

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
 Data File : BM010296.D
 Acq On : 28 May 2017 03:32
 Operator : SJ/MA
 Sample : I3162-15MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 29 06:54:04 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 29 06:51:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	401001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	1440703	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	839459	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.31	188	1944272	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	2692304	20.00	ng/ul	0.00
83) Perylene-d12	23.82	264	2811206	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	37760	3.86	ng/uL	0.00
5) Phenol-d5	7.12	99	668802	22.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	387044	22.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	565721	23.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	550244	22.44	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	259906	24.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	306759	25.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	587107	23.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	277088	11.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1803259	25.85	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	2136032	26.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	232869	22.32	ng/ul	0.00
57) Fluorene-d10	15.55	176	1544828	25.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	298032	21.64	ng/ul	0.00
70) Anthracene-d10	17.31	188	1944272	20.55	ng/ul	-0.09
76) Pyrene-d10	19.69	212	3002938	26.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.67	264	3322796	25.39	ng/ul	0.00

Target Compounds

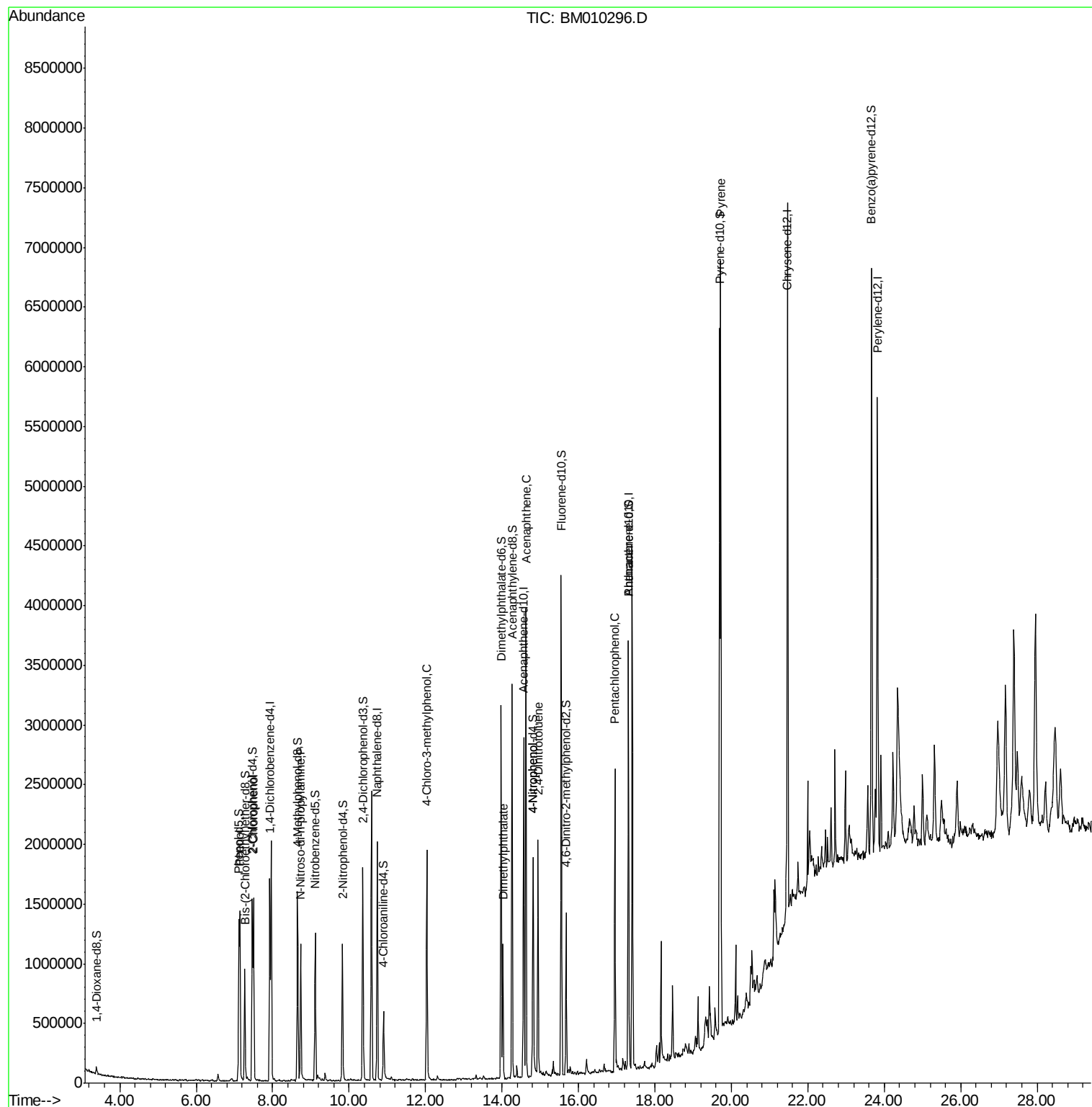
						Ovalue
6) Phenol	7.14	94	713673	22.91	ng/ul	96
10) 2-Chlorophenol	7.50	128	556448	22.89	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.73	70	477347	23.87	ng/ul#	81
33) 4-Chloro-3-methylphenol	12.03	107	609723	25.74	ng/ul	97
44) Dimethylphthalate	14.02	163	612115	8.92	ng/ul	98
49) Acenaphthene	14.63	153	1464998	26.27	ng/ul	99
52) 4-Nitrophenol	14.82	109	338081	23.64	ng/ul	95
54) 2,4-Dinitrotoluene	14.94	165	489049	26.49	ng/ul	95
68) Pentachlorophenol	16.95	266	389484	24.42	ng/ul	97
77) Pyrene	19.72	202	3770673	27.18	ng/ul	99

