

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050616\
 Data File : BM005294.D
 Acq On : 07 May 2016 05:47
 Operator : UM/SJ
 Sample : H2743-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4036MS

Quant Time: May 07 07:06:42 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 07 07:05:19 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	72340	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	355836	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	237099	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	568814	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	663729	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	619961	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	1832	1.19	ng/uL	0.00
5) Phenol-d5	6.95	99	39162	5.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	121816	32.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	125332	25.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	82346	15.18	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	88089	34.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	100481	34.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	162065	30.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	10036	1.56	ng/ul	0.01
43) Dimethylphthalate-d6	13.82	166	635301	33.43	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	773554	34.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	14804	4.27	ng/ul	0.00
57) Fluorene-d10	15.41	176	565888	34.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	103854	32.46	ng/ul	0.00
70) Anthracene-d10	17.26	188	895763	35.63	ng/ul	0.00
76) Pyrene-d10	19.56	212	1028471	33.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	961482	35.04	ng/ul	0.00

Target Compounds

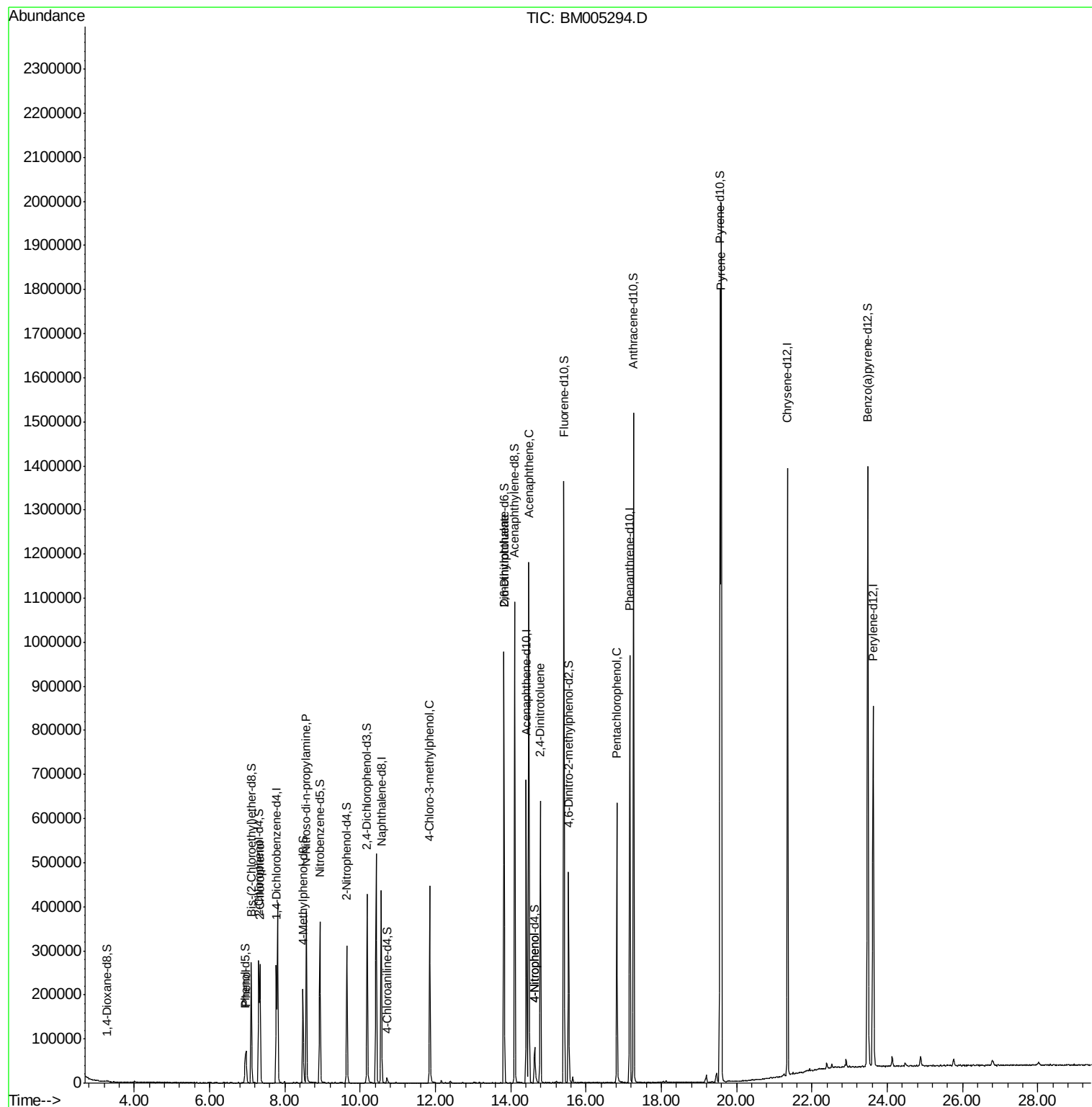
						Qvalue
6) Phenol	6.97	94	40821	6.02	ng/ul	99
10) 2-Chlorophenol	7.34	128	120712	23.81	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	144705	34.47	ng/ul	99
33) 4-Chloro-3-methylphenol	11.85	107	174218	26.54	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	4871	1.30	ng/ul#	41
49) Acenaphthene	14.48	153	503364	32.39	ng/ul	98
52) 4-Nitrophenol	14.64	109	13236	4.59	ng/ul	92
54) 2,4-Dinitrotoluene	14.79	165	186265	33.36	ng/ul	96
68) Pentachlorophenol	16.82	266	109882	32.33	ng/ul	98
77) Pyrene	19.59	202	1221703	31.73	ng/ul	98

