

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
 Data File : BM008145.D
 Acq On : 01 Dec 2016 19:41
 Operator : UM/SJ
 Sample : H5730-11MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WH6MSD

Quant Time: Dec 02 05:55:16 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 03:12:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	192681	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	776923	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	502019	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	918008	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	934544	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	919856	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	19909	5.11	ng/uL	0.00
5) Phenol-d5	6.87	99	358381	24.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	232652	28.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	292812	26.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	251596	22.54	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	149962	26.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	169510	26.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	280574	24.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	273299	24.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	919822	28.43	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1045683	26.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	102202	20.45	ng/ul	0.00
57) Fluorene-d10	15.33	176	762163	27.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	115477	21.19	ng/ul	0.00
70) Anthracene-d10	17.19	188	1017709	25.77	ng/ul	0.00
76) Pyrene-d10	19.49	212	1078560	28.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	979554	25.56	ng/ul	0.00

Target Compounds

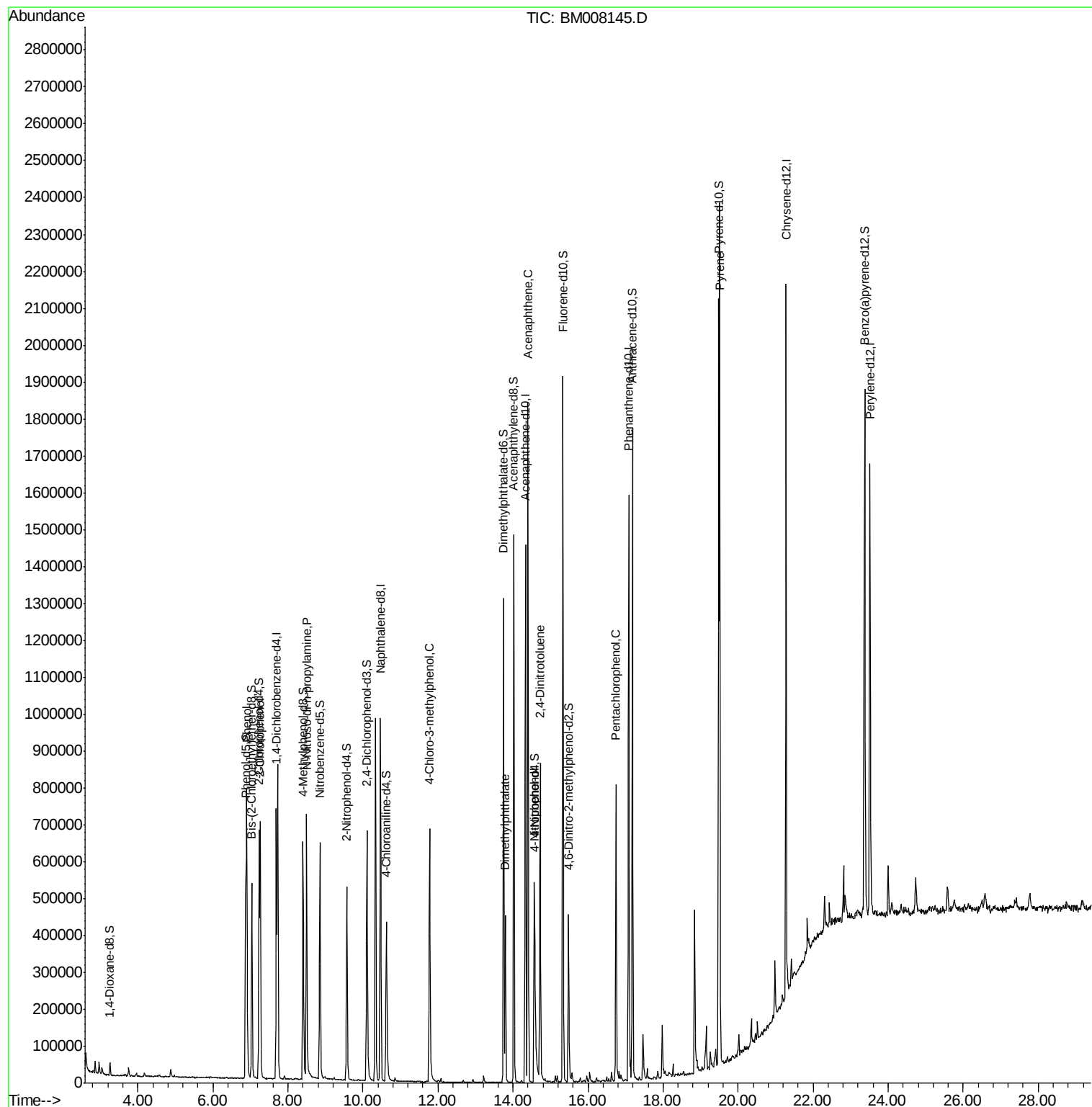
						Ovalue
6) Phenol	6.90	94	453661	30.76	ng/ul	99
10) 2-Chlorophenol	7.26	128	292774	25.72	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	277315	29.59	ng/ul	99
33) 4-Chloro-3-methylphenol	11.77	107	295394	24.32	ng/ul	99
44) Dimethylphthalate	13.80	163	294720	9.29	ng/ul	99
49) Acenaphthene	14.40	153	727669	26.56	ng/ul	97
52) 4-Nitrophenol	14.58	109	107546	22.89	ng/ul	92
54) 2,4-Dinitrotoluene	14.73	165	249927	27.88	ng/ul#	78
68) Pentachlorophenol	16.74	266	156641	24.04	ng/ul	97
77) Pyrene	19.52	202	1437009	29.89	ng/ul	99

