

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
 Data File : BN002695.D
 Acq On : 14 Sep 2018 18:50
 Operator : JU/SJ
 Sample : J4865-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB3N2MS

Quant Time: Sep 15 01:17:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 15 01:16:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	143003	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	576085	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	298685	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	608765	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	615459	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	643343	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	12455	4.02	ng/uL	0.00
5) Phenol-d5	6.84	99	268947	22.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	171826	22.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	228204	22.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	206297	21.93	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	105035	23.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	117324	23.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	203095	22.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	267713	25.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	570070	24.38	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	727465	23.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	81898	21.19	ng/ul	0.00
57) Fluorene-d10	15.28	176	493391	24.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	74331	19.52	ng/ul	0.00
70) Anthracene-d10	17.13	188	685972	23.60	ng/ul	0.00
78) Pyrene-d10	19.44	212	775043	23.86	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	847726	25.03	ng/ul	0.00

Target Compounds

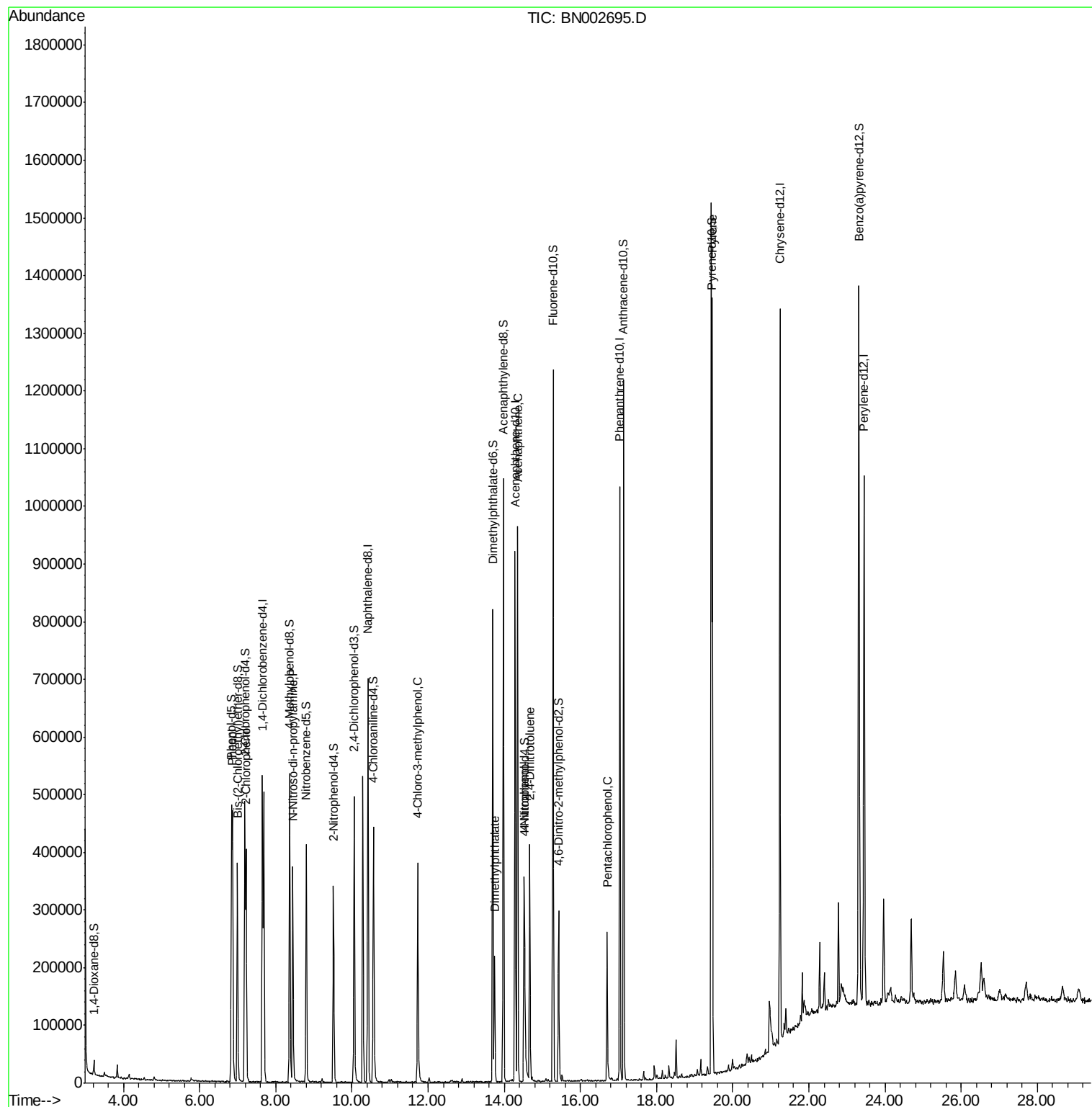
					Ovalue
6) Phenol	6.86	94	250504	20.457	ng/ul 99
10) 2-Chlorophenol	7.22	128	179113	18.057	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.45	70	135427	18.597	ng/ul 94
33) 4-Chloro-3-methylphenol	11.73	107	163426	18.115	ng/ul 98
44) Dimethylphthalate	13.75	163	140585	6.161	ng/ul 98
49) Acenaphthene	14.35	153	391749	19.282	ng/ul 99
52) 4-Nitrophenol	14.53	109	47472	17.648	ng/ul 91
54) 2,4-Dinitrotoluene	14.67	165	124278	19.109	ng/ul 88
68) Pentachlorophenol	16.70	266	57928	17.059	ng/ul 97
79) Pyrene	19.47	202	796110	19.564	ng/ul 99

