

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121115\
 Data File : BM003491.D
 Acq On : 11 Dec 2015 20:42
 Operator : UM/IZ
 Sample : G4734-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KW2MS

Quant Time: Dec 12 00:58:21 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM120115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 12 00:54:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	84423	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	383830	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	198754	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	391756	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	390382	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	384419	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	2228	1.31	ng/uL	0.00
5) Phenol-d5	6.89	99	43800	6.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	110111	29.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	137934	24.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	85796	15.17	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	84296	32.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	87613	32.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	147056	27.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	865	0.14	ng/ul	0.01
44) Dimethylphthalate-d6	13.78	166	453992	30.38	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	561621	30.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	10138	3.79	ng/ul	0.00
58) Fluorene-d10	15.37	176	390051	30.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	46773	23.34	ng/ul	0.00
71) Anthracene-d10	17.22	188	547241	31.44	ng/ul	0.00
79) Pyrene-d10	19.52	212	569254	29.79	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	559854	30.19	ng/ul	0.00

Target Compounds

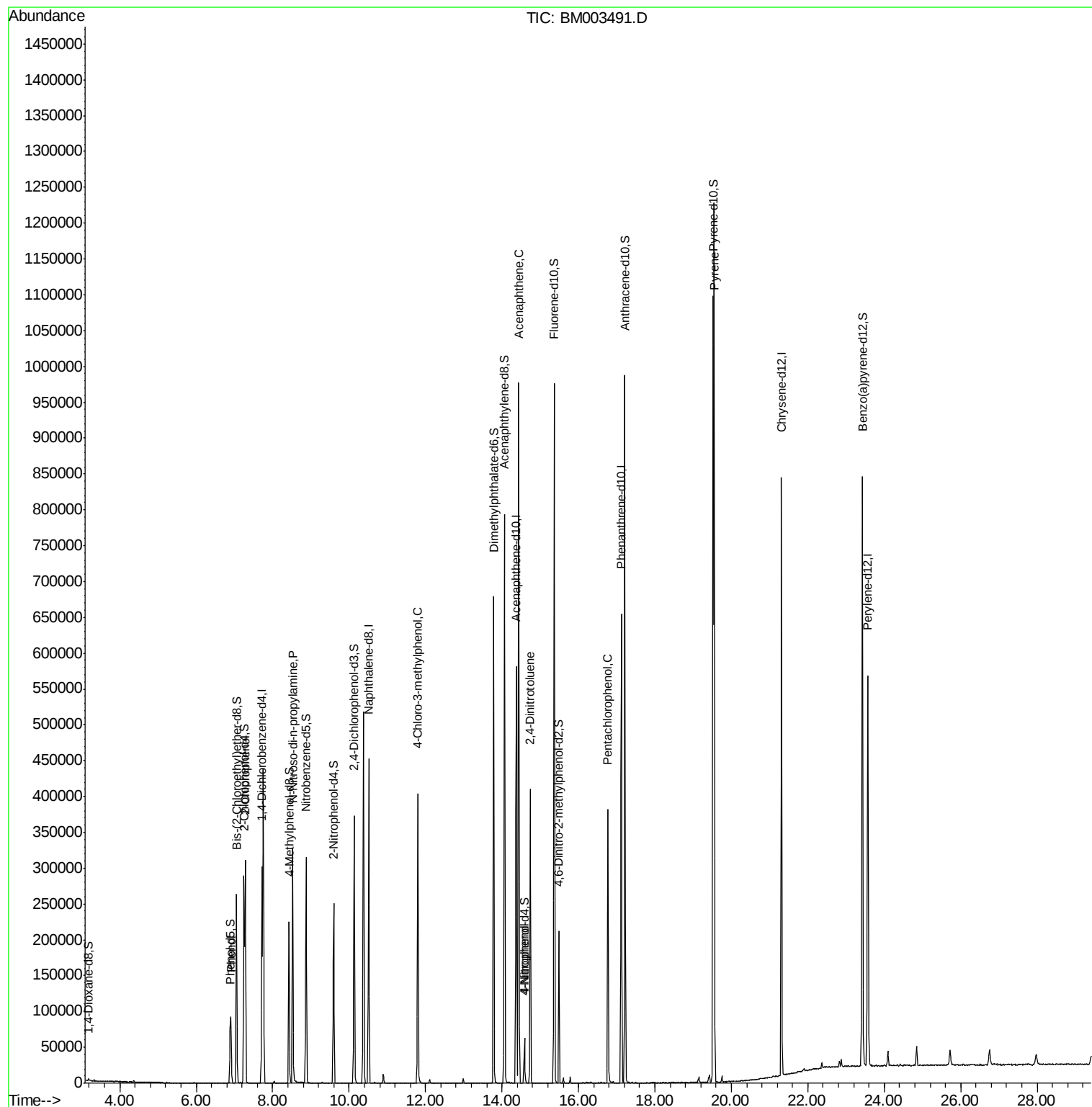
						Qvalue
6) Phenol	6.92	94	54459	7.65	ng/ul	99
10) 2-Chlorophenol	7.28	128	150679	25.53	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.52	70	127570	31.20	ng/ul	99
33) 4-Chloro-3-methylphenol	11.80	107	146946	24.43	ng/ul	98
50) Acenaphthene	14.44	153	412471	30.77	ng/ul	99
53) 4-Nitrophenol	14.59	109	10585	5.05	ng/ul	97
55) 2,4-Dinitrotoluene	14.74	165	119586	29.16	ng/ul	98
69) Pentachlorophenol	16.77	266	65054	27.39	ng/ul	99
80) Pyrene	19.55	202	754450	29.86	ng/ul	98

