

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050616\
 Data File : BM005295.D
 Acq On : 07 May 2016 06:24
 Operator : UM/SJ
 Sample : H2743-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4036MSD

Quant Time: May 08 00:39:16 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	74834	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	369284	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	243091	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	588379	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	681292	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	614892	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	2219	1.39	ng/uL	0.00
5) Phenol-d5	6.95	99	46314	6.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	130699	33.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	138188	26.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	94722	16.88	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	94565	35.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	108231	36.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	175012	31.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	16761	2.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	679955	34.90	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	819361	35.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	18681	5.25	ng/ul	0.00
57) Fluorene-d10	15.41	176	592255	35.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	112339	33.94	ng/ul	0.00
70) Anthracene-d10	17.26	188	941056	36.18	ng/ul	0.00
76) Pyrene-d10	19.56	212	1071685	34.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	990602	36.40	ng/ul	0.00

Target Compounds

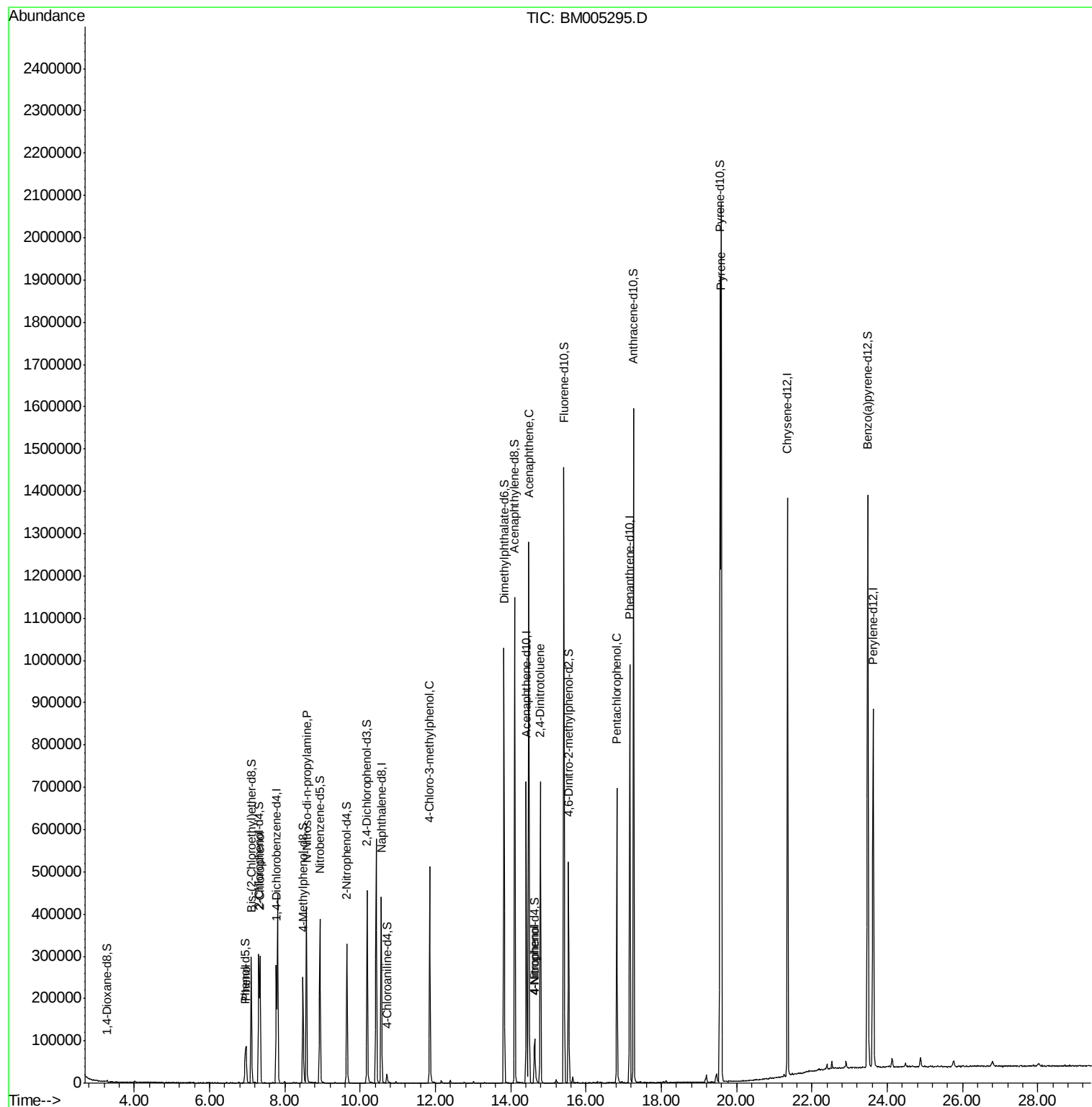
						Ovalue
6) Phenol	6.97	94	50540	7.20	ng/ul	99
10) 2-Chlorophenol	7.34	128	135926	25.92	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.57	70	158510	36.50	ng/ul	98
33) 4-Chloro-3-methylphenol	11.85	107	194762	28.59	ng/ul	99
49) Acenaphthene	14.48	153	544846	34.19	ng/ul	99
52) 4-Nitrophenol	14.63	109	17865	6.04	ng/ul	94
54) 2,4-Dinitrotoluene	14.79	165	205107	35.82	ng/ul	95
68) Pentachlorophenol	16.82	266	123149	35.03	ng/ul	97
77) Pvrene	19.59	202	1317717	33.35	ng/ul	97

