

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 :

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

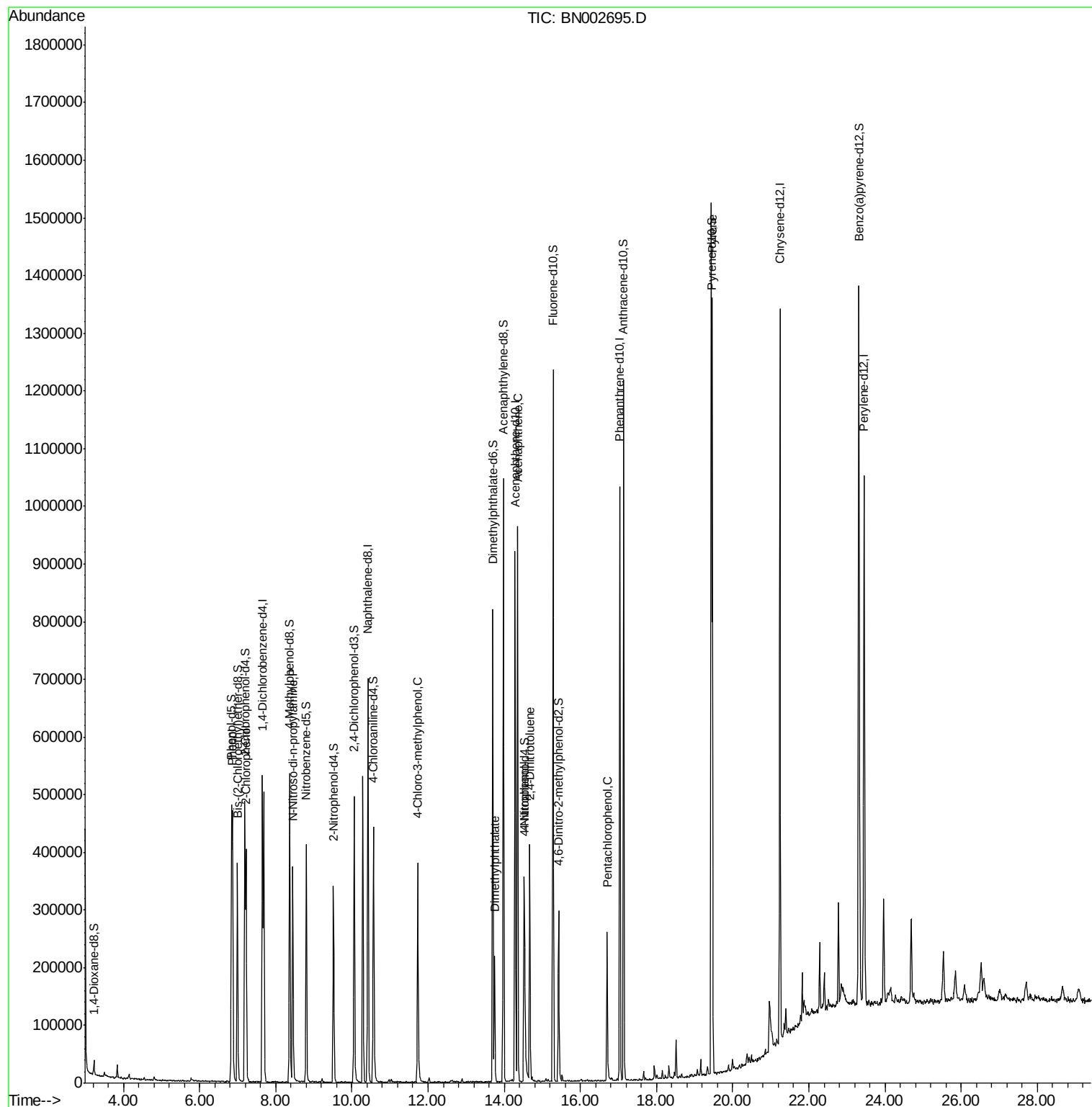
					Ovalue
6) Phenol	6.86	94	250504	20.457	ng/ul 99
10) 2-Chlorophenol	7.22	128	179113	18.057	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.45	70	135427	18.597	ng/ul 94
33) 4-Chloro-3-methylphenol	11.73	107	163426	18.115	ng/ul 98
44) Dimethylphthalate	13.75	163	140585	6.161	ng/ul 98
49) Acenaphthene	14.35	153	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

