

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
 Data File : BM005329.D
 Acq On : 08 May 2016 03:40
 Operator : UM/SJ
 Sample : H2853-16MSD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9X04MSD

Quant Time: May 08 04:56:36 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	86893	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	405533	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	271215	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	653148	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	706884	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	628690	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	1492	0.81	ng/uL	0.00
5) Phenol-d5	6.95	99	35697	4.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	84417	18.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	97521	16.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	71239	10.94	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	59382	20.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	67678	20.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	125355	20.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	3020	0.41	ng/ul	0.02
43) Dimethylphthalate-d6	13.82	166	446734	20.55	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	516954	20.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	14397	3.63	ng/ul	0.00
57) Fluorene-d10	15.40	176	384223	20.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	70736	19.25	ng/ul	0.00
70) Anthracene-d10	17.26	188	629143	21.79	ng/ul	0.00
76) Pyrene-d10	19.56	212	710665	21.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	614179	22.07	ng/ul	0.00

Target Compounds

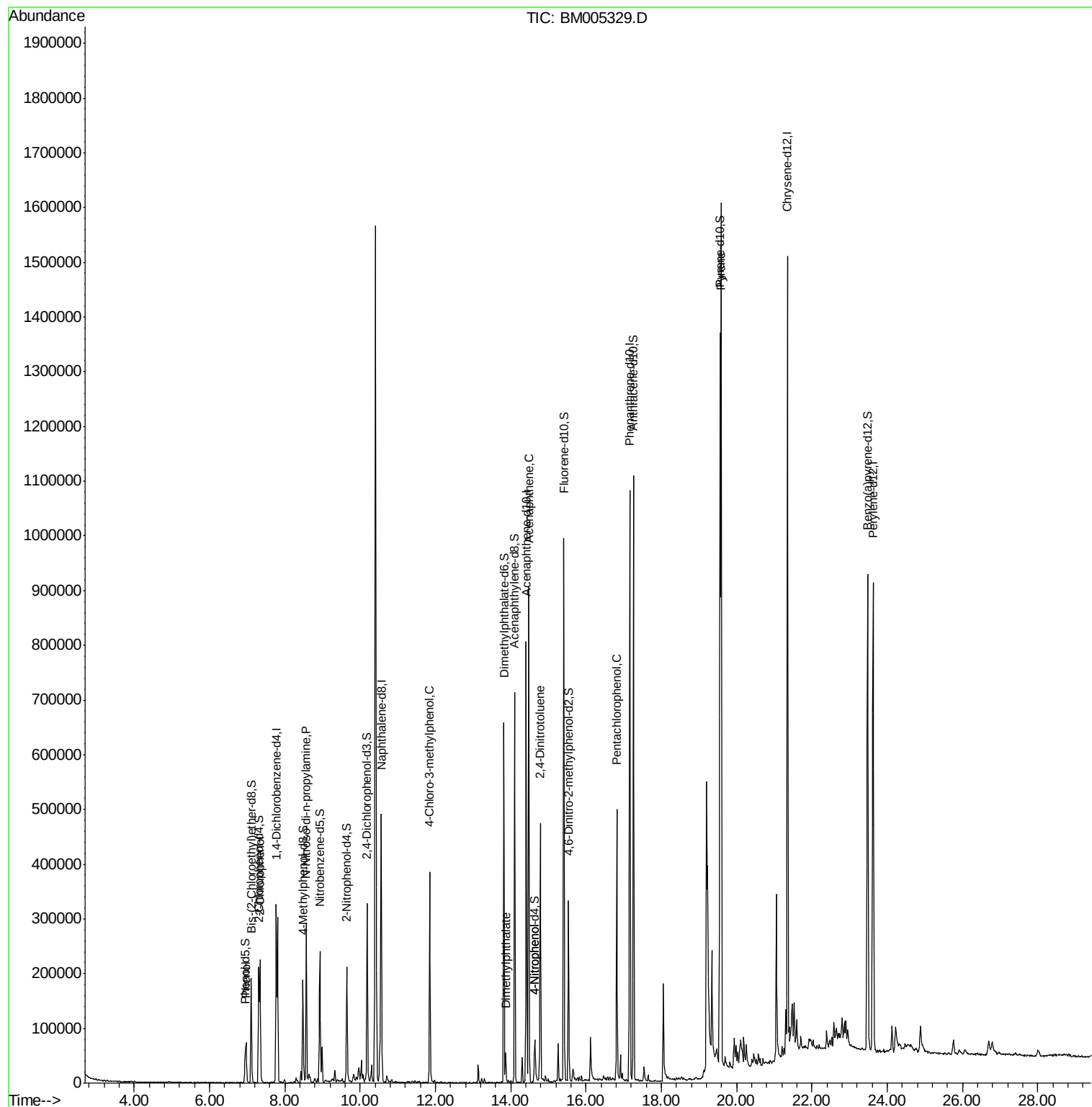
						Ovalue
6) Phenol	6.97	94	42554	5.22	ng/ul	98
10) 2-Chlorophenol	7.33	128	100177	16.45	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.57	70	106443	21.11	ng/ul	98
33) 4-Chloro-3-methylphenol	11.84	107	150682	20.14	ng/ul	99
44) Dimethylphthalate	13.86	163	34084	1.57	ng/ul	99
49) Acenaphthene	14.47	153	367175	20.65	ng/ul	99
52) 4-Nitrophenol	14.64	109	13732	4.16	ng/ul	93
54) 2,4-Dinitrotoluene	14.78	165	139773	21.88	ng/ul	99
68) Pentachlorophenol	16.82	266	89984	23.06	ng/ul	97
77) Pyrene	19.59	202	917946	22.39	ng/ul	98

