

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
 Data File : BM005505.D
 Acq On : 19 May 2016 19:00
 Operator : UM/SJ
 Sample : H2841-08MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WS3MSD

Quant Time: May 20 01:02:01 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	7.83	152	32322	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	175436	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	133759	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	402251	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	777442	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	1075438	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	1767	2.10	ng/uL	0.00
5) Phenol-d5	6.99	99	50767	16.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	28860	16.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	37845	15.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	46412	17.55	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	20431	16.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	21389	15.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	46995	17.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	55181	17.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	195975	17.82	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	225317	17.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	44051	19.53	ng/ul	0.00
57) Fluorene-d10	15.46	176	184480	19.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	27176	12.82	ng/ul	0.00
70) Anthracene-d10	17.30	188	349926	18.91	ng/ul	0.00
76) Pyrene-d10	19.59	212	532343	17.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	924795	19.23	ng/ul	0.00

Target Compounds

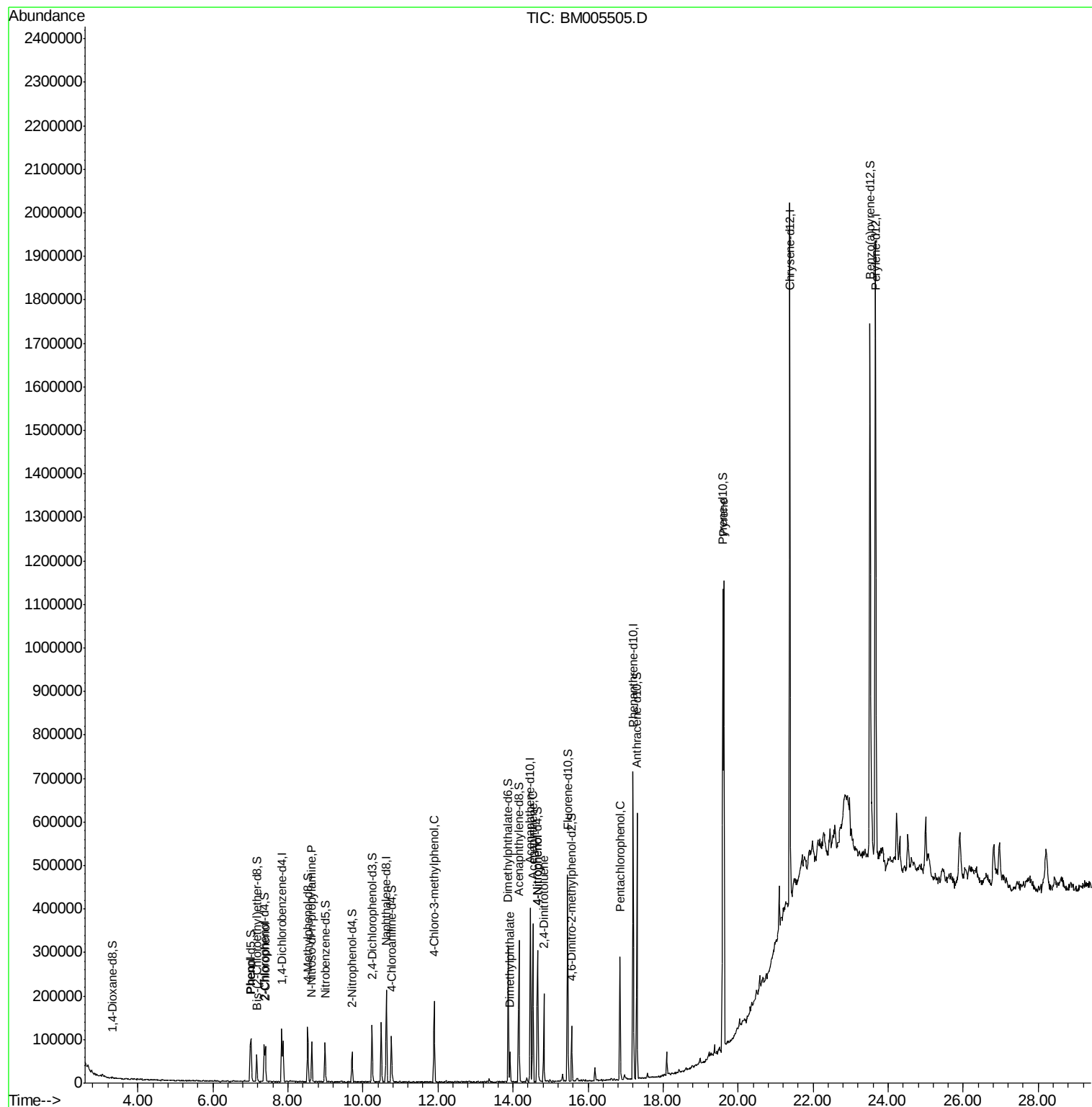
						Qvalue
6) Phenol	7.02	94	50194	15.38	ng/ul	93
10) 2-Chlorophenol	7.40	128	36527	14.89	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.63	70	34239	15.20	ng/ul	96
33) 4-Chloro-3-methylphenol	11.90	107	61214	17.92	ng/ul	96
44) Dimethylphthalate	13.92	163	42905	3.83	ng/ul	100
49) Acenaphthene	14.53	153	142224	15.49	ng/ul	98
52) 4-Nitrophenol	14.66	109	42542	21.07	ng/ul	79
54) 2,4-Dinitrotoluene	14.82	165	53593	16.36	ng/ul	98
68) Pentachlorophenol	16.85	266	48184	15.82	ng/ul	96
77) Pyrene	19.62	202	647856	15.55	ng/ul	95

