

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051116\
 Data File : BM005399.D
 Acq On : 11 May 2016 22:31
 Operator : UM/SJ
 Sample : H2890-20MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9X06MS

Quant Time: May 12 03:34:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 02:20:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	63969	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	313012	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	210738	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	515440	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	555813	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	423054	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	698	0.51	ng/uL	0.00
5) Phenol-d5	6.93	99	16632	2.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	45463	13.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	50266	11.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	32794	6.84	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	30791	13.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	34260	13.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	62775	13.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	1107	0.20	ng/ul	0.03
43) Dimethylphthalate-d6	13.81	166	252174	14.93	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	286769	14.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	5657	1.83	ng/ul	0.00
57) Fluorene-d10	15.40	176	220626	15.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	32816	11.32	ng/ul	0.00
70) Anthracene-d10	17.24	188	349118	15.32	ng/ul	0.00
76) Pyrene-d10	19.54	212	413115	16.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	281951	15.06	ng/ul	0.00

Target Compounds

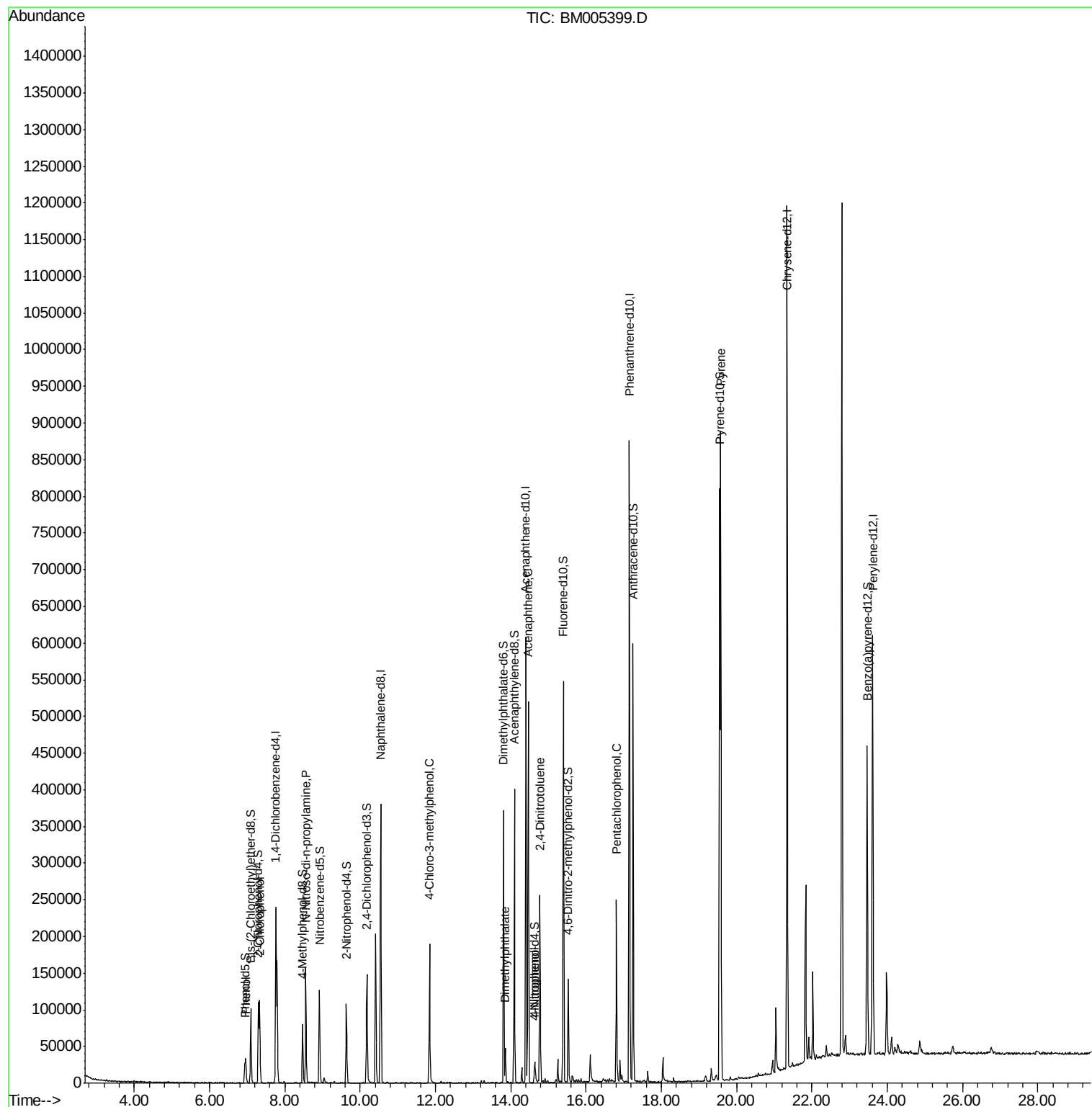
						Qvalue
6) Phenol	6.96	94	20341	3.39	ng/ul	99
10) 2-Chlorophenol	7.33	128	52206	11.65	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.56	70	56727	15.28	ng/ul	96
33) 4-Chloro-3-methylphenol	11.84	107	78317	13.56	ng/ul	99
44) Dimethylphthalate	13.86	163	32484	1.92	ng/ul	98
49) Acenaphthene	14.46	153	208572	15.10	ng/ul	98
52) 4-Nitrophenol	14.64	109	5732	2.24	ng/ul	93
54) 2,4-Dinitrotoluene	14.77	165	73190	14.75	ng/ul	96
68) Pentachlorophenol	16.80	266	44176	14.34	ng/ul	97
77) Pyrene	19.57	202	544056	16.88	ng/ul	99