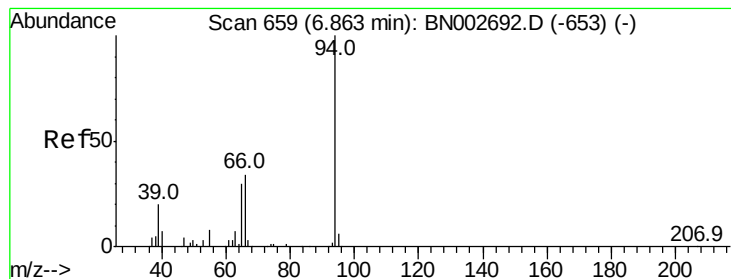
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 15 01:16:50 2018
Response via : Initial Calibration





#6

Phenol

Concen: 20.457 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. 0.00 min

Lab File: BN002695.D

Acq: 14 Sep 2018 18:50

Instrument :

BNA_N

ClientSampleId :

DB3N2MS

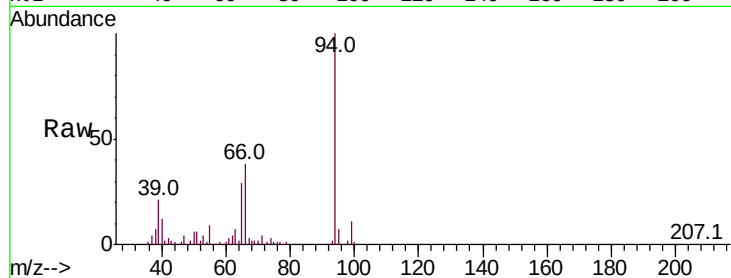
Tot Ion: 94 Resp: 250504

Ion Ratio Lower Upper

94 100

65 29.0 23.1 34.7

66 37.9 29.8 44.6



Abundance Ion 94.00 (93.70 to 94.70): BN002692.D (-653) (-)

Ion 65.00 (64.70 to 65.70): BN002692.D (-653) (-)

Ion 66.00 (65.70 to 66.70): BN002692.D (-653) (-)

