

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
 Data File : BM008356.D
 Acq On : 15 Dec 2016 23:02
 Operator : UM/SJ
 Sample : H5937-05MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA8F8MSD

Quant Time: Dec 16 03:12:42 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 03:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	139082	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	531638	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	333222	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	653656	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	806969	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	840568	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	12974	4.39	ng/uL	0.00
5) Phenol-d5	6.85	99	262855	24.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	163566	26.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	200307	24.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	206257	24.68	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	106650	27.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	110589	25.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	191242	24.51	ng/ul	0.01
29) 4-Chloroaniline-d4	10.67	131	10233	1.14	ng/ul	0.07
43) Dimethylphthalate-d6	13.72	166	694621	31.36	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	784112	29.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	78175	23.96	ng/ul	0.00
57) Fluorene-d10	15.30	176	599039	31.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	72004	18.51	ng/ul	0.00
70) Anthracene-d10	17.16	188	890283	31.26	ng/ul	0.00
76) Pyrene-d10	19.46	212	1089201	34.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1143716	32.40	ng/ul	0.00

Target Compounds

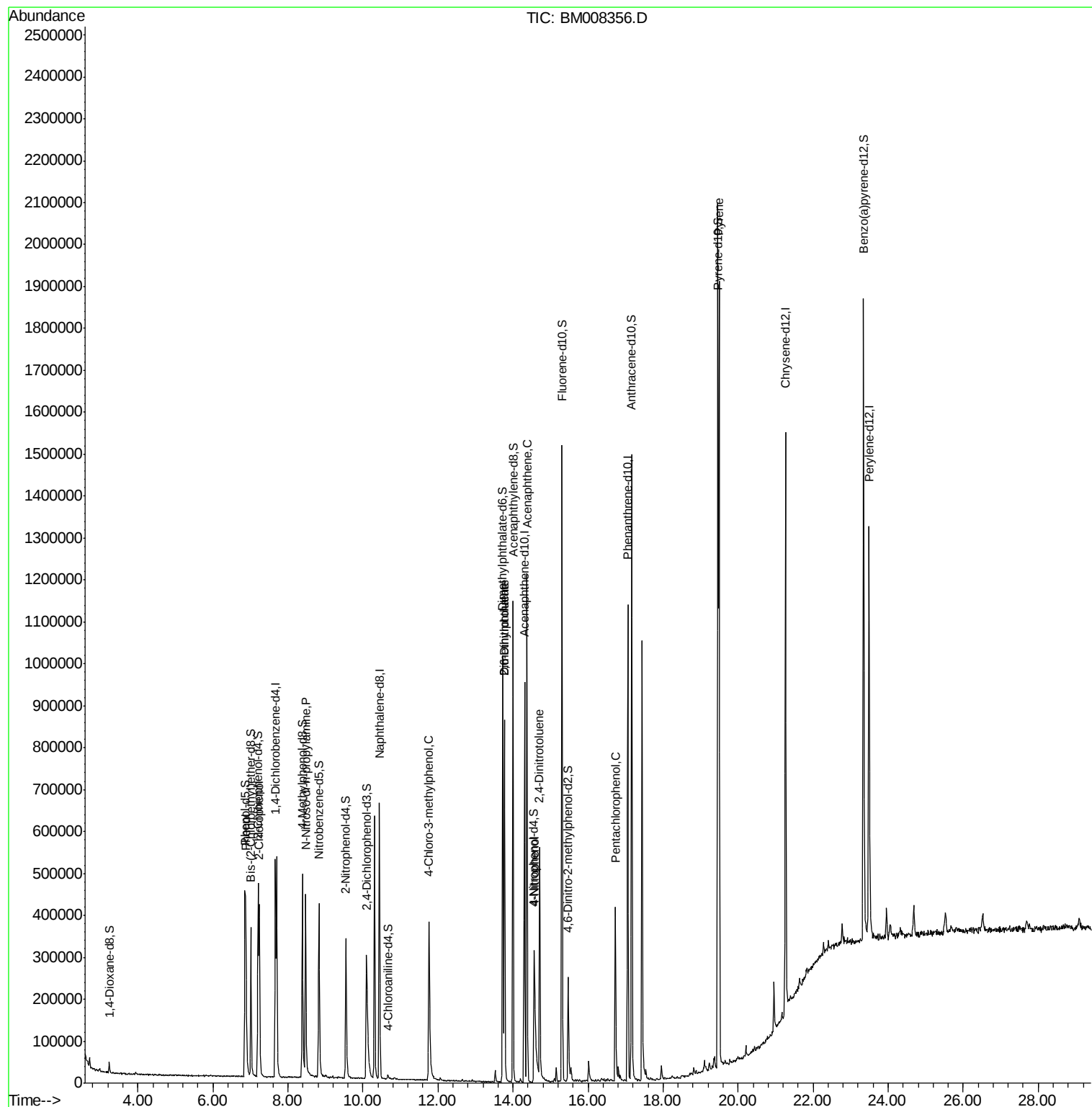
						Qvalue
6) Phenol	6.88	94	252257	22.52	ng/ul	95
10) 2-Chlorophenol	7.23	128	176381	21.51	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	169559	24.15	ng/ul	99
33) 4-Chloro-3-methylphenol	11.76	107	199532	23.45	ng/ul	96
44) Dimethylphthalate	13.77	163	604458	27.84	ng/ul	100
45) 2,6-Dinitrotoluene	13.77	165	6358	1.50	ng/ul#	50
49) Acenaphthene	14.37	153	489068	26.71	ng/ul	98
52) 4-Nitrophenol	14.57	109	67893	21.69	ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	164423	25.96	ng/ul#	72
68) Pentachlorophenol	16.73	266	93261	21.20	ng/ul	92
77) Pyrene	19.49	202	1208563	30.50	ng/ul	99