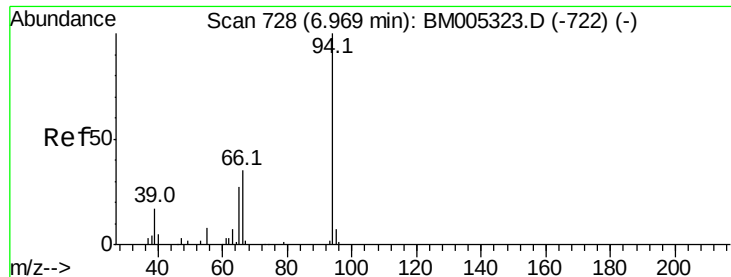
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat May 07 07:05:19 2016
Response via : Initial Calibration





#6

Phenol

Concen: 5.22 ng/ul

RT: 6.97 min Scan# 728

Delta R.T. -0.00 min

Lab File: BM005329.D

Acq: 08 May 2016 03:40

Instrument :

BNA_M

ClientSampleId :

D9X04MSD

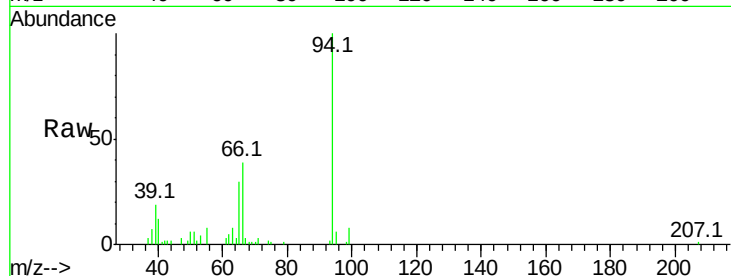
Tot Ion: 94 Resp: 42554

Ion Ratio Lower Upper

94 100

65 29.9 22.7 34.1

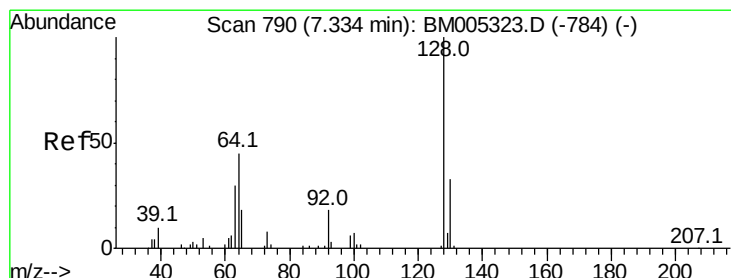
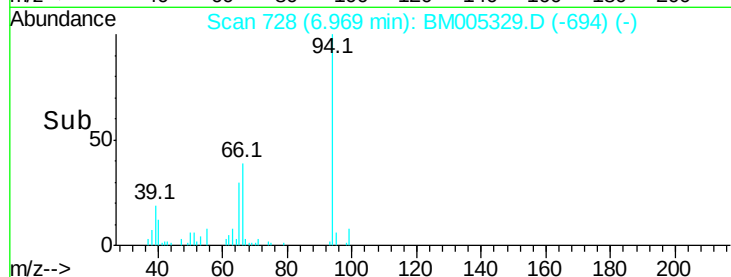
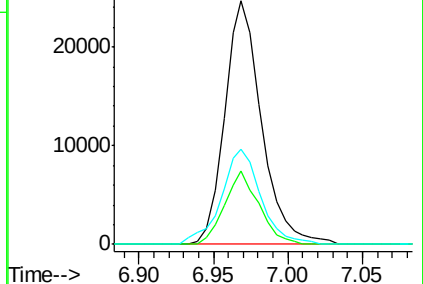
66 38.8 31.7 47.5



