

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081716\
 Data File : BM007160.D
 Acq On : 17 Aug 2016 02:15
 Operator : UM/SJ
 Sample : H4445-14MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N31MSD

Quant Time: Aug 17 03:22:18 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 03:20:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	285122	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1140523	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	677806	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1599081	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2055189	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2124081	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	30945	4.74	ng/uL	0.00
5) Phenol-d5	6.97	99	616895	26.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	369836	27.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	494267	26.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	469346	24.69	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	241839	29.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	275306	31.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	509461	27.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	631107	28.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1672886	29.87	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1970874	29.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	271926	27.09	ng/ul	0.00
57) Fluorene-d10	15.43	176	1396699	28.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	230558	26.09	ng/ul	0.00
70) Anthracene-d10	17.28	188	2254792	30.44	ng/ul	0.00
76) Pyrene-d10	19.57	212	2721987	31.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3068610	31.58	ng/ul	0.00

Target Compounds

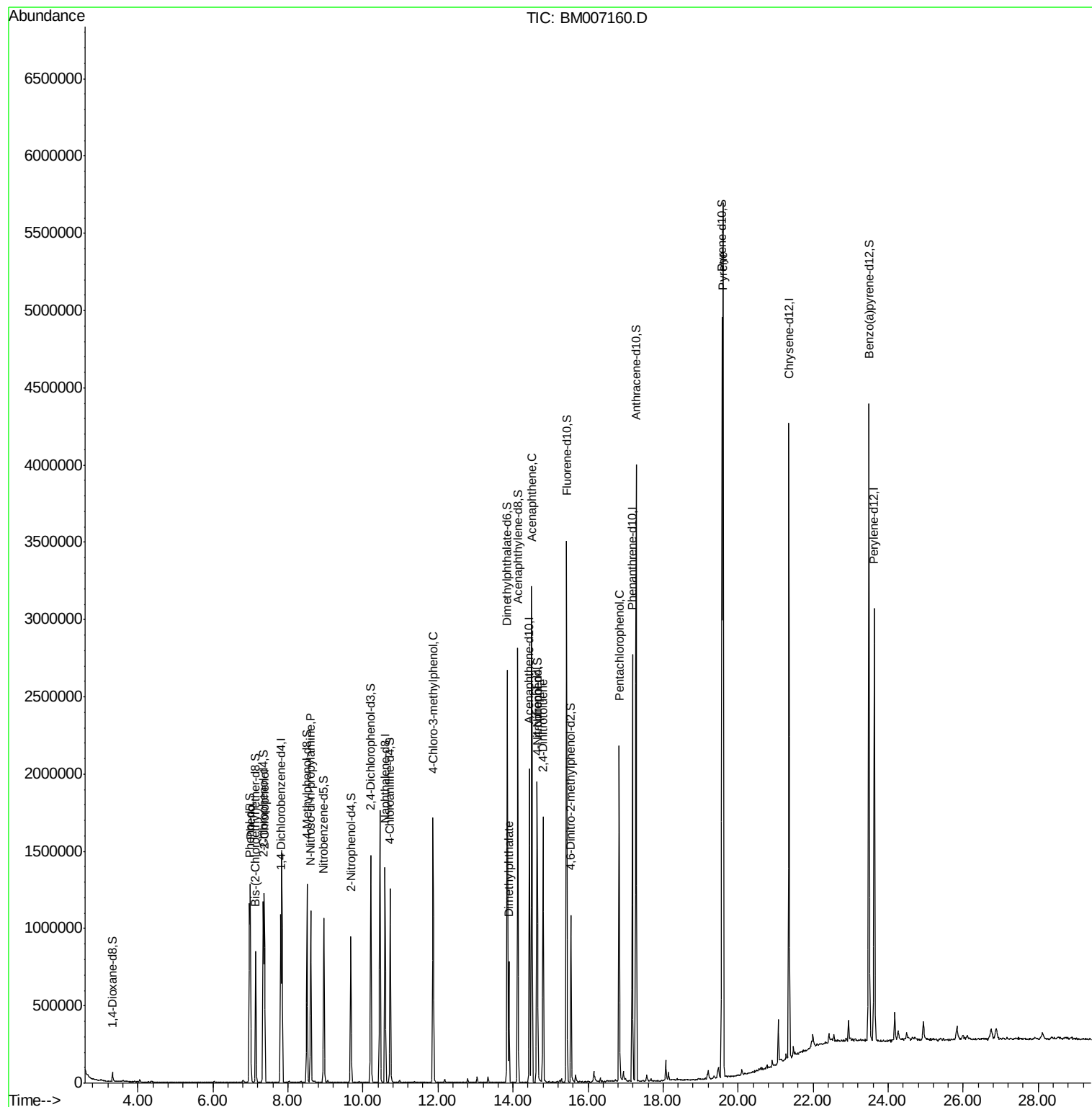
						Qvalue
6) Phenol	7.00	94	641866	26.38	ng/ul	97
10) 2-Chlorophenol	7.37	128	509348	27.07	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	434577	28.53	ng/ul	95
33) 4-Chloro-3-methylphenol	11.87	107	584553	28.97	ng/ul	95
44) Dimethylphthalate	13.89	163	466136	8.33	ng/ul	100
49) Acenaphthene	14.50	153	1319842	29.36	ng/ul	99
52) 4-Nitrophenol	14.65	109	286542	28.09	ng/ul	91
54) 2,4-Dinitrotoluene	14.80	165	480010	29.90	ng/ul	98
68) Pentachlorophenol	16.83	266	378130	30.00	ng/ul	98
77) Pyrene	19.60	202	3415930	30.06	ng/ul	99

