

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052717\
 Data File : BM010297.D
 Acq On : 28 May 2017 04:08
 Operator : SJ/MA
 Sample : I3162-16MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 29 06:54:20 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	440982	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	1600281	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	942113	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.31	188	2132038	20.00	ng/ul	0.00
75) Chrysene-d12	21.47	240	2916314	20.00	ng/ul	0.00
83) Perylene-d12	23.82	264	3044980	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.39	96	45775	4.26	ng/uL	0.00
5) Phenol-d5	7.12	99	834705	24.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.27	67	479337	25.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.47	132	722724	27.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	690452	25.61	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	326056	27.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	382035	28.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	725303	26.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	274459	10.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.98	166	2234089	28.54	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	2652683	29.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	301706	25.76	ng/ul	0.00
57) Fluorene-d10	15.56	176	1907820	27.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	368059	24.37	ng/ul	0.00
70) Anthracene-d10	17.41	188	2880262	27.76	ng/ul	0.00
76) Pyrene-d10	19.69	212	3686865	30.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.67	264	4039289	28.49	ng/ul	0.00

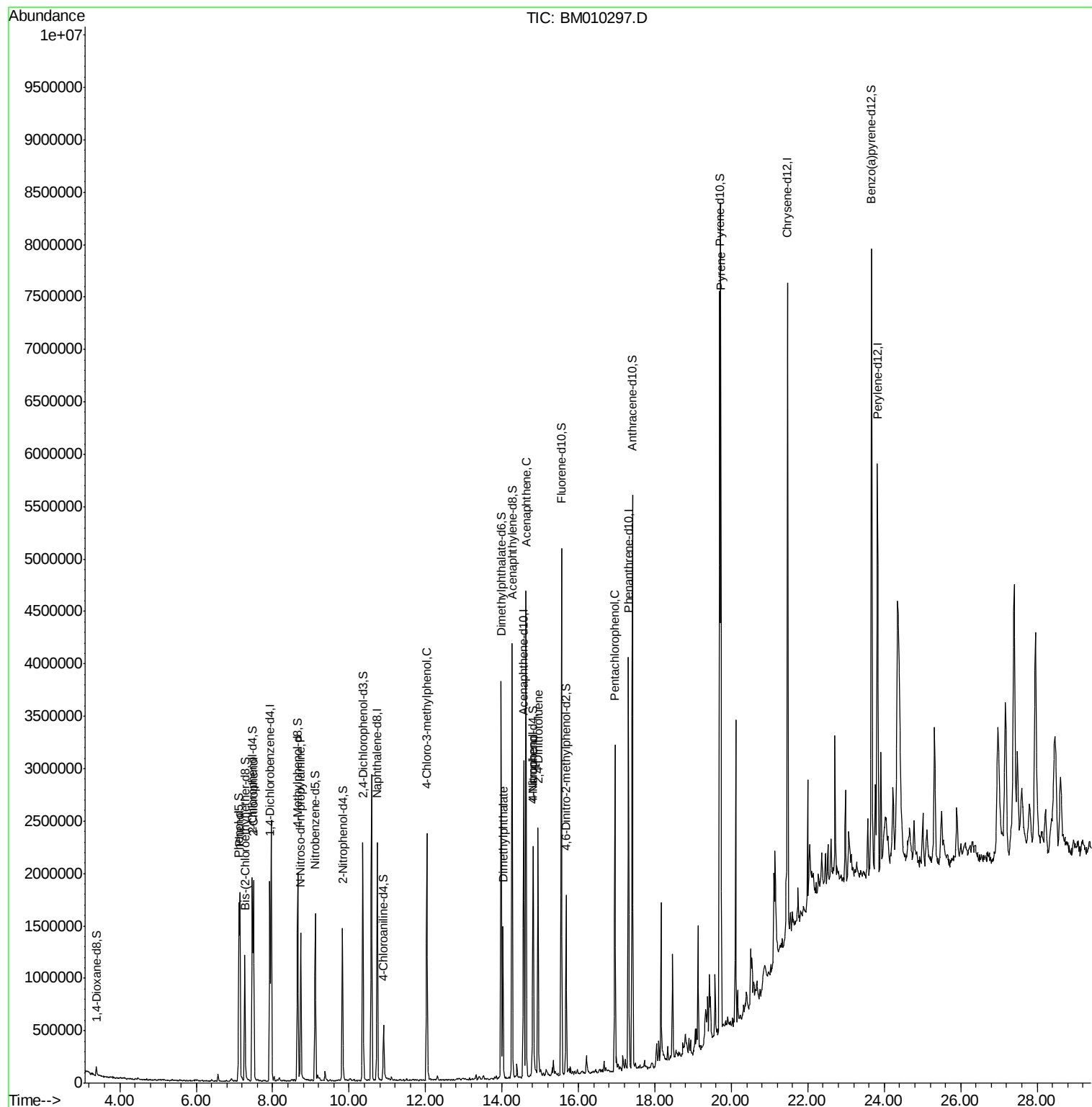
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.14	94	881300	25.72	ng/ul	97
10) 2-Chlorophenol	7.50	128	688996	25.78	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.73	70	579902	26.37	ng/ul#	84
33) 4-Chloro-3-methylphenol	12.03	107	733124	27.87	ng/ul	97
44) Dimethylphthalate	14.02	163	801495	10.41	ng/ul	99
49) Acenaphthene	14.63	153	1747629	27.92	ng/ul	99
52) 4-Nitrophenol	14.82	109	409424	25.51	ng/ul	95
54) 2,4-Dinitrotoluene	14.94	165	604025	29.15	ng/ul	91
68) Pentachlorophenol	16.95	266	478938	27.39	ng/ul	98
77) Pyrene	19.72	202	4535426	30.18	ng/ul	98