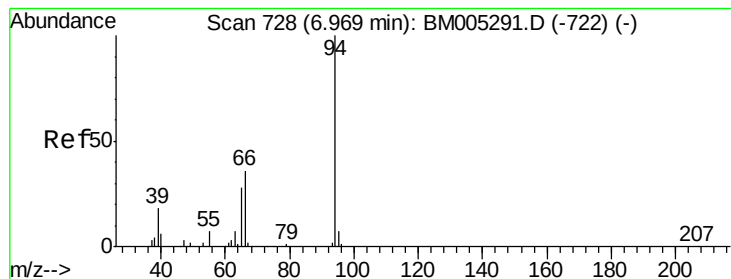
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.02 ng/ul

RT: 6.97 min Scan# 728

Delta R.T. 0.00 min

Lab File: BM005294.D

Acq: 07 May 2016 05:47

Instrument :

BNA_M

ClientSampleId :

H4036MS

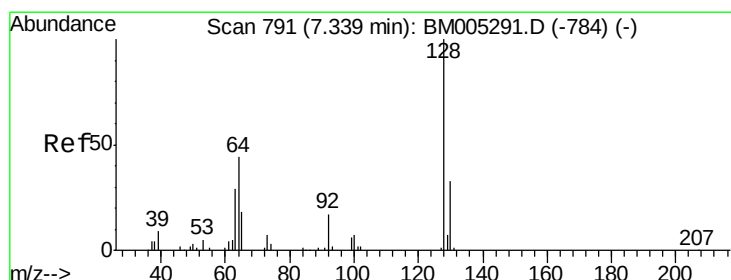
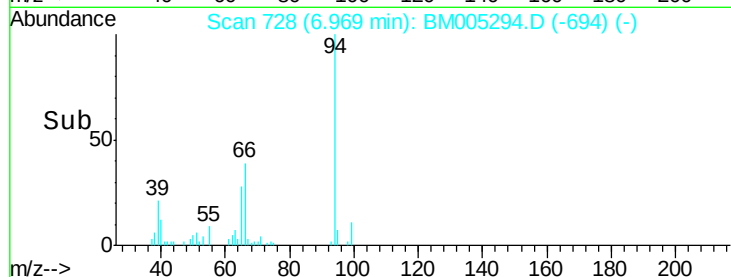
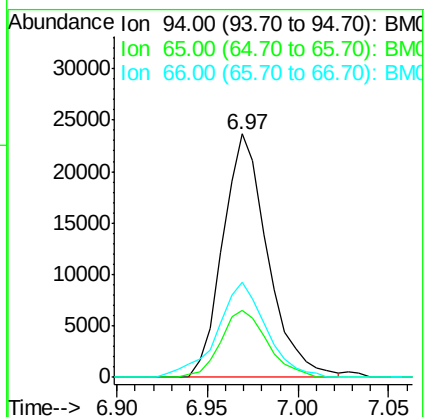
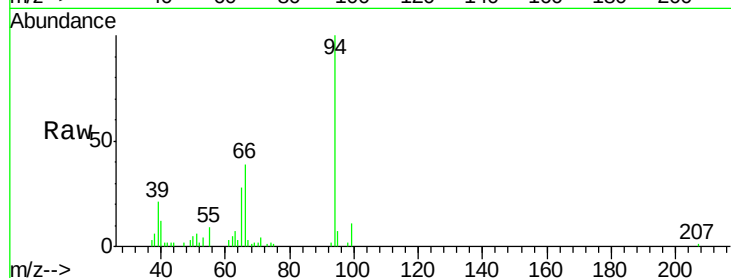
Tgt Ion: 94 Resp: 40821

