

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020217\
 Data File : BM008961.D
 Acq On : 02 Feb 2017 14:29
 Operator : SJ/MA
 Sample : I1449-14MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FJ4MSD

Quant Time: Feb 02 18:18:55 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 17:33:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	60838	20.00	ng/ul	0.00
18) Naphthalene-d8	10.72	136	252853	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.55	164	187281	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	441898	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	539056	20.00	ng/ul	0.00
83) Perylene-d12	23.82	264	470512	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.37	96	6852	4.50	ng/uL	0.00
5) Phenol-d5	7.06	99	158603	27.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	140635	30.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.44	132	111385	31.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.61	113	126840	29.53	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	56979	31.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	58974	29.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	124267	29.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.85	131	113995	29.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.96	166	359826	26.21	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	497156	31.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	50267	22.44	ng/ul	0.00
57) Fluorene-d10	15.54	176	397340	31.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	50250	17.56	ng/ul	0.00
70) Anthracene-d10	17.40	188	679944	32.20	ng/ul	0.00
76) Pyrene-d10	19.69	212	809487	34.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.67	264	713499	33.40	ng/ul	0.00

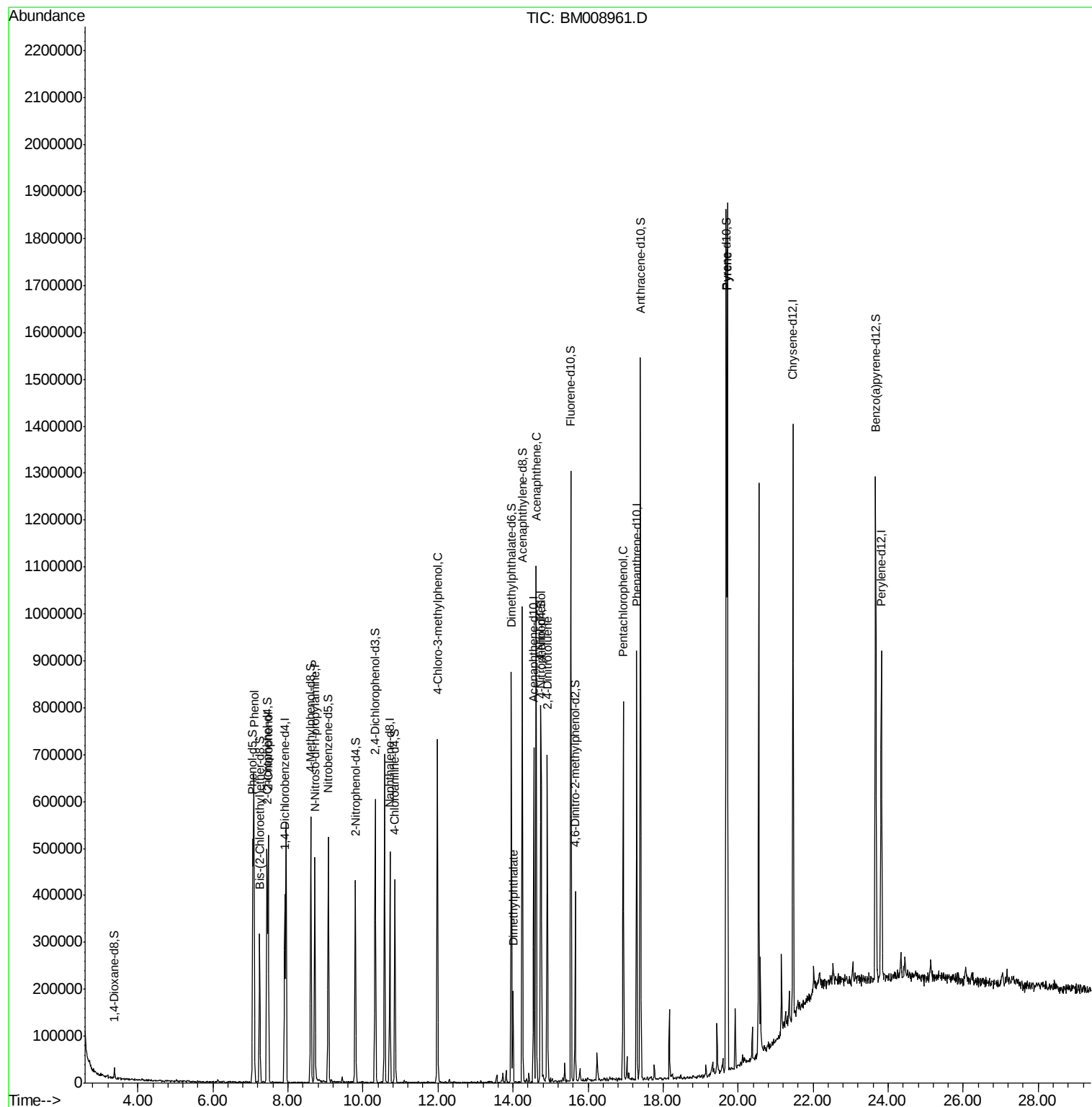
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	7.09	94	197071	32.69	ng/ul	97
10) 2-Chlorophenol	7.47	128	107253	29.58	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.72	70	128361	24.23	ng/ul#	99
33) 4-Chloro-3-methylphenol	11.99	107	167902	29.47	ng/ul	94
44) Dimethylphthalate	14.00	163	80458	6.01	ng/ul#	99
49) Acenaphthene	14.62	153	348393	31.67	ng/ul	98
52) 4-Nitrophenol	14.75	109	127089	26.01	ng/ul	88
54) 2,4-Dinitrotoluene	14.92	165	104357	26.80	ng/ul	91
68) Pentachlorophenol	16.94	266	96339	27.13	ng/ul	90
77) Pyrene	19.72	202	983238	32.97	ng/ul	97

