

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
 Data File : BM005517.D
 Acq On : 20 May 2016 02:46
 Operator : UM/SJ
 Sample : H2890-13MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT7MSD

Quant Time: May 20 04:19:17 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	185055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	937255	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	634980	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1587692	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2043123	20.00	ng/ul	0.02
83) Perylene-d12	23.70	264	2142839	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	5586	1.16	ng/uL	0.00
5) Phenol-d5	7.00	99	238309	13.40	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	117437	12.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	185381	13.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	207777	13.72	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	94312	13.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	109397	14.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	226605	15.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	64921	3.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	786163	15.06	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	996701	16.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	133262	12.44	ng/ul	0.02
57) Fluorene-d10	15.46	176	774104	16.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	72987	8.72	ng/ul	0.00
70) Anthracene-d10	17.30	188	1272425	17.42	ng/ul	0.00
76) Pyrene-d10	19.60	212	1417298	17.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	1653673	17.26	ng/ul	0.03

Target Compounds

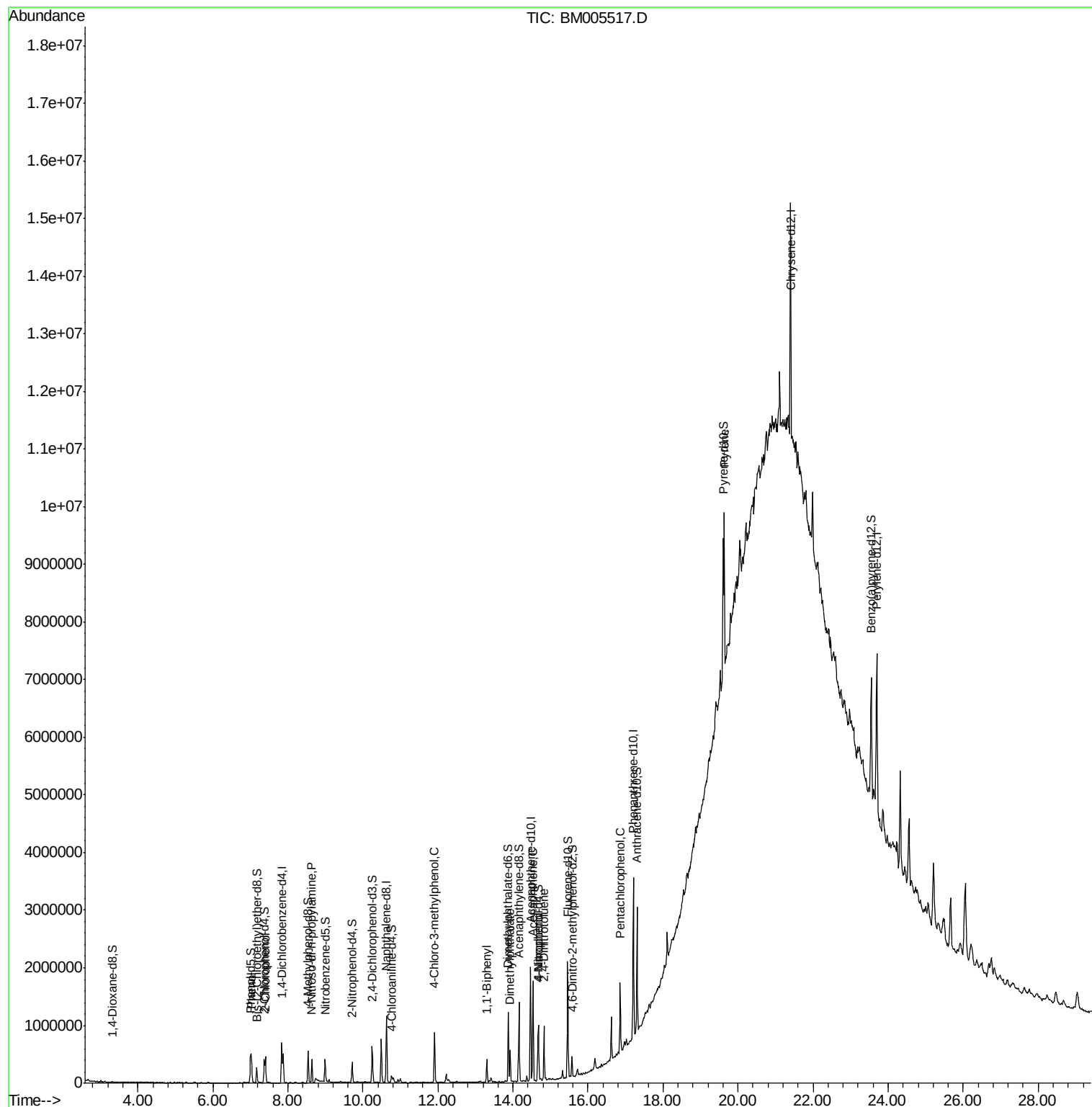
						Qvalue
6) Phenol	7.03	94	260048	13.92	ng/ul	96
10) 2-Chlorophenol	7.40	128	194788	13.87	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.64	70	146006	11.32	ng/ul	97
33) 4-Chloro-3-methylphenol	11.90	107	296436	16.24	ng/ul	99
40) 1,1'-Biphenyl	13.30	154	203395	4.00	ng/ul	99
44) Dimethylphthalate	13.92	163	347034	6.52	ng/ul	99
49) Acenaphthene	14.53	153	706772	16.21	ng/ul	99
52) 4-Nitrophenol	14.68	109	142968	14.91	ng/ul#	79
54) 2,4-Dinitrotoluene	14.83	165	252284	16.23	ng/ul	97
68) Pentachlorophenol	16.86	266	213790	17.78	ng/ul	97
77) Pyrene	19.63	202	1879592	17.17	ng/ul#	90