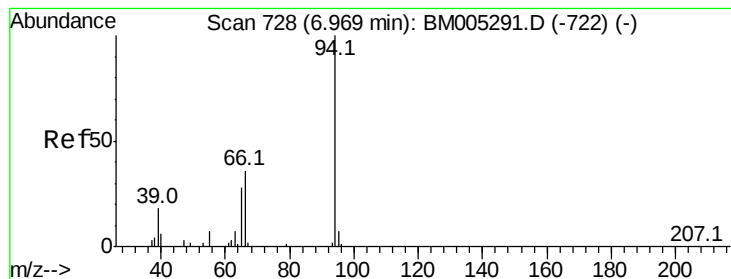
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 7.20 ng/ul

RT: 6.97 min Scan# 728

Delta R.T. 0.00 min

Lab File: BM005295.D

Acq: 07 May 2016 06:24

Instrument :

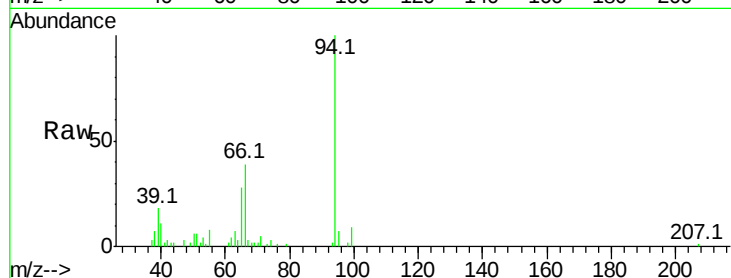
BNA_M

ClientSampleId :

H4036MSD

Tot Ion: 94 Resp: 50540

Ion	Ratio	Lower	Upper
94	100		
65	27.6	22.7	34.1
66	38.8	31.7	47.5

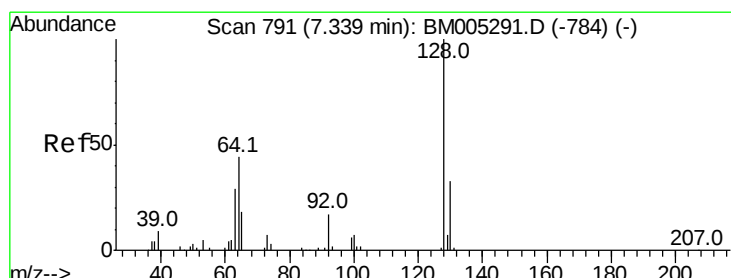
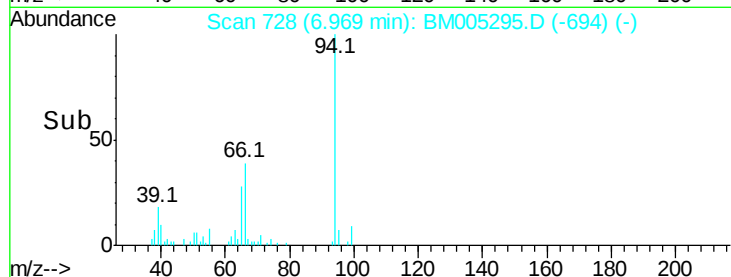


