

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083118\
 Data File : BN002560.D
 Acq On : 31 Aug 2018 15:09
 Operator : JU/SJ
 Sample : J4665-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 31 16:12:59 2018
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 25 04:34:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	162278	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	767319	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	472560	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1103515	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1163357	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	1099295	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	17290	5.03	ng/uL	0.00
5) Phenol-d5	6.85	99	417489	28.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	277328	29.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	336276	29.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	368568	30.98	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	183363	30.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	212452	33.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	371538	31.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	518169	40.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1401817	35.78	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1669386	34.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	186532	25.19	ng/ul	0.00
57) Fluorene-d10	15.29	176	1193985	35.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	181280	25.80	ng/ul	0.00
70) Anthracene-d10	17.15	188	1867104	35.42	ng/ul	0.00
78) Pyrene-d10	19.45	212	2072669	37.23	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	2106946	36.65	ng/ul	0.00

Target Compounds

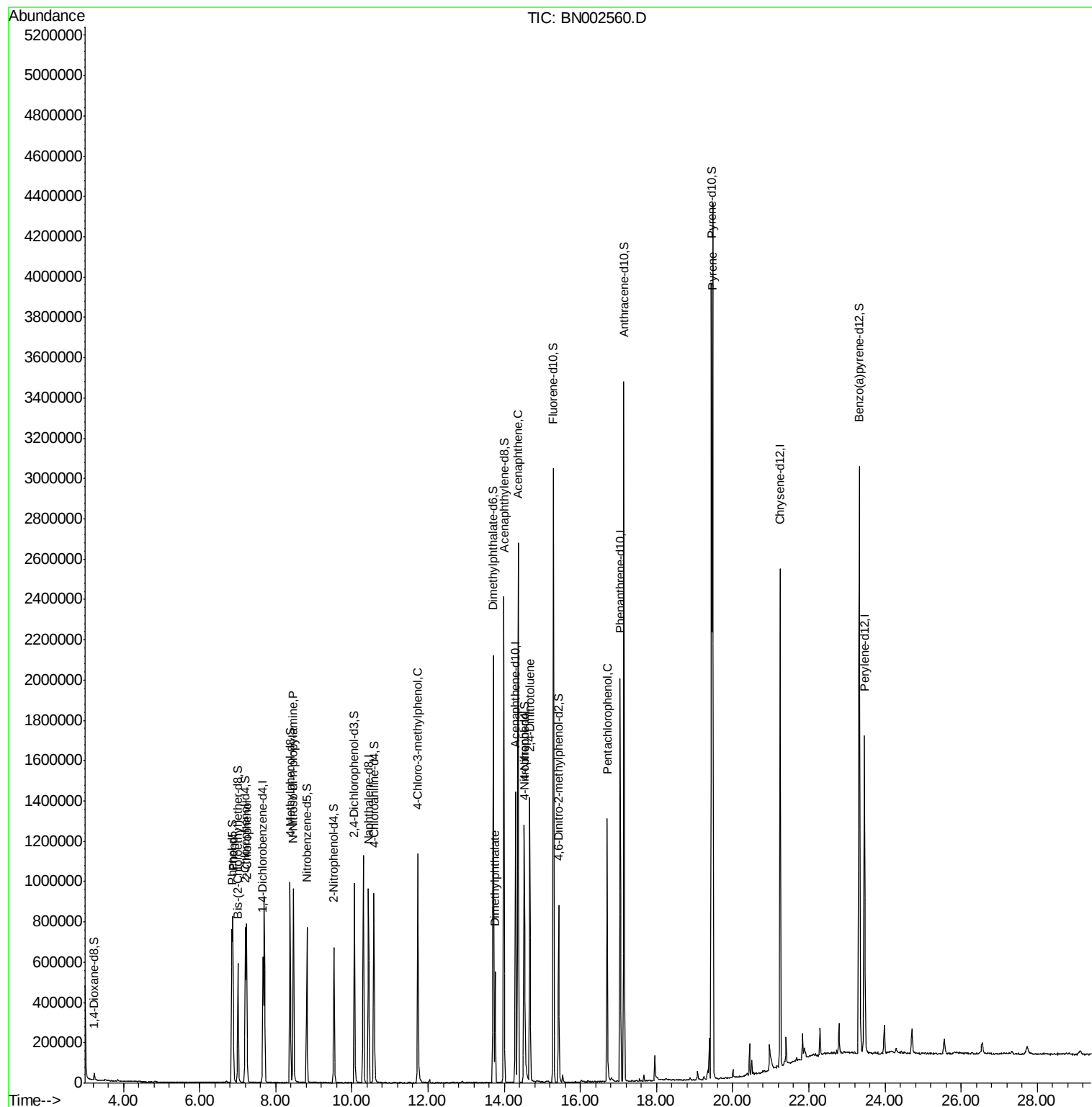
					Ovalue	
6) Phenol	6.88	94	422220	27.863	ng/ul	92
10) 2-Chlorophenol	7.23	128	327138	28.670	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.46	70	336553	33.539	ng/ul#	84
33) 4-Chloro-3-methylphenol	11.73	107	442919	33.680	ng/ul	100
44) Dimethylphthalate	13.76	163	335147	8.723	ng/ul	99
49) Acenaphthene	14.36	153	1071135	33.187	ng/ul	98
52) 4-Nitrophenol	14.53	109	176508	31.449	ng/ul#	90
54) 2,4-Dinitrotoluene	14.67	165	388319	33.180	ng/ul#	87
68) Pentachlorophenol	16.70	266	236283	33.597	ng/ul	99
79) Pyrene	19.47	202	2493939	35.553	ng/ul	99