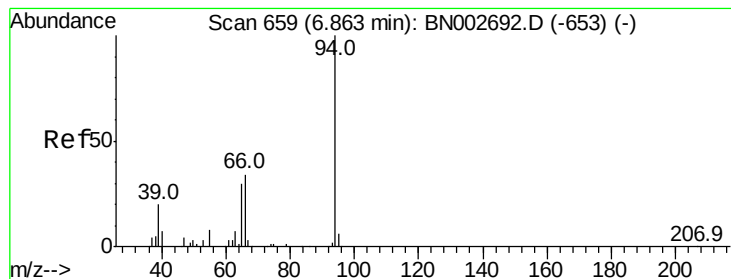
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

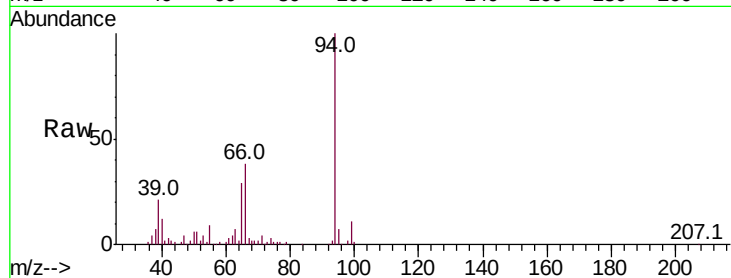
Tot Ion: 94 Resp: 250504

Ion Ratio Lower Upper

94 100

65 29.0 23.1 34.7

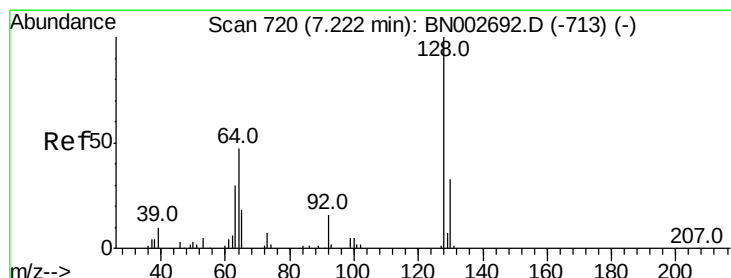
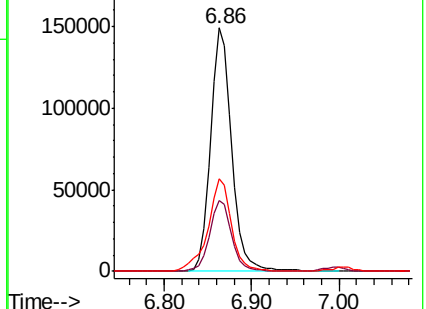
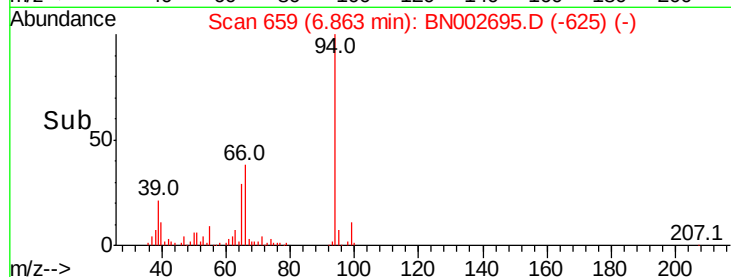
66 37.9 29.8 44.6



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) (-)