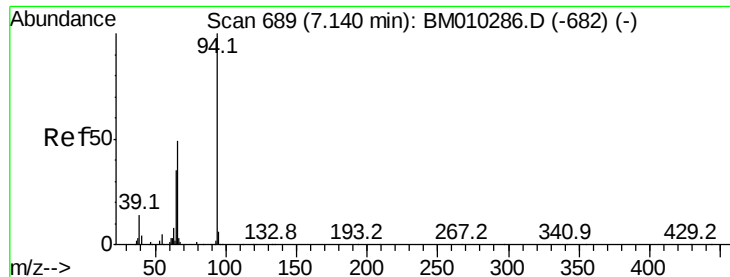
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 22.91 ng/ul

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BM010296.D

Acq: 28 May 2017 03:32

Instrument :

BNA_M

ClientSampled :

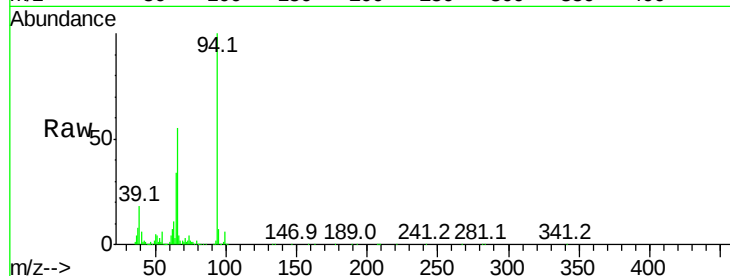
Tot Ion: 94 Resp: 713673

Ion Ratio Lower Upper

94 100

65 34.0 28.2 42.4

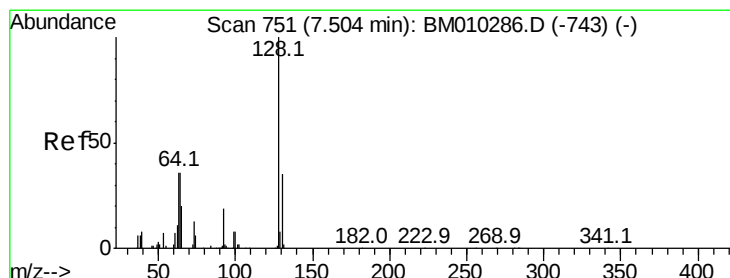
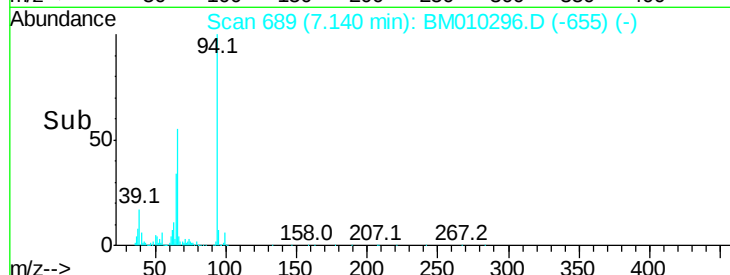
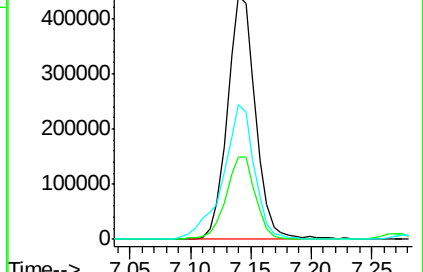
66 55.3 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010286.D (-682) (-)

