

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091018\
 Data File : BN002618.D
 Acq On : 10 Sep 2018 12:17
 Operator : JU/SJ
 Sample : J4628-07MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB3F2MSD

Quant Time: Sep 10 12:59:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 10 11:51:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	192069	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	900358	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	527924	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1153146	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	964590	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	757312	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	16926	4.16	ng/uL	0.00
5) Phenol-d5	6.85	99	436068	24.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	272625	24.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	353080	26.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	362002	25.71	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	183430	25.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	212735	28.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	370292	26.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	324939	21.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1188619	27.16	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1473706	27.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	179661	21.72	ng/ul	0.00
57) Fluorene-d10	15.29	176	1014452	26.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	180765	24.62	ng/ul	0.00
70) Anthracene-d10	17.15	188	1541001	27.97	ng/ul	0.00
78) Pyrene-d10	19.45	212	1603152	34.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1127408	28.47	ng/ul	0.00

Target Compounds

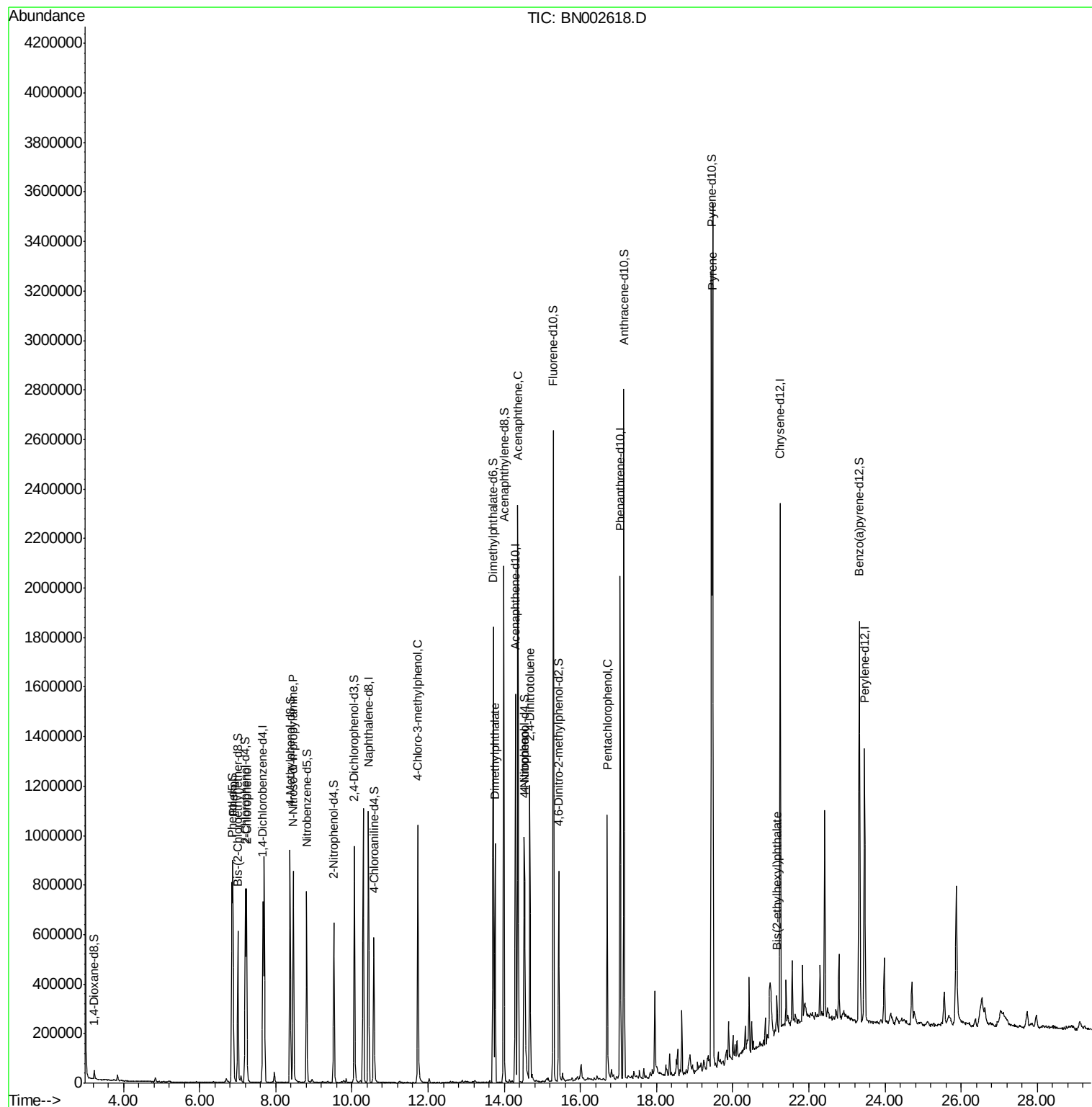
					Ovalue	
6) Phenol	6.88	94	466512	26.011	ng/ul	95
10) 2-Chlorophenol	7.23	128	335418	24.836	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.46	70	295674	24.895	ng/ul#	86
33) 4-Chloro-3-methylphenol	11.73	107	406867	26.367	ng/ul	98
44) Dimethylphthalate	13.76	163	590295	13.753	ng/ul	99
49) Acenaphthene	14.36	153	939270	26.050	ng/ul	98
52) 4-Nitrophenol	14.54	109	138781	22.134	ng/ul#	87
54) 2,4-Dinitrotoluene	14.68	165	342038	26.160	ng/ul	93
68) Pentachlorophenol	16.70	266	202379	27.538	ng/ul	98
79) Pyrene	19.47	202	2003861	34.453	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	37664	1.019	ng/ul#	96