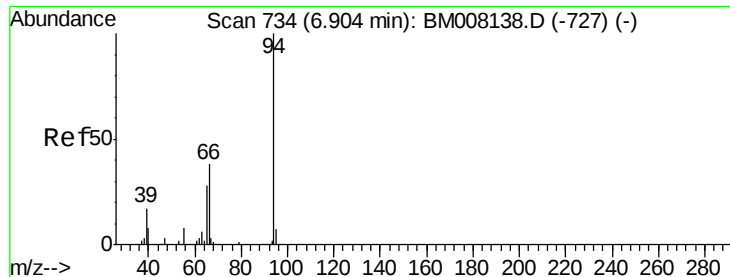
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 30.76 ng/ul

RT: 6.90 min Scan# 734

Delta R.T. 0.00 min

Lab File: BM008145.D

Acq: 01 Dec 2016 19:41

Instrument :

BNA_M

ClientSampleId :

A4WH6MSD

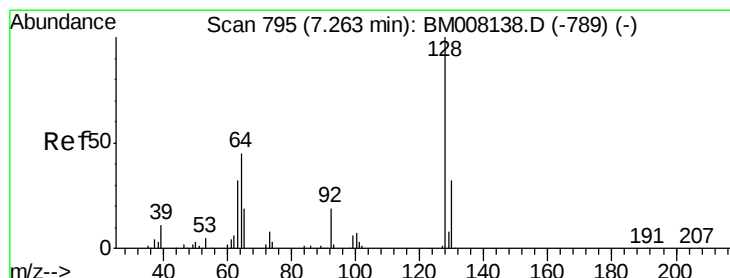
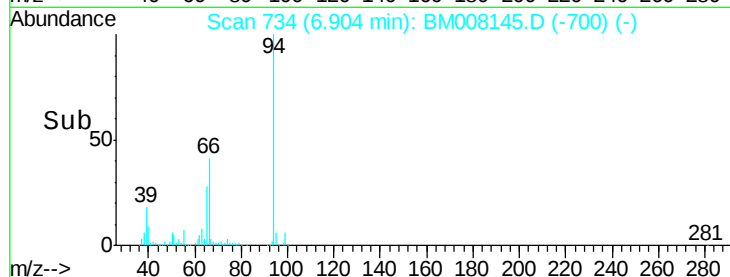
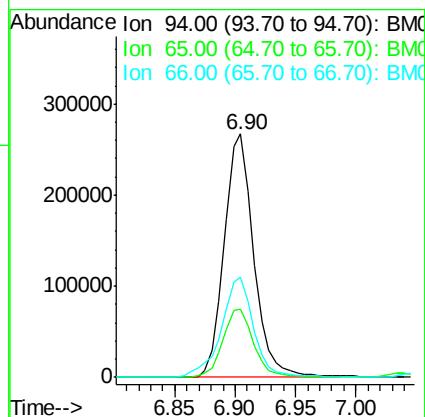
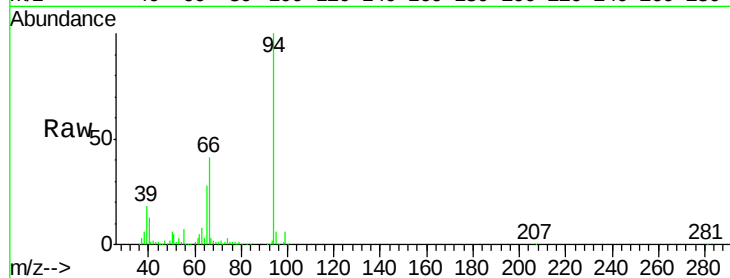
Tot Ion: 94 Resp: 453661