Ion 65.00 (64.70 to 65.70): BM010286.D (-682) (-)

Ion 66.00 (65.70 to 66.70): BM010286.D (-682) (-)



#10

2-Chlorophenol

Concen: 22.89 ng/ul

RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BM010296.D

Acq: 28 May 2017 03:32

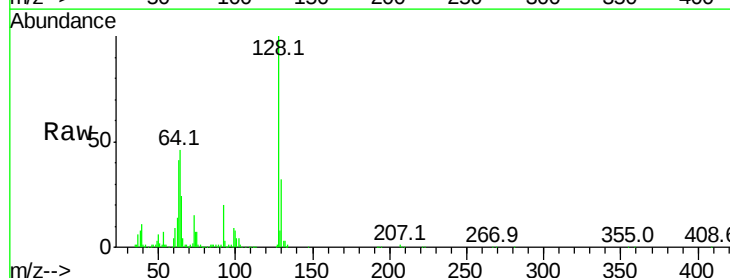
Tgt Ion: 128 Resp: 556448

Ion Ratio Lower Upper

128 100

64 45.8 38.0 57.0

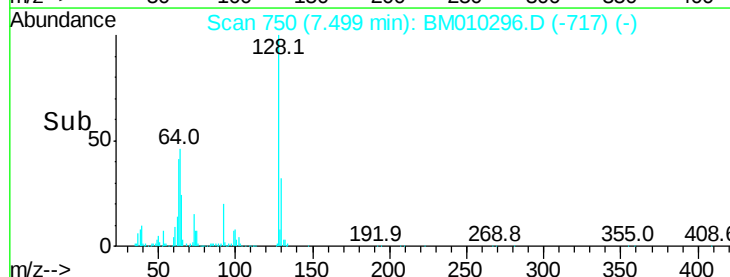
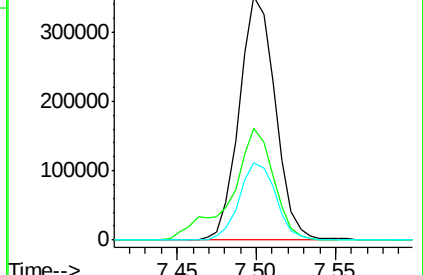
130 31.7 24.4 36.6

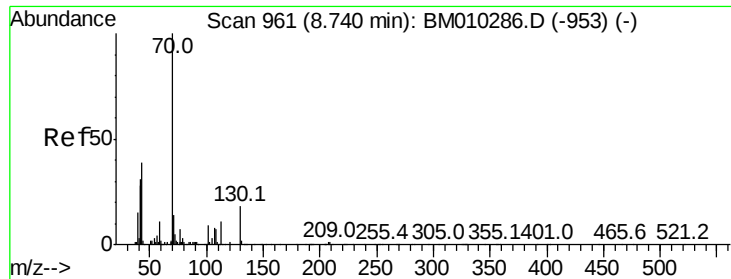


Abundance Ion 128.00 (127.70 to 128.70): BM010286.D (-743) (-)

Ion 64.00 (63.70 to 64.70): BM010286.D (-743) (-)

Ion 130.00 (129.70 to 130.70): BM010286.D (-743) (-)