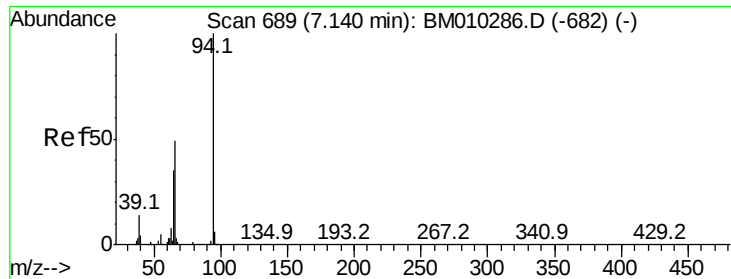
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 25.72 ng/ul

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BM010297.D

Acq: 28 May 2017 04:08

Instrument :

BNA_M

ClientSampleId :

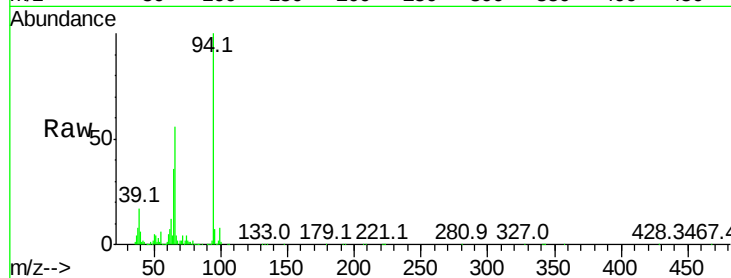
Tot Ion: 94 Resp: 881300

Ion Ratio Lower Upper

94 100

65 36.1 28.2 42.4

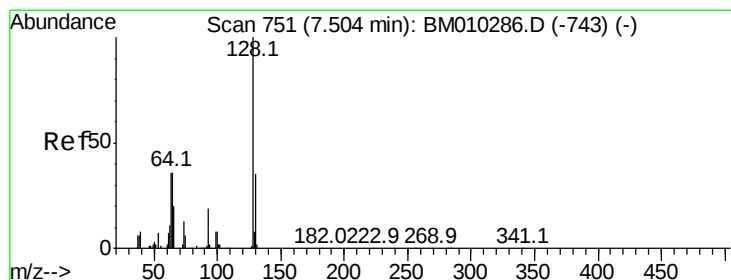
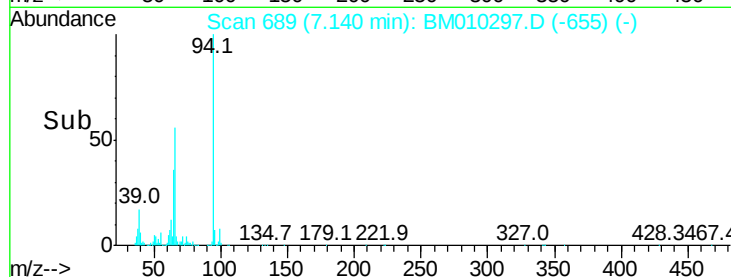
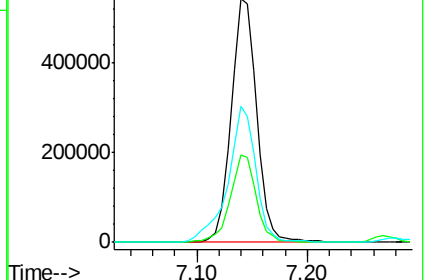
66 56.0 47.2 70.8