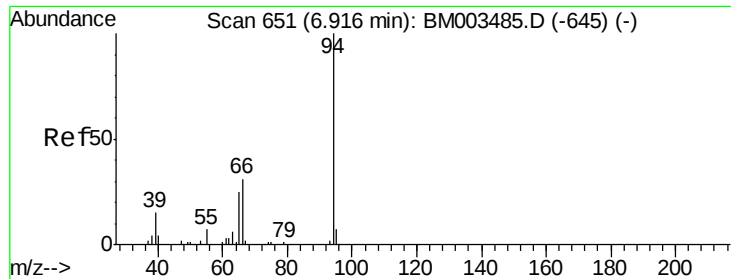
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 7.65 ng/ul

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM003491.D

Acq: 11 Dec 2015 20:42

Instrument :

BNA_M

ClientSampleId :

A4KW2MS

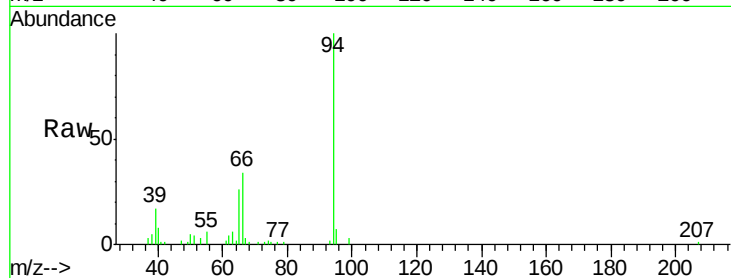
Tgt Ion: 94 Resp: 54459

Ion Ratio Lower Upper

94 100

65 26.3 20.6 30.8

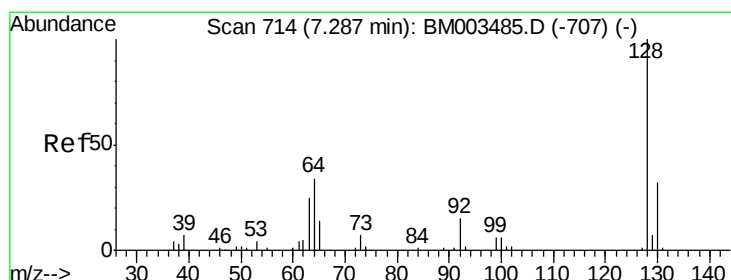
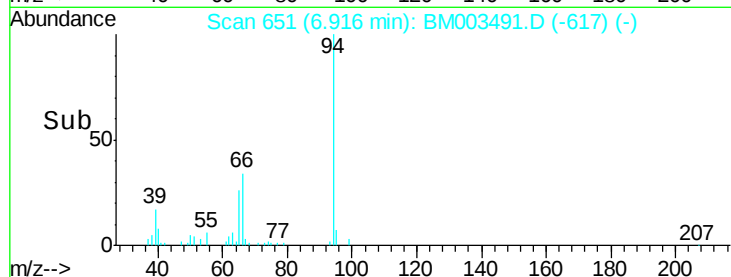
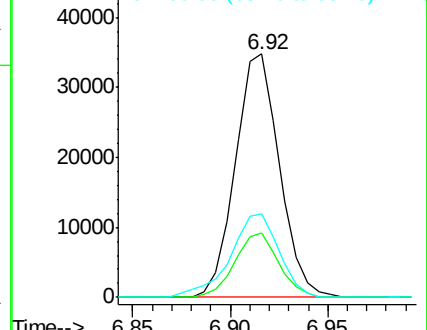
66 34.3 27.4 41.0



