

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091718\
 Data File : BM016780.D
 Acq On : 17 Sep 2018 22:40
 Operator : SJ/JU
 Sample : J4874-25MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A3ZB9MSD

Quant Time: Sep 18 01:57:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 18 01:29:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	229190	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	940153	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	502130	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	1133106	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1243869	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	1340526	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	33295	6.21	ng/uL	0.00
5) Phenol-d5	6.90	99	185003	9.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	453112	37.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	520937	33.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	322696	21.57	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	285851	46.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	261751	46.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	525081	36.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	8892	0.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	1735955	43.06	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	2171659	41.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	60365	9.12	ng/ul	0.00
58) Fluorene-d10	15.36	176	1568895	44.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	196552	42.26	ng/ul	0.00
71) Anthracene-d10	17.22	188	2465202	45.09	ng/ul	0.00
79) Pyrene-d10	19.51	212	2768196	45.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	3204068	45.82	ng/ul	0.00

Target Compounds

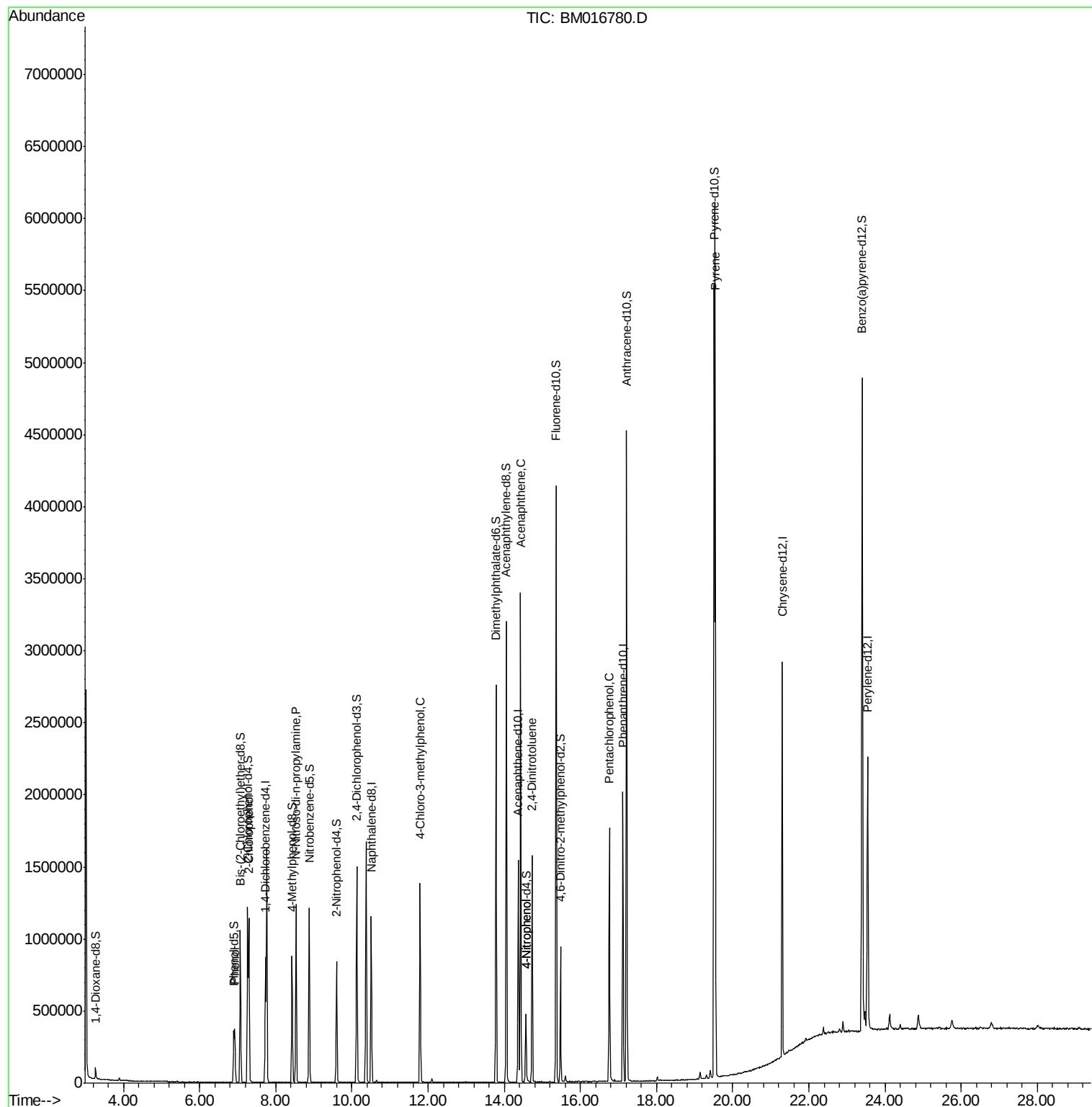
					Ovalue
6) Phenol	6.92	94	184649	9.569	ng/ul 97
10) 2-Chlorophenol	7.29	128	487150	30.742	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.53	70	417729	36.006	ng/ul 92
33) 4-Chloro-3-methylphenol	11.79	107	458391	31.896	ng/ul 93
50) Acenaphthene	14.43	153	1382047	39.494	ng/ul 99
53) 4-Nitrophenol	14.57	109	52480	10.293	ng/ul# 82
55) 2,4-Dinitrotoluene	14.73	165	418297	47.003	ng/ul 96
69) Pentachlorophenol	16.76	266	302293	40.517	ng/ul 97
80) Pvrene	19.54	202	3351175	43.877	ng/ul# 88

