

Data File : BN004160.D
Acq On : 21 Dec 2018 15:10
Operator : JU/SJ
Sample : J6485-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ETO80MS

Quant Time: Dec 22 04:19:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 22 04:16:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	24513	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	119766	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	78676	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	192492	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	231340	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	235109	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	2010	5.37	ng/uL	0.00
5) Phenol-d5	6.99	99	17416	7.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	43596	33.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	50954	26.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	33840	16.76	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	33639	35.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	38988	36.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	61706	31.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	2952	1.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	252208	35.91	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	300179	36.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	9519	6.56	ng/ul	0.00
57) Fluorene-d10	15.46	176	218805	36.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	41110	29.65	ng/ul	0.00
70) Anthracene-d10	17.31	188	359617	36.97	ng/ul	0.00
78) Pyrene-d10	19.61	212	410998	39.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.58	264	493542	38.69	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.02	94	18438	7.580	ng/ul 99
10) 2-Chlorophenol	7.39	128	49862	26.452	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.62	70	53631	35.961	ng/ul 98
33) 4-Chloro-3-methylphenol	11.90	107	66680	30.214	ng/ul 98
49) Acenaphthene	14.53	153	199425	35.281	ng/ul 99
52) 4-Nitrophenol	14.69	109	6544	7.137	ng/ul 94
54) 2,4-Dinitrotoluene	14.85	165	76151	35.170	ng/ul 100
56) Diethylphthalate	15.27	149	7776	1.109	ng/ul 99
68) Pentachlorophenol	16.86	266	48839	31.597	ng/ul 98
79) Pyrene	19.64	202	515401	39.879	ng/ul 99

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

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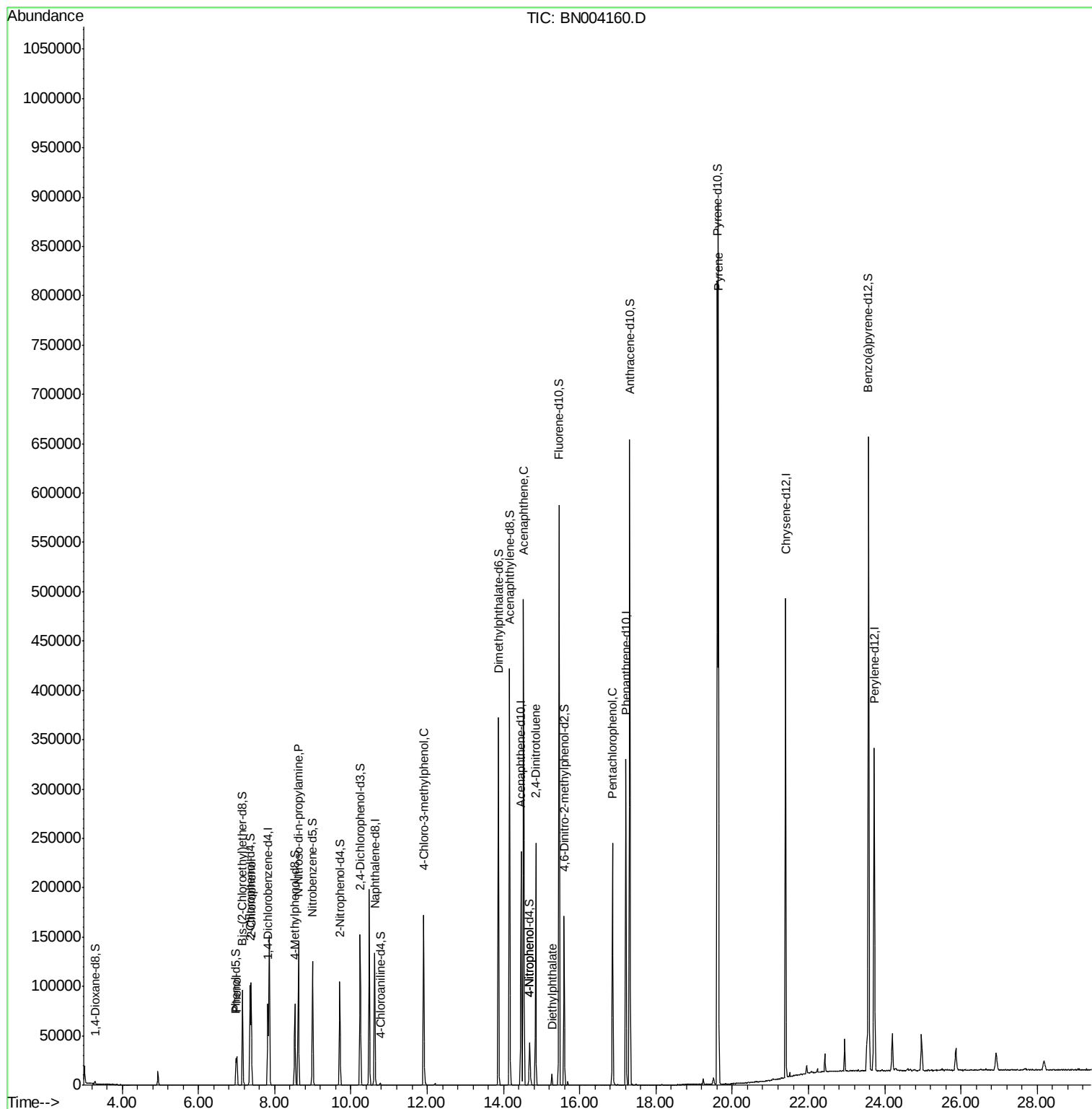
Quant Time: Dec 22 04:19:56 2018

