

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122115\
 Data File : BM003698.D
 Acq On : 22 Dec 2015 04:17
 Operator : UM/SJ
 Sample : G4801-34MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9C81MS

Quant Time: Dec 22 05:58:32 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 02:40:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	38016	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	158696	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	85212	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	186122	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	198313	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	190019	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	4390	6.22	ng/uL	0.00
5) Phenol-d5	6.87	99	92894	29.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	53130	31.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	80929	30.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	77748	28.02	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	38421	33.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	41660	32.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	72647	30.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	103221	32.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	232269	32.98	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	276772	34.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	39754	28.98	ng/ul	0.00
58) Fluorene-d10	15.34	176	195207	33.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	30380	28.96	ng/ul	0.00
71) Anthracene-d10	17.19	188	286369	33.82	ng/ul	0.00
79) Pyrene-d10	19.50	212	333648	38.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	339719	35.99	ng/ul	0.00

Target Compounds

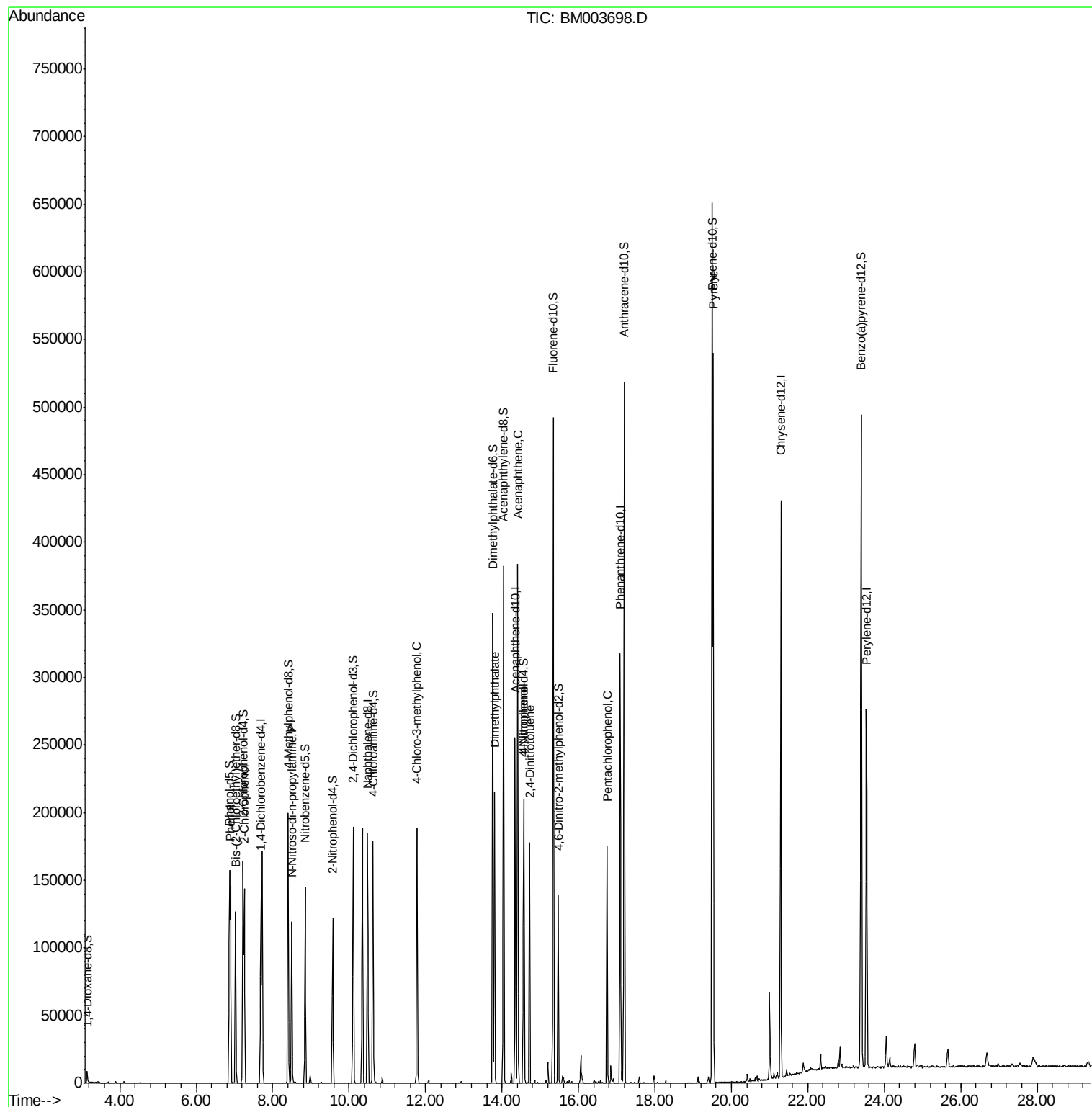
						Ovalue
6) Phenol	6.89	94	81627	24.19	ng/ul	98
10) 2-Chlorophenol	7.26	128	67861	24.97	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.50	70	48403	23.05	ng/ul	99
33) 4-Chloro-3-methylphenol	11.77	107	70835	24.57	ng/ul	99
45) Dimethylphthalate	13.80	163	138024	19.16	ng/ul	100
50) Acenaphthene	14.41	153	153240	26.17	ng/ul	97
53) 4-Nitrophenol	14.57	109	28458	24.51	ng/ul	97
55) 2,4-Dinitrotoluene	14.72	165	54385	25.51	ng/ul	99
69) Pentachlorophenol	16.75	266	29123	25.05	ng/ul	98
80) Pyrene	19.53	202	326313	28.59	ng/ul	98