Abundance

Ion 94.00 (93.70 to 94.70): BM005291.D (-722) (-)

Ion 65.00 (64.70 to 65.70): BM005291.D (-722) (-)

Ion 66.00 (65.70 to 66.70): BM005291.D (-722) (-)



#10

2-Chlorophenol

Concen: 25.92 ng/ul

RT: 7.34 min Scan# 791

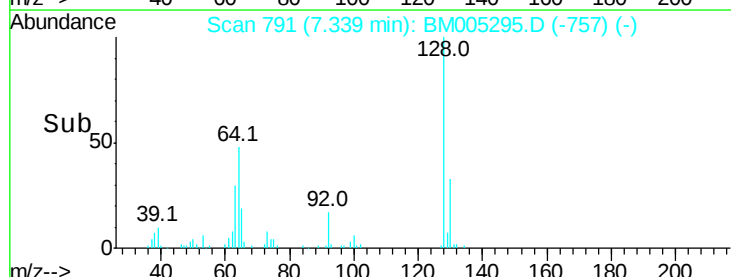
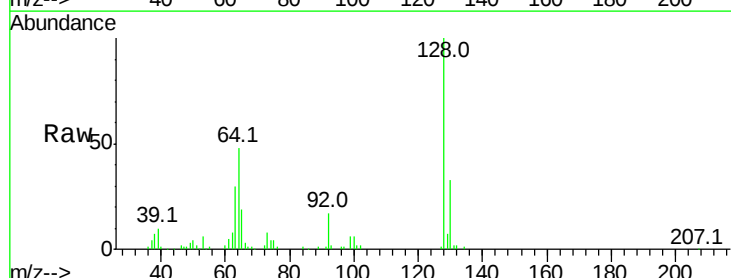
Delta R.T. 0.00 min

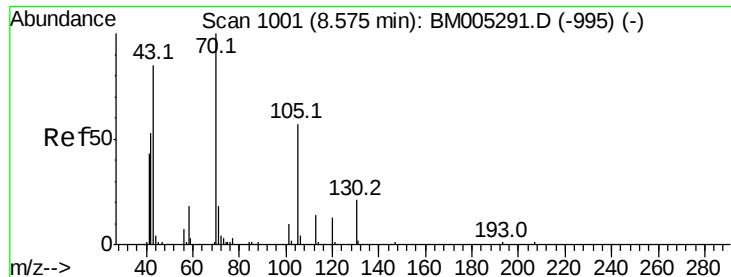
Lab File: BM005295.D

Acq: 07 May 2016 06:24

Tgt Ion:128 Resp: 135926

Ion	Ratio	Lower	Upper
128	100		
64	47.8	37.8	56.8
130	32.6	24.9	37.3





#15

N-Nitroso-di-n-propylamine

Concen: 36.50 ng/ul

RT: 8.57 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BM005295.D

Acq: 07 May 2016 06:24

Instrument :

BNA_M

ClientSampleId :