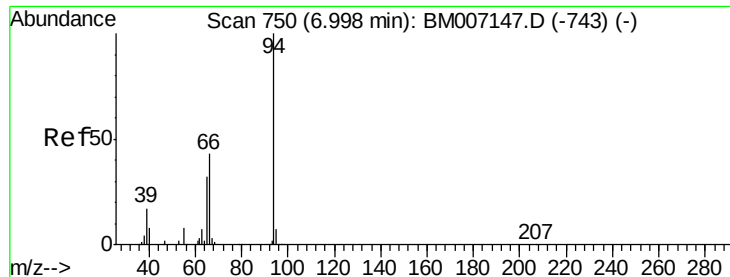
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 26.38 ng/ul

RT: 7.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: BM007160.D

Acq: 17 Aug 2016 02:15

Instrument :

BNA_M

ClientSampleId :

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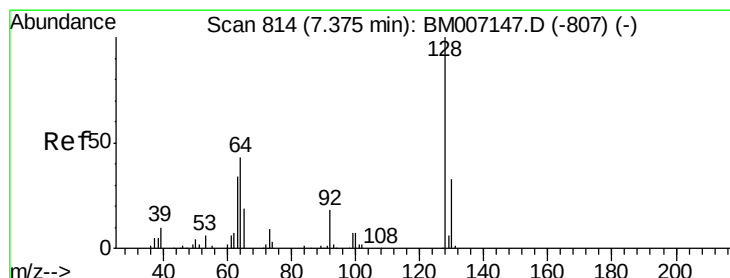
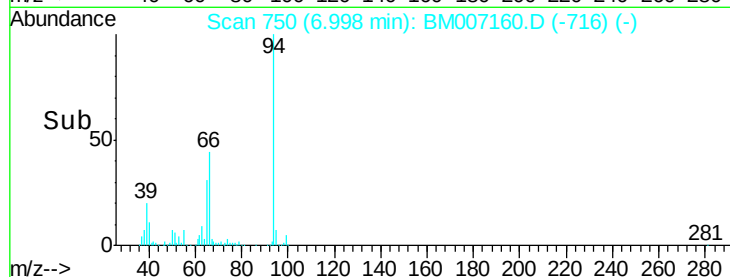
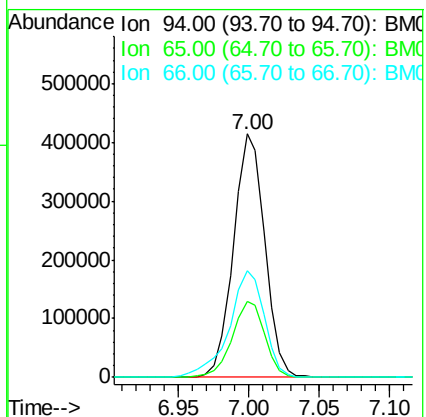
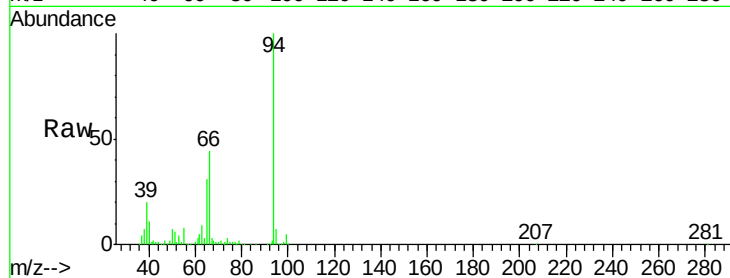
Tgt Ion: 94 Resp: 641866