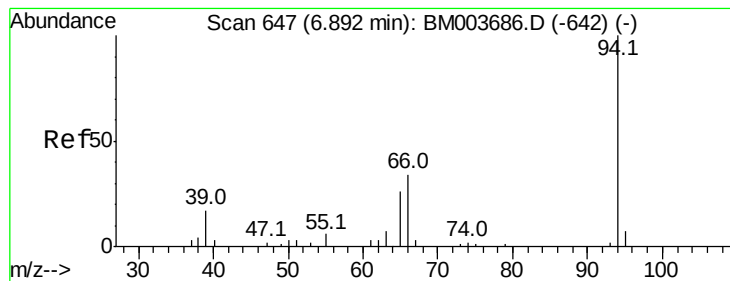
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 24.19 ng/ul

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM003698.D

Acq: 22 Dec 2015 04:17

Instrument :

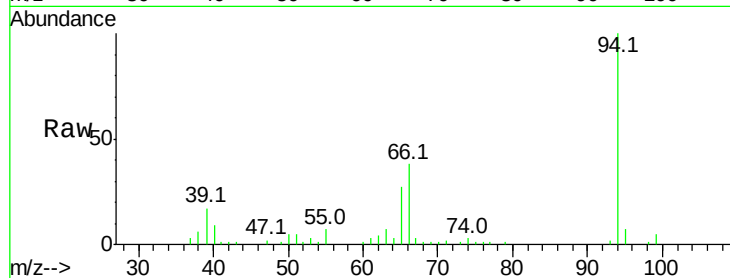
BNA_M

ClientSampleId :

G9C81MS

Tot Ion: 94 Resp: 81627

Ion	Ratio	Lower	Upper
94	100		
65	26.9	21.0	31.6
66	37.9	29.3	43.9

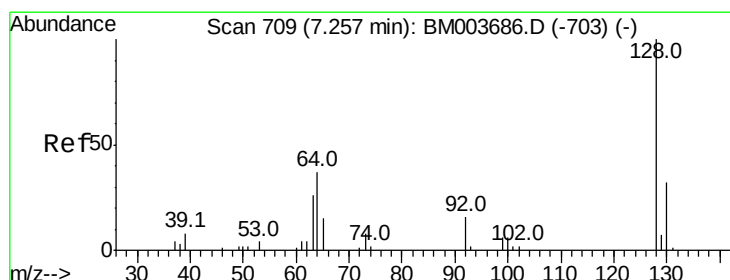
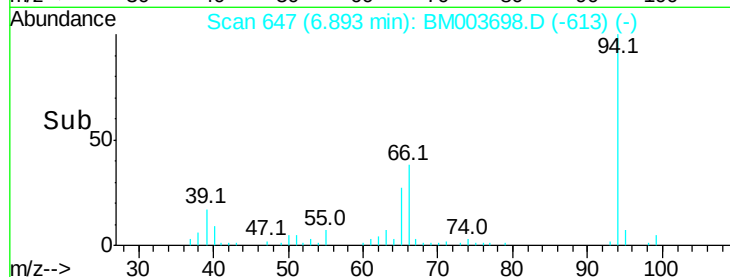
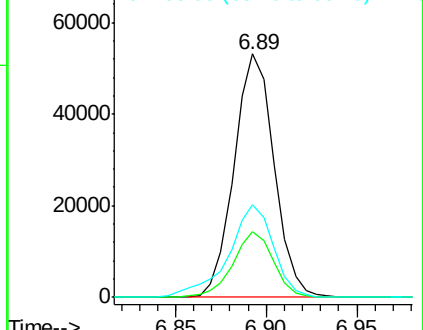