H4036MSD

Tot Ion: 70 Resp: 158510

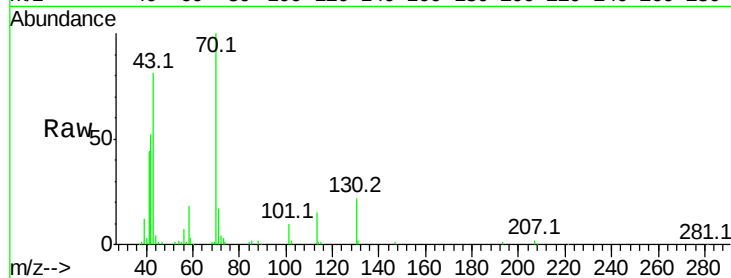
Ion Ratio Lower Upper

70 100

42 52.4 42.8 64.2

101 10.3 7.8 11.6

130 21.6 15.7 23.5

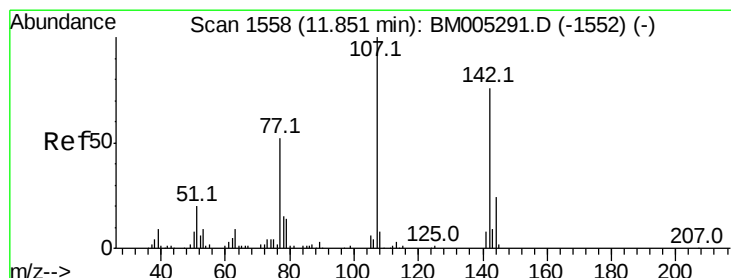
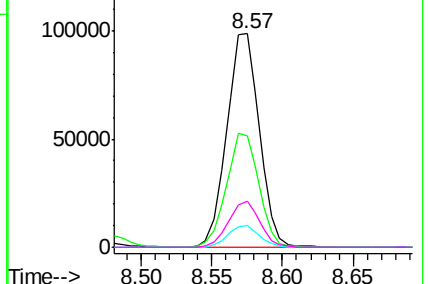
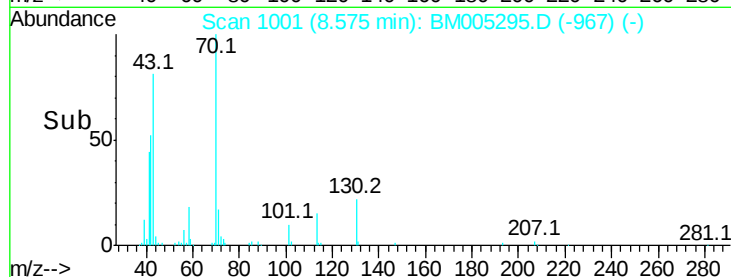


Abundance Ion 70.00 (69.70 to 70.70): BM005291.D (-995) (-)

Ion 42.00 (41.70 to 42.70): BM005291.D (-995) (-)

Ion 101.00 (100.70 to 101.70): BM005291.D (-995) (-)

Ion 130.00 (129.70 to 130.70): BM005291.D (-995) (-)



#33

4-Chloro-3-methylphenol

Concen: 28.59 ng/ul

RT: 11.85 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BM005295.D

Acq: 07 May 2016 06:24

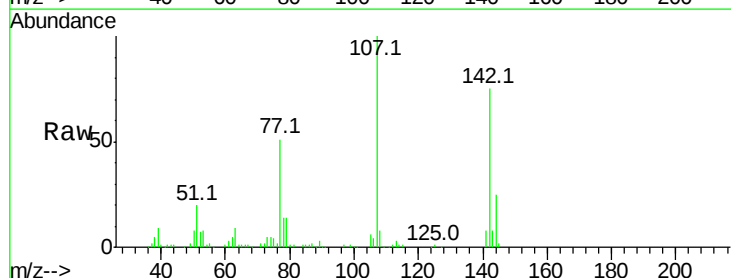
Tgt Ion: 107 Resp: 194762

Ion Ratio Lower Upper

107 100

144 25.0 19.3 28.9

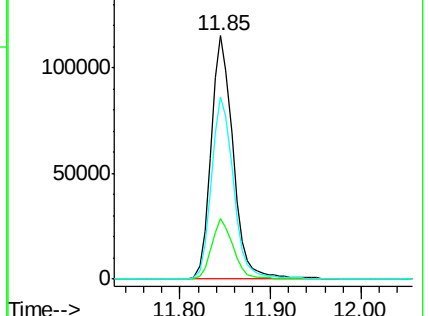
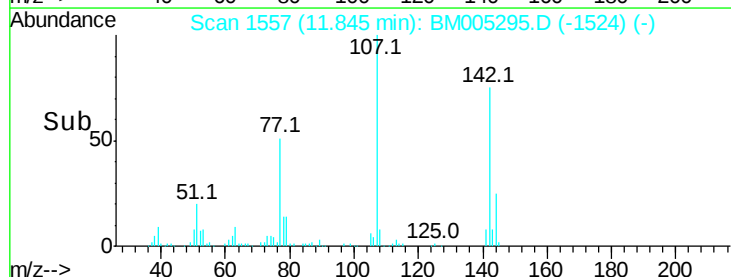
142 74.9 60.8 91.2