#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

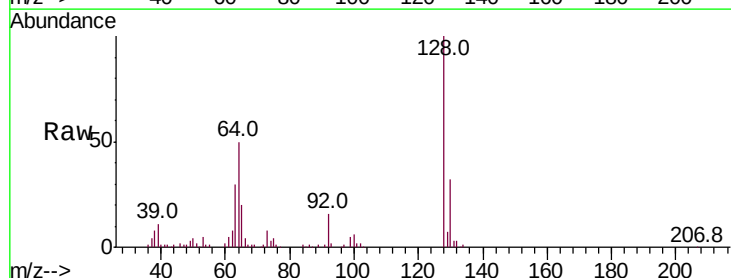
Tgt Ion:128 Resp: 179113

Ion Ratio Lower Upper

128 100

64 49.7 40.4 60.6

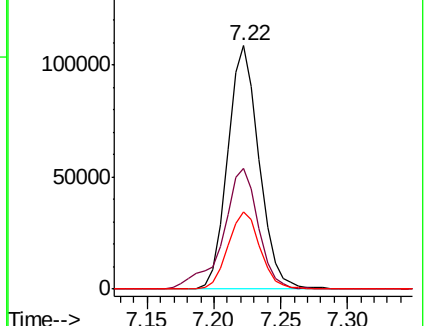
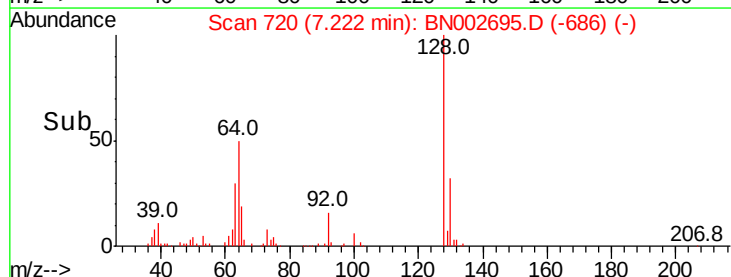
130 31.6 26.8 40.2

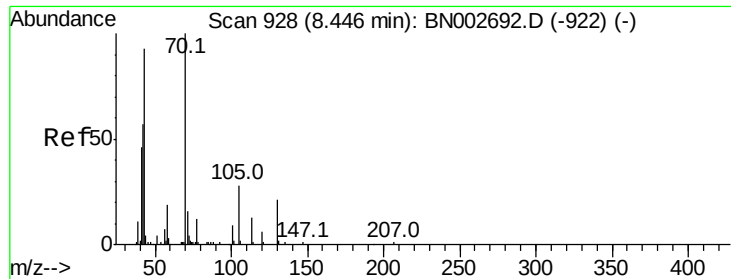


Abundance Ion 128.00 (127.70 to 128.70): BN002692.D (-713) (-)

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

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





#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 :

Tot Ion: 70 Resp: 135427

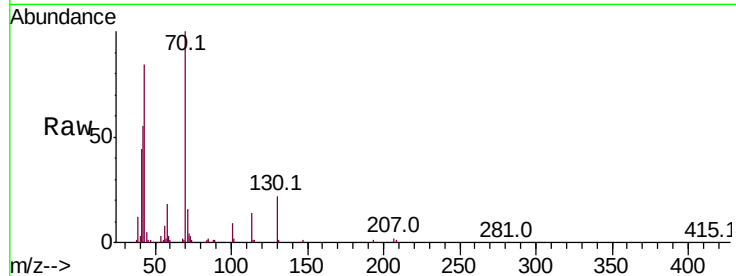
Ion Ratio Lower Upper

70 100

42 54.6 47.7 71.5

101 9.2 8.0 12.0

130 21.8 16.0 24.0

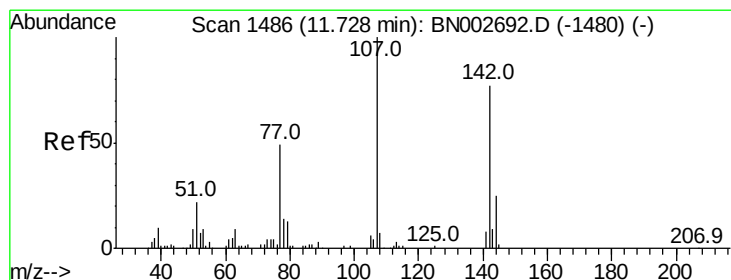
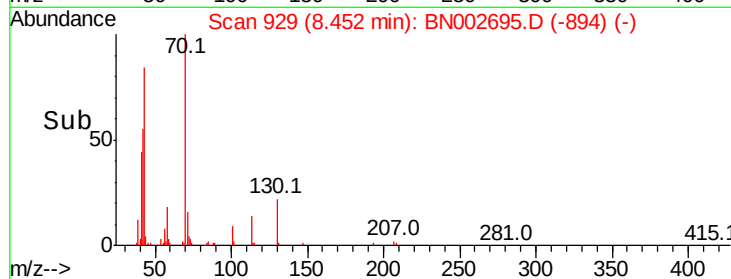
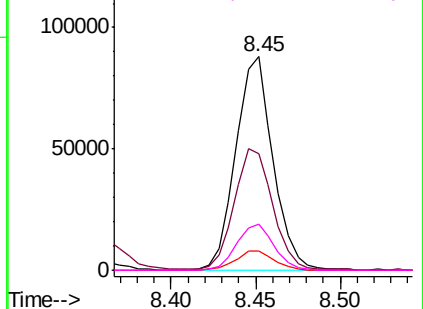