Abundance Ion 94.00 (93.70 to 94.70): BM003485.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM003485.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM003485.D (-645) (-)



#10

2-Chlorophenol

Concen: 25.53 ng/ul

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BM003491.D

Acq: 11 Dec 2015 20:42

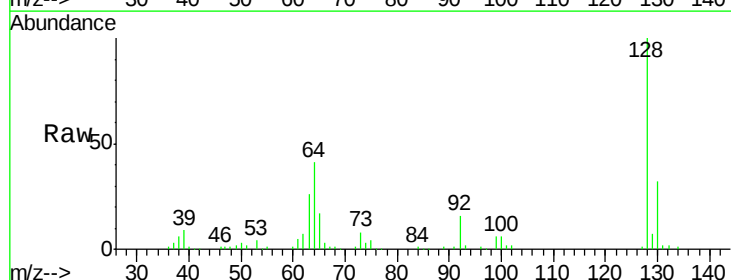
Tgt Ion: 128 Resp: 150679

Ion Ratio Lower Upper

128 100

64 40.8 31.8 47.6

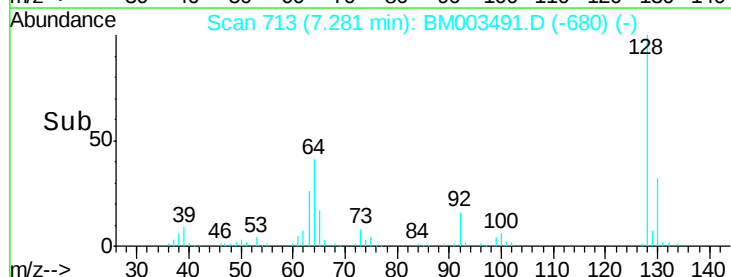
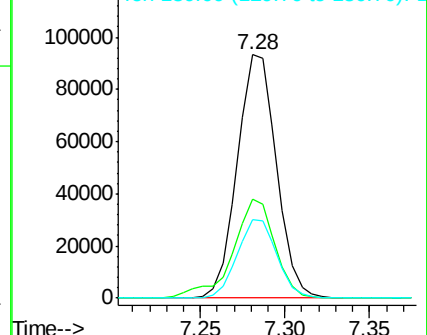
130 32.0 24.9 37.3

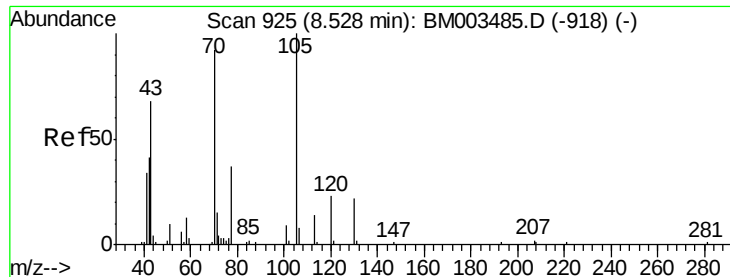


Abundance Ion 128.00 (127.70 to 128.70): BM003485.D (-707) (-)

