

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
 Data File : BM003145.D
 Acq On : 16 Nov 2015 16:35
 Operator : UM/IZ
 Sample : G4309-21MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 17 00:20:42 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 17 00:18:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	108621	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	469919	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	265924	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	616564	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	710337	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	719572	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	12043	5.23	ng/uL	0.00
5) Phenol-d5	6.91	99	251607	29.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	142628	28.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	214870	29.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	207378	29.95	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	103390	36.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	111960	38.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	196537	30.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	255366	30.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	650820	32.53	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	777825	30.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	117926	34.97	ng/ul	0.00
58) Fluorene-d10	15.39	176	561874	32.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	86695	30.36	ng/ul	0.00
71) Anthracene-d10	17.23	188	880985	32.23	ng/ul	0.00
79) Pyrene-d10	19.53	212	1011018	28.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	1143503	33.44	ng/ul	0.00

Target Compounds

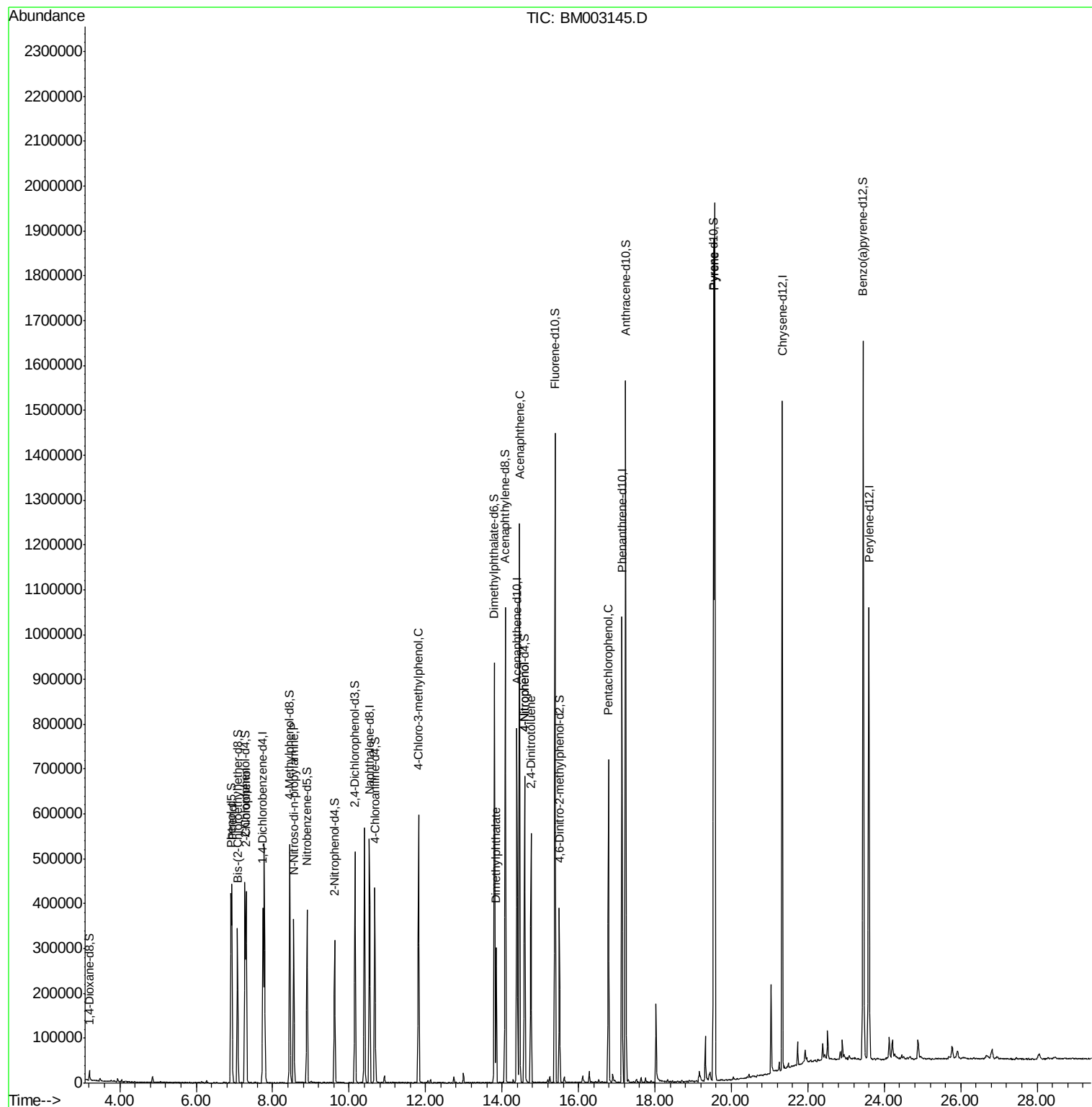
						Ovalue
6) Phenol	6.93	94	245259	27.75	ng/ul	93
10) 2-Chlorophenol	7.31	128	207709	27.64	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	142501	27.37	ng/ul	92
33) 4-Chloro-3-methylphenol	11.82	107	208233	29.49	ng/ul	95
45) Dimethylphthalate	13.84	163	193923	9.51	ng/ul	99
50) Acenaphthene	14.46	153	501139	27.49	ng/ul	99
53) 4-Nitrophenol	14.60	109	89463	34.90	ng/ul#	74
55) 2,4-Dinitrotoluene	14.76	165	169460	36.14	ng/ul	94
69) Pentachlorophenol	16.79	266	119230	29.23	ng/ul	97
80) Pyrene	19.56	202	1168590	25.15	ng/ul	95

