

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
 Data File : BN002651.D
 Acq On : 12 Sep 2018 12:57
 Operator : JU/SJ
 Sample : J4792-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 13 05:03:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 13 05:01:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	196184	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	885937	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	522148	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1165628	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1103604	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1009727	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	9875	2.38	ng/uL	0.00
5) Phenol-d5	6.85	99	235833	13.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	159096	14.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	201994	14.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	161853	11.25	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	102490	14.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	118425	15.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	196600	14.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	270889	18.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	689487	15.93	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	873106	16.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	94533	11.55	ng/ul	0.00
57) Fluorene-d10	15.29	176	629770	16.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	92885	12.52	ng/ul	0.00
70) Anthracene-d10	17.14	188	961387	17.26	ng/ul	0.00
78) Pyrene-d10	19.45	212	1039190	19.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	932939	17.67	ng/ul	0.00

Target Compounds

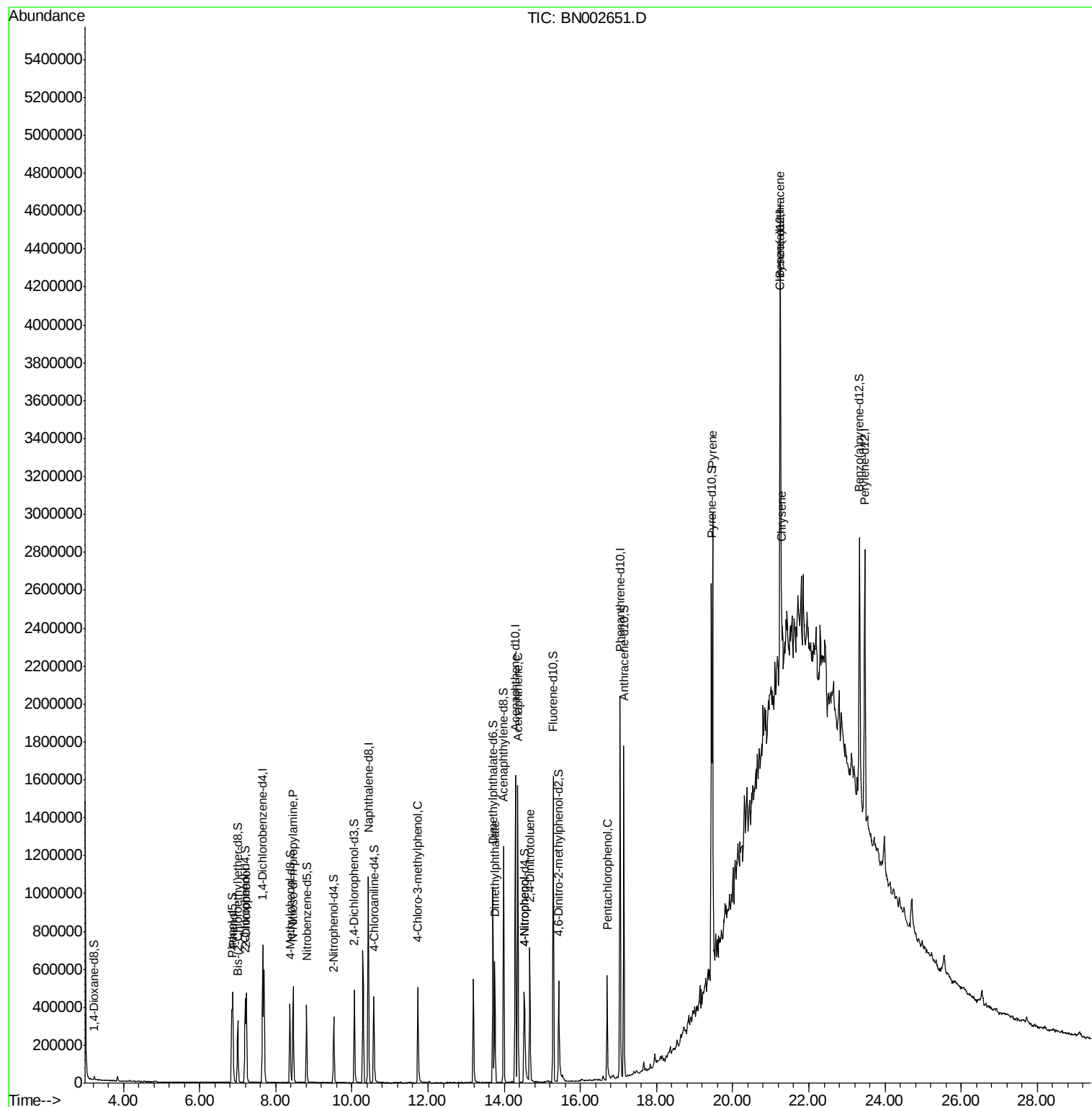
					Ovalue	
6) Phenol	6.87	94	257533	14.058	ng/ul	94
10) 2-Chlorophenol	7.23	128	203389	14.744	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.46	70	175819	14.493	ng/ul#	87
33) 4-Chloro-3-methylphenol	11.73	107	210538	13.866	ng/ul	99
44) Dimethylphthalate	13.75	163	404650	9.532	ng/ul	99
49) Acenaphthene	14.36	153	604697	16.956	ng/ul	98
52) 4-Nitrophenol	14.53	109	73555	11.861	ng/ul#	70
54) 2,4-Dinitrotoluene	14.67	165	208512	16.124	ng/ul	91
68) Pentachlorophenol	16.70	266	107590	14.483	ng/ul	98
79) Pyrene	19.47	202	1374798	20.660	ng/ul	99
82) Benzo(a)anthracene	21.23	228	99365	1.470	ng/ul#	73
84) Chrysene	21.28	228	127801	1.997	ng/ul#	78