Ion 64.00 (63.70 to 64.70): BM003485.D (-707) (-)

Ion 130.00 (129.70 to 130.70): BM003485.D (-707) (-)

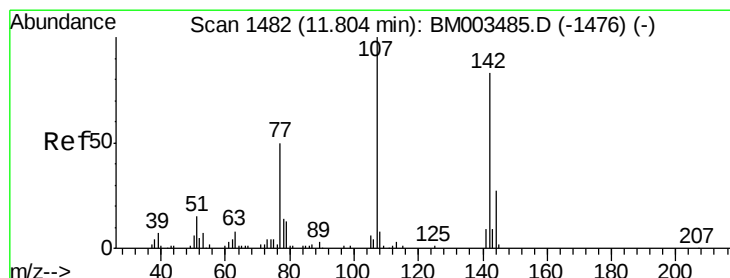
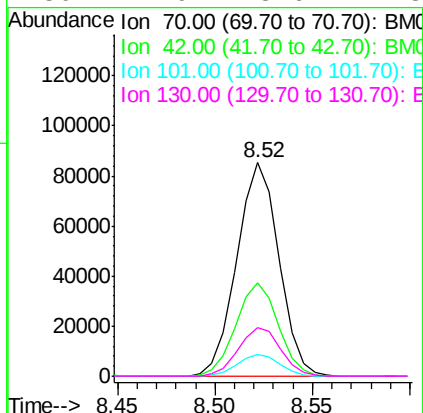
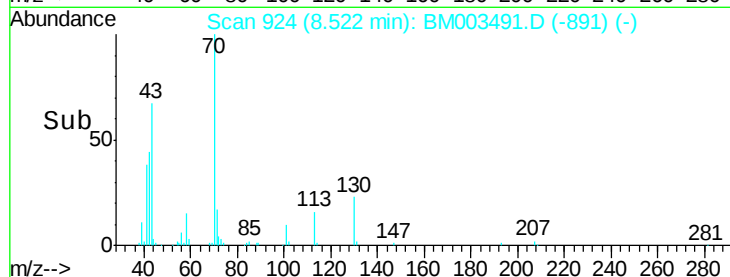
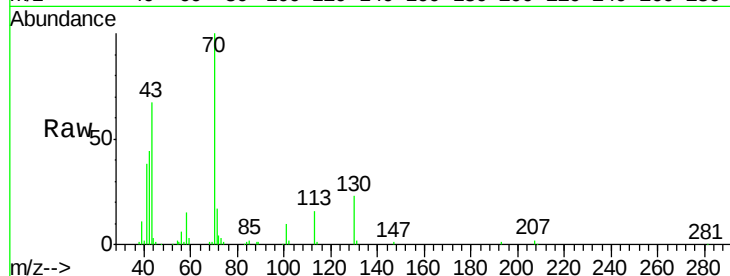




#15
N-Nitroso-di-n-propylamine
Concen: 31.20 ng/ul
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM003491.D
Acq: 11 Dec 2015 20:42