Ion Ratio Lower Upper

94 100

65 28.1 23.1 34.7

66 41.3 33.7 50.5



#10

2-Chlorophenol

Concen: 25.72 ng/ul

RT: 7.26 min Scan# 795

Delta R.T. 0.00 min

Lab File: BM008145.D

Acq: 01 Dec 2016 19:41

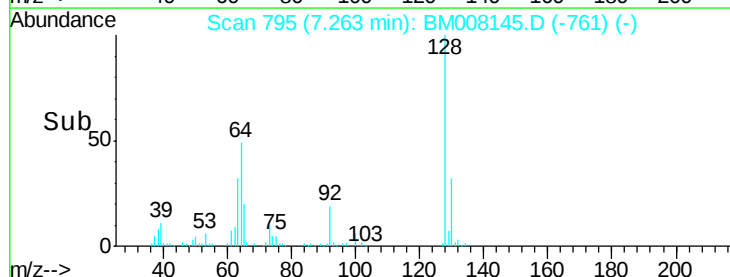
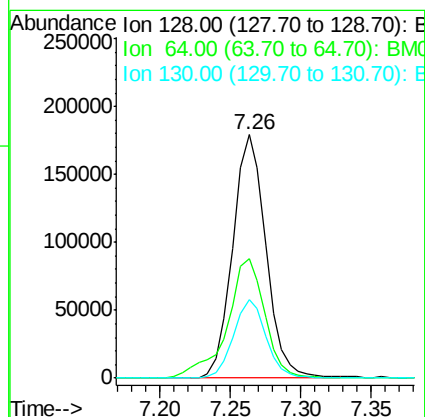
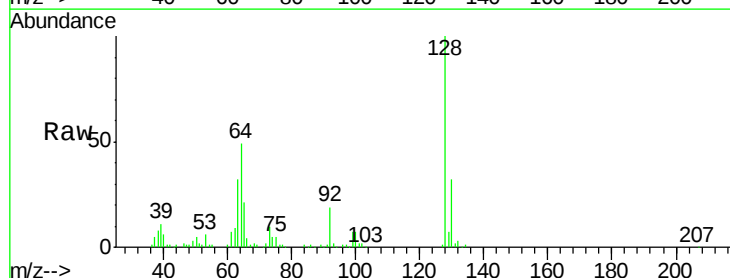
Tgt Ion: 128 Resp: 292774