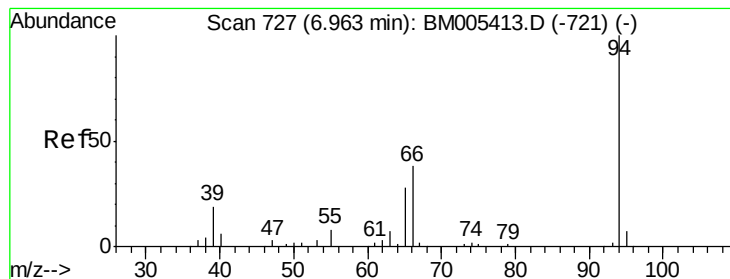
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.39 ng/ul

RT: 6.96 min Scan# 727

Delta R.T. 0.01 min

Lab File: BM005399.D

Acq: 11 May 2016 22:31

Instrument :

BNA_M

ClientSampleId :

D9X06MS

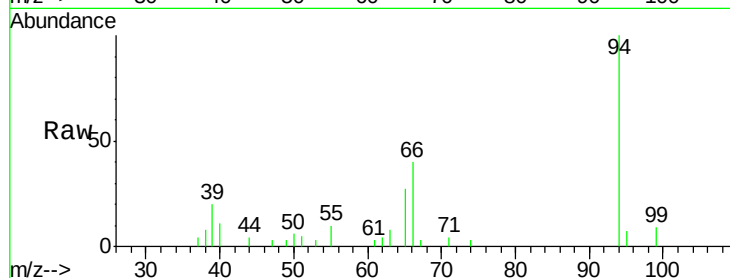
Tgt Ion: 94 Resp: 20341

Ion Ratio Lower Upper

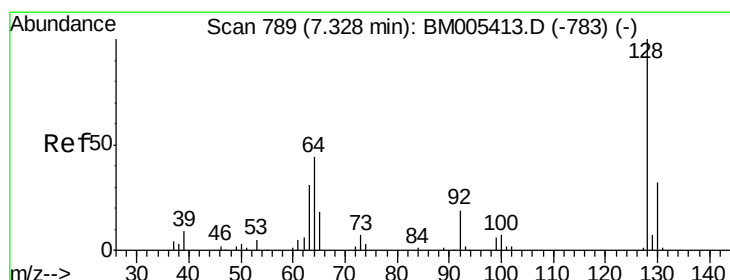
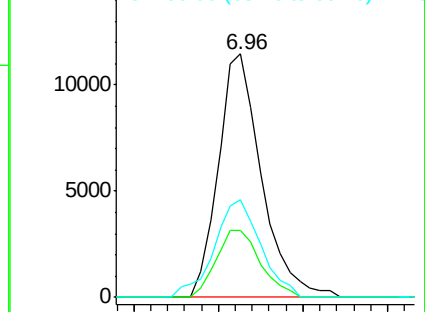
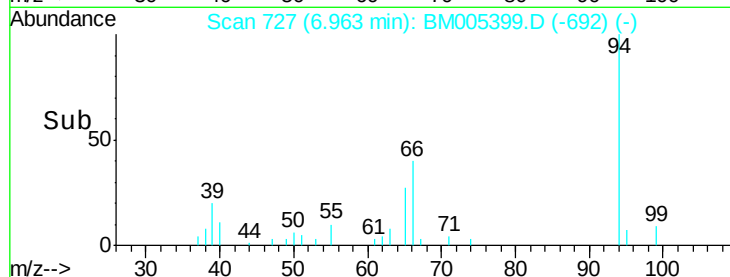
94 100