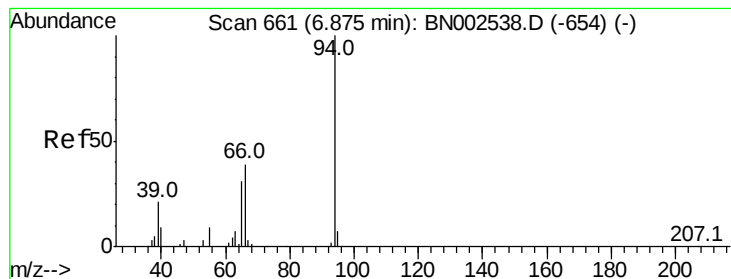
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 25 04:34:18 2018
Response via : Initial Calibration





#6

Phenol

Concen: 27.863 ng/ul

RT: 6.88 min Scan# 661

Delta R.T. -0.00 min

Lab File: BN002560.D

Acq: 31 Aug 2018 15:09

Instrument :

BNA_N

ClientSampleId :

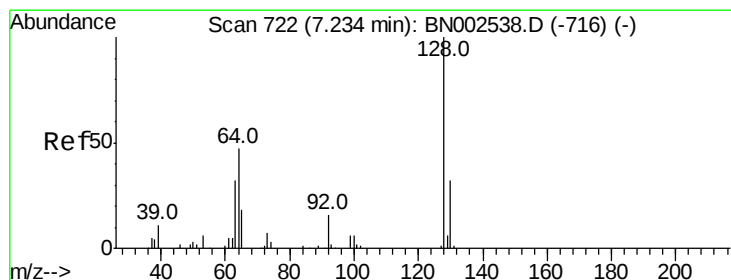
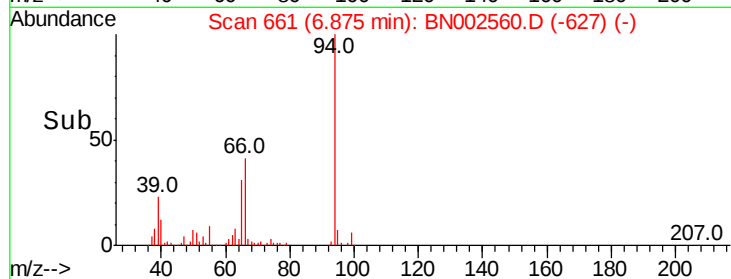
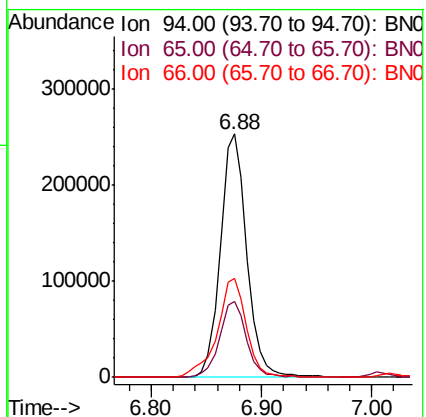
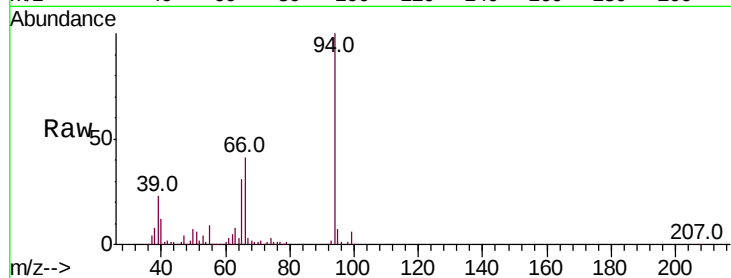
Tot Ion: 94 Resp: 422220