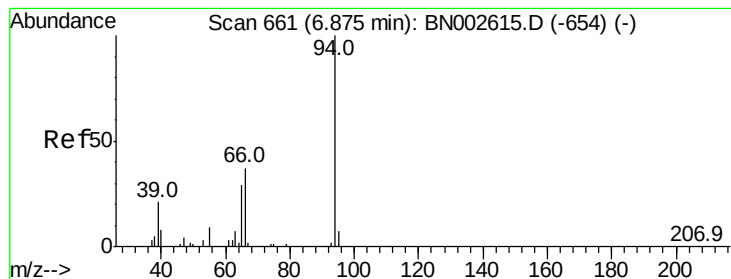
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 26.011 ng/ul

RT: 6.88 min Scan# 661

Delta R.T. 0.00 min

Lab File: BN002618.D

Acq: 10 Sep 2018 12:17

Instrument :

BNA_N

ClientSampleId :

DB3F2MSD

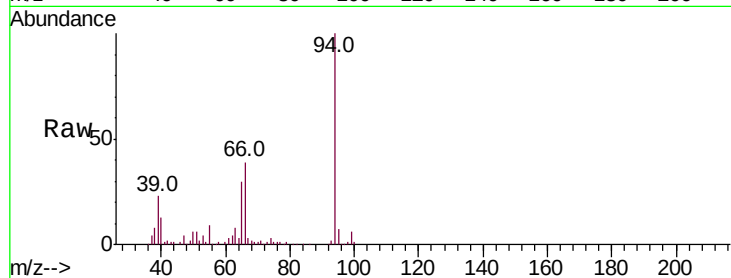
Tot Ion: 94 Resp: 466512

Ion Ratio Lower Upper

94 100

65 29.8 21.0 31.6

66 38.5 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN002618.D (-654) (-)

Ion 65.00 (64.70 to 65.70): BN002618.D (-654) (-)

Ion 66.00 (65.70 to 66.70): BN002618.D (-654) (-)

6.88

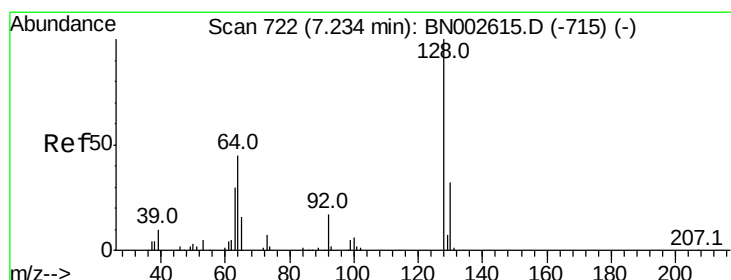
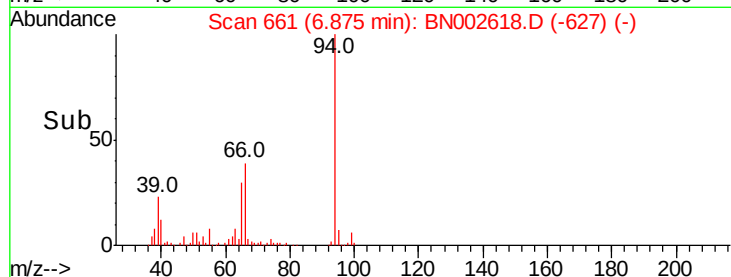
300000