Abundance

Ion 94.00 (93.70 to 94.70): BM003686.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM003686.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM003686.D (-642) (-)



#10

2-Chlorophenol

Concen: 24.97 ng/ul

RT: 7.26 min Scan# 709

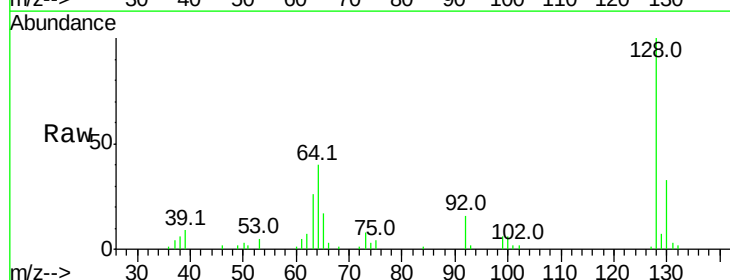
Delta R.T. 0.00 min

Lab File: BM003698.D

Acq: 22 Dec 2015 04:17

Tgt Ion: 128 Resp: 67861

Ion	Ratio	Lower	Upper
128	100		
64	40.0	31.9	47.9
130	32.5	25.6	38.4

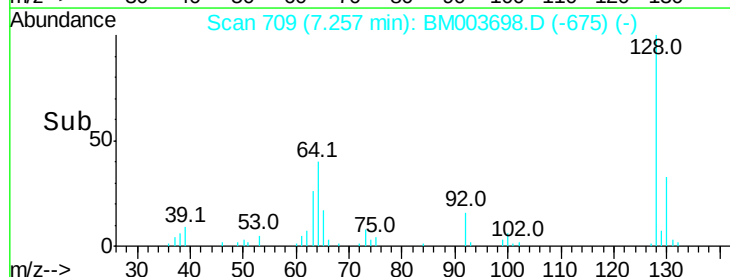
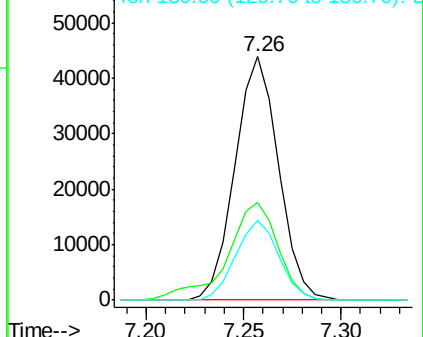