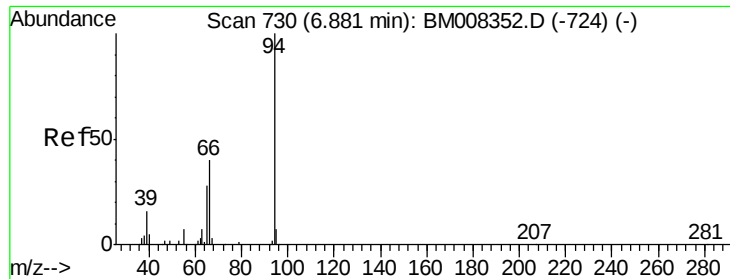
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 03:09:13 2016
Response via : Initial Calibration





#6

Phenol

Concen: 22.52 ng/ul

RT: 6.88 min Scan# 730

Delta R.T. 0.00 min

Lab File: BM008356.D

Acq: 15 Dec 2016 23:02

Instrument :

BNA_M

ClientSampleId :

DA8F8MSD

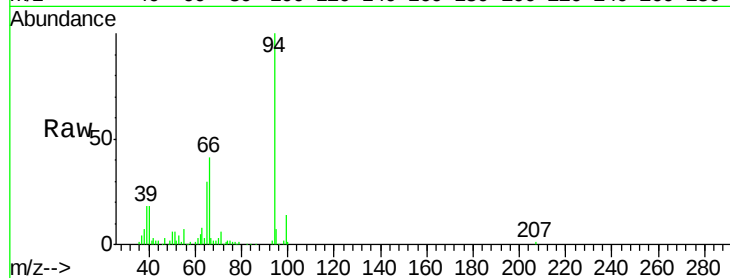
Tgt Ion: 94 Resp: 252257

Ion Ratio Lower Upper

94 100

65 30.1 22.6 34.0

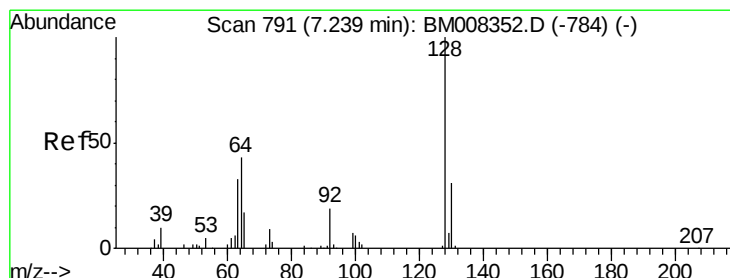
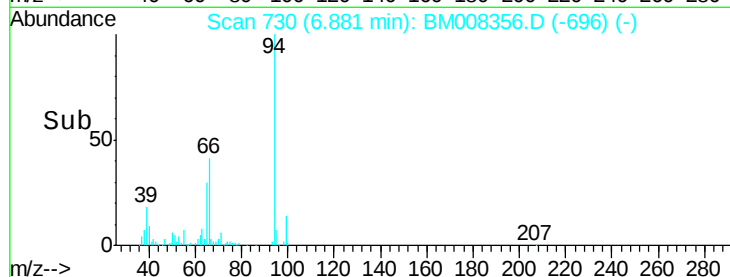
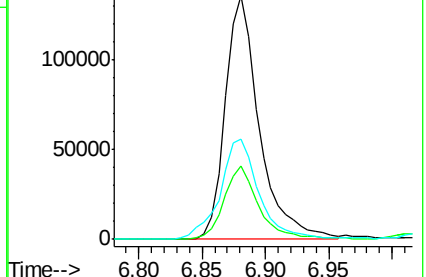
66 41.2 35.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BM008356.D (-696) (-)