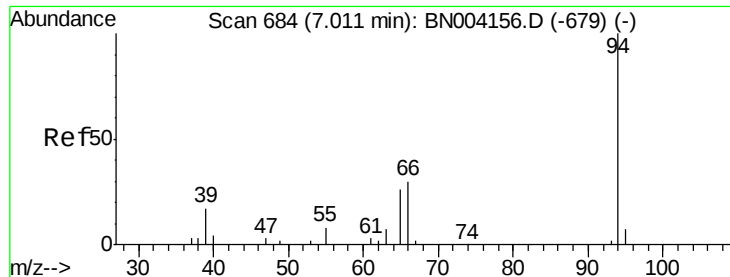
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 22 04:16:53 2018

Response via : Initial Calibration





#6

Phenol

Concen: 7.580 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. 0.01 min

Lab File: BN004160.D

Acq: 21 Dec 2018 15:10

Instrument :

BNA_N

ClientSampleId :

ETO80MS

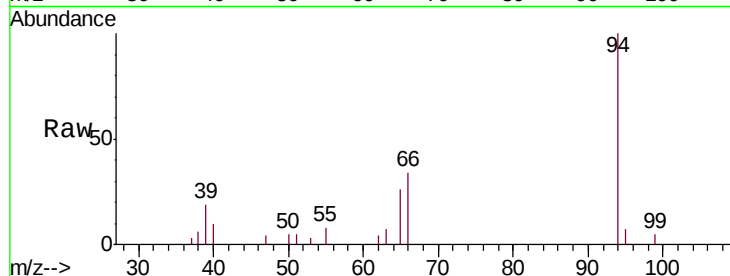
Tgt Ion: 94 Resp: 18438

Ion Ratio Lower Upper

94 100

65 25.6 21.2 31.8

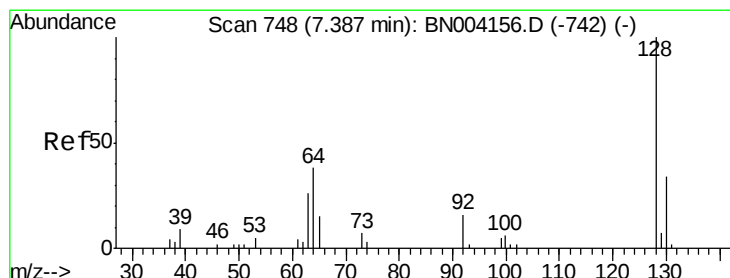
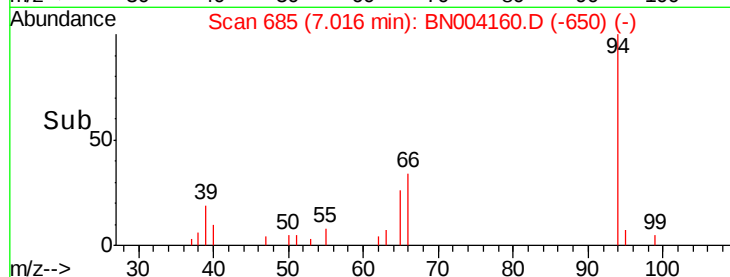
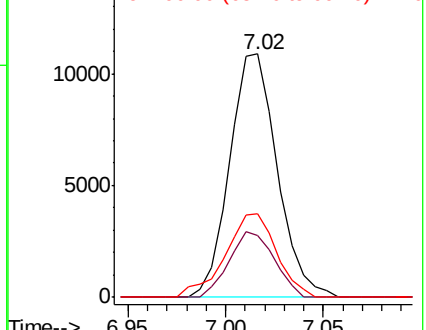
66 34.3 26.9 40.3