Abundance Ion 94.00 (93.70 to 94.70): BM005323.D (-722) (-)

Ion 65.00 (64.70 to 65.70): BM005323.D (-722) (-)

Ion 66.00 (65.70 to 66.70): BM005323.D (-722) (-)



#10

2-Chlorophenol

Concen: 16.45 ng/ul

RT: 7.33 min Scan# 790

Delta R.T. -0.01 min

Lab File: BM005329.D

Acq: 08 May 2016 03:40

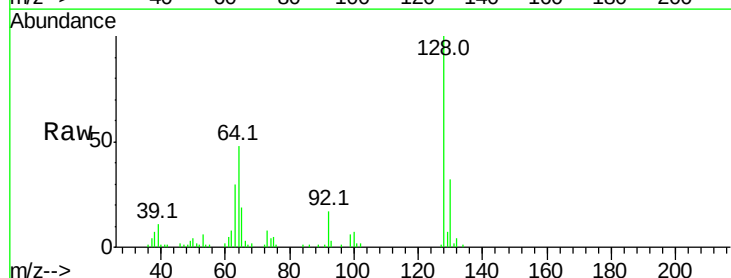
Tgt Ion: 128 Resp: 100177

Ion Ratio Lower Upper

128 100

64 47.6 37.8 56.8

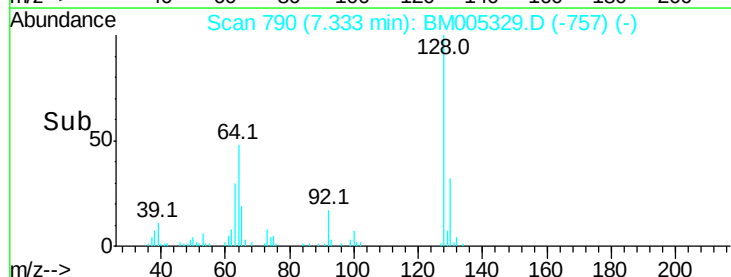
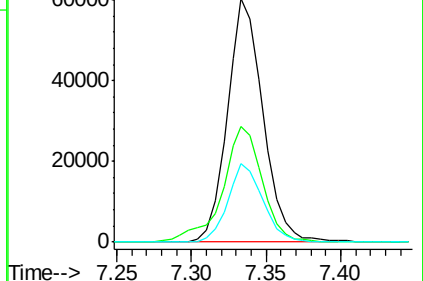
130 32.5 24.9 37.3

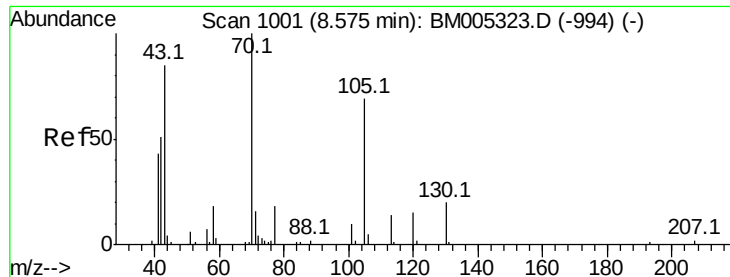


Abundance Ion 128.00 (127.70 to 128.70): BM005323.D (-784) (-)

Ion 64.00 (63.70 to 64.70): BM005323.D (-784) (-)

Ion 130.00 (129.70 to 130.70): BM005323.D (-784) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 21.11 ng/ul

RT: 8.57 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BM005329.D

Acq: 08 May 2016 03:40

Instrument :