Ion 65.00 (64.70 to 65.70): BM008356.D (-696) (-)

Ion 66.00 (65.70 to 66.70): BM008356.D (-696) (-)



#10

2-Chlorophenol

Concen: 21.51 ng/ul

RT: 7.23 min Scan# 790

Delta R.T. -0.01 min

Lab File: BM008356.D

Acq: 15 Dec 2016 23:02

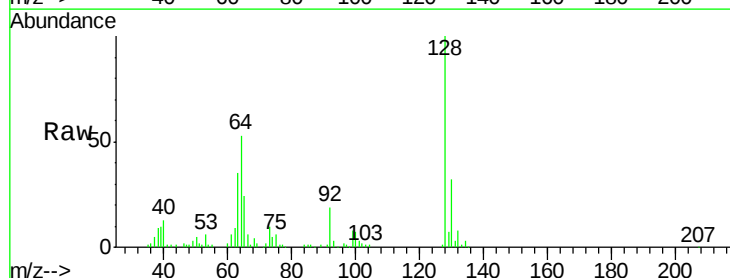
Tgt Ion: 128 Resp: 176381

Ion Ratio Lower Upper

128 100

64 52.7 40.0 60.0

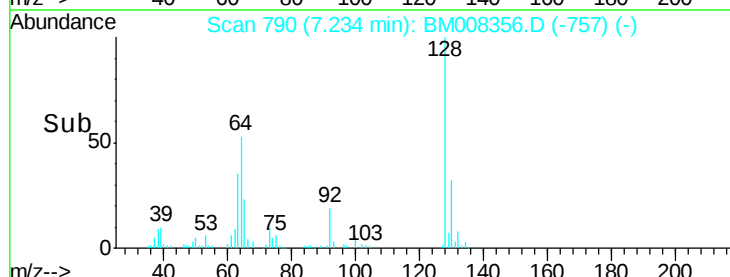
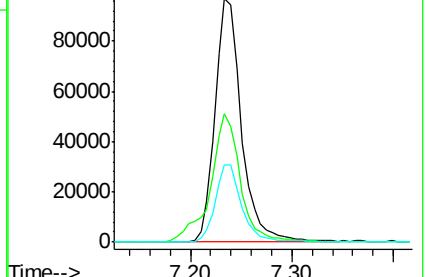
130 31.6 25.6 38.4

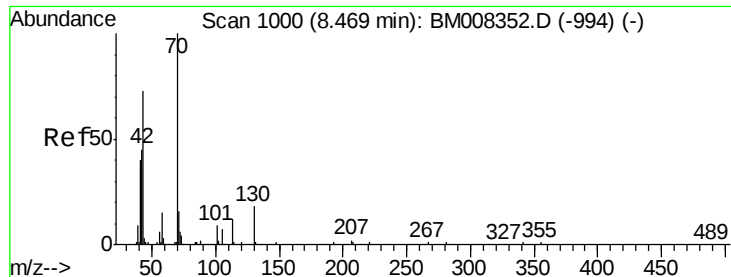


Abundance Ion 128.00 (127.70 to 128.70): BM008356.D (-757) (-)

Ion 64.00 (63.70 to 64.70): BM008356.D (-757) (-)

Ion 130.00 (129.70 to 130.70): BM008356.D (-757) (-)