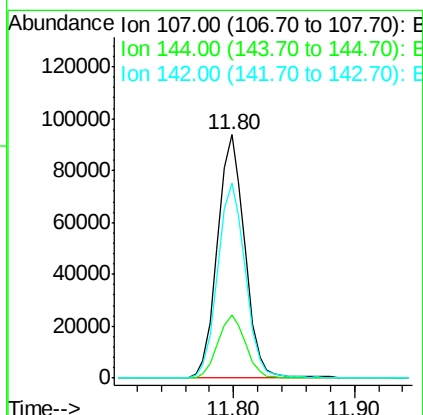
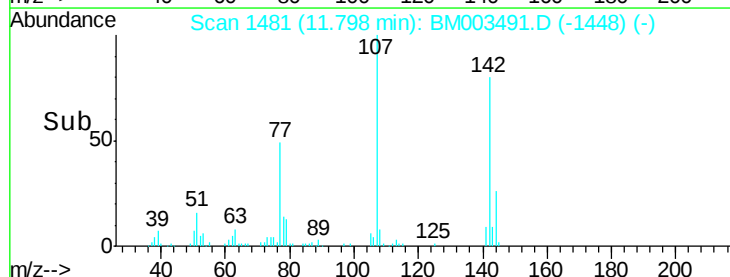
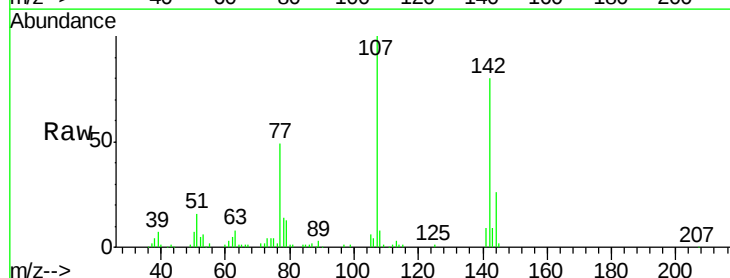
Instrument :
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ClientSampleId :
A4KW2MS

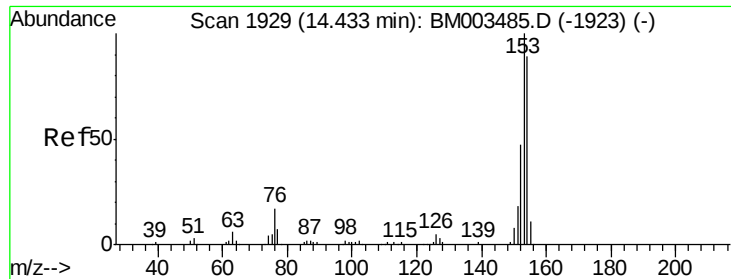
Tgt Ion:	70	Resp:	127570
Ion	Ratio	Lower	Upper
70	100		
42	43.6	35.0	52.6
101	10.1	8.6	13.0
130	22.9	18.6	27.8



#33
4-Chloro-3-methylphenol
Concen: 24.43 ng/ul
RT: 11.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BM003491.D
Acq: 11 Dec 2015 20:42

Tgt Ion:	107	Resp:	146946
Ion	Ratio	Lower	Upper
107	100		
144	25.8	21.4	32.0
142	80.1	65.6	98.4





#50

Acenaphthene

Concen: 30.77 ng/ul

RT: 14.44 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BM003491.D

Acq: 11 Dec 2015 20:42

Instrument :

BNA_M

ClientSampleId :