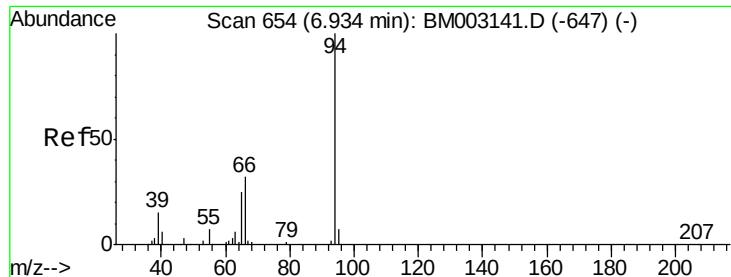
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
Data File : BM003145.D
Acq On : 16 Nov 2015 16:35
Operator : UM/IZ
Sample : G4309-21MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 17 00:20:42 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 17 00:18:48 2015
Response via : Initial Calibration





#6

Phenol

Concen: 27.75 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

Instrument :

BNA_M

ClientSampleId :

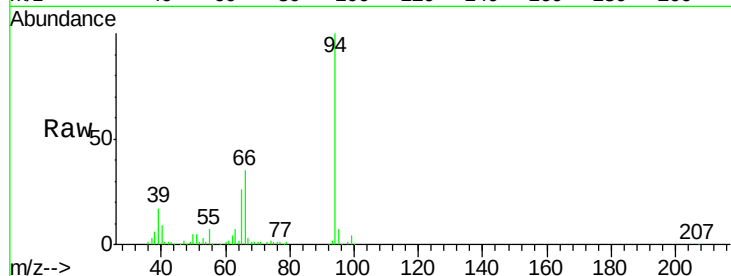
Tot Ion: 94 Resp: 245259

Ion Ratio Lower Upper

94 100

65 26.0 18.7 28.1

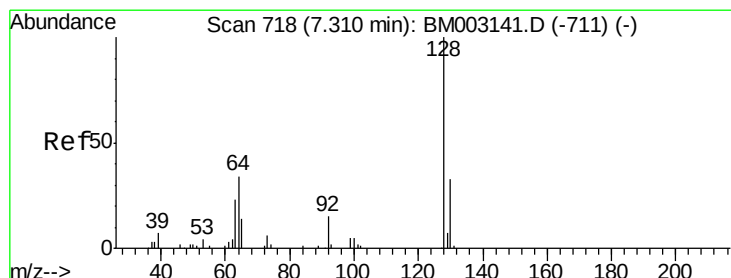
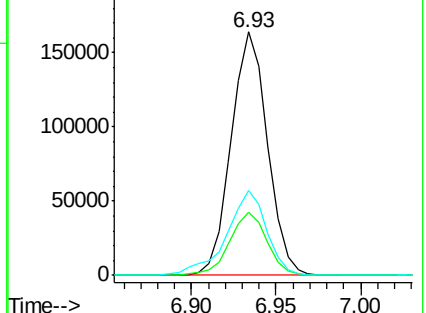
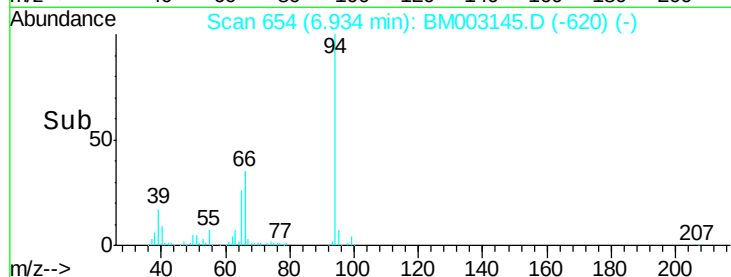
66 35.1 24.2 36.2