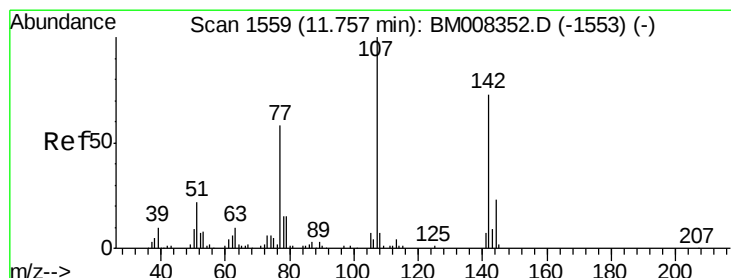
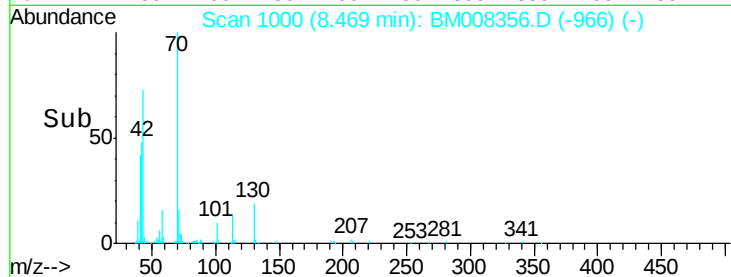
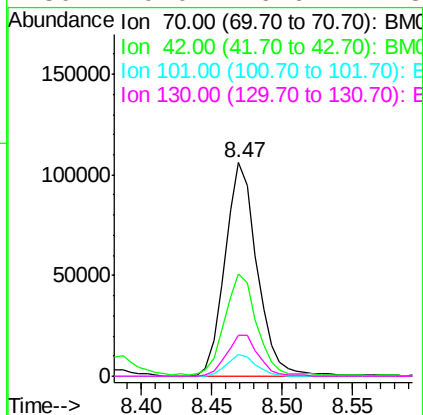
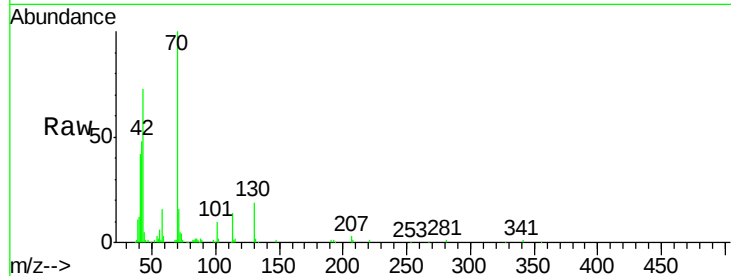




#15
N-Nitroso-di-n-propylamine
Concen: 24.15 ng/ul
RT: 8.47 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BM008356.D
Acq: 15 Dec 2016 23:02

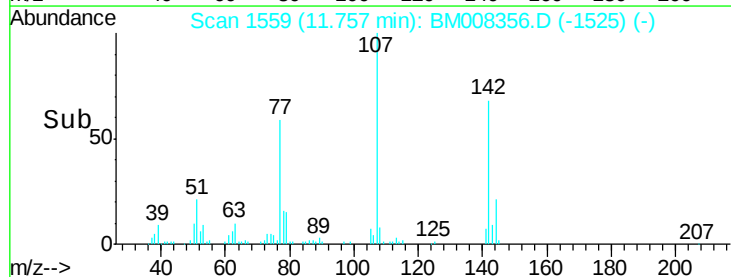
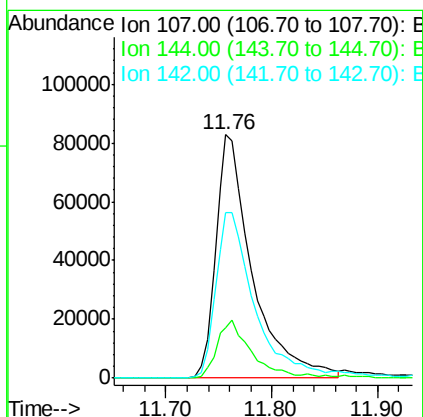
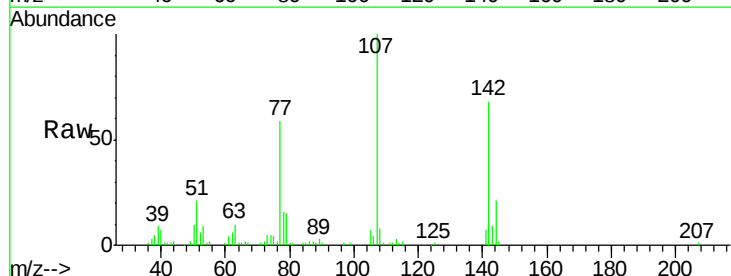
Instrument :
BNA_M
ClientSampleId :
DA8F8MSD

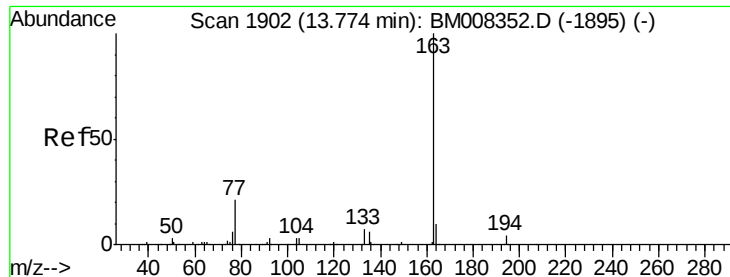
Tgt Ion:	70	Resp:	169559
Ion	Ratio	Lower	Upper
70	100		
42	48.2	38.6	57.8
101	9.9	8.2	12.4
130	19.0	16.6	24.8