Abundance Ion 70.00 (69.70 to 70.70): BN0

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

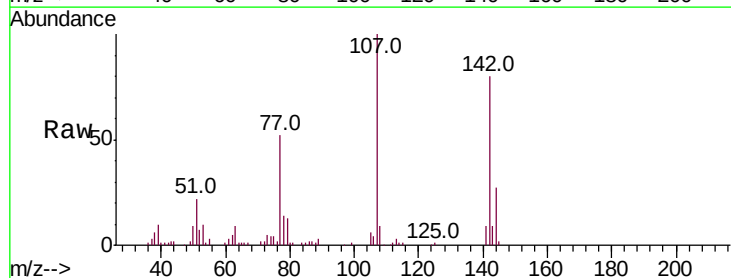
Tgt Ion:107 Resp: 163426

Ion Ratio Lower Upper

107 100

144 26.7 20.2 30.4

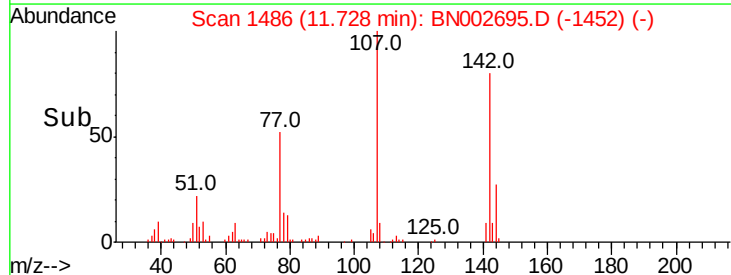
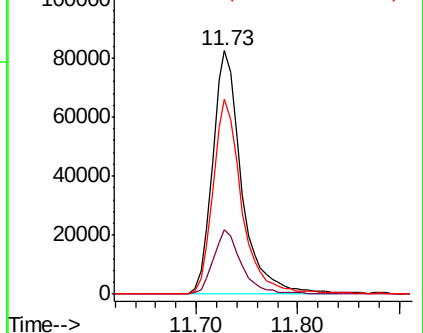
142 80.1 62.9 94.3

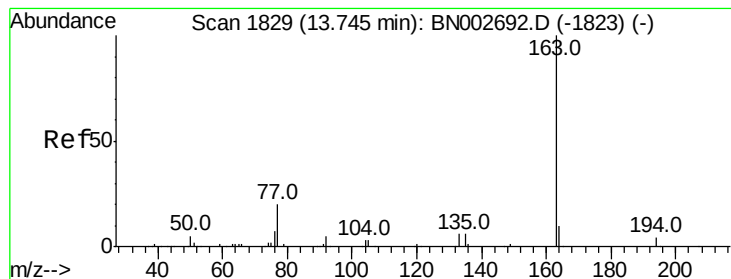


Abundance Ion 107.00 (106.70 to 107.70): E

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 :