Abundance Ion 94.00 (93.70 to 94.70): BM003145.D (-620) (-)

Ion 65.00 (64.70 to 65.70): BM003145.D (-620) (-)

Ion 66.00 (65.70 to 66.70): BM003145.D (-620) (-)



#10

2-Chlorophenol

Concen: 27.64 ng/ul

RT: 7.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

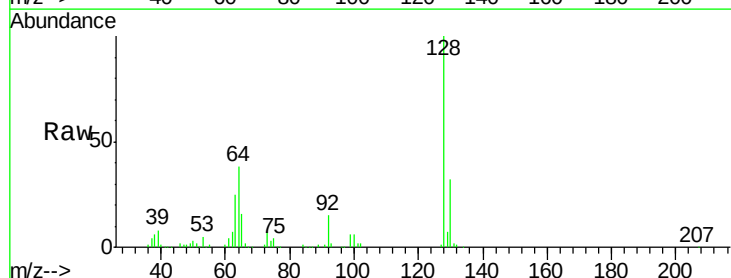
Tgt Ion: 128 Resp: 207709

Ion Ratio Lower Upper

128 100

64 38.4 32.2 48.4

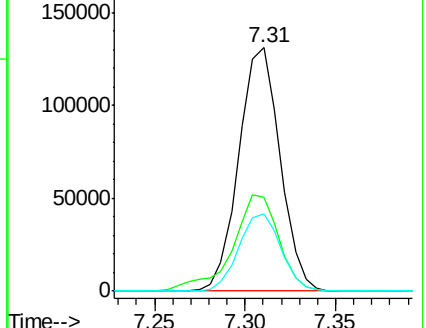
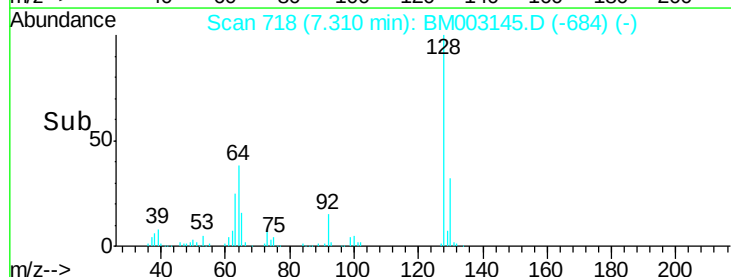
130 31.5 26.7 40.1

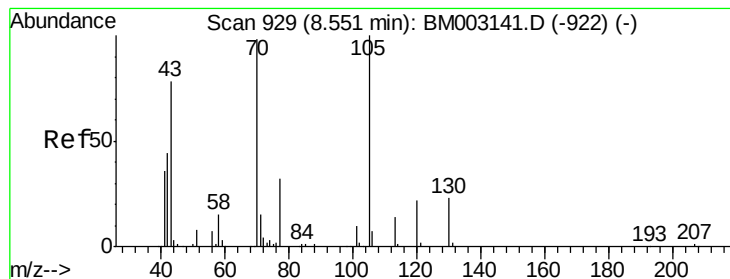


Abundance Ion 128.00 (127.70 to 128.70): BM003145.D (-684) (-)

Ion 64.00 (63.70 to 64.70): BM003145.D (-684) (-)

Ion 130.00 (129.70 to 130.70): BM003145.D (-684) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 27.37 ng/ul