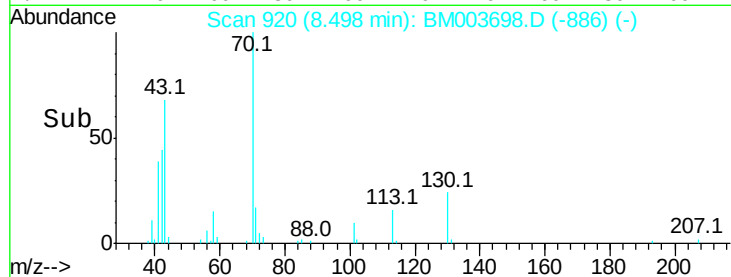
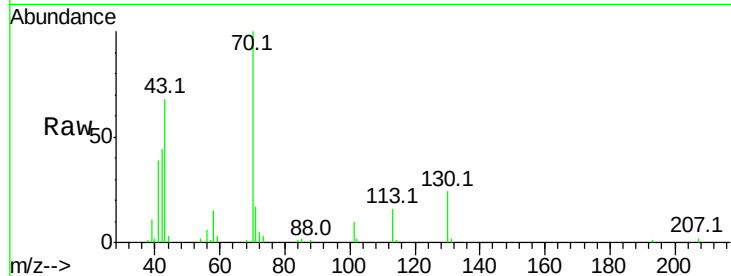
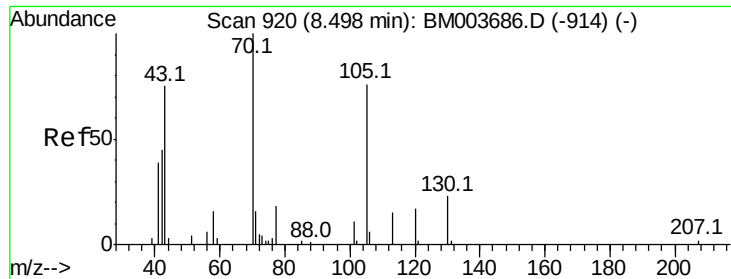
Abundance

Ion 128.00 (127.70 to 128.70): BM003686.D (-703) (-)

Ion 64.00 (63.70 to 64.70): BM003686.D (-703) (-)

Ion 130.00 (129.70 to 130.70): BM003686.D (-703) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 23.05 ng/ul

RT: 8.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BM003698.D

Acq: 22 Dec 2015 04:17

Instrument :

BNA_M

ClientSampleId :

G9C81MS

Tot Ion: 70 Resp: 48403

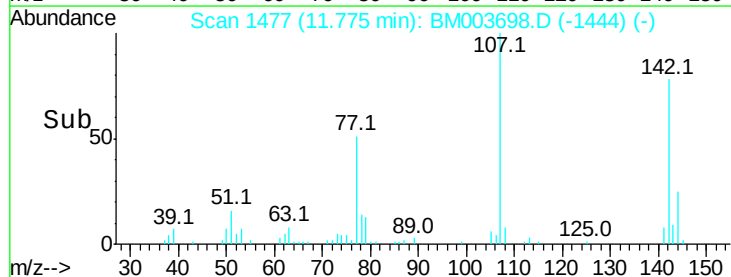
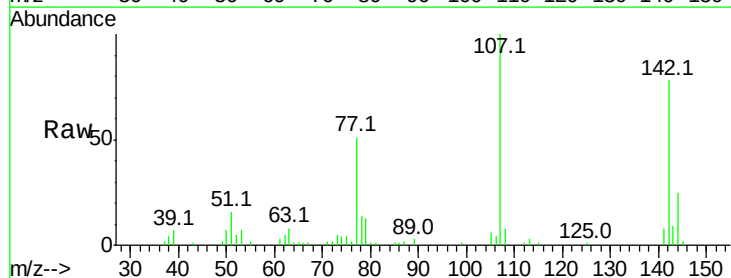
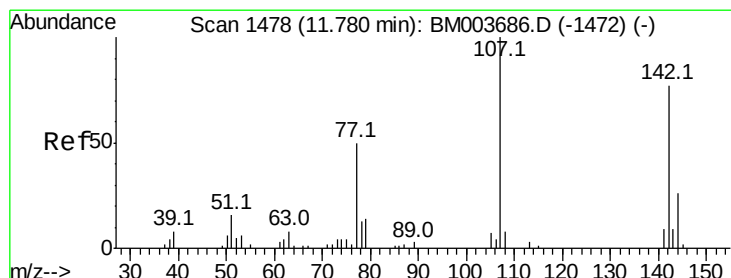
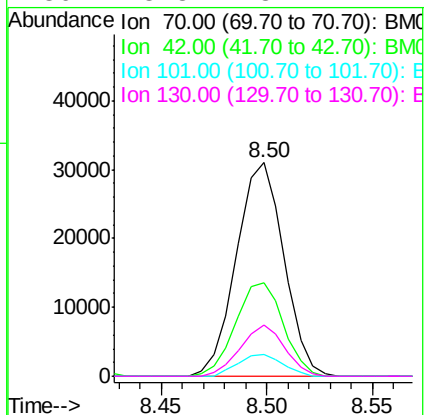
Ion Ratio Lower Upper