Abundance Ion 94.00 (93.70 to 94.70): BN004156.D (-679) (-)

Ion 65.00 (64.70 to 65.70): BN004156.D (-679) (-)

Ion 66.00 (65.70 to 66.70): BN004156.D (-679) (-)



#10

2-Chlorophenol

Concen: 26.452 ng/ul

RT: 7.39 min Scan# 748

Delta R.T. -0.00 min

Lab File: BN004160.D

Acq: 21 Dec 2018 15:10

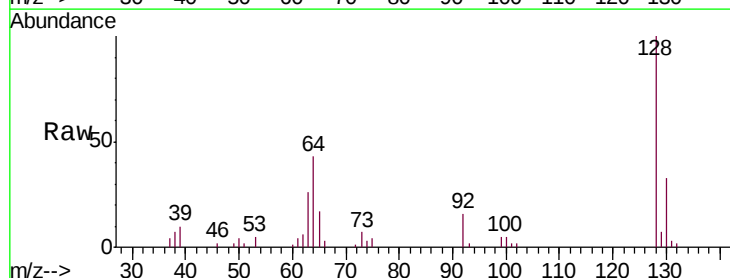
Tgt Ion: 128 Resp: 49862

Ion Ratio Lower Upper

128 100

64 42.9 33.8 50.6

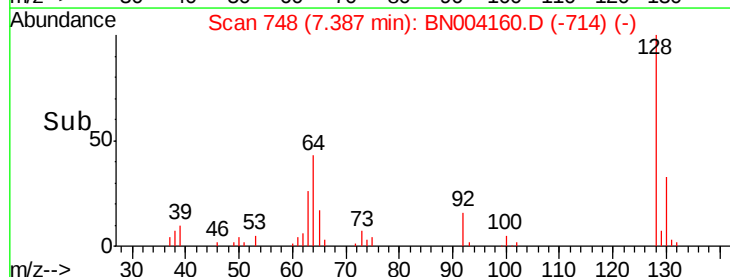
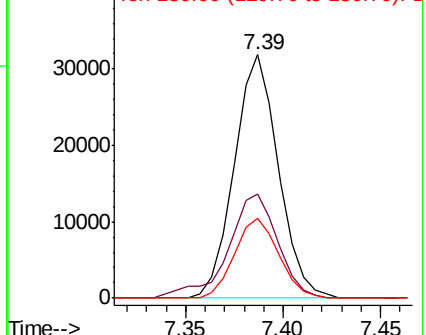
130 32.6 25.4 38.0

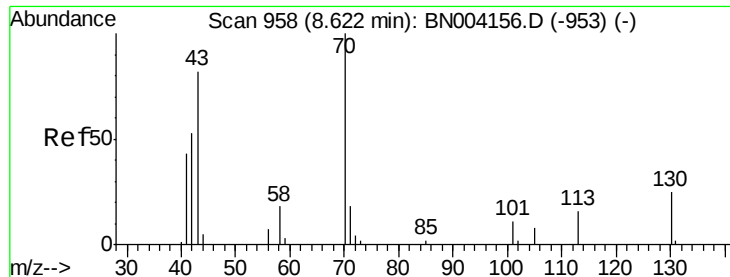


Abundance Ion 128.00 (127.70 to 128.70): BN004156.D (-742) (-)

Ion 64.00 (63.70 to 64.70): BN004156.D (-742) (-)

Ion 130.00 (129.70 to 130.70): BN004156.D (-742) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 35.961 ng/ul

