 57.6
154 89.9 71.9 107.9



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: 20.37 ng/ul

RT: 14.52 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BM005946.D

Acq: 24 Jun 2016 01:12

Instrument :

BNA_M

ClientSampleId :

D9Z39MSD

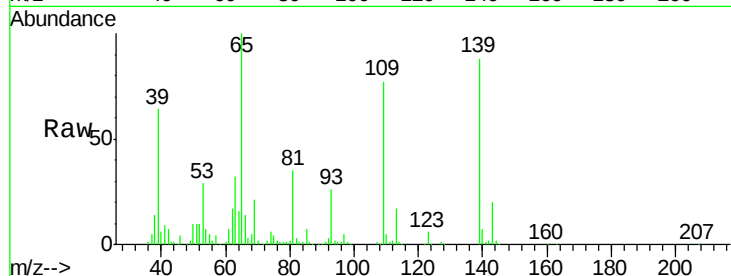
Tgt Ion:109 Resp: 238552

Ion Ratio Lower Upper

109 100

139 113.3 93.1 139.7

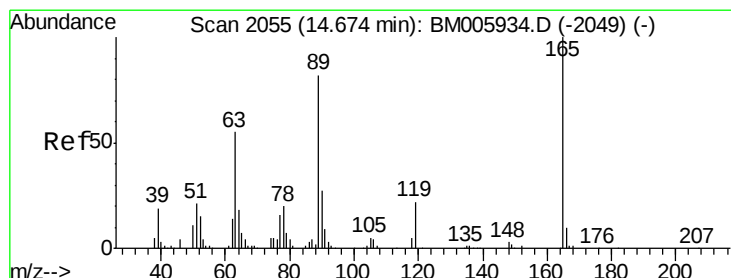
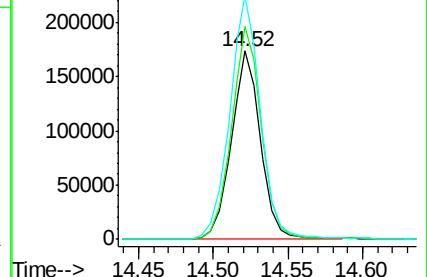
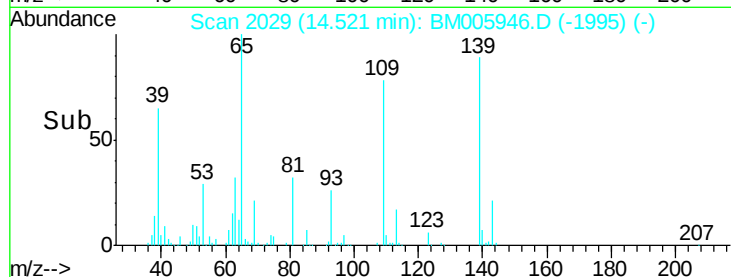
65 129.1 105.2 157.8



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: 22.16 ng/ul

RT: 14.67 min Scan# 2055

Delta R.T. 0.00 min

Lab File: BM005946.D

Acq: 24 Jun 2016 01:12

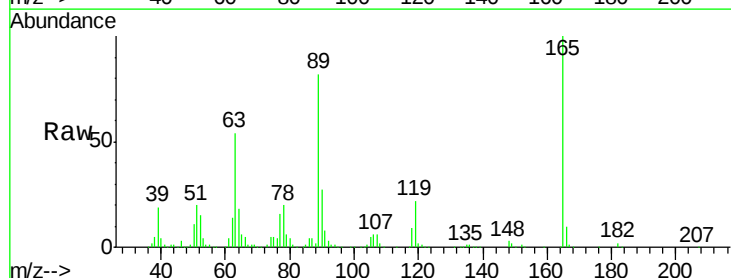
Tgt Ion:165 Resp: 403523

Ion Ratio Lower Upper

165 100

63 54.4 41.2 61.8

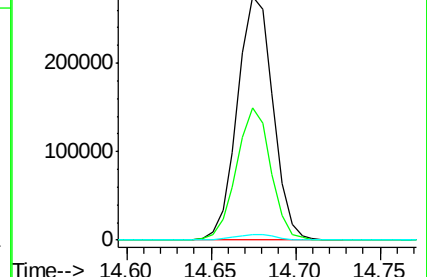
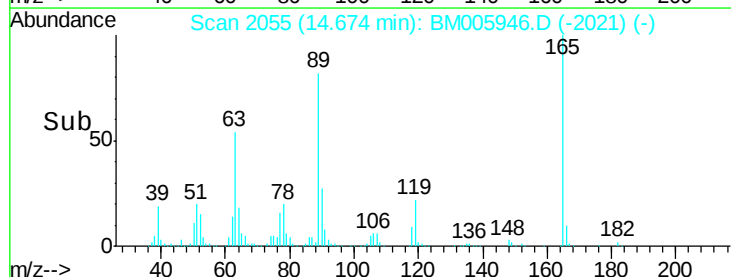
182 2.5 2.0 3.0