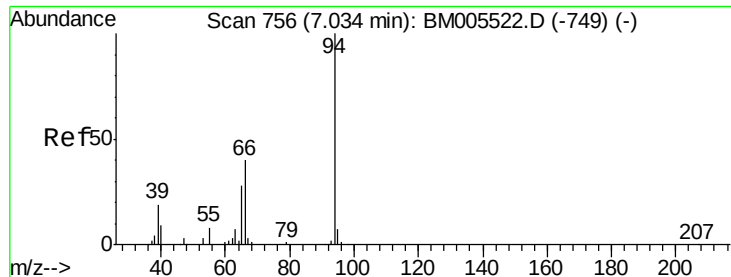
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 13.92 ng/ul

RT: 7.03 min Scan# 755

Delta R.T. 0.01 min

Lab File: BM005517.D

Acq: 20 May 2016 02:46

Instrument :

BNA_M

ClientSampleId :

D9WT7MSD

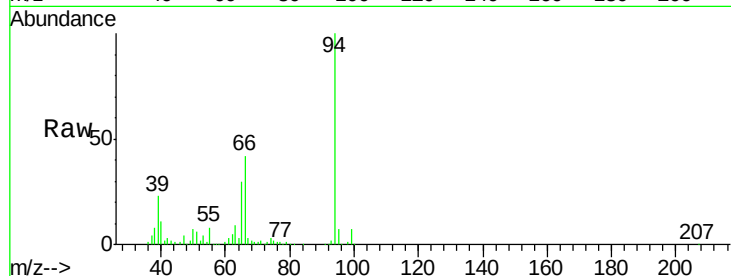
Tgt Ion: 94 Resp: 260048

Ion Ratio Lower Upper

94 100

65 30.3 22.7 34.1

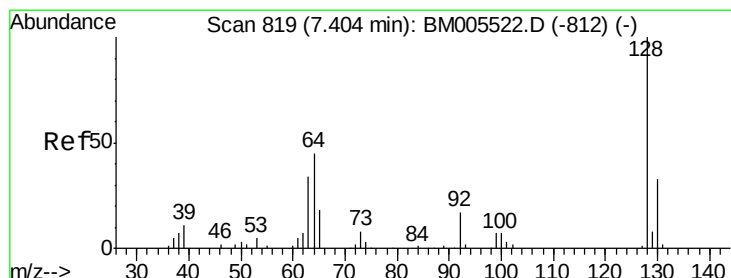
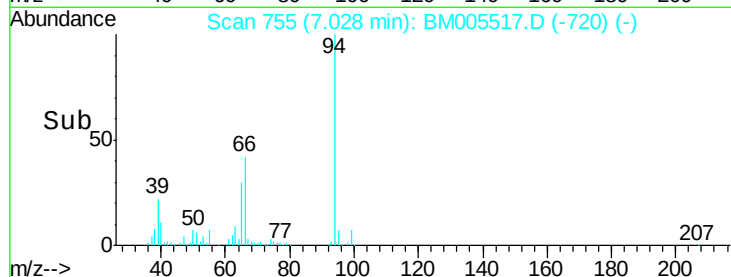
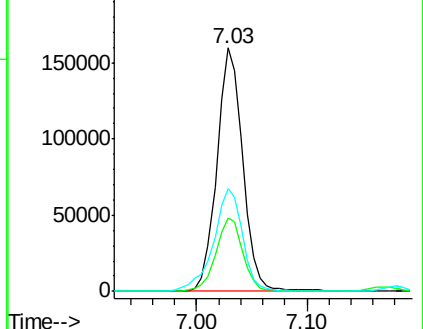
66 42.1 31.7 47.5