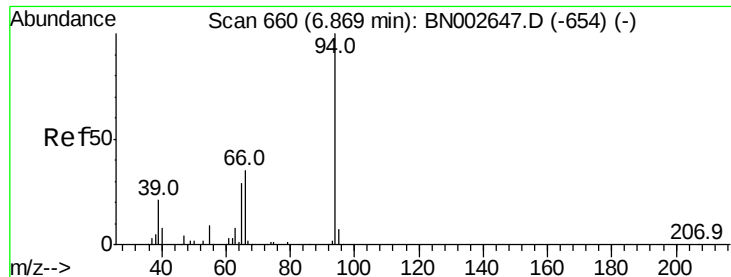
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:01:35 2018
Response via : Initial Calibration





#6

Phenol

Concen: 14.058 ng/ul

RT: 6.87 min Scan# 660

Delta R.T. 0.00 min

Lab File: BN002651.D

Acq: 12 Sep 2018 12:57

Instrument :

BNA_N

ClientSampleId :

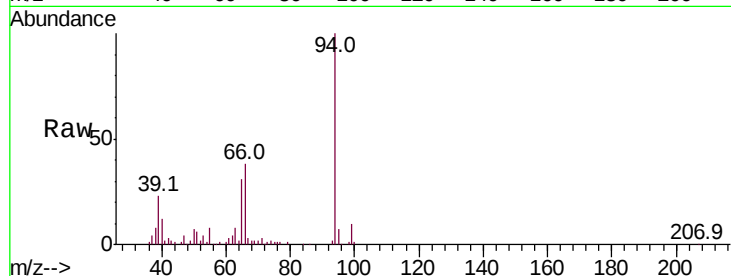
Tot Ion: 94 Resp: 257533

Ion Ratio Lower Upper

94 100

65 31.5 21.0 31.6

66 38.0 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN002647.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BN002647.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BN002647.D (-654) (-)

6.87

150000

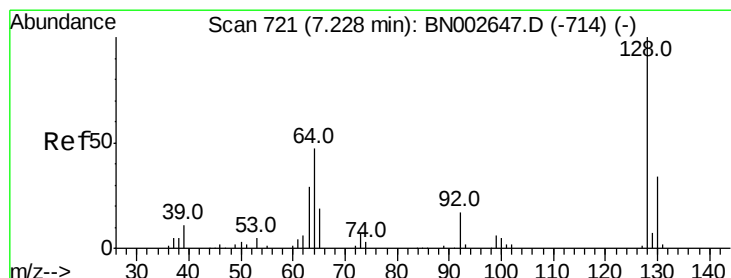
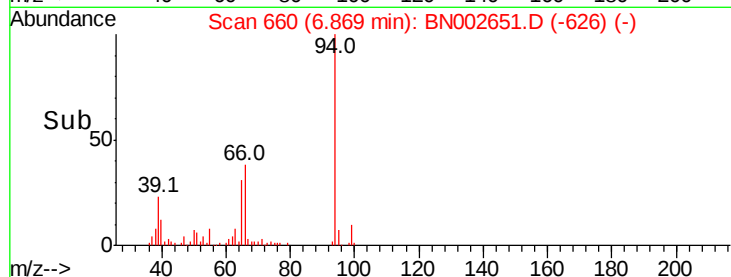
100000

