

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
 Data File : BM005504.D
 Acq On : 19 May 2016 18:23
 Operator : UM/SJ
 Sample : H2841-07MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WS3MS

Quant Time: May 20 01:01:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 01:00:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	51194	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	276800	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	202095	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	584243	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	962778	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	1265457	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	2685	2.02	ng/uL	0.00
5) Phenol-d5	6.99	99	74228	15.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	41081	15.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	56934	15.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	66770	15.94	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	30817	15.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	31743	14.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	68604	15.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	76951	15.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	286020	17.22	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	330239	16.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	59282	17.39	ng/ul	0.00
57) Fluorene-d10	15.46	176	266488	18.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	39327	12.77	ng/ul	0.00
70) Anthracene-d10	17.30	188	476388	17.73	ng/ul	0.00
76) Pyrene-d10	19.59	212	670693	17.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1003982	17.75	ng/ul	0.00

Target Compounds

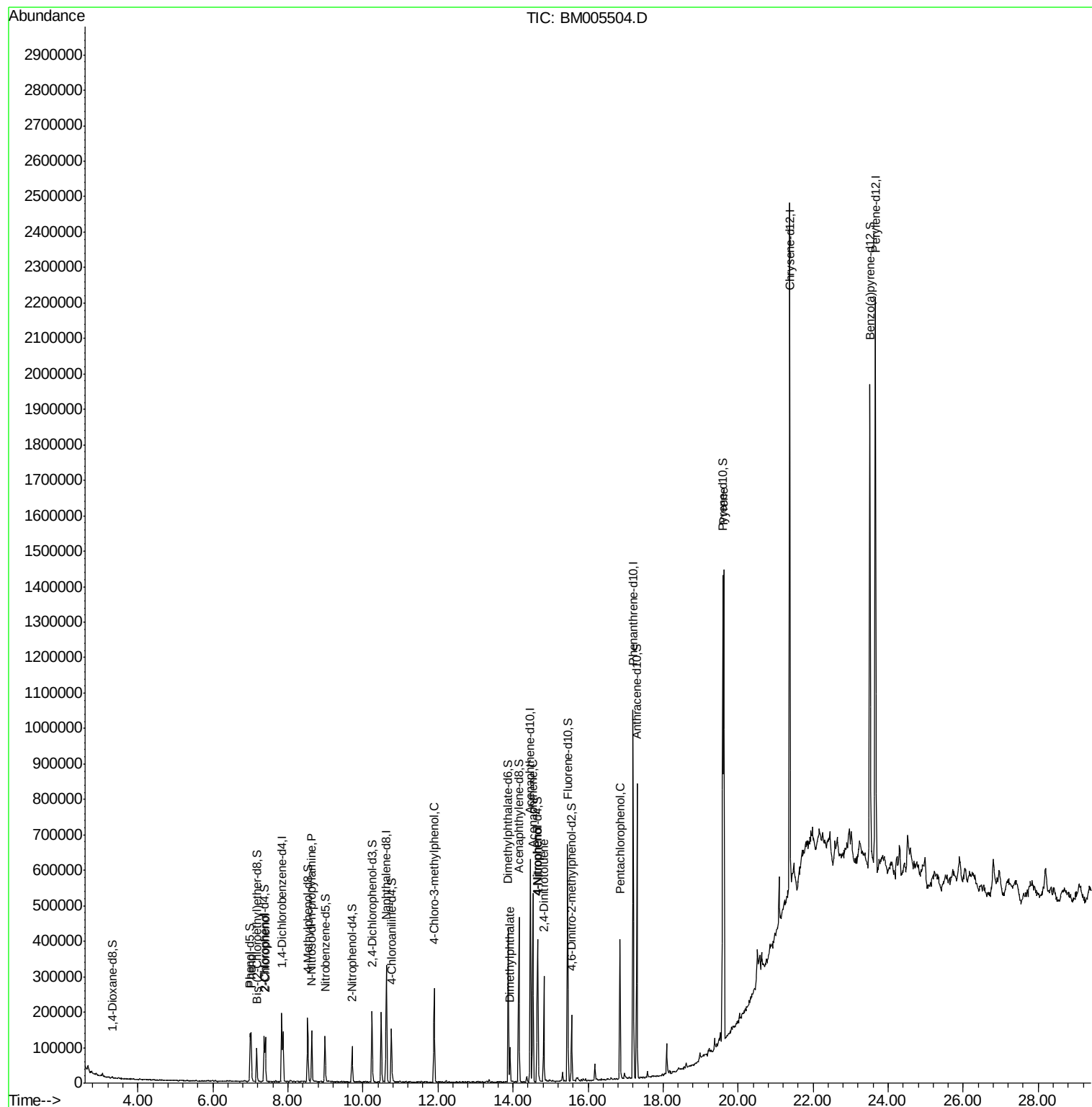
						Qvalue
6) Phenol	7.02	94	70432	13.63	ng/ul	98
10) 2-Chlorophenol	7.40	128	53104	13.67	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.63	70	51251	14.37	ng/ul	96
33) 4-Chloro-3-methylphenol	11.90	107	89886	16.67	ng/ul	97
44) Dimethylphthalate	13.92	163	63529	3.75	ng/ul	98
49) Acenaphthene	14.53	153	207260	14.94	ng/ul	99
52) 4-Nitrophenol	14.66	109	56437	18.50	ng/ul	84
54) 2,4-Dinitrotoluene	14.82	165	78613	15.89	ng/ul	99
68) Pentachlorophenol	16.85	266	66240	14.97	ng/ul	96
77) Pyrene	19.62	202	818157	15.86	ng/ul	95