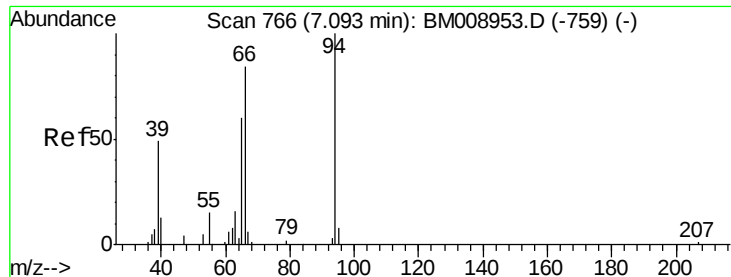
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 32.69 ng/ul

RT: 7.09 min Scan# 766

Delta R.T. -0.00 min

Lab File: BM008961.D

Acq: 02 Feb 2017 14:29

Instrument :

BNA_M

ClientSampleId :

H0FJ4MSD

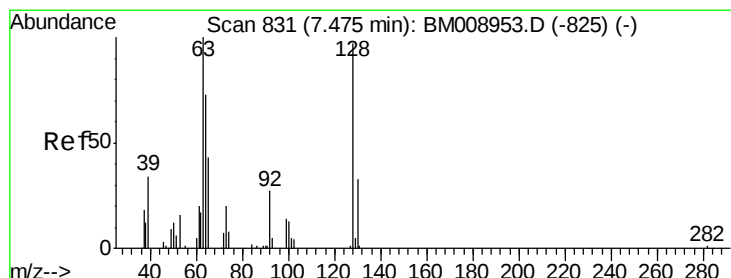
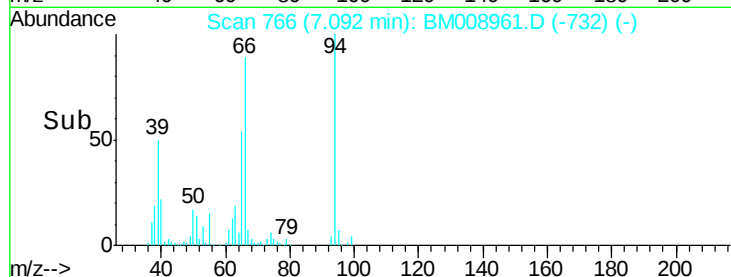
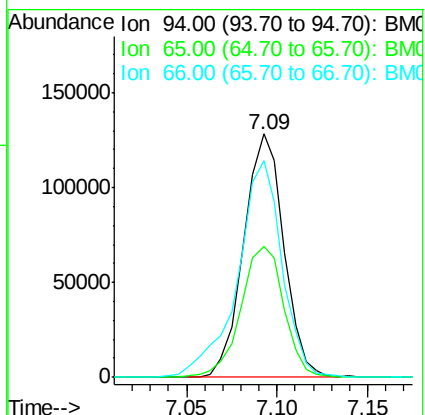
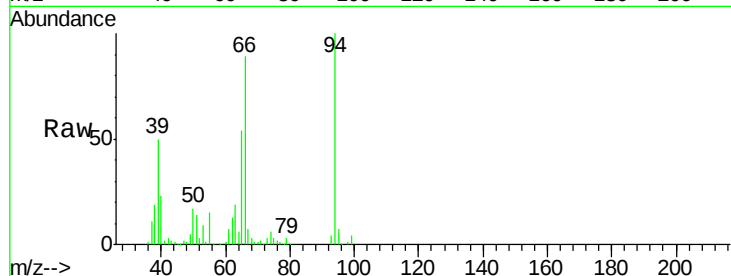
Tgt Ion: 94 Resp: 197071