50000

0

6.80 6.85 6.90 6.95 7.00

Time-->



#10

2-Chlorophenol

Concen: 14.744 ng/ul

RT: 7.23 min Scan# 721

Delta R.T. 0.00 min

Lab File: BN002651.D

Acq: 12 Sep 2018 12:57

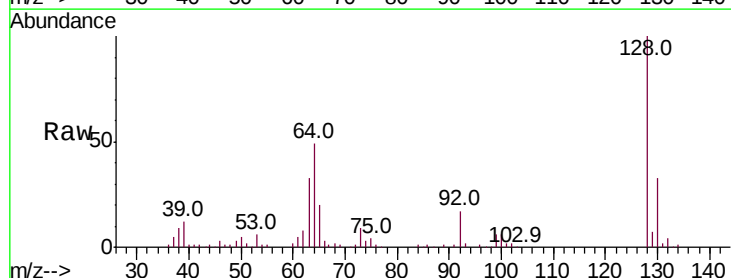
Tgt Ion:128 Resp: 203389

Ion Ratio Lower Upper

128 100

64 49.1 31.9 47.9#

130 33.2 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): BN002647.D (-714) (-)

Ion 64.00 (63.70 to 64.70): BN002647.D (-714) (-)

Ion 130.00 (129.70 to 130.70): BN002647.D (-714) (-)

7.23

150000

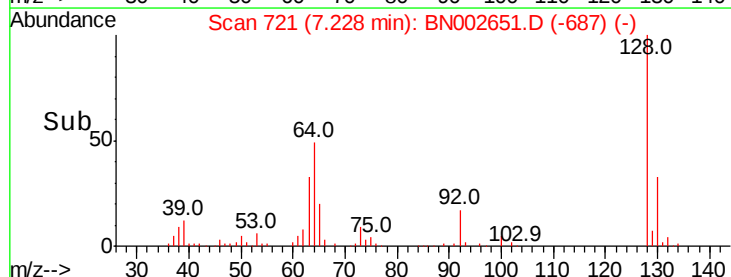
100000

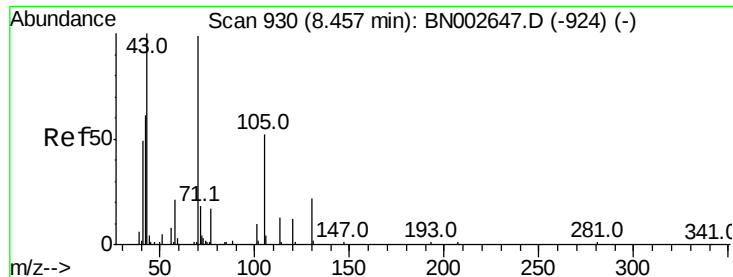
50000

0

7.15 7.20 7.25 7.30

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 14.493 ng/ul

RT: 8.46 min Scan# 930

Delta R.T. 0.00 min

Lab File: BN002651.D

Acq: 12 Sep 2018 12:57

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 175819

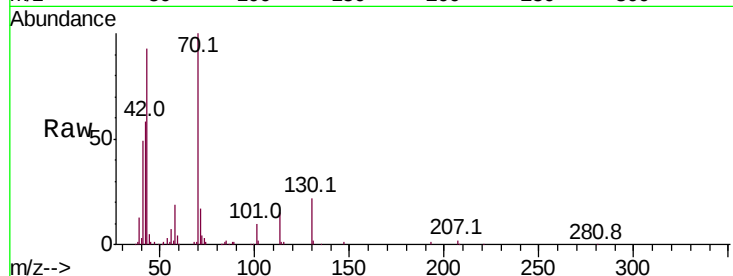
Ion Ratio Lower Upper

70 100

42 58.2 35.4 53.0#

101 9.7 8.4 12.6

130 22.3 18.2 27.4

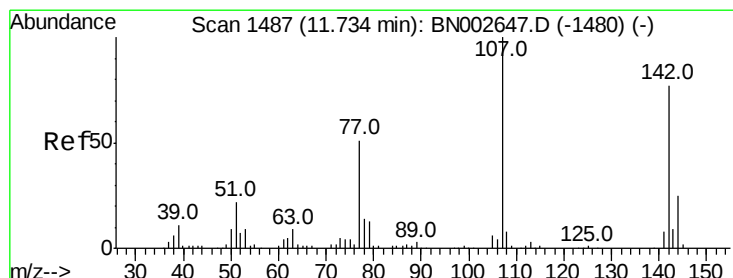
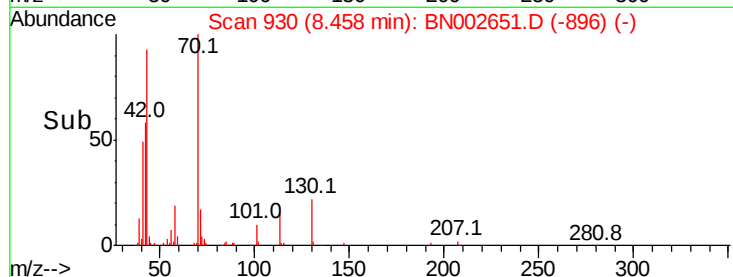
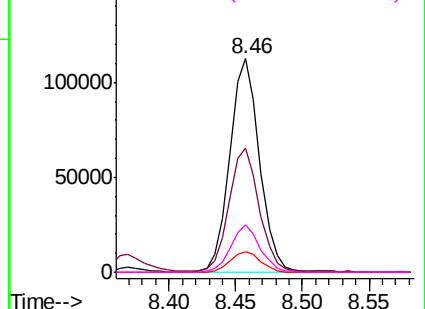