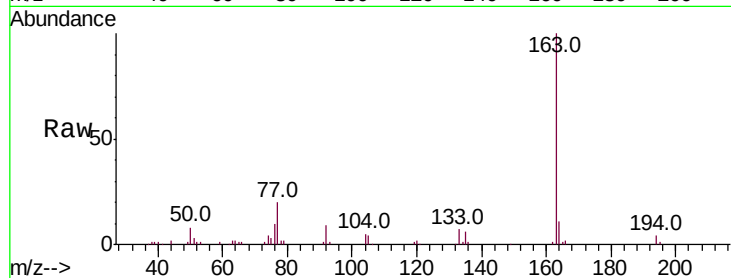
Tot Ion:163 Resp: 140585

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

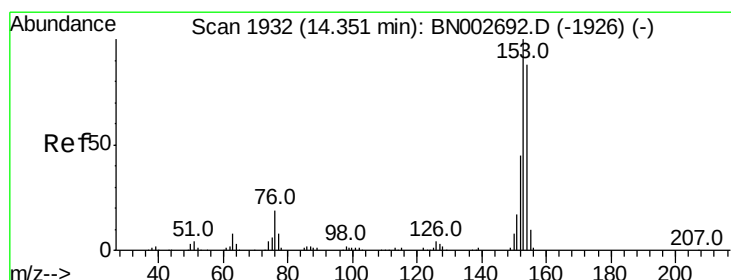
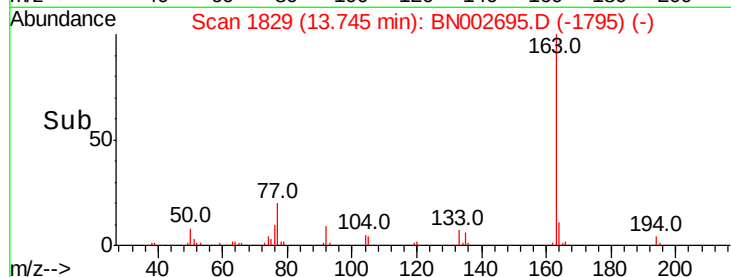
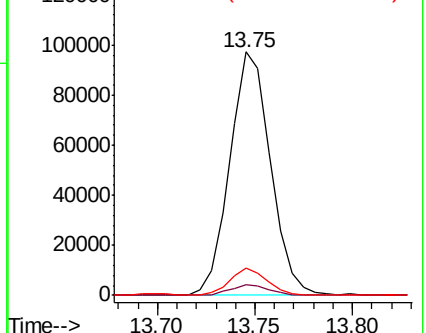
164 11.1 8.1 12.1



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

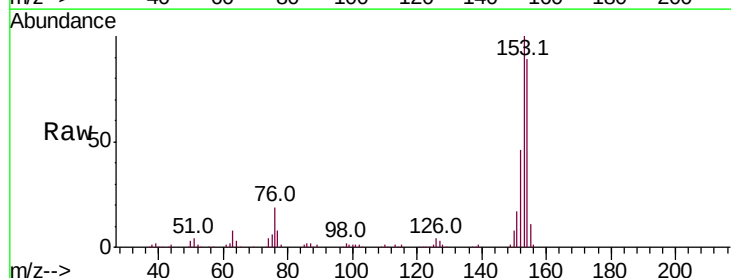
Tgt Ion:153 Resp: 391749

Ion Ratio Lower Upper

153 100

152 46.3 37.8 56.6

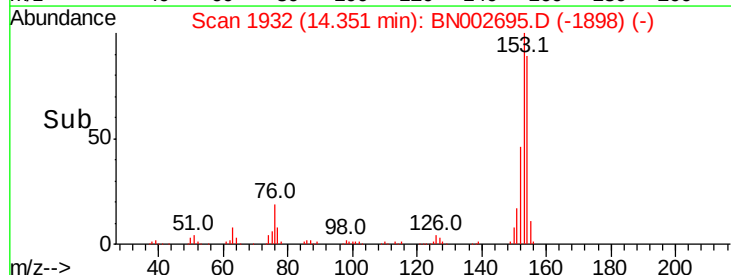
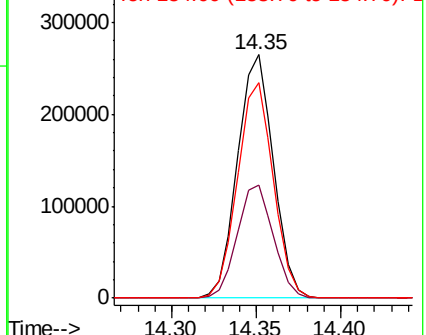
154 88.7 70.9 106.3

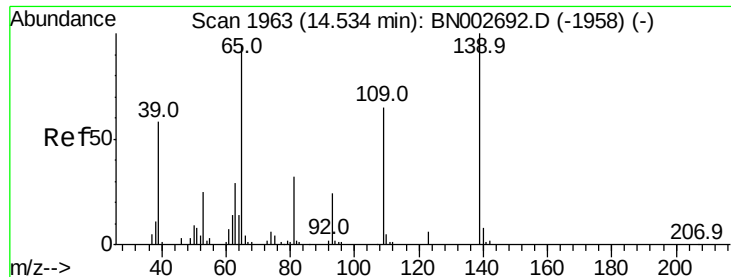


Abundance Ion 153.00 (152.70 to 153.70): E

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

ClientSampled :

