

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012802.D
 Acq On : 07 Nov 2017 19:08
 Operator : SJ/JU
 Sample : I6164-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 08 01:55:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:41:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	107595	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	467211	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	296274	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	659659	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	549664	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	542854	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	6748	3.39	ng/uL	0.00
5) Phenol-d5	6.97	99	155071	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	87753	20.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	132436	19.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	112900	16.34	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	67200	19.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	78921	19.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	147975	18.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	112476	14.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	489635	19.97	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	589444	19.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	56131	14.29	ng/ul	0.00
57) Fluorene-d10	15.43	176	420156	20.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	55420	12.73	ng/ul	0.00
70) Anthracene-d10	17.28	188	615256	19.30	ng/ul	0.00
78) Pyrene-d10	19.57	212	614467	24.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	526577	20.52	ng/ul	0.00

Target Compounds

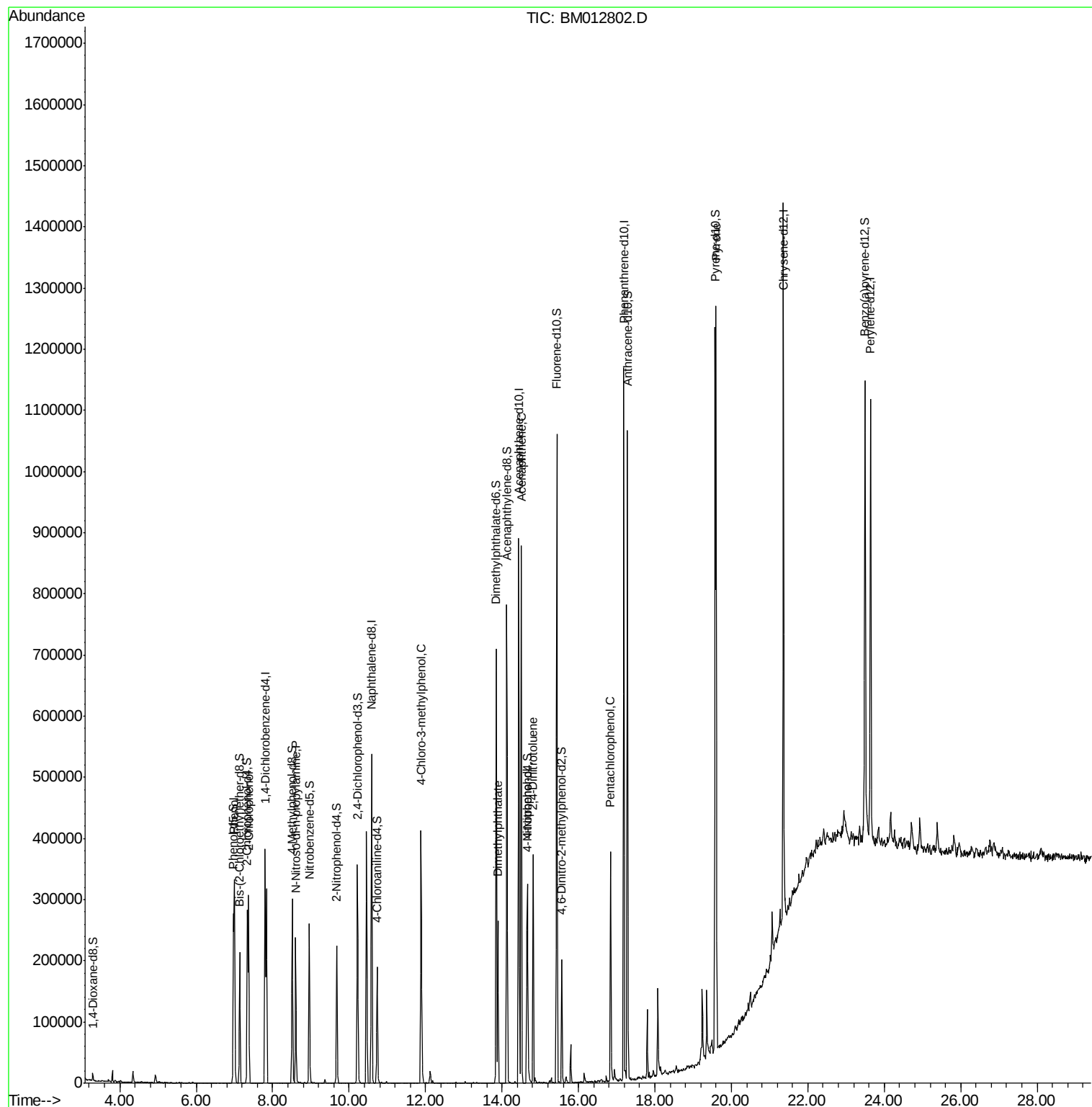
						Ovalue
6) Phenol	7.00	94	189657	23.08	ng/ul	97
10) 2-Chlorophenol	7.37	128	141166	20.55	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	93847	18.77	ng/ul	98
33) 4-Chloro-3-methylphenol	11.88	107	156898	20.45	ng/ul	96
44) Dimethylphthalate	13.89	163	180002	7.40	ng/ul#	97
49) Acenaphthene	14.50	153	353725	17.67	ng/ul	98
52) 4-Nitrophenol	14.67	109	49562	14.30	ng/ul	97
54) 2,4-Dinitrotoluene	14.82	165	120895	16.88	ng/ul	94
68) Pentachlorophenol	16.84	266	77666	14.05	ng/ul	97
79) Pyrene	19.60	202	714734	21.79	ng/ul#	93