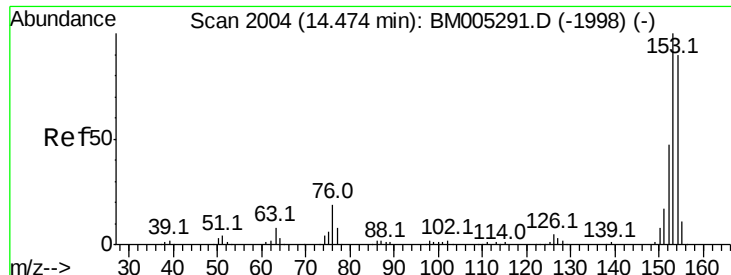


Abundance Ion 107.00 (106.70 to 107.70): BM005291.D (-1552) (-)

Ion 144.00 (143.70 to 144.70): BM005291.D (-1552) (-)

Ion 142.00 (141.70 to 142.70): BM005291.D (-1552) (-)





#49

Acenaphthene

Concen: 34.19 ng/ul

RT: 14.48 min Scan# 2005

Delta R.T. 0.01 min

Lab File: BM005295.D

Acq: 07 May 2016 06:24

Instrument :

BNA_M

ClientSampleId :

H4036MSD

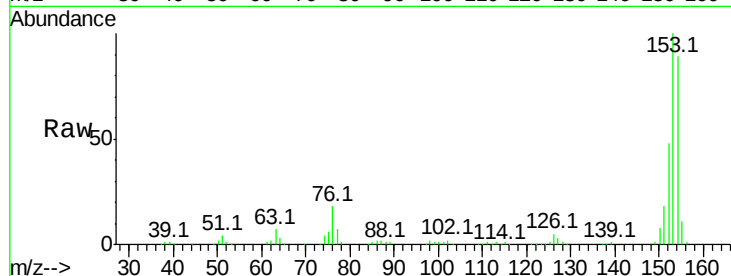
Tot Ion:153 Resp: 544846

Ion Ratio Lower Upper

153 100

152 47.6 38.9 58.3

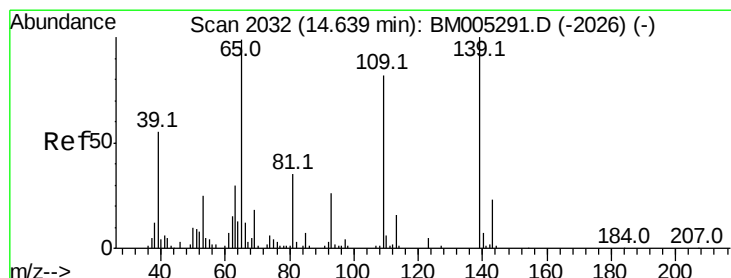
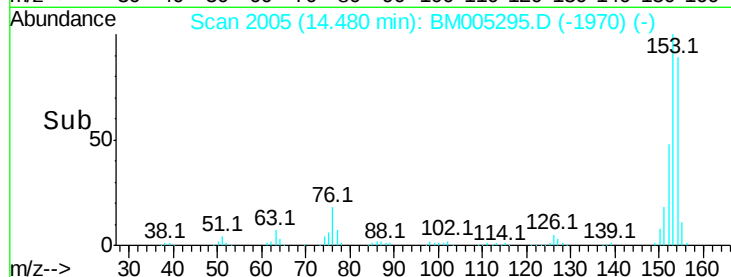
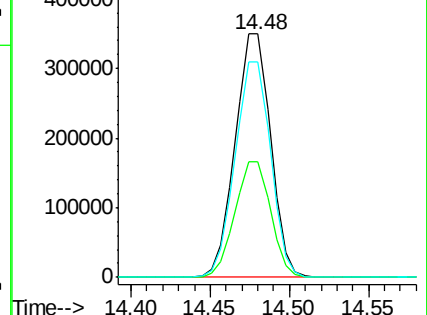
154 88.6 70.3 105.5