200000

150000

100000

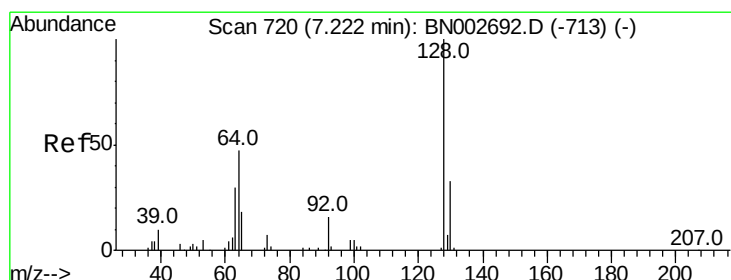
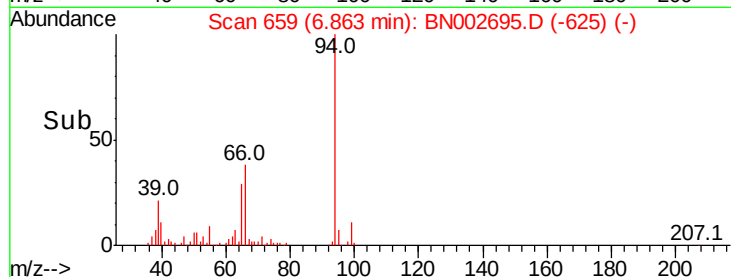
50000

0

6.86

6.80 6.90 7.00

Time-->



#10

2-Chlorophenol

Concen: 18.057 ng/ul

RT: 7.22 min Scan# 720

Delta R.T. 0.00 min

Lab File: BN002695.D

Acq: 14 Sep 2018 18:50

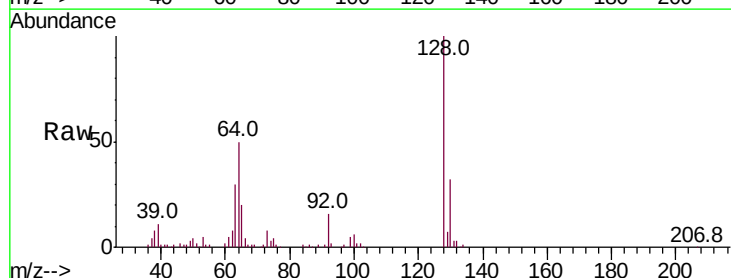
Tgt Ion:128 Resp: 179113

Ion Ratio Lower Upper

128 100

64 49.7 40.4 60.6

130 31.6 26.8 40.2



Abundance Ion 128.00 (127.70 to 128.70): BN002692.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BN002692.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BN002692.D (-713) (-)

150000

100000

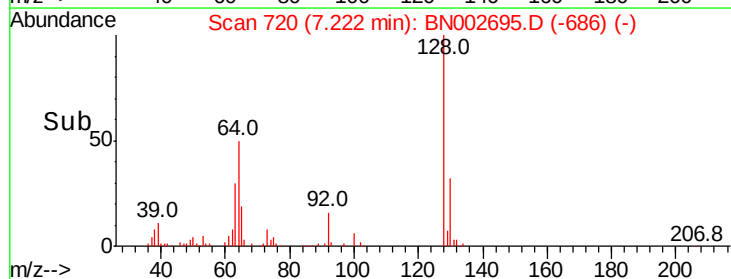
50000

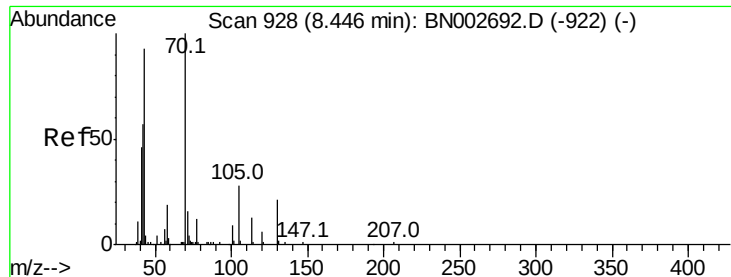
0

7.22

7.15 7.20 7.25 7.30

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 18.597 ng/ul

RT: 8.45 min Scan# 929

Delta R.T. 0.01 min

Lab File: BN002695.D

Acq: 14 Sep 2018 18:50

Instrument :

BNA_N

ClientSampleId :