Ion Ratio Lower Upper

94 100

65 31.5 23.9 35.9

66 44.0 33.5 50.3



#10

2-Chlorophenol

Concen: 27.07 ng/ul

RT: 7.37 min Scan# 814

Delta R.T. 0.00 min

Lab File: BM007160.D

Acq: 17 Aug 2016 02:15

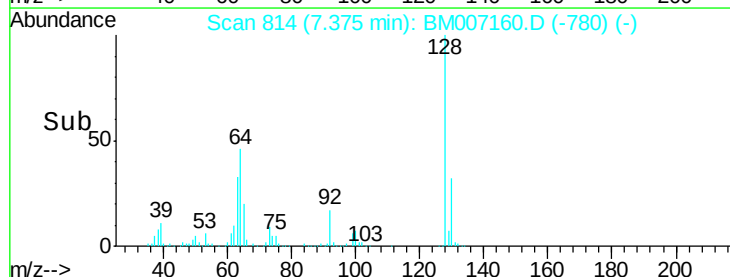
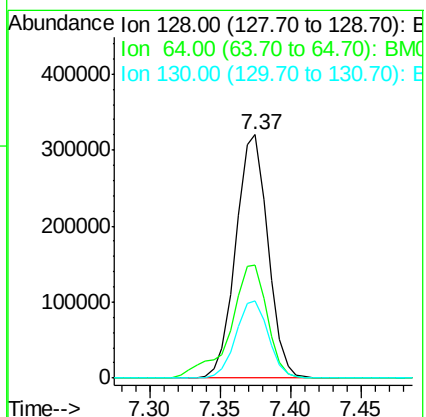
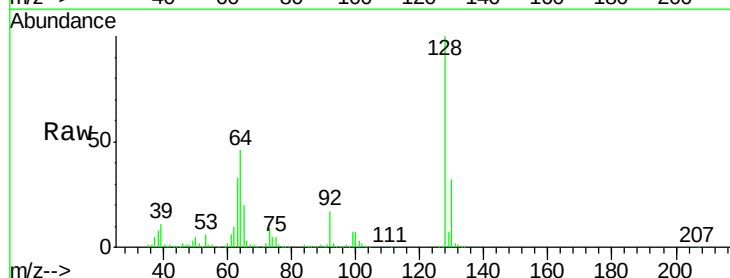
Tgt Ion: 128 Resp: 509348

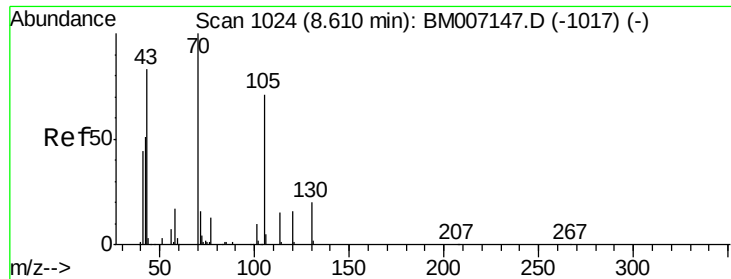
Ion Ratio Lower Upper

128 100

64 46.4 37.5 56.3

130 31.9 25.0 37.4

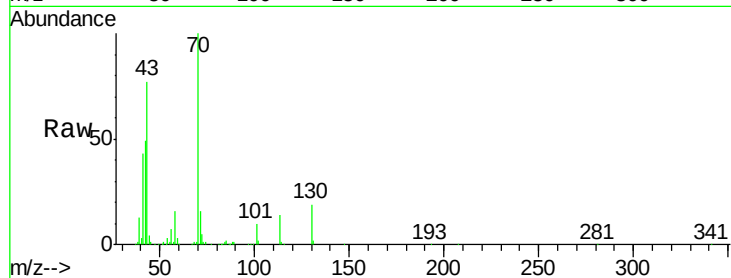




#15
N-Nitroso-di-n-propylamine
Concen: 28.53 ng/ul
RT: 8.60 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BM007160.D
Acq: 17 Aug 2016 02:15