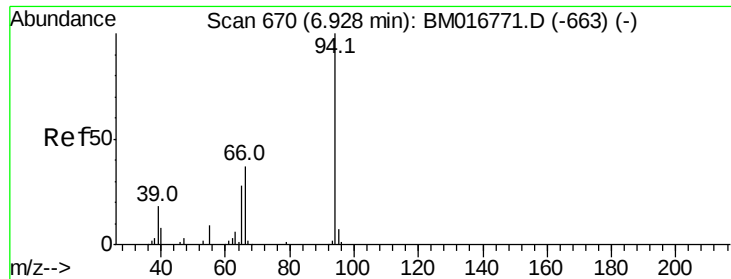
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 9.569 ng/ul

RT: 6.92 min Scan# 669

Delta R.T. -0.01 min

Lab File: BM016780.D

Acq: 17 Sep 2018 22:40

Instrument :

BNA_M

ClientSampleId :

A3ZB9MSD

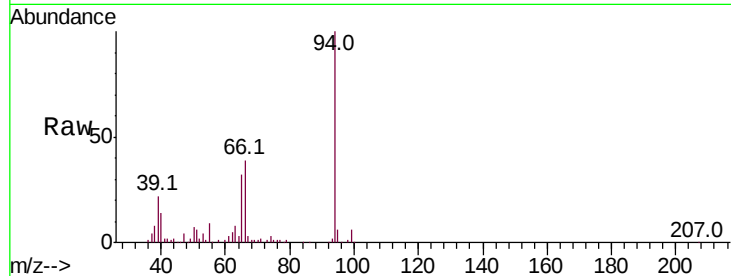
Tot Ion: 94 Resp: 184649

Ion Ratio Lower Upper

94 100

65 31.8 23.0 34.6

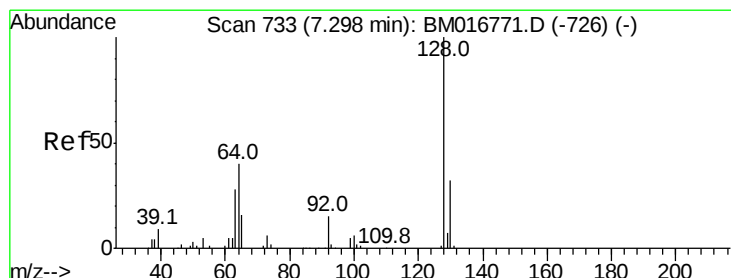
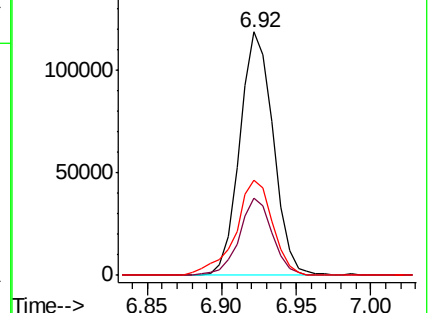
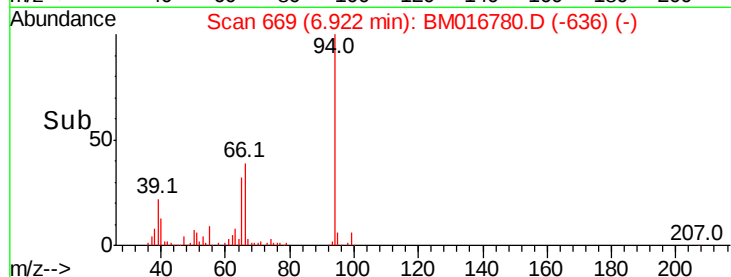