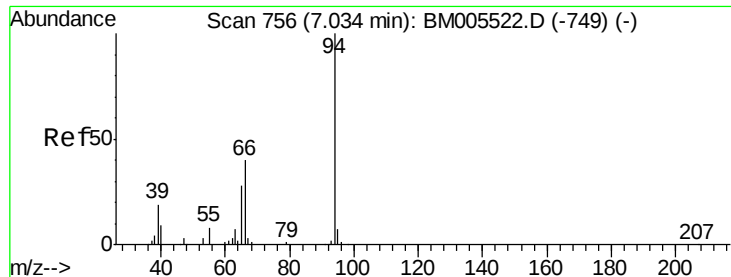
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 01:00:58 2016
Response via : Initial Calibration





#6

Phenol

Concen: 15.38 ng/ul

RT: 7.02 min Scan# 754

Delta R.T. -0.00 min

Lab File: BM005505.D

Acq: 19 May 2016 19:00

Instrument :

BNA_M

ClientSampleId :

D9WS3MSD

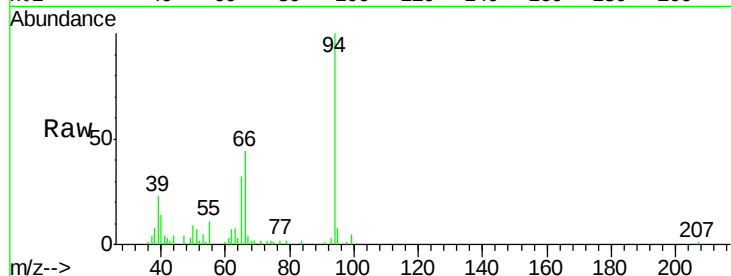
Tgt Ion: 94 Resp: 50194

Ion Ratio Lower Upper

94 100

65 31.5 22.7 34.1

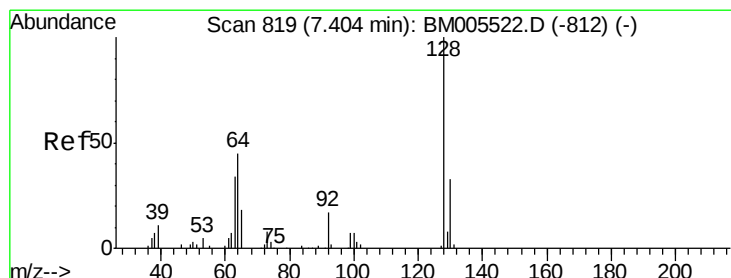
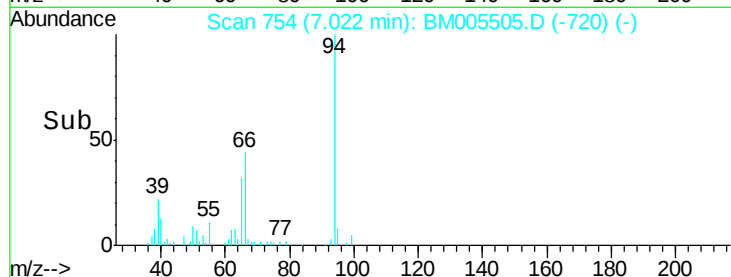
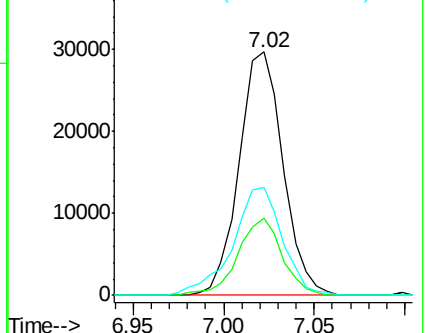