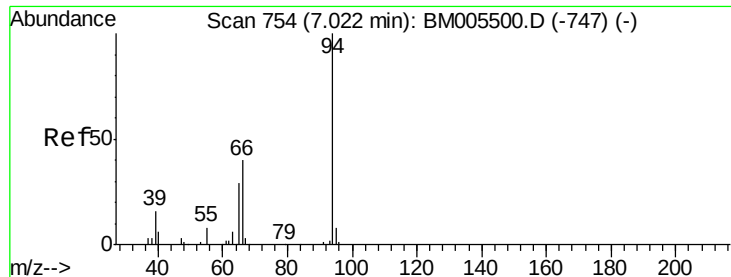
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 13.63 ng/ul

RT: 7.02 min Scan# 754

Delta R.T. -0.00 min

Lab File: BM005504.D

Acq: 19 May 2016 18:23

Instrument :

BNA_M

ClientSampleId :

D9WS3MS

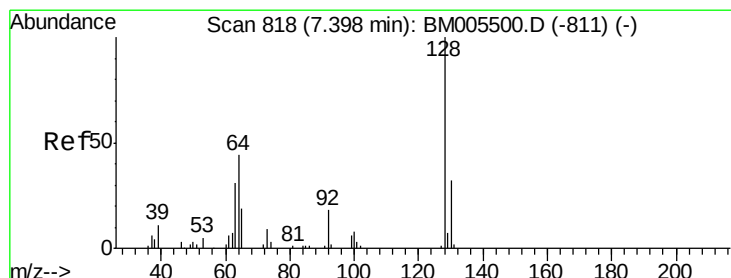
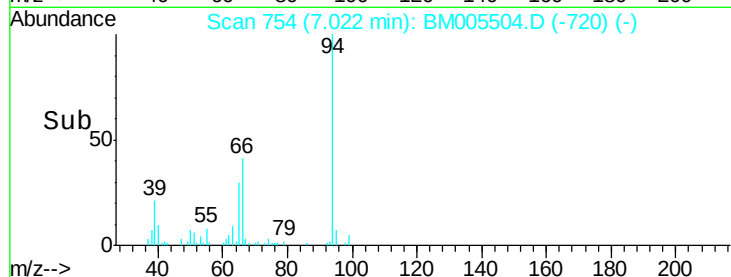
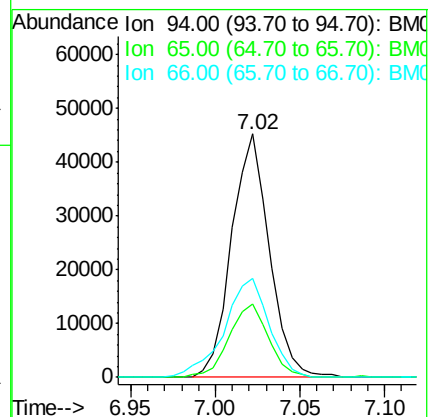
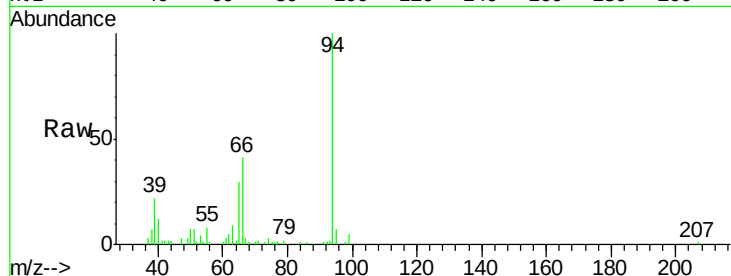
Tgt Ion: 94 Resp: 70432