65 27.5 22.7 34.1

66 40.2 31.7 47.5



Abundance Ion 94.00 (93.70 to 94.70): BM005399.D (-692) (-)



#10

2-Chlorophenol

Concen: 11.65 ng/ul

RT: 7.33 min Scan# 789

Delta R.T. 0.00 min

Lab File: BM005399.D

Acq: 11 May 2016 22:31

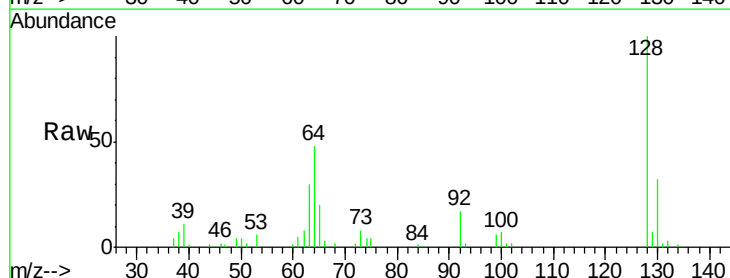
Tgt Ion: 128 Resp: 52206

Ion Ratio Lower Upper

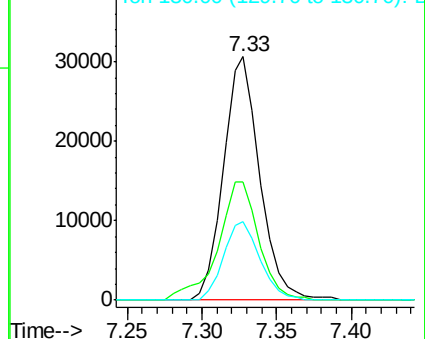
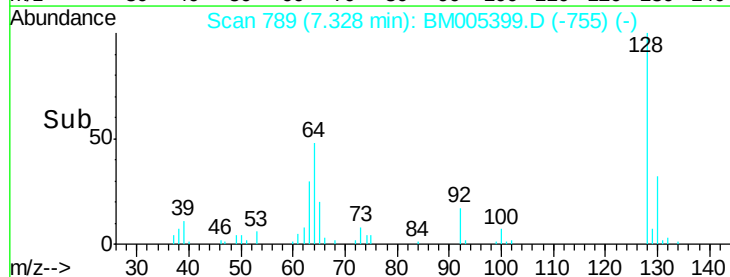
128 100

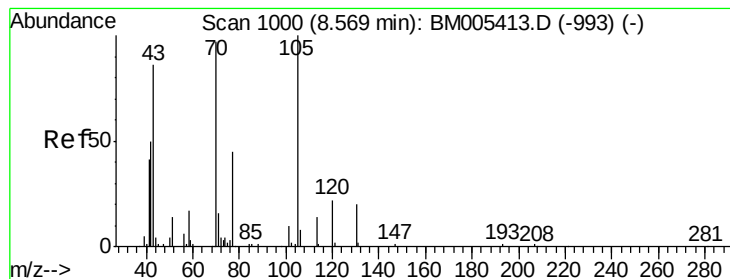
64 48.5 37.8 56.8

130 32.0 24.9 37.3



Abundance Ion 128.00 (127.70 to 128.70): BM005399.D (-755) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 15.28 ng/ul

RT: 8.56 min Scan# 998

Delta R.T. -0.01 min

Lab File: BM005399.D

Acq: 11 May 2016 22:31

Instrument :