66 44.2 31.7 47.5



Abundance Ion 94.00 (93.70 to 94.70): BM005522.D (-749) (-)

Ion 65.00 (64.70 to 65.70): BM005522.D (-749) (-)

Ion 66.00 (65.70 to 66.70): BM005522.D (-749) (-)



#10

2-Chlorophenol

Concen: 14.89 ng/ul

RT: 7.40 min Scan# 818

Delta R.T. -0.00 min

Lab File: BM005505.D

Acq: 19 May 2016 19:00

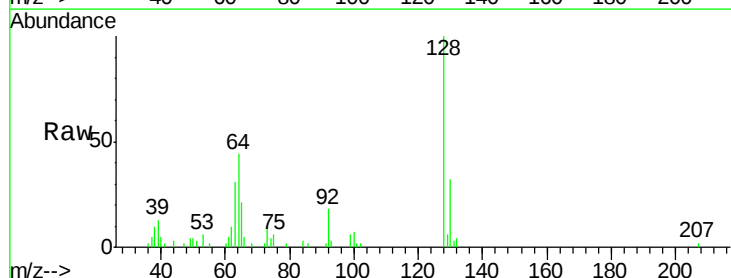
Tgt Ion: 128 Resp: 36527

Ion Ratio Lower Upper

128 100

64 43.8 37.8 56.8

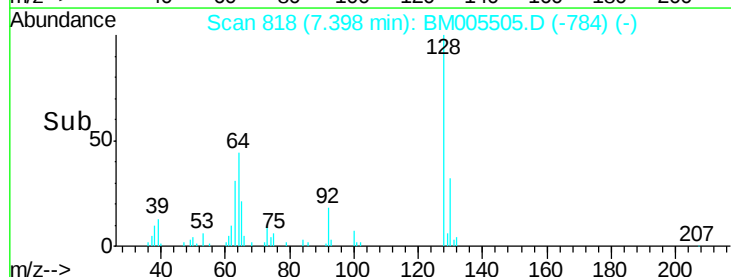
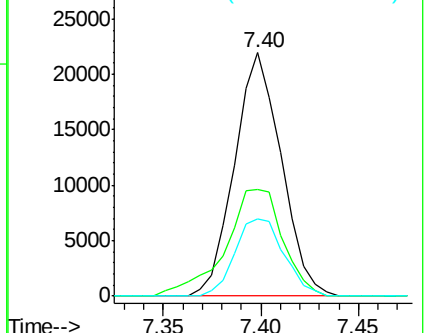
130 31.7 24.9 37.3