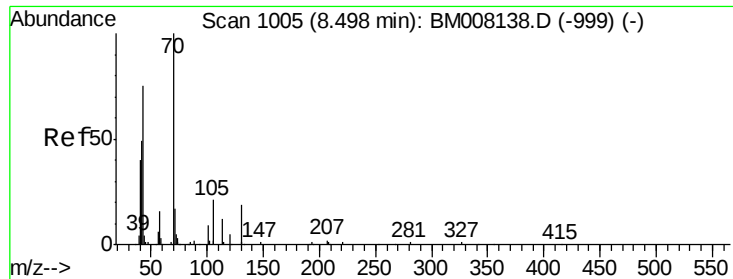
Ion Ratio Lower Upper

128 100

64 48.8 38.7 58.1

130 32.3 26.9 40.3

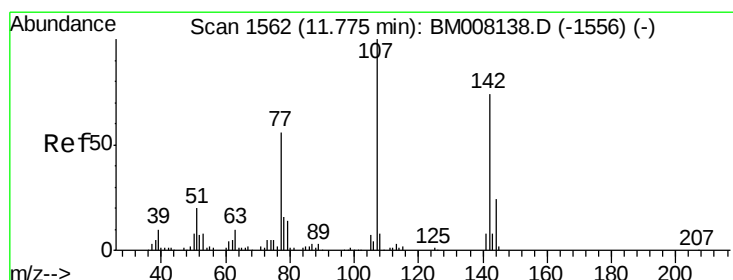
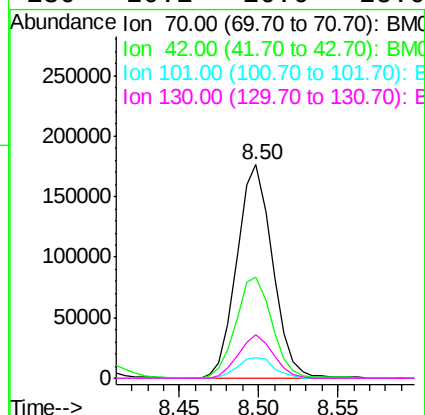
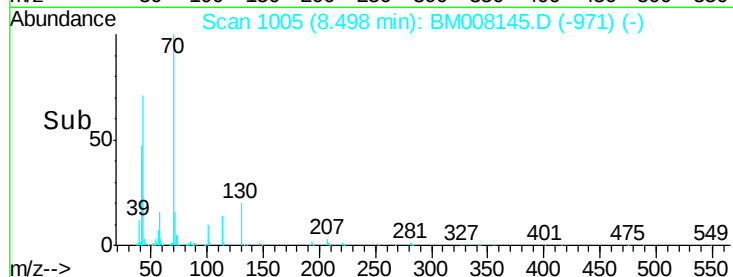
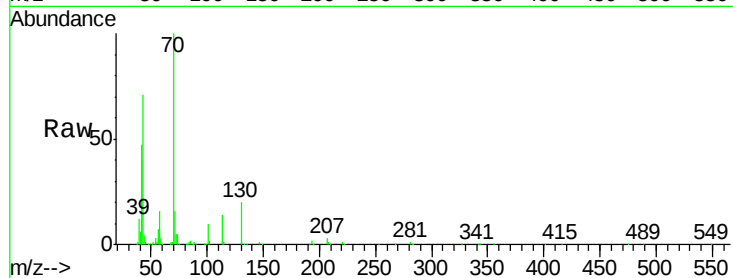




#15
N-Nitroso-di-n-propylamine
Concen: 29.59 ng/ul
RT: 8.50 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BM008145.D
Acq: 01 Dec 2016 19:41

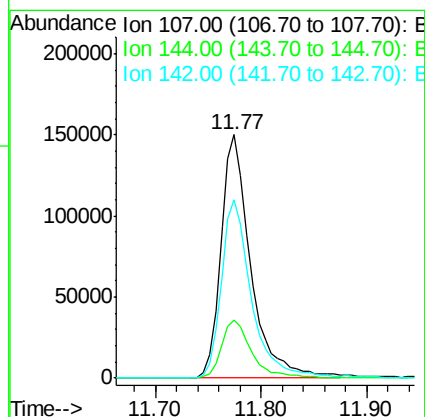
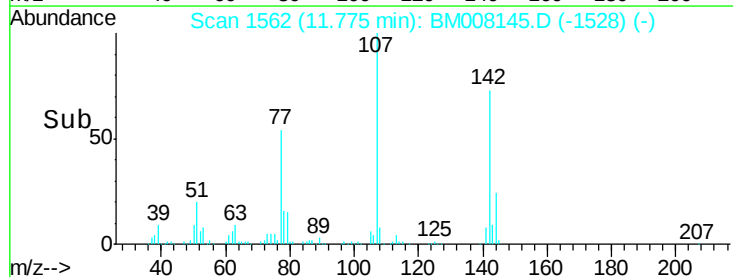
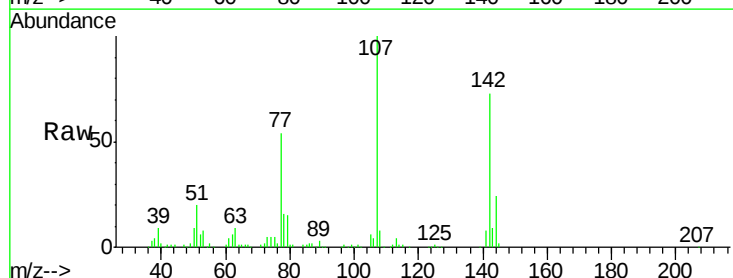
Instrument :
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A4WH6MSD