200000

100000

0

Time-->



#10

2-Chlorophenol

Concen: 24.836 ng/ul

RT: 7.23 min Scan# 722

Delta R.T. 0.00 min

Lab File: BN002618.D

Acq: 10 Sep 2018 12:17

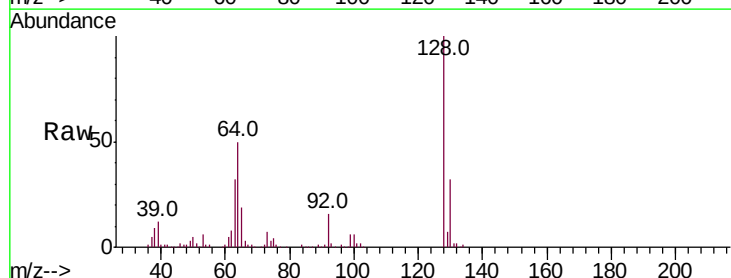
Tgt Ion:128 Resp: 335418

Ion Ratio Lower Upper

128 100

64 50.2 31.9 47.9#

130 32.0 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): BN002618.D (-715) (-)

Ion 64.00 (63.70 to 64.70): BN002618.D (-715) (-)

Ion 130.00 (129.70 to 130.70): BN002618.D (-715) (-)

7.23

250000

200000

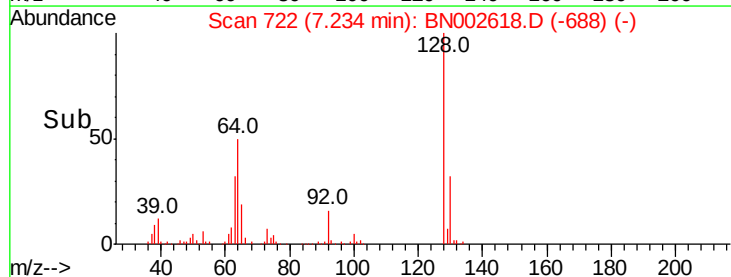
150000

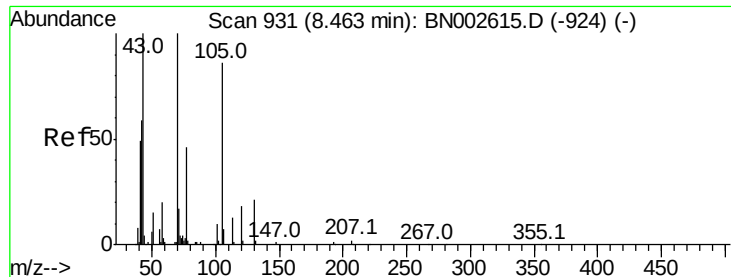
100000

50000

0

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 24.895 ng/ul

RT: 8.46 min Scan# 931

Delta R.T. 0.00 min

Lab File: BN002618.D

Acq: 10 Sep 2018 12:17

Instrument :

BNA_N

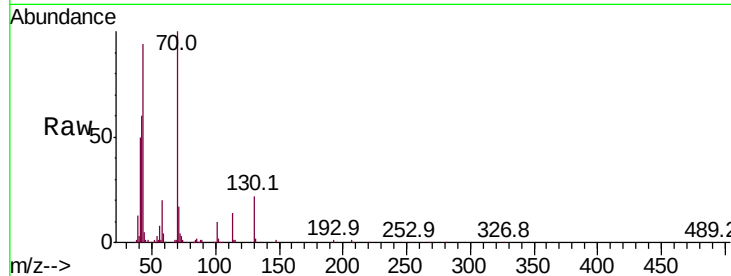
ClientSampleId :