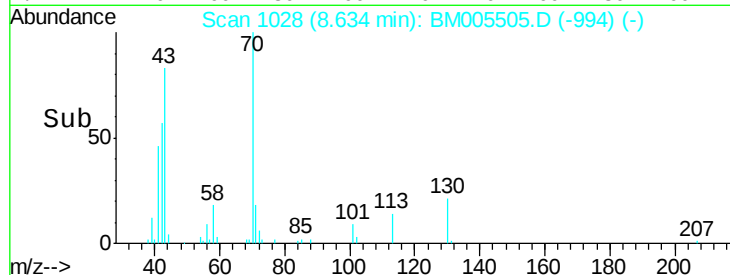
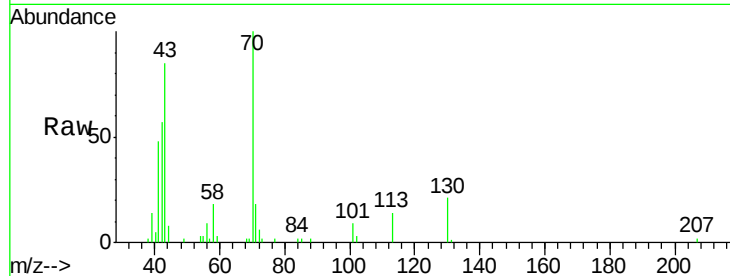
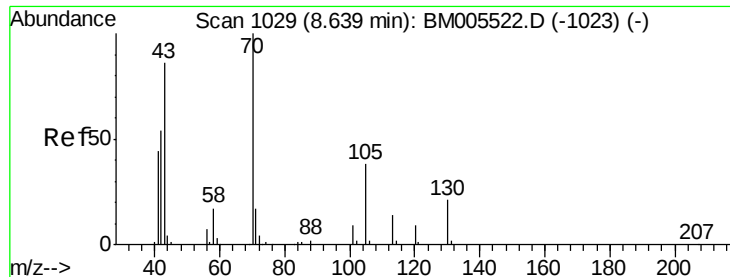


Abundance Ion 128.00 (127.70 to 128.70): BM005522.D (-812) (-)

Ion 64.00 (63.70 to 64.70): BM005522.D (-812) (-)

Ion 130.00 (129.70 to 130.70): BM005522.D (-812) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 15.20 ng/ul

RT: 8.63 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BM005505.D

Acq: 19 May 2016 19:00

Instrument :

BNA_M

ClientSampleId :

D9WS3MSD

Tgt Ion: 70 Resp: 34239

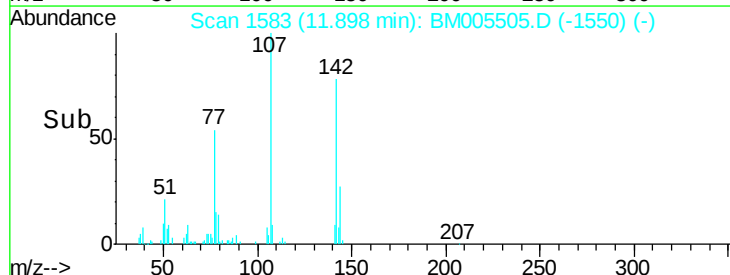
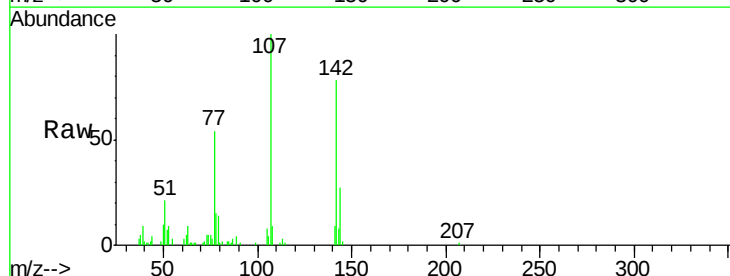
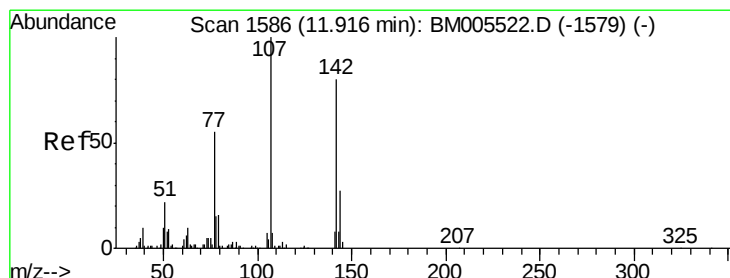
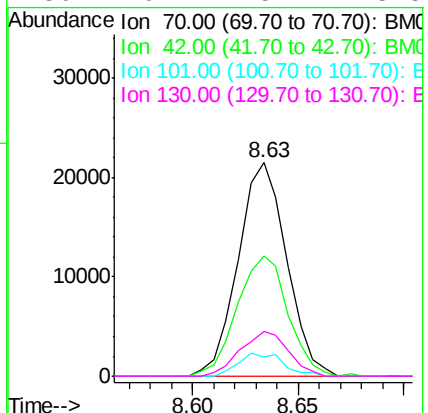
Ion Ratio Lower Upper