Ion Ratio Lower Upper

94 100

65 31.4 21.0 31.6

66 40.8 29.3 43.9



#10

2-Chlorophenol

Concen: 28.670 ng/ul

RT: 7.23 min Scan# 722

Delta R.T. -0.01 min

Lab File: BN002560.D

Acq: 31 Aug 2018 15:09

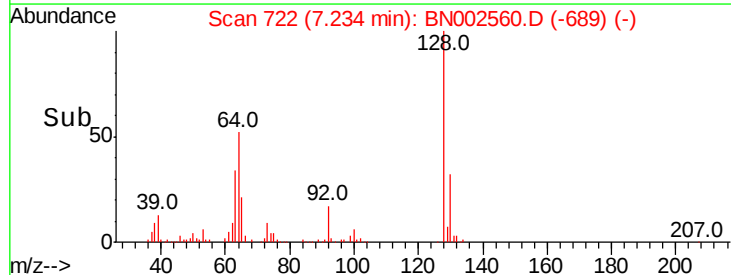
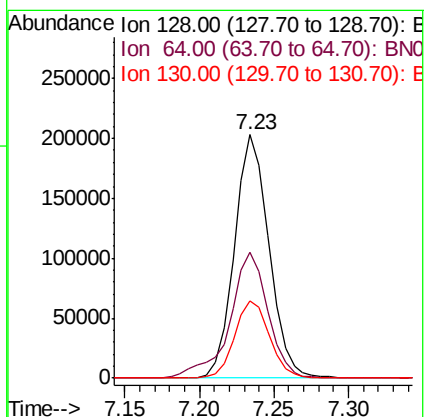
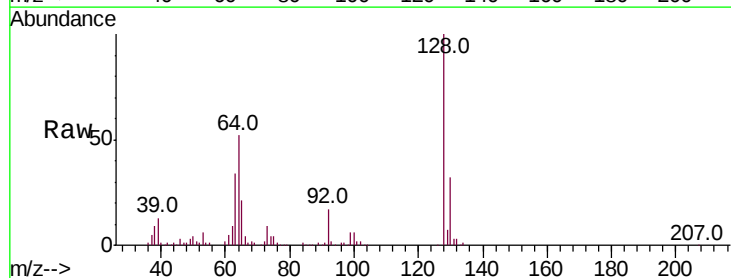
Tgt Ion:128 Resp: 327138