Ion Ratio Lower Upper

94 100

65 53.9 39.8 59.6

66 89.0 69.9 104.9



#10

2-Chlorophenol

Concen: 29.58 ng/ul

RT: 7.47 min Scan# 831

Delta R.T. -0.00 min

Lab File: BM008961.D

Acq: 02 Feb 2017 14:29

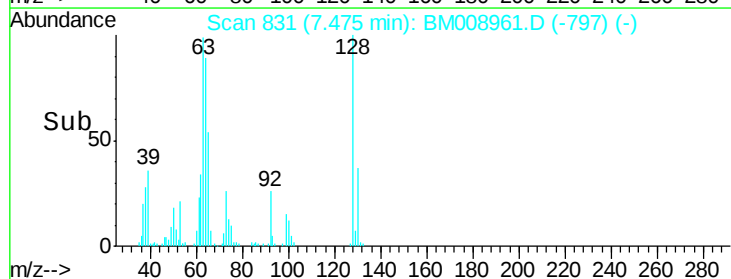
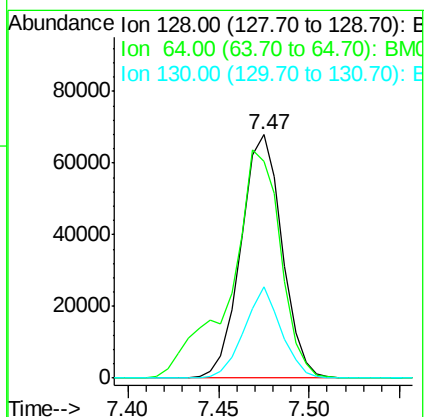
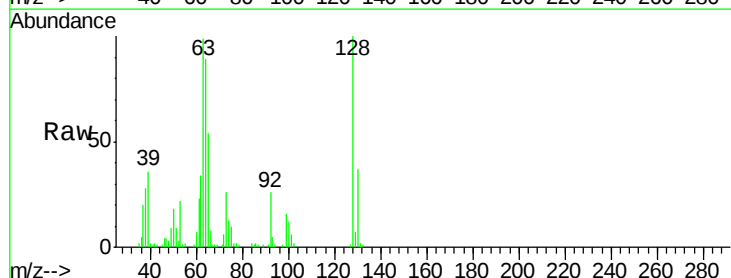
Tgt Ion: 128 Resp: 107253