70 100

42 56.6 42.8 64.2

101 9.2 7.8 11.6

130 20.7 15.7 23.5



#33

4-Chloro-3-methylphenol

Concen: 17.92 ng/ul

RT: 11.90 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BM005505.D

Acq: 19 May 2016 19:00

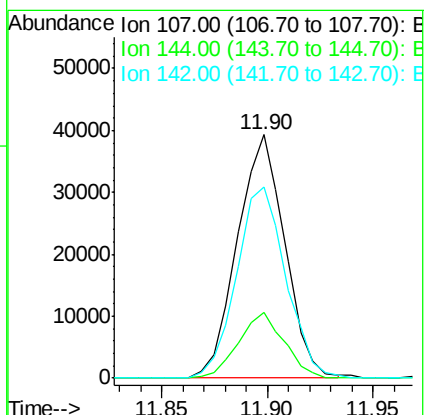
Tgt Ion: 107 Resp: 61214

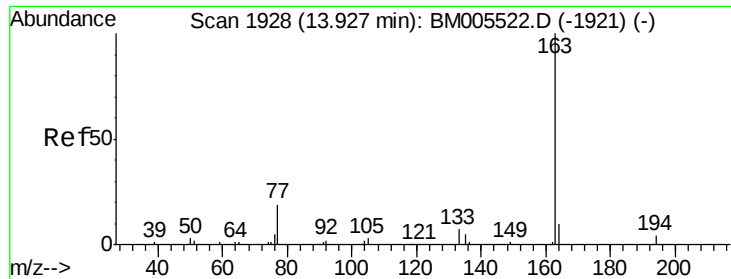
Ion Ratio Lower Upper

107 100

144 26.9 19.3 28.9

142 78.5 60.8 91.2

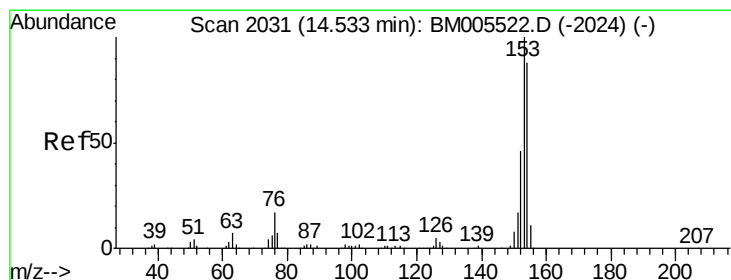
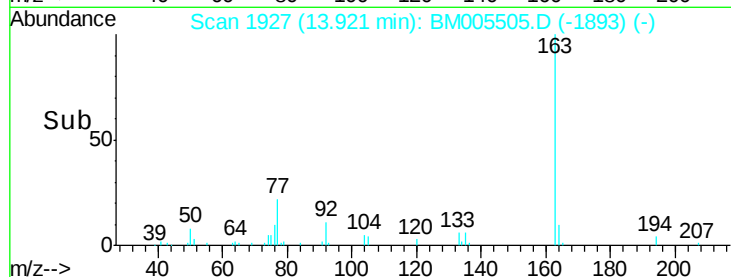
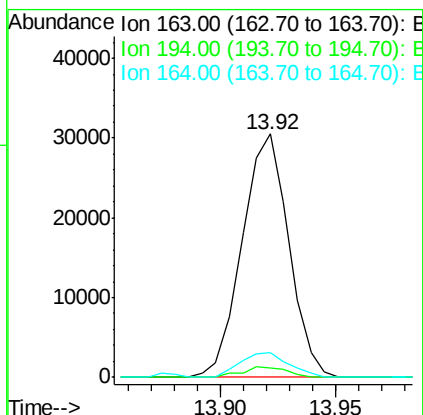
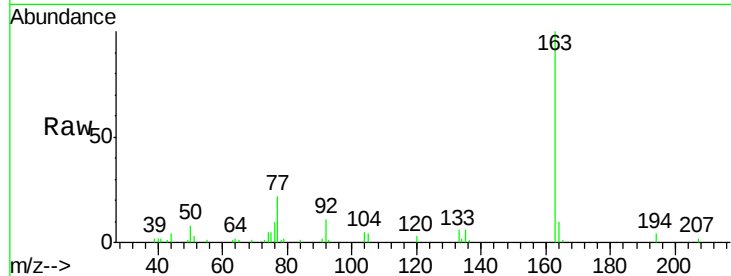