Abundance Ion 94.00 (93.70 to 94.70): BM005517.D (-720) (-)

Ion 65.00 (64.70 to 65.70): BM005517.D (-720) (-)

Ion 66.00 (65.70 to 66.70): BM005517.D (-720) (-)



#10

2-Chlorophenol

Concen: 13.87 ng/ul

RT: 7.40 min Scan# 819

Delta R.T. 0.01 min

Lab File: BM005517.D

Acq: 20 May 2016 02:46

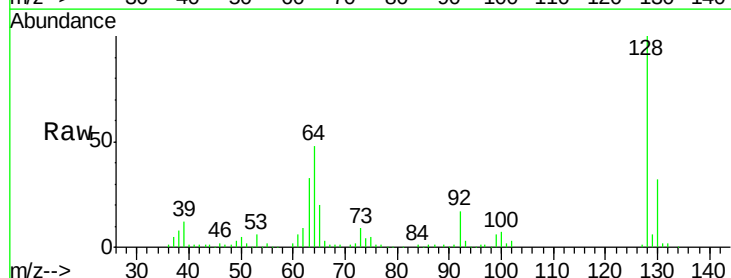
Tgt Ion: 128 Resp: 194788

Ion Ratio Lower Upper

128 100

64 47.8 37.8 56.8

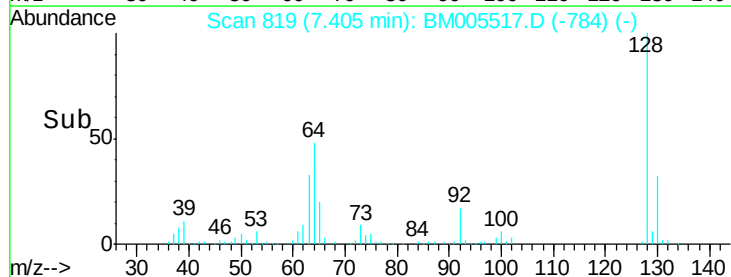
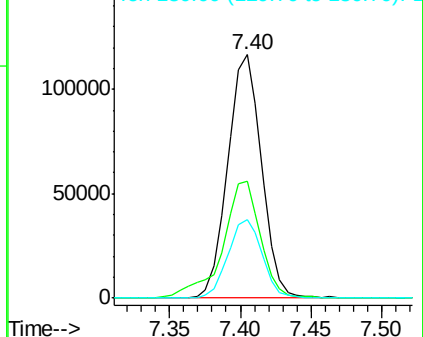
130 32.3 24.9 37.3

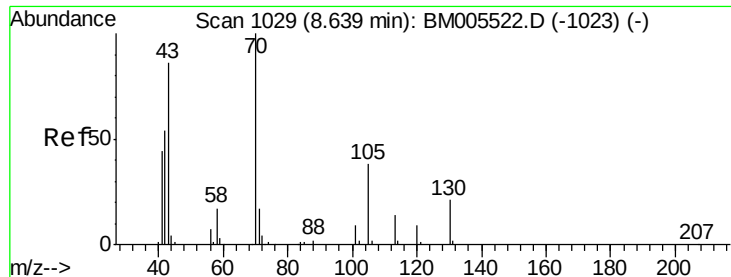


Abundance Ion 128.00 (127.70 to 128.70): BM005517.D (-784) (-)

Ion 64.00 (63.70 to 64.70): BM005517.D (-784) (-)

Ion 130.00 (129.70 to 130.70): BM005517.D (-784) (-)

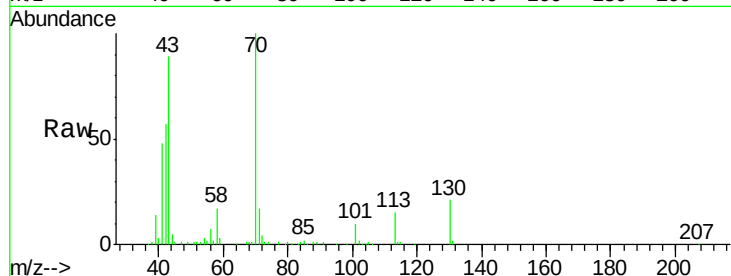




#15
N-Nitroso-di-n-propylamine
Concen: 11.32 ng/ul
RT: 8.64 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BM005517.D
Acq: 20 May 2016 02:46

Instrument :
BNA_M
ClientSampleId :
D9WT7MSD

Tgt Ion:	70	Resp:	146006
Ion	Ratio	Lower	Upper
70	100		
42	56.5	42.8	64.2
101	9.7	7.8	11.6
130	20.9	15.7	23.5