70 100

42 43.8 35.4 53.0

101 10.4 8.4 12.6

130 23.8 18.2 27.4



#33

4-Chloro-3-methylphenol

Concen: 24.57 ng/ul

RT: 11.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BM003698.D

Acq: 22 Dec 2015 04:17

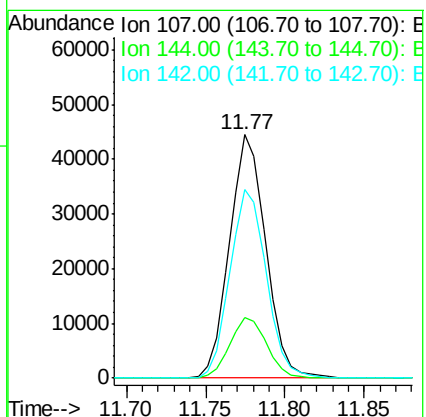
Tgt Ion: 107 Resp: 70835

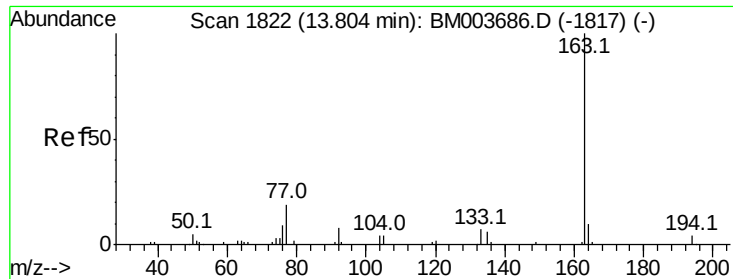
Ion Ratio Lower Upper

107 100

144 24.8 20.4 30.6

142 77.6 62.5 93.7

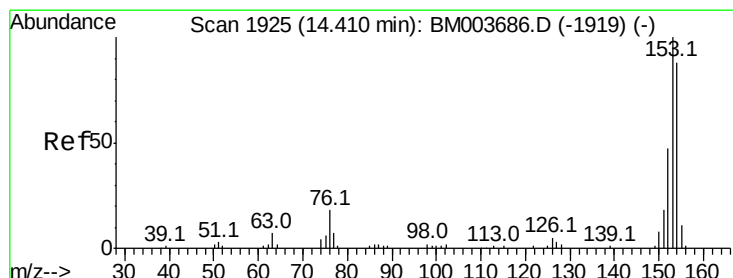
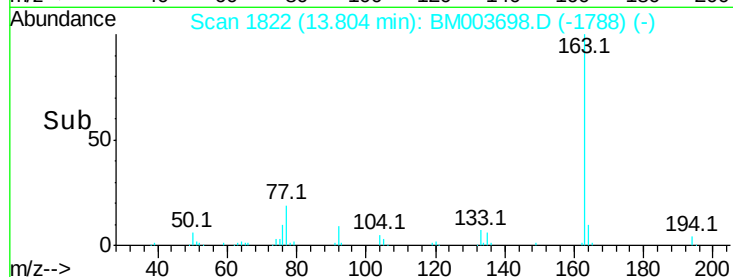
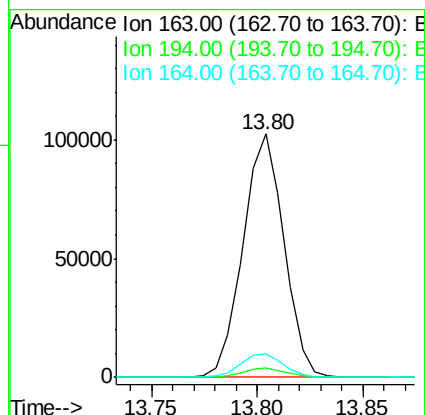
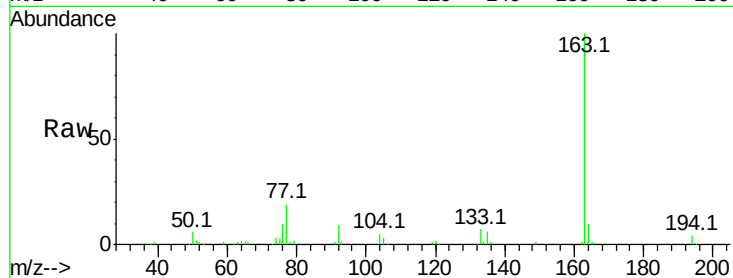