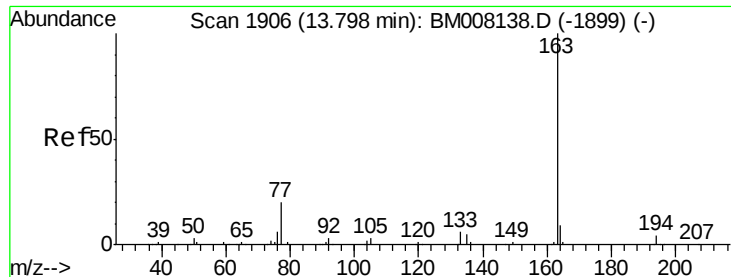
Tot Ion: 70 Resp: 277315
Ion Ratio Lower Upper
70 100
42 47.2 37.5 56.3
101 9.5 7.8 11.8
130 20.1 16.6 25.0



#33
4-Chloro-3-methylphenol
Concen: 24.32 ng/ul
RT: 11.77 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BM008145.D
Acq: 01 Dec 2016 19:41

Tgt Ion:107 Resp: 295394
Ion Ratio Lower Upper
107 100
144 23.9 19.4 29.2
142 73.2 58.0 87.0

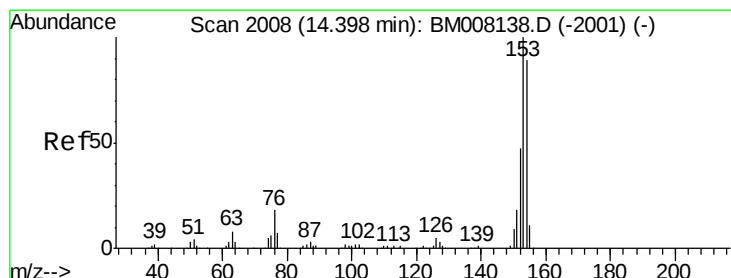
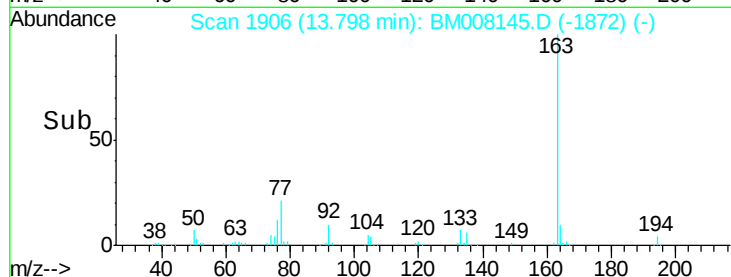
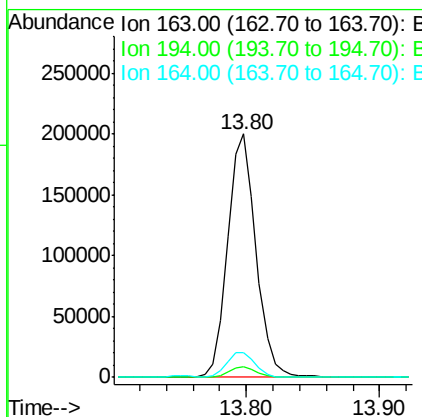
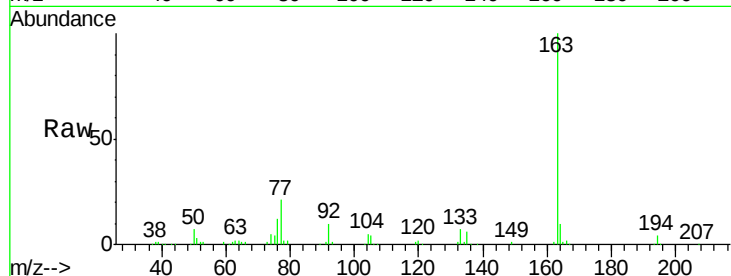




#44
Dimethylphthalate
Concen: 9.29 ng/ul
RT: 13.80 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM008145.D
Acq: 01 Dec 2016 19:41