RT: 8.62 min Scan# 958

Delta R.T. -0.00 min

Lab File: BN004160.D

Acq: 21 Dec 2018 15:10

Instrument :

BNA_N

ClientSampled :

ETO80MS

Tgt Ion: 70 Resp: 53631

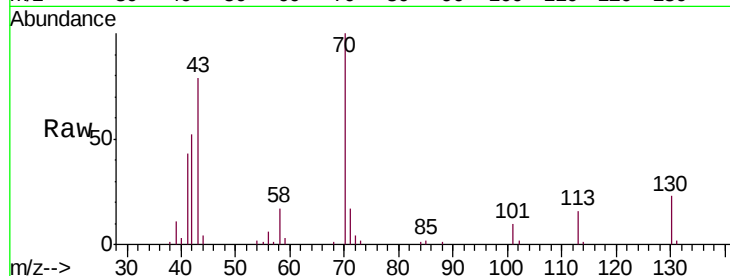
Ion Ratio Lower Upper

70 100

42 52.2 42.3 63.5

101 10.3 8.7 13.1

130 23.4 20.2 30.2

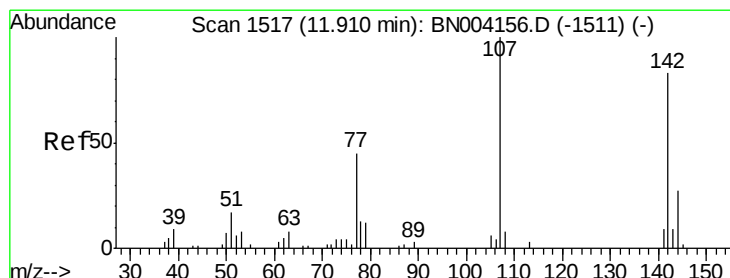
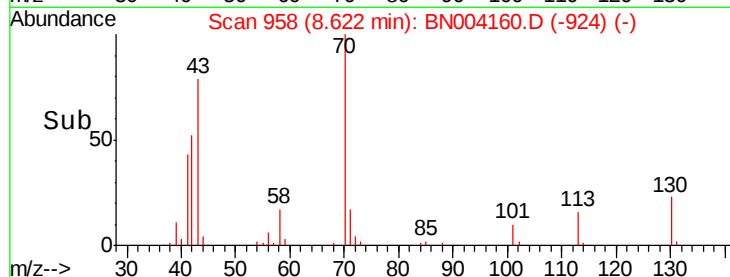
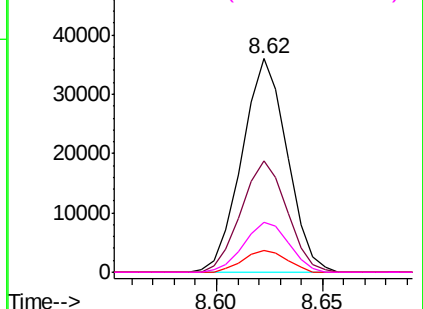