DB3N2MS

Tot Ion: 70 Resp: 135427

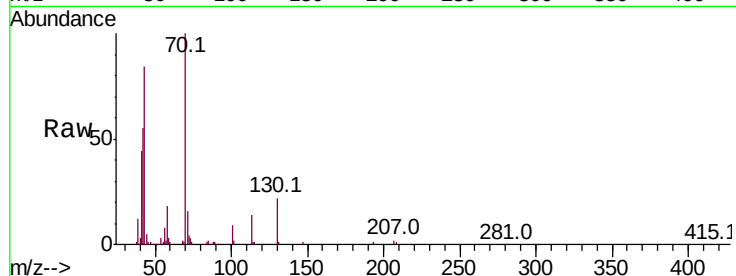
Ion	Ratio	Lower	Upper
70	100		
42	54.6	47.7	71.5
101	9.2	8.0	12.0
130	21.8	16.0	24.0

70 100

42 54.6 47.7 71.5

101 9.2 8.0 12.0

130 21.8 16.0 24.0

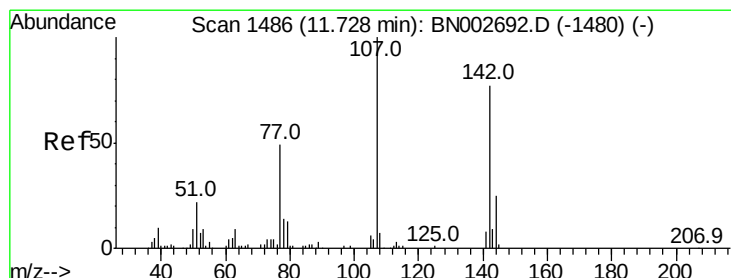
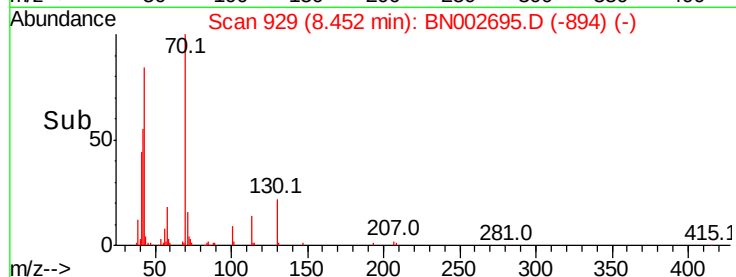
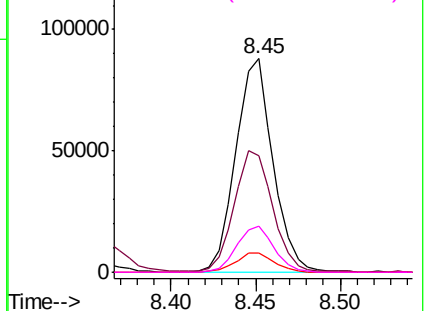


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 18.115 ng/ul

RT: 11.73 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN002695.D

Acq: 14 Sep 2018 18:50

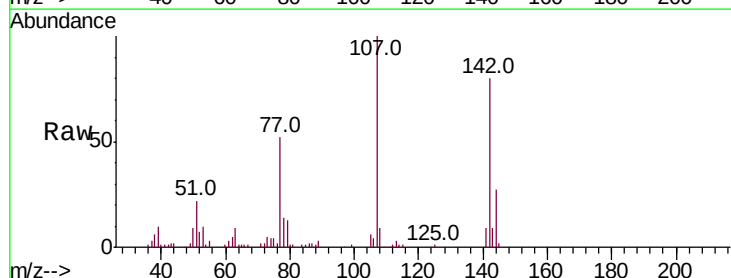
Tgt Ion: 107 Resp: 163426

Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.2	30.4
142	80.1	62.9	94.3

107 100

144 26.7 20.2 30.4

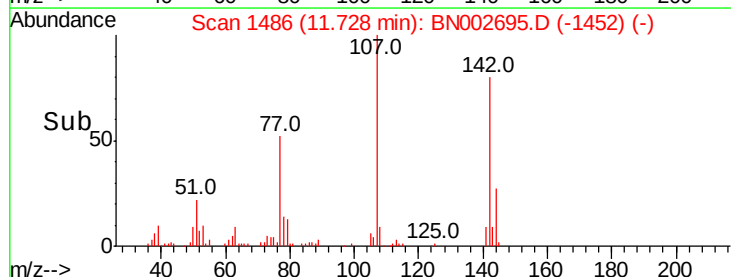
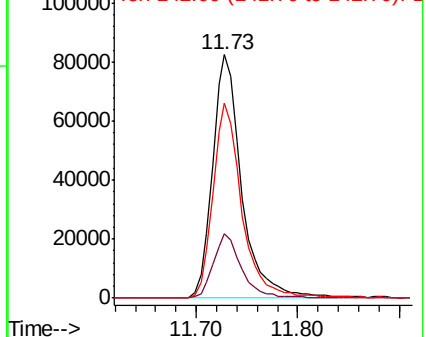
142 80.1 62.9 94.3