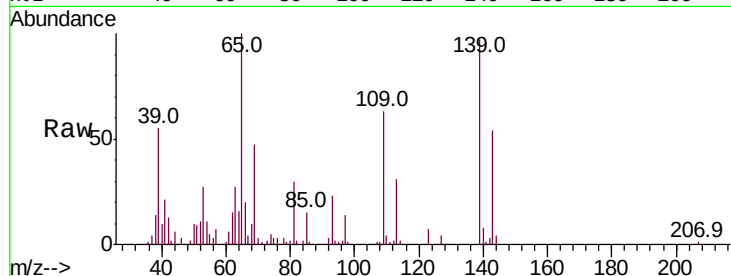
Tot Ion:109 Resp: 47472

Ion Ratio Lower Upper

109 100

139 154.8 116.5 174.7

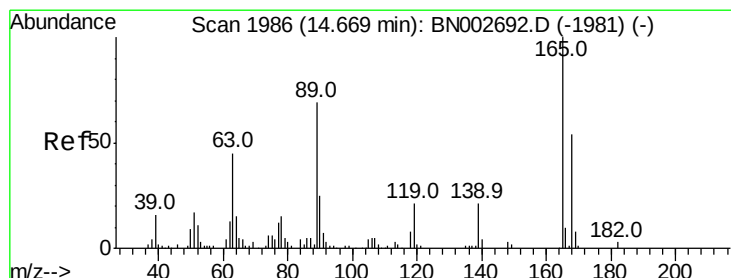
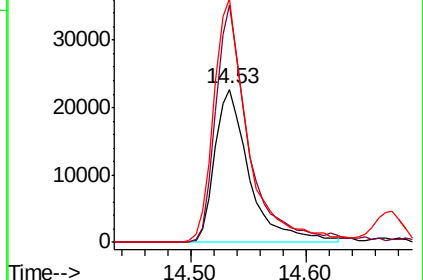
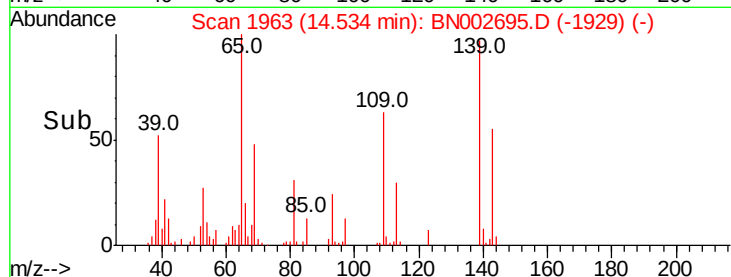
65 159.2 116.7 175.1



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

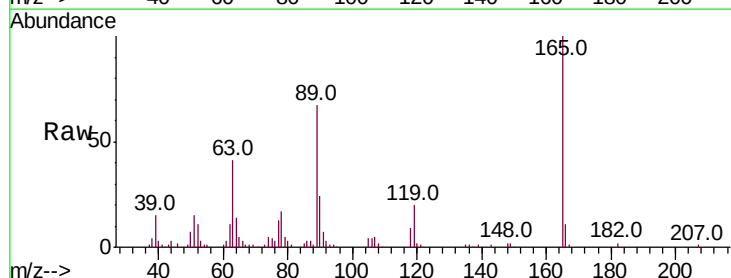
Tgt Ion:165 Resp: 124278

Ion Ratio Lower Upper

165 100

63 40.5 39.0 58.6

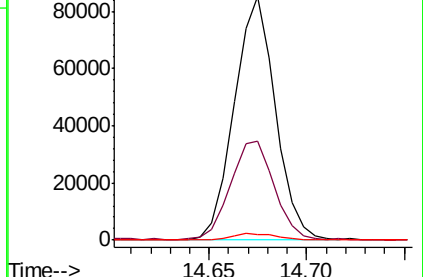
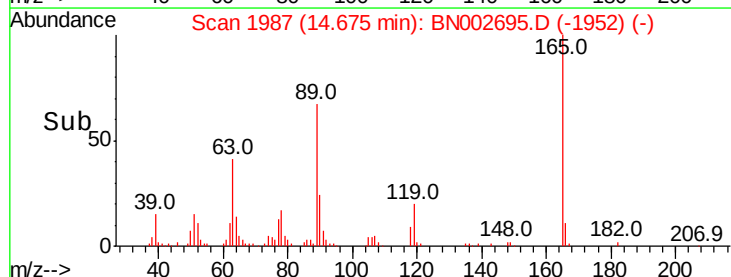
182 2.5 2.4 3.6