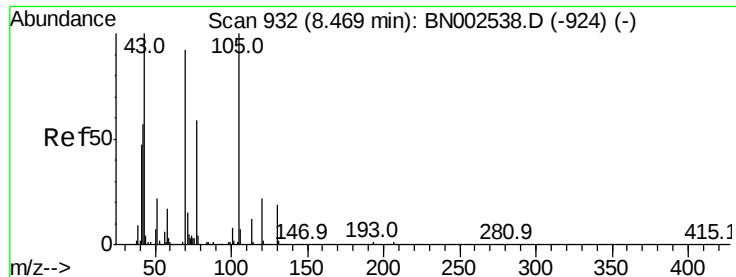
Ion Ratio Lower Upper

128 100

64 51.6 31.9 47.9#

130 31.9 25.6 38.4





#15

N-Nitroso-di-n-propylamine

Concen: 33.539 ng/ul

RT: 8.46 min Scan# 931

Delta R.T. -0.01 min

Lab File: BN002560.D

Acq: 31 Aug 2018 15:09

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 336553

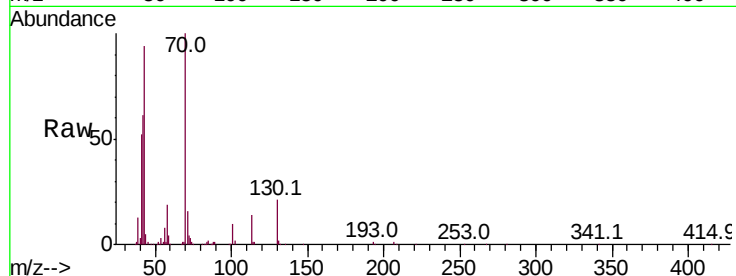
Ion Ratio Lower Upper

70 100

42 60.7 35.4 53.0#

101 9.9 8.4 12.6

130 20.8 18.2 27.4

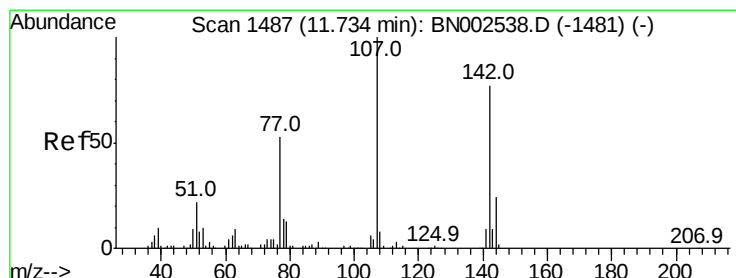
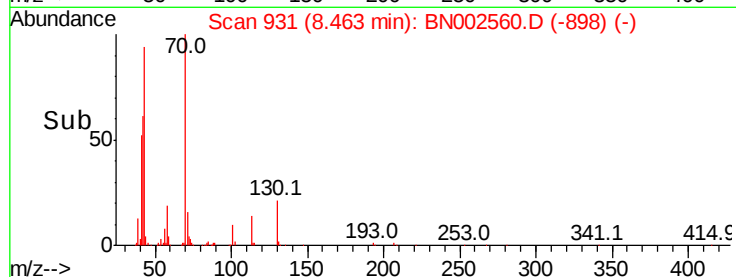
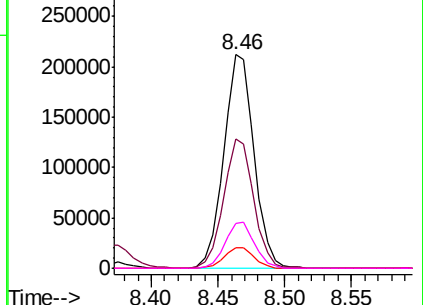