RT: 8.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 142501

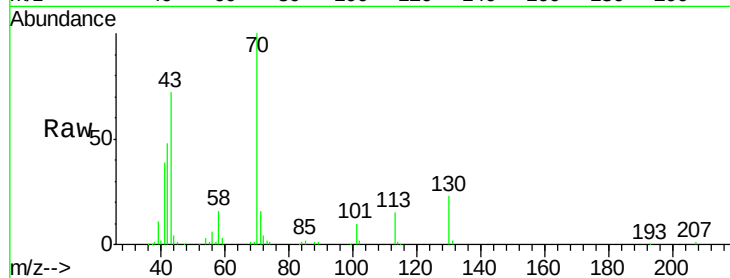
Ion	Ratio	Lower	Upper
70	100		
42	47.6	43.5	65.3
101	10.3	9.0	13.4
130	23.4	21.4	32.2

70 100

42 47.6 43.5 65.3

101 10.3 9.0 13.4

130 23.4 21.4 32.2

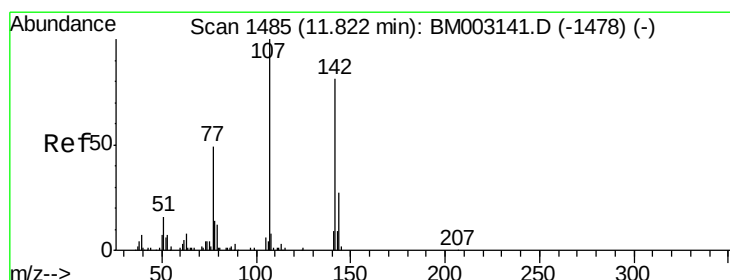
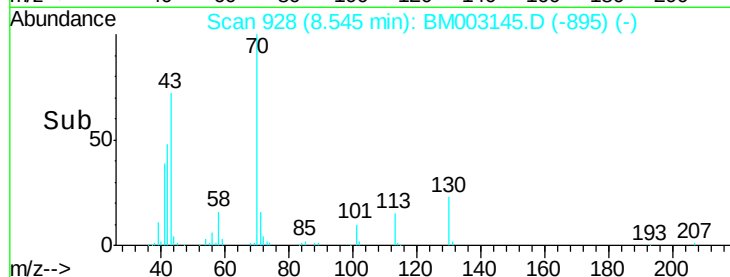
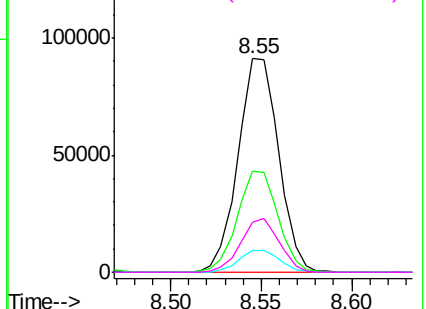