Ion Ratio Lower Upper

94 100

65 27.7 22.7 34.1

66 39.3 31.7 47.5



#10

2-Chlorophenol

Concen: 23.81 ng/ul

RT: 7.34 min Scan# 791

Delta R.T. 0.00 min

Lab File: BM005294.D

Acq: 07 May 2016 05:47

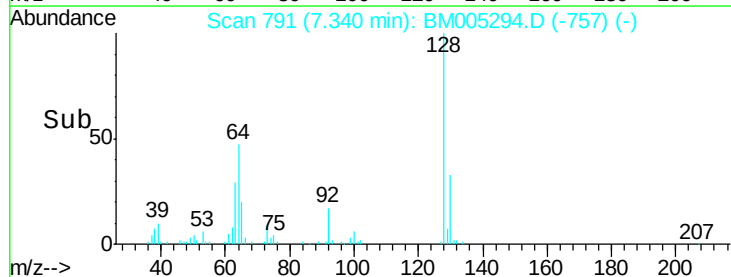
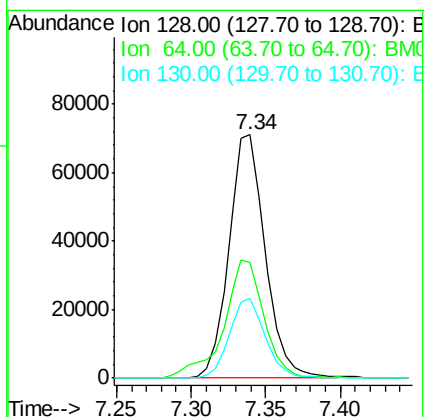
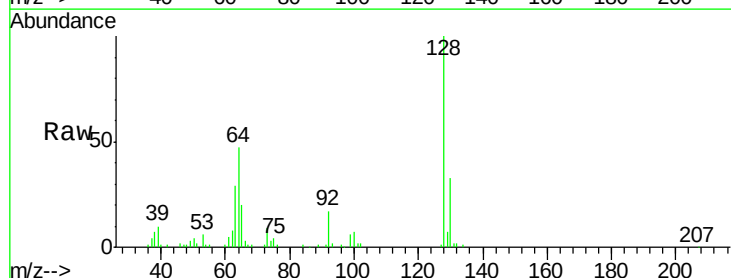
Tgt Ion: 128 Resp: 120712