DB3F2MSD

Tot Ion: 70 Resp: 295674

Ion Ratio Lower Upper

70	100		
42	59.9	35.4	53.0#
101	10.3	8.4	12.6
130	22.3	18.2	27.4



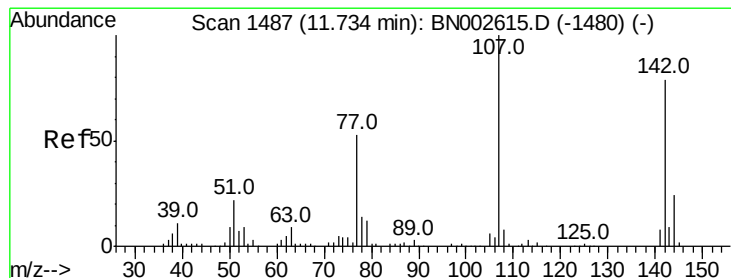
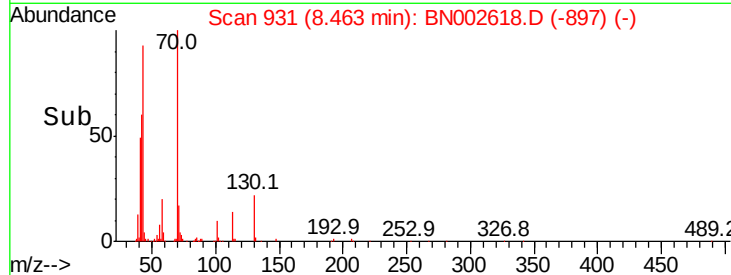
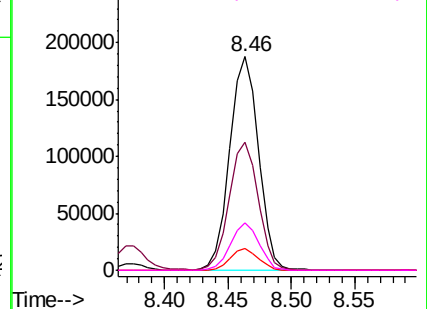
Abundance

Ion 70.00 (69.70 to 70.70): BN002615.D (-924) (-)

Ion 42.00 (41.70 to 42.70): BN002615.D (-924) (-)

Ion 101.00 (100.70 to 101.70): BN002615.D (-924) (-)

Ion 130.00 (129.70 to 130.70): BN002615.D (-924) (-)



#33

4-Chloro-3-methylphenol

Concen: 26.367 ng/ul

RT: 11.73 min Scan# 1487

Delta R.T. 0.00 min

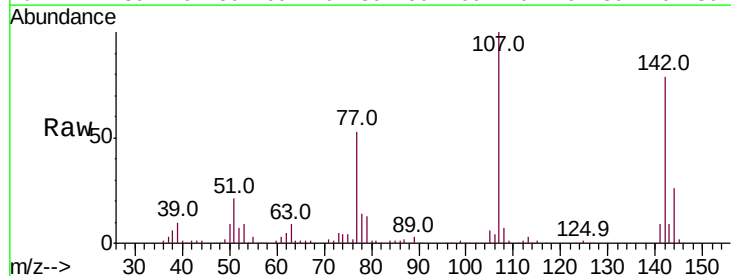
Lab File: BN002618.D

Acq: 10 Sep 2018 12:17

Tgt Ion: 107 Resp: 406867

Ion Ratio Lower Upper

107	100		
144	26.4	20.4	30.6
142	79.4	62.5	93.7

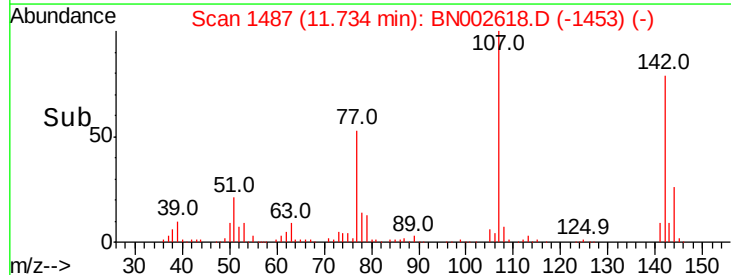
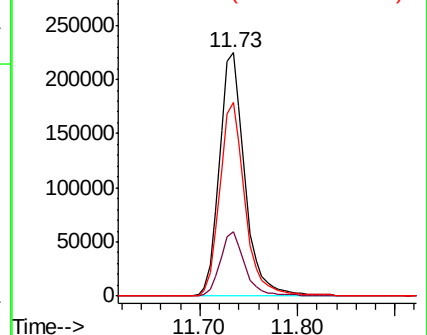


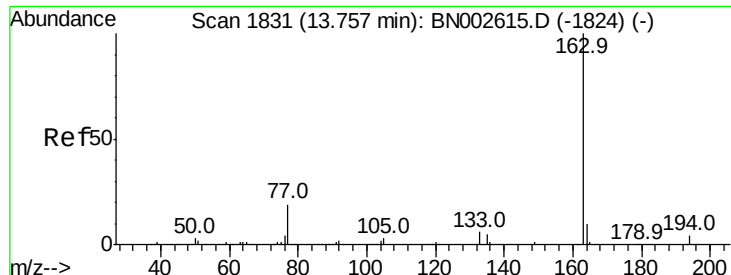
Abundance

Ion 107.00 (106.70 to 107.70): BN002615.D (-1480) (-)

Ion 144.00 (143.70 to 144.70): BN002615.D (-1480) (-)

Ion 142.00 (141.70 to 142.70): BN002615.D (-1480) (-)