#33
4-Chloro-3-methylphenol
Concen: 23.45 ng/ul
RT: 11.76 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BM008356.D
Acq: 15 Dec 2016 23:02

Tgt Ion:	107	Resp:	199532
Ion	Ratio	Lower	Upper
107	100		
144	20.6	17.9	26.9
142	68.1	57.0	85.6

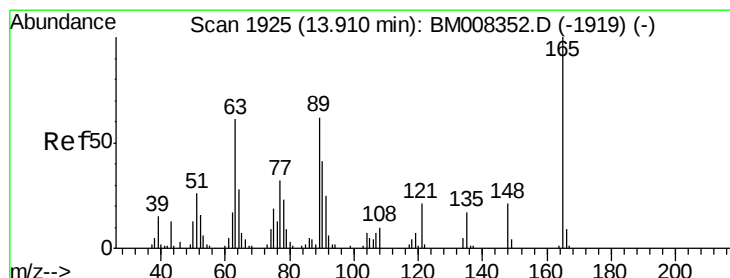
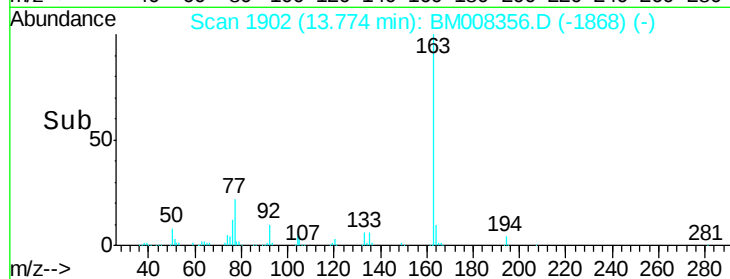
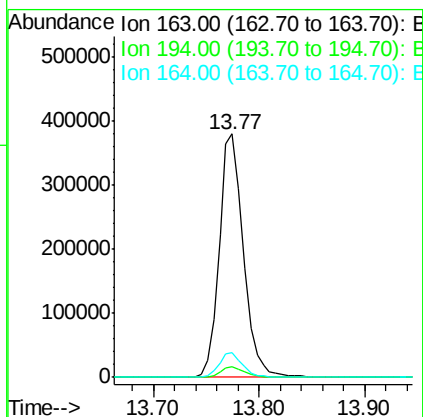
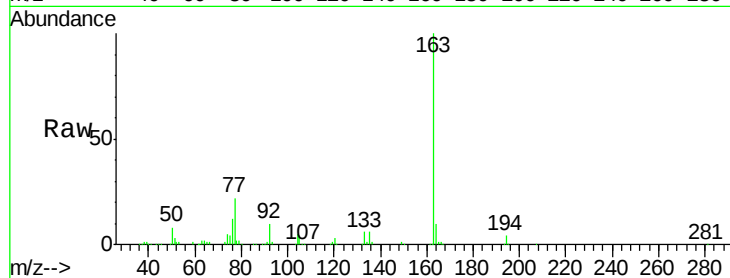




#44
Dimethylphthalate
Concen: 27.84 ng/ul
RT: 13.77 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BM008356.D
Acq: 15 Dec 2016 23:02

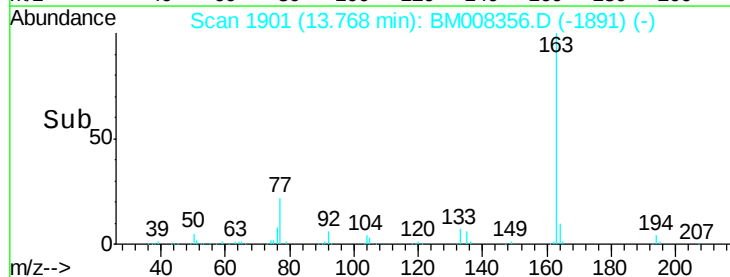
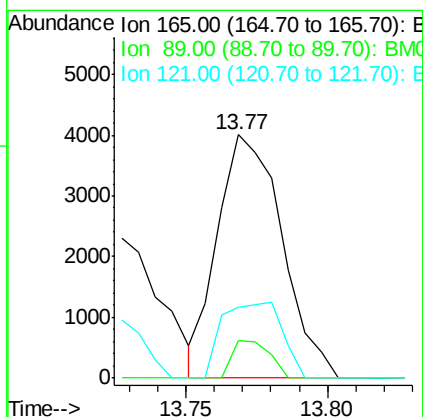
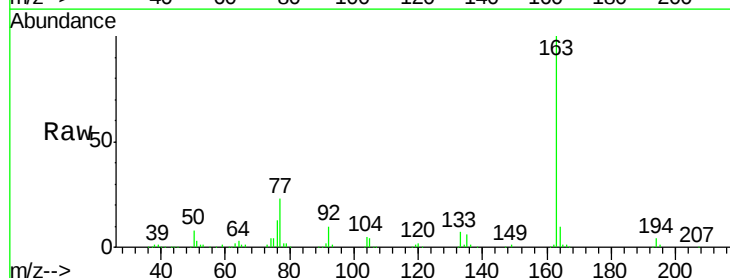
Instrument :
BNA_M
ClientSampleId :
DA8F8MSD