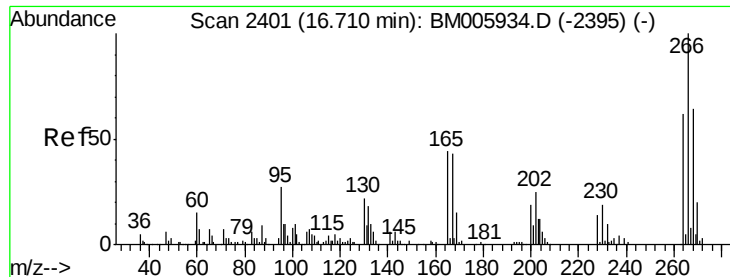


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

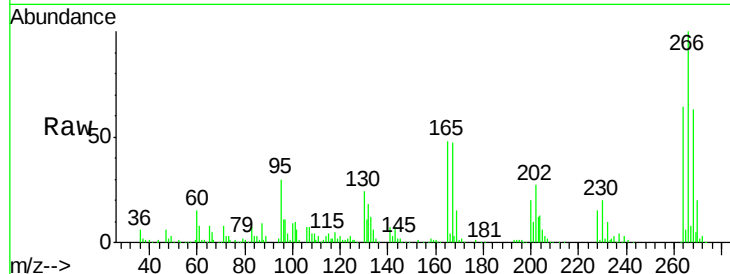




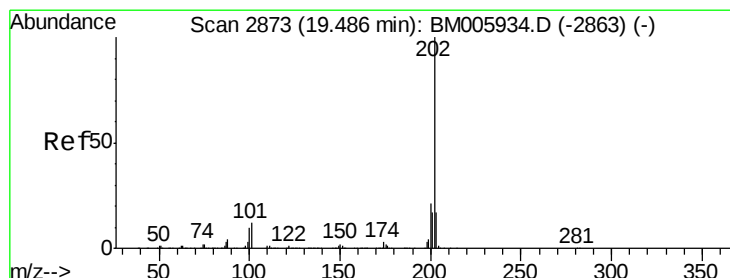
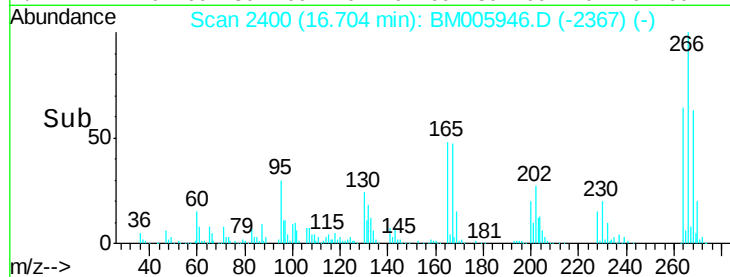
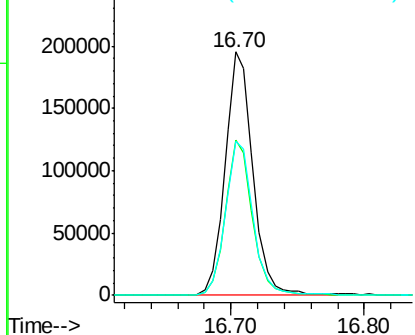
#68
 Pentachlorophenol
 Concen: 22.49 ng/ul
 RT: 16.70 min Scan# 2400
 Delta R.T. -0.01 min
 Lab File: BM005946.D
 Acq: 24 Jun 2016 01:12

Instrument :
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 D9Z39MSD

Tgt Ion:266 Resp: 284422
 Ion Ratio Lower Upper
 266 100
 264 63.7 52.1 78.1
 268 63.3 51.0 76.4

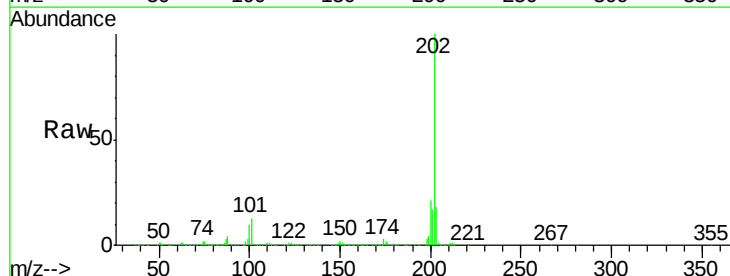


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 21.46 ng/ul
 RT: 19.48 min Scan# 2872
 Delta R.T. -0.01 min
 Lab File: BM005946.D
 Acq: 24 Jun 2016 01:12

Tgt Ion:202 Resp: 2781544
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.2 15.2
 100 10.3 8.2 12.4



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