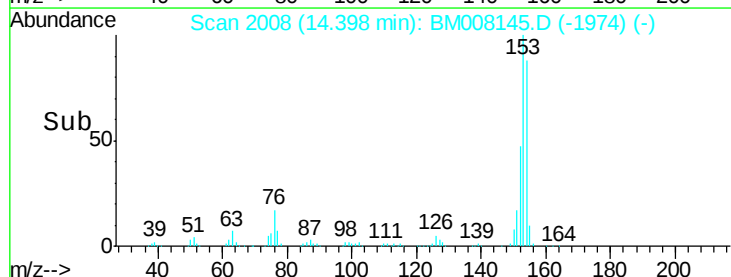
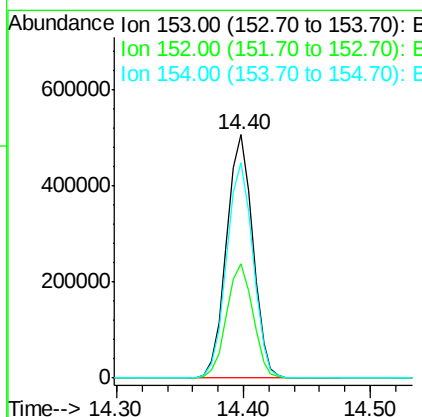
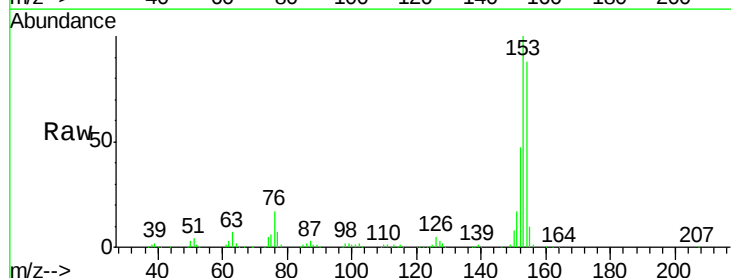
Instrument :
BNA_M
ClientSampleId :
A4WH6MSD

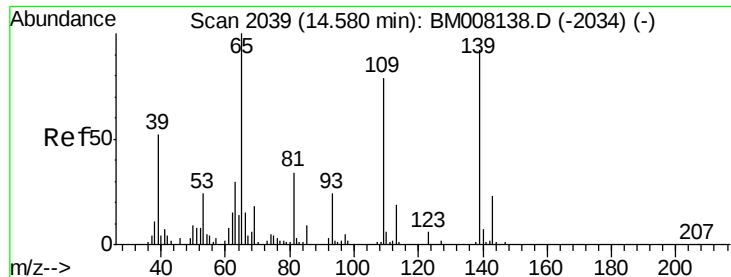
Tot Ion:163 Resp: 294720
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.0 8.2 12.4



#49
Acenaphthene
Concen: 26.56 ng/ul
RT: 14.40 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BM008145.D
Acq: 01 Dec 2016 19:41

Tgt Ion:153 Resp: 727669
Ion Ratio Lower Upper
153 100
152 46.9 36.4 54.6
154 88.5 68.7 103.1





#52

4-Nitrophenol

Concen: 22.89 ng/ul

RT: 14.58 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BM008145.D

Acq: 01 Dec 2016 19:41

Instrument :

BNA_M

ClientSampleId :