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: 25.78 ng/ul

RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BM010297.D

Acq: 28 May 2017 04:08

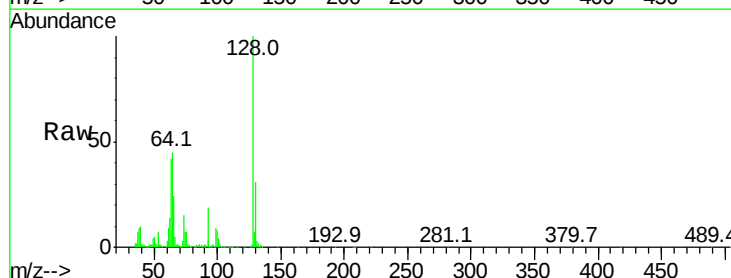
Tgt Ion: 128 Resp: 688996

Ion Ratio Lower Upper

128 100

64 45.0 38.0 57.0

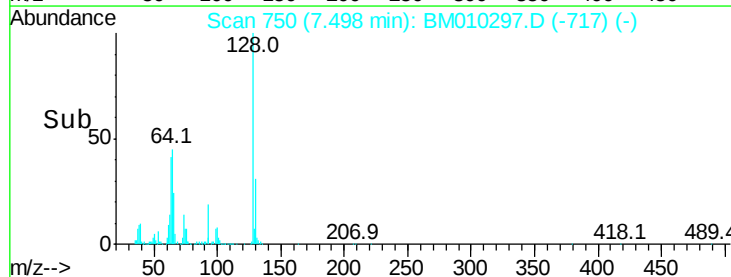
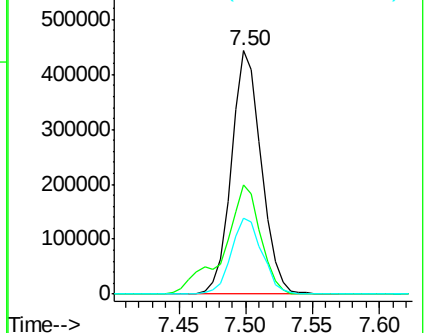
130 31.2 24.4 36.6

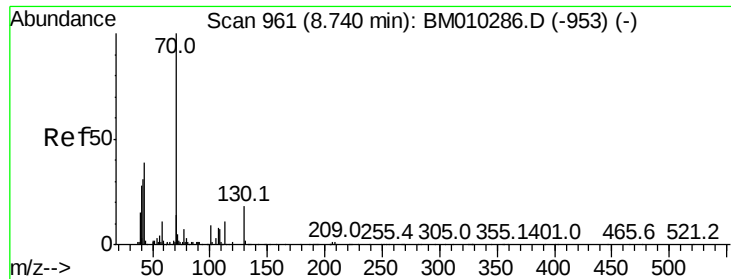


Abundance Ion 128.00 (127.70 to 128.70): BM010286.D (-743) (-)