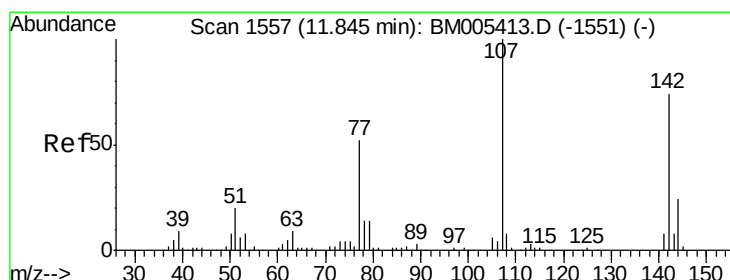
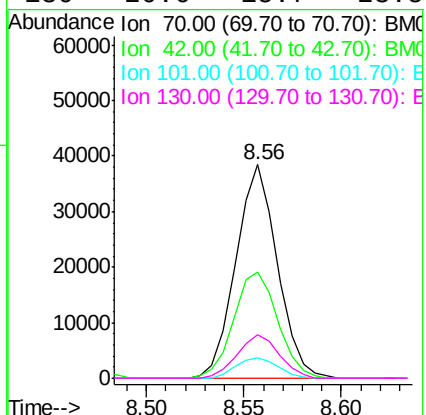
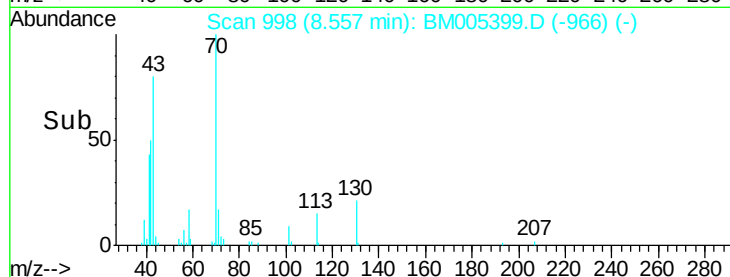
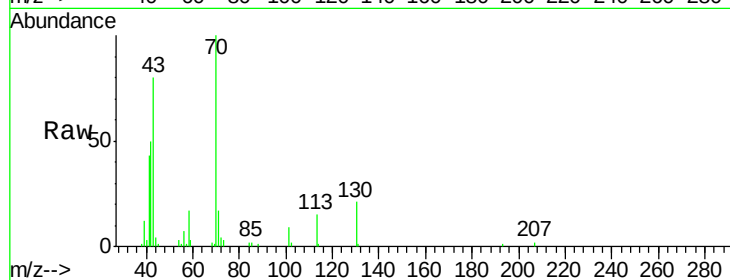
BNA_M

ClientSampleId :

D9X06MS

Tgt Ion: 70 Resp: 56727

Ion	Ratio	Lower	Upper
70	100		
42	49.8	42.8	64.2
101	9.4	7.8	11.6
130	20.6	15.7	23.5



#33

4-Chloro-3-methylphenol

Concen: 13.56 ng/ul

RT: 11.84 min Scan# 1556

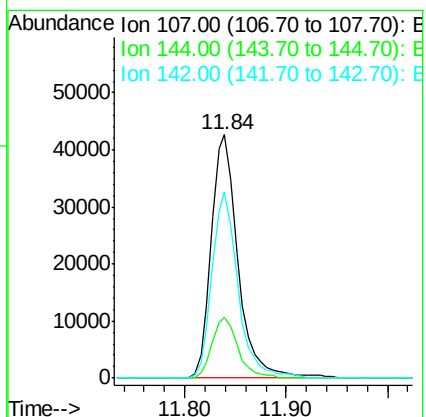
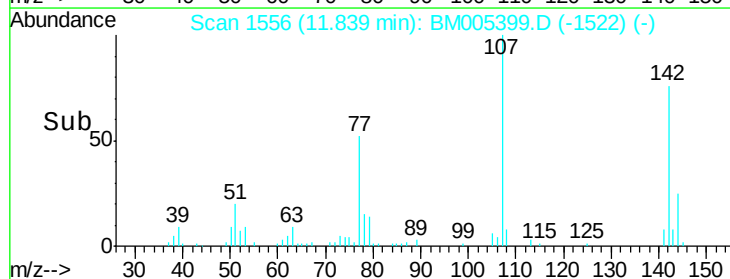
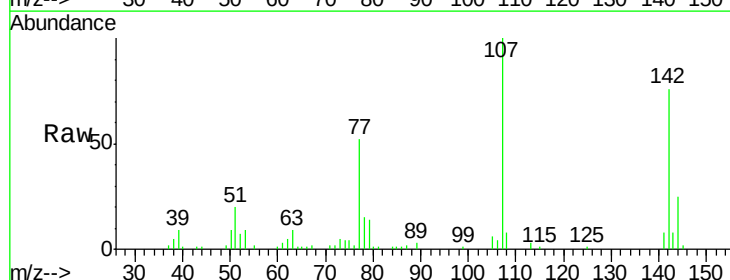
Delta R.T. 0.00 min