Abundance Ion 70.00 (69.70 to 70.70): BN0

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: 13.866 ng/ul

RT: 11.73 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN002651.D

Acq: 12 Sep 2018 12:57

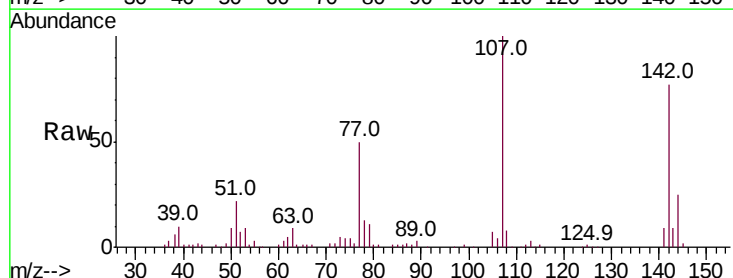
Tgt Ion:107 Resp: 210538

Ion Ratio Lower Upper

107 100

144 25.4 20.4 30.6

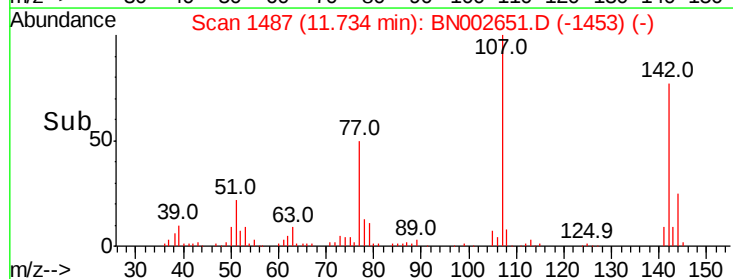
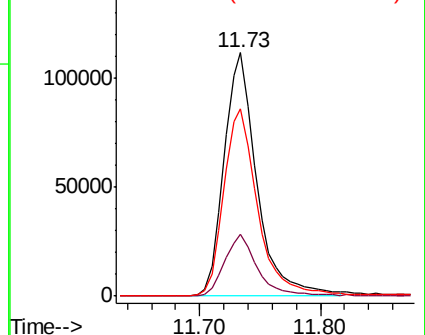
142 76.9 62.5 93.7

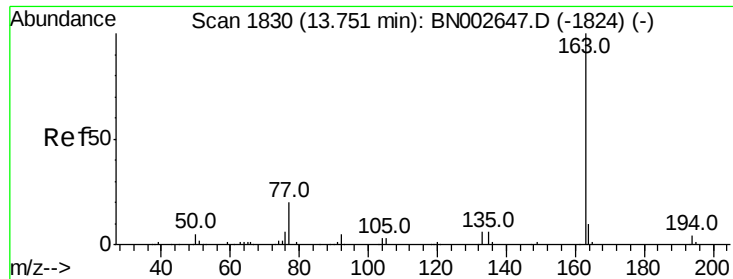


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#44

Dimethylphthalate

Concen: 9.532 ng/ul

RT: 13.75 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BN002651.D

Acq: 12 Sep 2018 12:57

Instrument :

BNA_N

ClientSampleId :