A4KW2MS

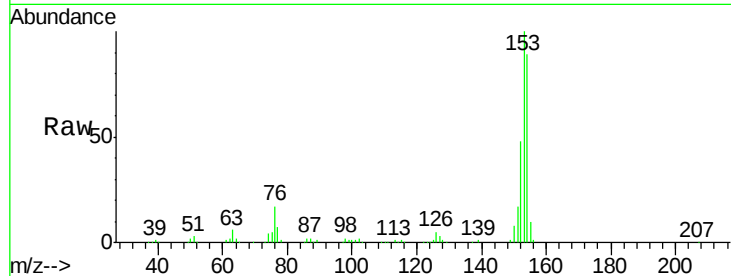
Tgt Ion:153 Resp: 412471

Ion Ratio Lower Upper

153 100

152 47.6 37.8 56.6

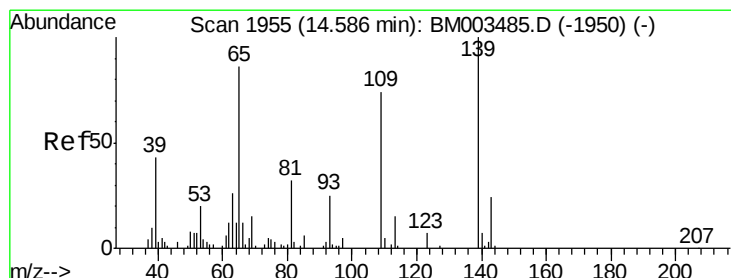
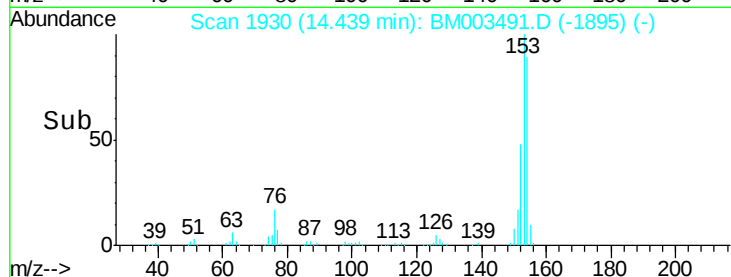
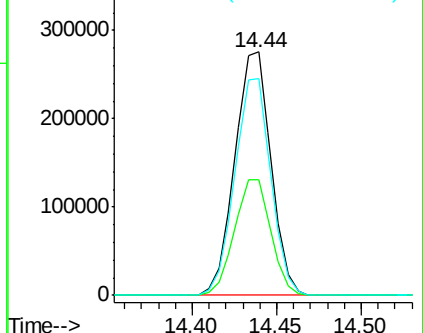
154 88.9 70.8 106.2



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



#53

4-Nitrophenol

Concen: 5.05 ng/ul

RT: 14.59 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BM003491.D

Acq: 11 Dec 2015 20:42

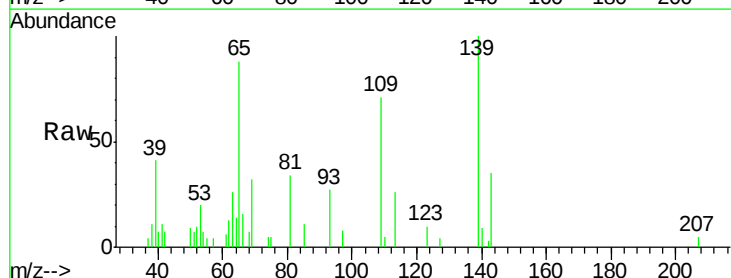
Tgt Ion:109 Resp: 10585

Ion Ratio Lower Upper

109 100

139 140.4 112.5 168.7

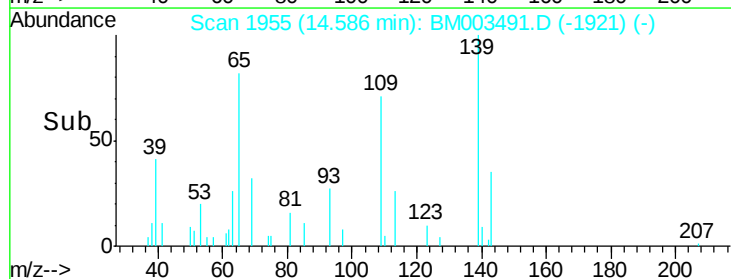
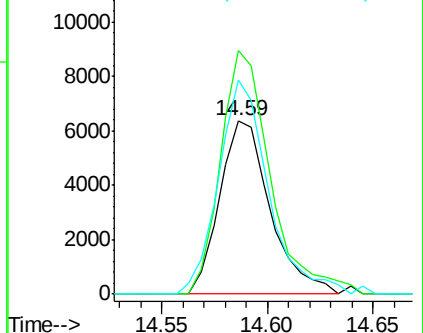
65 123.1 93.2 139.8