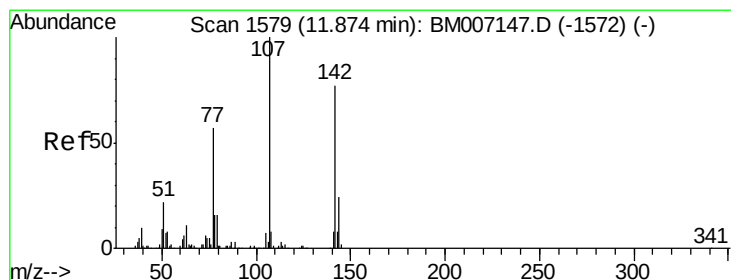
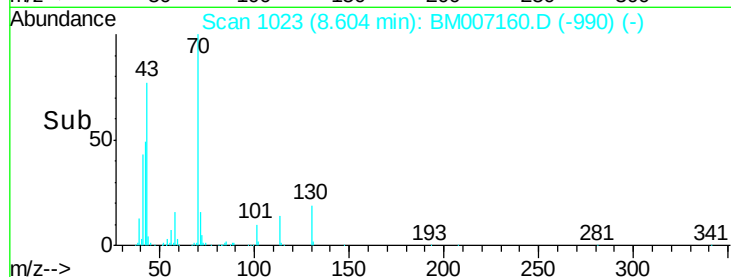
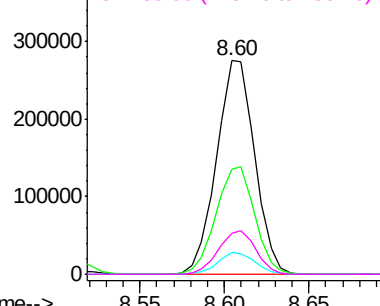
Instrument :
BNA_M
ClientSampleId :
E5N31MSD

Tgt Ion:	70	Resp:	434577
Ion	Ratio	Lower	Upper
70	100		
42	49.1	43.4	65.2
101	10.1	7.8	11.6
130	19.2	16.2	24.4



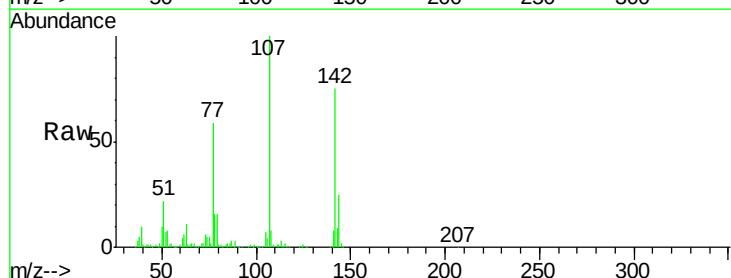
Abundance

Ion 70.00 (69.70 to 70.70): BM007147.D (-1017) (-)



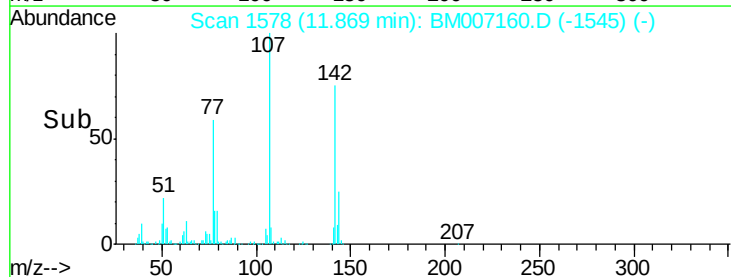
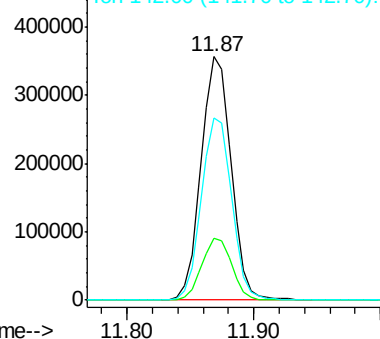
#33
4-Chloro-3-methylphenol
Concen: 28.97 ng/ul
RT: 11.87 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BM007160.D
Acq: 17 Aug 2016 02:15