66 38.9 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM016771.D (-663) (-)

Ion 65.00 (64.70 to 65.70): BM016771.D (-663) (-)

Ion 66.00 (65.70 to 66.70): BM016771.D (-663) (-)



#10

2-Chlorophenol

Concen: 30.742 ng/ul

RT: 7.29 min Scan# 732

Delta R.T. -0.01 min

Lab File: BM016780.D

Acq: 17 Sep 2018 22:40

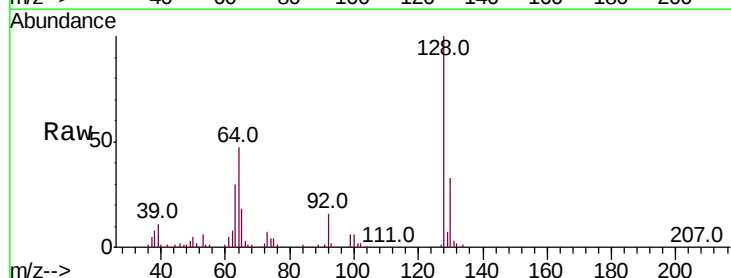
Tgt Ion: 128 Resp: 487150

Ion Ratio Lower Upper

128 100

64 46.8 39.8 59.6

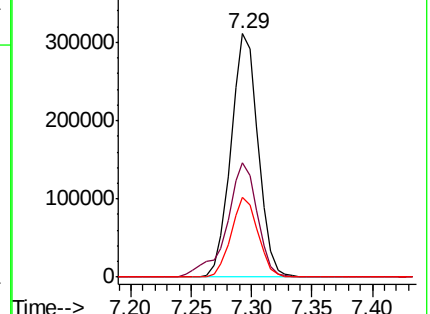
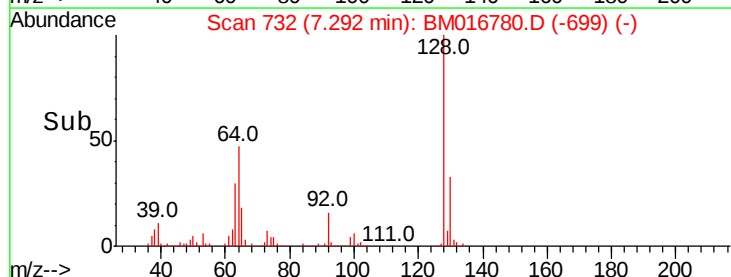
130 32.6 25.8 38.8