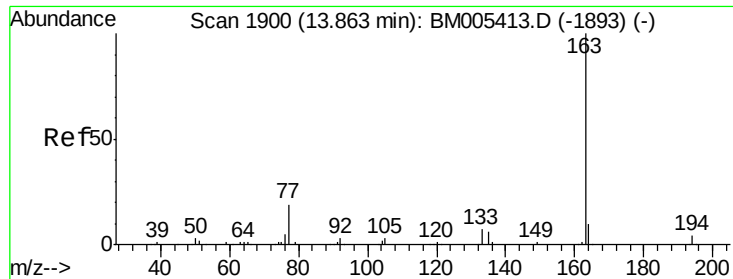
Lab File: BM005399.D

Acq: 11 May 2016 22:31

Tgt Ion: 107 Resp: 78317

Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.3	28.9
142	76.2	60.8	91.2





#44

Dimethylphthalate

Concen: 1.92 ng/ul

RT: 13.86 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM005399.D

Acq: 11 May 2016 22:31

Instrument :

BNA_M

ClientSampleId :

D9X06MS

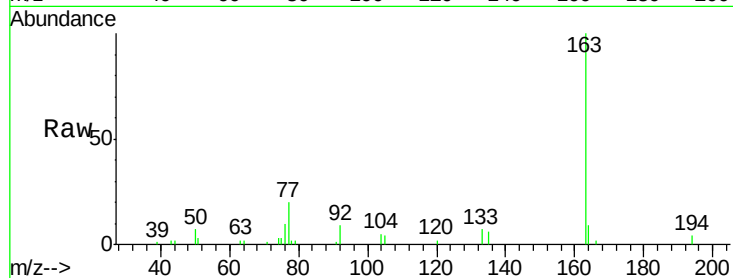
Tgt Ion:163 Resp: 32484

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

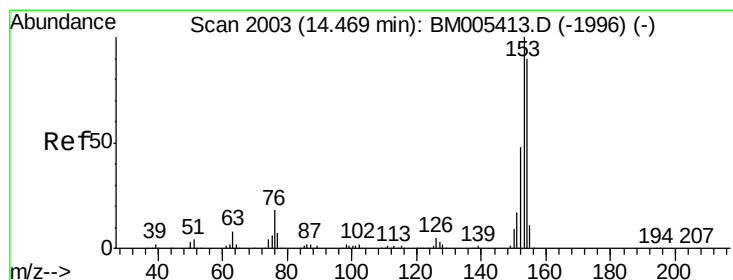
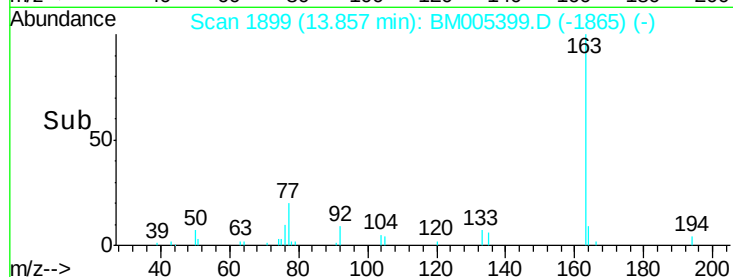
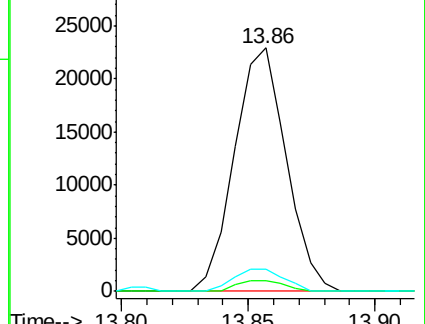
164 9.0 7.9 11.9