BNA_M

ClientSampleId :

D9X04MSD

Tot Ion: 70 Resp: 106443

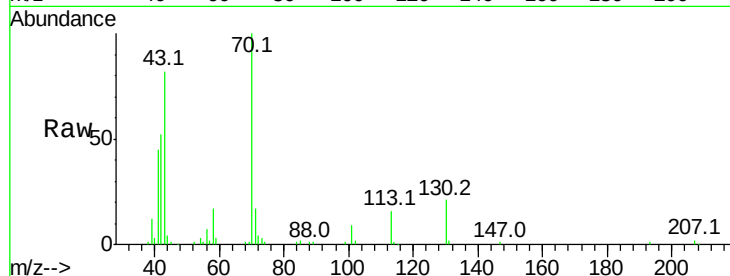
Ion Ratio Lower Upper

70 100

42 52.2 42.8 64.2

101 9.5 7.8 11.6

130 21.1 15.7 23.5

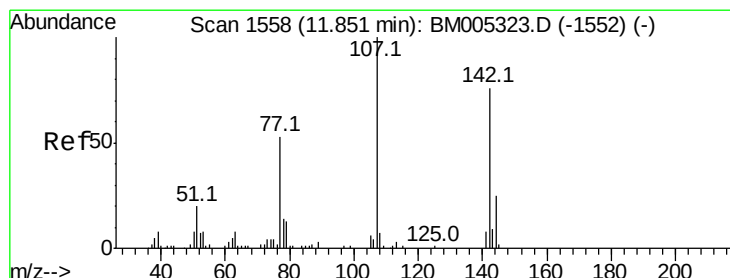
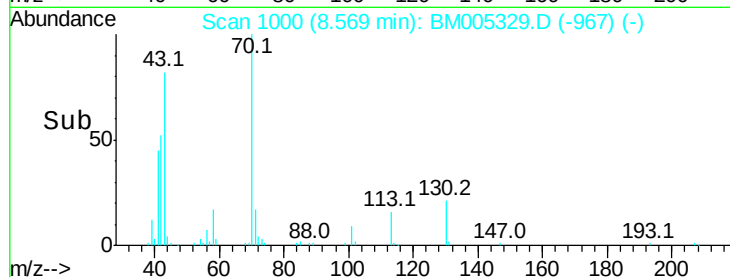
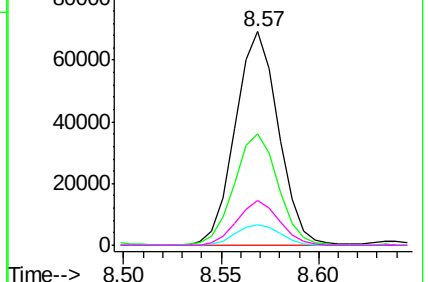


Abundance Ion 70.00 (69.70 to 70.70): BM005323.D (-994) (-)

Ion 42.00 (41.70 to 42.70): BM005323.D (-994) (-)

Ion 101.00 (100.70 to 101.70): BM005323.D (-994) (-)

Ion 130.00 (129.70 to 130.70): BM005323.D (-994) (-)