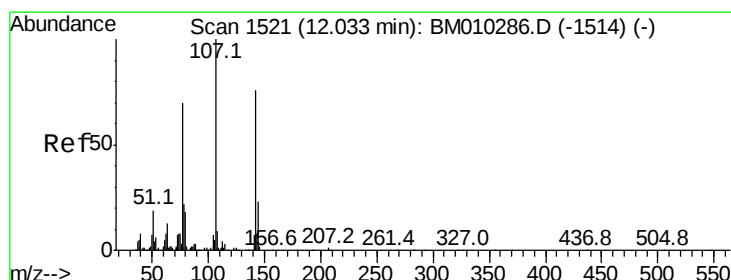
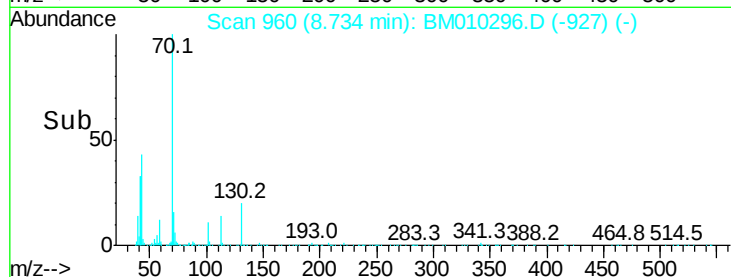
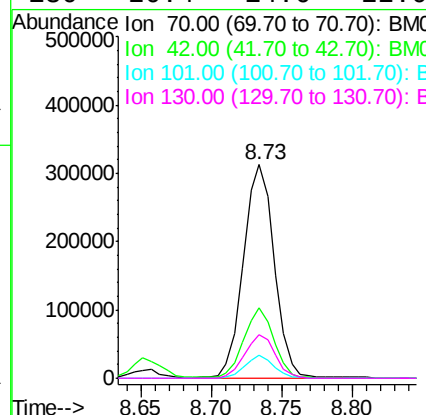
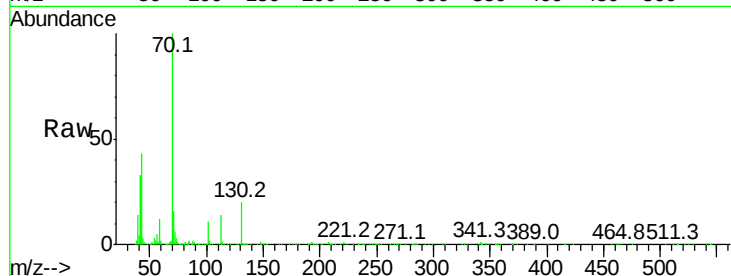




#15
N-Nitroso-di-n-propylamine
Concen: 23.87 ng/ul
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM010296.D
Acq: 28 May 2017 03:32

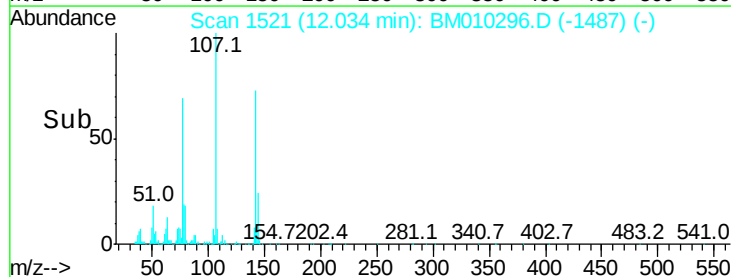
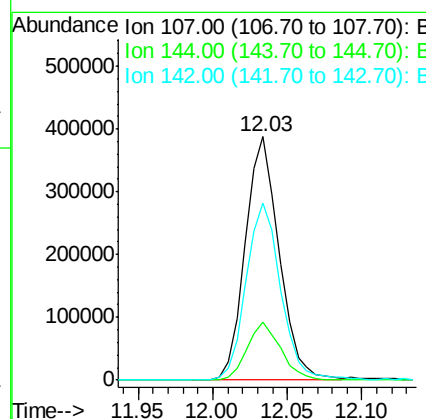
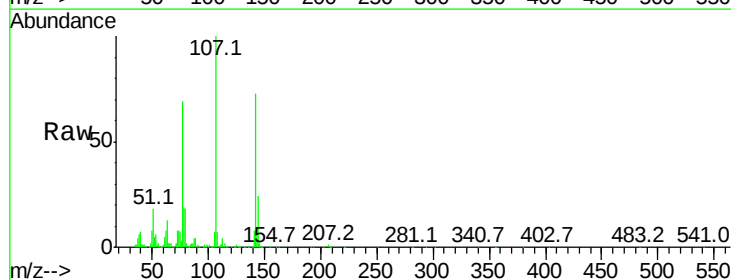
Instrument :
BNA_M
ClientSampleId :