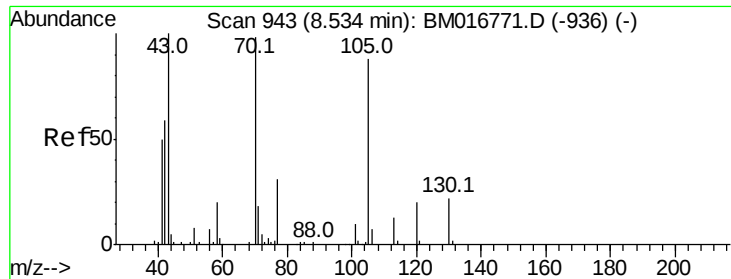


Abundance Ion 128.00 (127.70 to 128.70): BM016771.D (-726) (-)

Ion 64.00 (63.70 to 64.70): BM016771.D (-726) (-)

Ion 130.00 (129.70 to 130.70): BM016771.D (-726) (-)

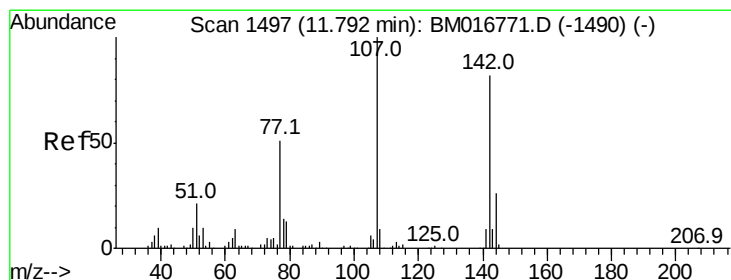
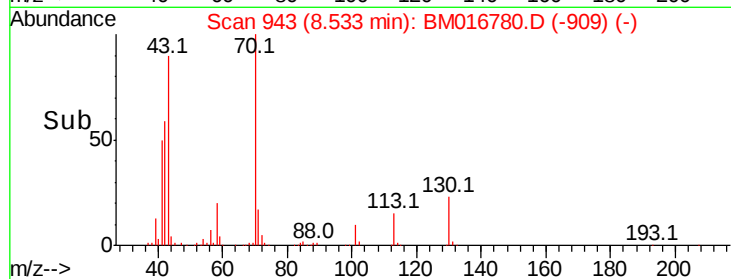
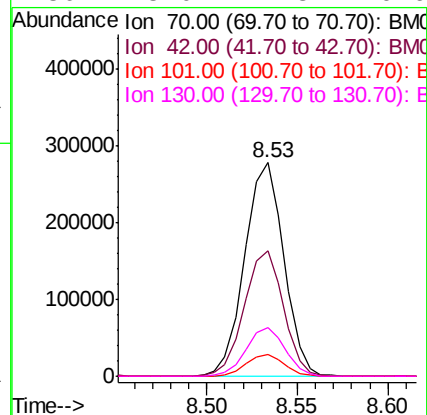
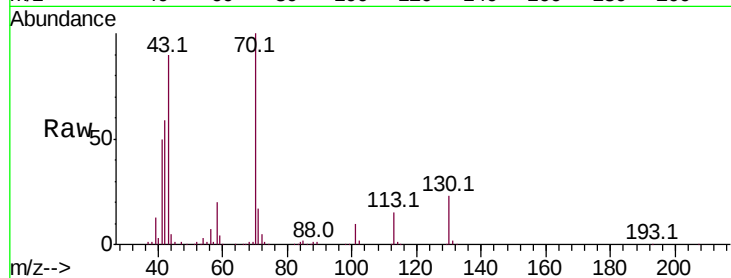




#15
N-Nitroso-di-n-propylamine
Concen: 36.006 ng/ul
RT: 8.53 min Scan# 943
Delta R.T. -0.00 min
Lab File: BM016780.D
Acq: 17 Sep 2018 22:40