#33

4-Chloro-3-methylphenol

Concen: 20.14 ng/ul

RT: 11.84 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BM005329.D

Acq: 08 May 2016 03:40

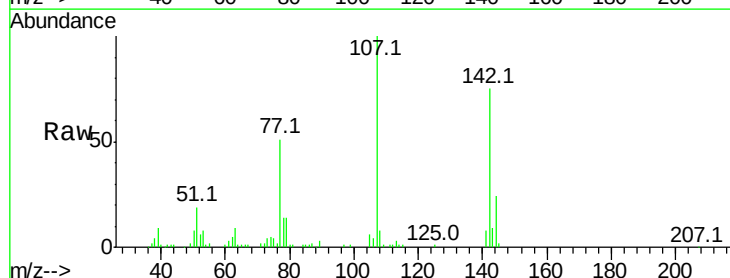
Tgt Ion:107 Resp: 150682

Ion Ratio Lower Upper

107 100

144 24.2 19.3 28.9

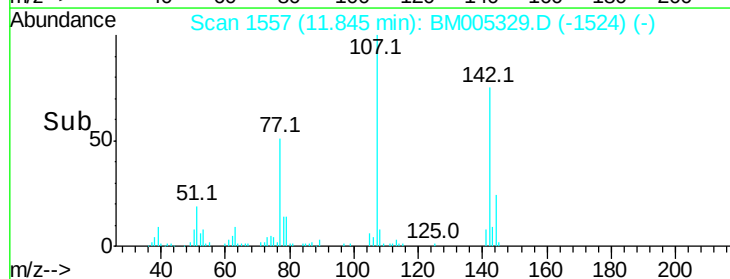
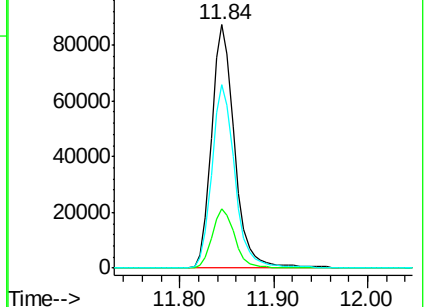
142 75.4 60.8 91.2

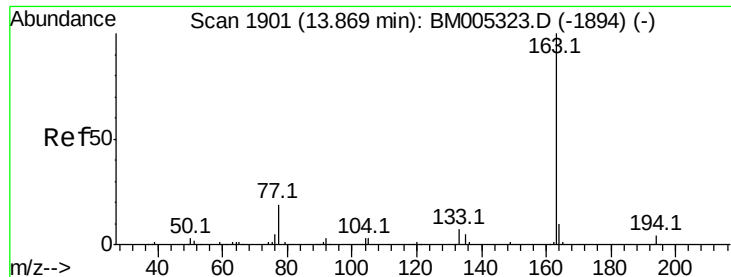


Abundance Ion 107.00 (106.70 to 107.70): BM005323.D (-1552) (-)

Ion 144.00 (143.70 to 144.70): BM005323.D (-1552) (-)

Ion 142.00 (141.70 to 142.70): BM005323.D (-1552) (-)





#44

Dimethylphthalate

Concen: 1.57 ng/ul

RT: 13.86 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BM005329.D

Acq: 08 May 2016 03:40

Instrument :

BNA_M

ClientSampleId :

D9X04MSD

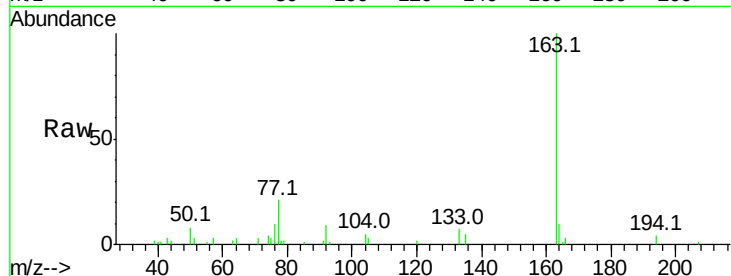
Tot Ion:163 Resp: 34084

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

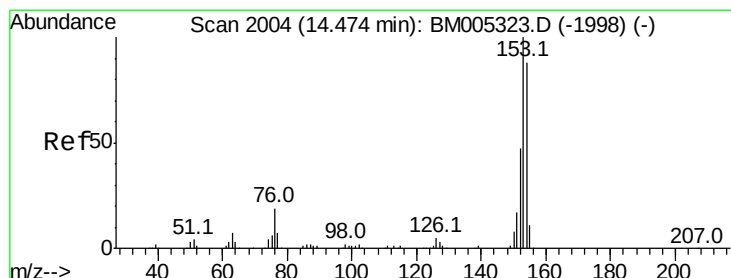
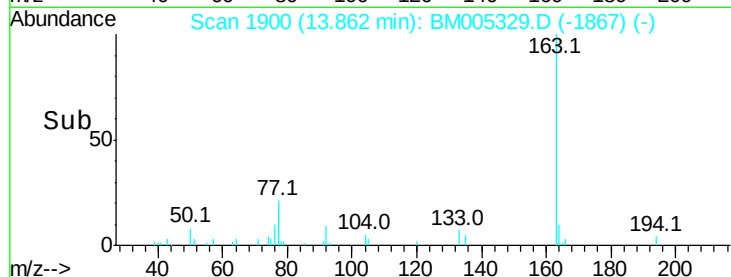
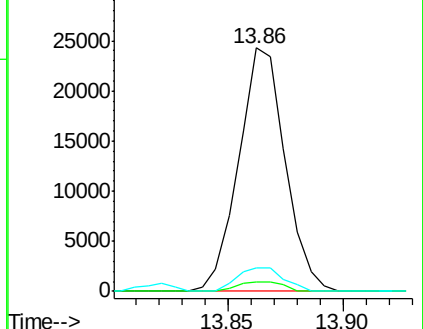
164 9.8 7.9 11.9