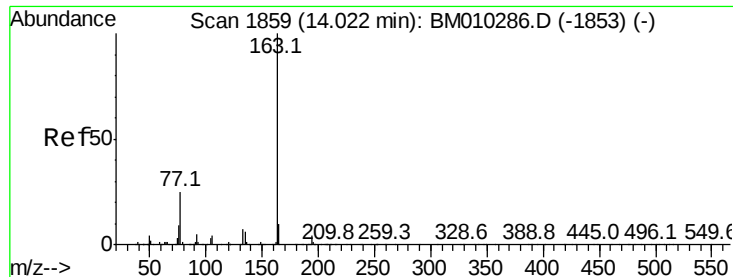
Tot Ion:	70	Resp:	477347
Ion	Ratio	Lower	Upper
70	100		
42	33.1	41.1	61.7#
101	10.9	6.7	10.1#
130	20.4	14.6	22.0



#33
4-Chloro-3-methylphenol
Concen: 25.74 ng/ul
RT: 12.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BM010296.D
Acq: 28 May 2017 03:32

Tgt Ion:	107	Resp:	609723
Ion	Ratio	Lower	Upper
107	100		
144	23.8	20.4	30.6
142	72.8	60.5	90.7





#44

Dimethylphthalate

Concen: 8.92 ng/ul

RT: 14.02 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BM010296.D

Acq: 28 May 2017 03:32

Instrument :

BNA_M

ClientSampleId :

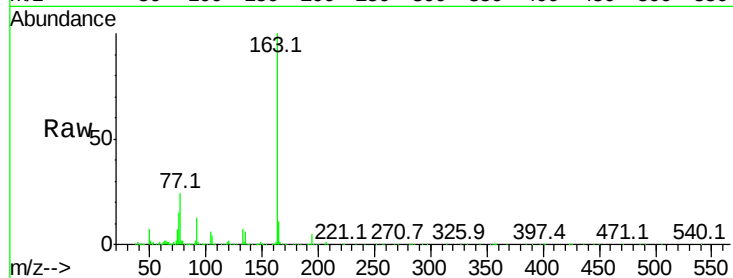
Tot Ion:163 Resp: 612115

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

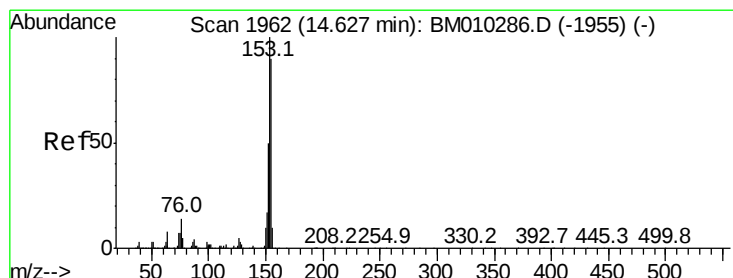
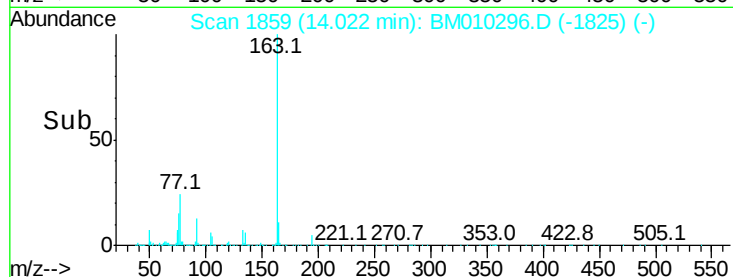
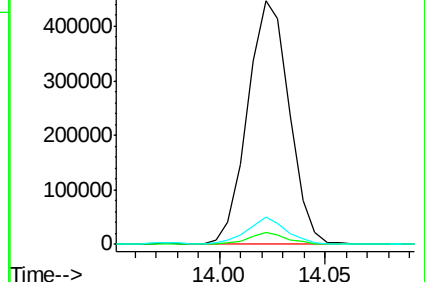
164 11.1 8.2 12.4