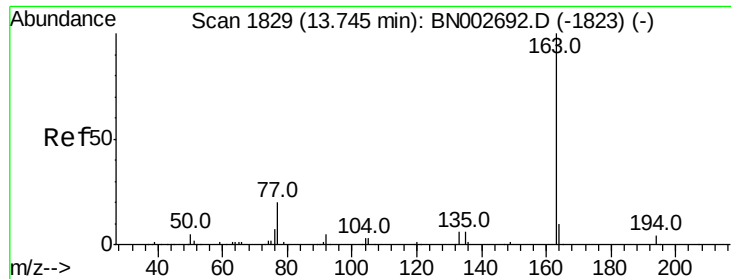


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 6.161 ng/ul

RT: 13.75 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BN002695.D

Acq: 14 Sep 2018 18:50

Instrument :

BNA_N

ClientSampleId :

DB3N2MS

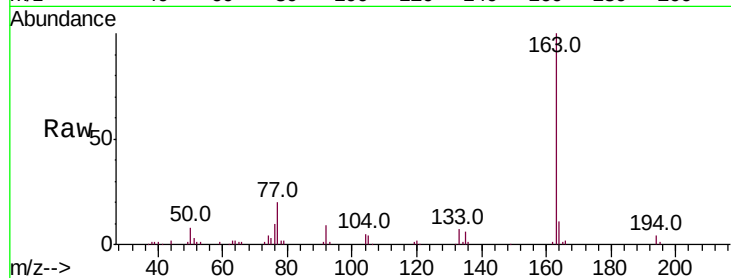
Tot Ion:163 Resp: 140585

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

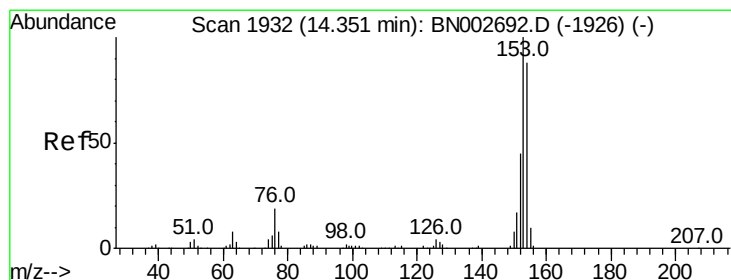
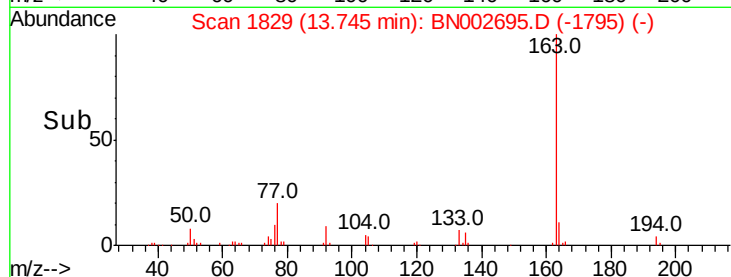
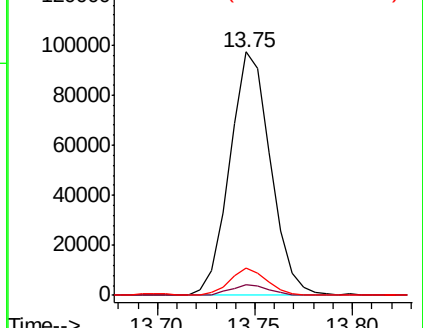
164 11.1 8.1 12.1