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 33.680 ng/ul

RT: 11.73 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BN002560.D

Acq: 31 Aug 2018 15:09

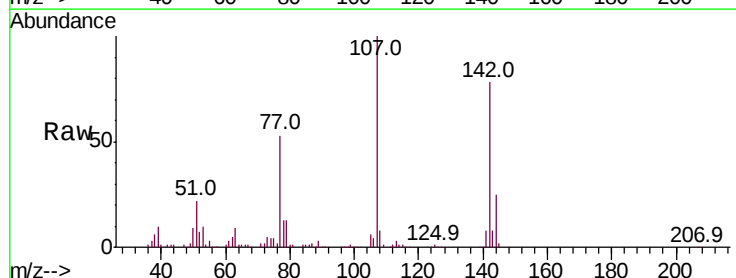
Tgt Ion: 107 Resp: 442919

Ion Ratio Lower Upper

107 100

144 25.5 20.4 30.6

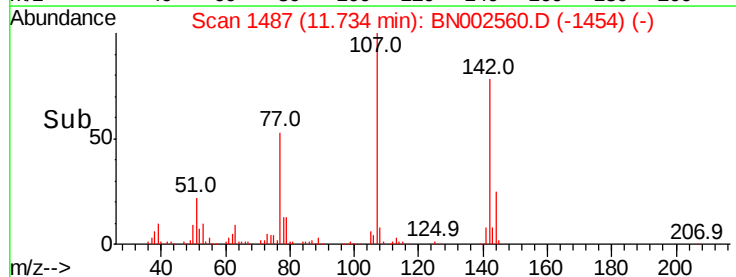
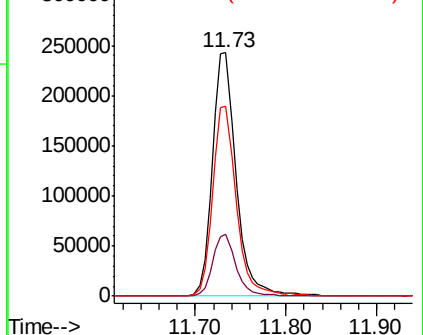
142 77.9 62.5 93.7

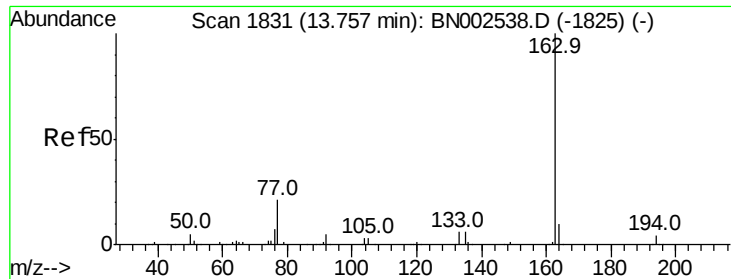


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 8.723 ng/ul

RT: 13.76 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BN002560.D

Acq: 31 Aug 2018 15:09

Instrument :

BNA_N

ClientSampleId :

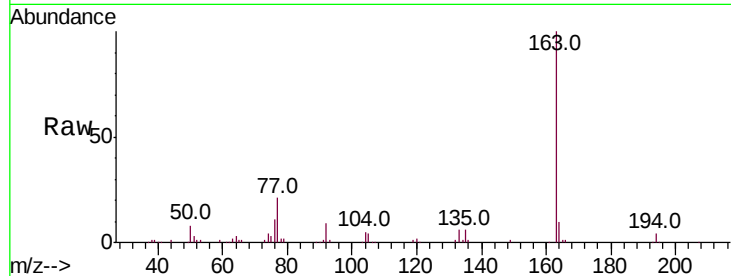
Tot Ion:163 Resp: 335147

Ion Ratio Lower Upper

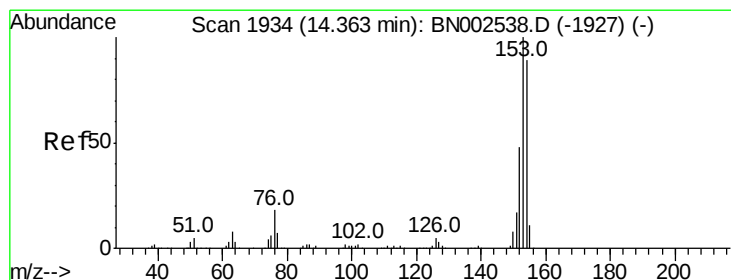
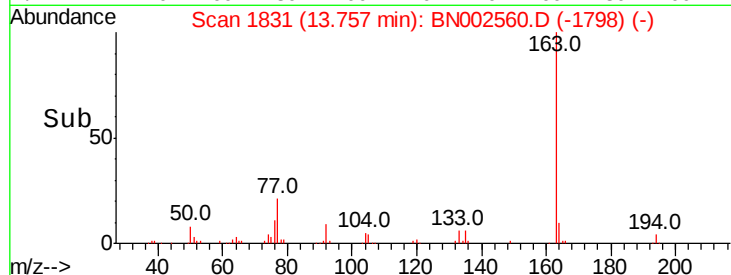
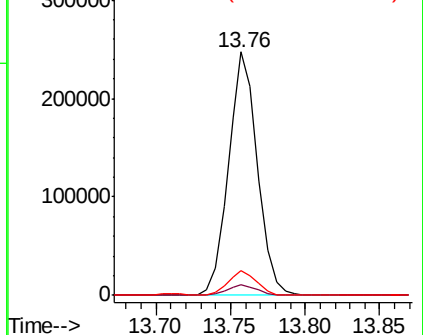
163 100