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: 26.27 ng/ul

RT: 14.63 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BM010296.D

Acq: 28 May 2017 03:32

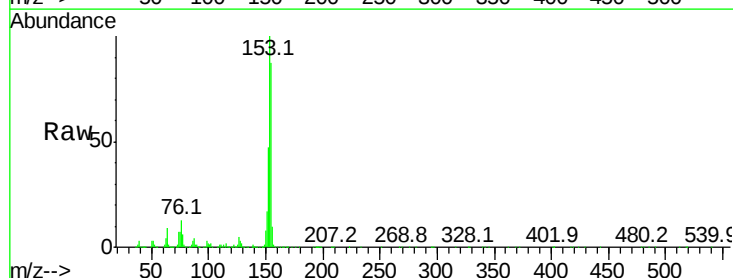
Tgt Ion:153 Resp: 1464998

Ion Ratio Lower Upper

153 100

152 47.4 37.6 56.4

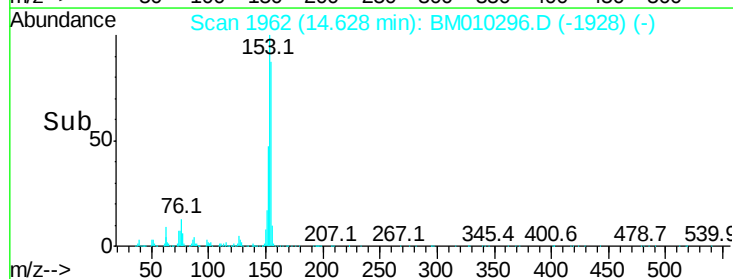
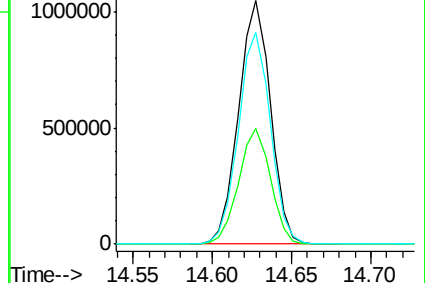
154 87.0 70.4 105.6