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 29.49 ng/ul

RT: 11.82 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

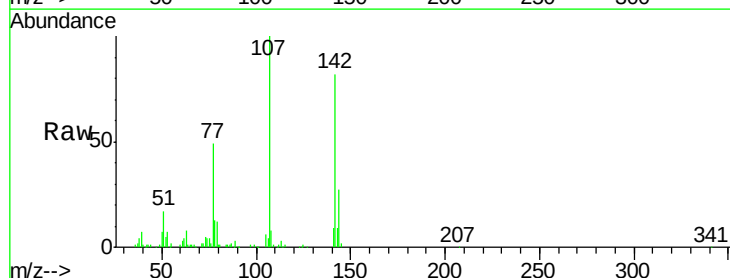
Tgt Ion:107 Resp: 208233

Ion	Ratio	Lower	Upper
107	100		
144	26.7	22.8	34.2
142	81.8	69.5	104.3

107 100

144 26.7 22.8 34.2

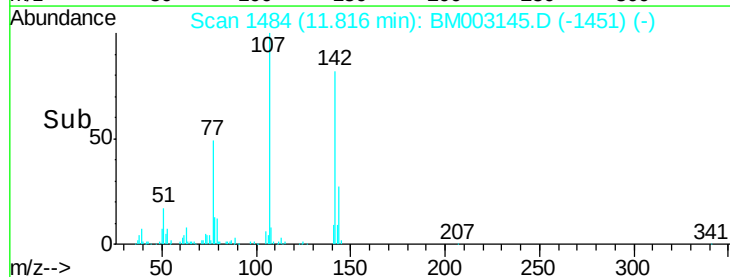
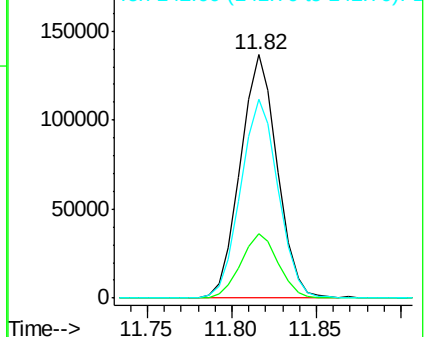
142 81.8 69.5 104.3

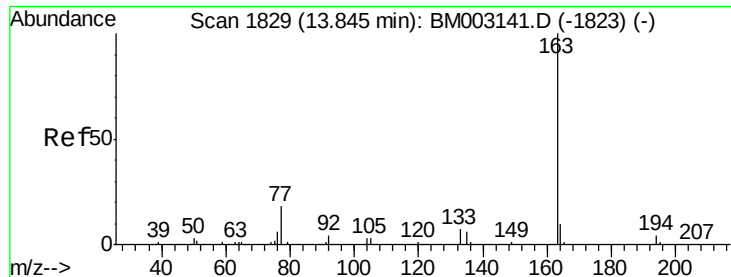


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#45

Dimethylphthalate

Concen: 9.51 ng/ul

RT: 13.84 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

Instrument :

BNA_M

ClientSampleId :

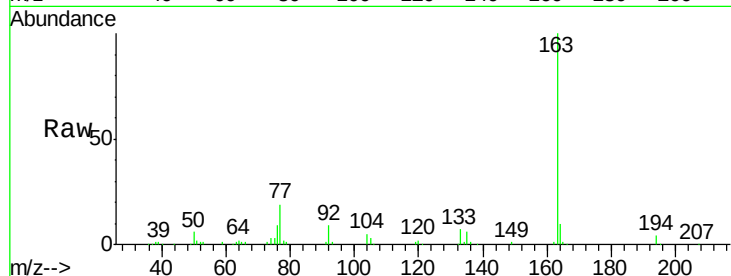
Tot Ion:163 Resp: 193923

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

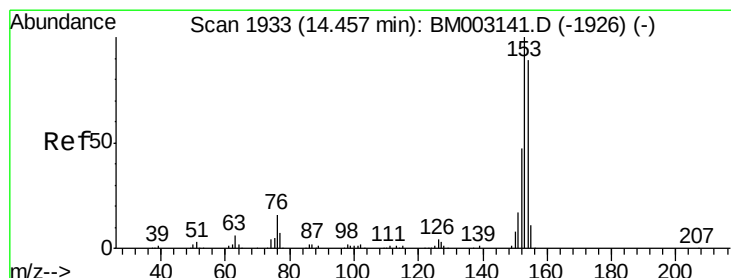
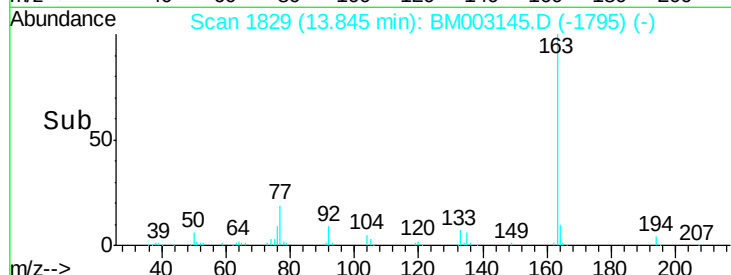
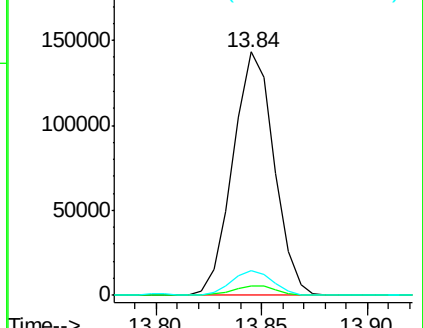
164 10.1 7.8 11.8