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: 19.282 ng/ul

RT: 14.35 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BN002695.D

Acq: 14 Sep 2018 18:50

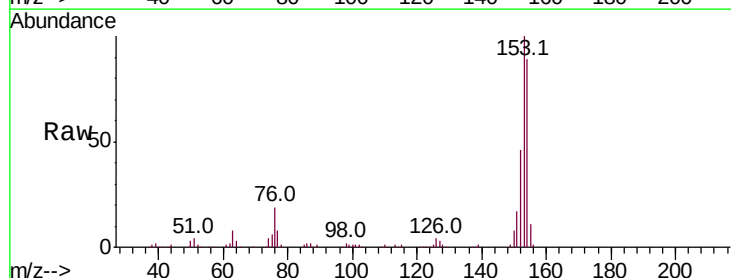
Tgt Ion:153 Resp: 391749

Ion Ratio Lower Upper

153 100

152 46.3 37.8 56.6

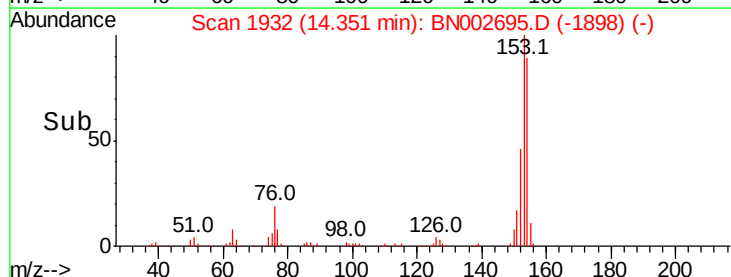
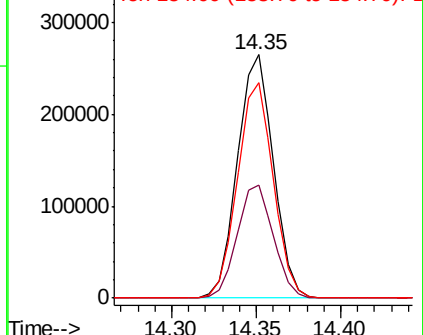
154 88.7 70.9 106.3

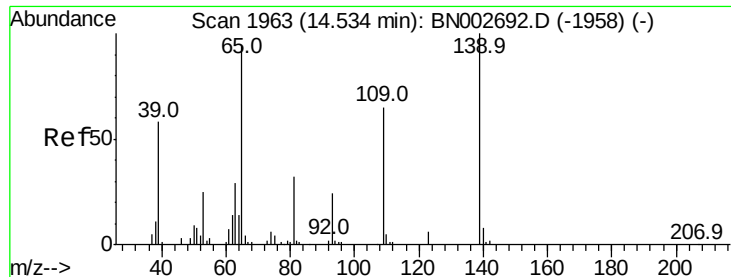


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 17.648 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BN002695.D

Acq: 14 Sep 2018 18:50

Instrument :

BNA_N

ClientSampleId :