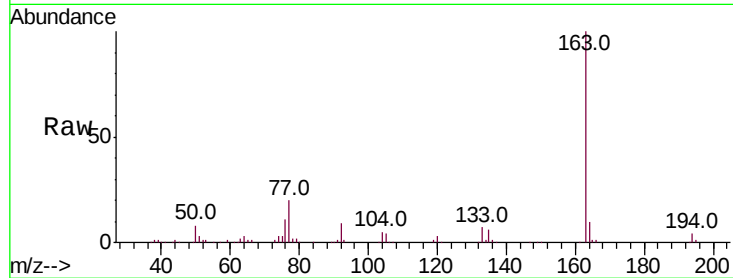
Tot Ion:163 Resp: 404650

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.3 7.8 11.8

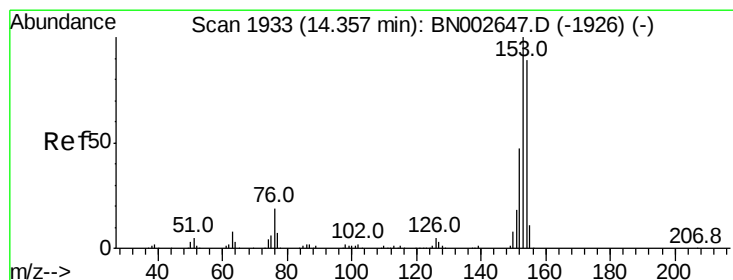
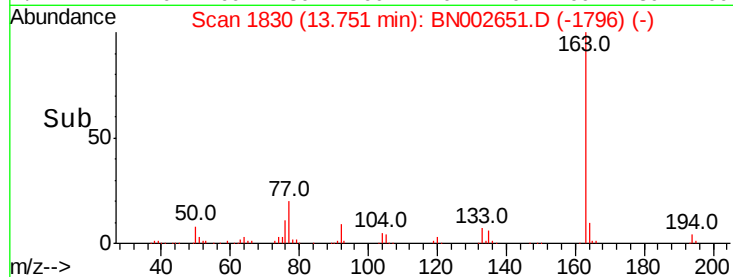
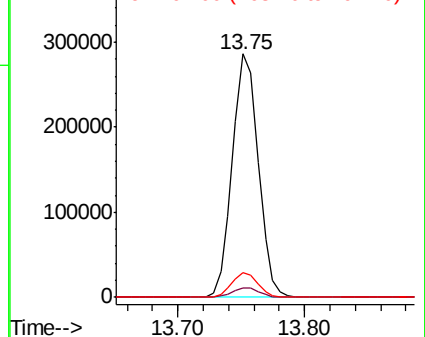


Abundance

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: 16.956 ng/ul

RT: 14.36 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BN002651.D

Acq: 12 Sep 2018 12:57

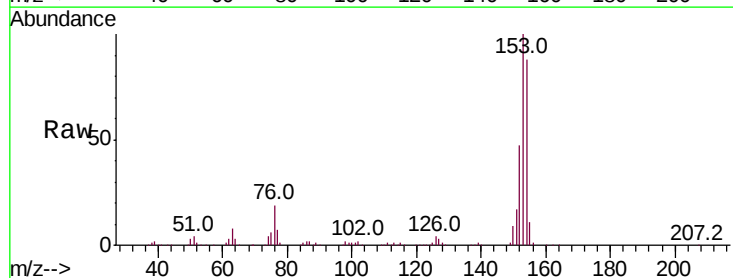
Tgt Ion:153 Resp: 604697

Ion Ratio Lower Upper

153 100

152 46.5 38.3 57.5

154 88.2 71.8 107.8

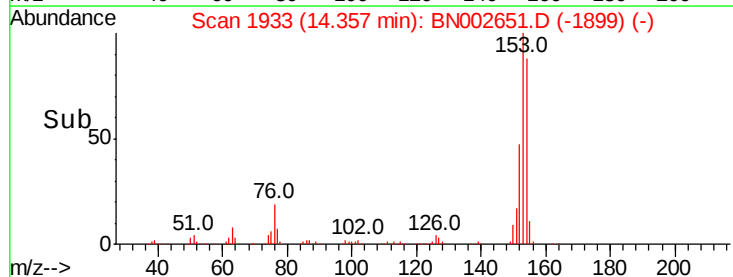
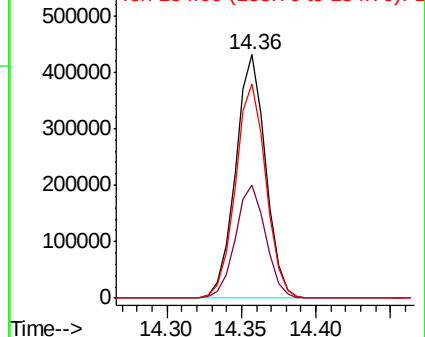


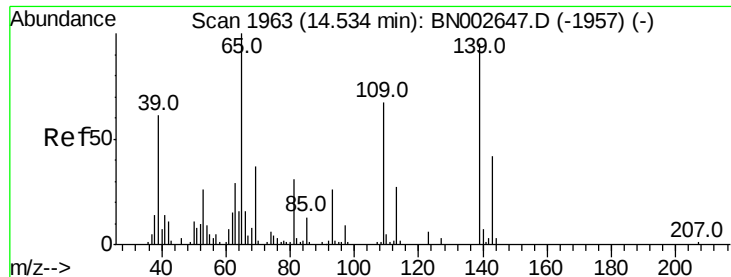
Abundance

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: 11.861 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BN002651.D

Acq: 12 Sep 2018 12:57

Instrument :

BNA_N

ClientSampleId :