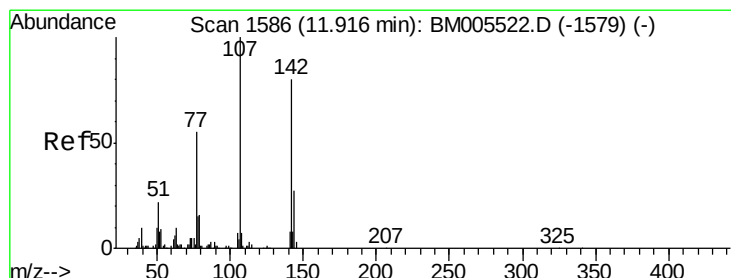
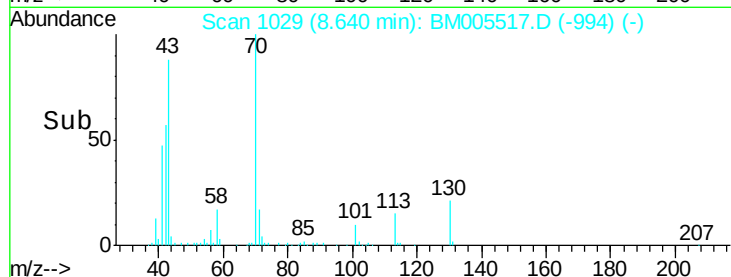
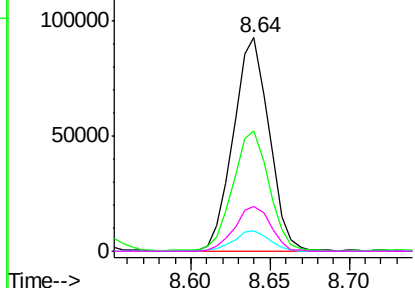


Abundance Ion 70.00 (69.70 to 70.70): BM005517.D (-994) (-)

Ion 42.00 (41.70 to 42.70): BM005517.D (-994) (-)

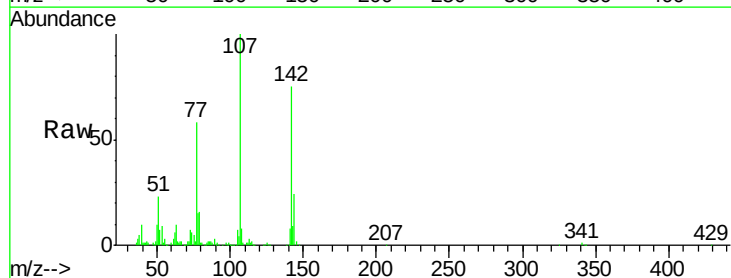
Ion 101.00 (100.70 to 101.70): BM005517.D (-994) (-)

Ion 130.00 (129.70 to 130.70): BM005517.D (-994) (-)



#33
4-Chloro-3-methylphenol
Concen: 16.24 ng/ul
RT: 11.90 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BM005517.D
Acq: 20 May 2016 02:46

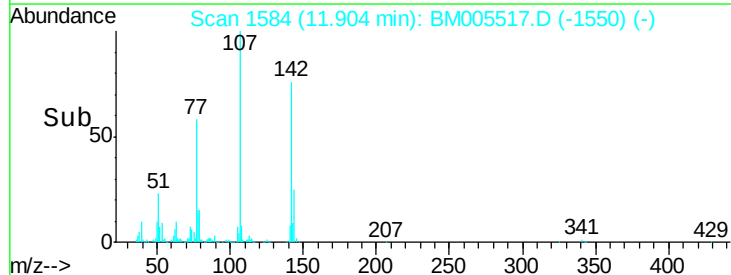
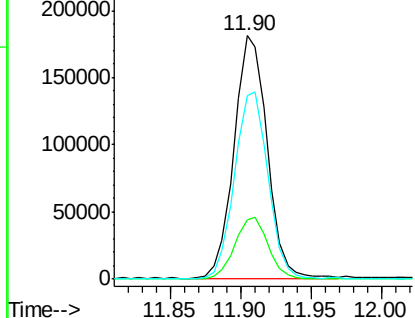
Tgt Ion:	107	Resp:	296436
Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.3	28.9
142	75.5	60.8	91.2

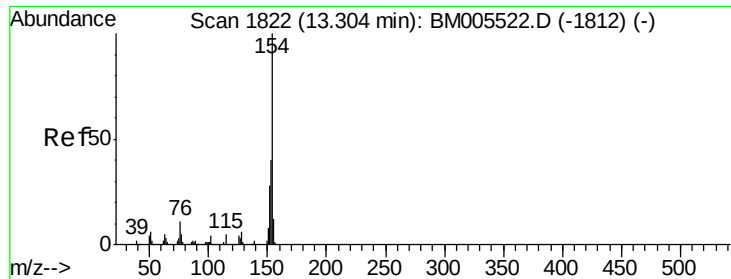


Abundance Ion 107.00 (106.70 to 107.70): BM005517.D (-1550) (-)