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 30.214 ng/ul

RT: 11.90 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BN004160.D

Acq: 21 Dec 2018 15:10

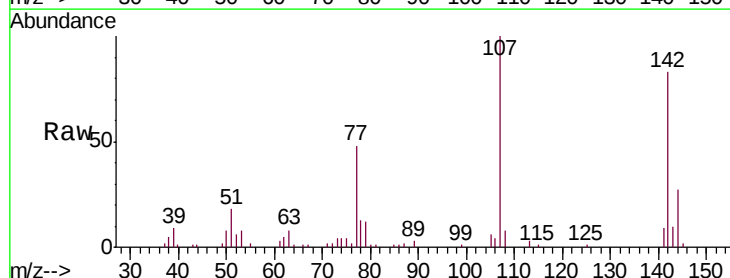
Tgt Ion: 107 Resp: 66680

Ion Ratio Lower Upper

107 100

144 27.2 21.1 31.7

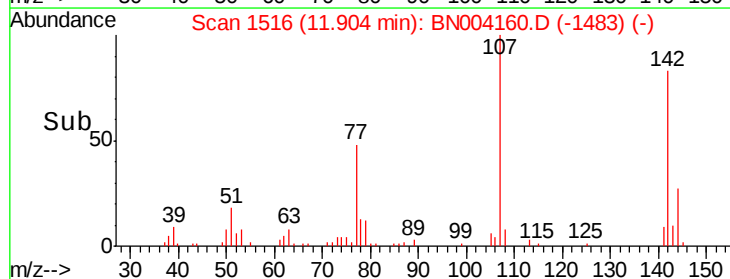
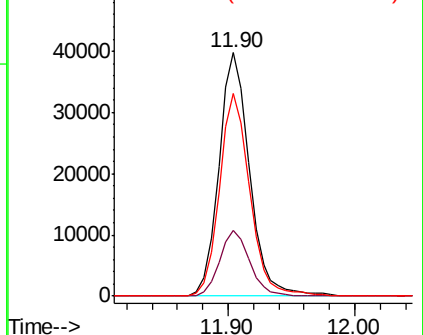
142 83.0 65.0 97.4

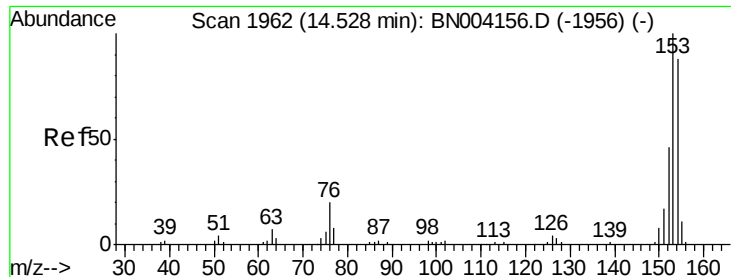


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#49

Acenaphthene

Concen: 35.281 ng/ul

RT: 14.53 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BN004160.D

Acq: 21 Dec 2018 15:10

Instrument :

BNA_N

ClientSampleId :

ETO80MS

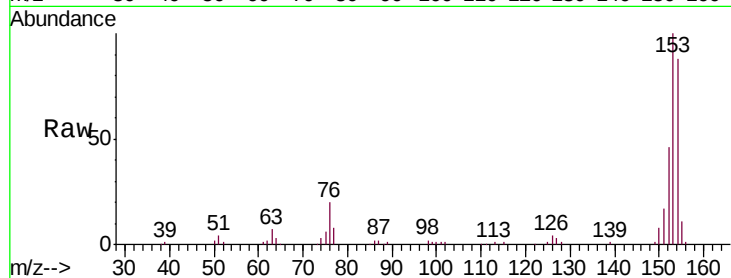
Tgt Ion:153 Resp: 199425

Ion Ratio Lower Upper

153 100

152 46.2 37.8 56.6

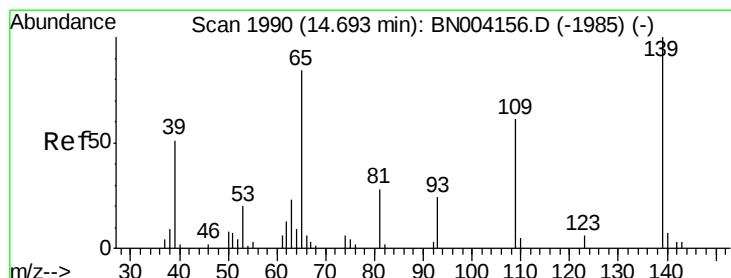
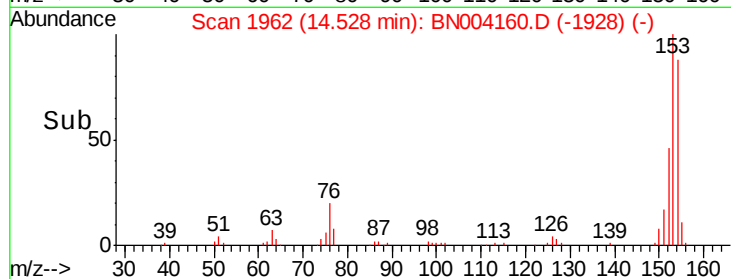
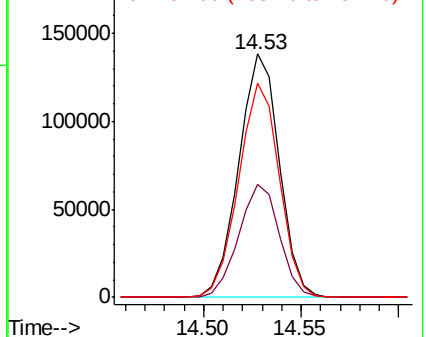
154 87.7 71.0 106.6