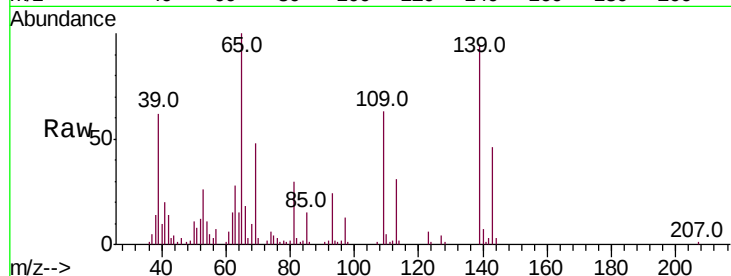
Tot Ion:109 Resp: 73555

Ion Ratio Lower Upper

109 100

139 150.3 103.7 155.5

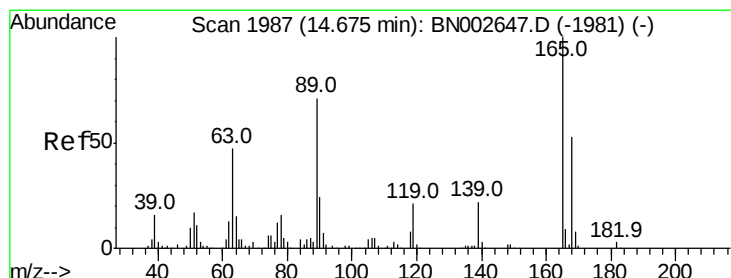
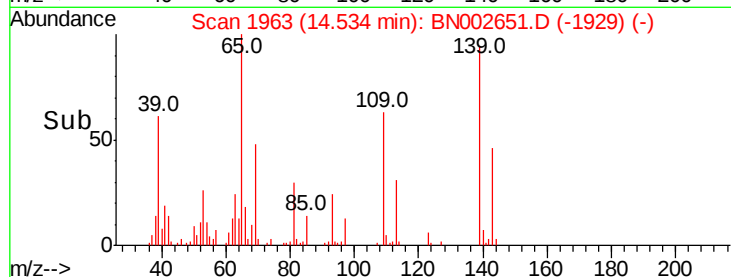
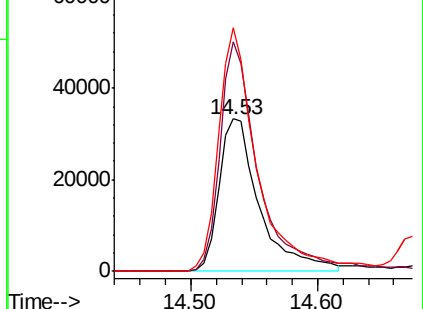
65 159.7 89.4 134.2#



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): BNO



#54

2,4-Dinitrotoluene

Concen: 16.124 ng/ul

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN002651.D

Acq: 12 Sep 2018 12:57

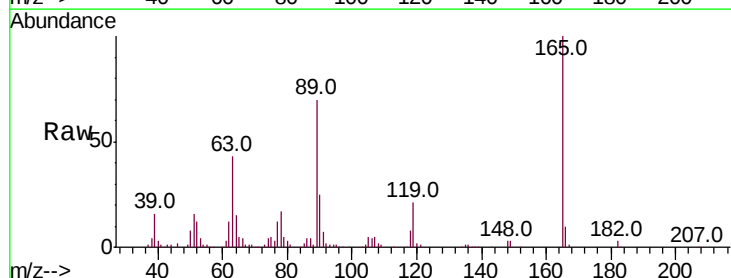
Tgt Ion:165 Resp: 208512

Ion Ratio Lower Upper

165 100

63 42.8 29.8 44.6

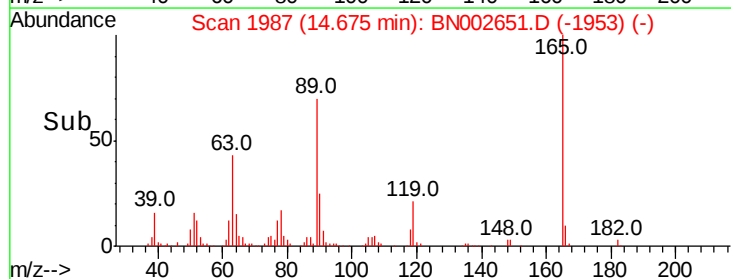
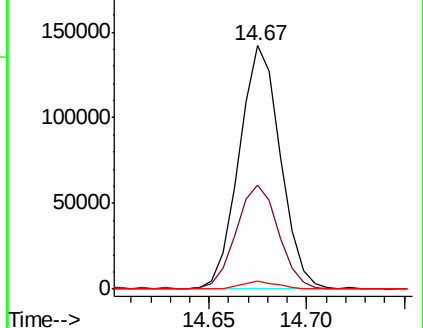
182 3.3 2.2 3.4