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



#50

Acenaphthene

Concen: 27.49 ng/ul

RT: 14.46 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

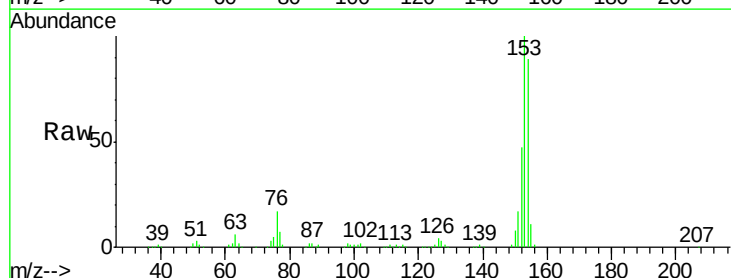
Tgt Ion:153 Resp: 501139

Ion Ratio Lower Upper

153 100

152 47.5 37.0 55.6

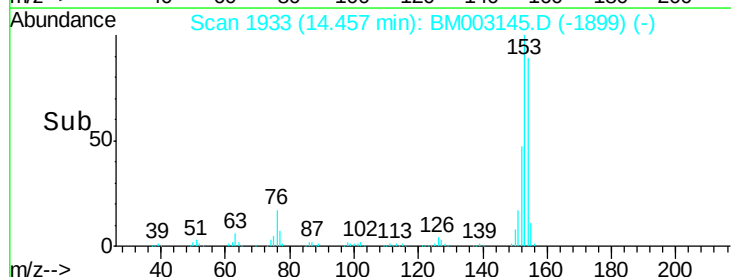
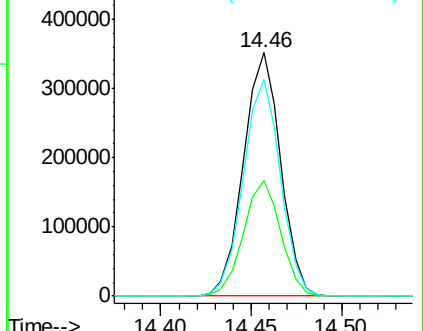
154 88.9 71.0 106.4

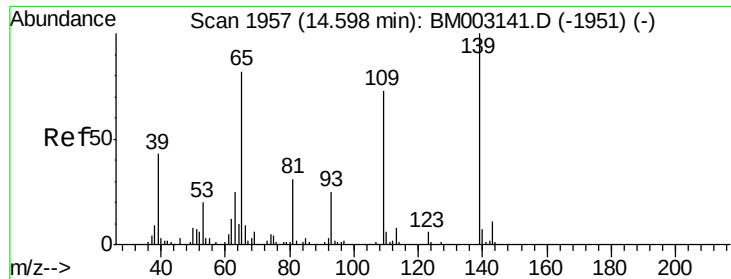


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 34.90 ng/ul

RT: 14.60 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

Instrument :

BNA_M

ClientSampleId :