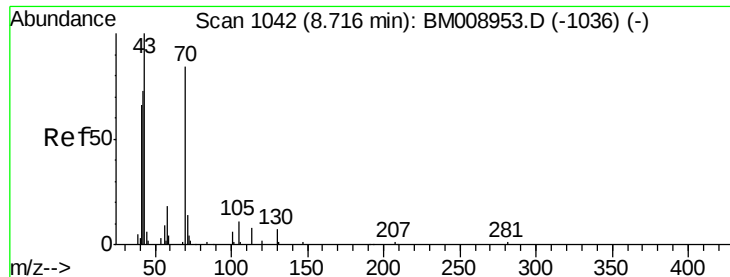
Ion Ratio Lower Upper

128 100

64 88.8 76.6 115.0

130 37.5 26.5 39.7

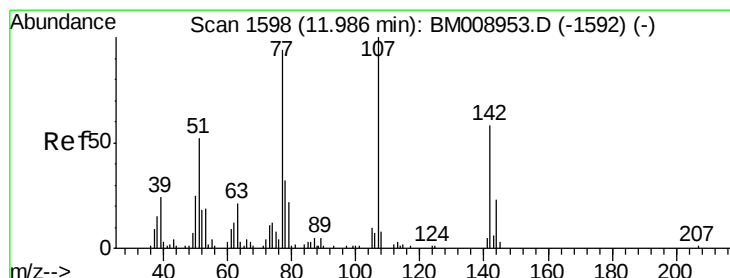
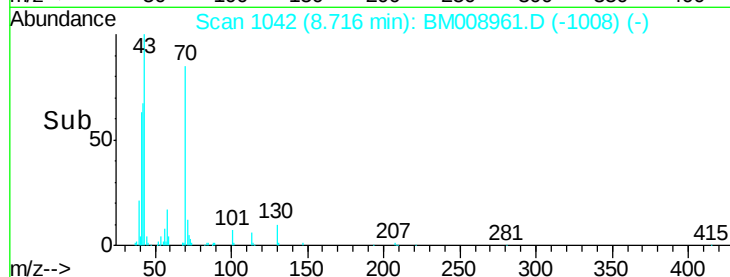
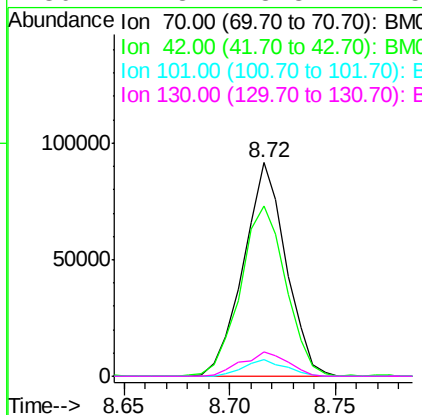
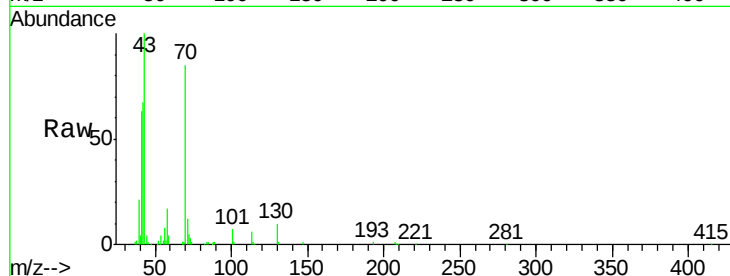




#15
N-Nitroso-di-n-propylamine
Concen: 24.23 ng/ul
RT: 8.72 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BM008961.D
Acq: 02 Feb 2017 14:29

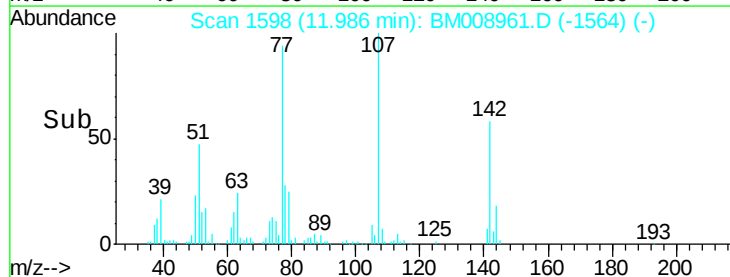
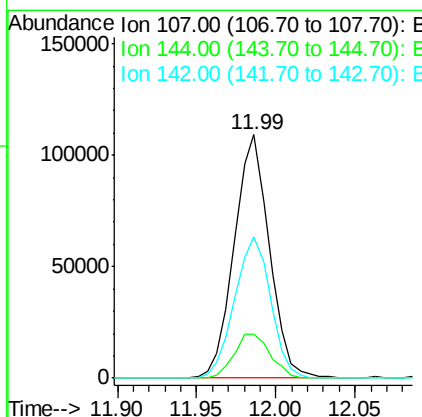
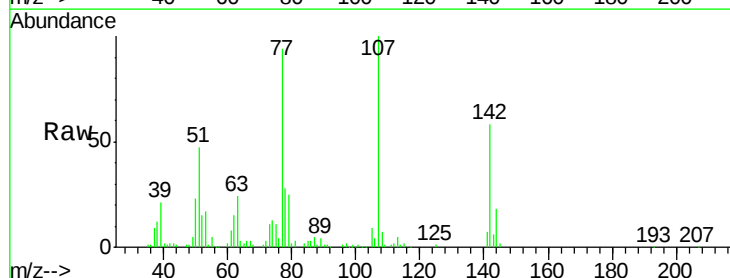
Instrument :
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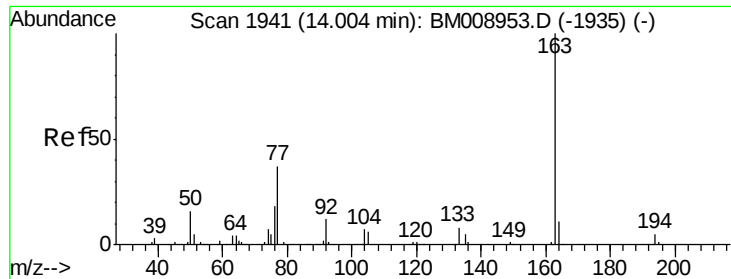
Tgt Ion:	70	Resp:	128361
Ion	Ratio	Lower	Upper
70	100		
42	79.4	64.2	96.2
101	8.0	5.1	7.7#
130	11.3	8.3	12.5