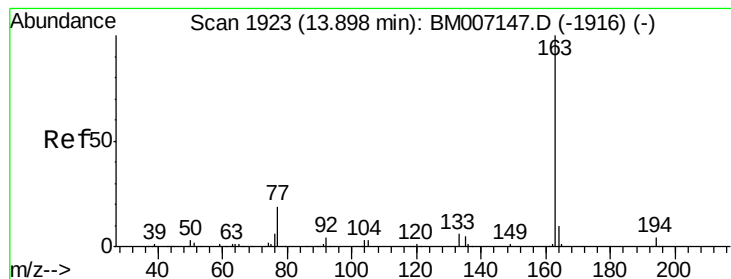
Tgt Ion:	107	Resp:	584553
Ion	Ratio	Lower	Upper
107	100		
144	25.3	21.1	31.7
142	74.9	64.1	96.1



Abundance

Ion 107.00 (106.70 to 107.70): BM007147.D (-1572) (-)





#44

Dimethylphthalate

Concen: 8.33 ng/ul

RT: 13.89 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BM007160.D

Acq: 17 Aug 2016 02:15

Instrument :

BNA_M

ClientSampleId :

E5N31MSD

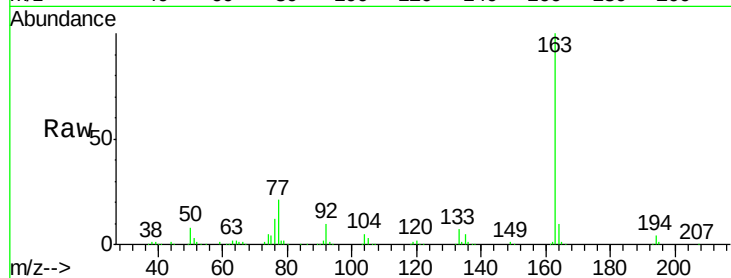
Tgt Ion:163 Resp: 466136

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

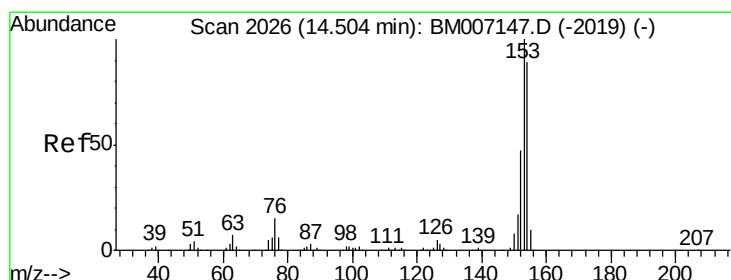
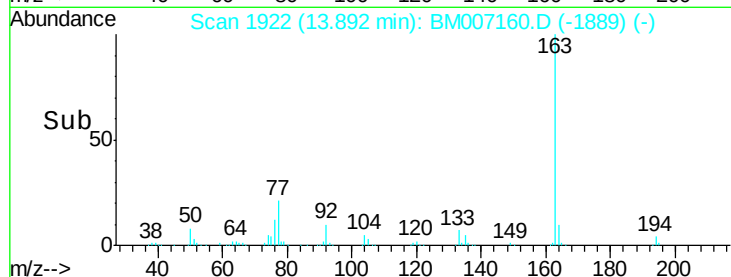
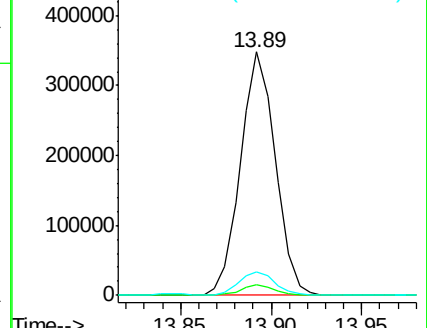
164 9.8 7.8 11.8