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: 20.65 ng/ul

RT: 14.47 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM005329.D

Acq: 08 May 2016 03:40

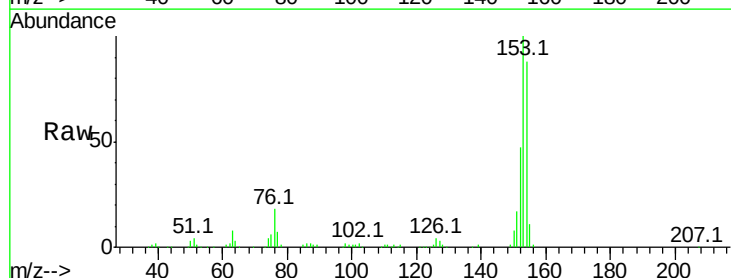
Tgt Ion:153 Resp: 367175

Ion Ratio Lower Upper

153 100

152 47.2 38.9 58.3

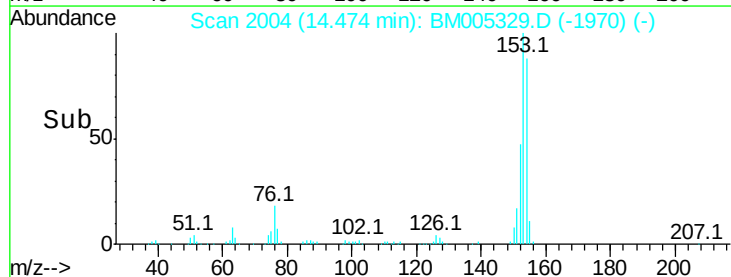
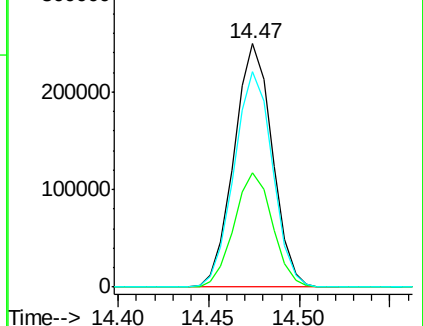
154 88.4 70.3 105.5