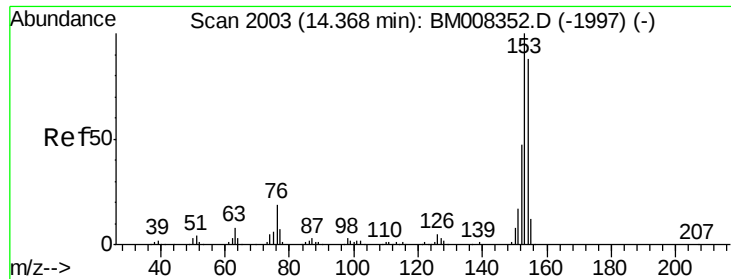
Tgt Ion:163 Resp: 604458
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 9.9 7.8 11.8



#45
2,6-Dinitrotoluene
Concen: 1.50 ng/ul
RT: 13.77 min Scan# 1901
Delta R.T. -0.14 min
Lab File: BM008356.D
Acq: 15 Dec 2016 23:02

Tgt Ion:165 Resp: 6358
Ion Ratio Lower Upper
165 100
89 15.5 52.0 78.0#
121 29.3 18.6 27.8#





#49

Acenaphthene

Concen: 26.71 ng/ul

RT: 14.37 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BM008356.D

Acq: 15 Dec 2016 23:02

Instrument :

BNA_M

ClientSampleId :

DA8F8MSD

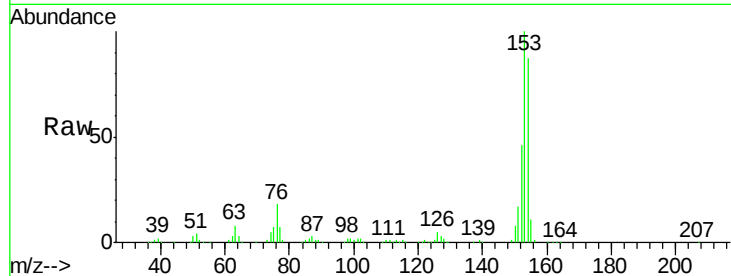
Tgt Ion:153 Resp: 489068

Ion Ratio Lower Upper

153 100

152 46.0 36.6 54.8

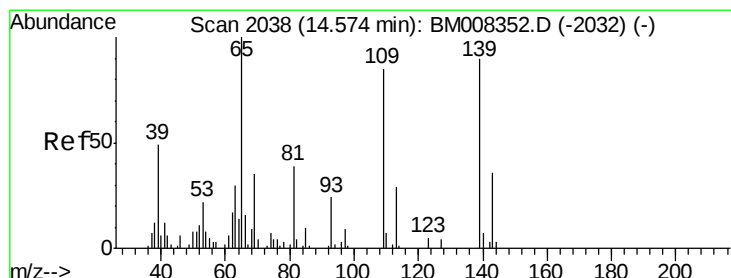
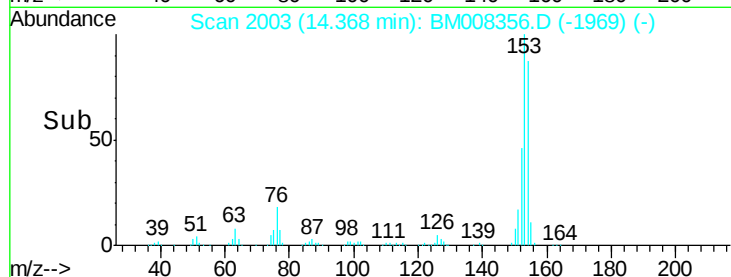
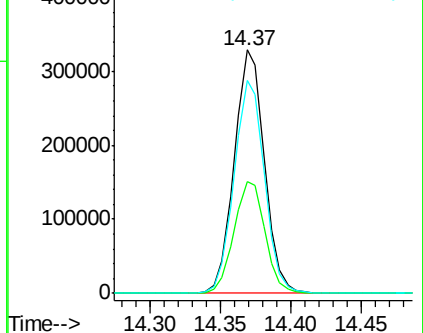
154 87.3 71.4 107.2