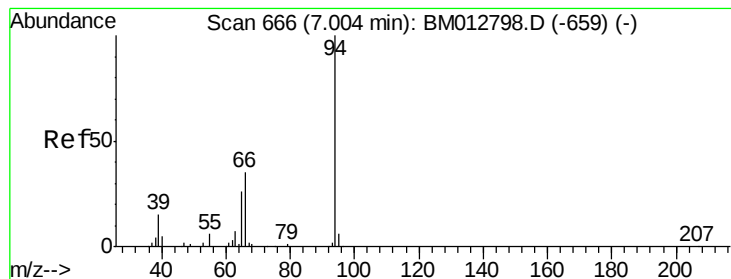
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 01:41:22 2017
Response via : Initial Calibration





#6

Phenol

Concen: 23.08 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM012802.D

Acq: 07 Nov 2017 19:08

Instrument :

BNA_M

ClientSampleId :

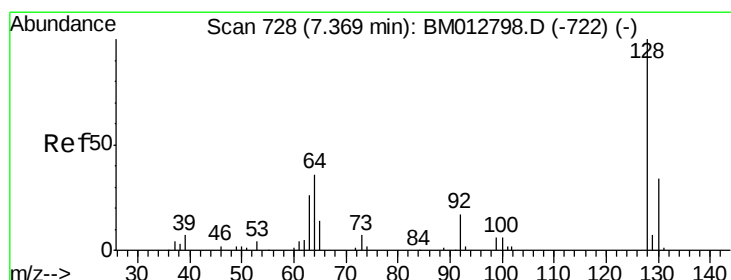
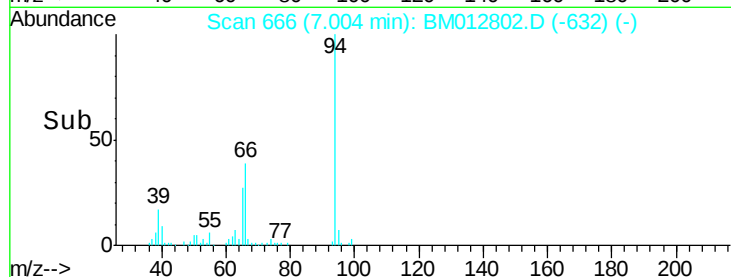
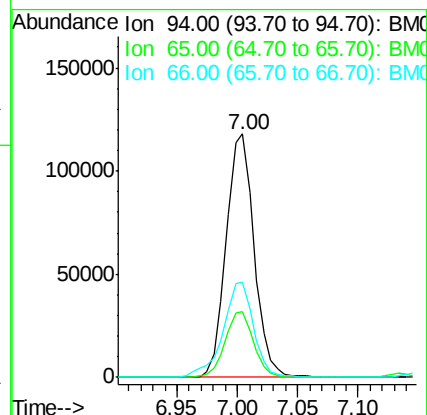
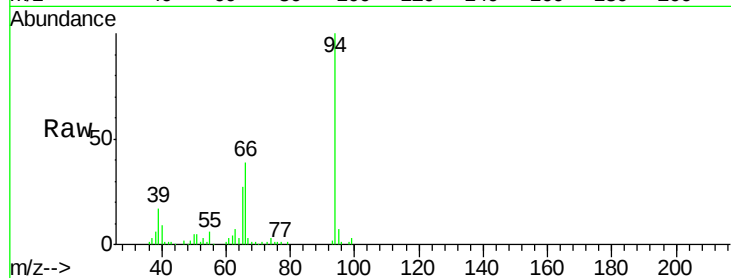
Tot Ion: 94 Resp: 189657