#45
Dimethylphthalate
Concen: 19.16 ng/ul
RT: 13.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM003698.D
Acq: 22 Dec 2015 04:17

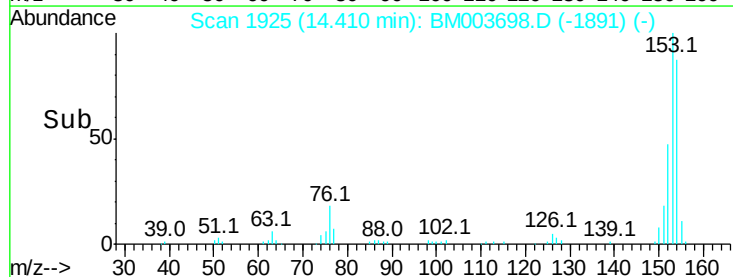
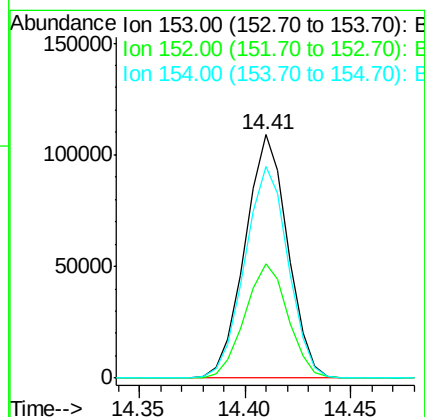
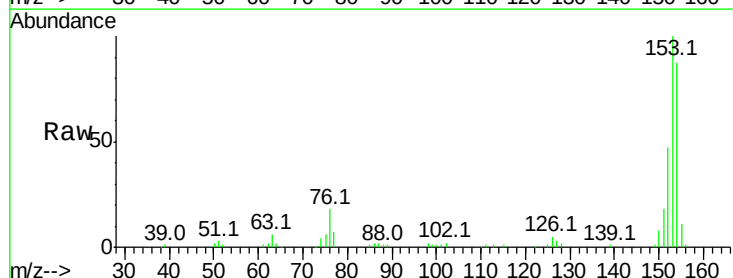
Instrument :
BNA_M
ClientSampled :
G9C81MS

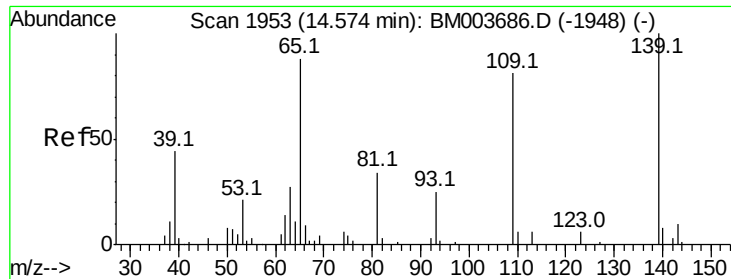
Tot Ion:163 Resp: 138024
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.7 7.8 11.8



#50
Acenaphthene
Concen: 26.17 ng/ul
RT: 14.41 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM003698.D
Acq: 22 Dec 2015 04:17

Tgt Ion:153 Resp: 153240
Ion Ratio Lower Upper
153 100
152 46.8 38.3 57.5
154 86.8 71.8 107.8





#53

4-Nitrophenol

Concen: 24.51 ng/ul

RT: 14.57 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BM003698.D

Acq: 22 Dec 2015 04:17

Instrument :

BNA_M

ClientSampleId :