DB3N2MS

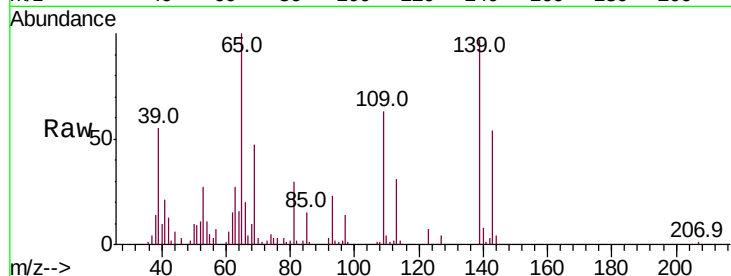
Tot Ion:109 Resp: 47472

Ion Ratio Lower Upper

109 100

139 154.8 116.5 174.7

65 159.2 116.7 175.1

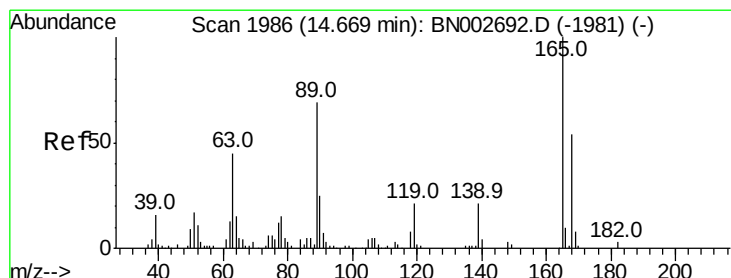
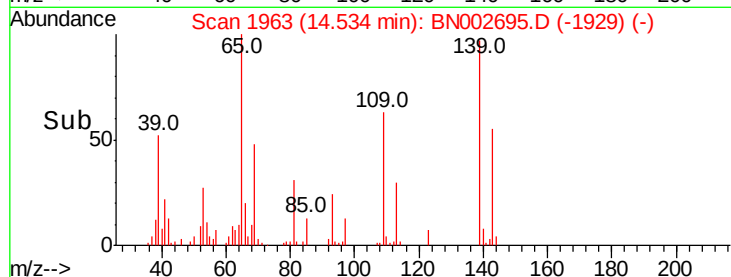
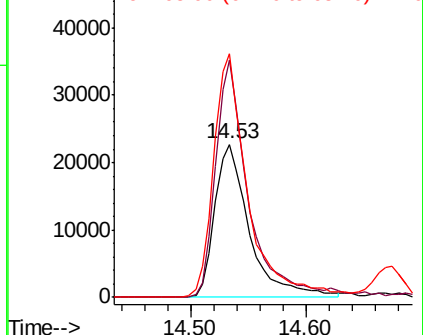


Abundance

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: 19.109 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BN002695.D

Acq: 14 Sep 2018 18:50

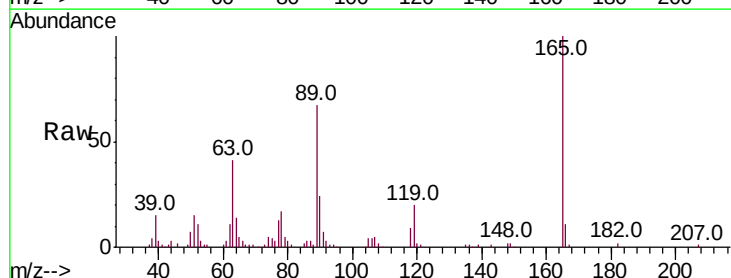
Tgt Ion:165 Resp: 124278

Ion Ratio Lower Upper

165 100

63 40.5 39.0 58.6

182 2.5 2.4 3.6

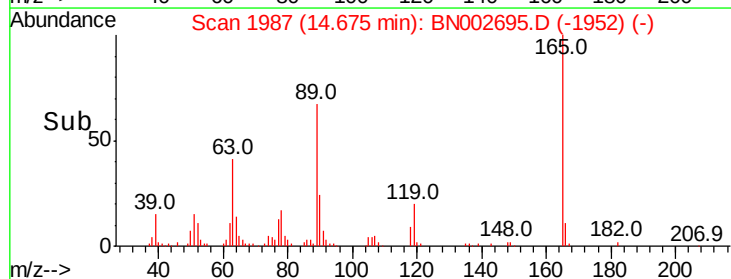
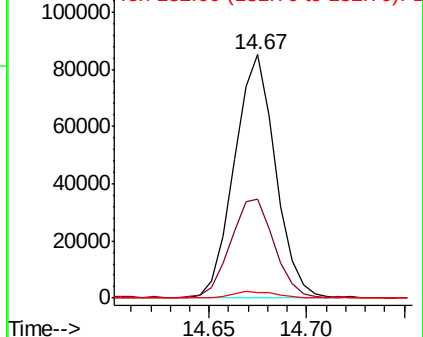