Ion Ratio Lower Upper

94 100

65 26.9 21.0 31.6

66 39.3 29.3 43.9



#10

2-Chlorophenol

Concen: 20.55 ng/ul

RT: 7.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BM012802.D

Acq: 07 Nov 2017 19:08

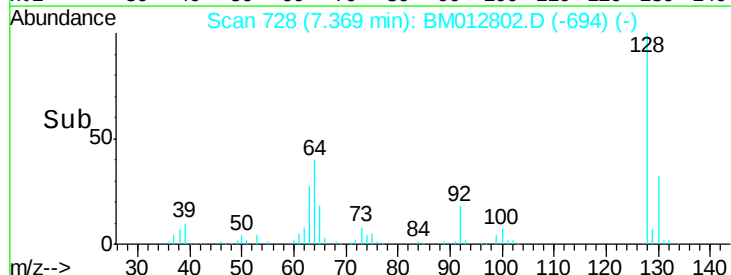
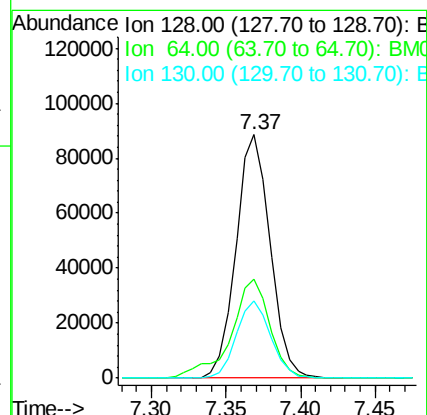
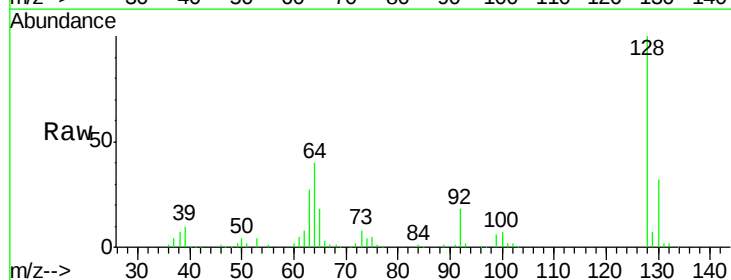
Tgt Ion:128 Resp: 141166