G9C81MS

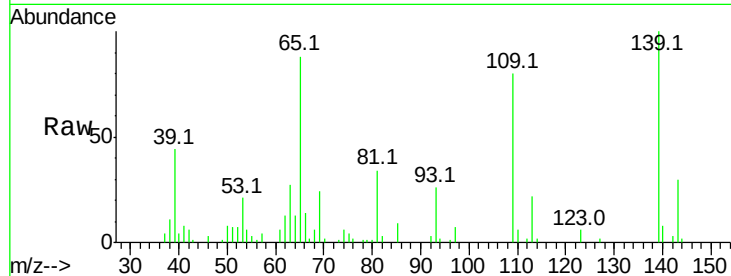
Tot Ion:109 Resp: 28458

Ion Ratio Lower Upper

109 100

139 125.7 103.7 155.5

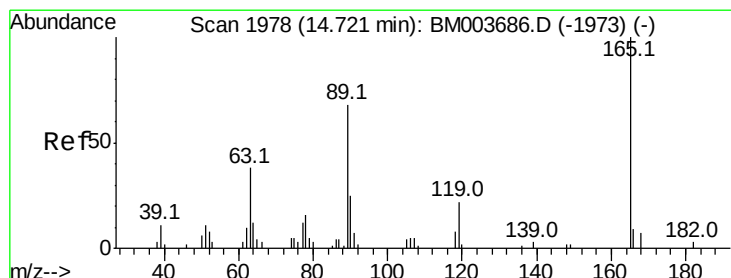
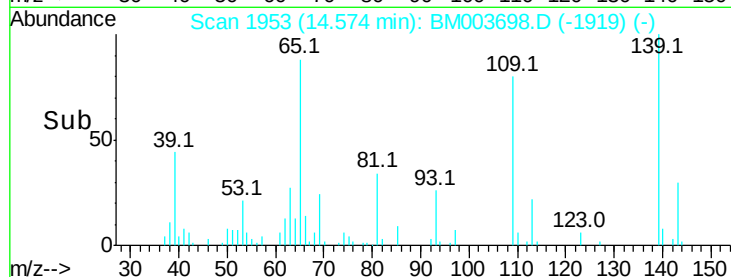
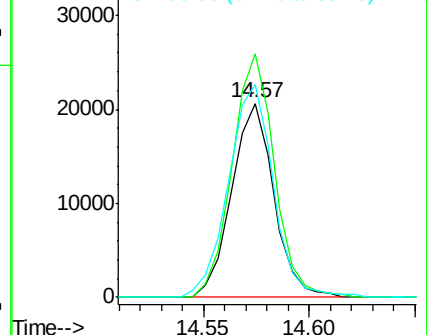
65 110.0 89.4 134.2



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



#55

2,4-Dinitrotoluene

Concen: 25.51 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BM003698.D

Acq: 22 Dec 2015 04:17

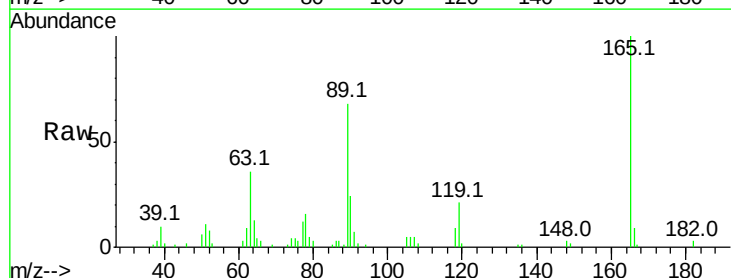
Tgt Ion:165 Resp: 54385

Ion Ratio Lower Upper

165 100

63 36.5 29.8 44.6

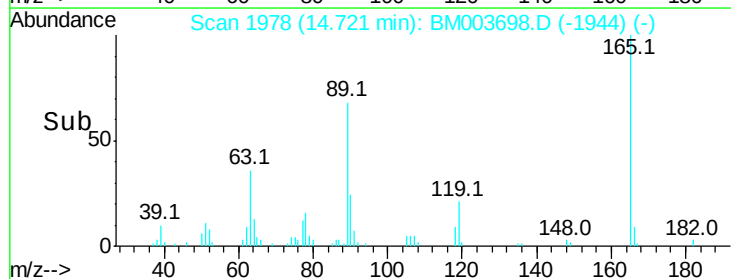
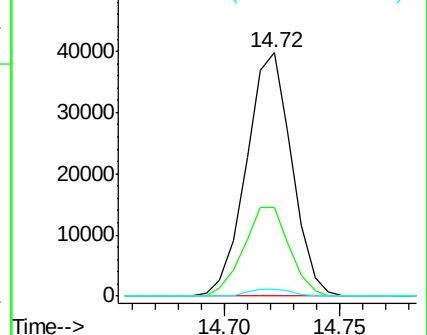
182 2.9 2.2 3.4