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: 6.04 ng/ul

RT: 14.63 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BM005295.D

Acq: 07 May 2016 06:24

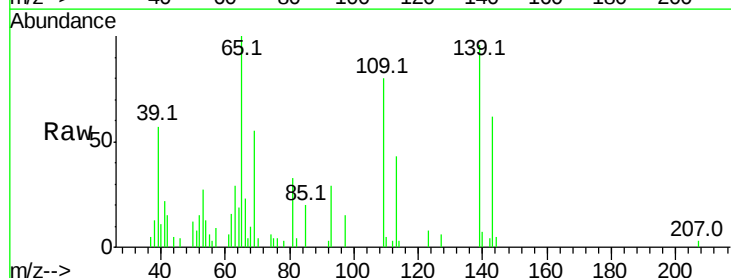
Tgt Ion:109 Resp: 17865

Ion Ratio Lower Upper

109 100

139 120.6 103.6 155.4

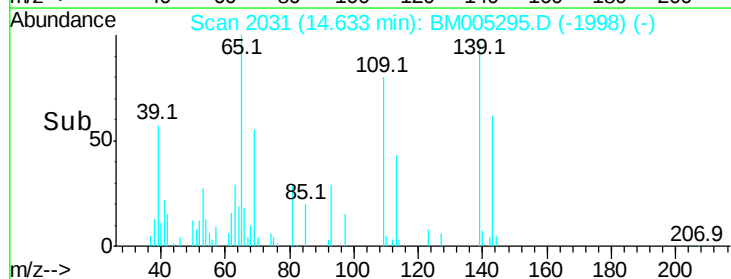
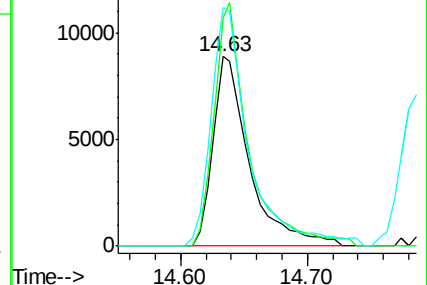
65 125.7 104.7 157.1

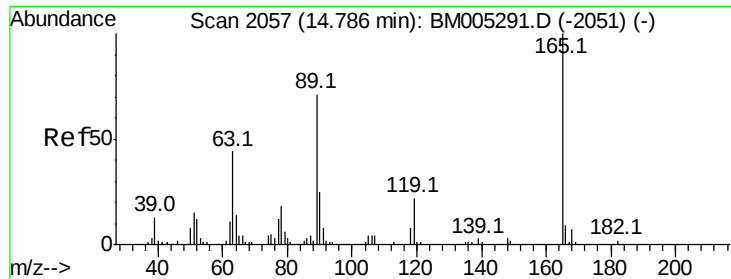


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

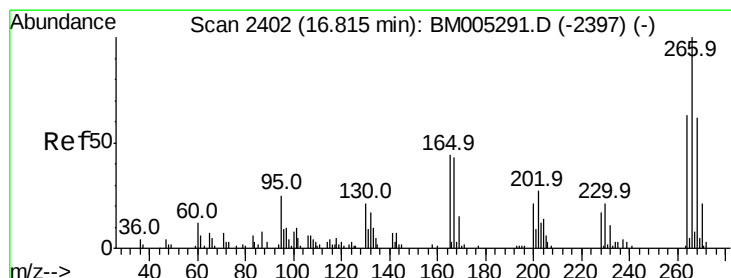
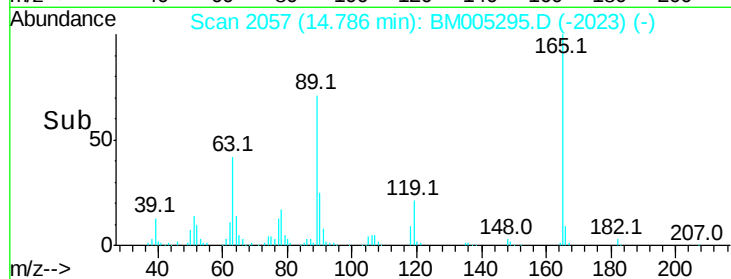
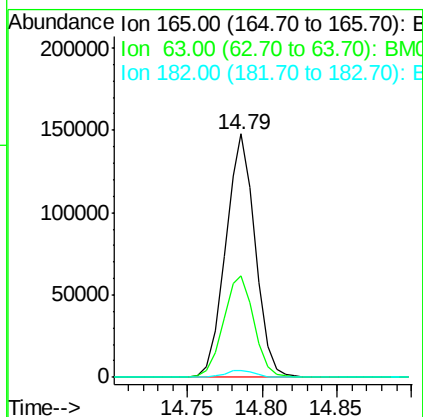
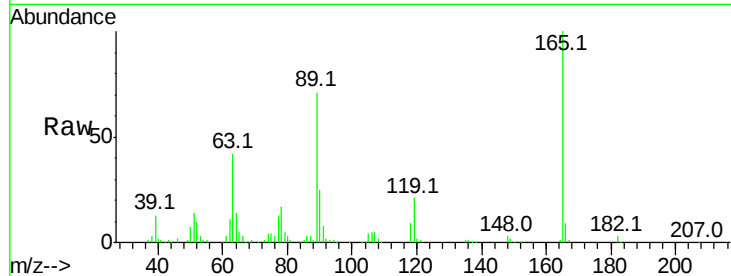