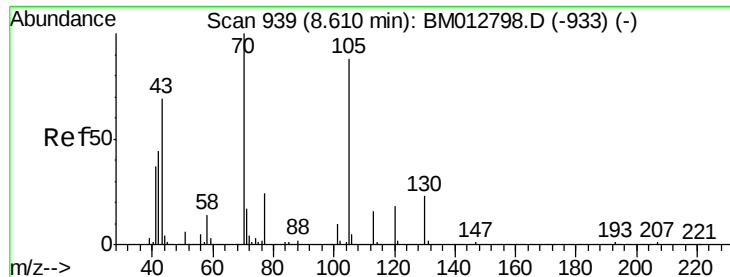
Ion Ratio Lower Upper

128 100

64 40.5 31.9 47.9

130 31.9 25.6 38.4

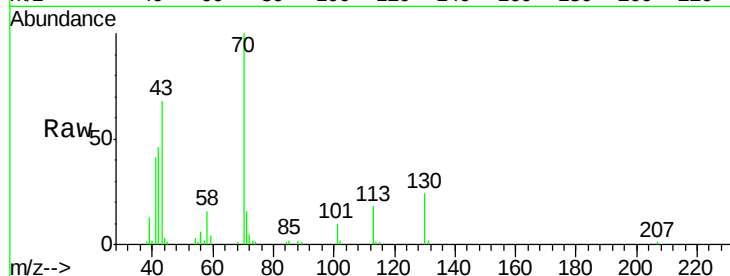




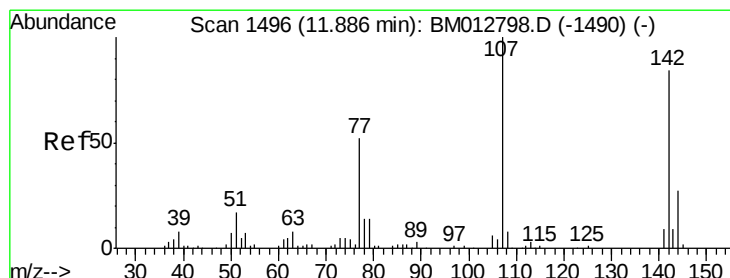
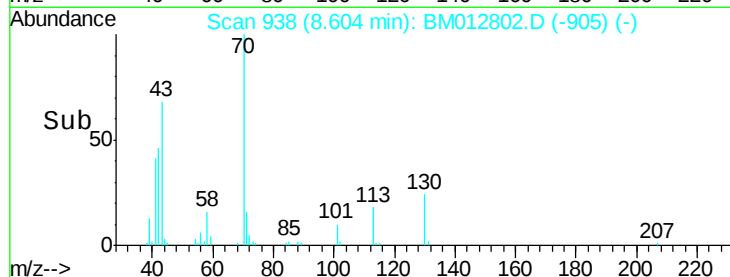
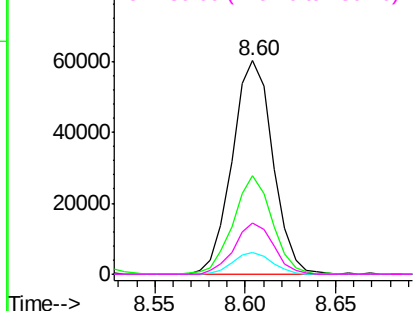
#15
N-Nitroso-di-n-propylamine
Concen: 18.77 ng/ul
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM012802.D
Acq: 07 Nov 2017 19:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	70	Resp:	93847
Ion	Ratio	Lower	Upper
70	100		
42	45.9	35.4	53.0
101	10.2	8.4	12.6
130	24.2	18.2	27.4

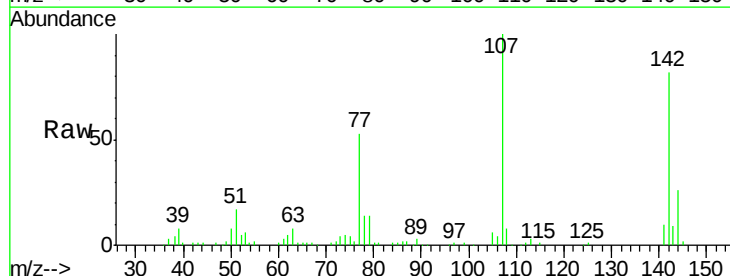


Abundance Ion 70.00 (69.70 to 70.70): BM012798.D (-933) (-)
Ion 42.00 (41.70 to 42.70): BM012798.D (-933) (-)
Ion 101.00 (100.70 to 101.70): BM012798.D (-933) (-)
Ion 130.00 (129.70 to 130.70): BM012798.D (-933) (-)

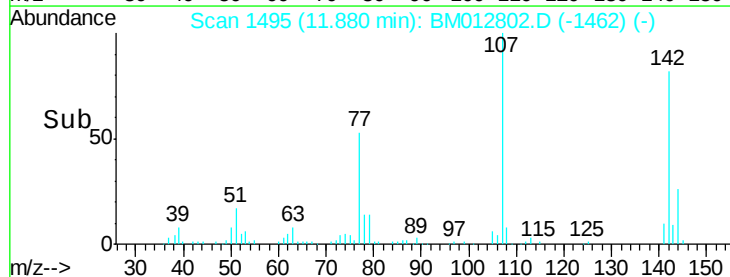
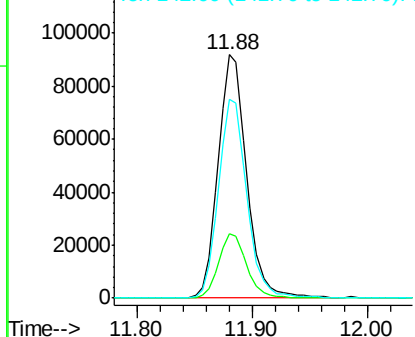