#33
4-Chloro-3-methylphenol
Concen: 29.47 ng/ul
RT: 11.99 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BM008961.D
Acq: 02 Feb 2017 14:29

Tgt Ion:	107	Resp:	167902
Ion	Ratio	Lower	Upper
107	100		
144	18.0	14.4	21.6
142	57.9	50.7	76.1

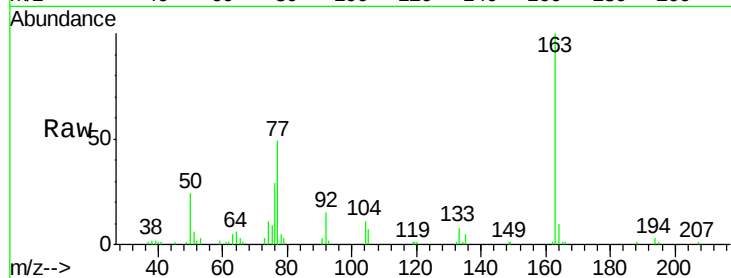




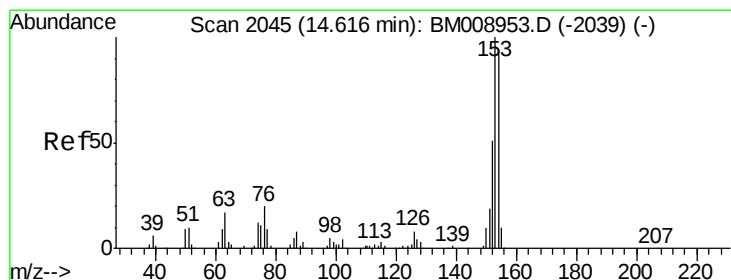
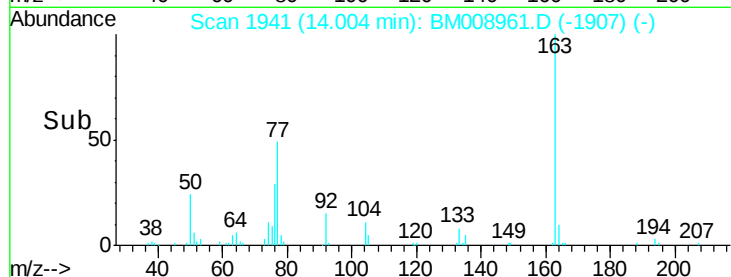
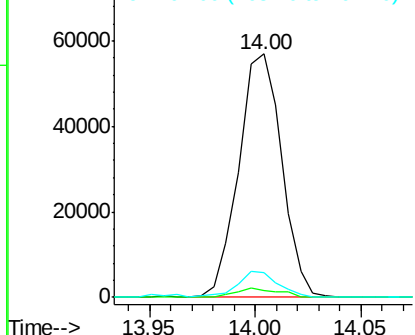
#44
Dimethylphthalate
Concen: 6.01 ng/ul
RT: 14.00 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BM008961.D
Acq: 02 Feb 2017 14:29