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: 29.36 ng/ul

RT: 14.50 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BM007160.D

Acq: 17 Aug 2016 02:15

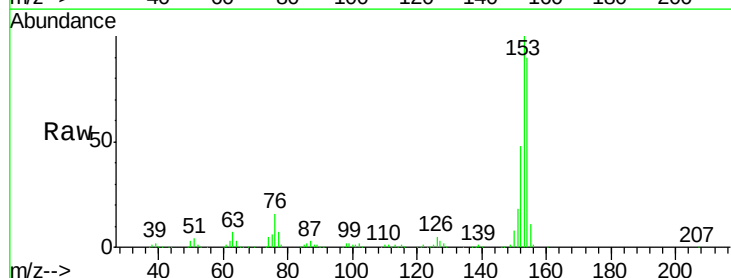
Tgt Ion:153 Resp: 1319842

Ion Ratio Lower Upper

153 100

152 48.1 37.8 56.6

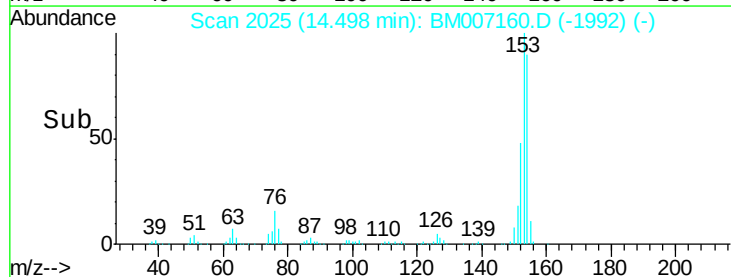
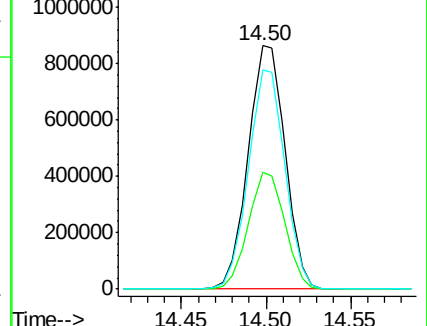
154 90.0 71.4 107.0

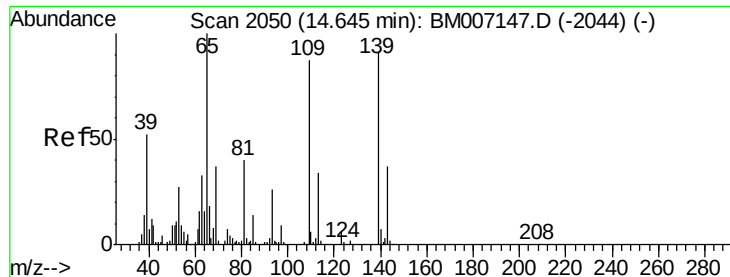


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 28.09 ng/ul

RT: 14.65 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BM007160.D

Acq: 17 Aug 2016 02:15

Instrument :

BNA_M

ClientSampleId :