Ion Ratio Lower Upper

94 100

65 30.0 22.7 34.1

66 40.6 31.7 47.5



#10

2-Chlorophenol

Concen: 13.67 ng/ul

RT: 7.40 min Scan# 818

Delta R.T. -0.00 min

Lab File: BM005504.D

Acq: 19 May 2016 18:23

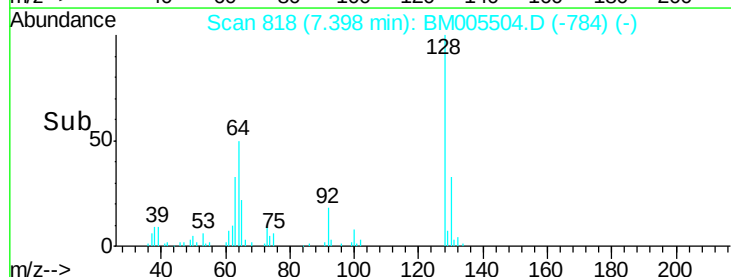
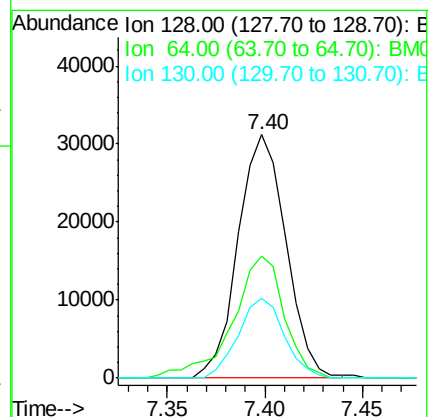
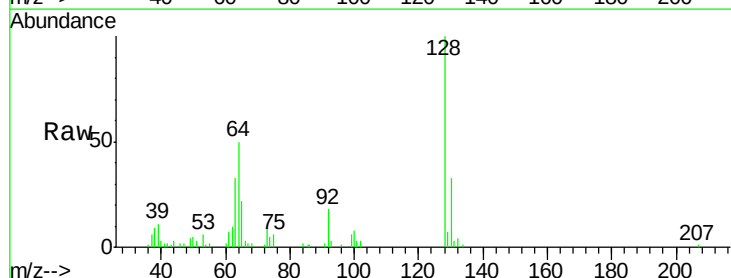
Tgt Ion: 128 Resp: 53104