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

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

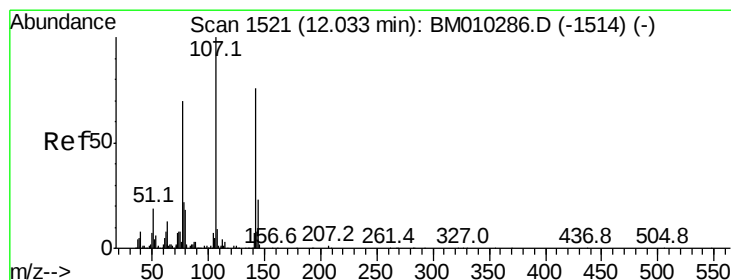
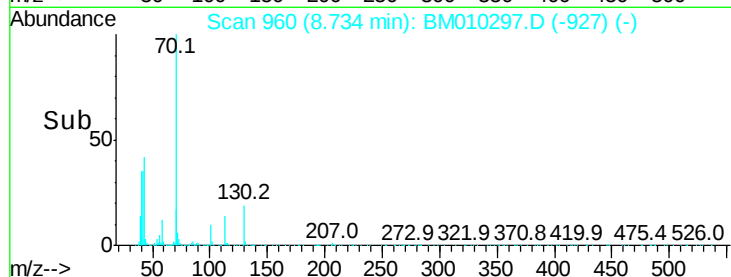
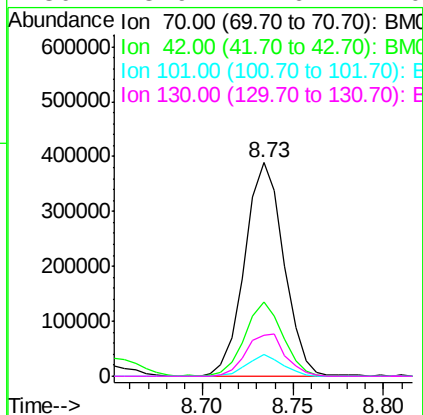
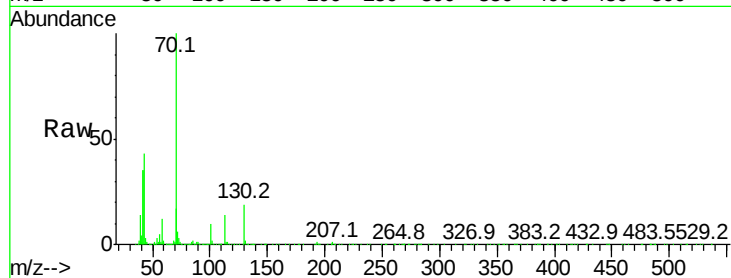




#15
N-Nitroso-di-n-propylamine
Concen: 26.37 ng/ul
RT: 8.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM010297.D
Acq: 28 May 2017 04:08

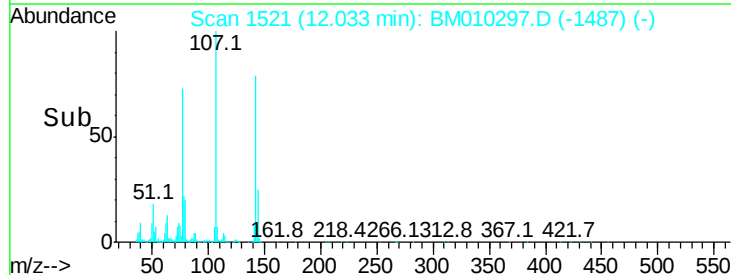
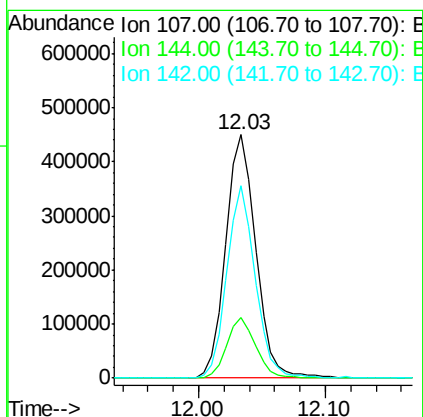
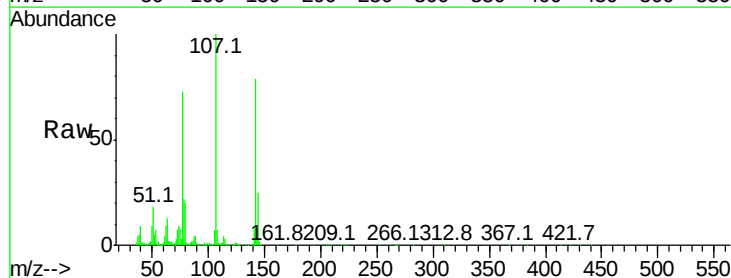
Instrument :
BNA_M
ClientSampleId :