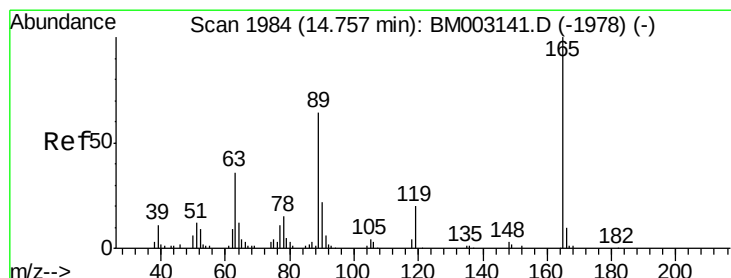
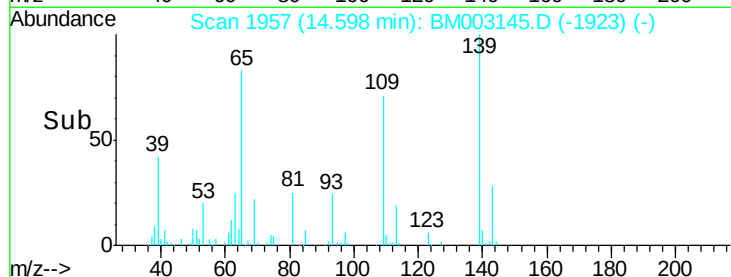
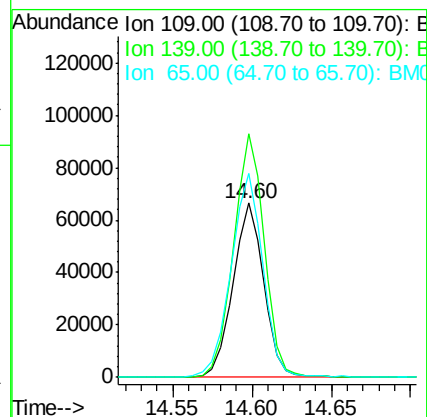
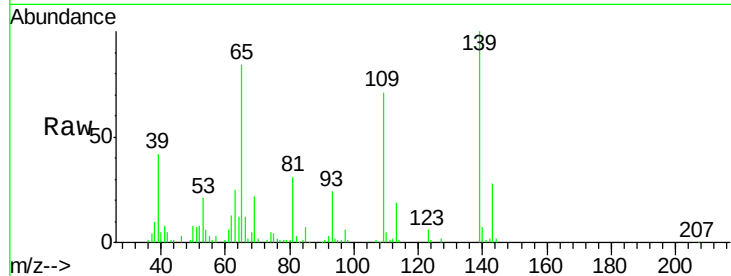
Tot Ion:109 Resp: 89463

Ion Ratio Lower Upper

109 100

139 139.9 150.3 225.5#

65 117.5 110.4 165.6



#55

2,4-Dinitrotoluene

Concen: 36.14 ng/ul

RT: 14.76 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BM003145.D

Acq: 16 Nov 2015 16:35

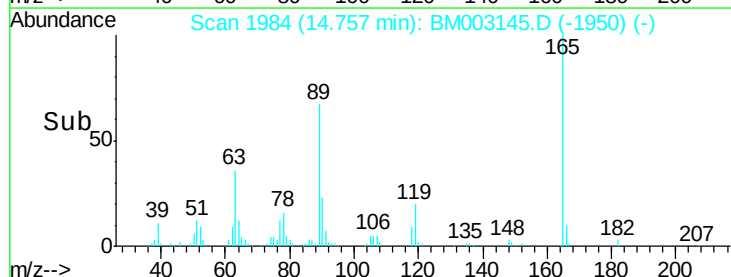
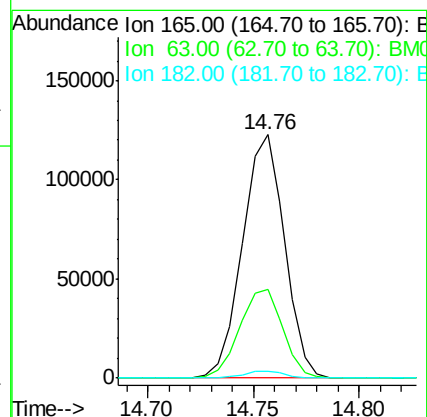
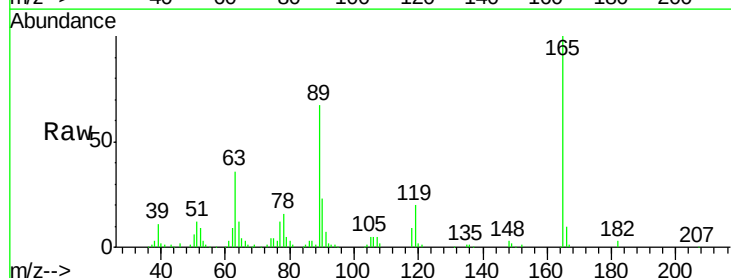
Tgt Ion:165 Resp: 169460