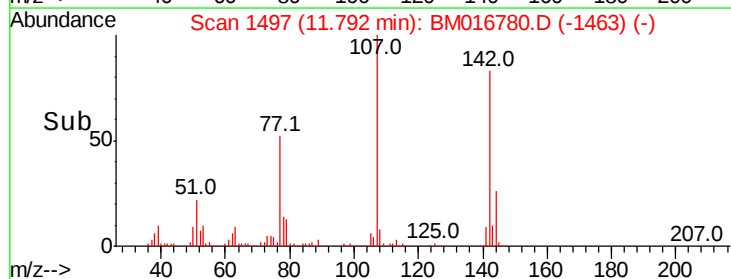
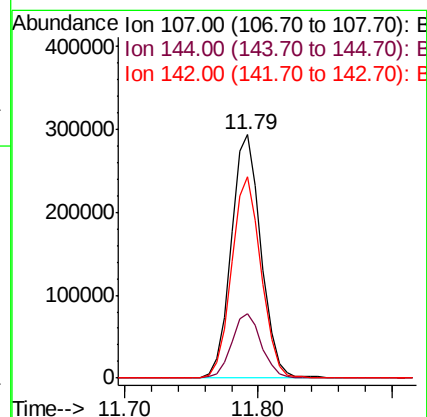
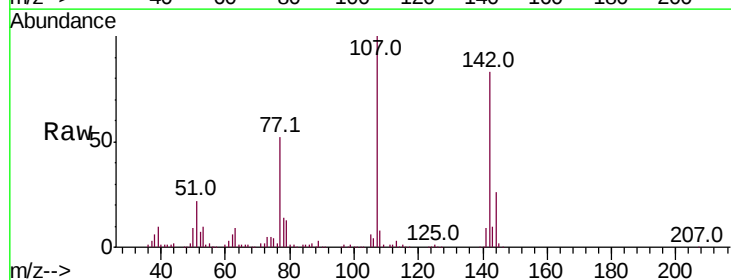
Instrument :
BNA_M
ClientSampleId :
A3ZB9MSD

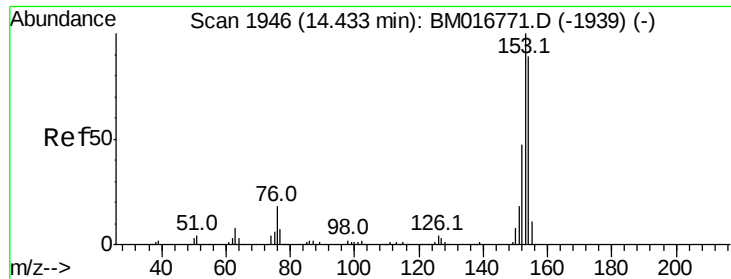
Tot Ion:	70	Resp:	417729
Ion	Ratio	Lower	Upper
70	100		
42	59.0	40.2	60.4
101	10.3	7.7	11.5
130	23.0	17.8	26.6



#33
4-Chloro-3-methylphenol
Concen: 31.896 ng/ul
RT: 11.79 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BM016780.D
Acq: 17 Sep 2018 22:40

Tgt Ion:	107	Resp:	458391
Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.1	31.7
142	82.9	60.1	90.1





#50

Acenaphthene

Concen: 39.494 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BM016780.D

Acq: 17 Sep 2018 22:40

Instrument :

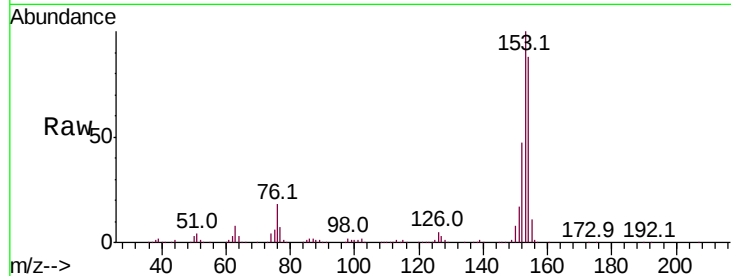
BNA_M

ClientSampleId :