#44

Dimethylphthalate

Concen: 13.753 ng/ul

RT: 13.76 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BN002618.D

Acq: 10 Sep 2018 12:17

Instrument :

BNA_N

ClientSampleId :

DB3F2MSD

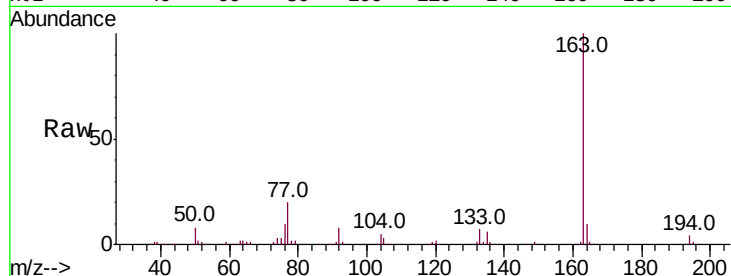
Tot Ion:163 Resp: 590295

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

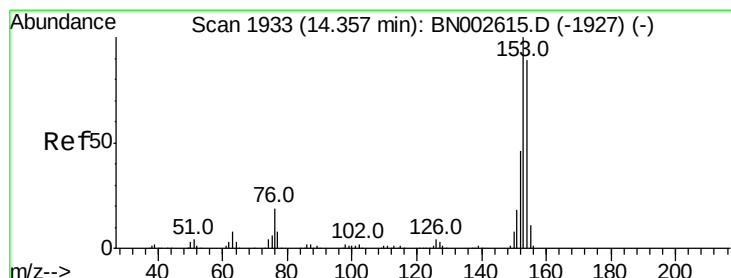
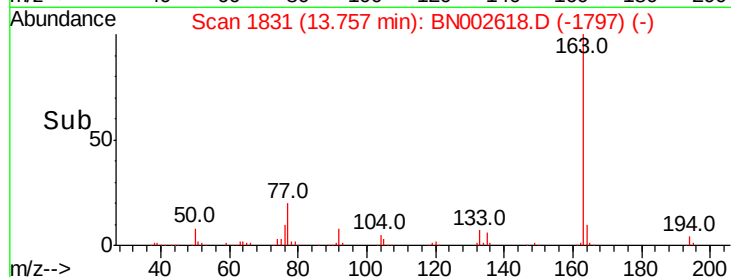
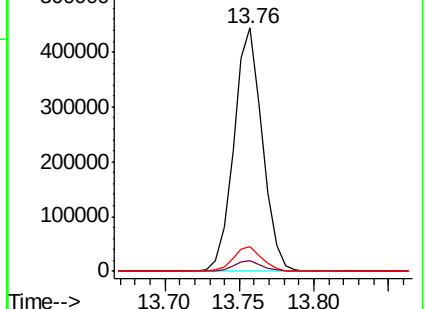
164 10.0 7.8 11.8



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: 26.050 ng/ul

RT: 14.36 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BN002618.D

Acq: 10 Sep 2018 12:17

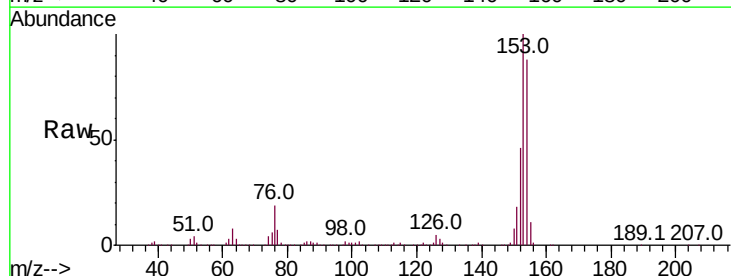
Tgt Ion:153 Resp: 939270

Ion Ratio Lower Upper

153 100

152 46.4 38.3 57.5

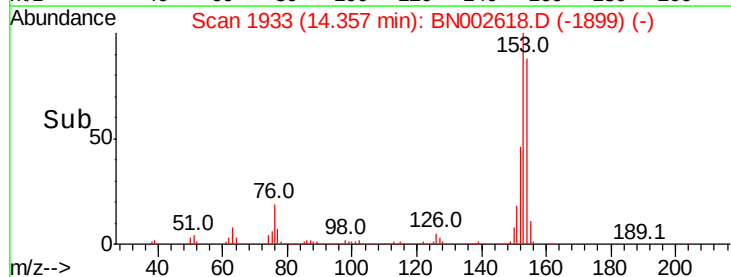
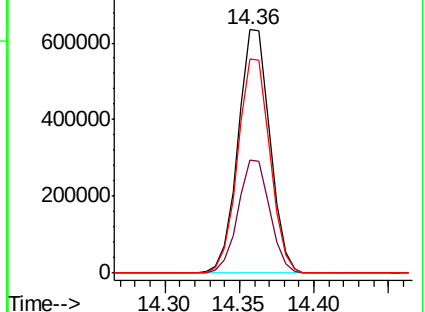
154 87.8 71.8 107.8