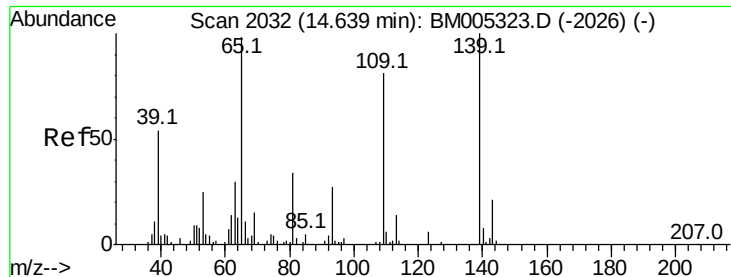


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

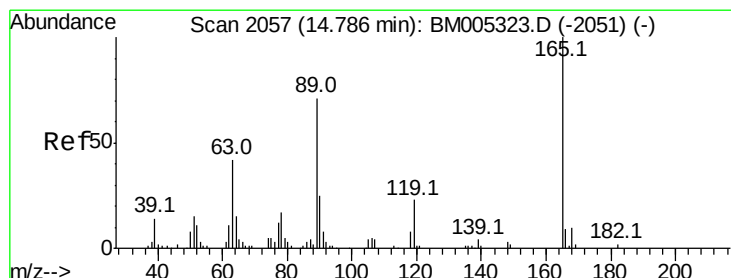
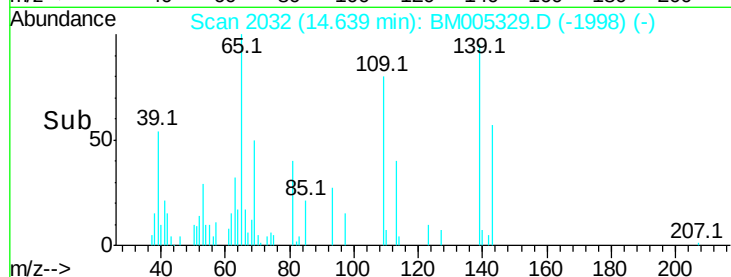
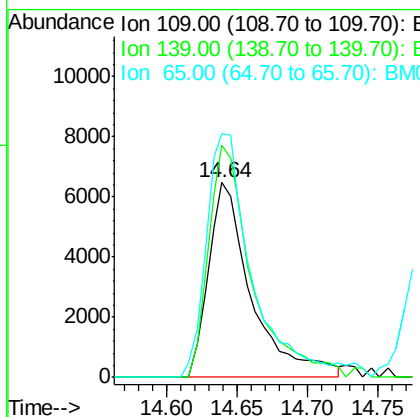
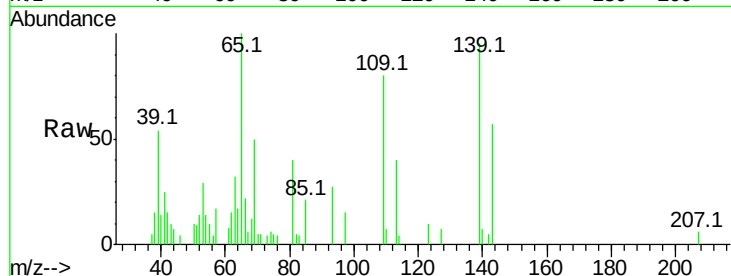




#52
4-Nitrophenol
Concen: 4.16 ng/ul
RT: 14.64 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BM005329.D
Acq: 08 May 2016 03:40

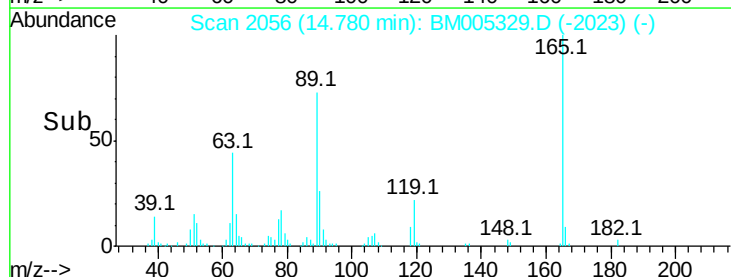
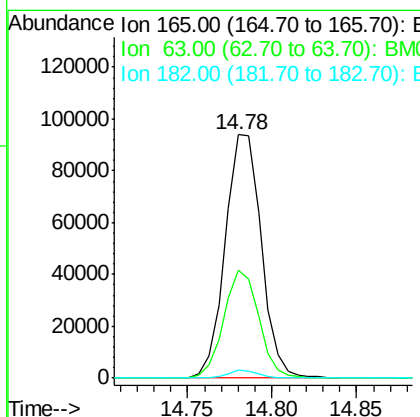
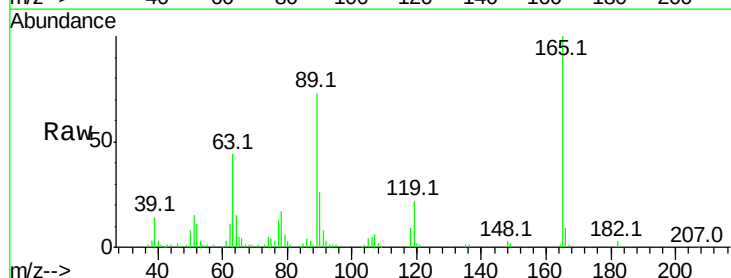
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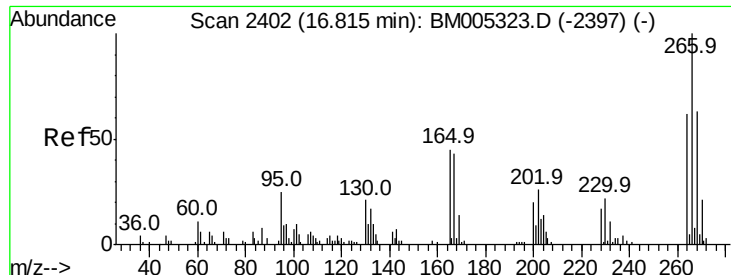
Tot Ion:109 Resp: 13732
Ion Ratio Lower Upper
109 100
139 119.3 103.6 155.4
65 125.2 104.7 157.1