Ion 144.00 (143.70 to 144.70): BM005517.D (-1550) (-)

Ion 142.00 (141.70 to 142.70): BM005517.D (-1550) (-)

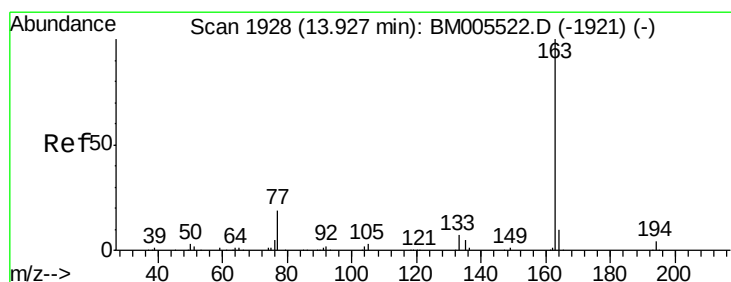
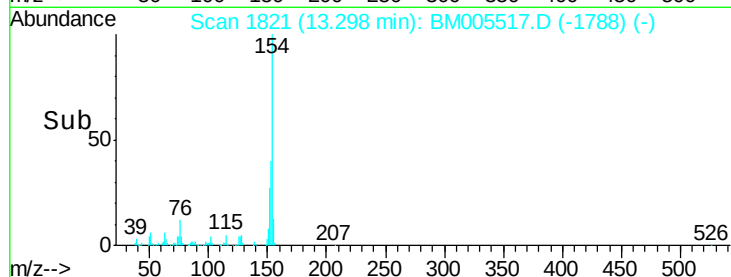
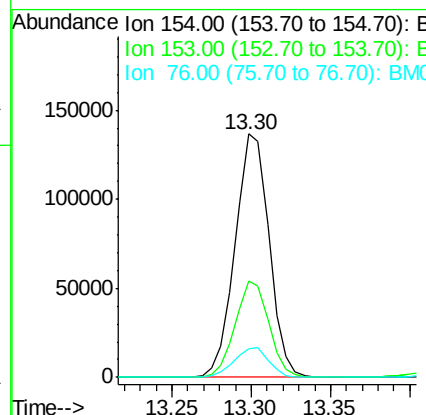
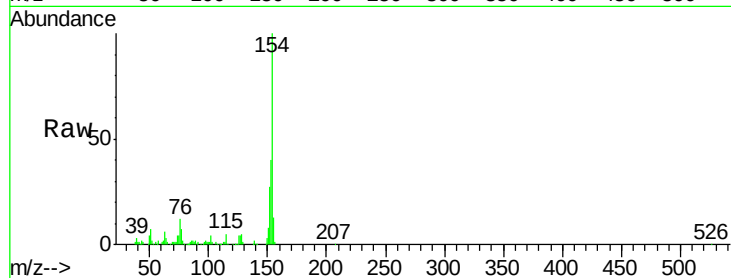




#40
 1,1'-Biphenyl
 Concen: 4.00 ng/ul
 RT: 13.30 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BM005517.D
 Acq: 20 May 2016 02:46