A3ZB9MSD

Tot Ion:153 Resp: 1382047

Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.9	56.9
154	87.9	69.8	104.6

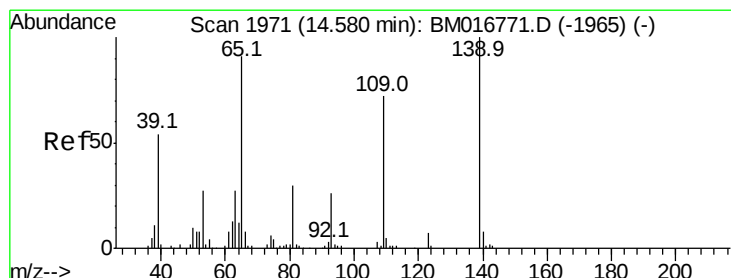
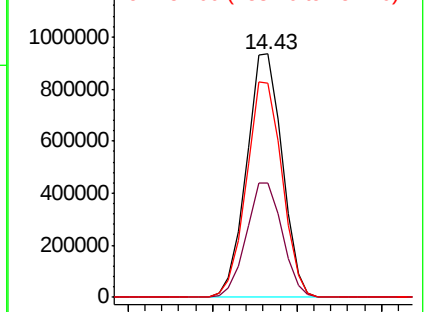
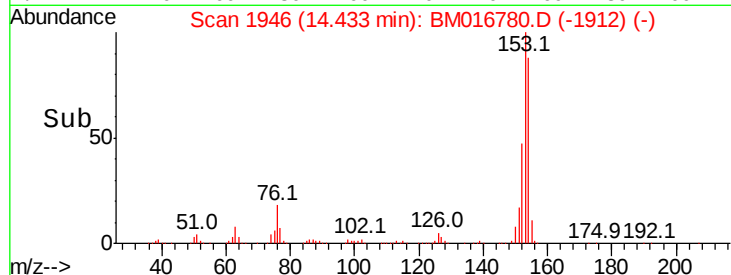


Abundance

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: 10.293 ng/ul

RT: 14.57 min Scan# 1970

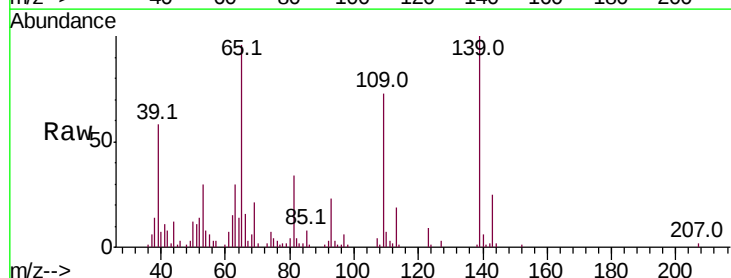
Delta R.T. -0.01 min

Lab File: BM016780.D

Acq: 17 Sep 2018 22:40

Tgt Ion:109 Resp: 52480

Ion	Ratio	Lower	Upper
109	100		
139	137.4	91.2	136.8#
65	131.4	92.6	139.0

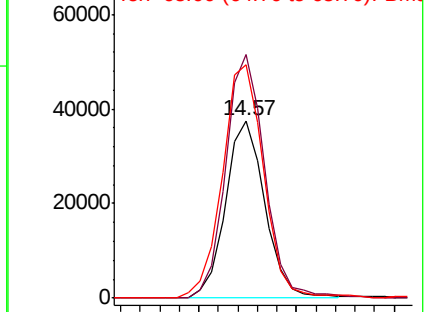
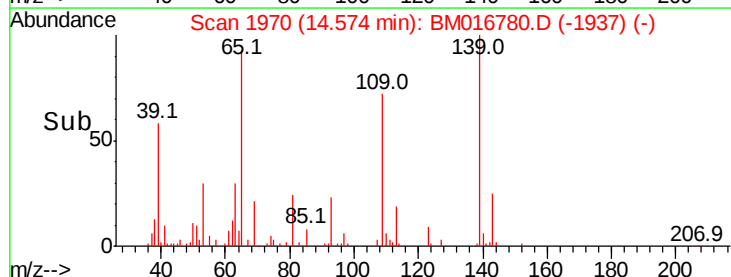