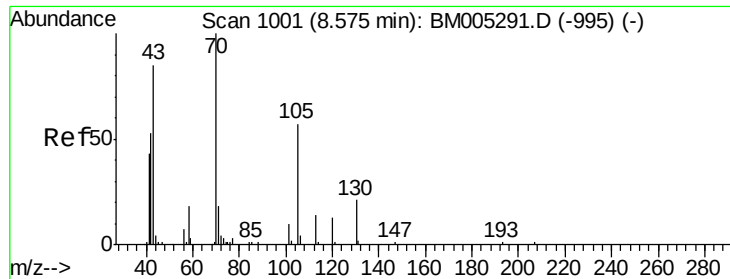
Ion Ratio Lower Upper

128 100

64 47.2 37.8 56.8

130 32.7 24.9 37.3





#15

N-Nitroso-di-n-propylamine

Concen: 34.47 ng/ul

RT: 8.57 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BM005294.D

Acq: 07 May 2016 05:47

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 70 Resp: 144705

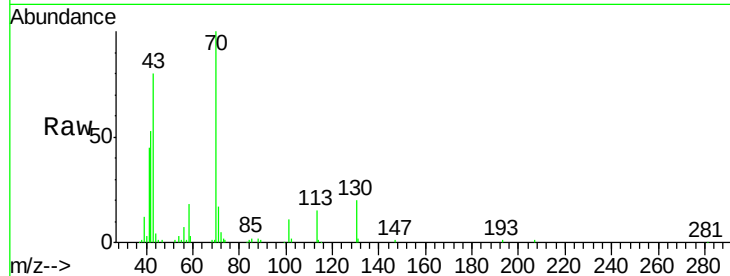
Ion Ratio Lower Upper

70 100

42 53.2 42.8 64.2

101 10.5 7.8 11.6

130 20.5 15.7 23.5

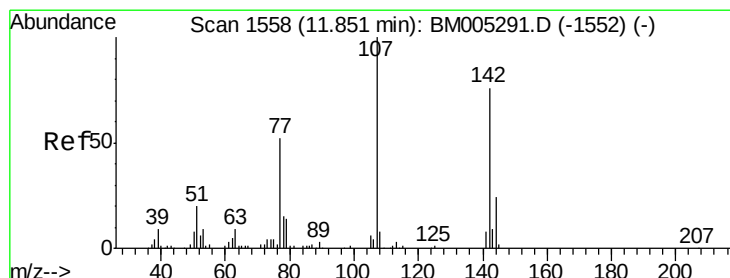
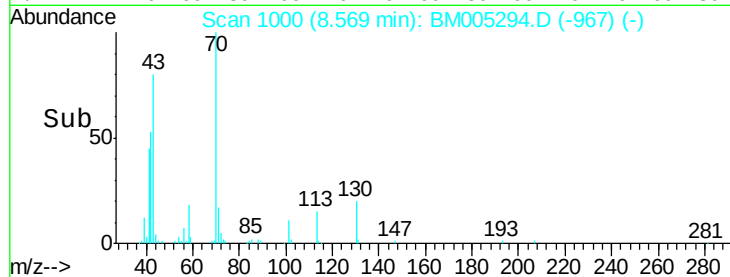
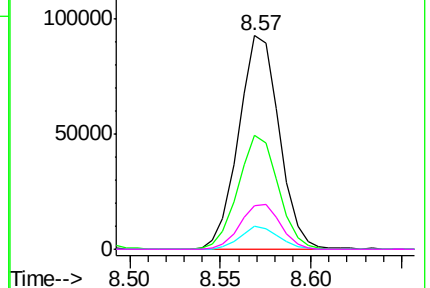


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 26.54 ng/ul

RT: 11.85 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BM005294.D

Acq: 07 May 2016 05:47

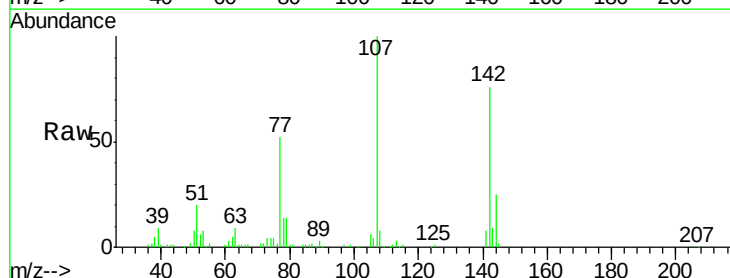
Tgt Ion: 107 Resp: 174218

Ion Ratio Lower Upper

107 100

144 25.1 19.3 28.9

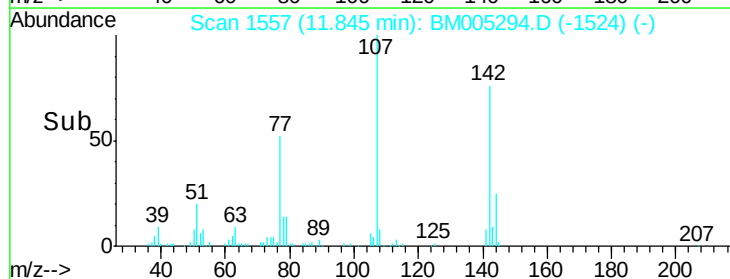
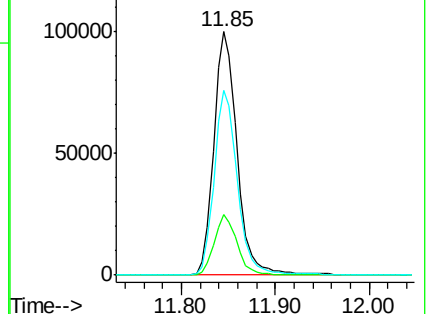
142 76.1 60.8 91.2