Instrument :
BNA_M
ClientSampleId :
H0FJ4MSD

Tgt Ion:163 Resp: 80458
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.6#
164 10.3 8.6 12.8

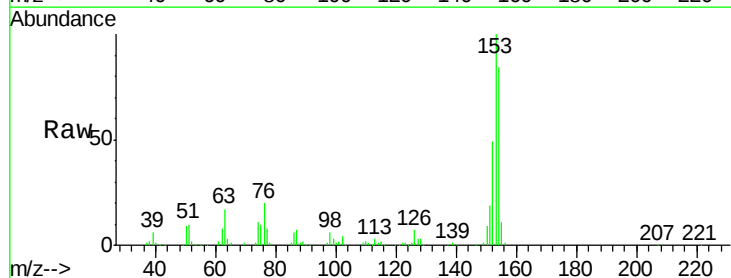


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

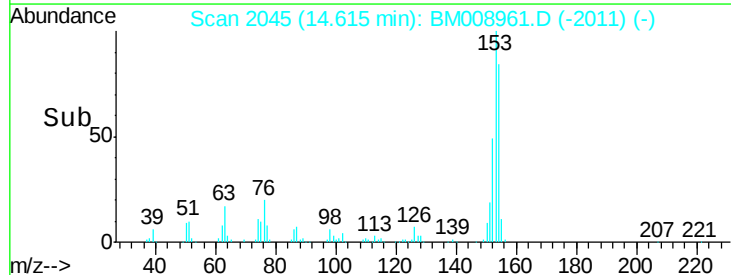
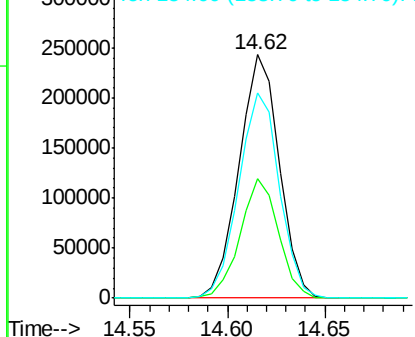


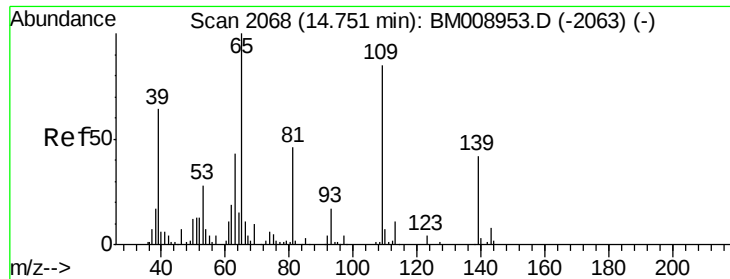
#49
Acenaphthene
Concen: 31.67 ng/ul
RT: 14.62 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BM008961.D
Acq: 02 Feb 2017 14:29

Tgt Ion:153 Resp: 348393
Ion Ratio Lower Upper
153 100
152 48.9 36.7 55.1
154 84.4 68.3 102.5