#54
2,4-Dinitrotoluene
Concen: 21.88 ng/ul
RT: 14.78 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BM005329.D
Acq: 08 May 2016 03:40

Tgt Ion:165 Resp: 139773
Ion Ratio Lower Upper
165 100
63 44.4 36.2 54.4
182 3.1 2.5 3.7

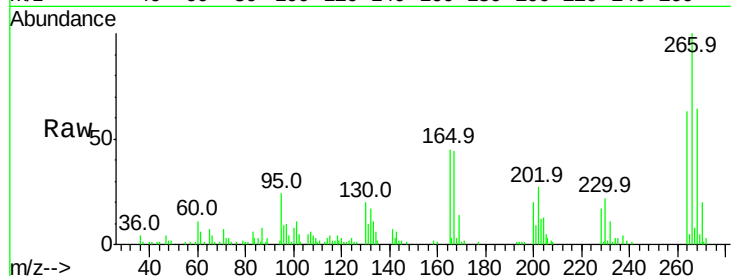




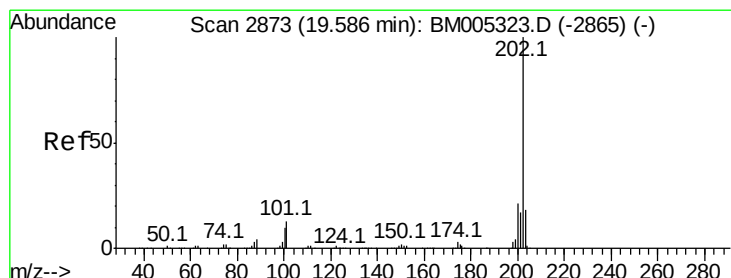
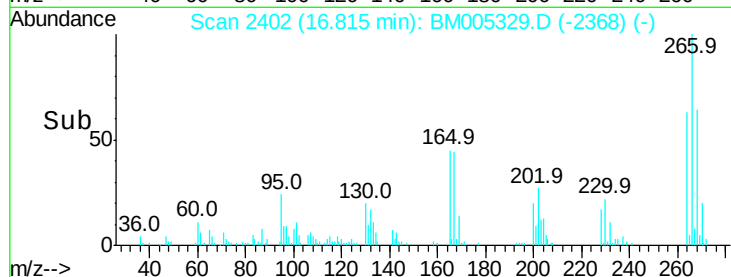
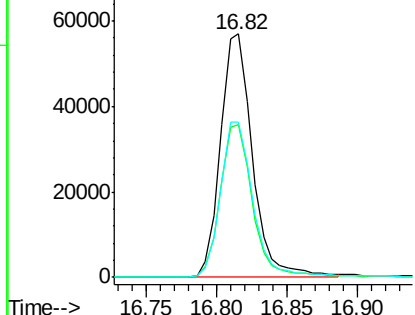
#68
 Pentachlorophenol
 Concen: 23.06 ng/ul
 RT: 16.82 min Scan# 2402
 Delta R.T. -0.00 min
 Lab File: BM005329.D
 Acq: 08 May 2016 03:40

Instrument :
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Tot Ion	Ratio	Lower	Upper
266	100		
264	62.7	52.0	78.0
268	63.7	53.0	79.6

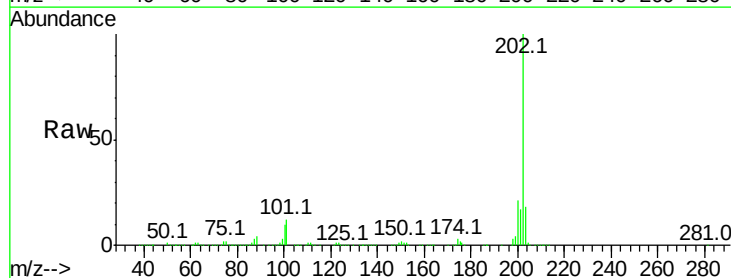


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 22.39 ng/ul
 RT: 19.59 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: BM005329.D
 Acq: 08 May 2016 03:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.8	16.2
100	10.3	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