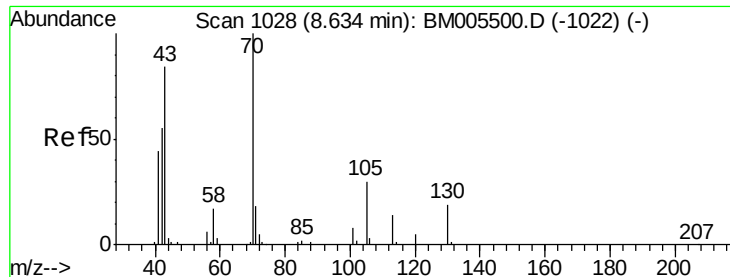
Ion Ratio Lower Upper

128 100

64 50.3 37.8 56.8

130 32.5 24.9 37.3

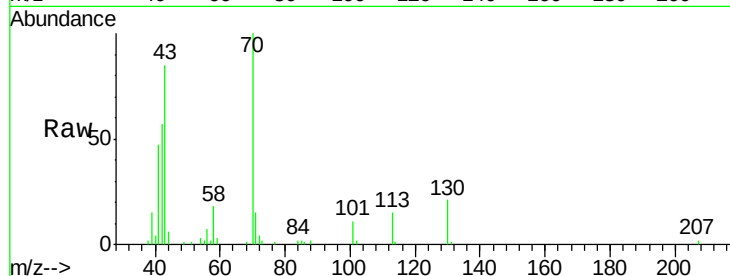




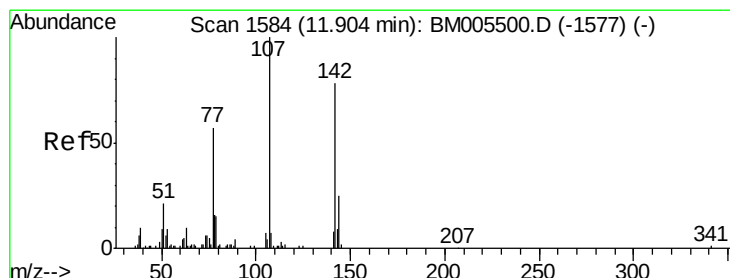
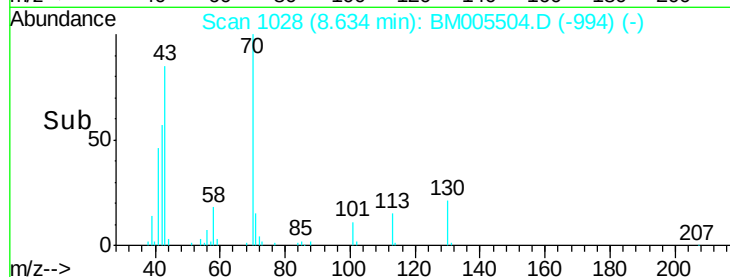
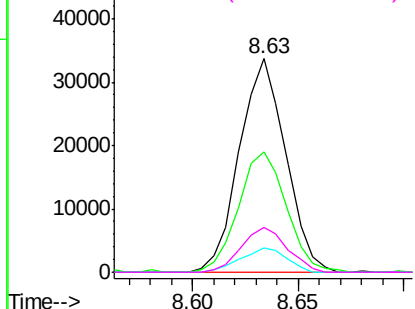
#15
N-Nitroso-di-n-propylamine
Concen: 14.37 ng/ul
RT: 8.63 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BM005504.D
Acq: 19 May 2016 18:23

Instrument :
BNA_M
ClientSampleId :
D9WS3MS

Tgt Ion:	70	Resp:	51251
Ion	Ratio	Lower	Upper
70	100		
42	56.6	42.8	64.2
101	11.2	7.8	11.6
130	21.0	15.7	23.5

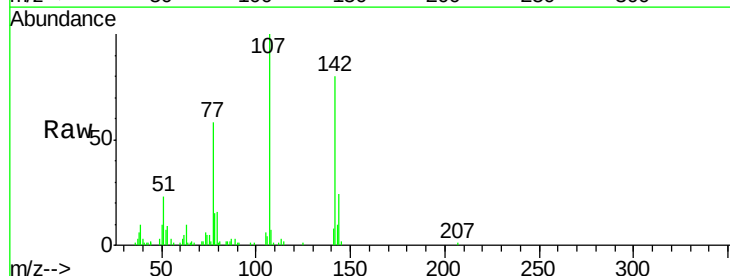


Abundance Ion 70.00 (69.70 to 70.70): BM005504.D (-1022) (-)
Ion 42.00 (41.70 to 42.70): BM005504.D (-1022) (-)
Ion 101.00 (100.70 to 101.70): BM005504.D (-1022) (-)
Ion 130.00 (129.70 to 130.70): BM005504.D (-1022) (-)

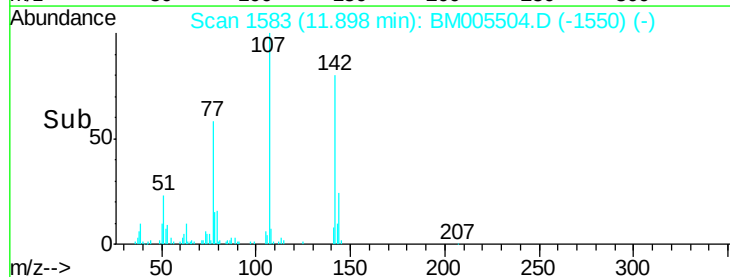
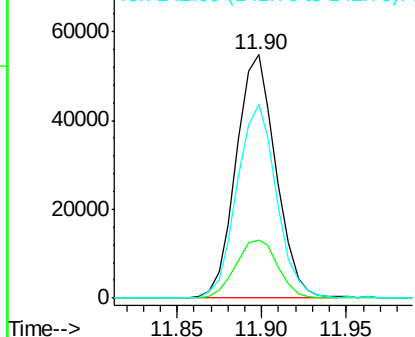