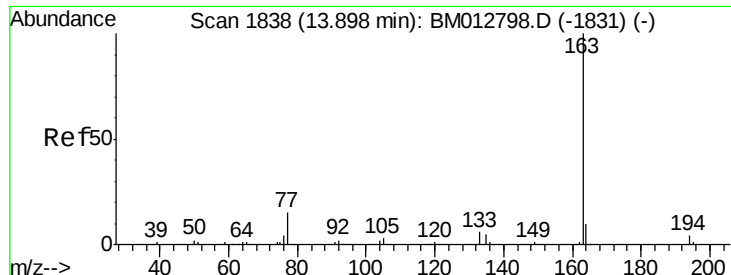
#33
4-Chloro-3-methylphenol
Concen: 20.45 ng/ul
RT: 11.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BM012802.D
Acq: 07 Nov 2017 19:08

Tgt Ion:	107	Resp:	156898
Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.4	30.6
142	81.8	62.5	93.7



Abundance Ion 107.00 (106.70 to 107.70): BM012798.D (-1490) (-)
Ion 144.00 (143.70 to 144.70): BM012798.D (-1490) (-)
Ion 142.00 (141.70 to 142.70): BM012798.D (-1490) (-)

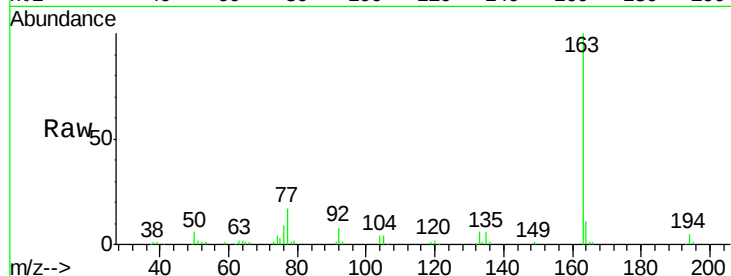




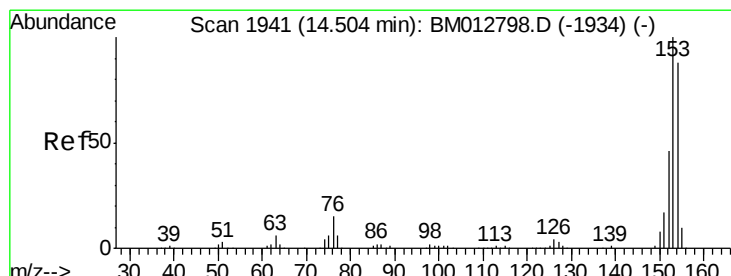
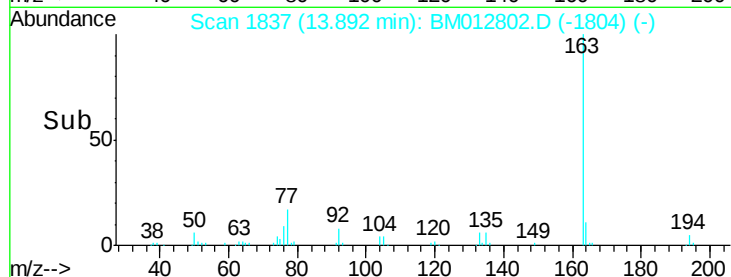
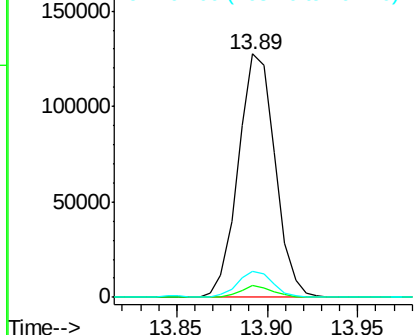
#44
Dimethylphthalate
Concen: 7.40 ng/ul
RT: 13.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM012802.D
Acq: 07 Nov 2017 19:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 180002
Ion Ratio Lower Upper
163 100
194 4.9 3.2 4.8#
164 10.8 7.8 11.8