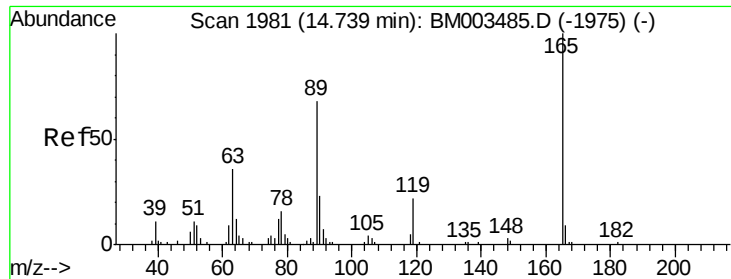


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

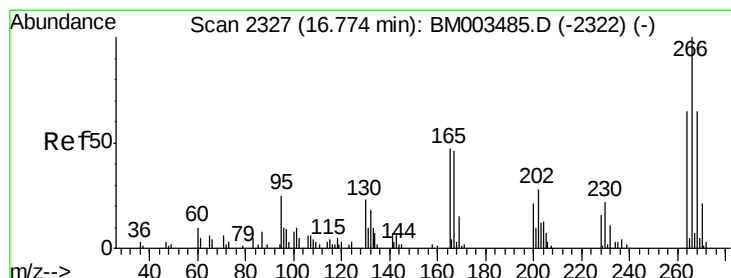
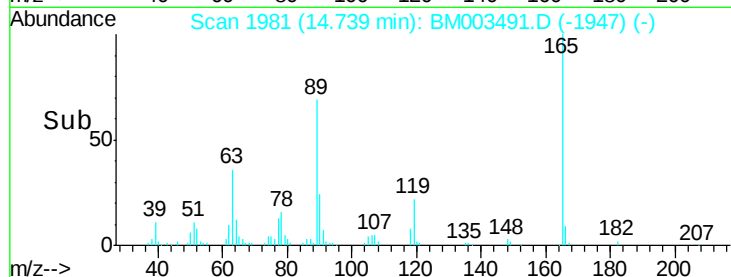
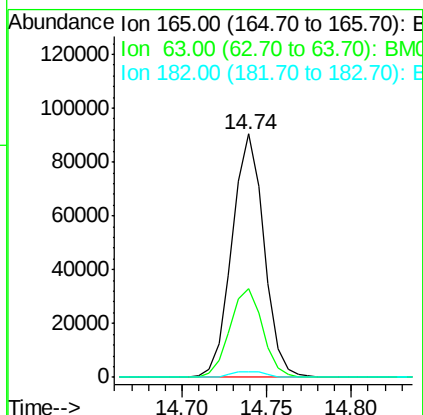
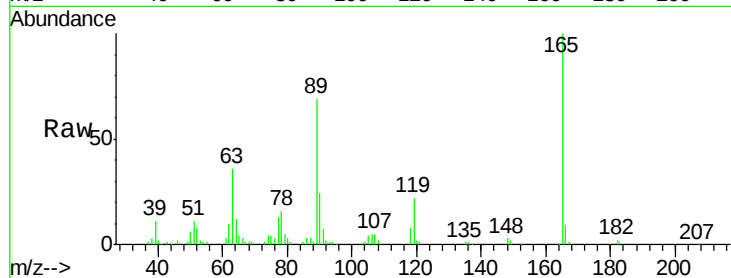




#55
2,4-Dinitrotoluene
Concen: 29.16 ng/ul
RT: 14.74 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM003491.D
Acq: 11 Dec 2015 20:42