#44
Dimethylphthalate
Concen: 3.83 ng/ul
RT: 13.92 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BM005505.D
Acq: 19 May 2016 19:00

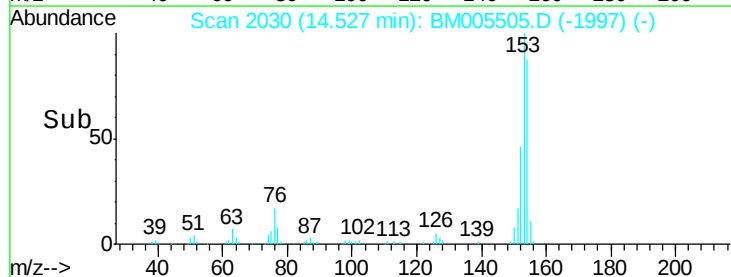
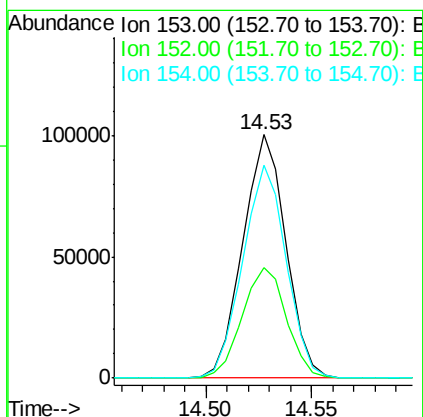
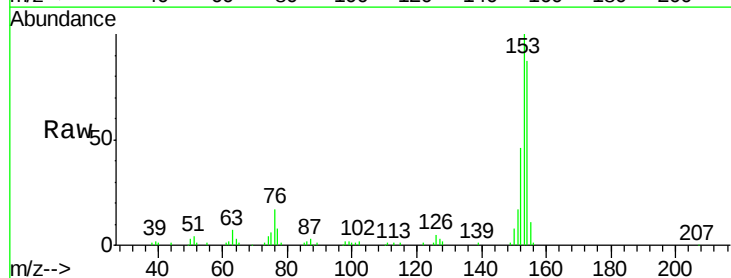
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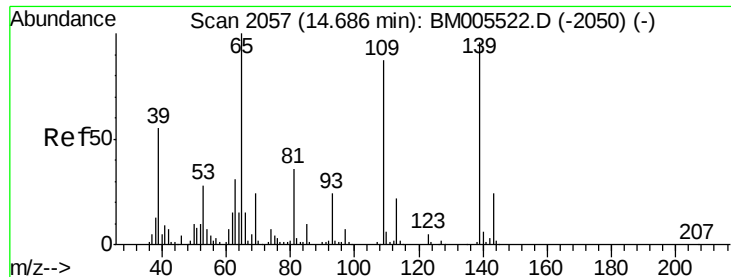
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.9	7.9	11.9



#49
Acenaphthene
Concen: 15.49 ng/ul
RT: 14.53 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BM005505.D
Acq: 19 May 2016 19:00

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.6	38.9	58.3
154	87.3	70.3	105.5