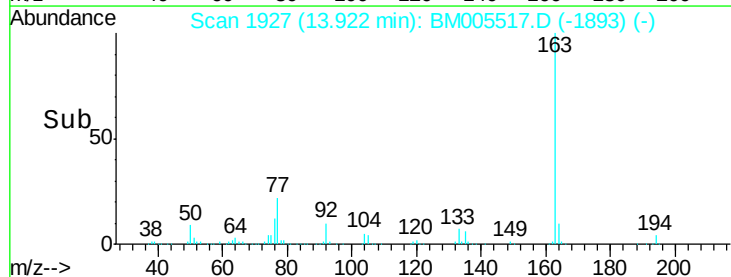
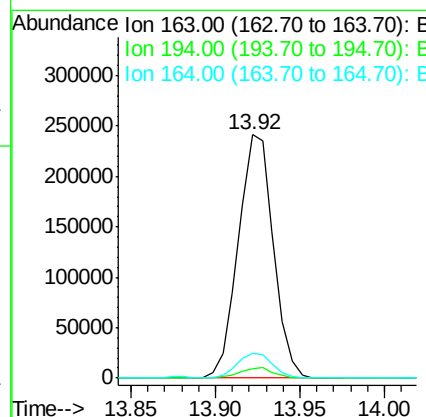
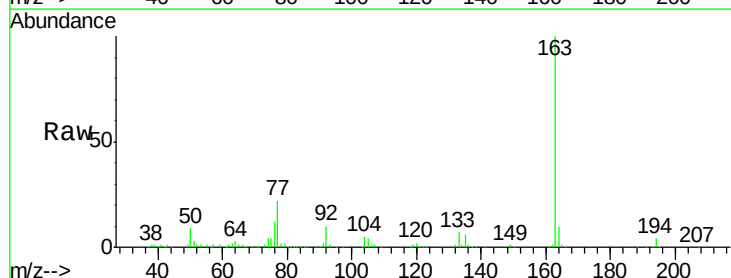
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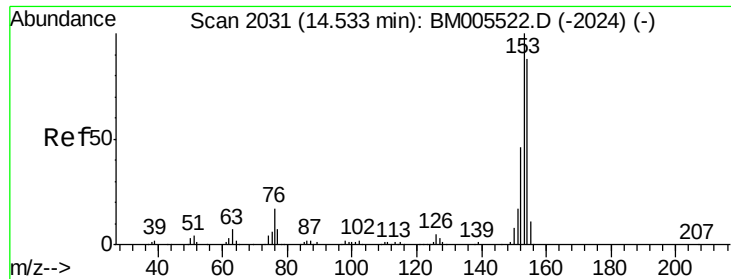
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	32.1	48.1
76	12.0	10.6	15.8



#44
 Dimethylphthalate
 Concen: 6.52 ng/ul
 RT: 13.92 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: BM005517.D
 Acq: 20 May 2016 02:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.4	7.9	11.9





#49

Acenaphthene

Concen: 16.21 ng/ul

RT: 14.53 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BM005517.D

Acq: 20 May 2016 02:46

Instrument :

BNA_M

ClientSampleId :

D9WT7MSD

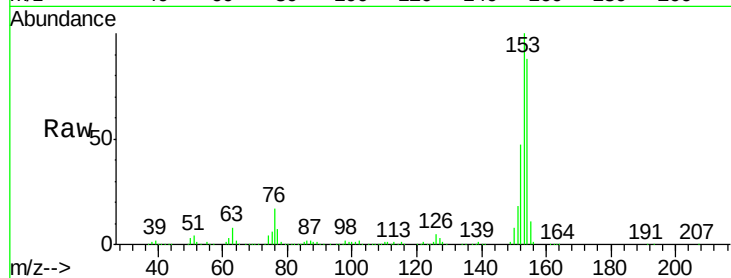
Tgt Ion:153 Resp: 706772

Ion Ratio Lower Upper

153 100

152 46.8 38.9 58.3

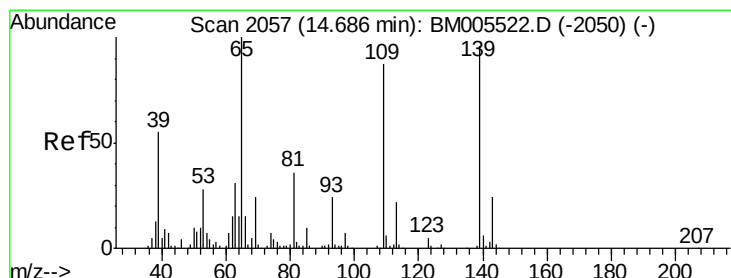
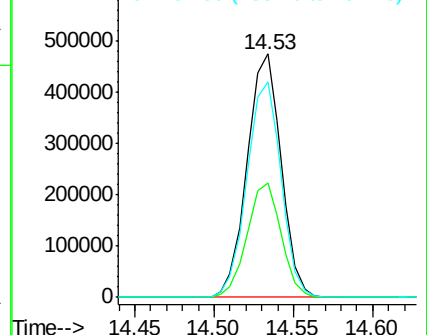
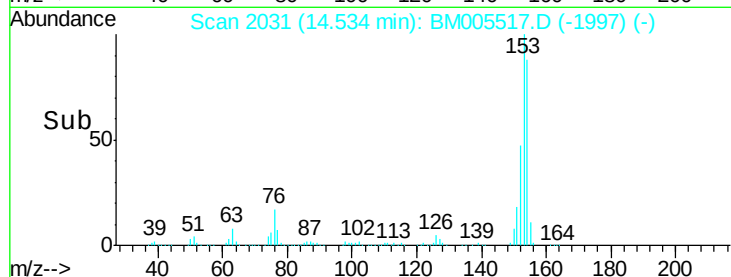
154 88.5 70.3 105.5