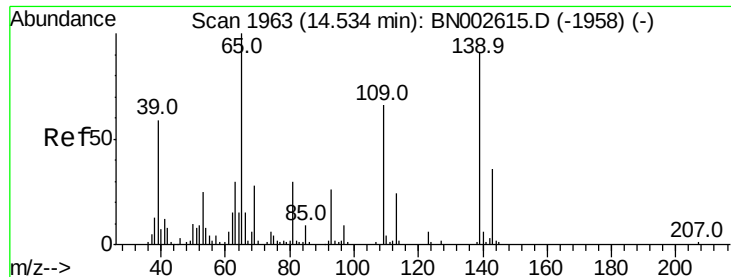


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 22.134 ng/ul

RT: 14.54 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BN002618.D

Acq: 10 Sep 2018 12:17

Instrument :

BNA_N

ClientSampleId :

DB3F2MSD

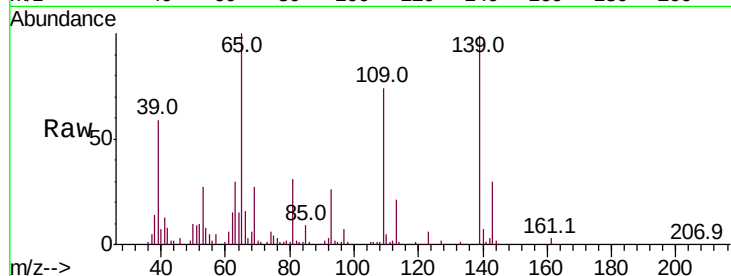
Tot Ion:109 Resp: 138781

Ion Ratio Lower Upper

109 100

139 134.9 103.7 155.5

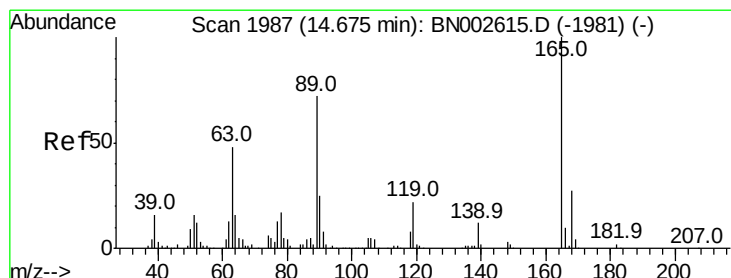
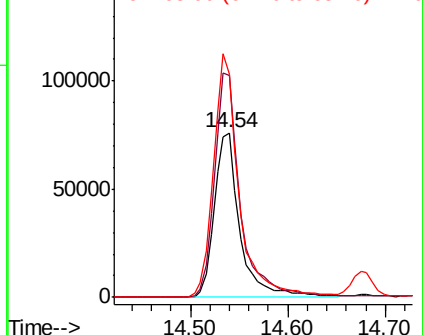
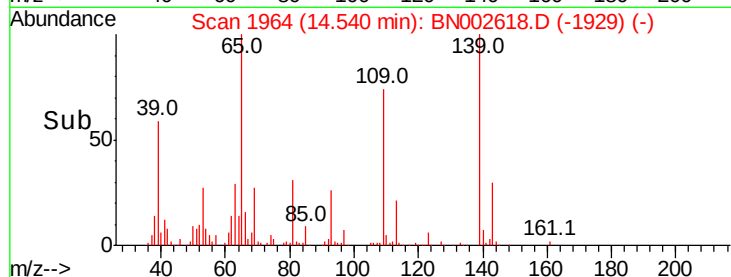
65 135.9 89.4 134.2#