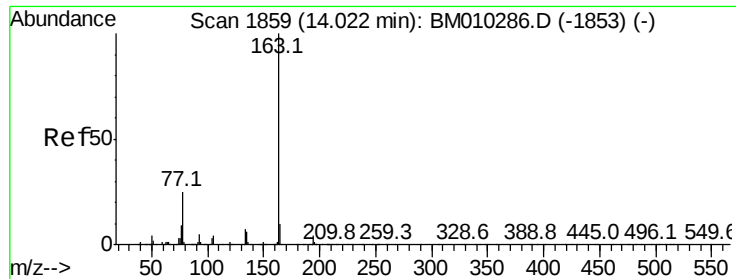
Tot Ion:	70	Resp:	579902
Ion	Ratio	Lower	Upper
70	100		
42	35.0	41.1	61.7#
101	10.4	6.7	10.1#
130	18.9	14.6	22.0



#33
4-Chloro-3-methylphenol
Concen: 27.87 ng/ul
RT: 12.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BM010297.D
Acq: 28 May 2017 04:08

Tgt Ion:	107	Resp:	733124
Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.4	30.6
142	78.8	60.5	90.7

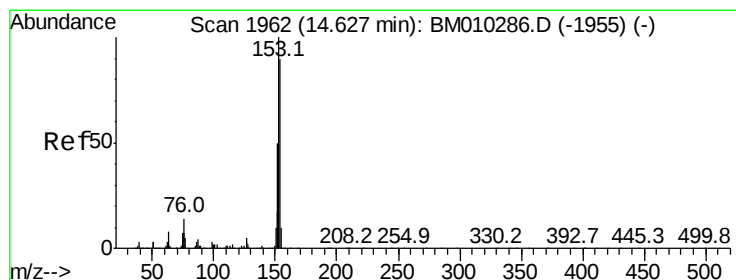
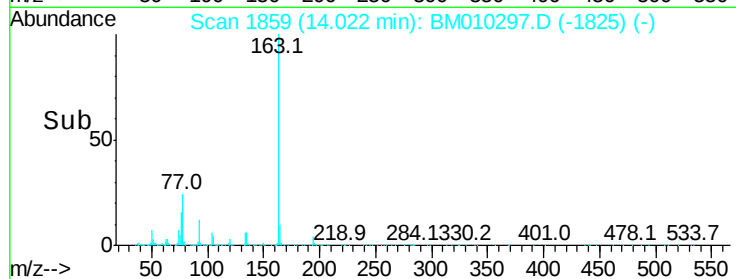
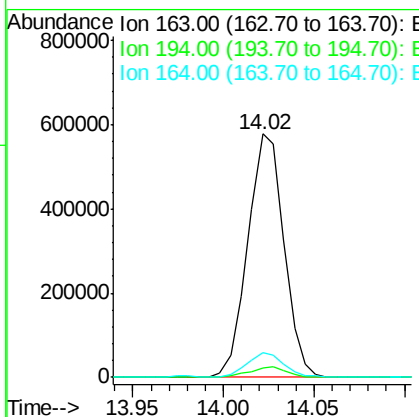
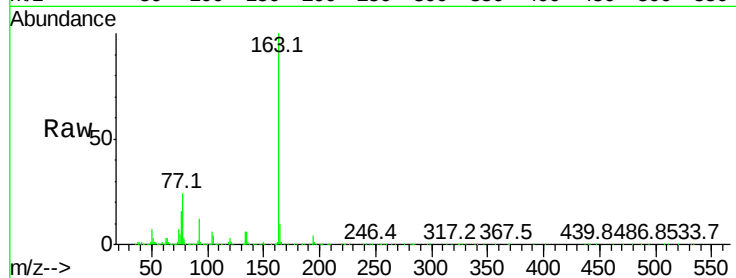