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: 15.10 ng/ul

RT: 14.46 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BM005399.D

Acq: 11 May 2016 22:31

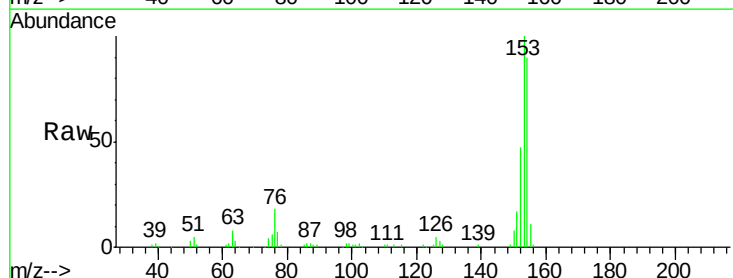
Tgt Ion:153 Resp: 208572

Ion Ratio Lower Upper

153 100

152 47.2 38.9 58.3

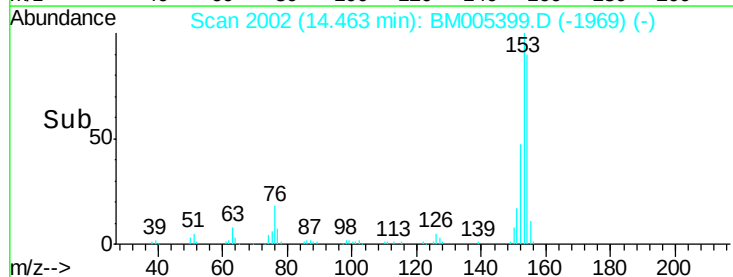
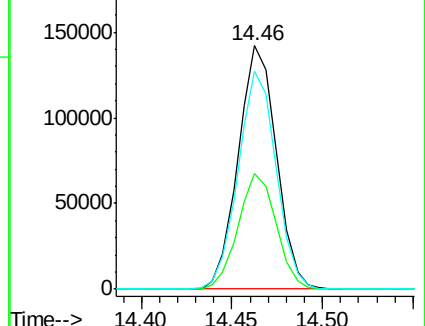
154 89.7 70.3 105.5

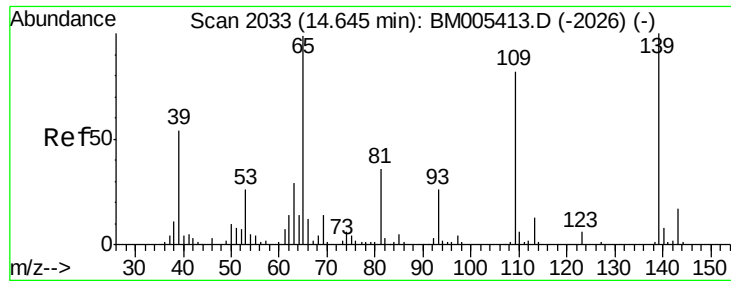


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

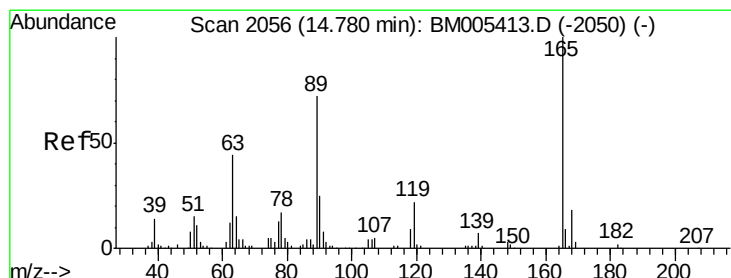
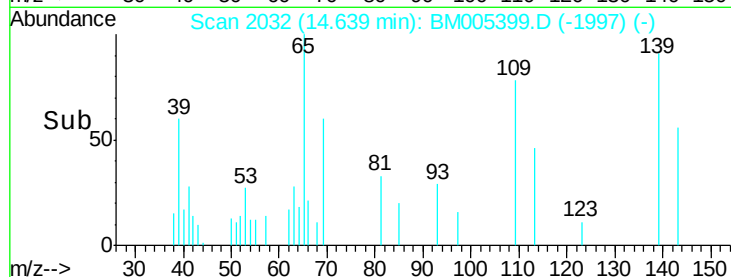
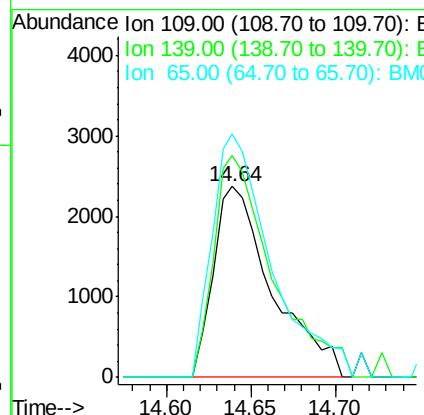
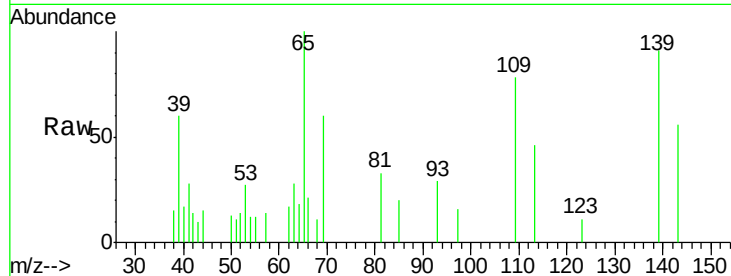