E5N31MSD

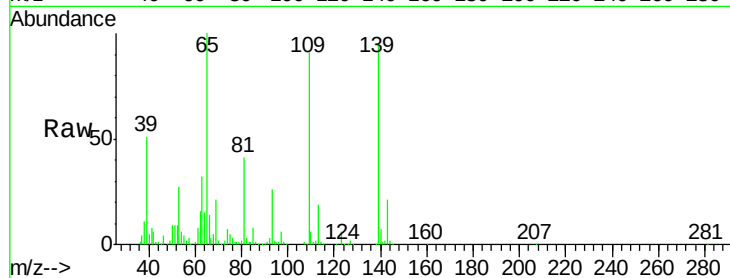
Tgt Ion:109 Resp: 286542

Ion Ratio Lower Upper

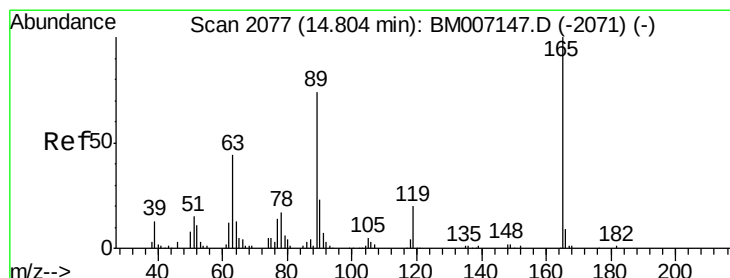
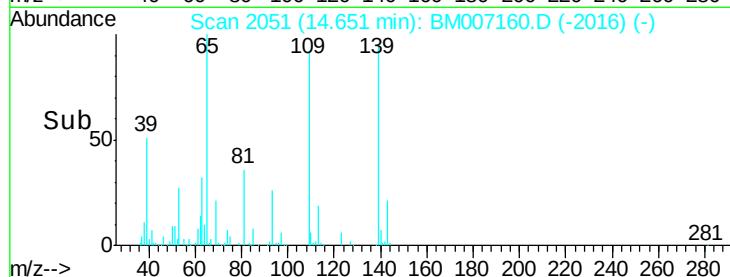
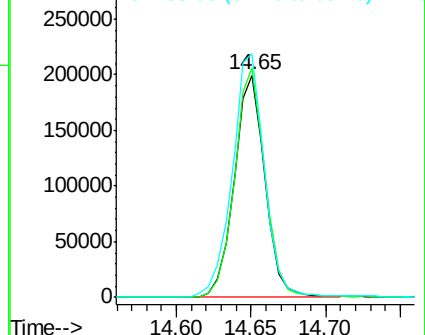
109 100

139 103.2 88.7 133.1

65 109.4 96.4 144.6



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: 29.90 ng/ul

RT: 14.80 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BM007160.D

Acq: 17 Aug 2016 02:15

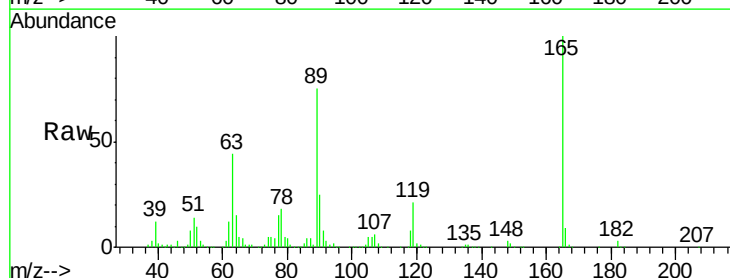
Tgt Ion:165 Resp: 480010

Ion Ratio Lower Upper

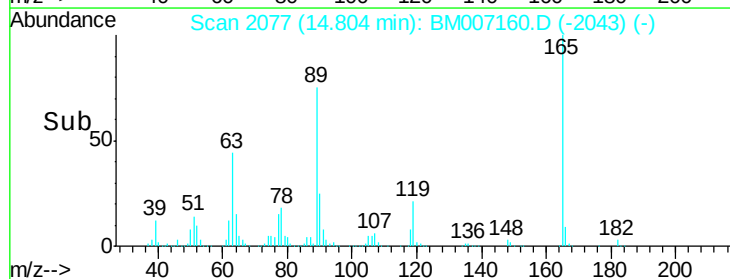
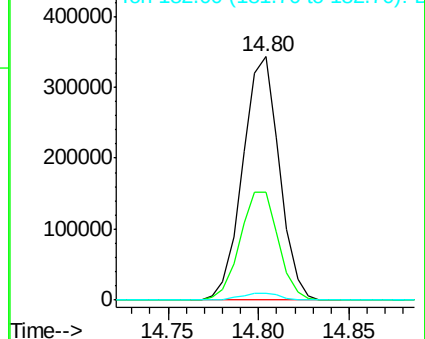
165 100