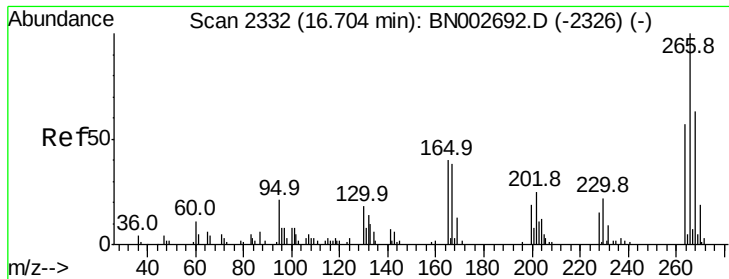


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

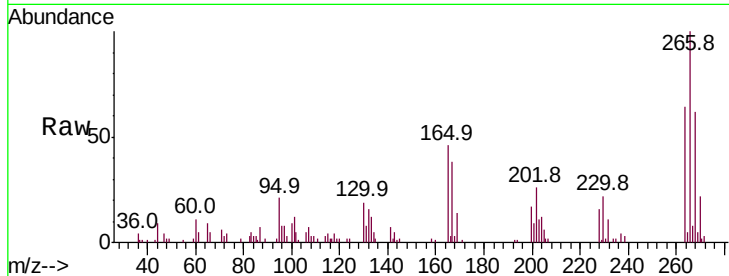




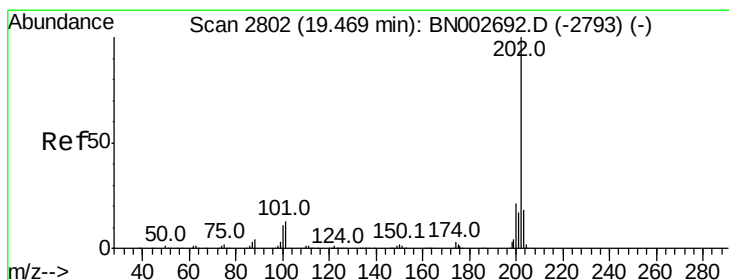
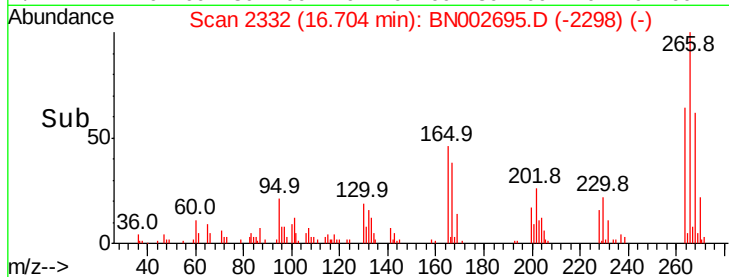
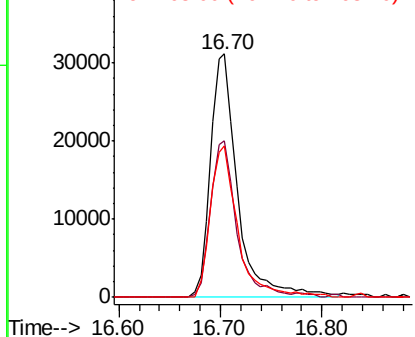
#68
 Pentachlorophenol
 Concen: 17.059 ng/ul
 RT: 16.70 min Scan# 2332
 Delta R.T. 0.00 min
 Lab File: BN002695.D
 Acq: 14 Sep 2018 18:50

Instrument :
 BNA_N
 ClientSampled :

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

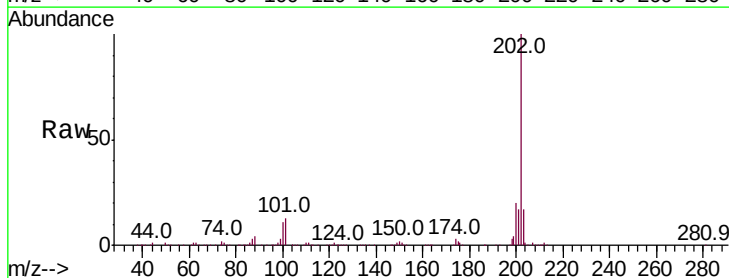


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#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