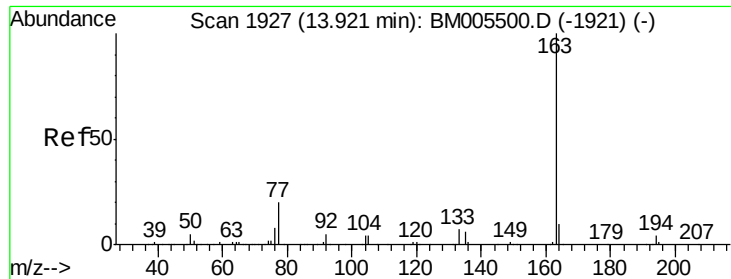
#33
4-Chloro-3-methylphenol
Concen: 16.67 ng/ul
RT: 11.90 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BM005504.D
Acq: 19 May 2016 18:23

Tgt Ion:	107	Resp:	89886
Ion	Ratio	Lower	Upper
107	100		
144	24.0	19.3	28.9
142	79.7	60.8	91.2



Abundance Ion 107.00 (106.70 to 107.70): BM005504.D (-1577) (-)
Ion 144.00 (143.70 to 144.70): BM005504.D (-1577) (-)
Ion 142.00 (141.70 to 142.70): BM005504.D (-1577) (-)





#44

Dimethylphthalate

Concen: 3.75 ng/ul

RT: 13.92 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BM005504.D

Acq: 19 May 2016 18:23

Instrument :

BNA_M

ClientSampleId :

D9WS3MS

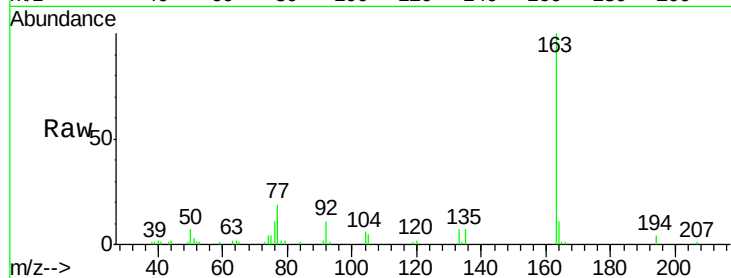
Tgt Ion:163 Resp: 63529

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

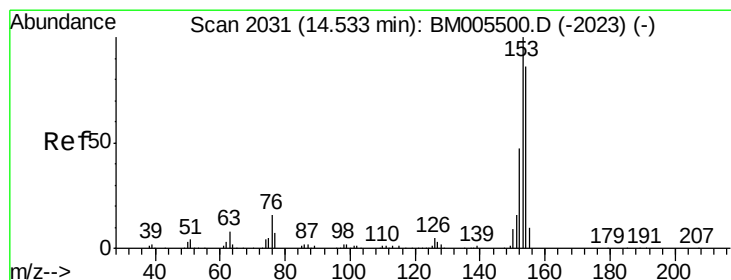
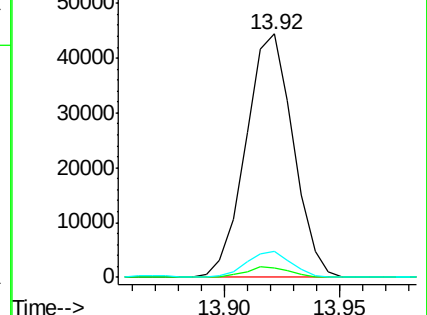
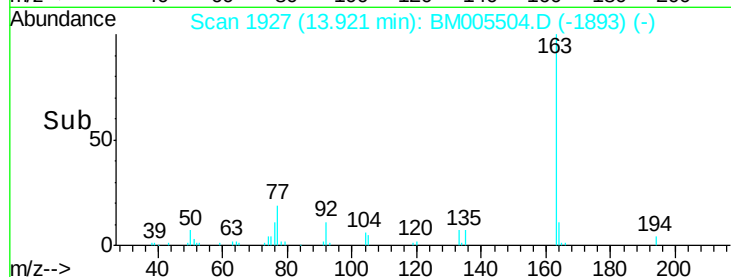
164 10.7 7.9 11.9