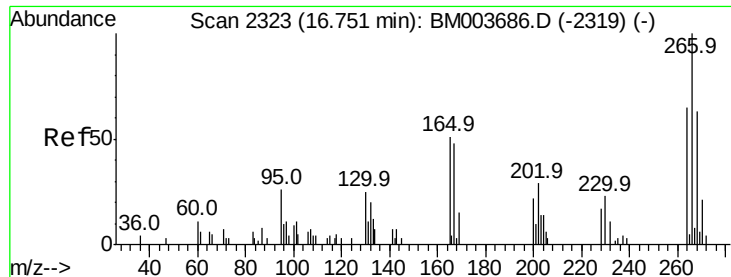


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

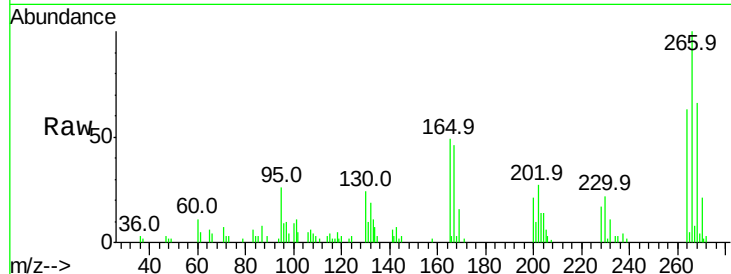




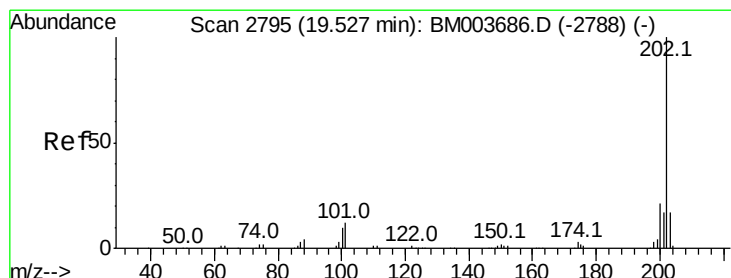
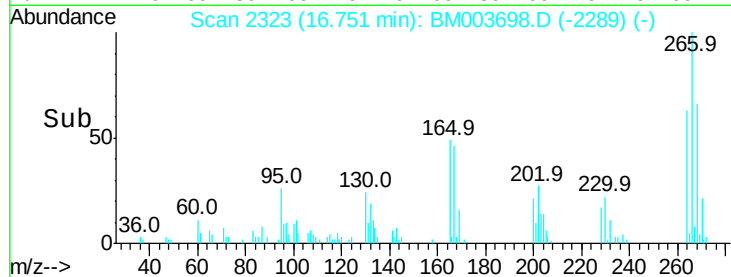
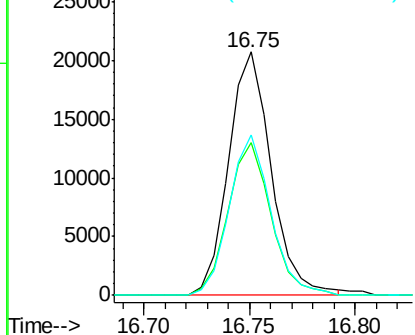
#69
 Pentachlorophenol
 Concen: 25.05 ng/ul
 RT: 16.75 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BM003698.D
 Acq: 22 Dec 2015 04:17

Instrument :
 BNA_M
 ClientSampleId :
 G9C81MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.5	75.7
268	66.0	50.9	76.3

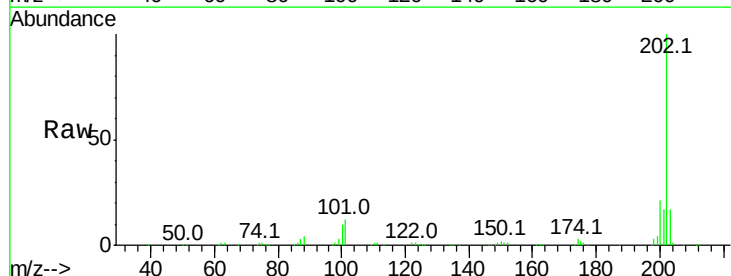


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 28.59 ng/ul
 RT: 19.53 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BM003698.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.2	15.2
100	9.6	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