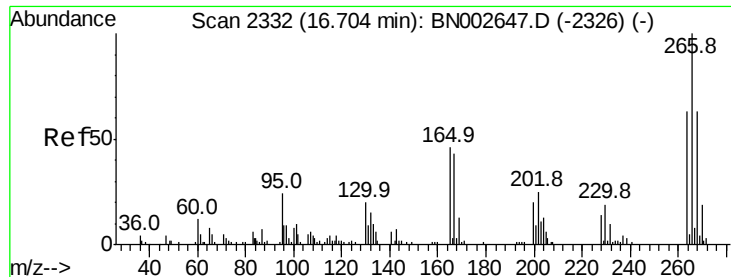


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 14.483 ng/ul

RT: 16.70 min Scan# 2332

Delta R.T. 0.00 min

Lab File: BN002651.D

Acq: 12 Sep 2018 12:57

Instrument :

BNA_N

ClientSampled :

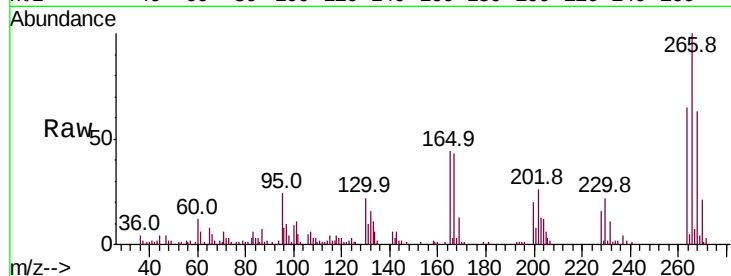
Tot Ion:266 Resp: 107590

Ion Ratio Lower Upper

266 100

264 65.1 50.5 75.7

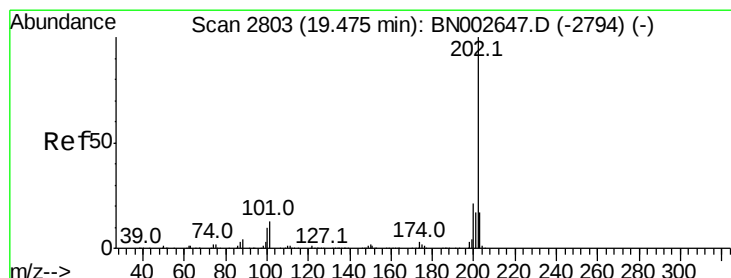
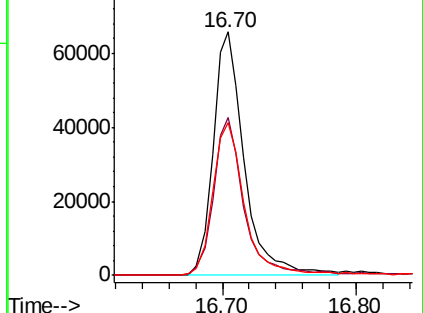
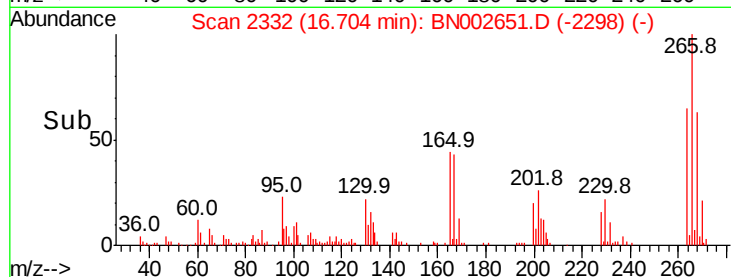
268 62.5 50.9 76.3



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: 20.660 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BN002651.D