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: 26.160 ng/ul

RT: 14.68 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BN002618.D

Acq: 10 Sep 2018 12:17

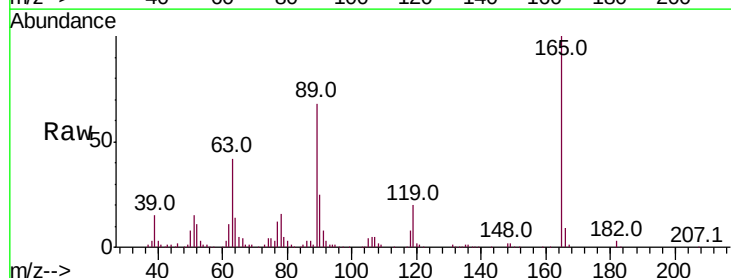
Tgt Ion:165 Resp: 342038

Ion Ratio Lower Upper

165 100

63 41.8 29.8 44.6

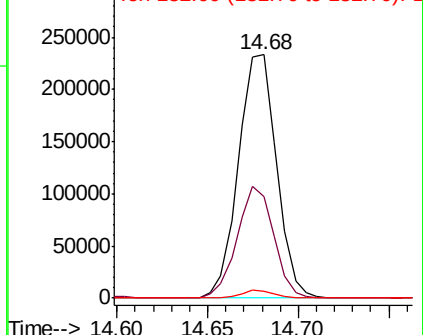
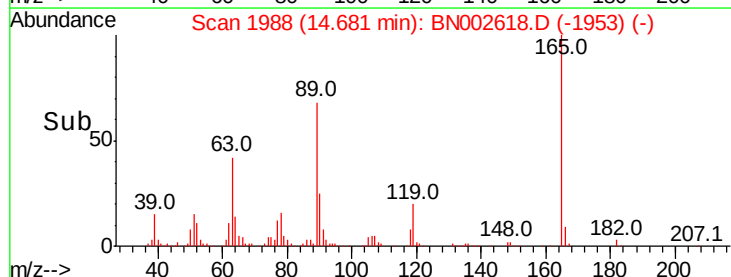
182 2.7 2.2 3.4

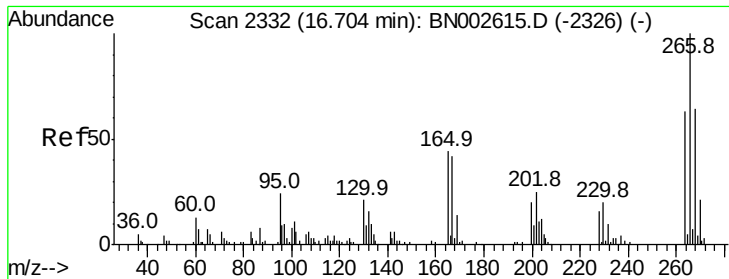


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

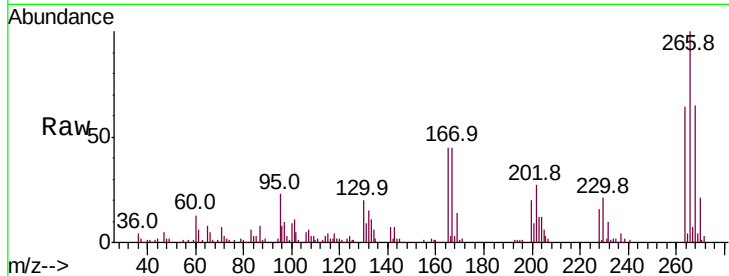




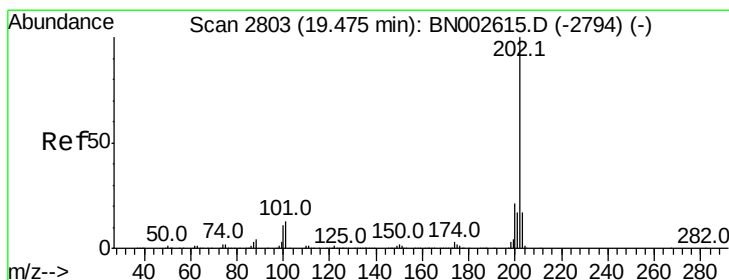
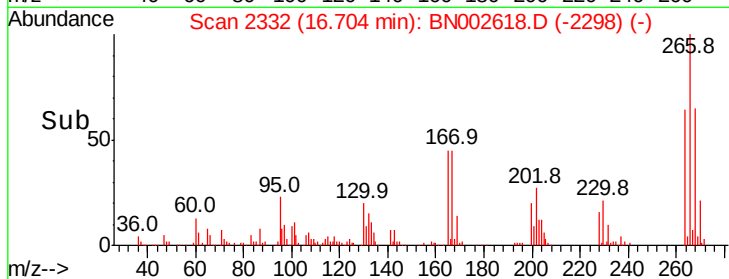
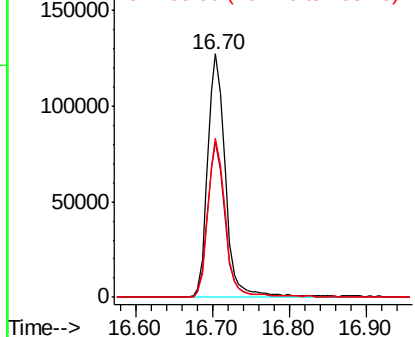
#68
 Pentachlorophenol
 Concen: 27.538 ng/ul
 RT: 16.70 min Scan# 2332
 Delta R.T. 0.00 min
 Lab File: BN002618.D
 Acq: 10 Sep 2018 12:17