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: 14.94 ng/ul

RT: 14.53 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BM005504.D

Acq: 19 May 2016 18:23

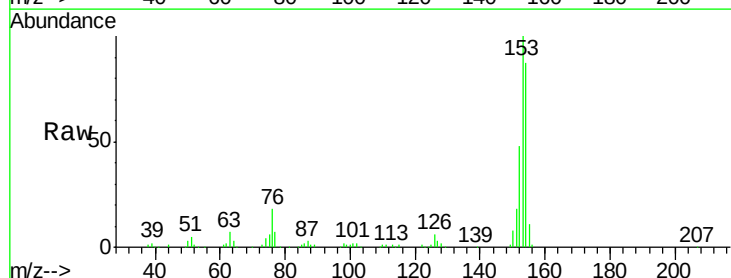
Tgt Ion:153 Resp: 207260

Ion Ratio Lower Upper

153 100

152 48.0 38.9 58.3

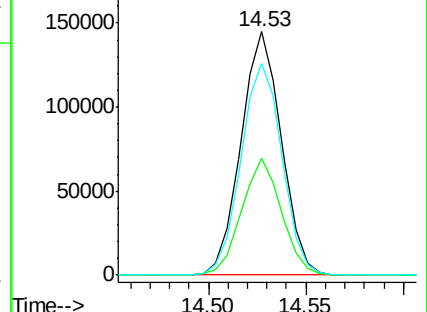
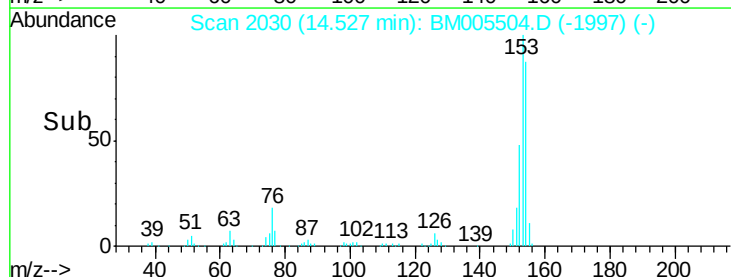
154 86.7 70.3 105.5

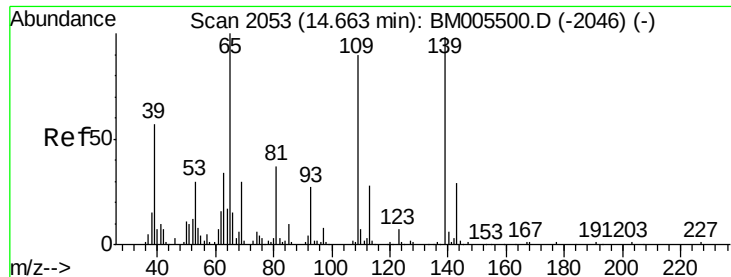


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.50 ng/ul

RT: 14.66 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BM005504.D

Acq: 19 May 2016 18:23

Instrument :

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ClientSampleId :