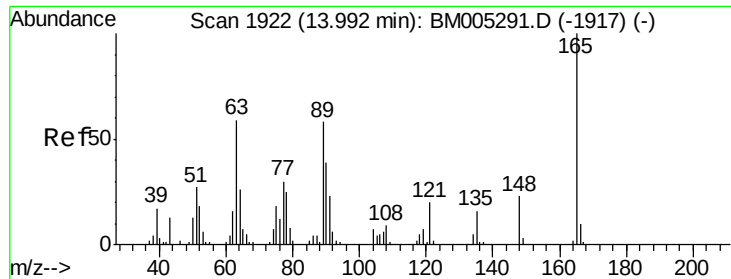


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

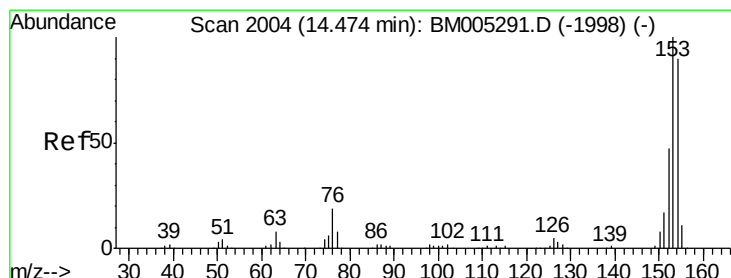
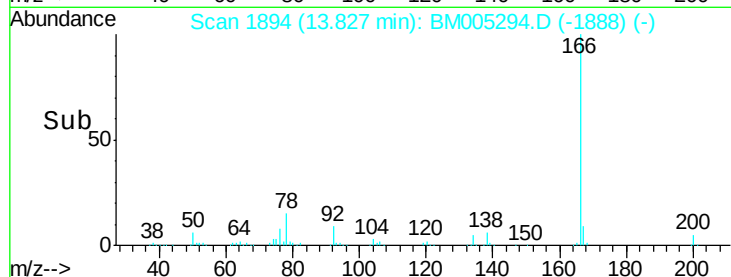
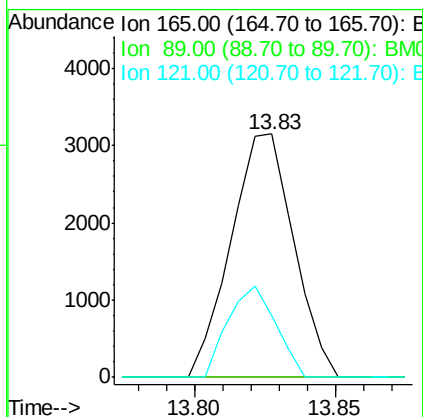
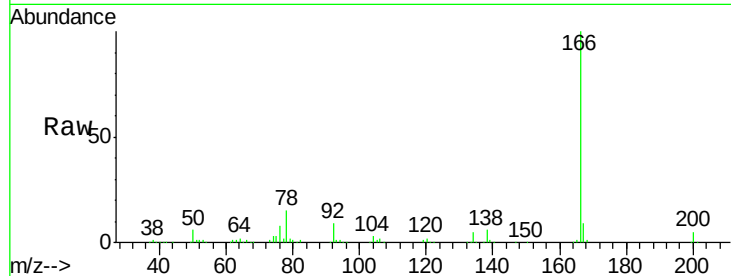




#45
 2,6-Dinitrotoluene
 Concen: 1.30 ng/ul
 RT: 13.83 min Scan# 1894
 Delta R.T. -0.16 min
 Lab File: BM005294.D
 Acq: 07 May 2016 05:47