194 4.2 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



#49

Acenaphthene

Concen: 33.187 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BN002560.D

Acq: 31 Aug 2018 15:09

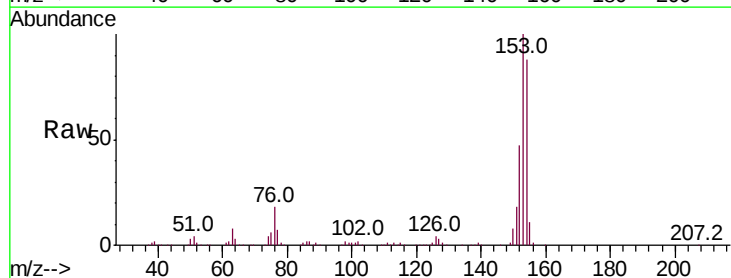
Tgt Ion:153 Resp: 1071135

Ion Ratio Lower Upper

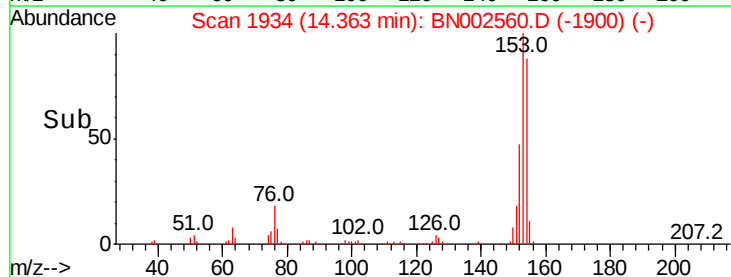
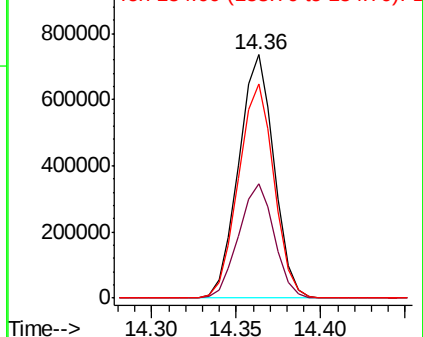
153 100