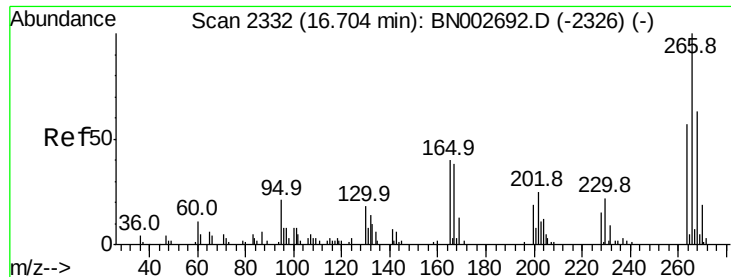
Abundance

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

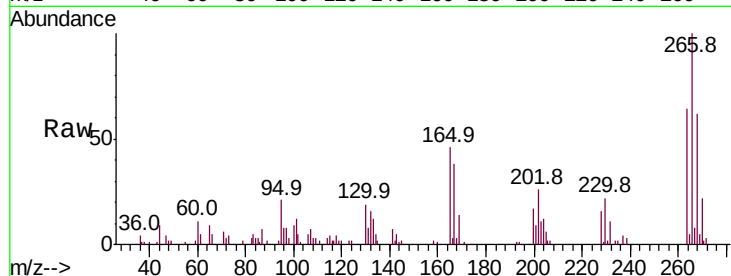




#68
 Pentachlorophenol
 Concen: 17.059 ng/ul
 RT: 16.70 min Scan# 2332
 Delta R.T. 0.00 min
 Lab File: BN002695.D
 Acq: 14 Sep 2018 18:50

Instrument :
 BNA_N
 ClientSampleId :
 DB3N2MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	64.2	49.9	74.9
268	62.2	52.6	79.0

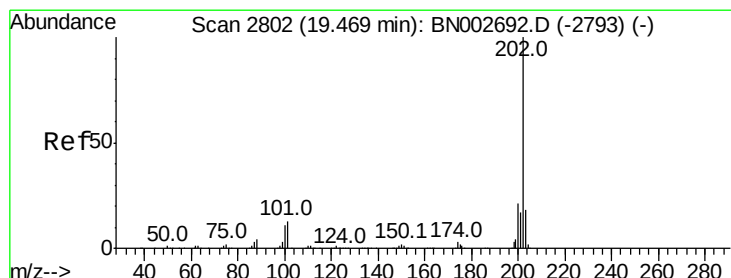
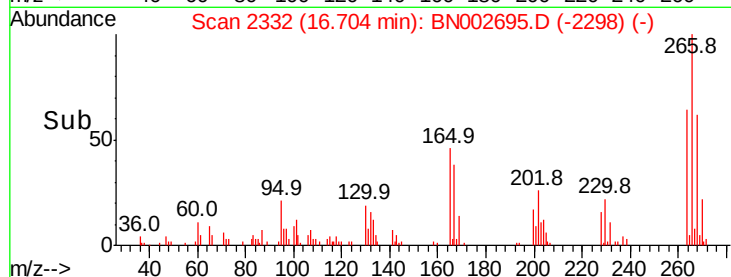
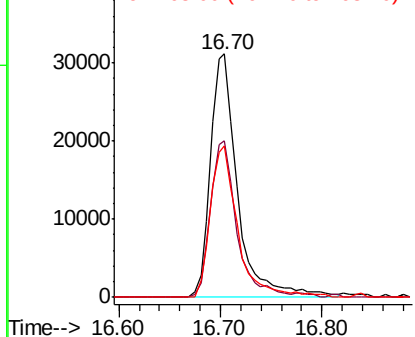


Abundance

Ion 265.70 (265.40 to 266.40): E

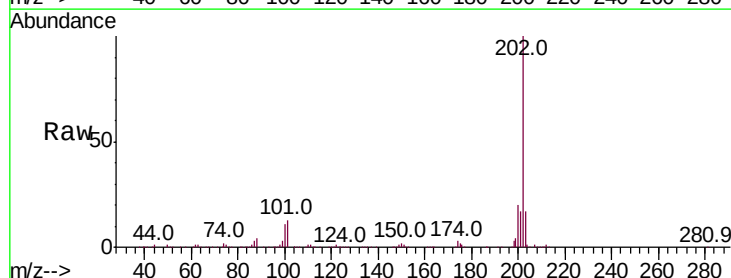
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 19.564 ng/ul
 RT: 19.47 min Scan# 2802
 Delta R.T. 0.00 min
 Lab File: BN002695.D
 Acq: 14 Sep 2018 18:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.8	16.2
100	10.6	8.2	12.2



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