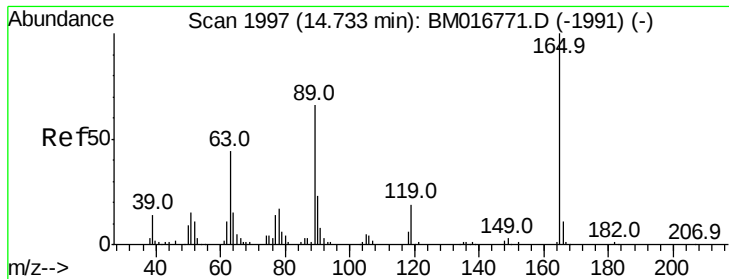
Abundance

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





#55

2,4-Dinitrotoluene

Concen: 47.003 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BM016780.D

Acq: 17 Sep 2018 22:40

Instrument :

BNA_M

ClientSampleId :

A3ZB9MSD

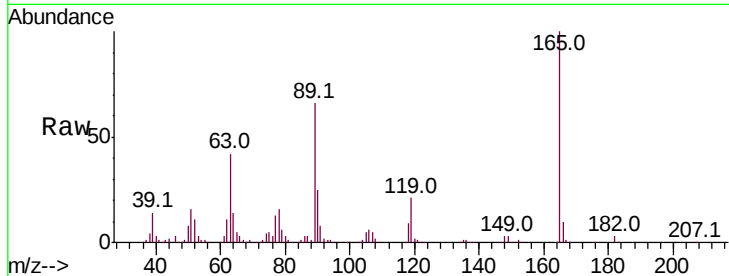
Tot Ion:165 Resp: 418297

Ion Ratio Lower Upper

165 100

63 41.6 31.4 47.0

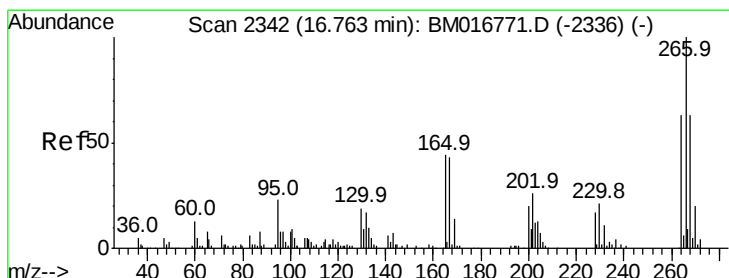
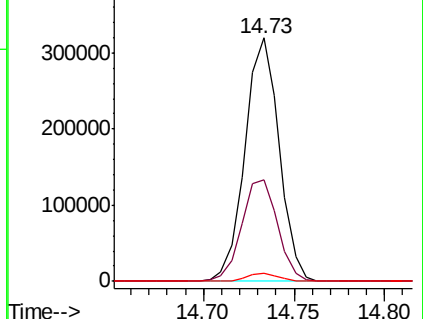
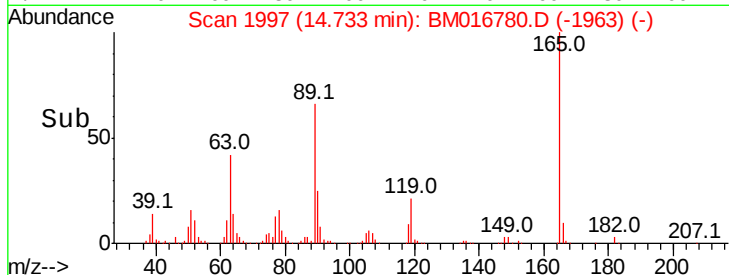
182 3.2 2.7 4.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E