Acq: 12 Sep 2018 12:57

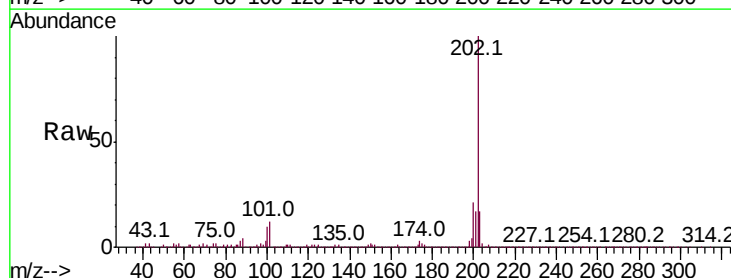
Tgt Ion:202 Resp: 1374798

Ion Ratio Lower Upper

202 100

101 12.1 10.2 15.2

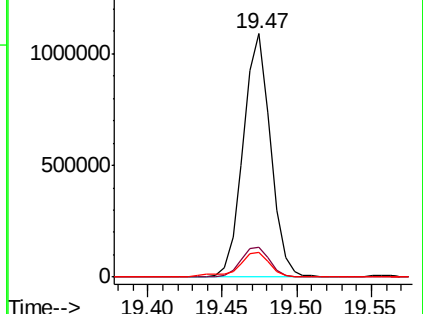
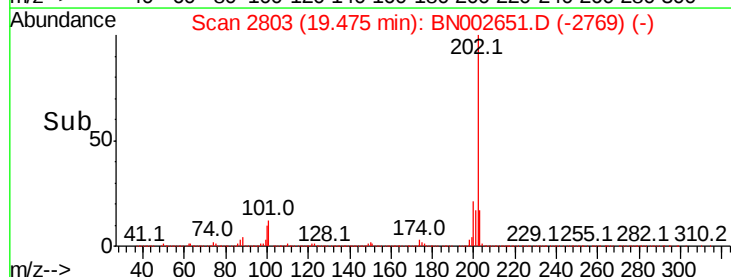
100 10.3 8.5 12.7

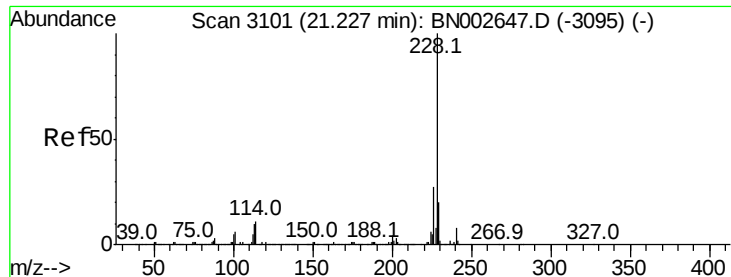


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

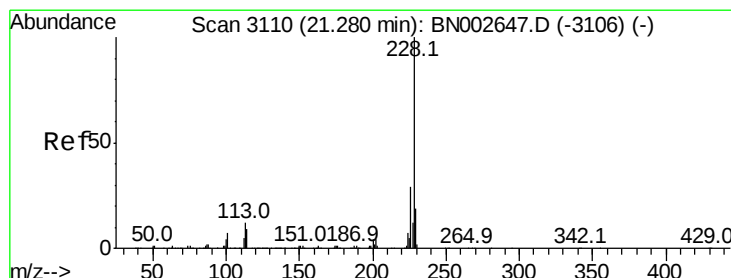
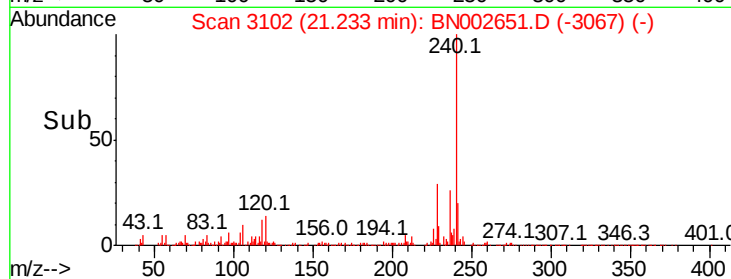
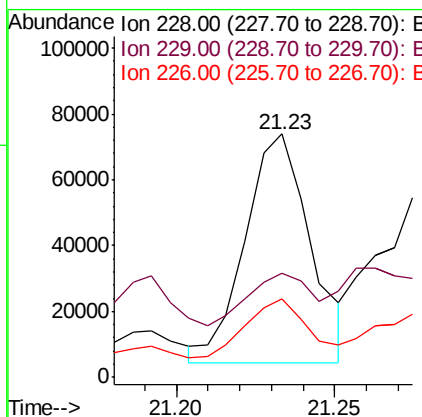
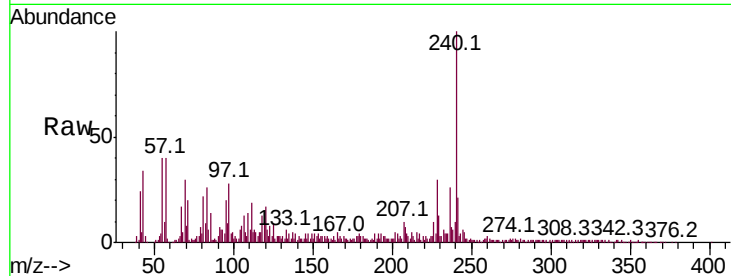




#82
Benzo(a)anthracene
Concen: 1.470 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BN002651.D
Acq: 12 Sep 2018 12:57

Instrument :
BNA_N
ClientSampled :

Tot Ion:228 Resp: 99365
Ion Ratio Lower Upper
228 100
229 42.9 15.7 23.5#
226 32.2 21.8 32.6



#84
Chrysene
Concen: 1.997 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BN002651.D
Acq: 12 Sep 2018 12:57

Tgt Ion:228 Resp: 127801
Ion Ratio Lower Upper
228 100
226 32.5 24.0 36.0
229 41.4 15.6 23.4#