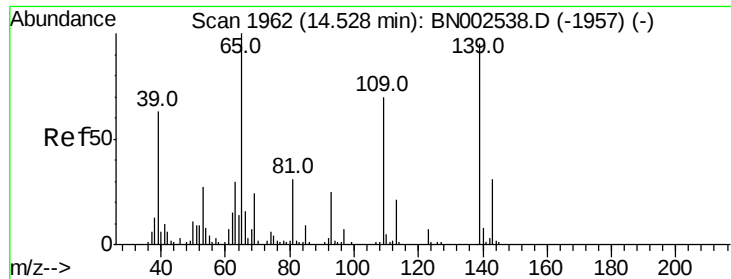
152 46.8 38.3 57.5

154 87.8 71.8 107.8



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

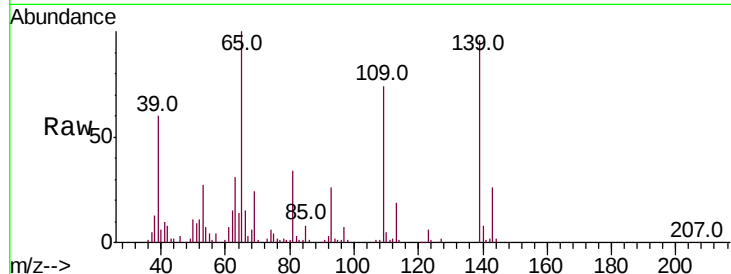




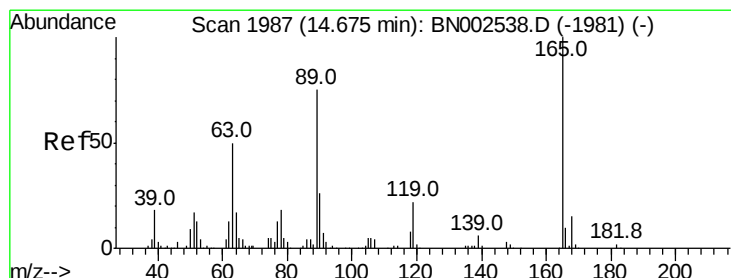
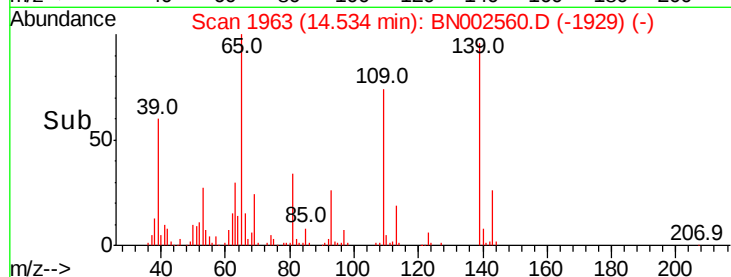
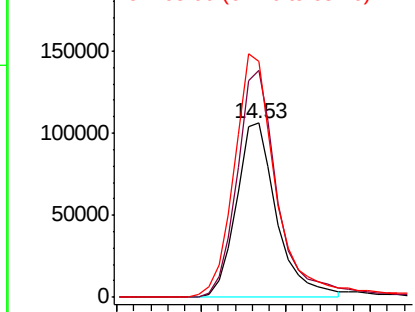
#52
4-Nitrophenol
Concen: 31.449 ng/ul
RT: 14.53 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BN002560.D
Acq: 31 Aug 2018 15:09

Instrument :
BNA_N
ClientSampleId :

Tot Ion:109 Resp: 176508
Ion Ratio Lower Upper
109 100
139 129.8 103.7 155.5
65 135.3 89.4 134.2#

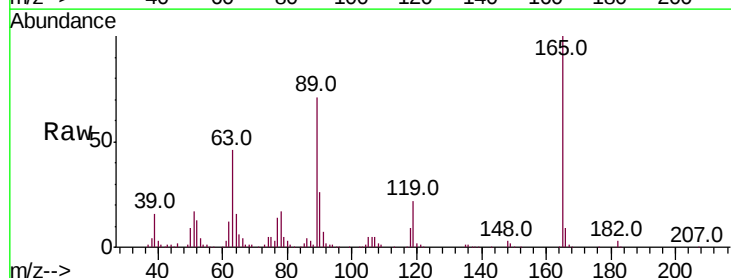


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BNC

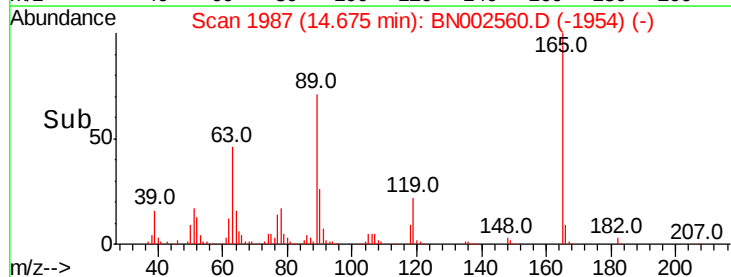
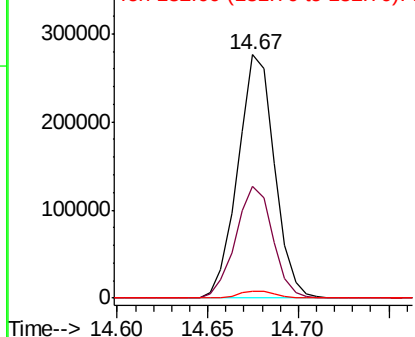


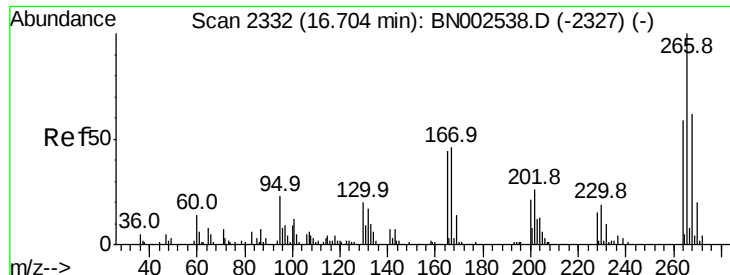
#54
2,4-Dinitrotoluene
Concen: 33.180 ng/ul
RT: 14.67 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BN002560.D
Acq: 31 Aug 2018 15:09