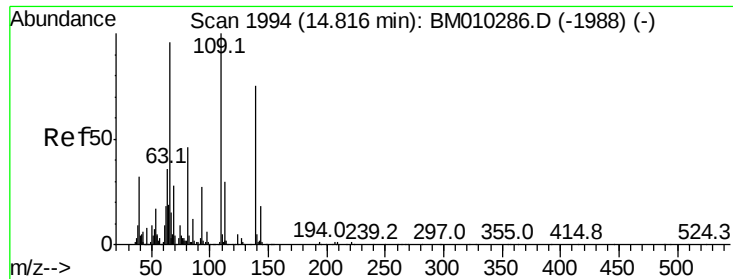


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

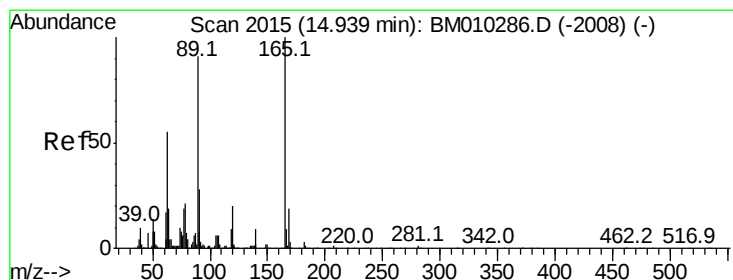
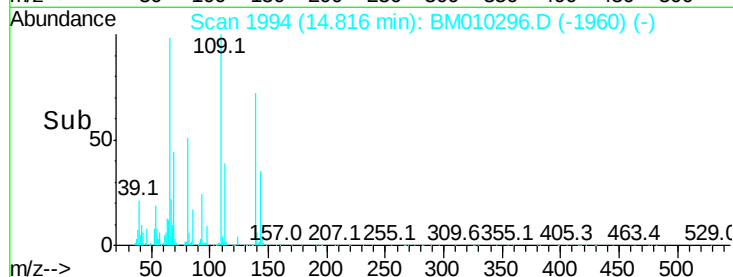
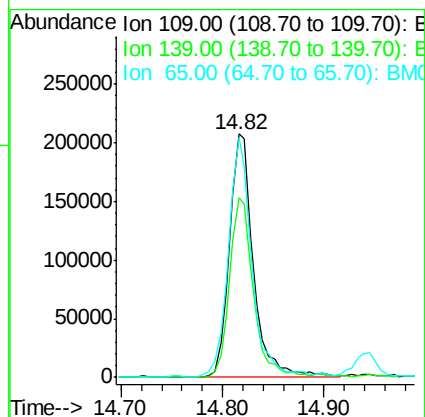
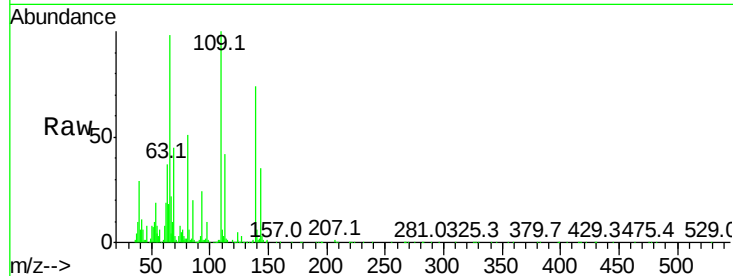




#52
4-Nitrophenol
Concen: 23.64 ng/ul
RT: 14.82 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BM010296.D
Acq: 28 May 2017 03:32

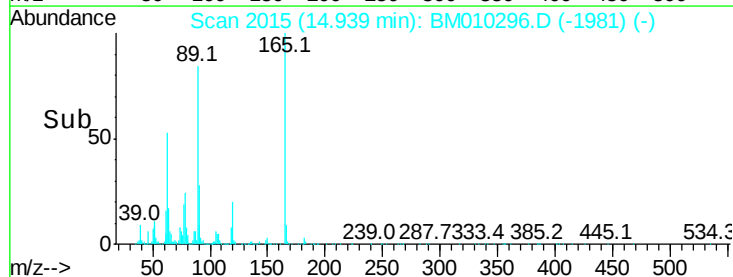
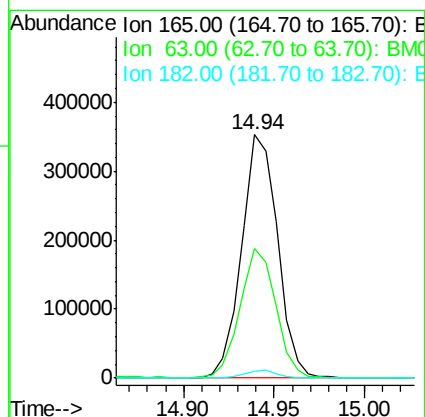
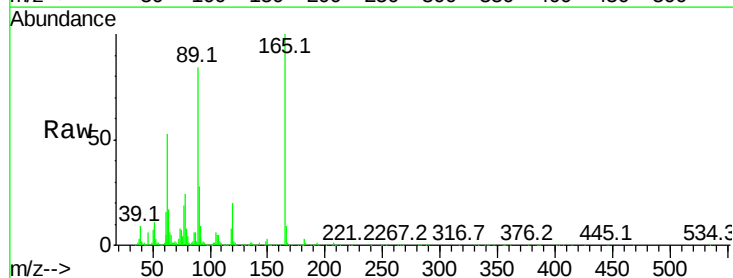
Instrument :
BNA_M
ClientSampled :

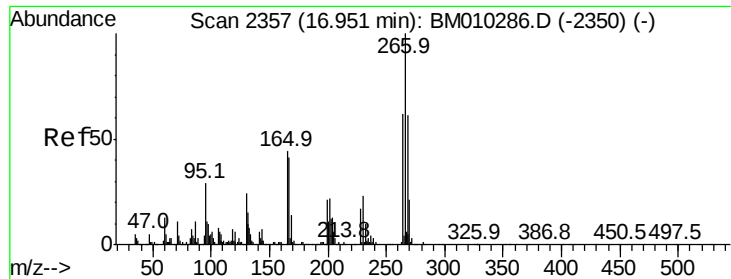
Tot Ion	Ratio	Lower	Upper
109	100		
139	73.8	66.6	100.0
65	98.4	78.3	117.5