#52
4-Nitrophenol
Concen: 2.24 ng/ul
RT: 14.64 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BM005399.D
Acq: 11 May 2016 22:31

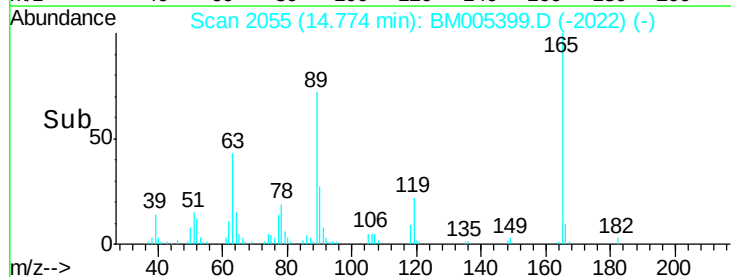
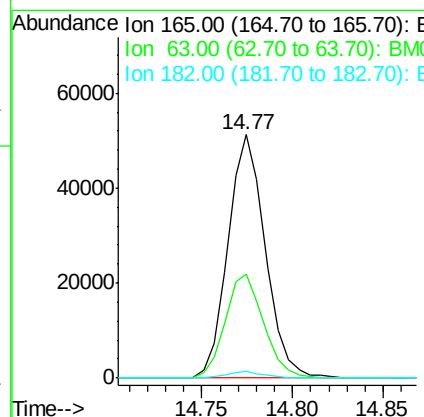
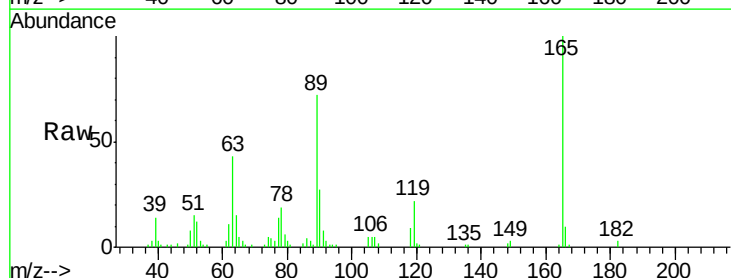
Instrument :
BNA_M
ClientSampleId :
D9X06MS

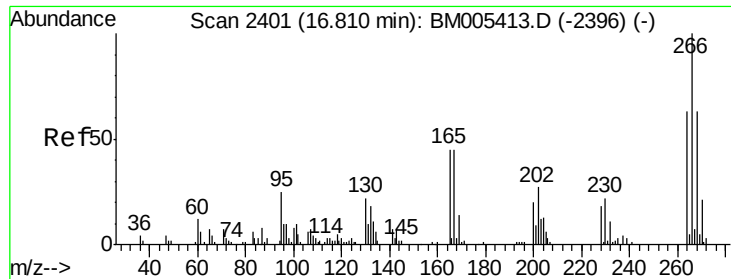
Tgt Ion:109 Resp: 5732
Ion Ratio Lower Upper
109 100
139 116.2 103.6 155.4
65 127.5 104.7 157.1