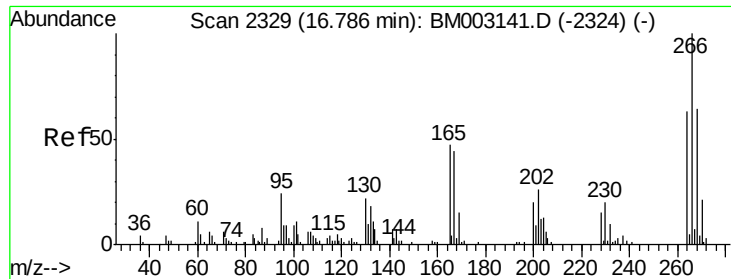
Ion Ratio Lower Upper

165 100

63 36.3 26.2 39.2

182 2.7 2.2 3.4

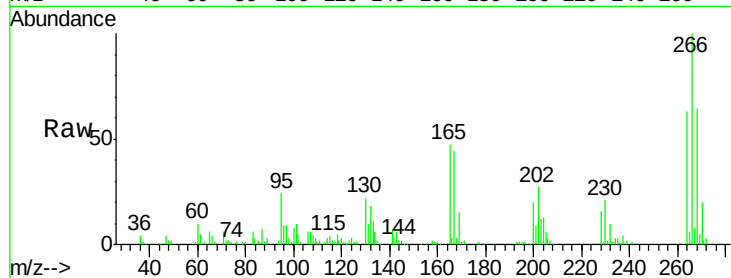




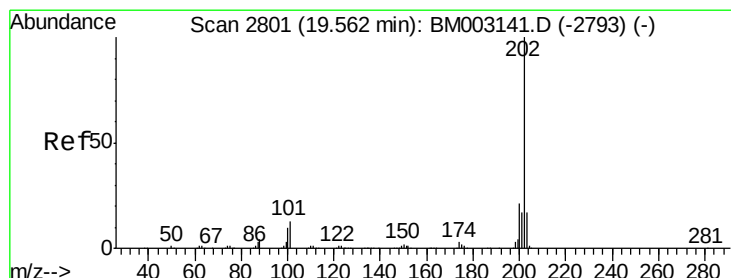
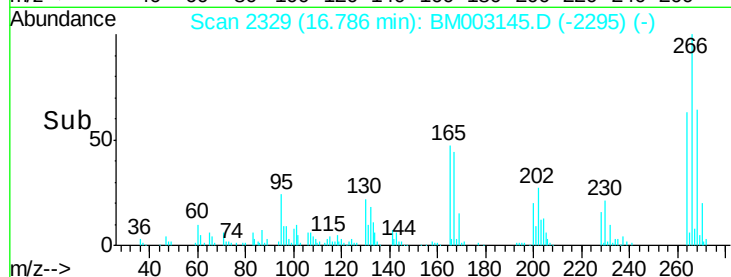
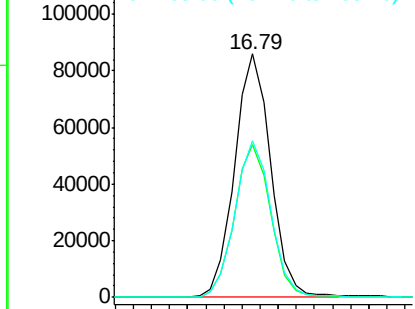
#69
 Pentachlorophenol
 Concen: 29.23 ng/ul
 RT: 16.79 min Scan# 2329
 Delta R.T. 0.00 min
 Lab File: BM003145.D
 Acq: 16 Nov 2015 16:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.9	52.0	78.0
268	64.2	49.7	74.5

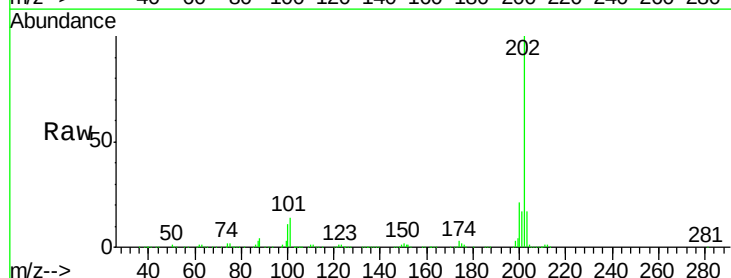


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 25.15 ng/ul
 RT: 19.56 min Scan# 2801
 Delta R.T. 0.00 min
 Lab File: BM003145.D
 Acq: 16 Nov 2015 16:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	12.6	18.8
100	11.1	10.6	15.8



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