#44
Dimethylphthalate
Concen: 10.41 ng/ul
RT: 14.02 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BM010297.D
Acq: 28 May 2017 04:08

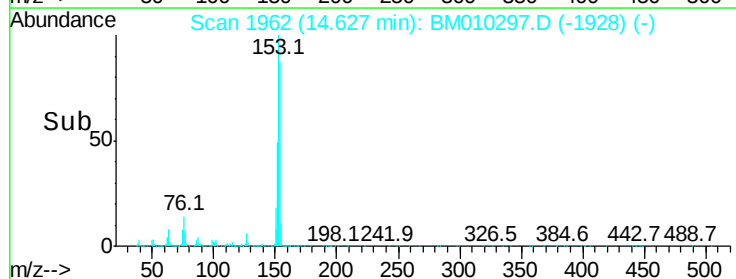
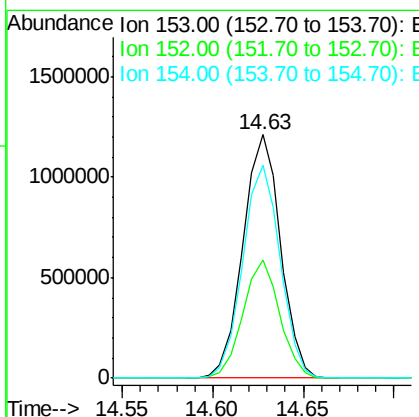
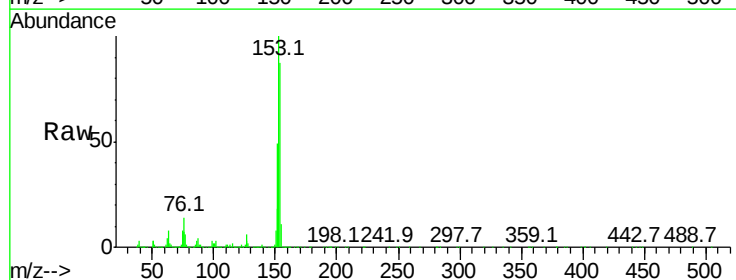
Instrument :
BNA_M
ClientSampleId :

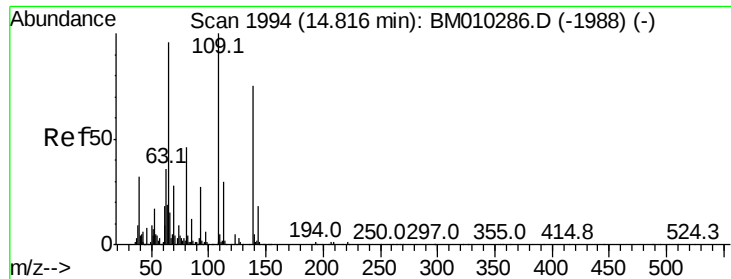
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.9	8.2	12.4



#49
Acenaphthene
Concen: 27.92 ng/ul
RT: 14.63 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BM010297.D
Acq: 28 May 2017 04:08

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.6	56.4
154	87.3	70.4	105.6





#52

4-Nitrophenol

Concen: 25.51 ng/ul

RT: 14.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BM010297.D

Acq: 28 May 2017 04:08

Instrument :

BNA_M

ClientSampleId :