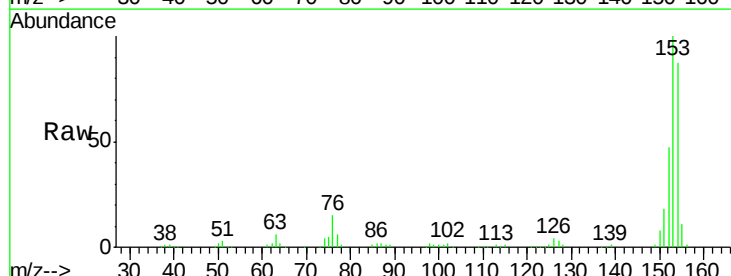


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

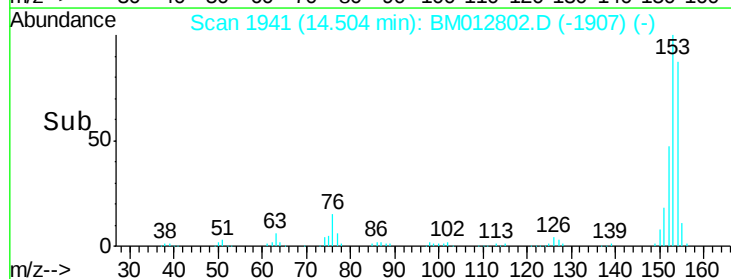
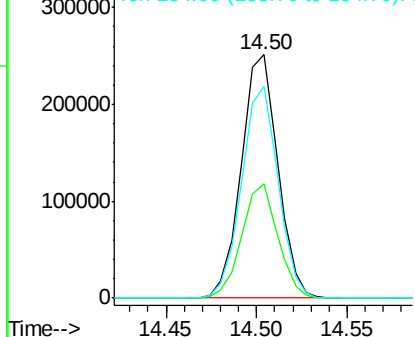


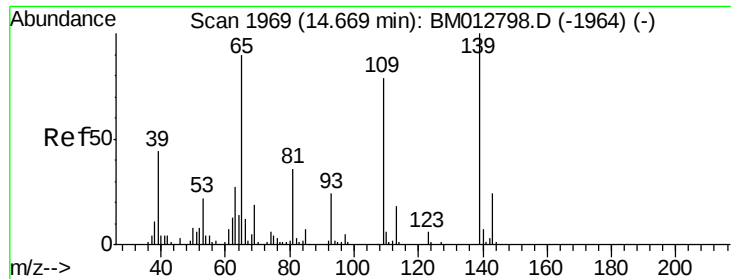
#49
Acenaphthene
Concen: 17.67 ng/ul
RT: 14.50 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BM012802.D
Acq: 07 Nov 2017 19:08

Tgt Ion:153 Resp: 353725
Ion Ratio Lower Upper
153 100
152 47.1 38.3 57.5
154 87.1 71.8 107.8



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

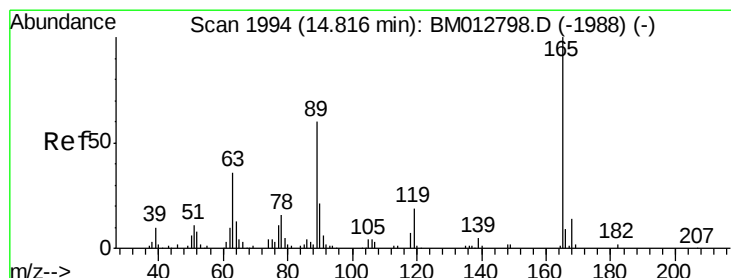
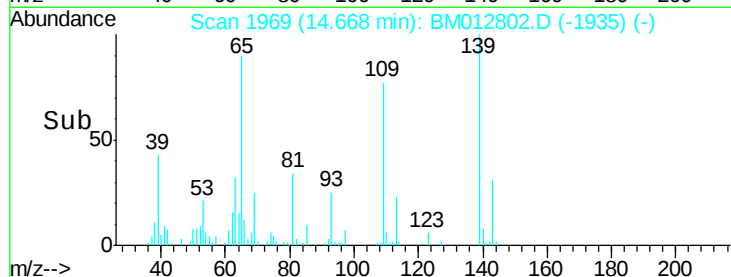
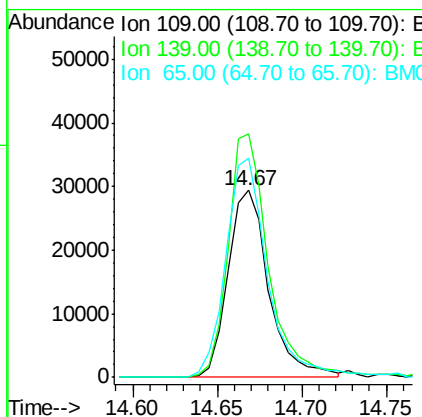
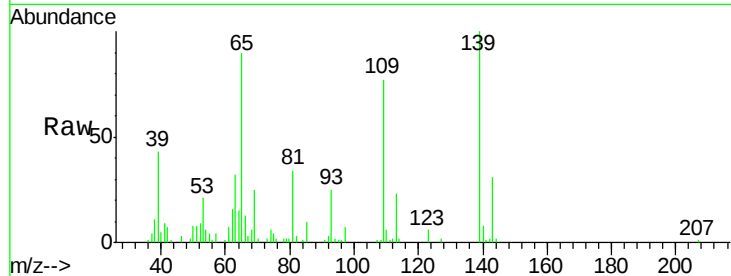