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



#52

4-Nitrophenol

Concen: 7.137 ng/ul

RT: 14.69 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BN004160.D

Acq: 21 Dec 2018 15:10

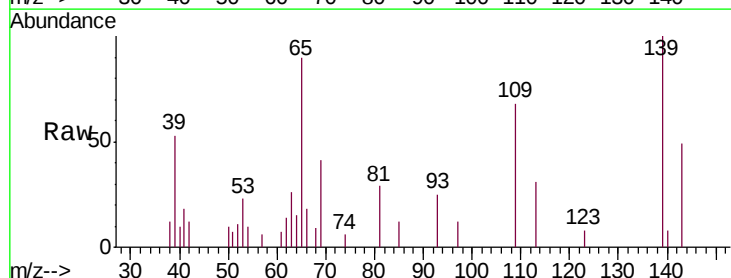
Tgt Ion:109 Resp: 6544

Ion Ratio Lower Upper

109 100

139 147.3 125.0 187.4

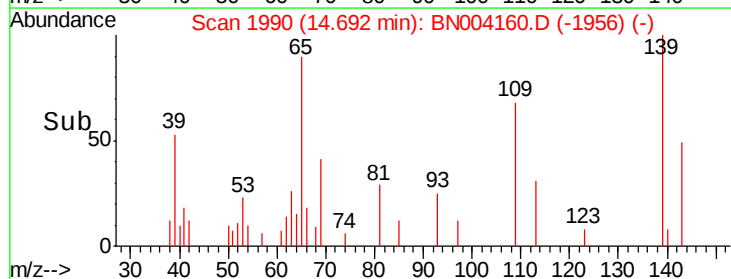
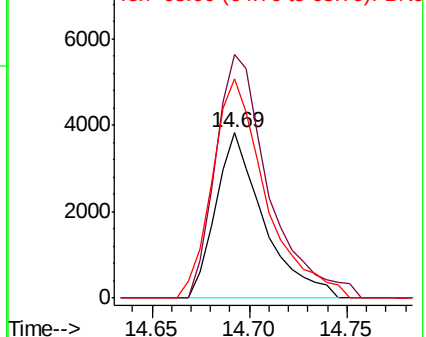
65 132.7 110.8 166.2