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

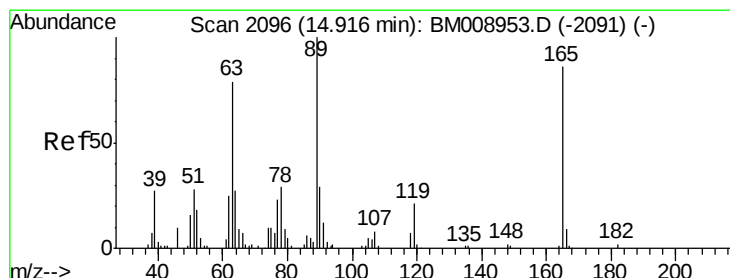
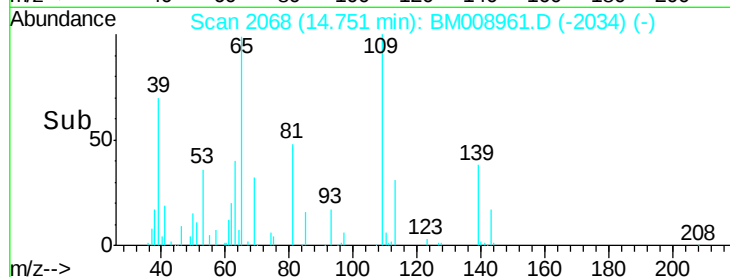
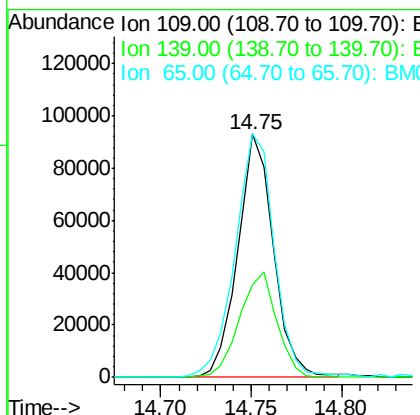
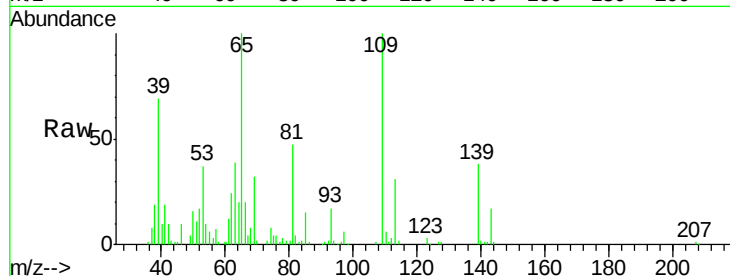




#52
4-Nitrophenol
Concen: 26.01 ng/ul
RT: 14.75 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BM008961.D
Acq: 02 Feb 2017 14:29

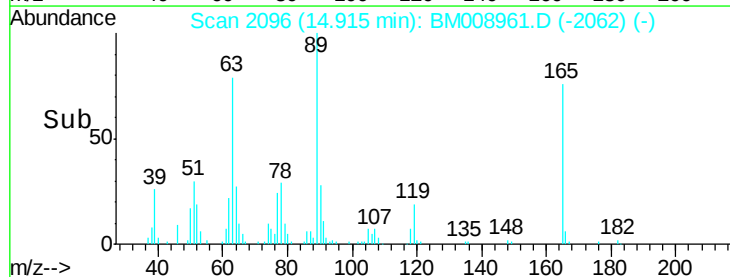
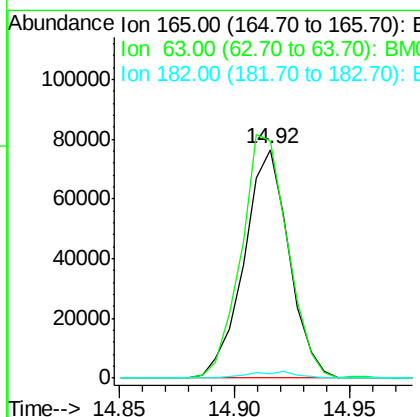
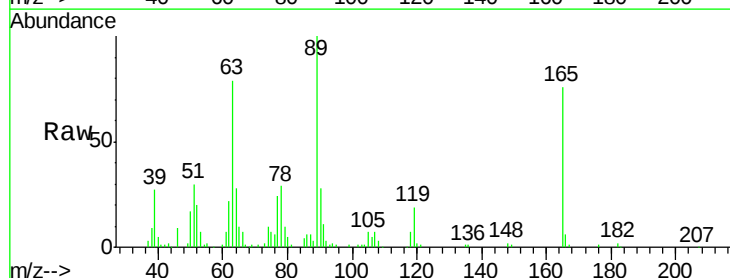
Instrument :
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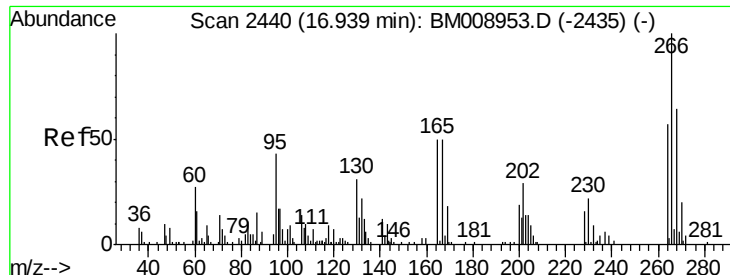
Tgt Ion:109 Resp: 127089
Ion Ratio Lower Upper
109 100
139 38.1 33.9 50.9
65 99.8 92.2 138.2