#52
4-Nitrophenol
Concen: 14.30 ng/ul
RT: 14.67 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BM012802.D
Acq: 07 Nov 2017 19:08

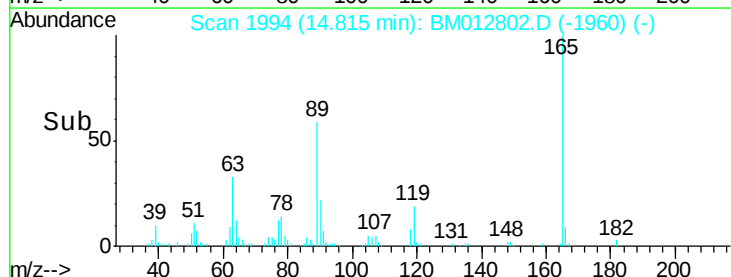
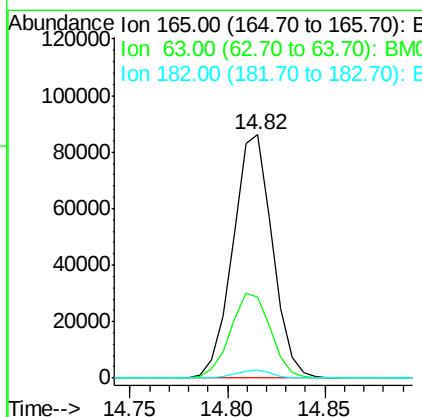
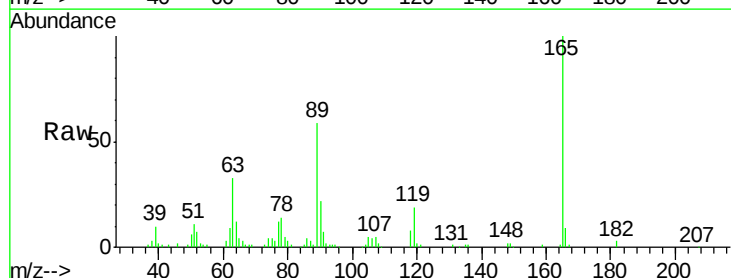
Instrument :
BNA_M
ClientSampled :

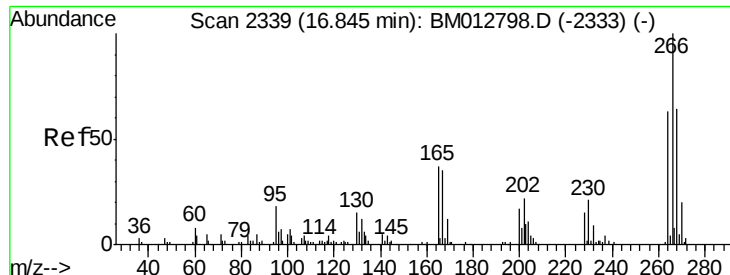
Tot Ion:109 Resp: 49562
Ion Ratio Lower Upper
109 100
139 130.3 103.7 155.5
65 117.7 89.4 134.2