A4WH6MSD

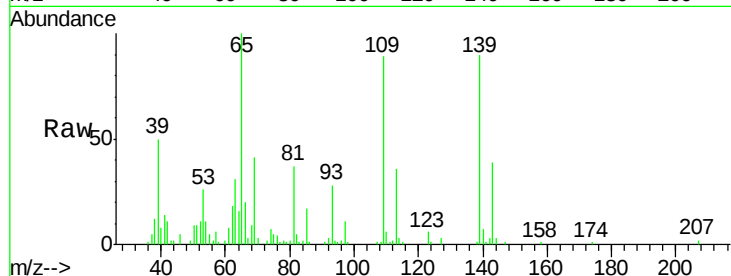
Tot Ion:109 Resp: 107546

Ion Ratio Lower Upper

109 100

139 100.6 85.4 128.2

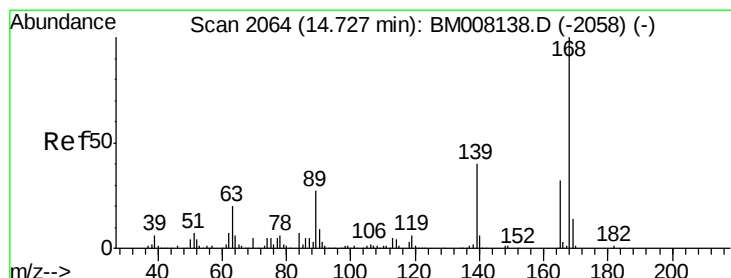
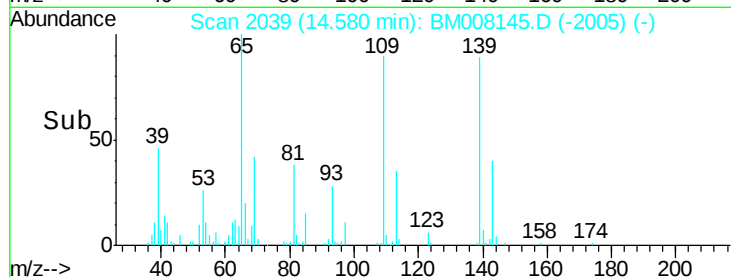
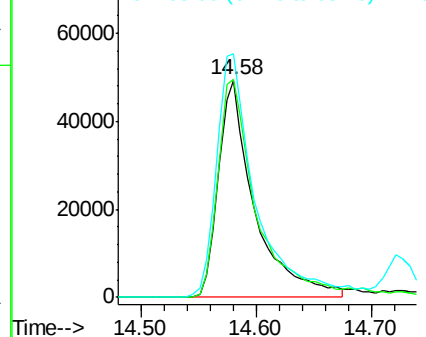
65 112.2 97.7 146.5



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: 27.88 ng/ul

RT: 14.73 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BM008145.D

Acq: 01 Dec 2016 19:41

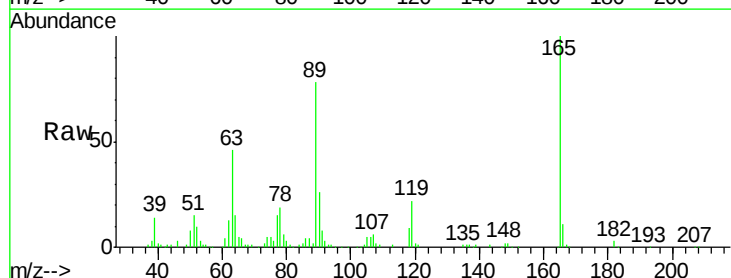
Tgt Ion:165 Resp: 249927

Ion Ratio Lower Upper

165 100

63 45.6 50.6 76.0#

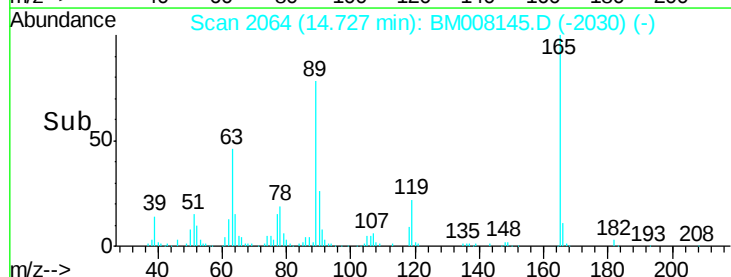
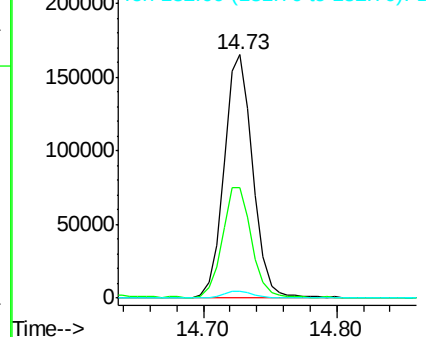
182 2.5 2.7 4.1#