Tgt Ion:165 Resp: 388319
Ion Ratio Lower Upper
165 100
63 45.8 29.8 44.6#
182 2.9 2.2 3.4



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

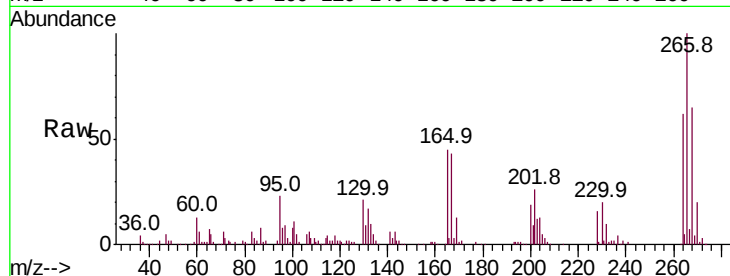




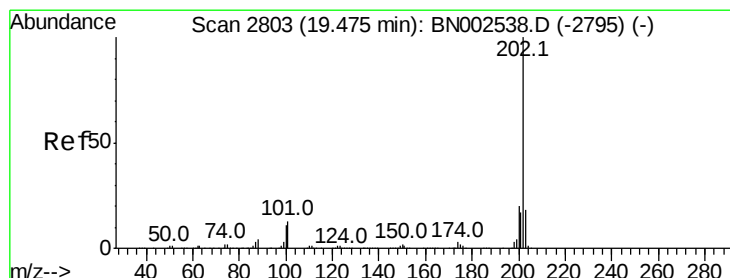
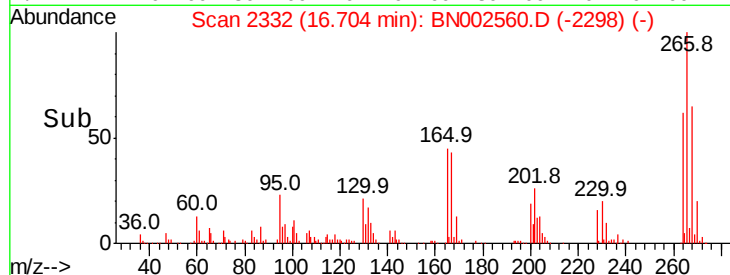
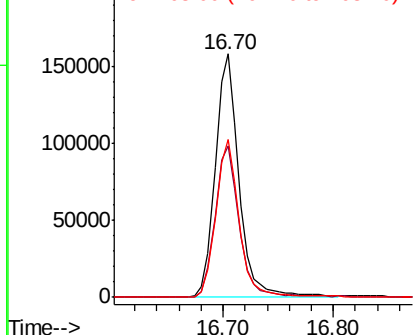
#68
 Pentachlorophenol
 Concen: 33.597 ng/ul
 RT: 16.70 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BN002560.D
 Acq: 31 Aug 2018 15:09

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:266 Resp: 236283
 Ion Ratio Lower Upper
 266 100
 264 62.3 50.5 75.7
 268 64.6 50.9 76.3

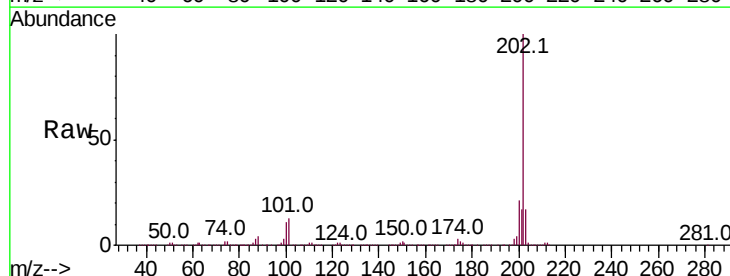


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 35.553 ng/ul
 RT: 19.47 min Scan# 2803
 Delta R.T. -0.00 min
 Lab File: BN002560.D
 Acq: 31 Aug 2018 15:09

Tgt Ion:202 Resp: 2493939
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.2 15.2
 100 10.9 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