#54
2,4-Dinitrotoluene
Concen: 16.88 ng/ul
RT: 14.82 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BM012802.D
Acq: 07 Nov 2017 19:08

Tgt Ion:165 Resp: 120895
Ion Ratio Lower Upper
165 100
63 33.4 29.8 44.6
182 3.3 2.2 3.4

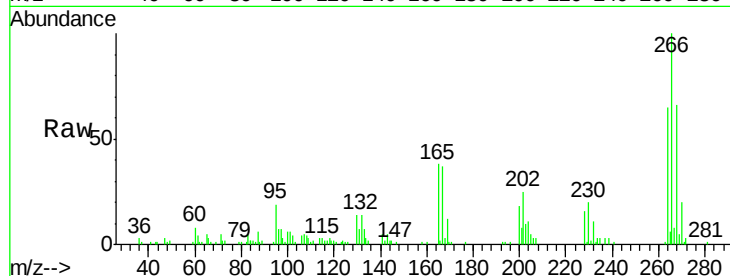




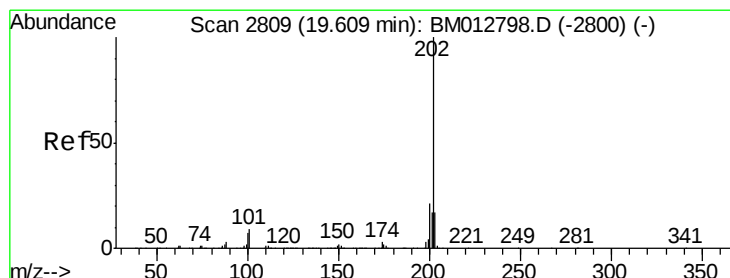
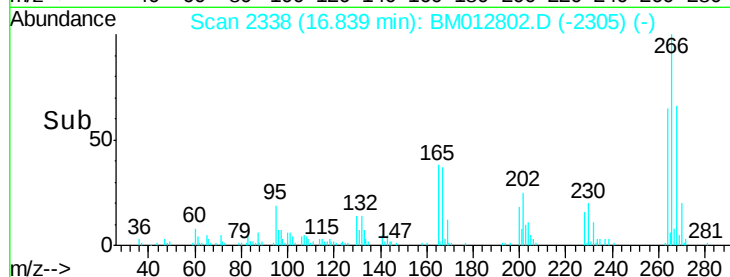
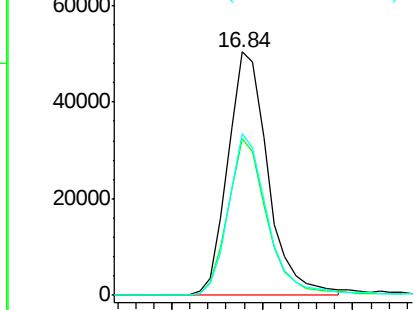
#68
 Pentachlorophenol
 Concen: 14.05 ng/ul
 RT: 16.84 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BM012802.D
 Acq: 07 Nov 2017 19:08

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:266 Resp: 77666
 Ion Ratio Lower Upper
 266 100
 264 64.5 50.5 75.7
 268 66.4 50.9 76.3

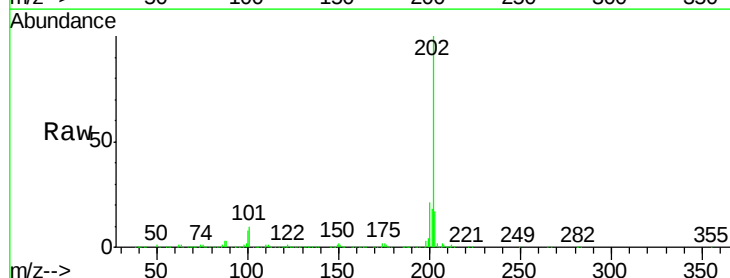


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 21.79 ng/ul
 RT: 19.60 min Scan# 2808
 Delta R.T. -0.01 min
 Lab File: BM012802.D
 Acq: 07 Nov 2017 19:08

Tgt Ion:202 Resp: 714734
 Ion Ratio Lower Upper
 202 100
 101 9.9 10.2 15.2#
 100 8.1 8.5 12.7#



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