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: 14.91 ng/ul

RT: 14.68 min Scan# 2056

Delta R.T. 0.02 min

Lab File: BM005517.D

Acq: 20 May 2016 02:46

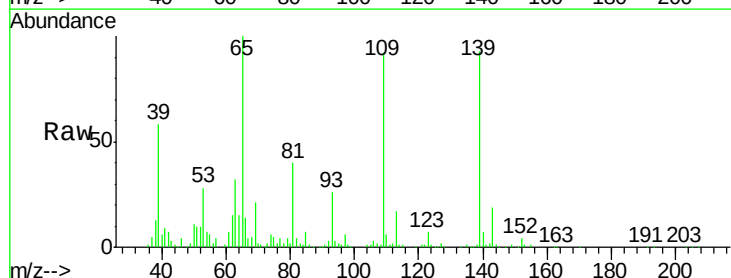
Tgt Ion:109 Resp: 142968

Ion Ratio Lower Upper

109 100

139 101.9 103.6 155.4#

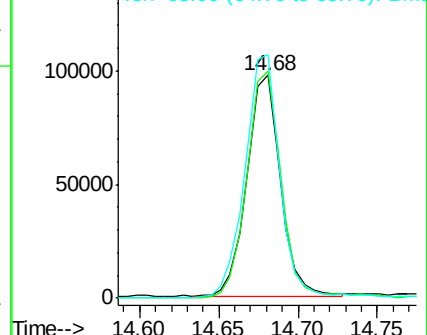
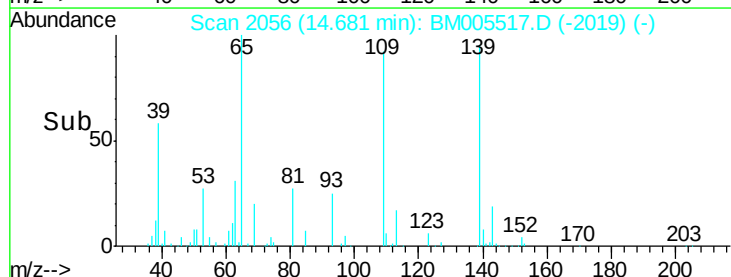
65 109.1 104.7 157.1

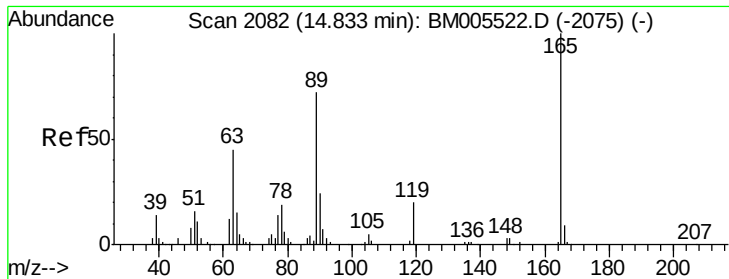


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

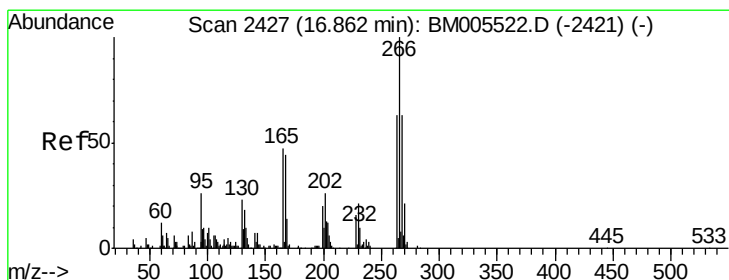
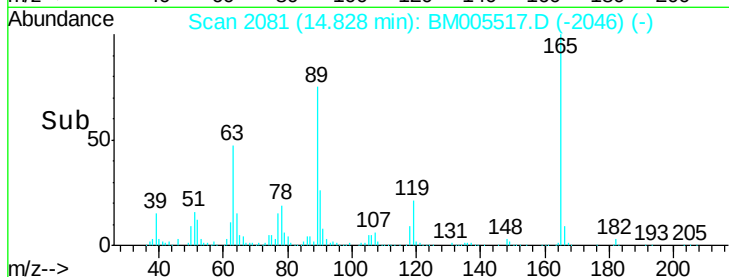
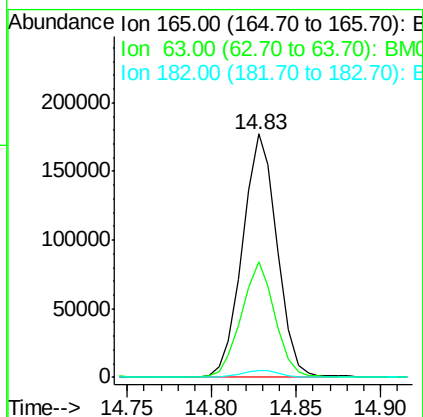
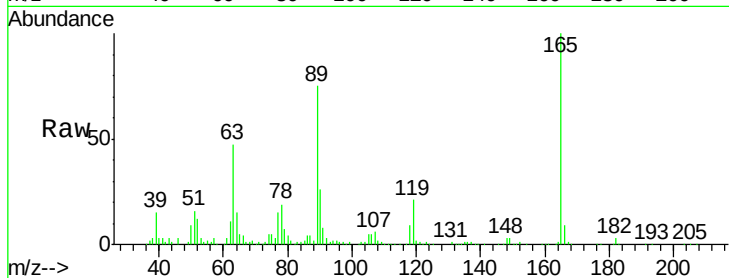