Instrument :
 BNA_N
 ClientSampleId :
 DB3F2MSD

Tot Ion:266 Resp: 202379
 Ion Ratio Lower Upper
 266 100
 264 63.8 50.5 75.7
 268 65.4 50.9 76.3

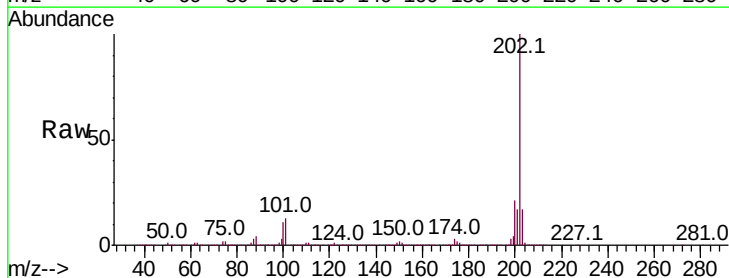


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

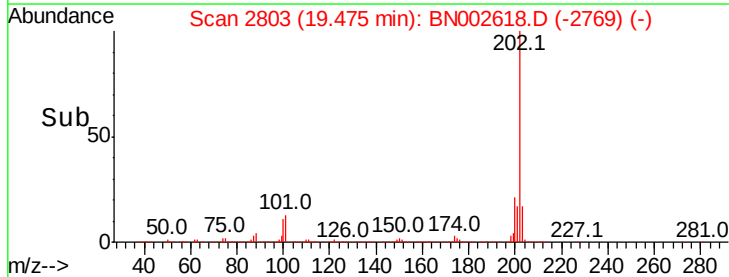
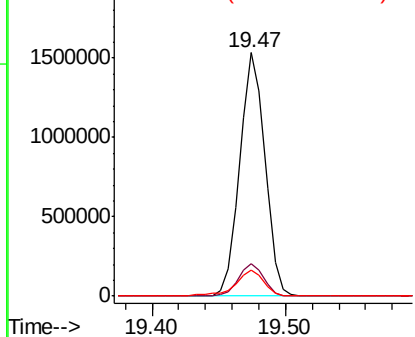


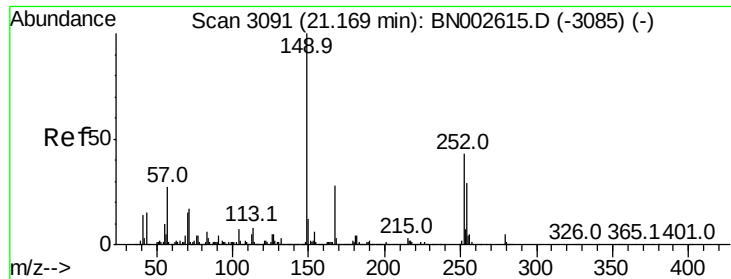
#79
 Pyrene
 Concen: 34.453 ng/ul
 RT: 19.47 min Scan# 2803
 Delta R.T. 0.00 min
 Lab File: BN002618.D
 Acq: 10 Sep 2018 12:17

Tgt Ion:202 Resp: 2003861
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.2 15.2
 100 10.8 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





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.019 ng/ul

RT: 21.17 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BN002618.D

Acq: 10 Sep 2018 12:17

Instrument :

BNA_N

ClientSampleId :

DB3F2MSD

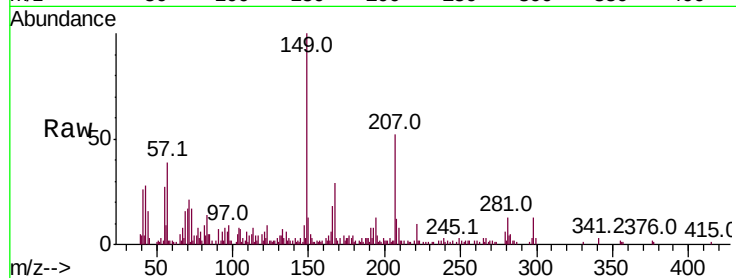
Tot Ion:149 Resp: 37664

Ion Ratio Lower Upper

149 100

167 28.6 21.6 32.4

279 6.3 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