#54
2,4-Dinitrotoluene
Concen: 26.49 ng/ul
RT: 14.94 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BM010296.D
Acq: 28 May 2017 03:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.3	45.8	68.8
182	2.8	2.6	4.0

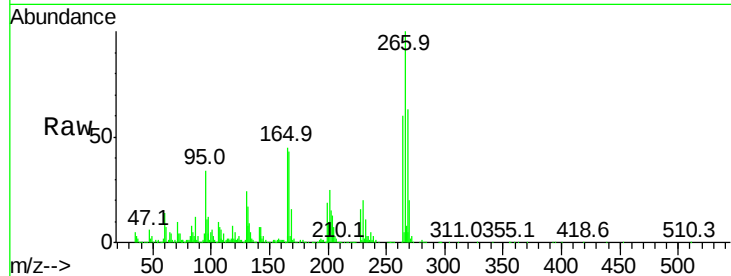




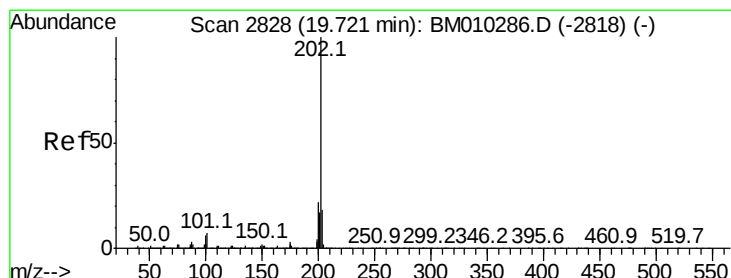
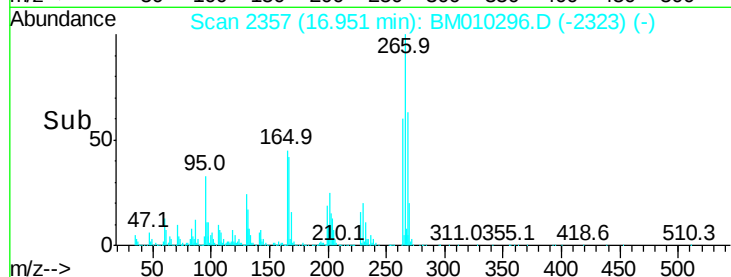
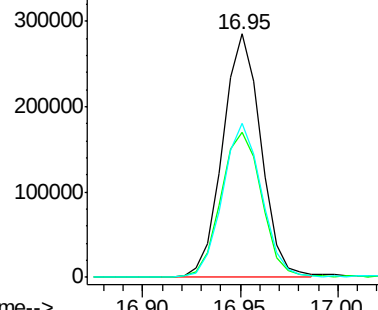
#68
 Pentachlorophenol
 Concen: 24.42 ng/ul
 RT: 16.95 min Scan# 2357
 Delta R.T. 0.00 min
 Lab File: BM010296.D
 Acq: 28 May 2017 03:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	59.7	49.3	73.9
268	63.1	52.6	78.8

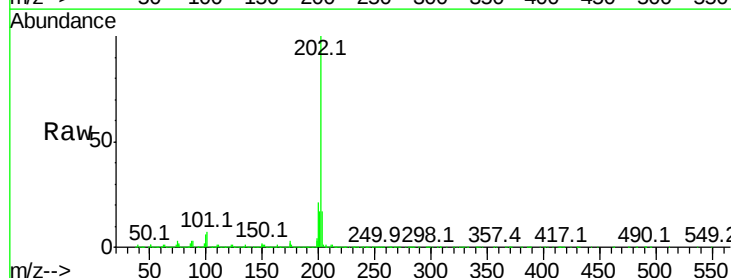


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 27.18 ng/ul
 RT: 19.72 min Scan# 2828
 Delta R.T. 0.00 min
 Lab File: BM010296.D
 Acq: 28 May 2017 03:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.1	7.7
100	5.8	4.9	7.3



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