#54
 2,4-Dinitrotoluene
 Concen: 16.23 ng/ul
 RT: 14.83 min Scan# 2081
 Delta R.T. 0.01 min
 Lab File: BM005517.D
 Acq: 20 May 2016 02:46

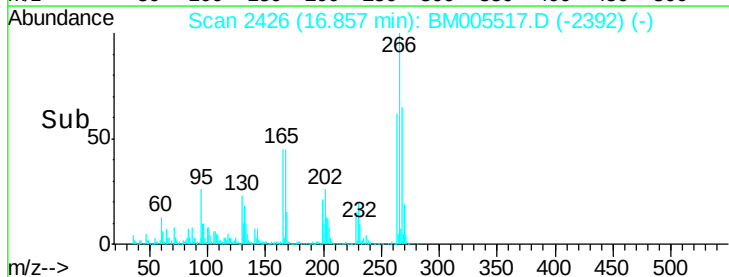
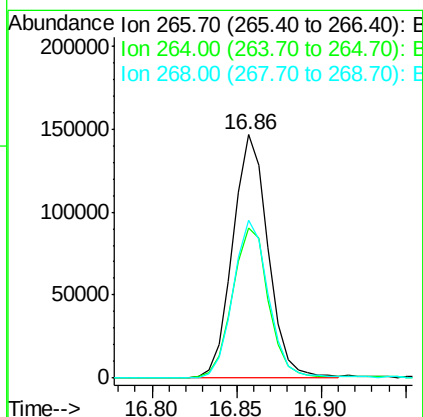
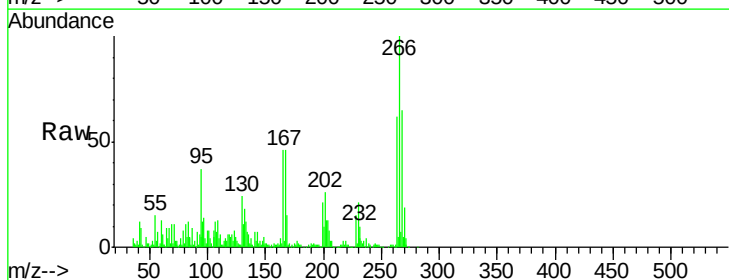
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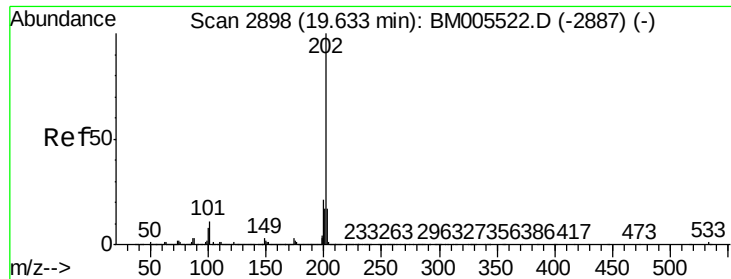
Tgt Ion:165 Resp: 252284
 Ion Ratio Lower Upper
 165 100
 63 47.4 36.2 54.4
 182 2.6 2.5 3.7



#68
 Pentachlorophenol
 Concen: 17.78 ng/ul
 RT: 16.86 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: BM005517.D
 Acq: 20 May 2016 02:46

Tgt Ion:266 Resp: 213790
 Ion Ratio Lower Upper
 266 100
 264 61.5 52.0 78.0
 268 64.6 53.0 79.6





#77
 Pyrene
 Concen: 17.17 ng/ul
 RT: 19.63 min Scan# 2898
 Delta R.T. 0.01 min
 Lab File: BM005517.D
 Acq: 20 May 2016 02:46

Instrument :
 BNA_M
 ClientSampleId :
 D9WT7MSD

Tgt Ion: 202 Resp: 1879592
 Ion Ratio Lower Upper
 202 100
 101 9.1 10.8 16.2#
 100 7.2 8.4 12.6#