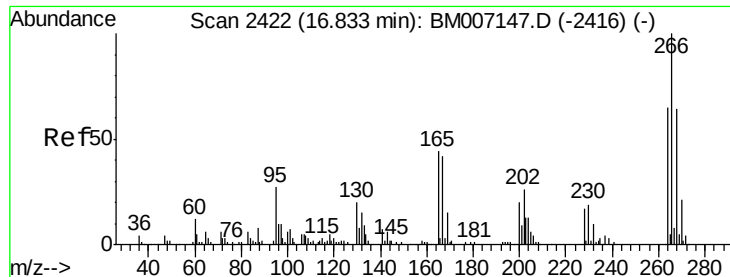
63 44.1 36.2 54.2

182 2.8 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

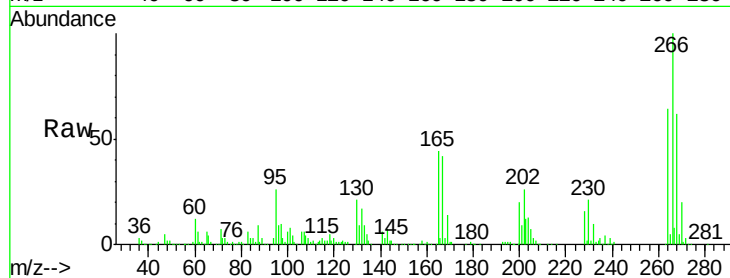




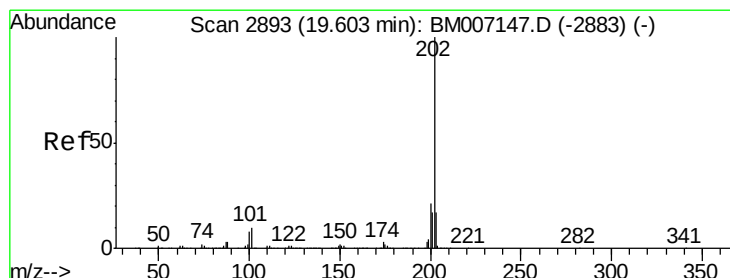
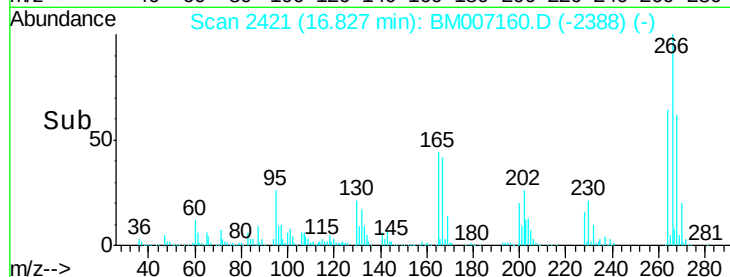
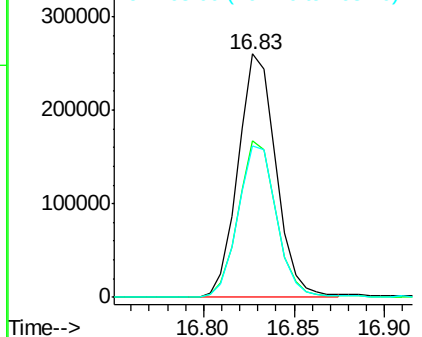
#68
 Pentachlorophenol
 Concen: 30.00 ng/ul
 RT: 16.83 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BM007160.D
 Acq: 17 Aug 2016 02:15

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Tgt Ion:266 Resp: 378130
 Ion Ratio Lower Upper
 266 100
 264 64.1 50.6 75.8
 268 62.1 51.0 76.6

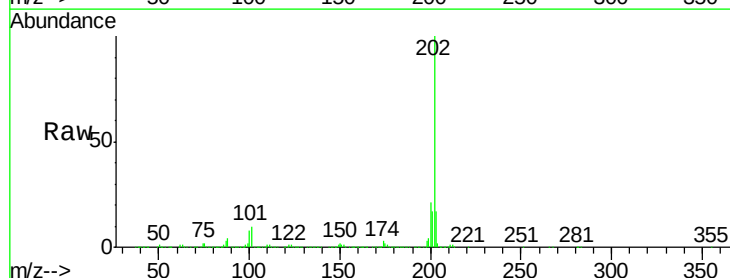


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 30.06 ng/ul
 RT: 19.60 min Scan# 2892
 Delta R.T. -0.01 min
 Lab File: BM007160.D
 Acq: 17 Aug 2016 02:15

Tgt Ion:202 Resp: 3415930
 Ion Ratio Lower Upper
 202 100
 101 10.3 8.4 12.6
 100 8.2 6.9 10.3



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