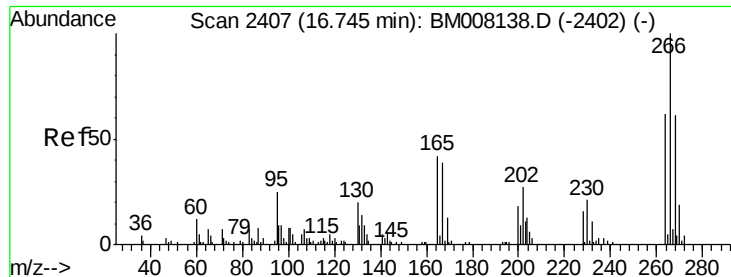


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

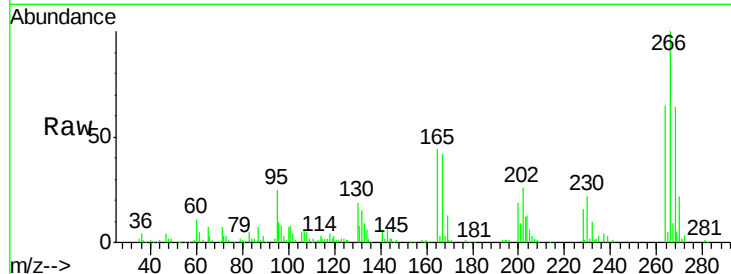




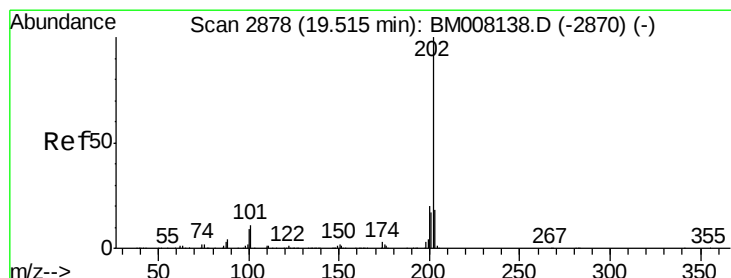
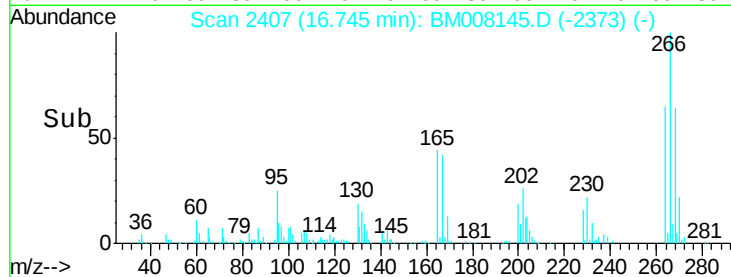
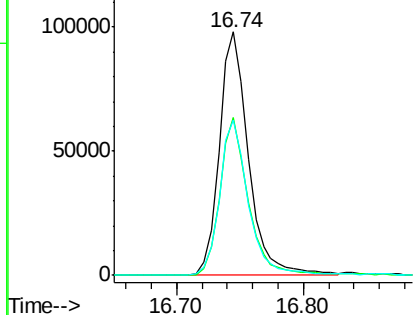
#68
 Pentachlorophenol
 Concen: 24.04 ng/ul
 RT: 16.74 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BM008145.D
 Acq: 01 Dec 2016 19:41

Instrument :
 BNA_M
 ClientSampleId :
 A4WH6MSD

Tot Ion:266 Resp: 156641
 Ion Ratio Lower Upper
 266 100
 264 64.9 50.6 75.8
 268 64.0 49.1 73.7

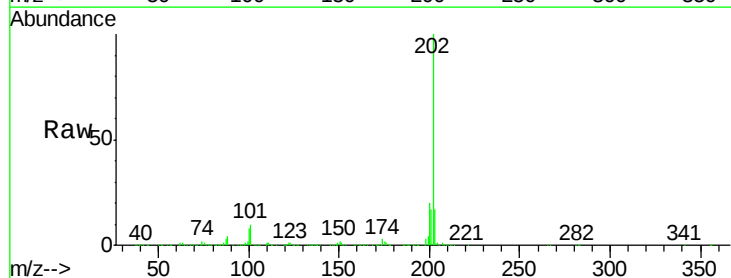


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 29.89 ng/ul
 RT: 19.52 min Scan# 2878
 Delta R.T. 0.00 min
 Lab File: BM008145.D
 Acq: 01 Dec 2016 19:41

Tgt Ion:202 Resp: 1437009
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.6 12.8
 100 8.2 6.5 9.7



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