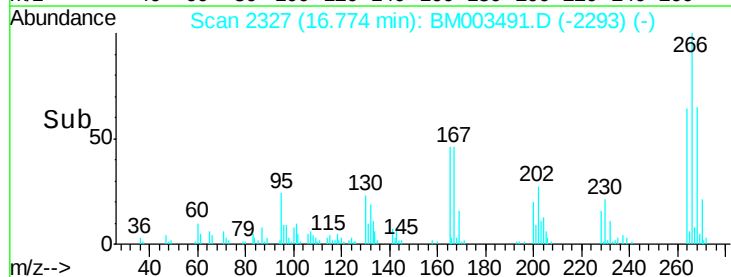
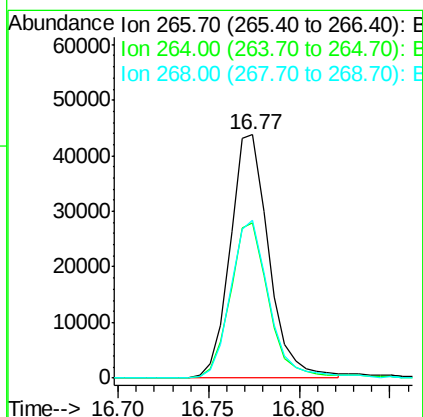
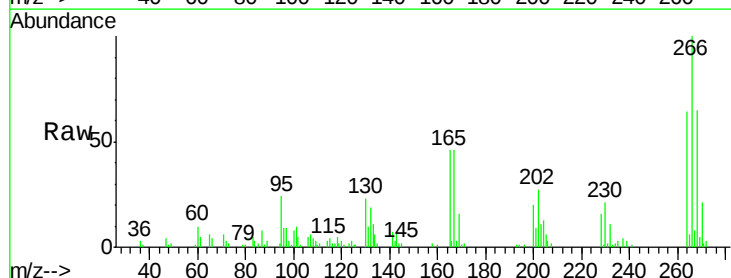
Instrument :
BNA_M
ClientSampleId :
A4KW2MS

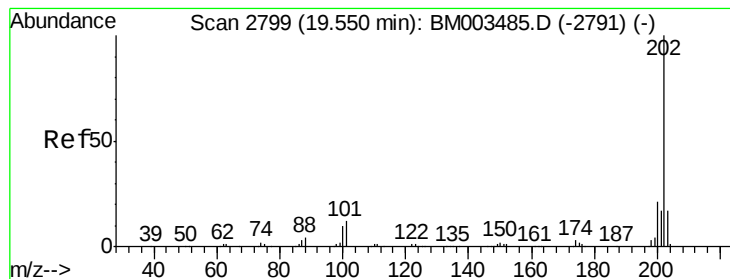
Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.5	28.2	42.2
182	2.5	2.0	3.0



#69
Pentachlorophenol
Concen: 27.39 ng/ul
RT: 16.77 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BM003491.D
Acq: 11 Dec 2015 20:42

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.9	50.3	75.5
268	64.9	51.8	77.8





#80

Pyrene

Concen: 29.86 ng/ul

RT: 19.55 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM003491.D

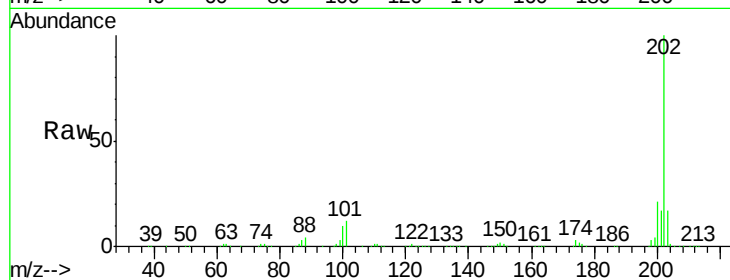
Acq: 11 Dec 2015 20:42

Instrument :

BNA_M

ClientSampleId :

A4KW2MS



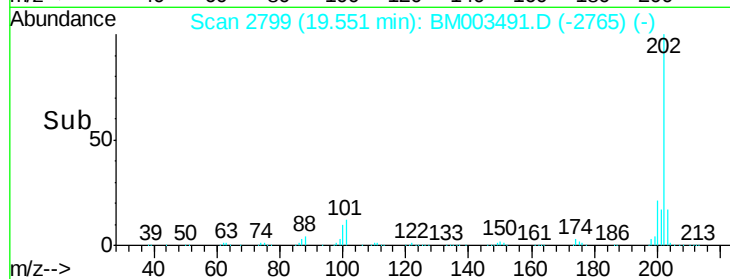
Tgt Ion: 202 Resp: 754450

Ion Ratio Lower Upper

202 100

101 12.4 10.6 16.0

100 9.8 8.5 12.7



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