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



#52

4-Nitrophenol

Concen: 21.69 ng/ul

RT: 14.57 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BM008356.D

Acq: 15 Dec 2016 23:02

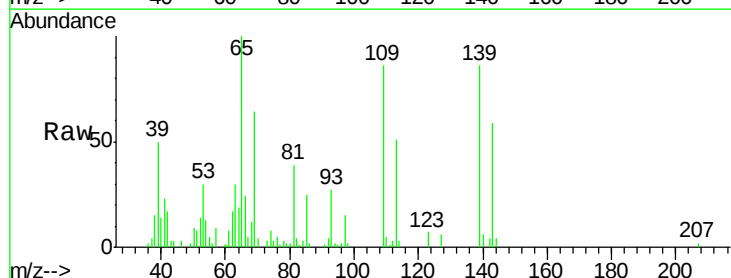
Tgt Ion:109 Resp: 67893

Ion Ratio Lower Upper

109 100

139 100.2 83.3 124.9

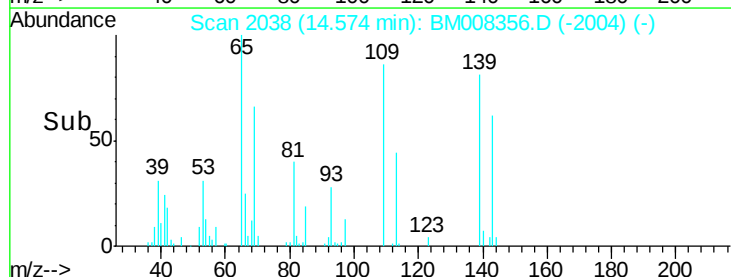
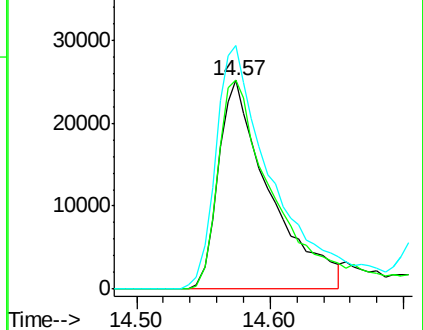
65 116.8 93.0 139.4

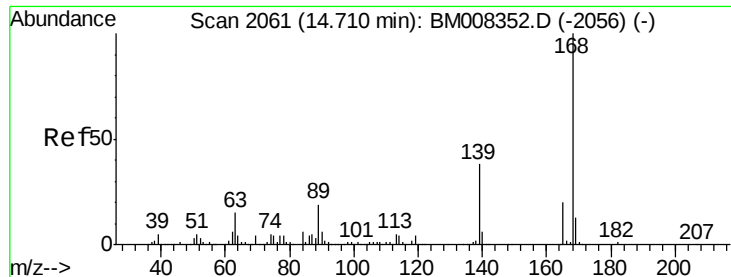


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E





#54

2,4-Dinitrotoluene

Concen: 25.96 ng/ul

RT: 14.72 min Scan# 2062

Delta R.T. 0.01 min

Lab File: BM008356.D

Acq: 15 Dec 2016 23:02

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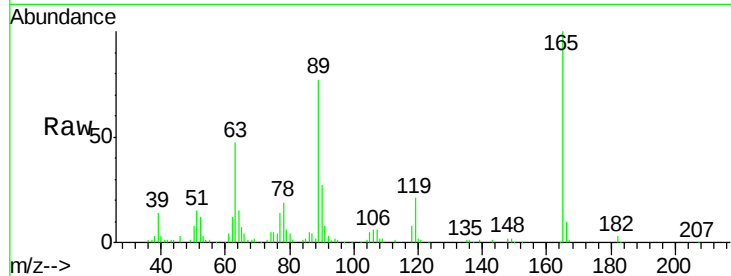
Tgt Ion:165 Resp: 164423