#54
2,4-Dinitrotoluene
Concen: 14.75 ng/ul
RT: 14.77 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BM005399.D
Acq: 11 May 2016 22:31

Tgt Ion:165 Resp: 73190
Ion Ratio Lower Upper
165 100
63 42.7 36.2 54.4
182 2.9 2.5 3.7

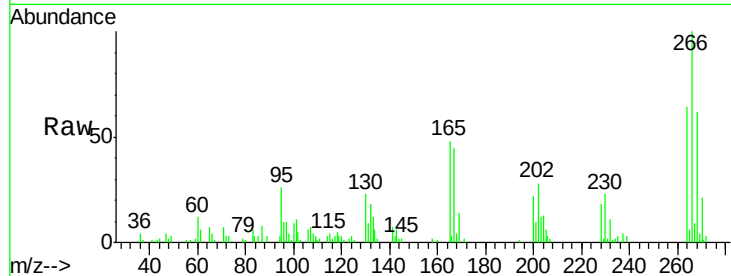




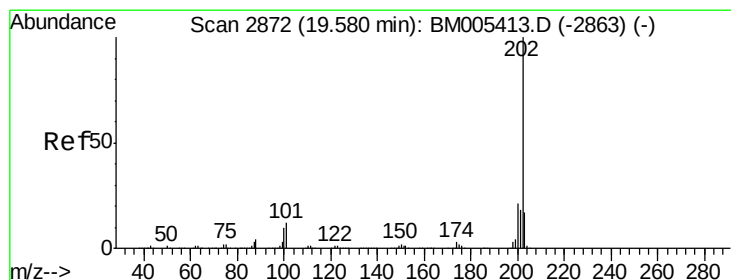
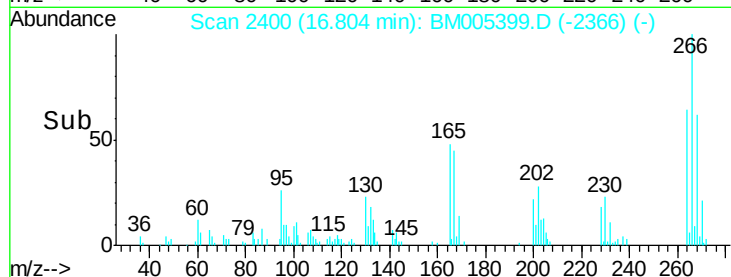
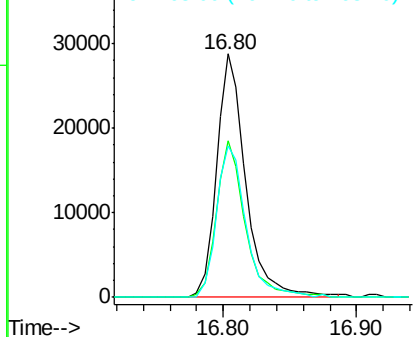
#68
 Pentachlorophenol
 Concen: 14.34 ng/ul
 RT: 16.80 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BM005399.D
 Acq: 11 May 2016 22:31

Instrument :
 BNA_M
 ClientSampleId :
 D9X06MS

Tgt Ion:266 Resp: 44176
 Ion Ratio Lower Upper
 266 100
 264 64.3 52.0 78.0
 268 62.0 53.0 79.6

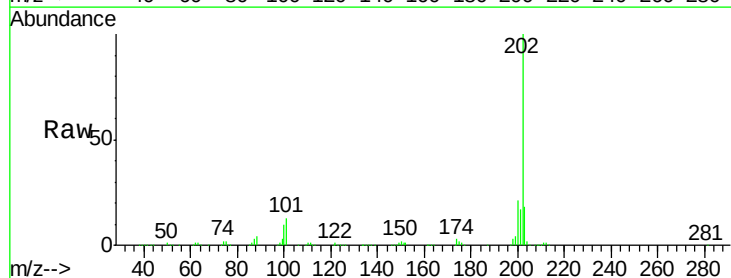


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#77
 Pyrene
 Concen: 16.88 ng/ul
 RT: 19.57 min Scan# 2871
 Delta R.T. -0.01 min
 Lab File: BM005399.D
 Acq: 11 May 2016 22:31

Tgt Ion:202 Resp: 544056
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.8 16.2
 100 10.4 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