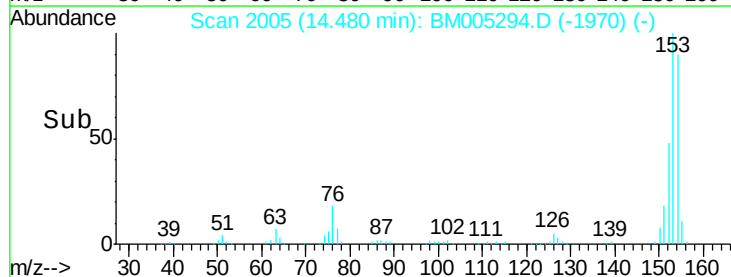
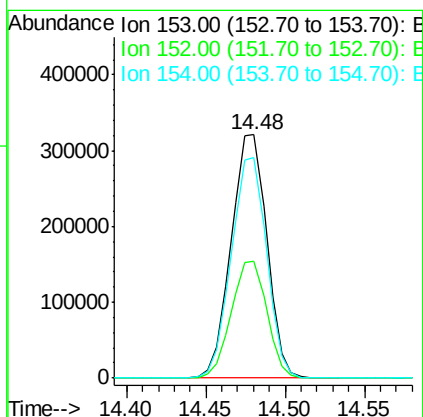
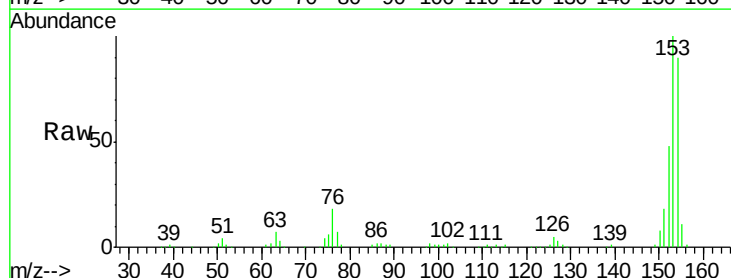
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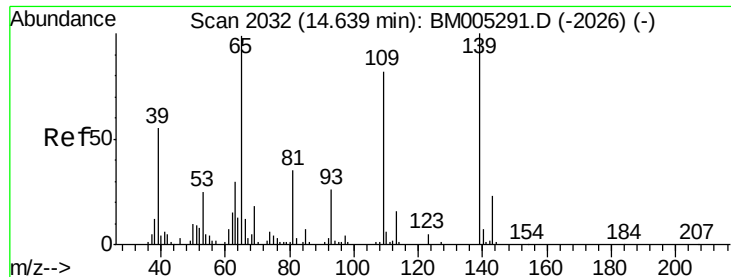
Tgt Ion:165 Resp: 4871
 Ion Ratio Lower Upper
 165 100
 89 0.0 52.2 78.4#
 121 25.3 21.0 31.4



#49
 Acenaphthene
 Concen: 32.39 ng/ul
 RT: 14.48 min Scan# 2005
 Delta R.T. 0.01 min
 Lab File: BM005294.D
 Acq: 07 May 2016 05:47

Tgt Ion:153 Resp: 503364
 Ion Ratio Lower Upper
 153 100
 152 47.9 38.9 58.3
 154 90.4 70.3 105.5

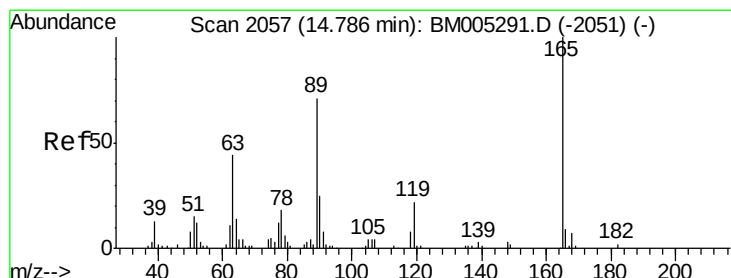
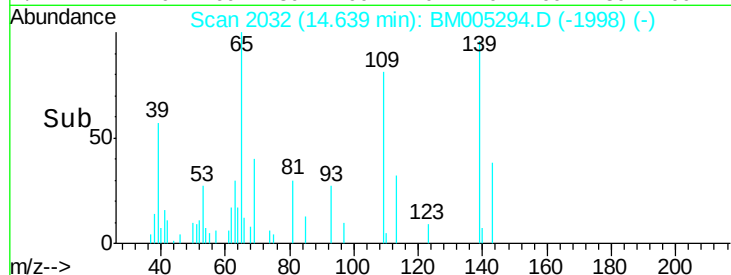
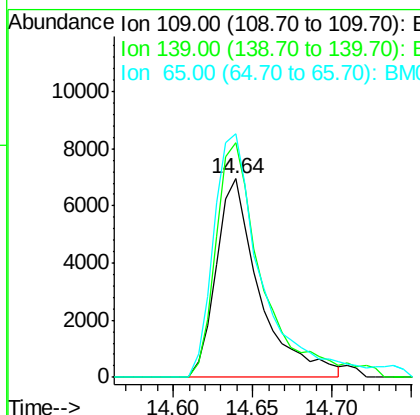
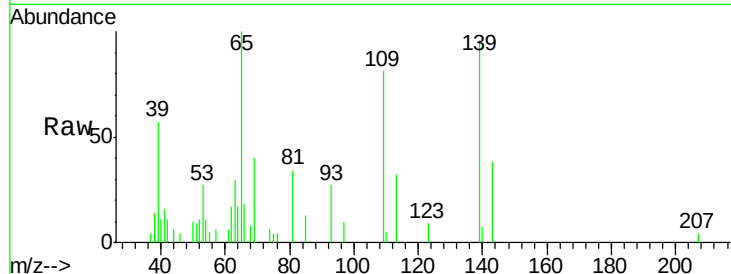