#54
 2,4-Dinitrotoluene
 Concen: 35.82 ng/ul
 RT: 14.79 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BM005295.D
 Acq: 07 May 2016 06:24

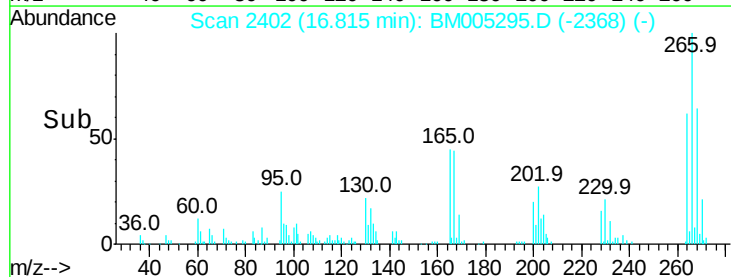
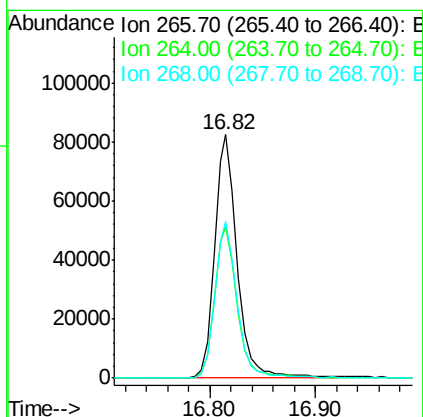
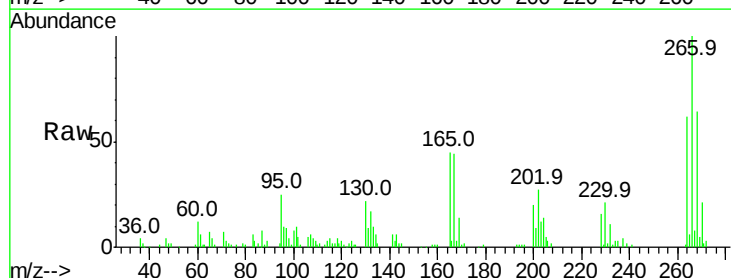
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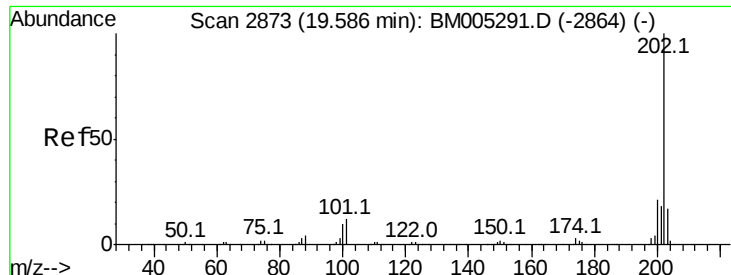
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.6	36.2	54.4
182	3.0	2.5	3.7



#68
 Pentachlorophenol
 Concen: 35.03 ng/ul
 RT: 16.82 min Scan# 2402
 Delta R.T. 0.00 min
 Lab File: BM005295.D
 Acq: 07 May 2016 06:24

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.3	52.0	78.0
268	64.3	53.0	79.6





#77
 Pvrene
 Concen: 33.35 ng/ul
 RT: 19.59 min Scan# 2874
 Delta R.T. 0.01 min
 Lab File: BM005295.D
 Acq: 07 May 2016 06:24

Instrument :
 BNA_M
 ClientSampleId :
 H4036MSD

Tot Ion:202 Resp: 1317717
 Ion Ratio Lower Upper
 202 100
 101 12.0 10.8 16.2
 100 9.9 8.4 12.6