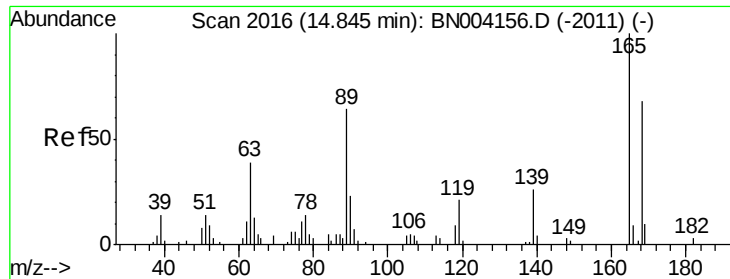


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO

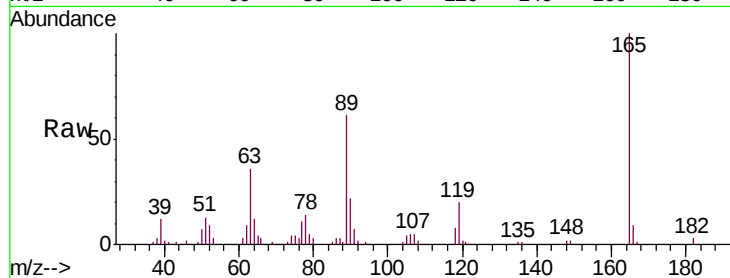




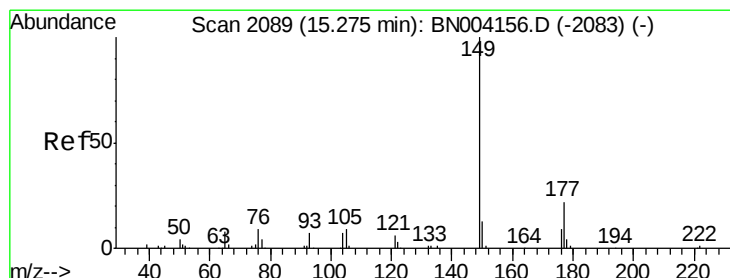
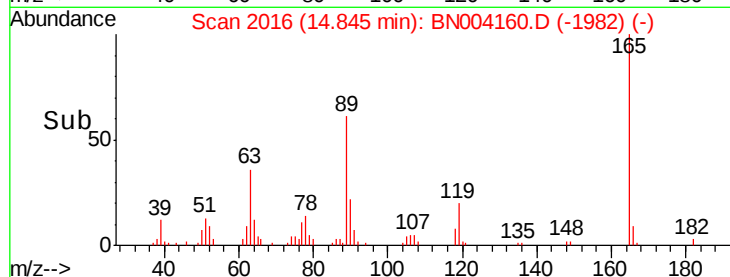
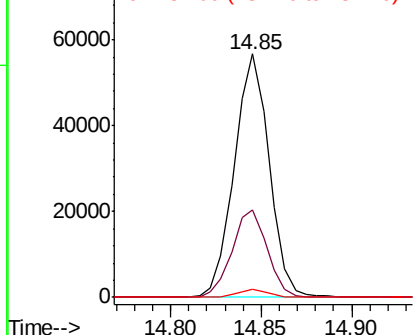
#54
2,4-Dinitrotoluene
Concen: 35.170 ng/ul
RT: 14.85 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BN004160.D
Acq: 21 Dec 2018 15:10

Instrument :
BNA_N
ClientSampleId :
ETO80MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.1	29.0	43.6
182	3.2	2.4	3.6

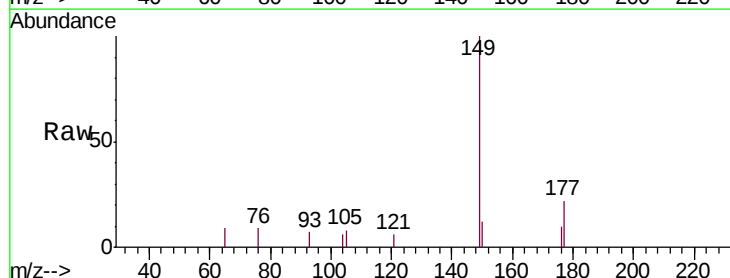


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BNO
Ion 182.00 (181.70 to 182.70): E

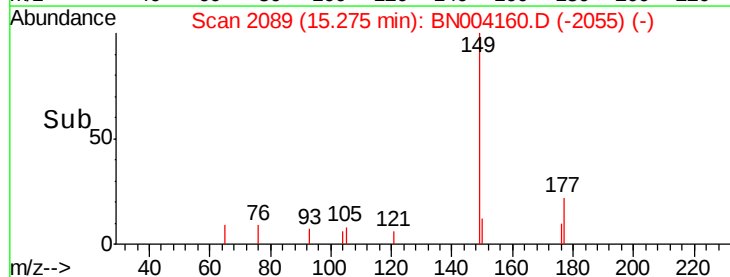
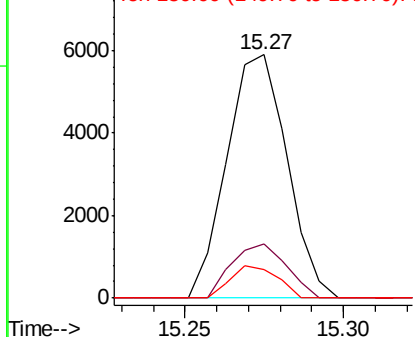


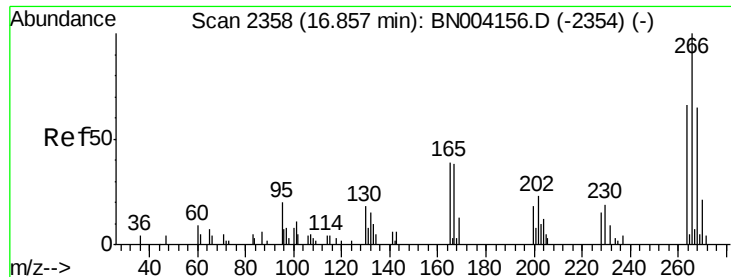
#56
Diethylphthalate
Concen: 1.109 ng/ul
RT: 15.27 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BN004160.D
Acq: 21 Dec 2018 15:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.6
150	11.6	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