#69

Pentachlorophenol

Concen: 40.517 ng/ul

RT: 16.76 min Scan# 2342

Delta R.T. -0.00 min

Lab File: BM016780.D

Acq: 17 Sep 2018 22:40

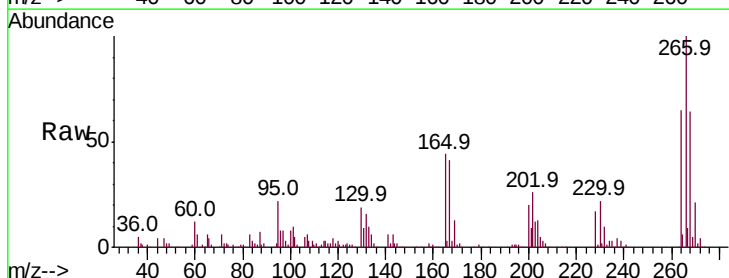
Tgt Ion:266 Resp: 302293

Ion Ratio Lower Upper

266 100

264 64.8 48.2 72.4

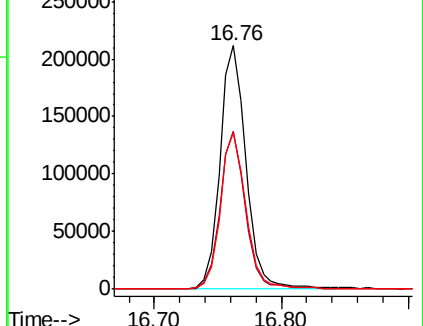
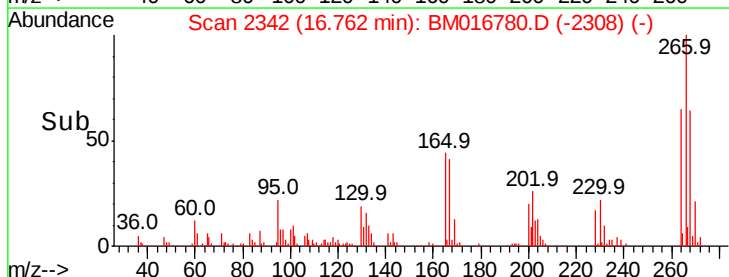
268 64.5 52.3 78.5

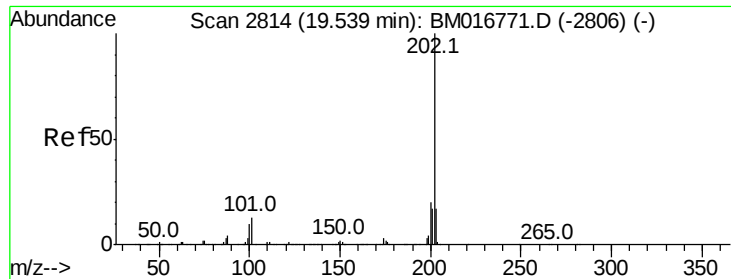


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

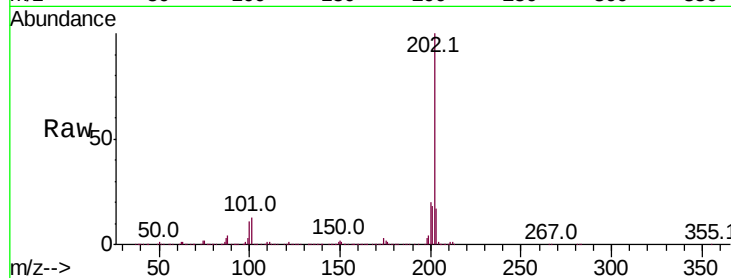




#80
 Pvrene
 Concen: 43.877 ng/ul
 RT: 19.54 min Scan# 2814
 Delta R.T. -0.00 min
 Lab File: BM016780.D
 Acq: 17 Sep 2018 22:40

Instrument :
 BNA_M
 ClientSampleId :
 A3ZB9MSD

Tot Ion:202 Resp: 3351175
 Ion Ratio Lower Upper
 202 100
 101 13.0 6.9 10.3#
 100 10.7 5.6 8.4#



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