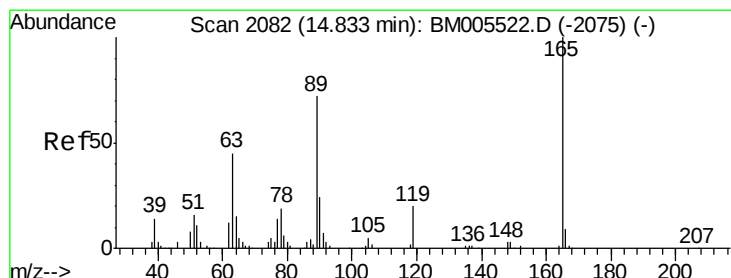
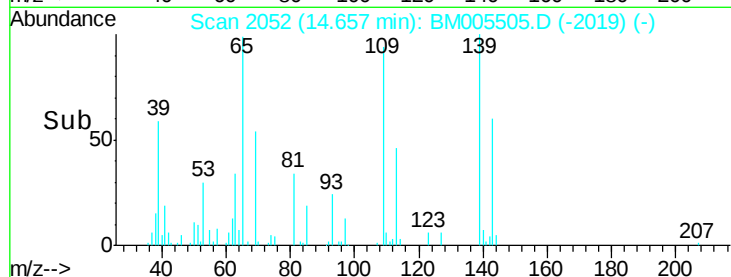
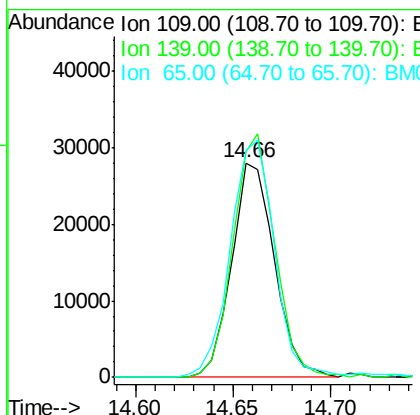
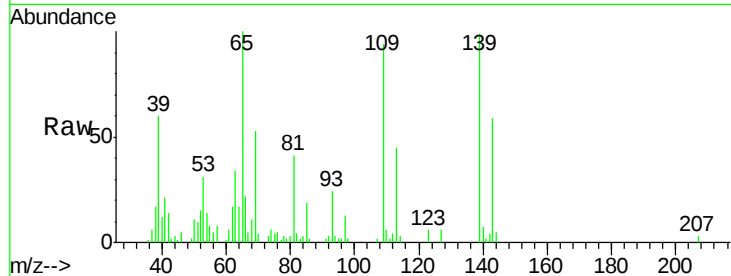




#52
4-Nitrophenol
Concen: 21.07 ng/ul
RT: 14.66 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BM005505.D
Acq: 19 May 2016 19:00

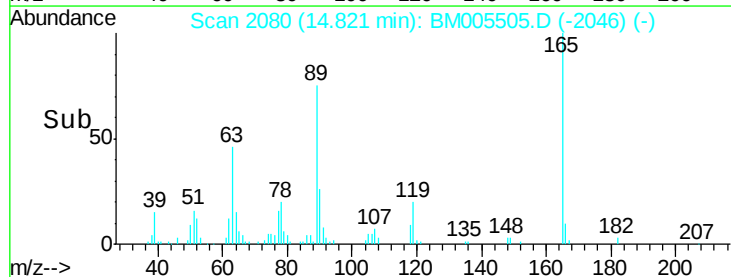
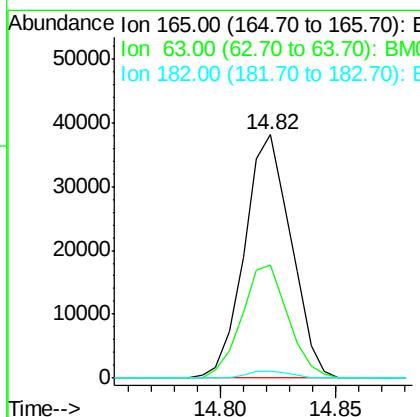
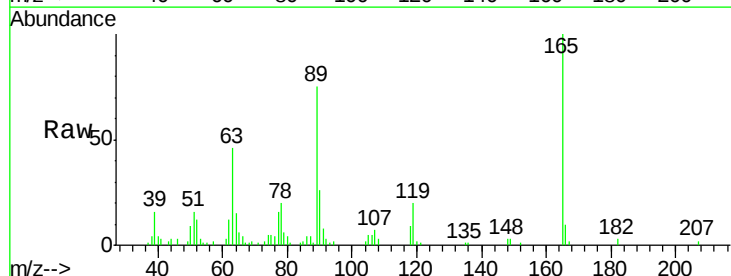
Instrument :
BNA_M
ClientSampleId :
D9WS3MSD