#52
4-Nitrophenol
Concen: 4.59 ng/ul
RT: 14.64 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BM005294.D
Acq: 07 May 2016 05:47

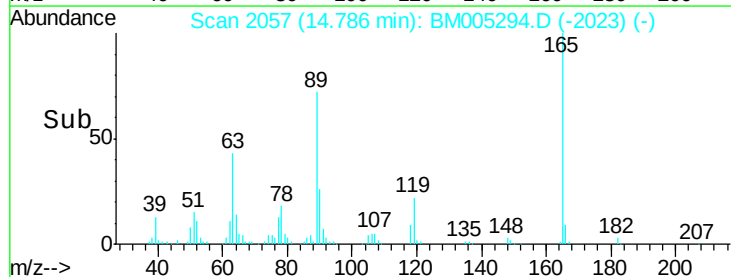
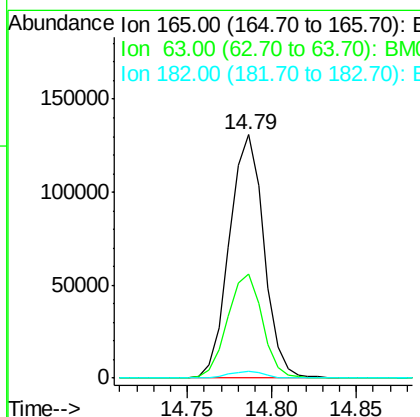
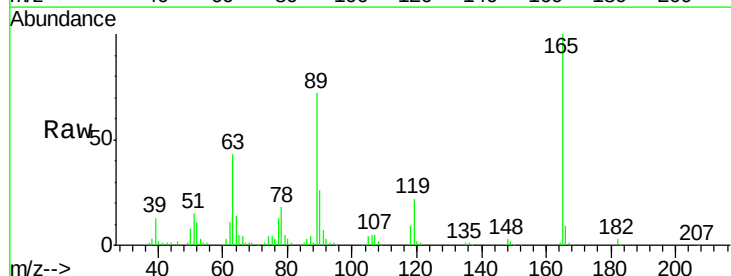
Instrument :
BNA_M
ClientSampleId :
H4036MS

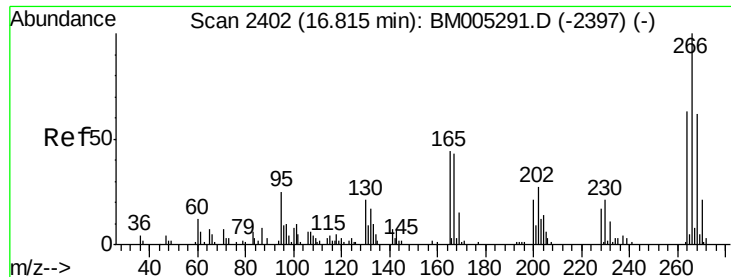
Tgt Ion:109 Resp: 13236
Ion Ratio Lower Upper
109 100
139 118.3 103.6 155.4
65 122.8 104.7 157.1