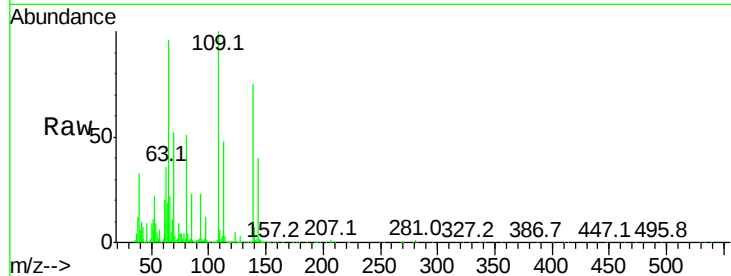
Tot Ion:109 Resp: 409424

Ion Ratio Lower Upper

109 100

139 74.8 66.6 100.0

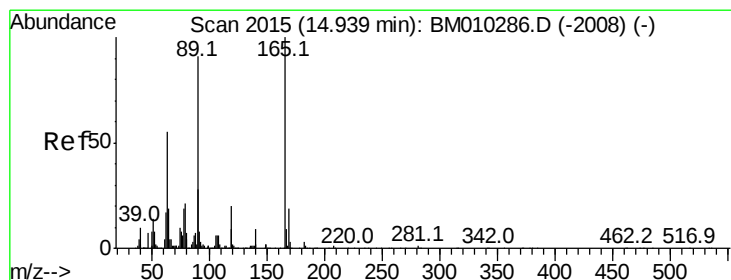
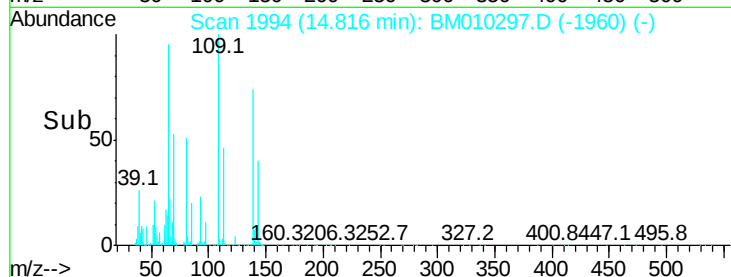
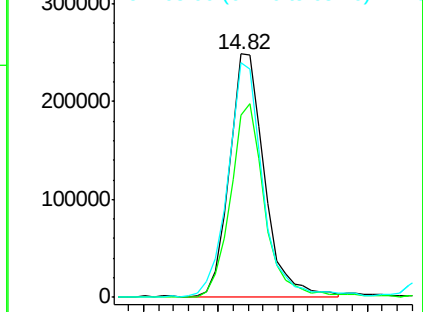
65 96.3 78.3 117.5



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): E



#54

2,4-Dinitrotoluene

Concen: 29.15 ng/ul

RT: 14.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BM010297.D

Acq: 28 May 2017 04:08

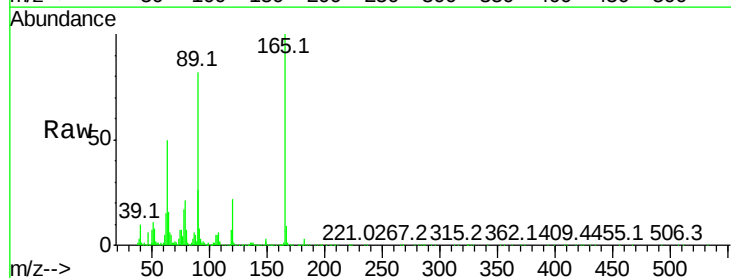
Tgt Ion:165 Resp: 604025

Ion Ratio Lower Upper

165 100

63 50.0 45.8 68.8

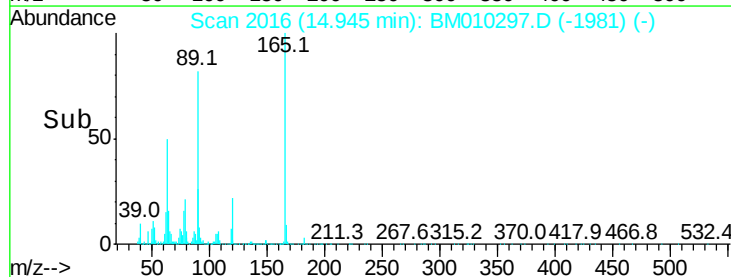
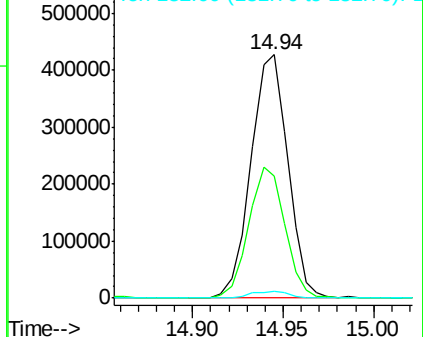
182 2.8 2.6 4.0