#54
2,4-Dinitrotoluene
Concen: 26.80 ng/ul
RT: 14.92 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM008961.D
Acq: 02 Feb 2017 14:29

Tgt Ion:165 Resp: 104357
Ion Ratio Lower Upper
165 100
63 103.5 75.7 113.5
182 2.0 1.7 2.5





#68

Pentachlorophenol

Concen: 27.13 ng/ul

RT: 16.94 min Scan# 2440

Delta R.T. -0.00 min

Lab File: BM008961.D

Acq: 02 Feb 2017 14:29

Instrument :

BNA_M

ClientSampleId :

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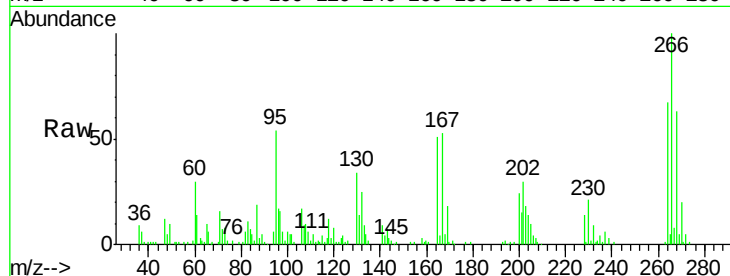
Tgt Ion:266 Resp: 96339

Ion Ratio Lower Upper

266 100

264 67.5 54.8 82.2

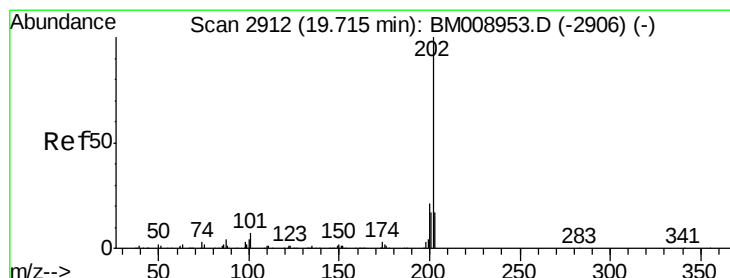
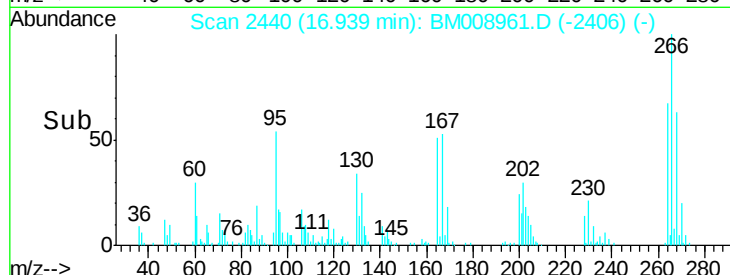
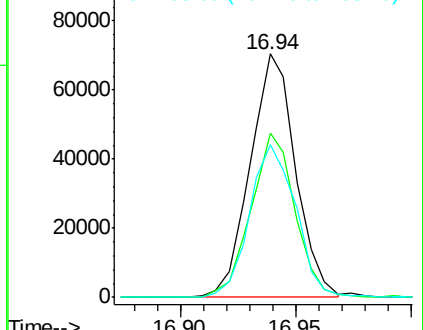
268 62.9 62.1 93.1



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: 32.97 ng/ul

RT: 19.72 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BM008961.D

Acq: 02 Feb 2017 14:29

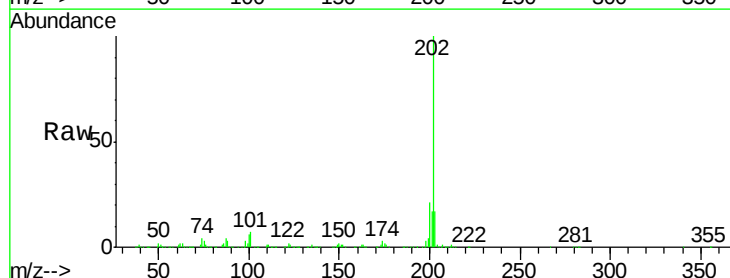
Tgt Ion:202 Resp: 983238

Ion Ratio Lower Upper

202 100

101 7.3 6.2 9.4

100 6.4 6.4 9.6



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