D9WS3MS

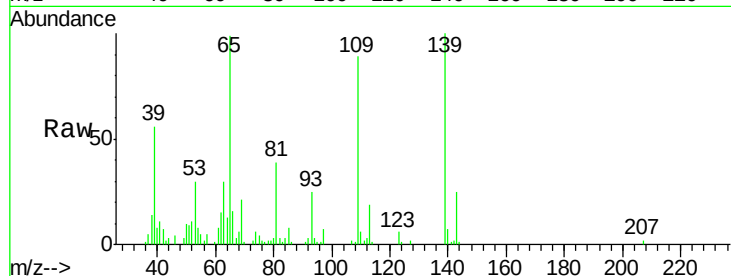
Tgt Ion:109 Resp: 56437

Ion Ratio Lower Upper

109 100

139 112.4 103.6 155.4

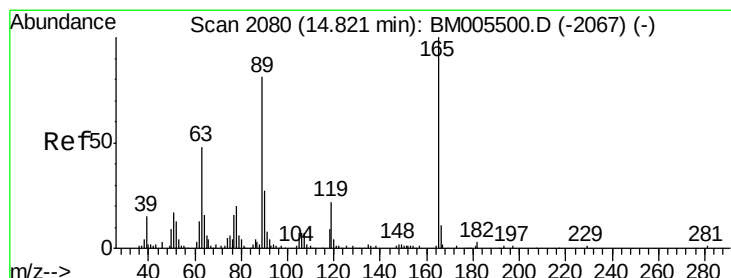
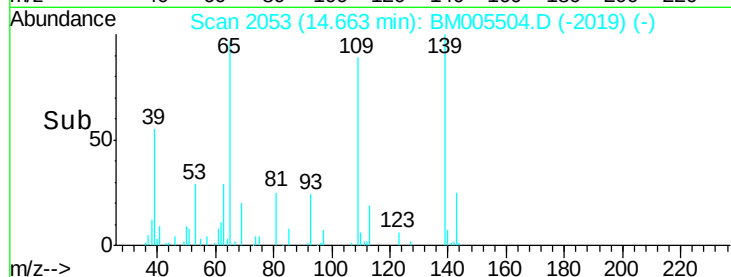
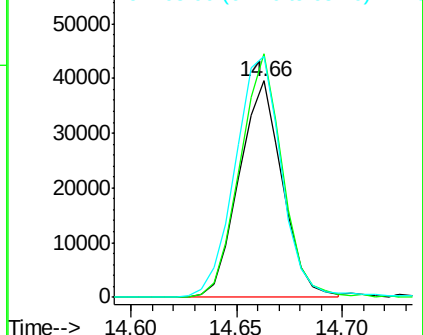
65 111.1 104.7 157.1



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: 15.89 ng/ul

RT: 14.82 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BM005504.D

Acq: 19 May 2016 18:23

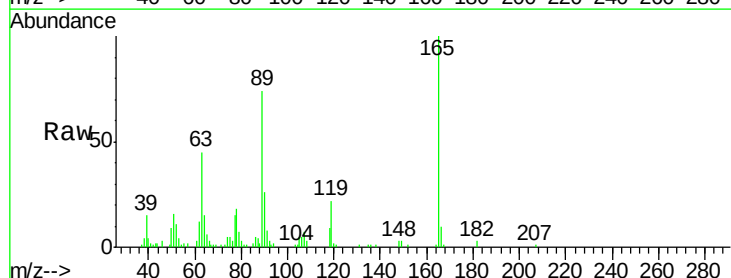
Tgt Ion:165 Resp: 78613

Ion Ratio Lower Upper

165 100

63 44.6 36.2 54.4

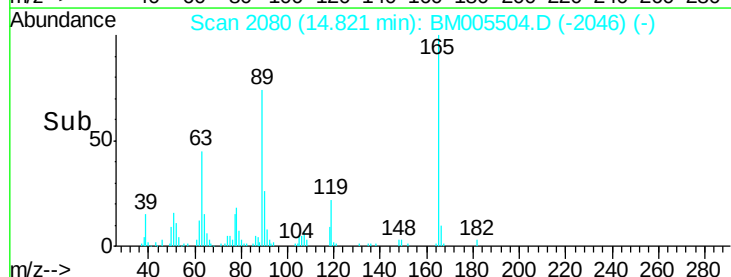
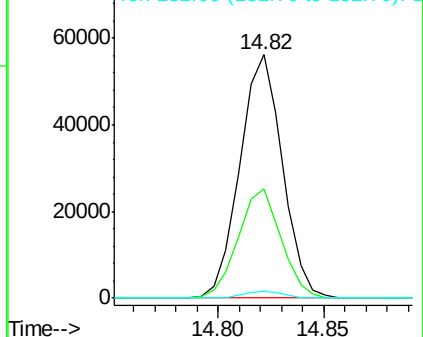
182 2.7 2.5 3.7