Ion Ratio Lower Upper

165 100

63 46.9 56.8 85.2#

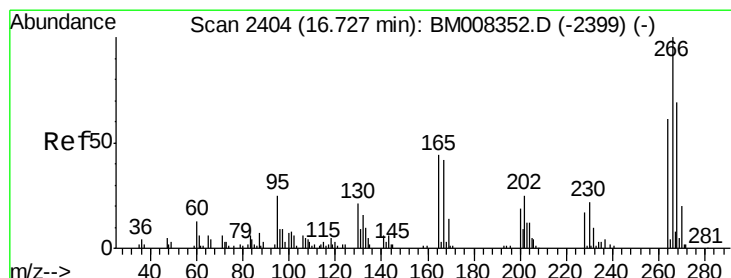
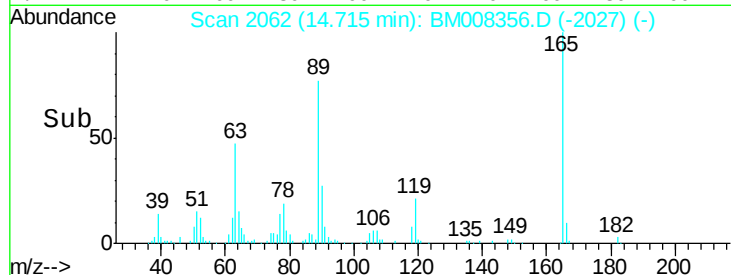
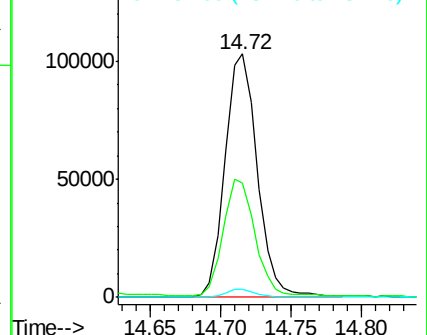
182 3.1 2.3 3.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#68

Pentachlorophenol

Concen: 21.20 ng/ul

RT: 16.73 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BM008356.D

Acq: 15 Dec 2016 23:02

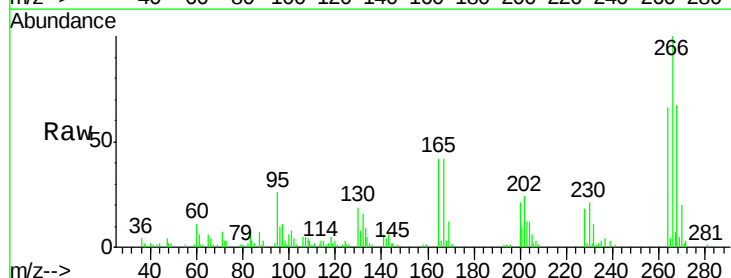
Tgt Ion:266 Resp: 93261

Ion Ratio Lower Upper

266 100

264 66.4 47.9 71.9

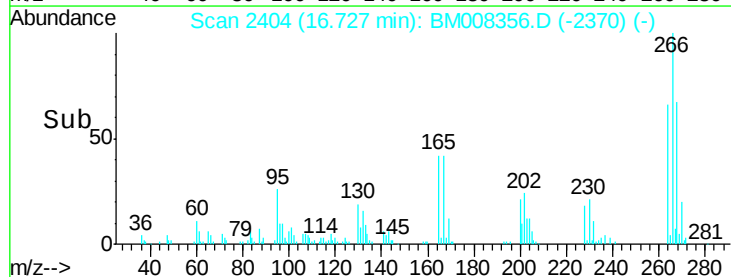
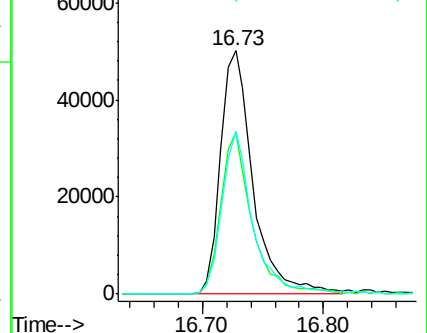
268 66.8 49.0 73.6

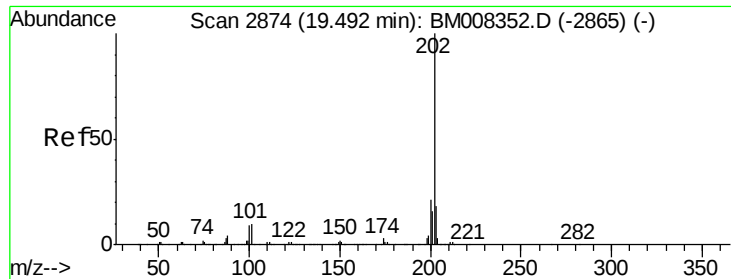


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#77

Pyrene

Concen: 30.50 ng/ul

RT: 19.49 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BM008356.D

Acq: 15 Dec 2016 23:02

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Tgt Ion: 202 Resp: 1208563

Ion Ratio Lower Upper

202 100

101 10.0 8.2 12.4

100 8.5 7.0 10.6