#54
2,4-Dinitrotoluene
Concen: 33.36 ng/ul
RT: 14.79 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BM005294.D
Acq: 07 May 2016 05:47

Tgt Ion:165 Resp: 186265
Ion Ratio Lower Upper
165 100
63 42.7 36.2 54.4
182 2.8 2.5 3.7

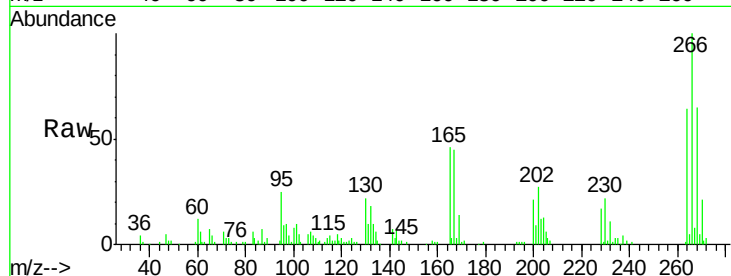




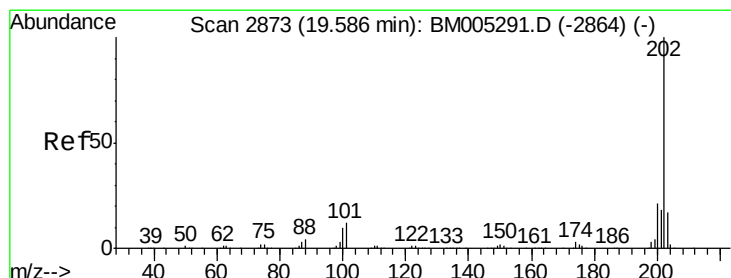
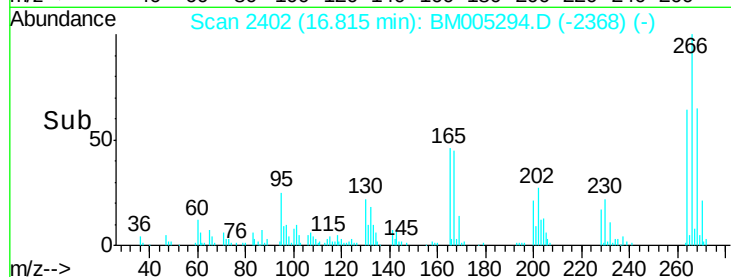
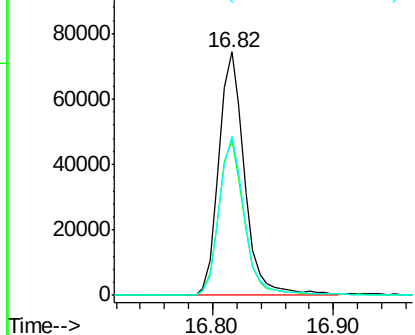
#68
 Pentachlorophenol
 Concen: 32.33 ng/ul
 RT: 16.82 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BM005294.D
 Acq: 07 May 2016 05:47

Instrument :
 BNA_M
 ClientSampled :
 H4036MS

Tgt Ion:266 Resp: 109882
 Ion Ratio Lower Upper
 266 100
 264 63.6 52.0 78.0
 268 65.2 53.0 79.6

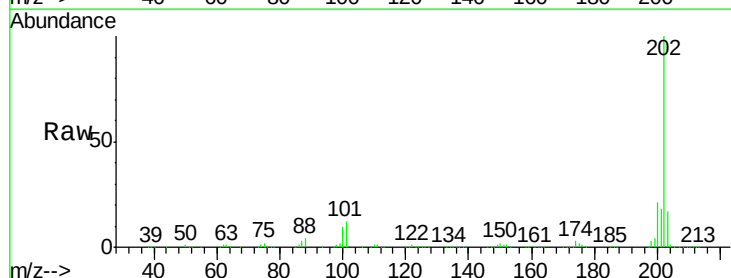


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 31.73 ng/ul
 RT: 19.59 min Scan# 2874
 Delta R.T. 0.01 min
 Lab File: BM005294.D
 Acq: 07 May 2016 05:47

Tgt Ion:202 Resp: 1221703
 Ion Ratio Lower Upper
 202 100
 101 12.3 10.8 16.2
 100 10.1 8.4 12.6



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