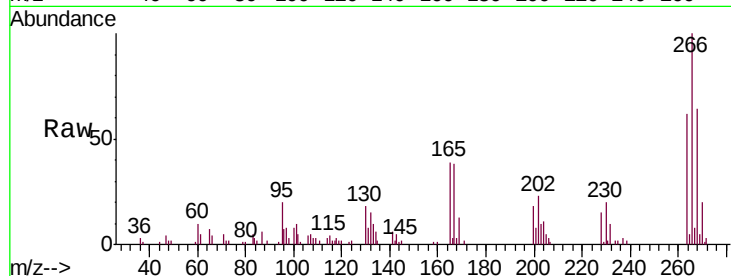




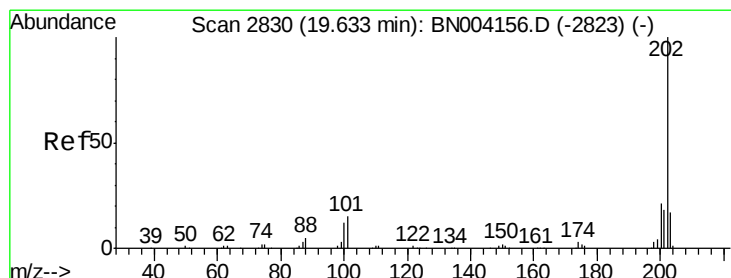
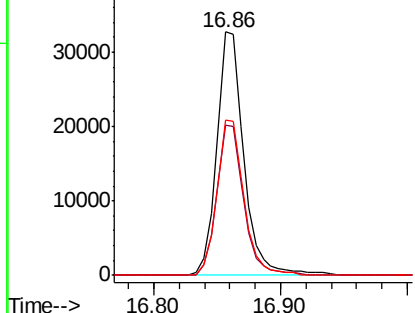
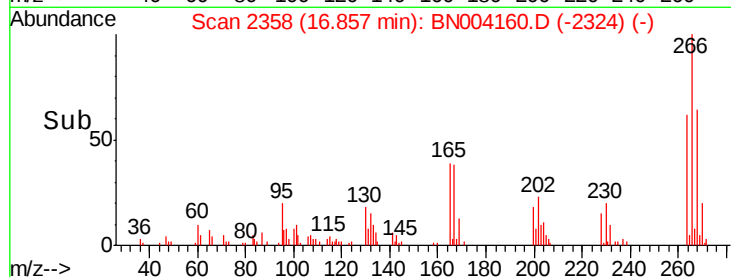
#68
 Pentachlorophenol
 Concen: 31.597 ng/ul
 RT: 16.86 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: BN004160.D
 Acq: 21 Dec 2018 15:10

Instrument :
 BNA_N
 ClientSampleId :
 ETO80MS

Tgt Ion: 266 Resp: 48839
 Ion Ratio Lower Upper
 266 100
 264 61.8 51.8 77.8
 268 63.6 50.7 76.1

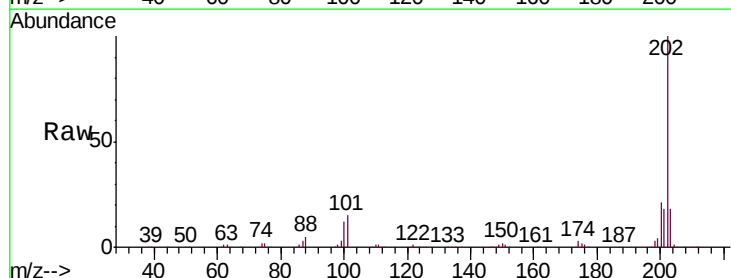


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 39.879 ng/ul
 RT: 19.64 min Scan# 2831
 Delta R.T. 0.01 min
 Lab File: BN004160.D
 Acq: 21 Dec 2018 15:10

Tgt Ion: 202 Resp: 515401
 Ion Ratio Lower Upper
 202 100
 101 14.7 12.2 18.2
 100 12.1 9.9 14.9



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