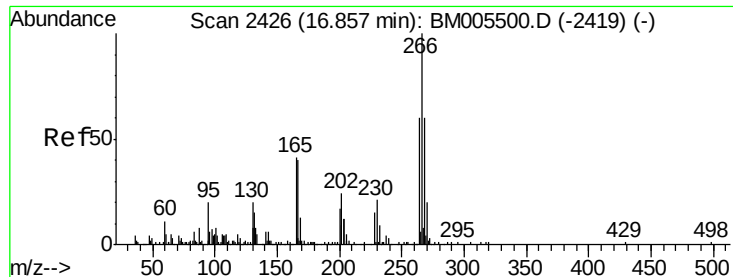


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 14.97 ng/ul

RT: 16.85 min Scan# 2425

Delta R.T. -0.01 min

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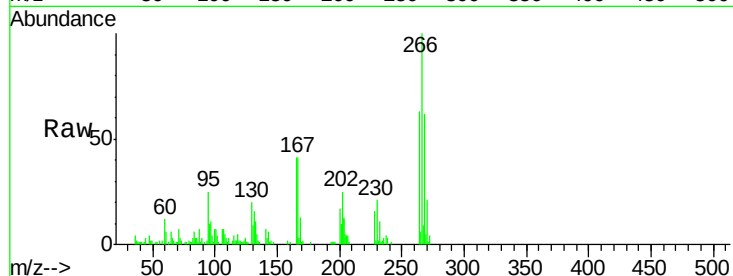
Tgt Ion:266 Resp: 66240

Ion Ratio Lower Upper

266 100

264 63.3 52.0 78.0

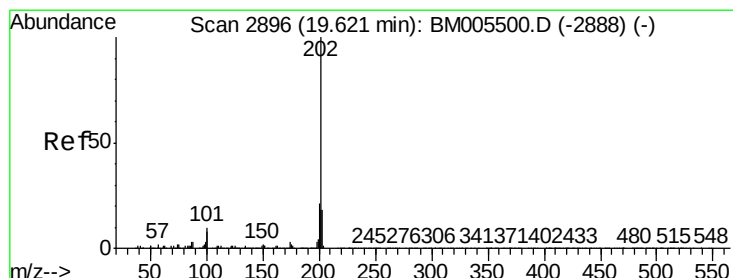
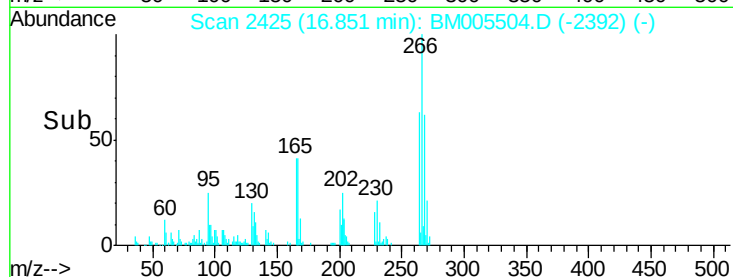
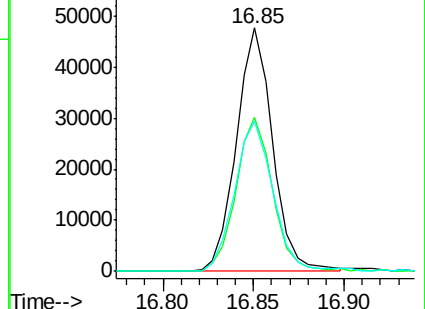
268 61.6 53.0 79.6



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: 15.86 ng/ul

RT: 19.62 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BM005504.D

Acq: 19 May 2016 18:23

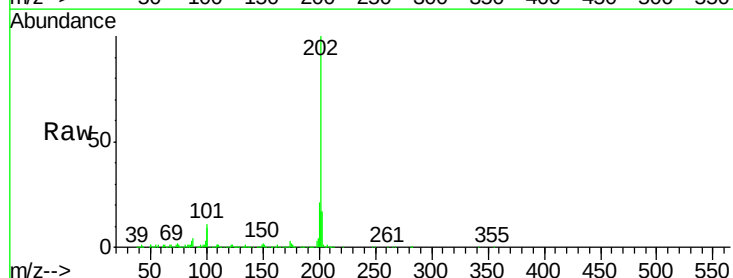
Tgt Ion:202 Resp: 818157

Ion Ratio Lower Upper

202 100

101 11.1 10.8 16.2

100 9.0 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