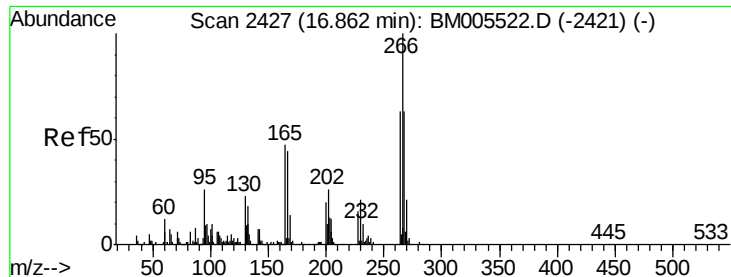
Tgt Ion:109 Resp: 42542
Ion Ratio Lower Upper
109 100
139 105.0 103.6 155.4
65 106.0 104.7 157.1



#54
2,4-Dinitrotoluene
Concen: 16.36 ng/ul
RT: 14.82 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BM005505.D
Acq: 19 May 2016 19:00

Tgt Ion:165 Resp: 53593
Ion Ratio Lower Upper
165 100
63 46.4 36.2 54.4
182 2.7 2.5 3.7

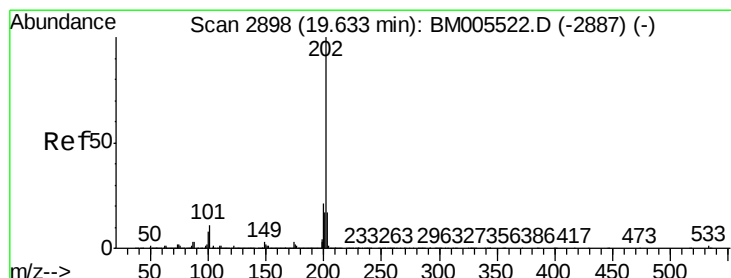
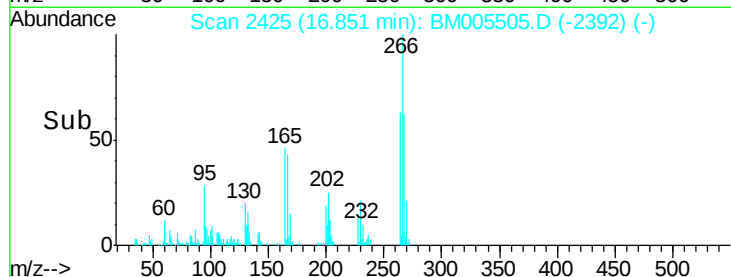
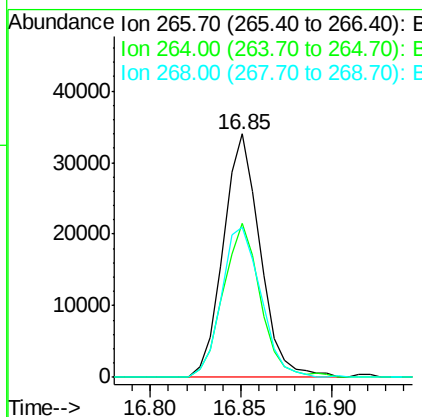
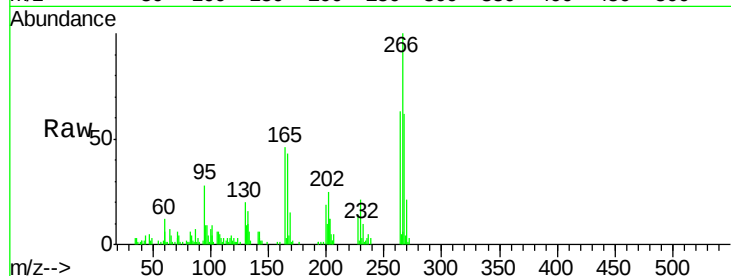




#68
 Pentachlorophenol
 Concen: 15.82 ng/ul
 RT: 16.85 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BM005505.D
 Acq: 19 May 2016 19:00

Instrument :
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Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.5	52.0	78.0
268	61.6	53.0	79.6



#77
 Pyrene
 Concen: 15.55 ng/ul
 RT: 19.62 min Scan# 2896
 Delta R.T. -0.00 min
 Lab File: BM005505.D
 Acq: 19 May 2016 19:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	10.8	16.2
100	8.9	8.4	12.6