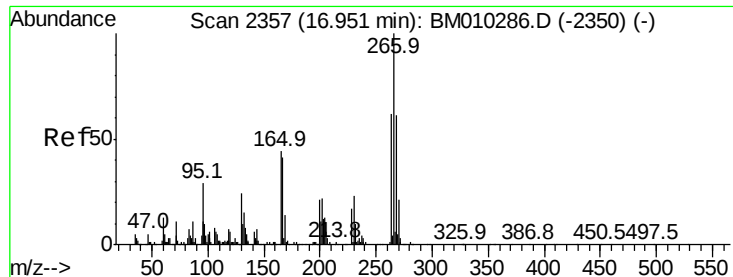


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 182.00 (181.70 to 182.70): E

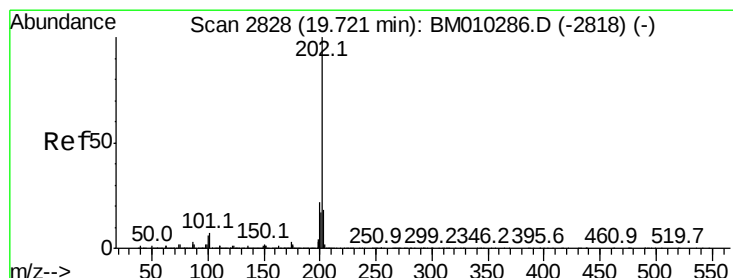
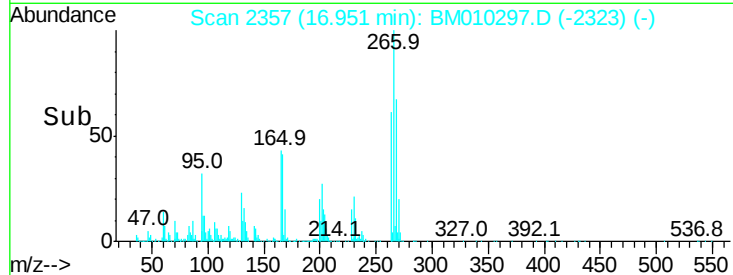
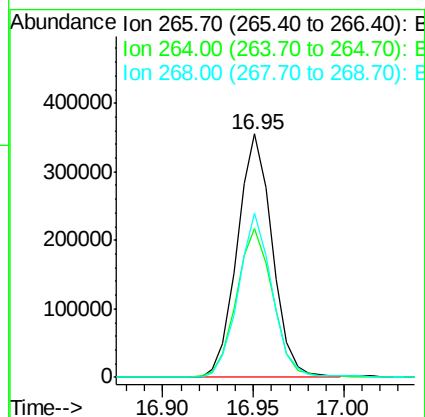
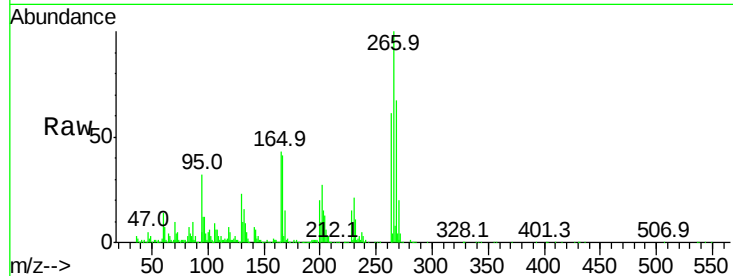




#68
 Pentachlorophenol
 Concen: 27.39 ng/ul
 RT: 16.95 min Scan# 2357
 Delta R.T. -0.00 min
 Lab File: BM010297.D
 Acq: 28 May 2017 04:08

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
264	60.9	49.3	73.9
268	67.5	52.6	78.8



#77
 Pyrene
 Concen: 30.18 ng/ul
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.00 min
 Lab File: BM010297.D
 Acq: 28 May 2017 04:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	5.1	7.7
100	6.4	4.9	7.3

